

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
 Data File : BF114151.D
 Acq On : 11 May 2019 12:30
 Operator : JU/SJ
 Sample : PB119622BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BSD

Quant Time: May 12 05:51:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	308228	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1193897	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	560913	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1108398	20.00	ng	0.00
76) Chrysene-d12	14.01	240	891453	20.00	ng	-0.01
87) Perylene-d12	15.47	264	874196	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	2091919	109.22	ng	0.01
7) Phenol-d6	6.50	99	2734836	120.73	ng	0.00
23) Nitrobenzene-d5	7.42	82	1559540	73.31	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	701059	120.90	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2716503	73.26	ng	0.00
79) Terphenyl-d14	12.95	244	2834241	65.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	382451	36.328	ng	99
3) Pyridine	3.47	79	956293	32.968	ng	97
4) n-Nitrosodimethylamine	3.42	42	484791	34.659	ng	98
6) Aniline	6.52	93	924821	28.262	ng	99
8) 2-Chlorophenol	6.65	128	859870	42.053	ng	93
9) Benzaldehyde	6.40	77	128244	8.087	ng	98
10) Phenol	6.50	94	1043479	39.157	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	843741	41.705	ng	99
12) 1,3-Dichlorobenzene	6.79	146	893275	38.919	ng	98
13) 1,4-Dichlorobenzene	6.87	146	898844	38.863	ng	97
14) 1,2-Dichlorobenzene	7.02	146	845523	40.015	ng	99
15) Benzyl Alcohol	6.99	79	739910	41.878	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1592676	40.601	ng	99
17) 2-Methylphenol	7.11	107	698602	41.592	ng	99
18) Hexachloroethane	7.36	117	336510	38.762	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	585883	40.803	ng	97
20) 3+4-Methylphenols	7.26	107	814244	41.958	ng	# 87
22) Acetophenone	7.26	105	1112245	42.053	ng	99
24) Nitrobenzene	7.43	77	911980	42.089	ng	95
25) Isophorone	7.67	82	1667329	42.259	ng	99
26) 2-Nitrophenol	7.75	139	472620	44.958	ng	96
27) 2,4-Dimethylphenol	7.79	122	779241	47.196	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1066458	41.659	ng	100
29) 2,4-Dichlorophenol	7.99	162	705498	42.912	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	756681	40.475	ng	99
31) Naphthalene	8.16	128	2396142	42.966	ng	99
32) Benzoic acid	7.93	122	522428	44.907	ng	97
33) 4-Chloroaniline	8.20	127	669398	26.340	ng	99
34) Hexachlorobutadiene	8.27	225	428042	40.240	ng	97
35) Caprolactam	8.57	113	114890	21.431	ng	91
36) 4-Chloro-3-methylphenol	8.69	107	752947	45.498	ng	96
37) 2-Methylnaphthalene	8.85	142	1629123	45.277	ng	98
38) 1-Methylnaphthalene	8.95	142	1532676	45.232	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	708095	41.674	ng	99

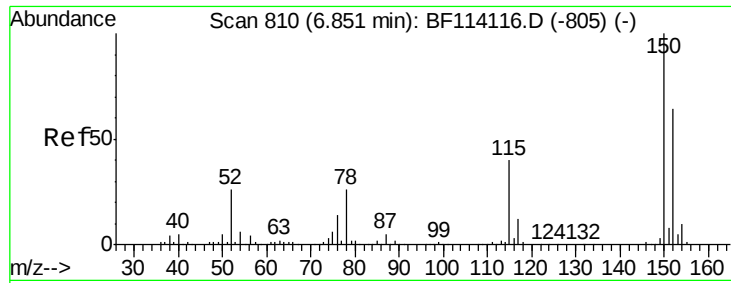
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051119\
 Data File : BF114151.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	673748	84.837	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	490220	41.945	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	527355	43.999	ng	99
46) 1,1'-Biphenyl	9.31	154	1961863	43.295	ng	99
47) 2-Chloronaphthalene	9.33	162	1508902	41.376	ng	99
48) 2-Nitroaniline	9.43	65	509441	39.389	ng	96
49) Acenaphthylene	9.75	152	2383246	42.968	ng	100
50) Dimethylphthalate	9.61	163	1708122	41.483	ng	99
51) 2,6-Dinitrotoluene	9.67	165	397029	43.473	ng	96
52) Acenaphthene	9.92	154	1411162	41.460	ng	99
53) 3-Nitroaniline	9.84	138	317573	28.012	ng	94
54) 2,4-Dinitrophenol	9.95	184	407065	87.912	ng	96
55) Dibenzofuran	10.09	168	2076705	41.609	ng	98
56) 4-Nitrophenol	10.01	139	657854	82.053	ng	98
57) 2,4-Dinitrotoluene	10.07	165	524501	42.312	ng	95
58) Fluorene	10.44	166	1605660	41.651	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	440533	42.598	ng	99
60) Diethylphthalate	10.31	149	1697358	40.570	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	780906	41.243	ng	98
62) 4-Nitroaniline	10.46	138	450818	37.842	ng	96
63) Azobenzene	10.59	77	1703282	42.060	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	252145	47.342	ng	85
66) n-Nitrosodiphenylamine	10.55	169	1468161	43.643	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	502551	41.179	ng	96
68) Hexachlorobenzene	10.99	284	542379	40.174	ng	99
69) Atrazine	11.07	200	436903	41.734	ng	99
70) Pentachlorophenol	11.18	266	563279	88.013	ng	98
71) Phenanthrene	11.40	178	2290802	42.481	ng	100
72) Anthracene	11.45	178	2377450	43.894	ng	100
73) Carbazole	11.60	167	2244850	43.463	ng	99
74) Di-n-butylphthalate	11.93	149	2598726	43.673	ng	99
75) Fluoranthene	12.59	202	2493103	42.933	ng	99
77) Benzidine	12.70	184	1465160	36.614	ng	97
78) Pyrene	12.82	202	2525421	35.216	ng	99
80) Butylbenzylphthalate	13.42	149	1161576	38.482	ng	94
81) Benzo(a)anthracene	14.00	228	2113676	36.658	ng	98
82) 3,3'-Dichlorobenzidine	13.96	252	583115	26.070	ng	99
83) Chrysene	14.04	228	2144979	37.950	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1506990	38.173	ng	99
85) Di-n-octyl phthalate	14.60	149	2582315	40.351	ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	2119441	42.429	ng	98
88) Benzo(b)fluoranthene	15.05	252	2413241	43.089	ng	98
89) Benzo(k)fluoranthene	15.08	252	1977989	38.447	ng	99
90) Benzo(a)pyrene	15.42	252	2145813	43.535	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	1737138	42.413	ng	99
92) Benzo(g,h,i)perylene	17.39	276	1737212	42.324	ng	99

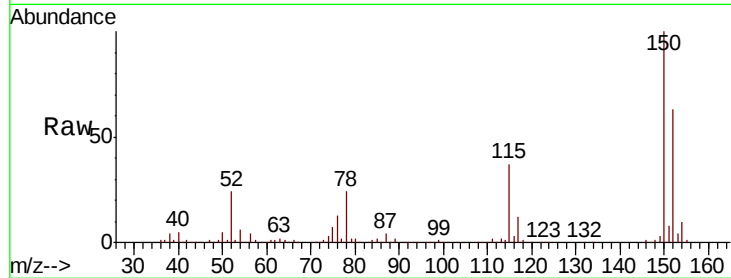
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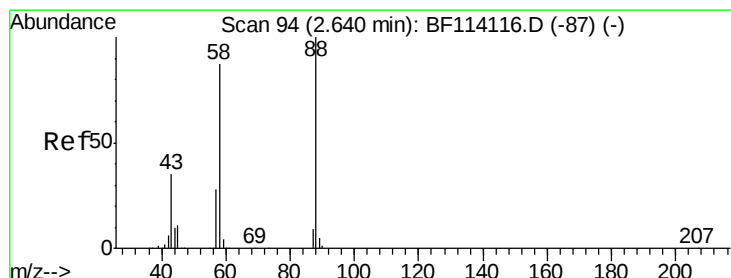
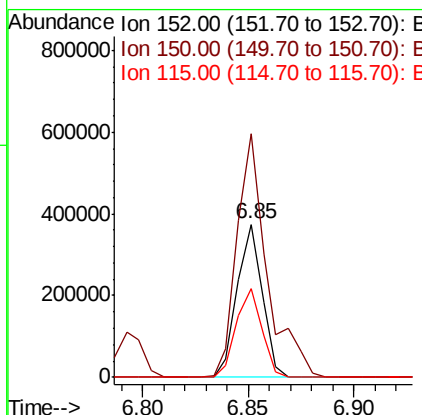
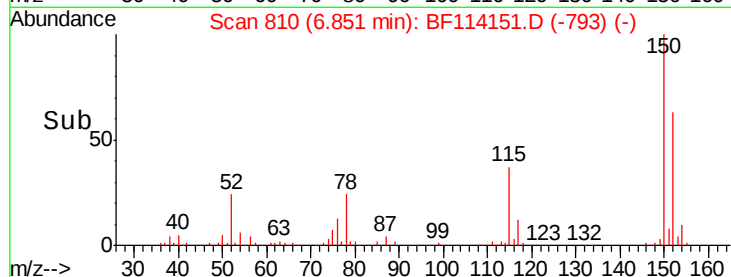
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BSD

Tgt Ion: 152 Resp: 308228
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.3 186.5
 115 58.2 49.1 73.7

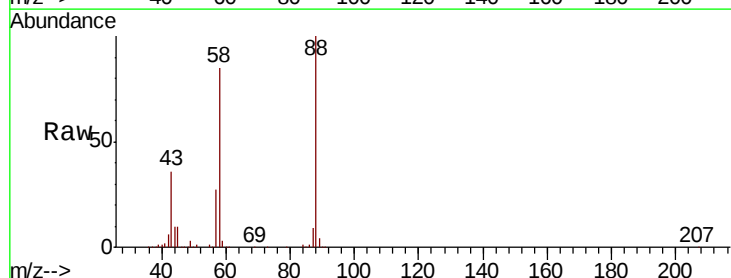


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

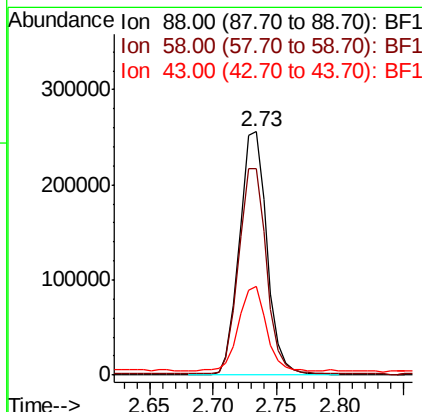
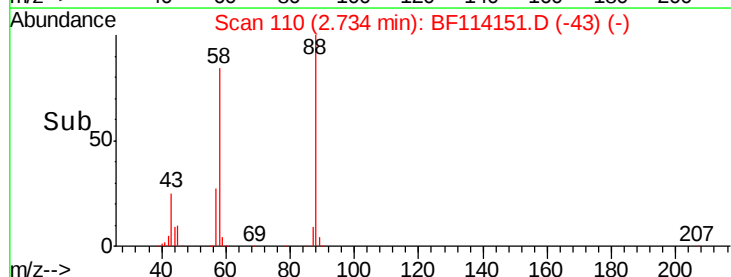


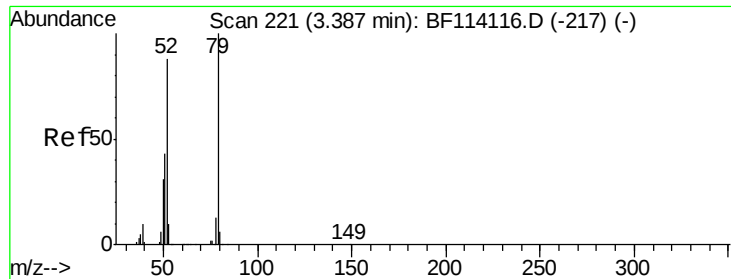
#2
 1,4-Dioxane
 Concen: 36.328 ng
 RT: 2.73 min Scan# 110
 Delta R.T. 0.09 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Tgt Ion: 88 Resp: 382451
 Ion Ratio Lower Upper
 88 100
 58 85.4 68.7 103.1
 43 34.2 28.2 42.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 32.968 ng

RT: 3.47 min Scan# 236

Delta R.T. 0.09 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

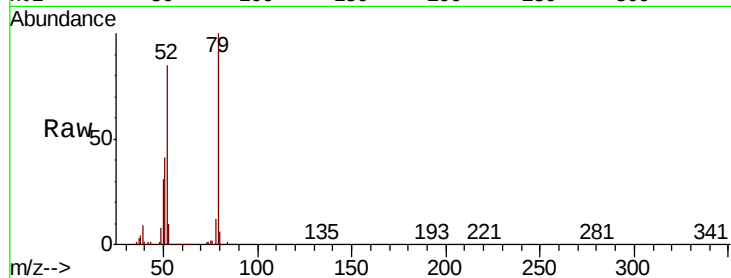
Tgt Ion: 79 Resp: 956293

Ion Ratio Lower Upper

79 100

52 84.6 70.6 105.8

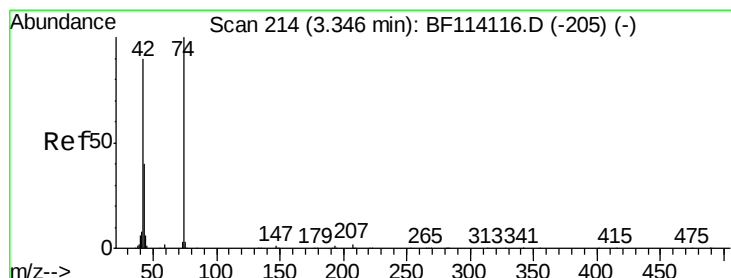
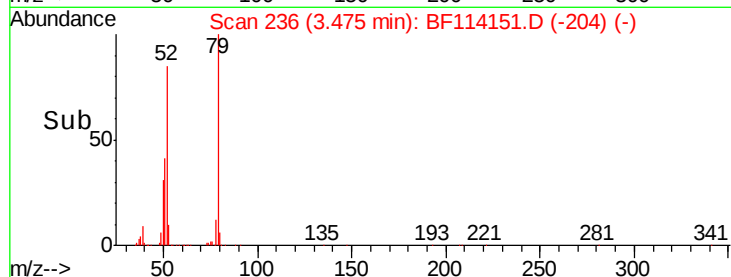
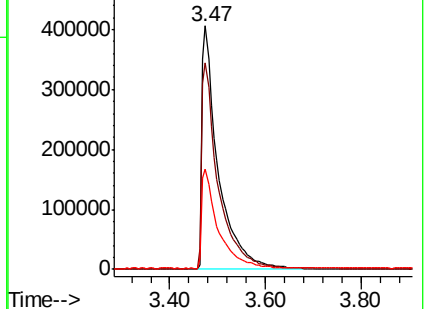
51 41.3 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.659 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.08 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

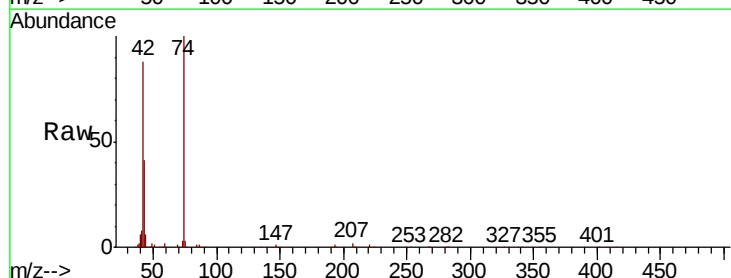
Tgt Ion: 42 Resp: 484791

Ion Ratio Lower Upper

42 100

74 113.4 88.6 132.8

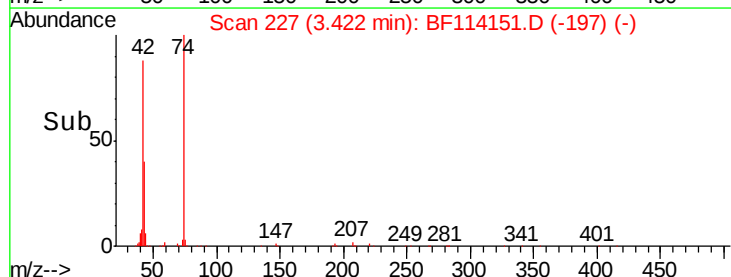
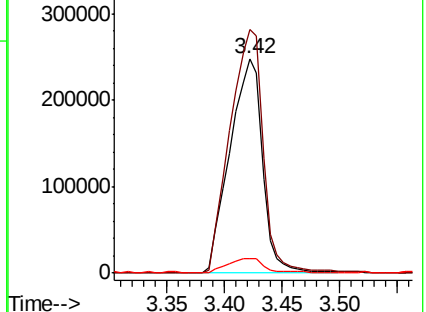
44 7.0 5.5 8.3

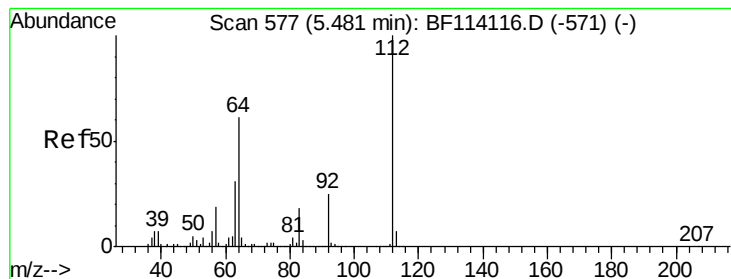


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 109.219 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

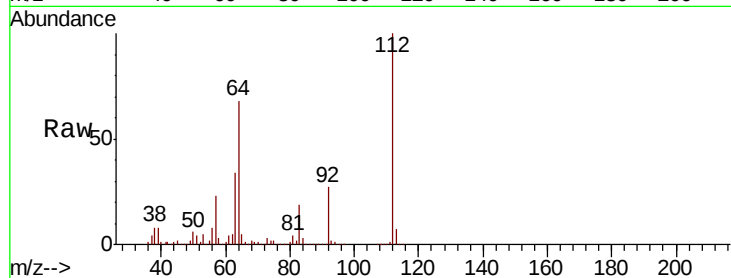
Tgt Ion:112 Resp: 2091919

Ion Ratio Lower Upper

112 100

64 67.7 49.0 73.6

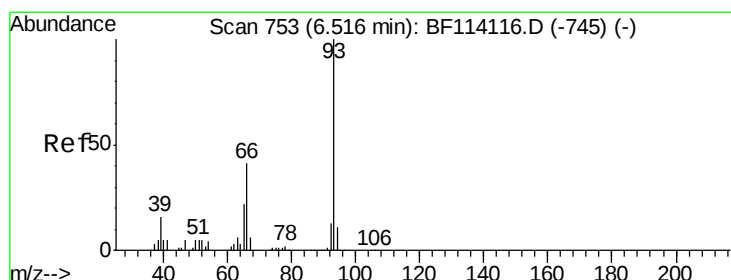
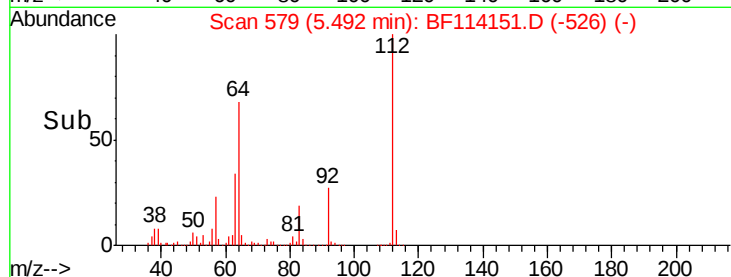
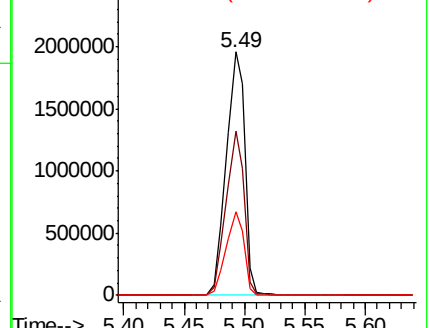
63 34.5 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.262 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

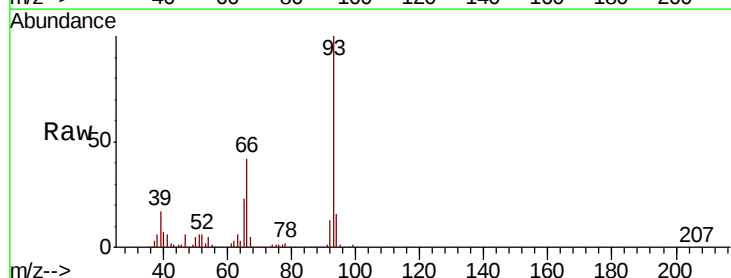
Tgt Ion: 93 Resp: 924821

Ion Ratio Lower Upper

93 100

66 42.3 33.2 49.8

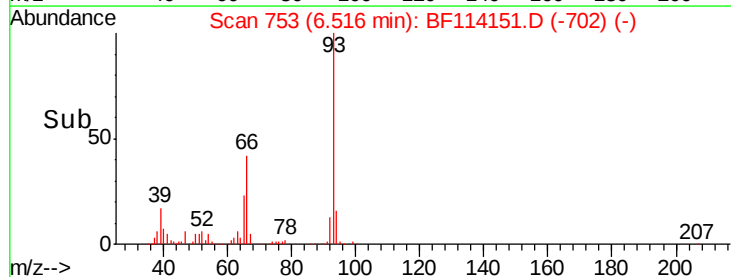
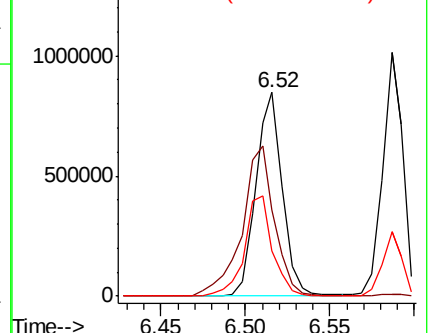
65 22.5 17.6 26.4

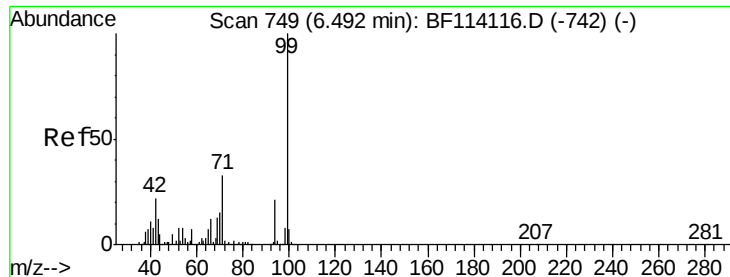


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.726 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

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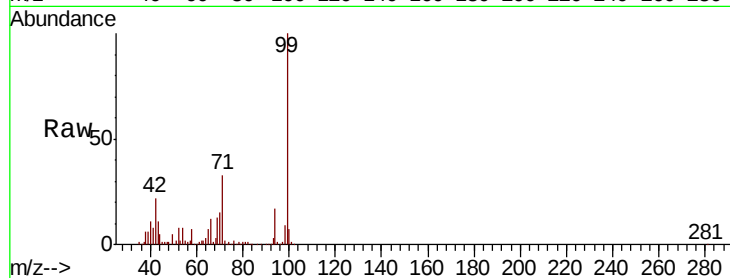
Tgt Ion: 99 Resp: 2734836

Ion Ratio Lower Upper

99 100

42 22.1 17.9 26.9

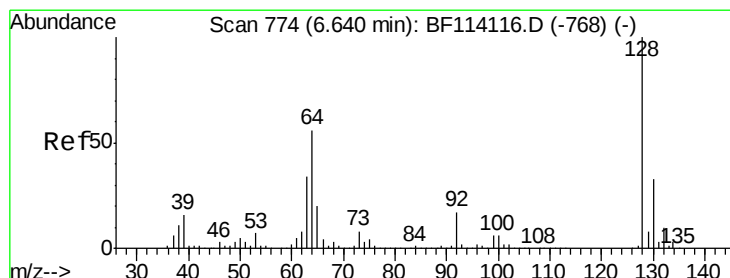
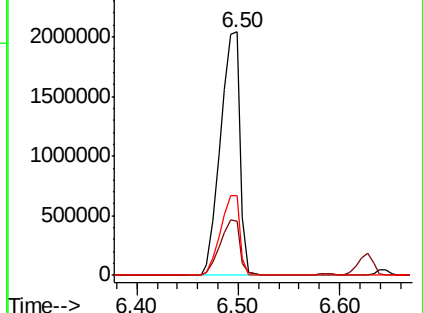
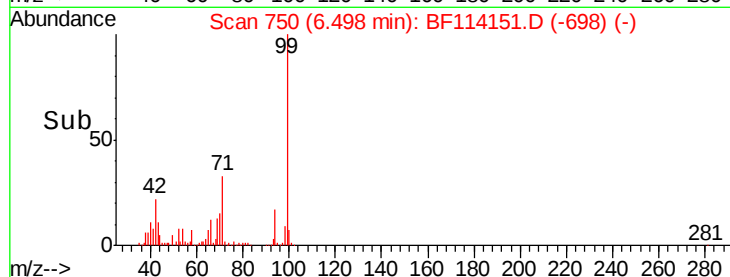
71 32.9 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.053 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

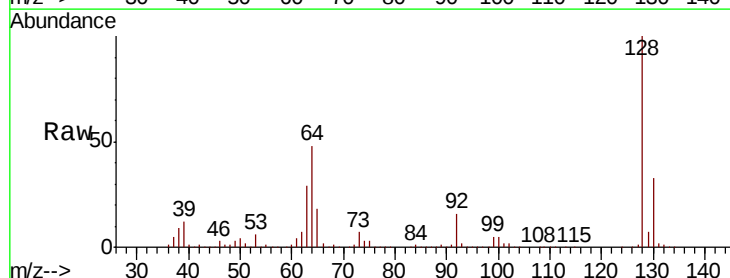
Tgt Ion: 128 Resp: 859870

Ion Ratio Lower Upper

128 100

130 33.5 12.6 52.6

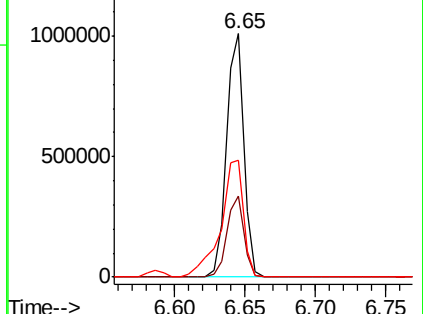
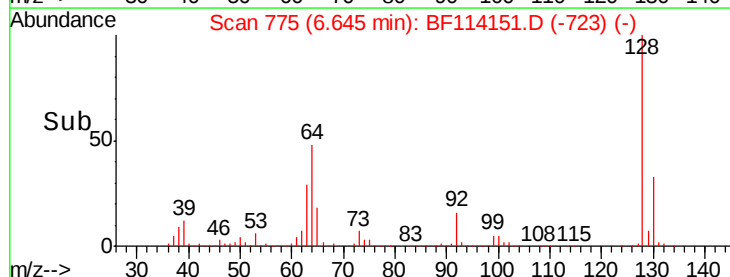
64 48.1 35.9 75.9

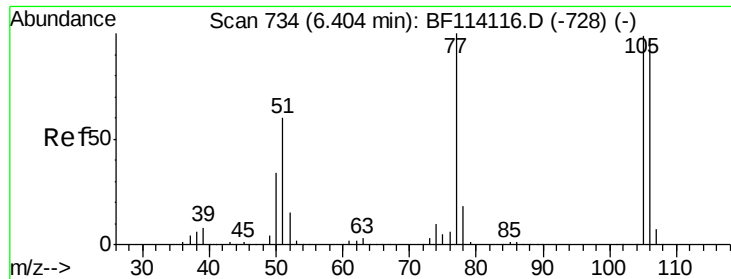


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 8.087 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

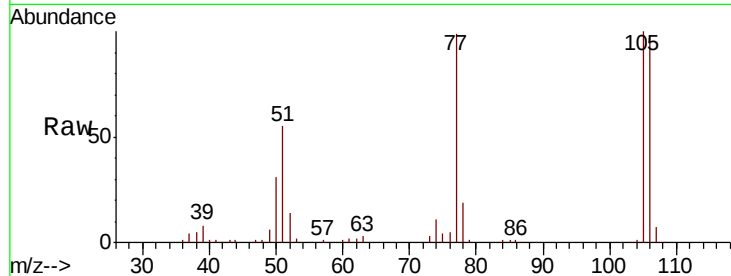
Tgt Ion: 77 Resp: 128244

Ion Ratio Lower Upper

77 100

105 101.2 79.3 119.3

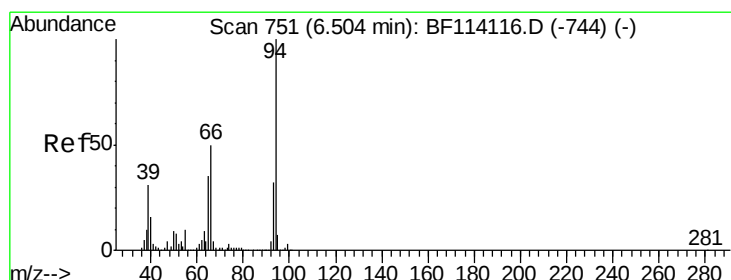
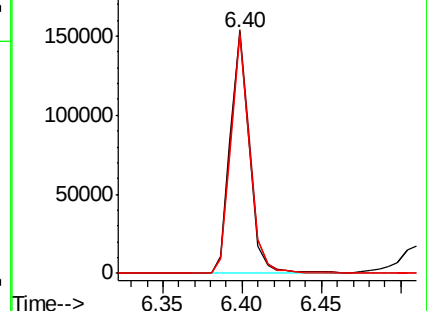
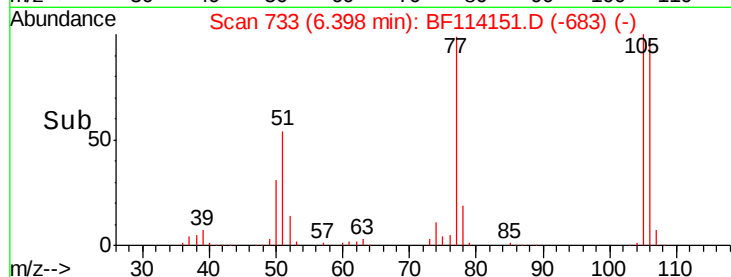
106 99.3 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.157 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

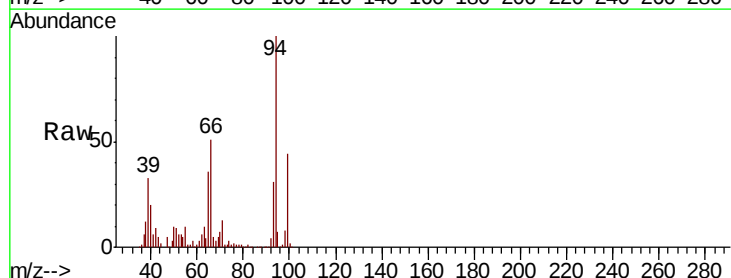
Tgt Ion: 94 Resp: 1043479

Ion Ratio Lower Upper

94 100

65 35.8 14.7 54.7

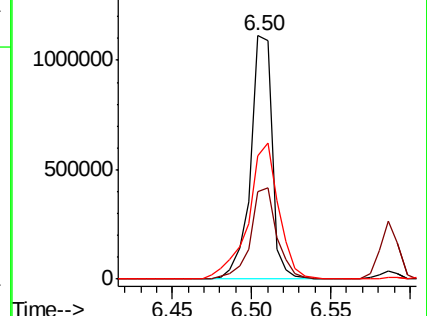
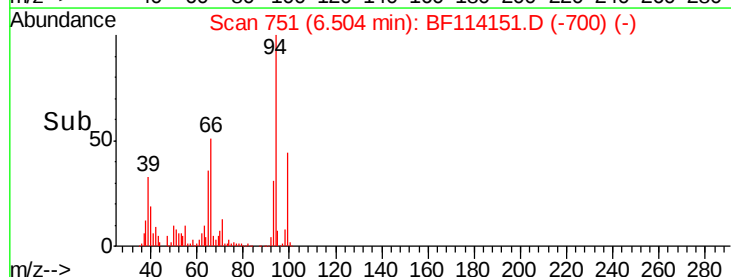
66 50.8 29.6 69.6

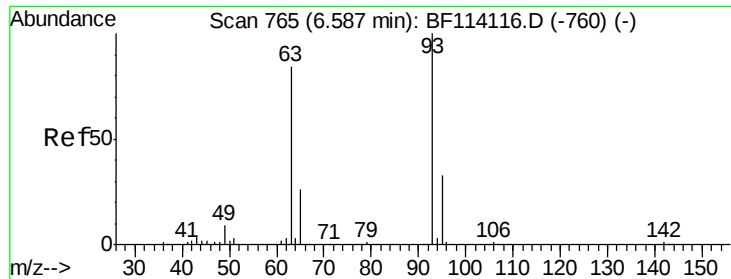


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

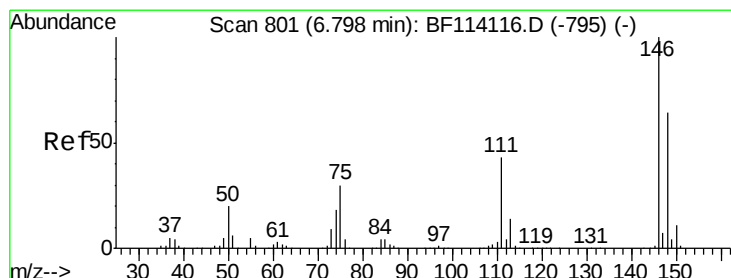
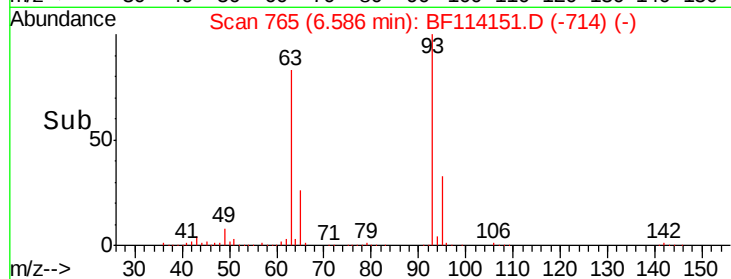
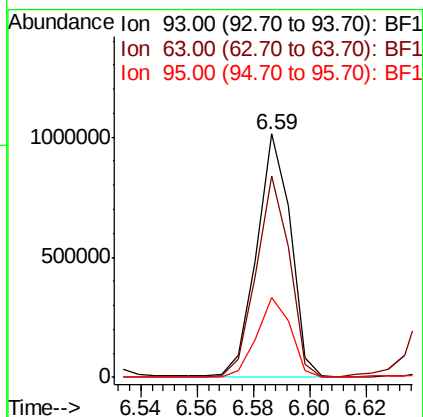
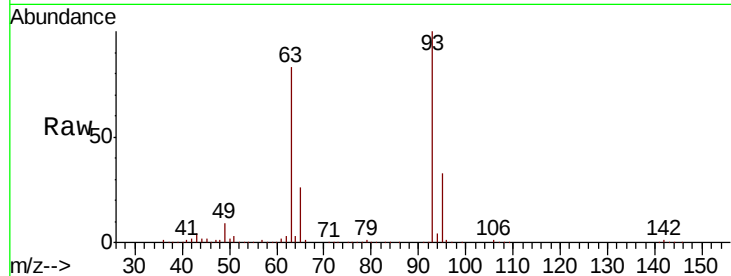




#11
bis(2-Chloroethyl)ether
Concen: 41.705 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

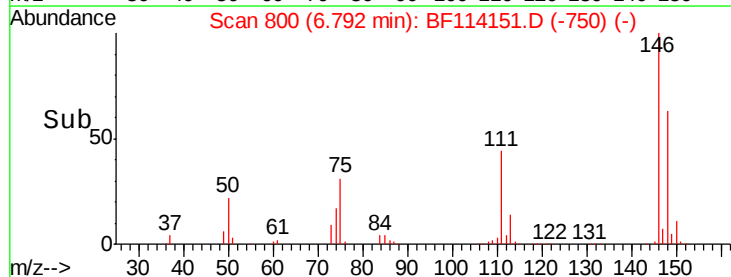
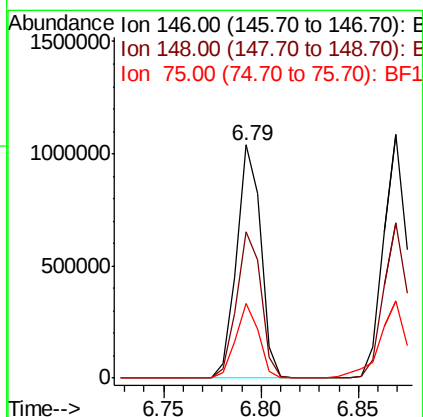
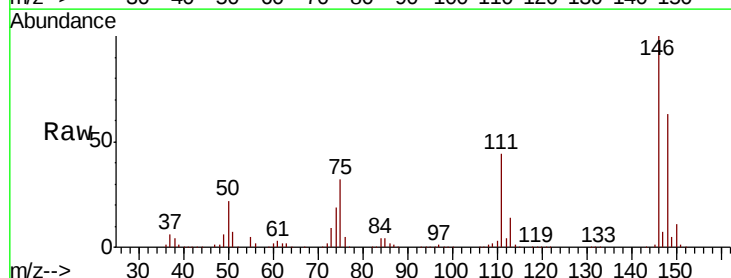
Instrument :
BNA_F
ClientSampleId :
PB119622BSD

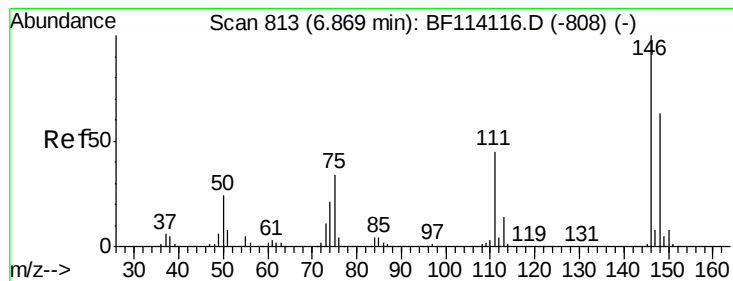
Tgt Ion: 93 Resp: 843741
Ion Ratio Lower Upper
93 100
63 82.9 63.6 103.6
95 32.6 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 38.919 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion: 146 Resp: 893275
Ion Ratio Lower Upper
146 100
148 62.9 51.6 77.4
75 31.8 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 38.863 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

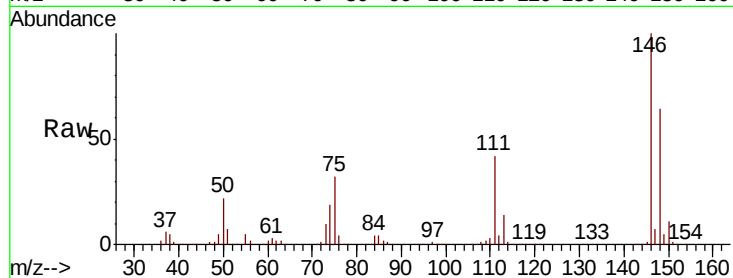
Tgt Ion:146 Resp: 898844

Ion Ratio Lower Upper

146 100

148 64.0 50.2 75.2

111 42.2 35.8 53.6

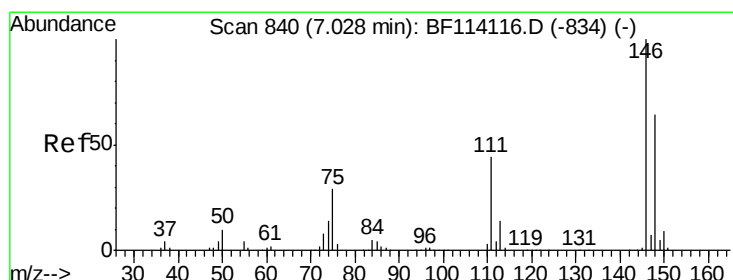
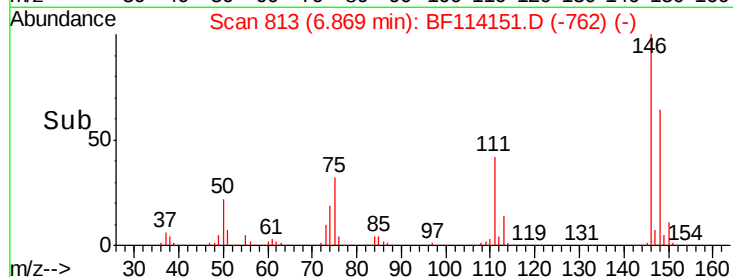
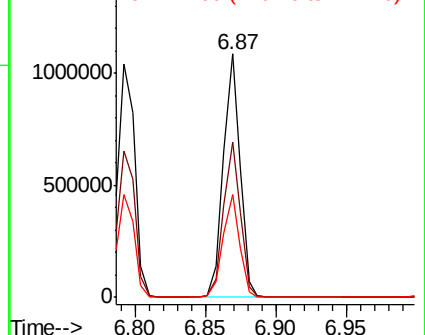


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.015 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

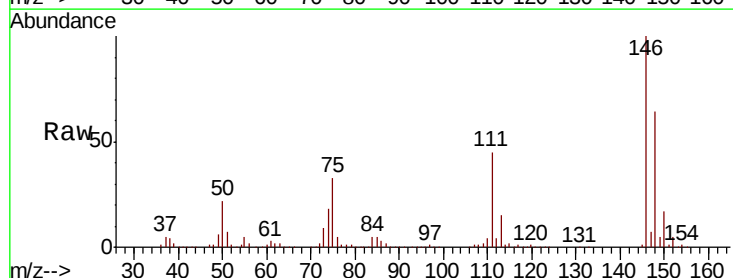
Tgt Ion:146 Resp: 845523

Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

111 45.2 35.3 52.9

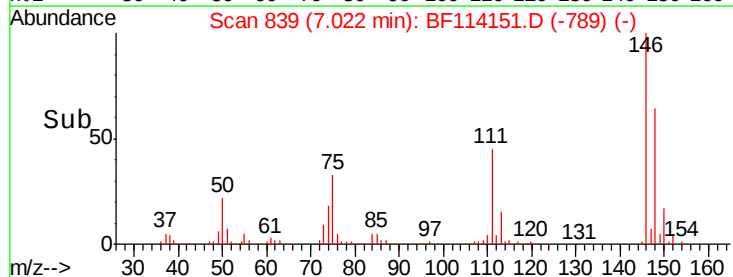
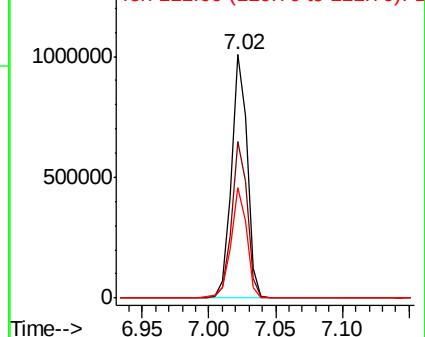


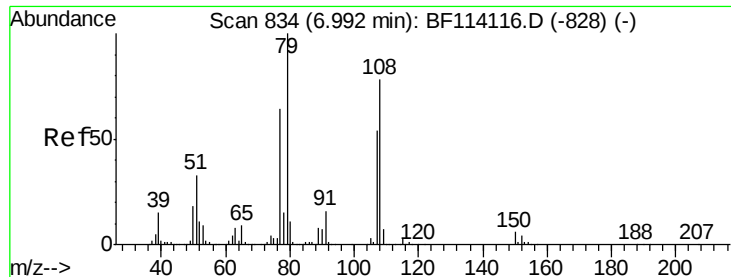
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.878 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

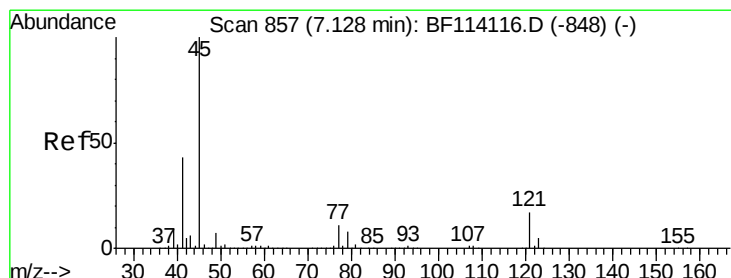
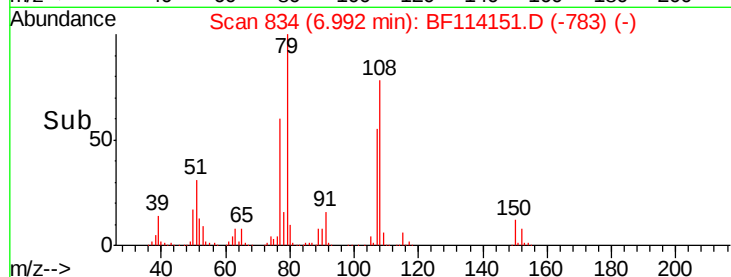
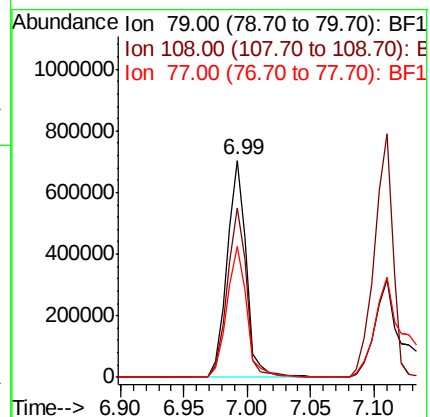
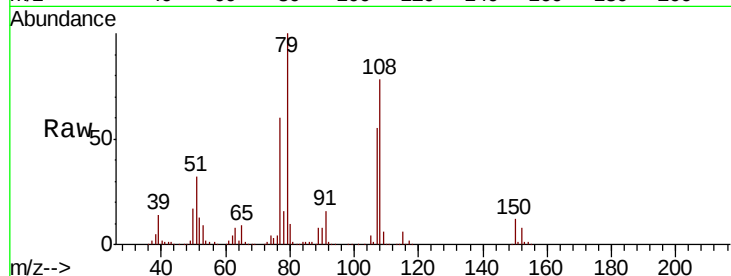
Tgt Ion: 79 Resp: 739910

Ion Ratio Lower Upper

79 100

108 77.9 62.1 93.1

77 60.3 51.0 76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.601 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

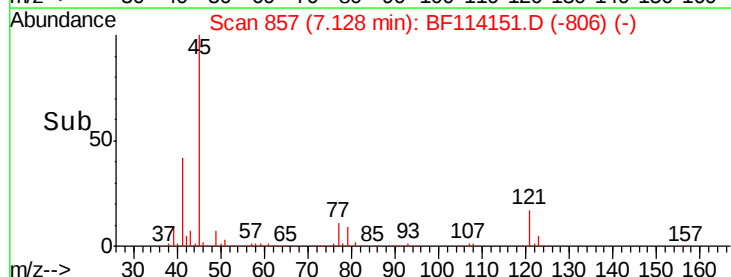
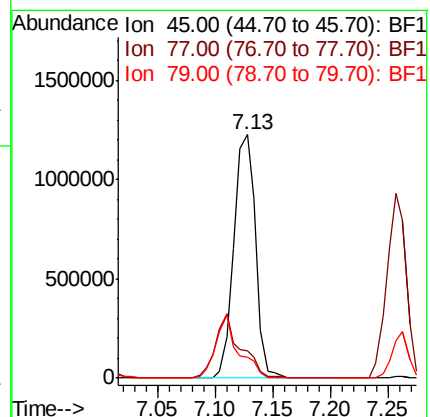
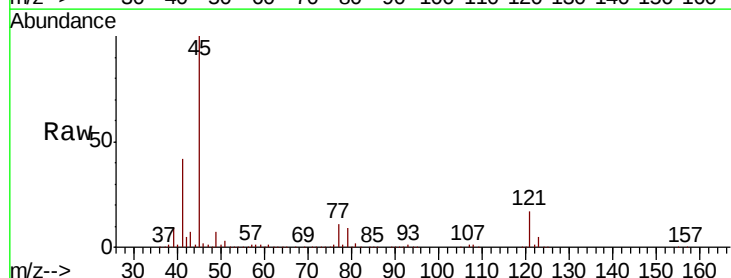
Tgt Ion: 45 Resp: 1592676

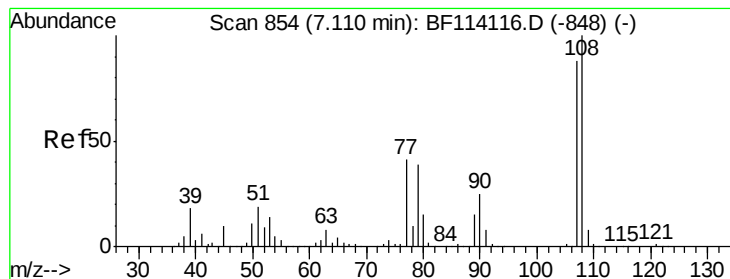
Ion Ratio Lower Upper

45 100

77 11.4 0.0 31.1

79 8.7 0.0 28.4

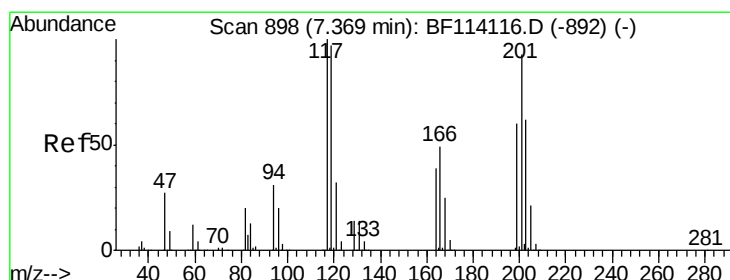
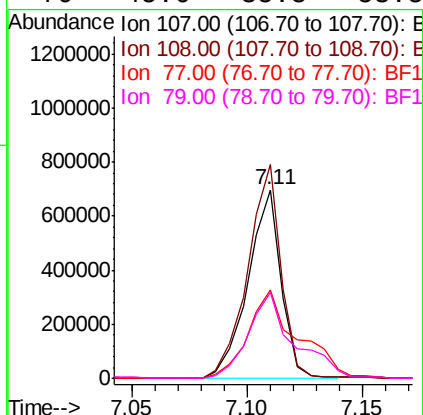
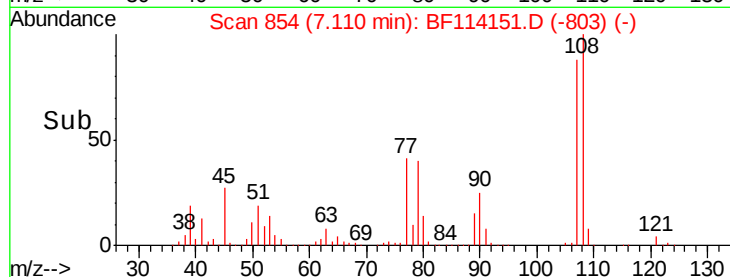
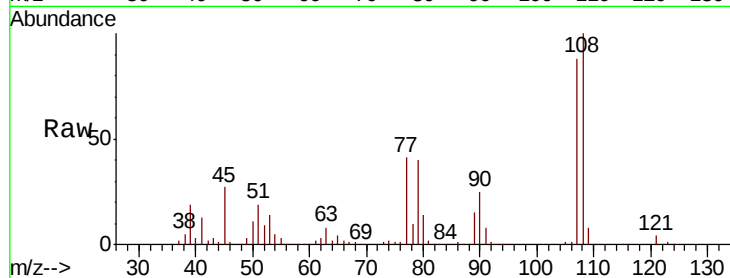




#17
2-Methylphenol
Concen: 41.592 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

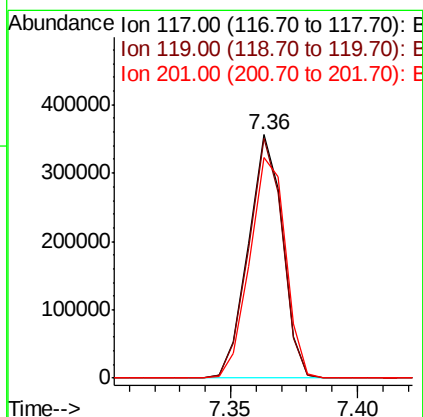
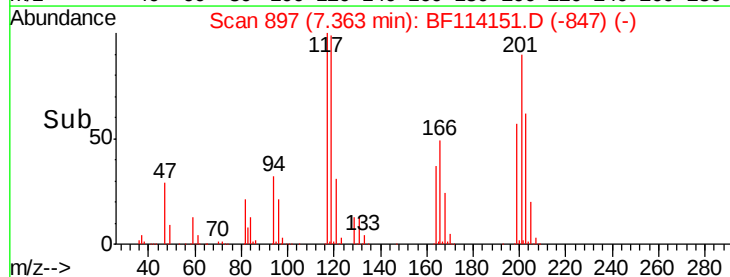
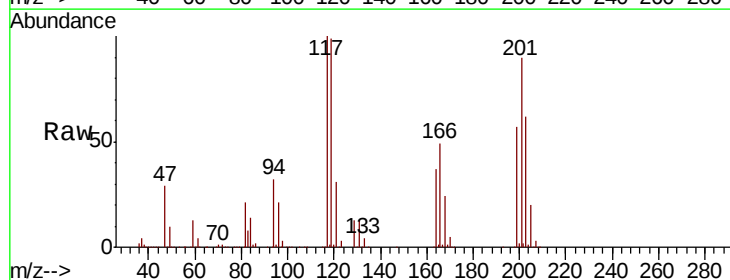
Instrument :
BNA_F
ClientSampleId :
PB119622BSD

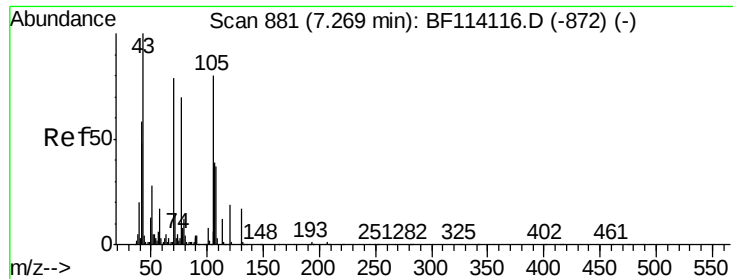
Tgt Ion:	107	Resp:	698602
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.5	135.7
77	46.9	37.0	55.4
79	45.6	35.8	53.8



#18
Hexachloroethane
Concen: 38.762 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion:	117	Resp:	336510
Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.4	116.2
201	90.5	74.5	111.7

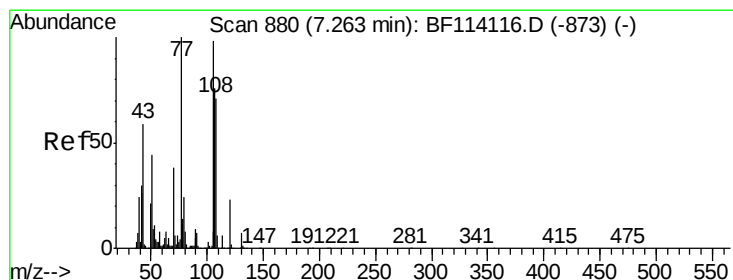
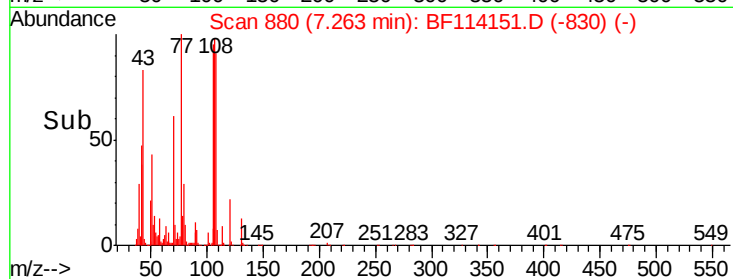
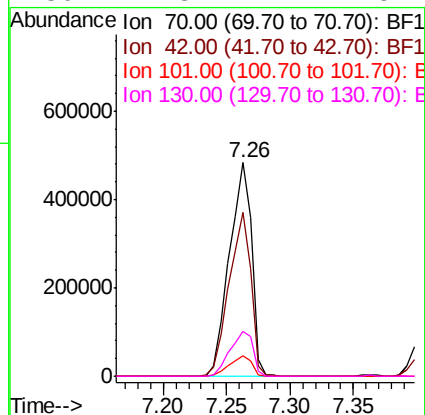
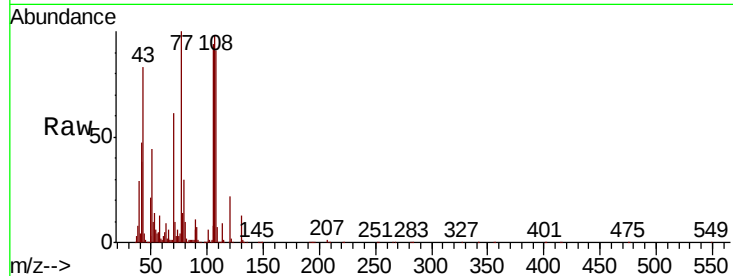




#19
n-Nitroso-di-n-propylamine
Concen: 40.803 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

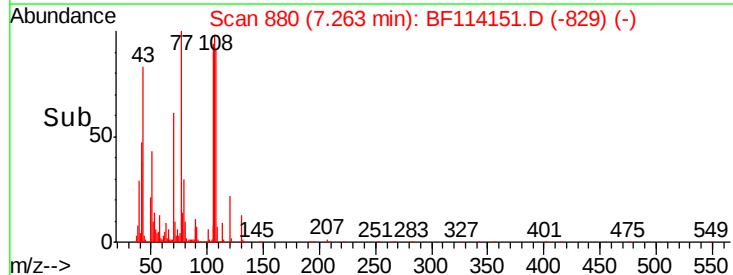
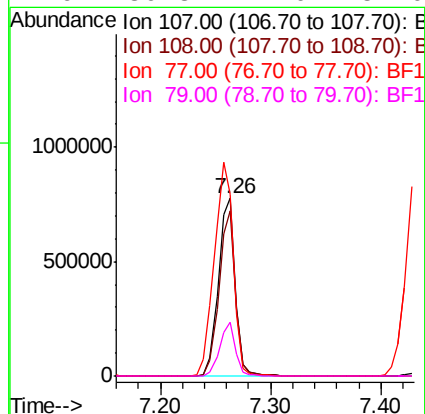
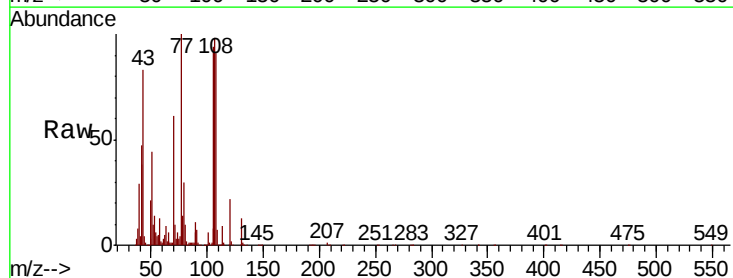
Instrument :
BNA_F
ClientSampleId :
PB119622BSD

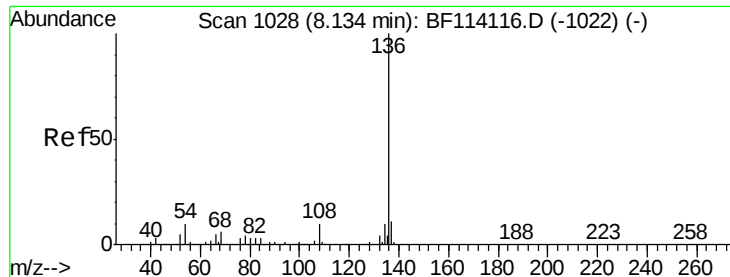
Tgt Ion:	70	Resp:	585883
Ion	Ratio	Lower	Upper
70	100		
42	76.6	58.6	87.8
101	9.4	7.8	11.8
130	21.3	17.1	25.7



#20
3+4-Methylphenols
Concen: 41.958 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion:	107	Resp:	814244
Ion	Ratio	Lower	Upper
107	100		
108	93.0	73.8	113.8
77	102.4	111.5	151.5#
79	30.3	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

Tgt Ion:136 Resp: 1193897

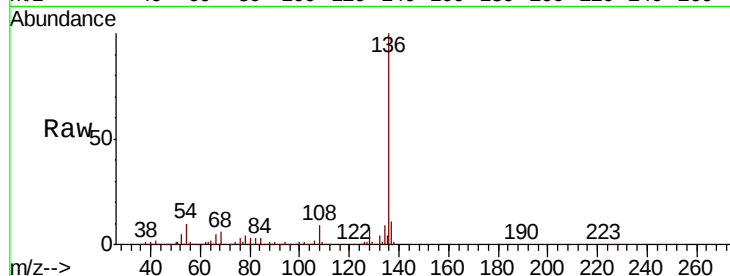
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.9 7.8 11.8

68 6.4 5.1 7.7

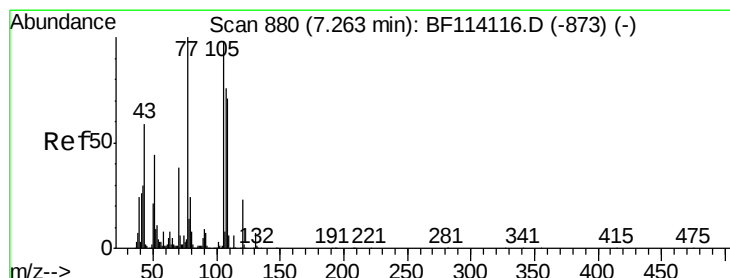
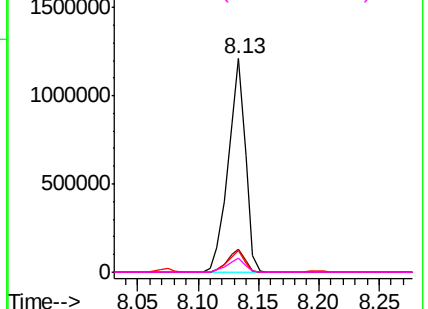
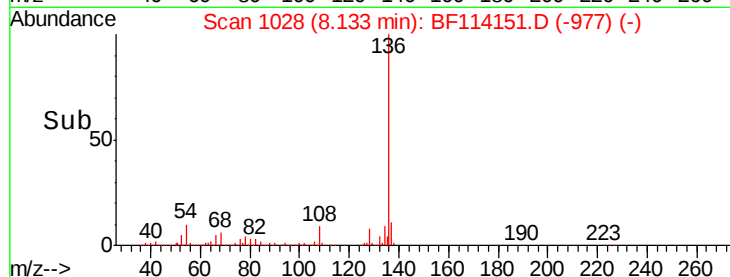


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.053 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Tgt Ion:105 Resp: 1112245

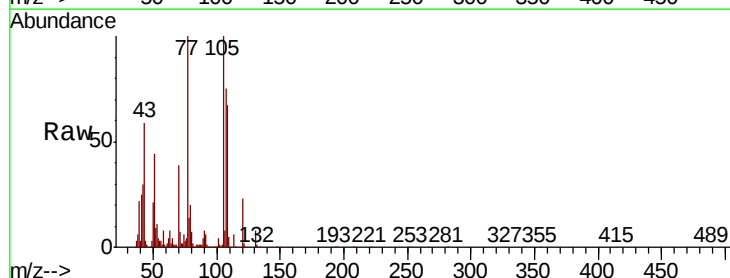
Ion Ratio Lower Upper

105 100

71 6.8 5.3 7.9

51 44.3 36.2 54.4

120 23.1 18.6 28.0

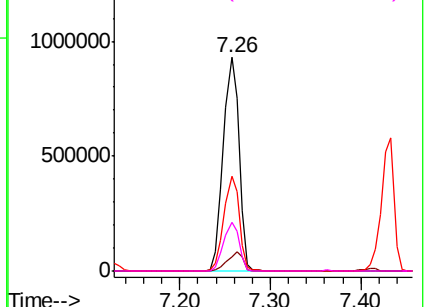
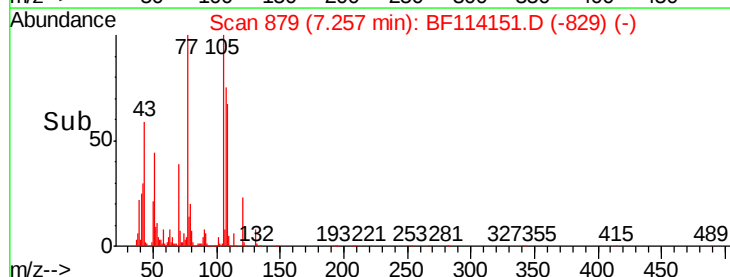


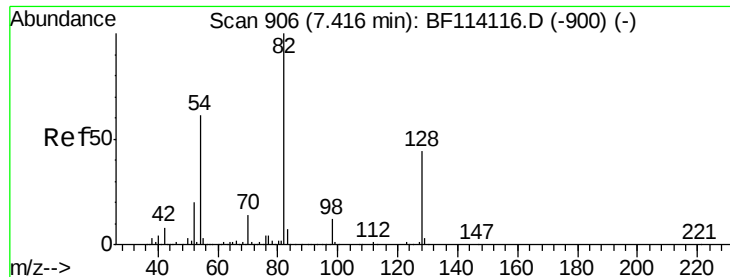
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

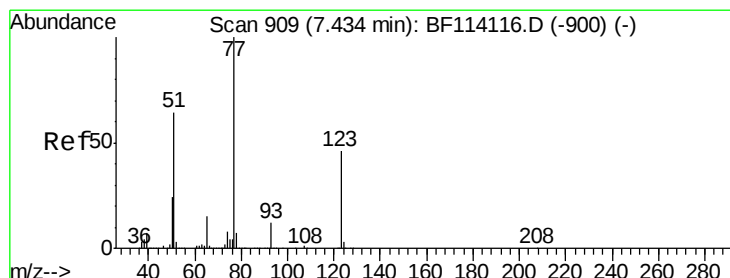
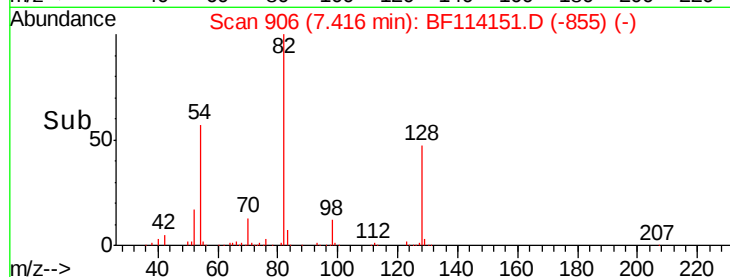
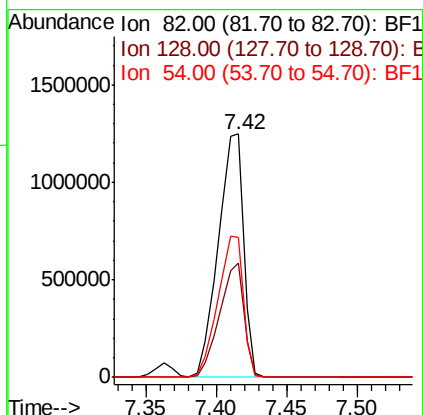
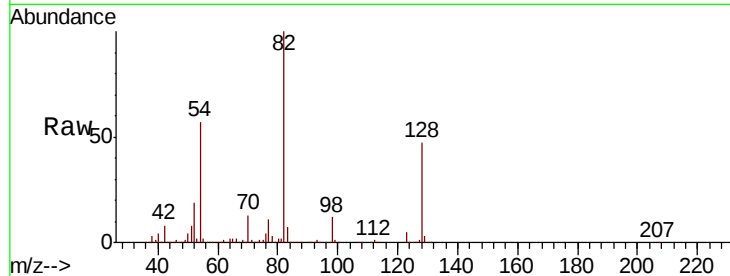




#23
 Nitrobenzene-d5
 Concen: 73.307 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

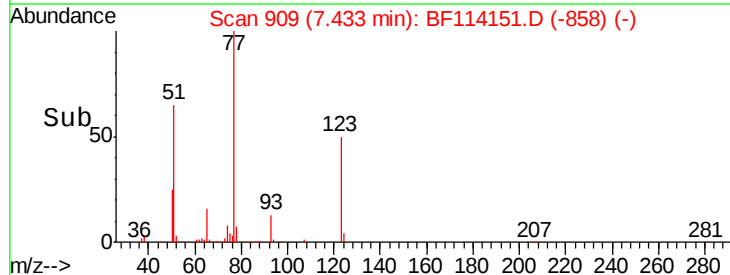
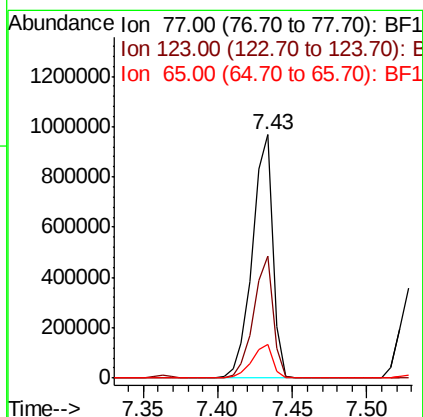
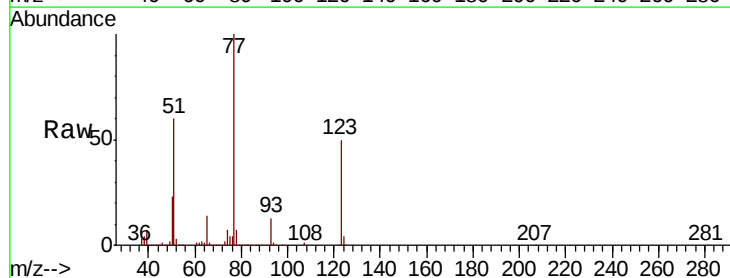
Instrument :
 BNA_F
 ClientSampleId :
 PB119622BSD

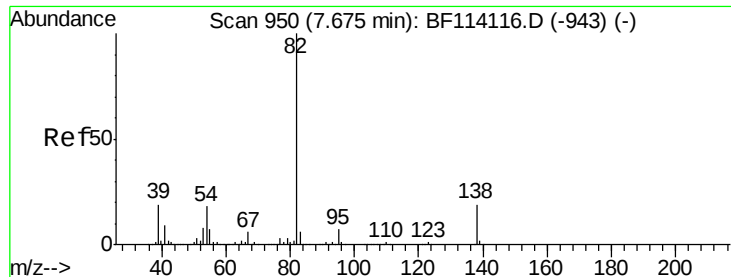
Tgt Ion: 82 Resp: 1559540
 Ion Ratio Lower Upper
 82 100
 128 46.8 35.5 53.3
 54 57.5 48.5 72.7



#24
 Nitrobenzene
 Concen: 42.089 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Tgt Ion: 77 Resp: 911980
 Ion Ratio Lower Upper
 77 100
 123 50.2 36.9 55.3
 65 14.0 11.8 17.6

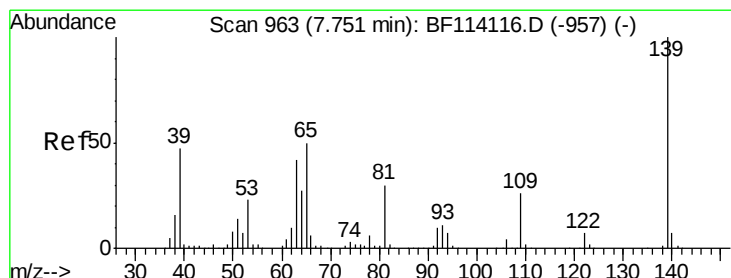
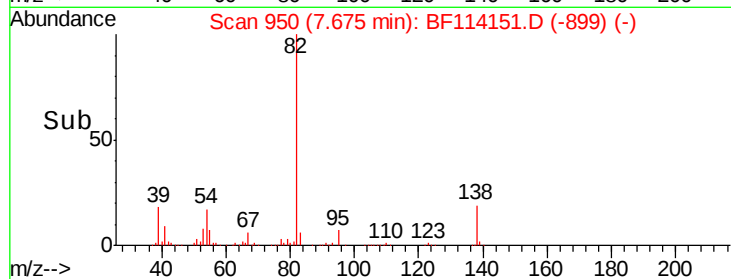
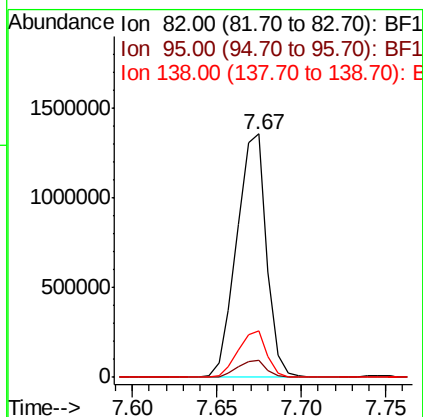
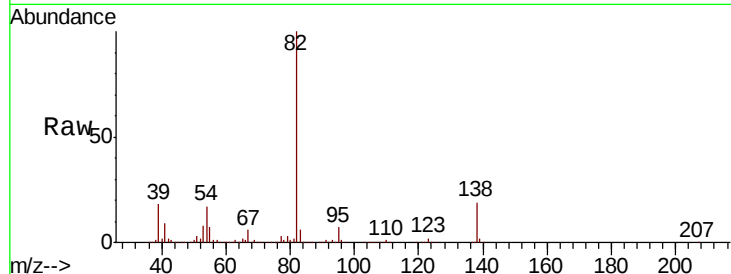




#25
Isophorone
Concen: 42.259 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

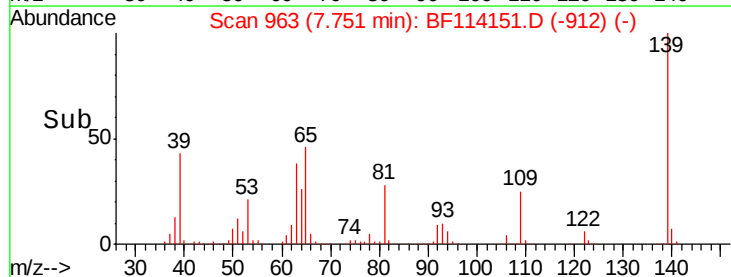
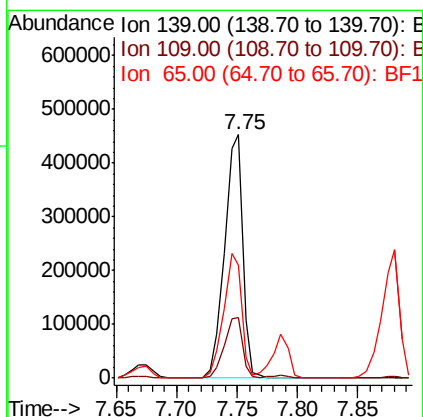
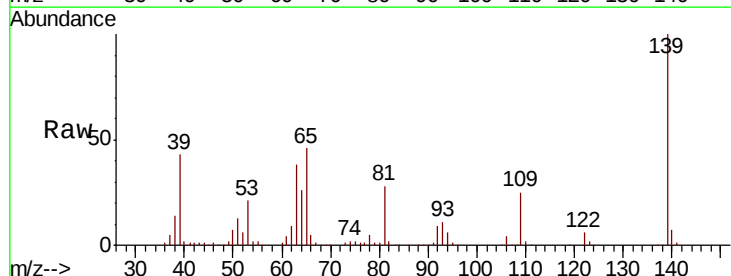
Instrument :
BNA_F
ClientSampleId :
PB119622BSD

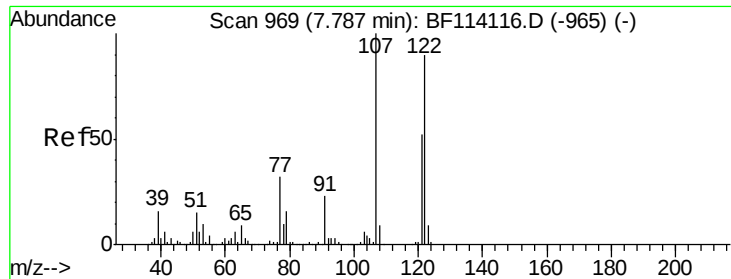
Tgt Ion: 82 Resp: 1667329
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 19.0 14.8 22.2



#26
2-Nitrophenol
Concen: 44.958 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion: 139 Resp: 472620
Ion Ratio Lower Upper
139 100
109 24.8 20.7 31.1
65 46.4 40.2 60.2

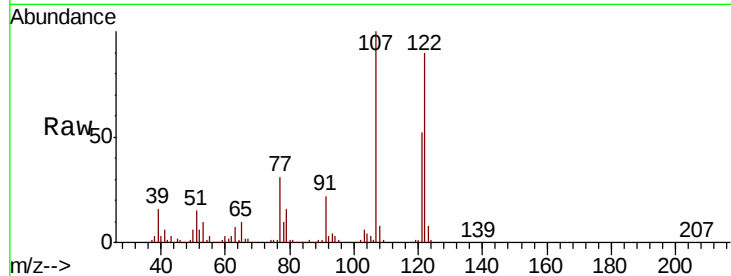




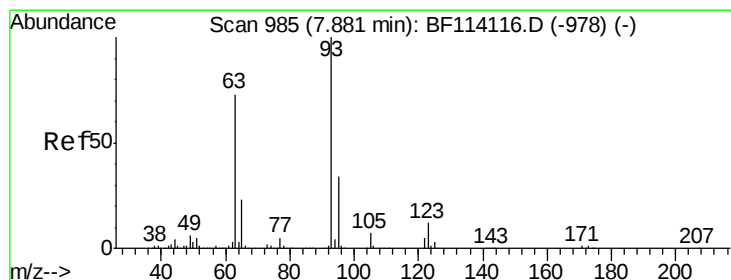
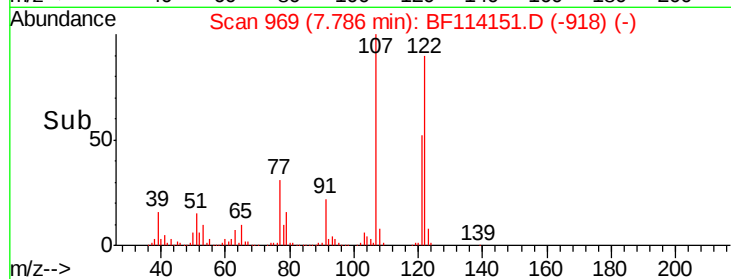
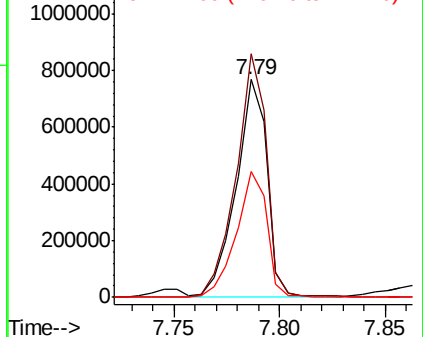
#27
 2,4-Dimethylphenol
 Concen: 47.196 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BSD

Tgt Ion:122 Resp: 779241
 Ion Ratio Lower Upper
 122 100
 107 111.7 88.4 132.6
 121 58.0 45.9 68.9

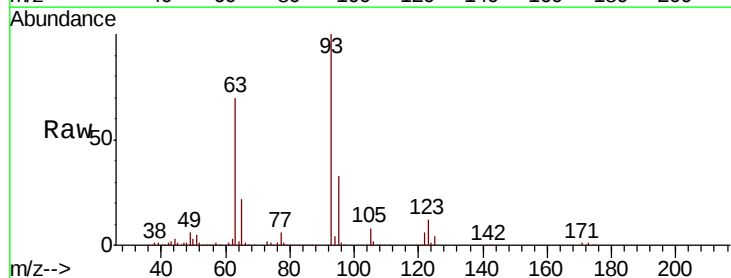


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

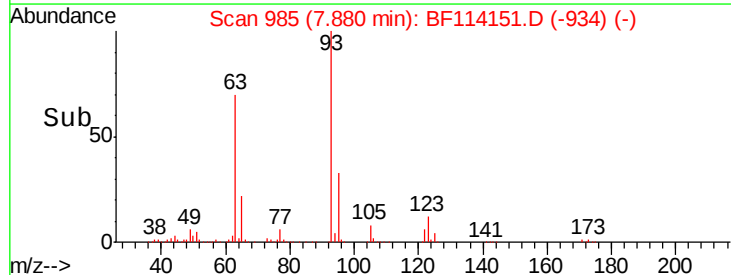
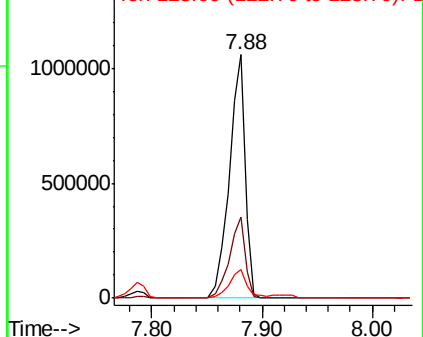


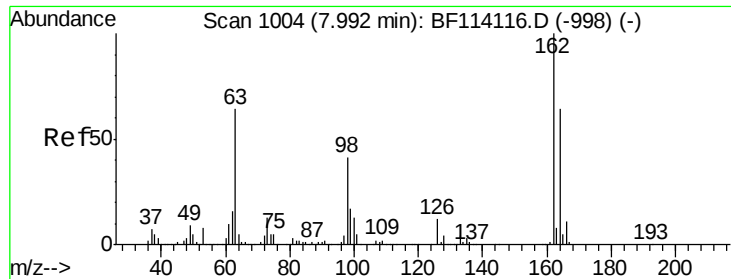
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.659 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Tgt Ion: 93 Resp: 1066458
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.8 40.2
 123 11.7 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

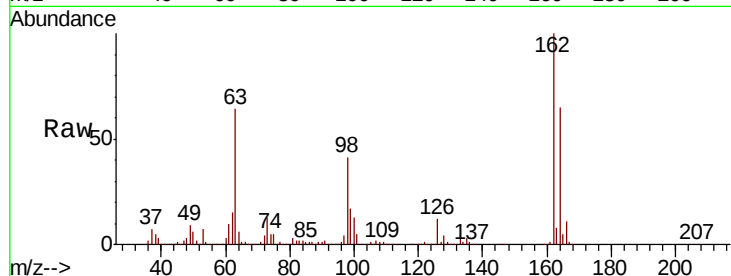




#29
2,4-Dichlorophenol
Concen: 42.912 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	43.6	83.6
98	40.7	20.6	60.6

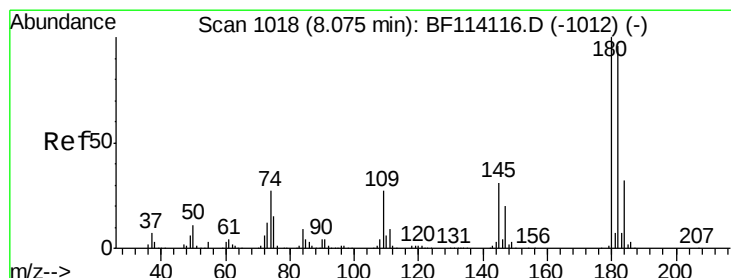
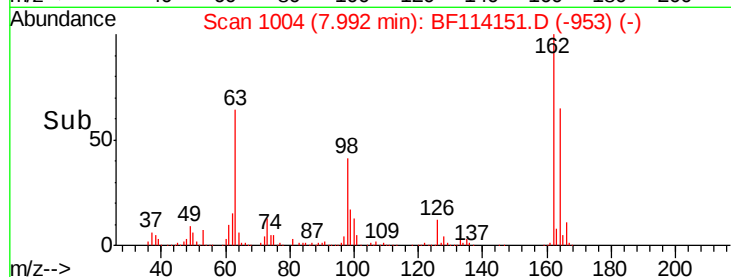
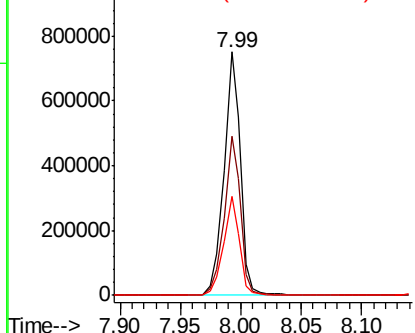


Abundance

Ion 162.00 (161.70 to 162.70): E

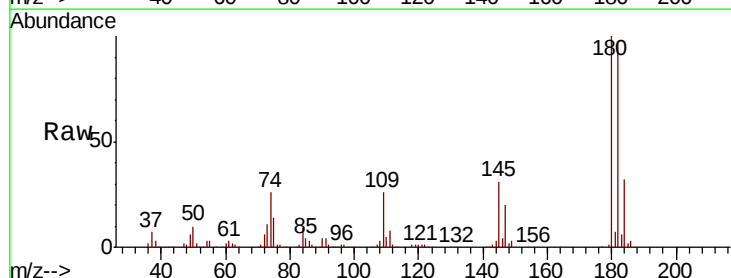
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.475 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.6	114.8
145	31.1	25.1	37.7

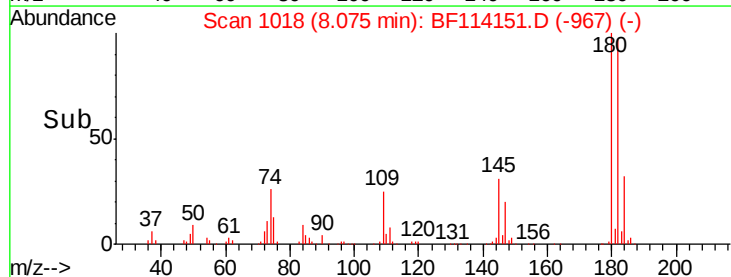
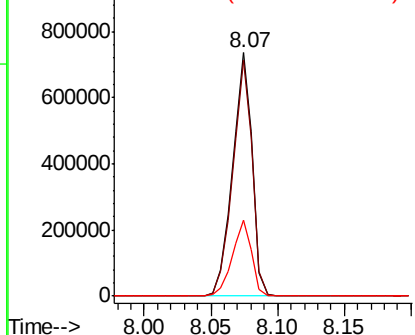


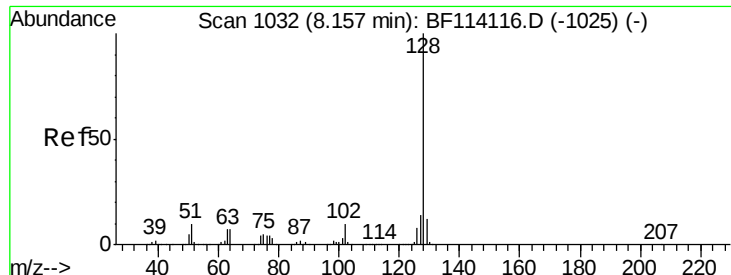
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

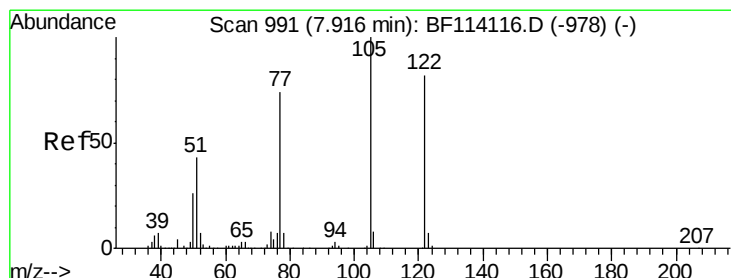
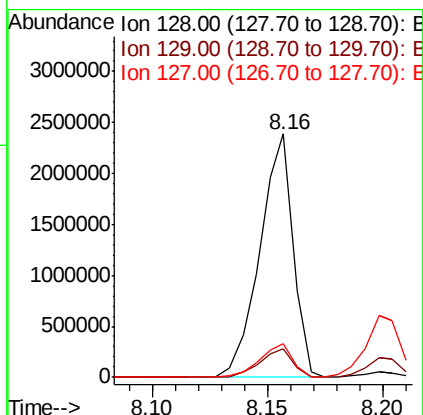
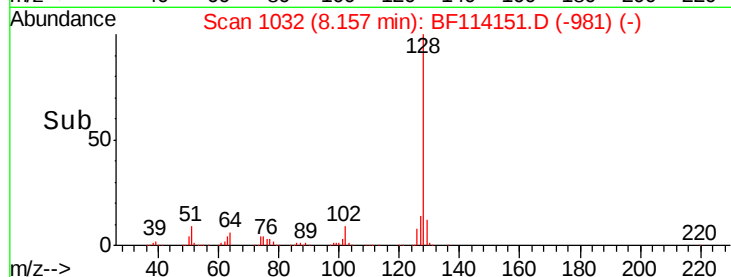
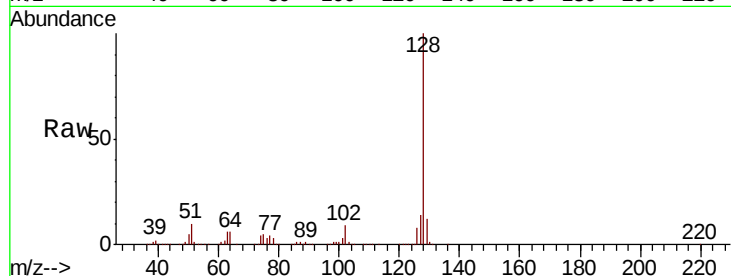




#31
Naphthalene
Concen: 42.966 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

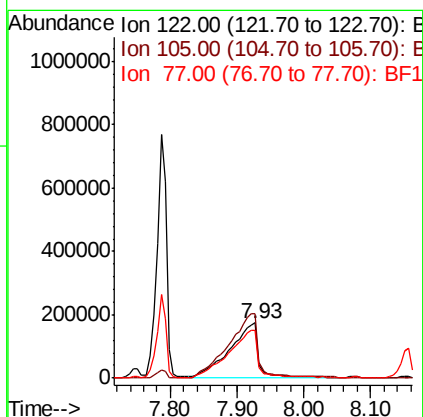
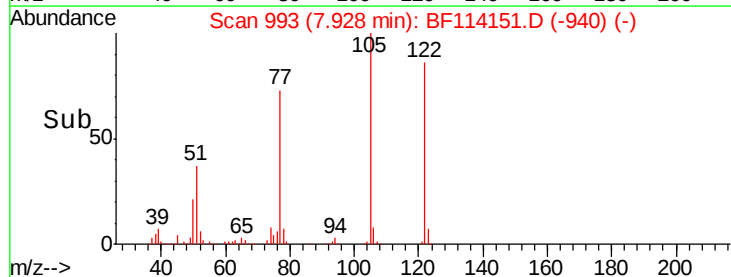
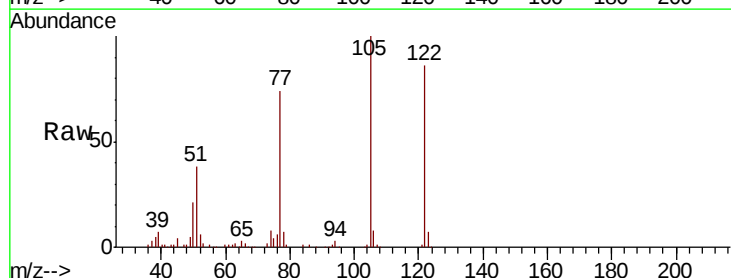
Instrument :
BNA_F
ClientSampleId :
PB119622BSD

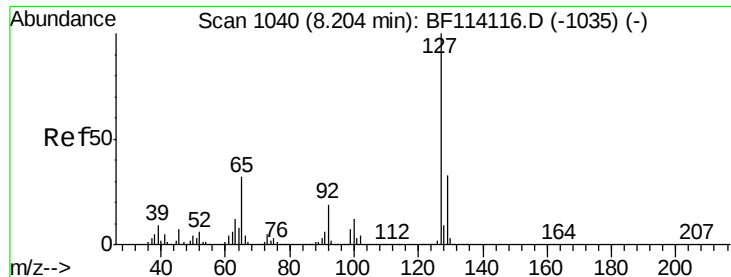
Tgt Ion:128 Resp: 2396142
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 13.9 11.3 16.9



#32
Benzoic acid
Concen: 44.907 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion:122 Resp: 522428
Ion Ratio Lower Upper
122 100
105 116.7 99.9 139.9
77 86.1 69.4 109.4

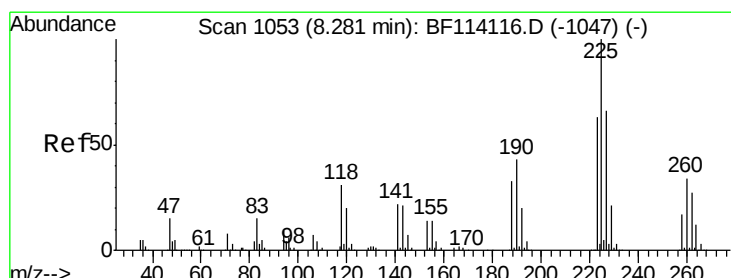
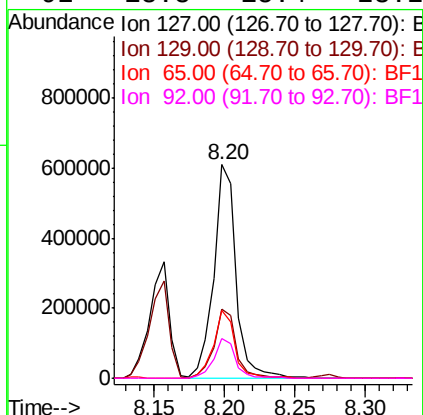
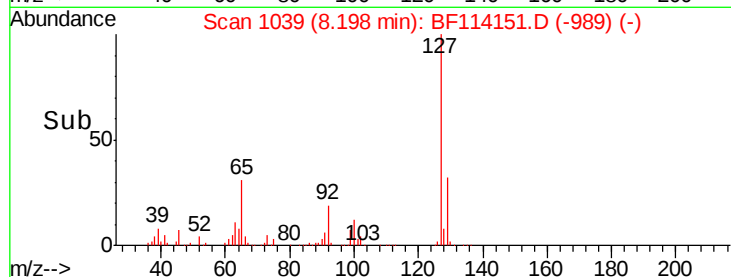
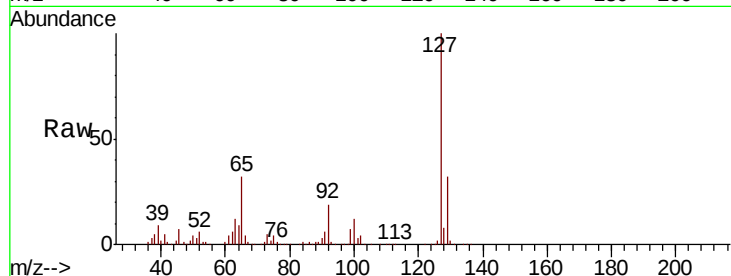




#33
4-Chloroaniline
Concen: 26.340 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

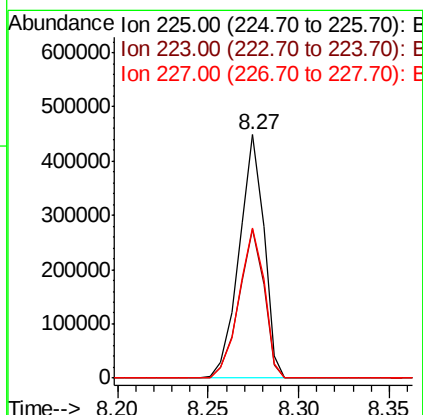
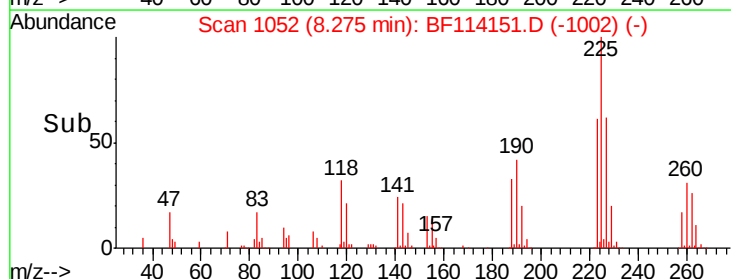
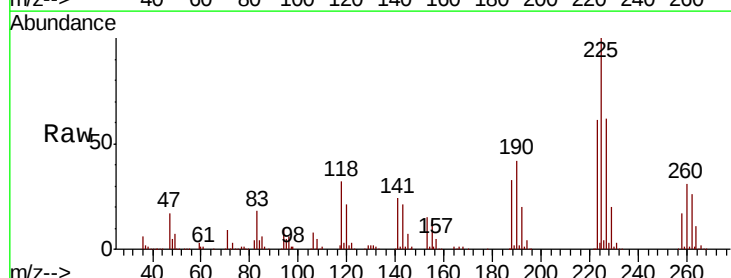
Instrument :
BNA_F
ClientSampleId :
PB119622BSD

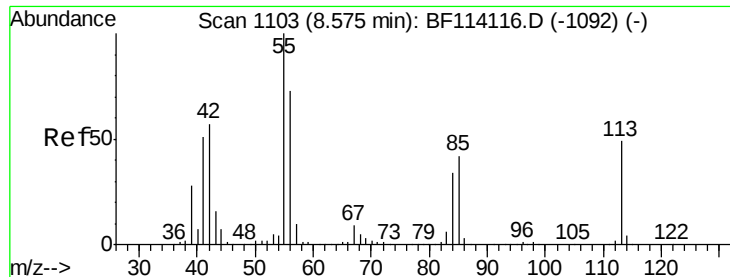
Tgt Ion:	127	Resp:	669398
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.7	40.1
65	32.0	25.4	38.0
92	18.8	15.4	23.2



#34
Hexachlorobutadiene
Concen: 40.240 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion:	225	Resp:	428042
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.2	75.2
227	61.8	52.6	79.0





#35

Caprolactam

Concen: 21.431 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

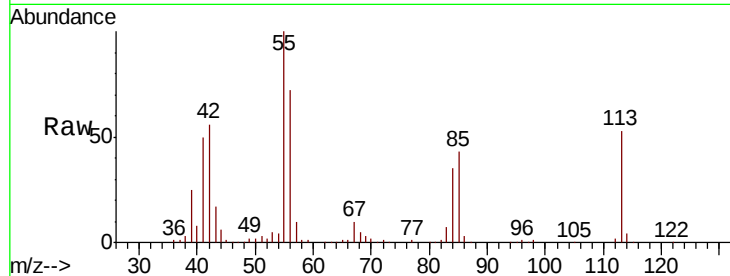
Tgt Ion:113 Resp: 114890

Ion Ratio Lower Upper

113 100

55 189.6 183.5 223.5

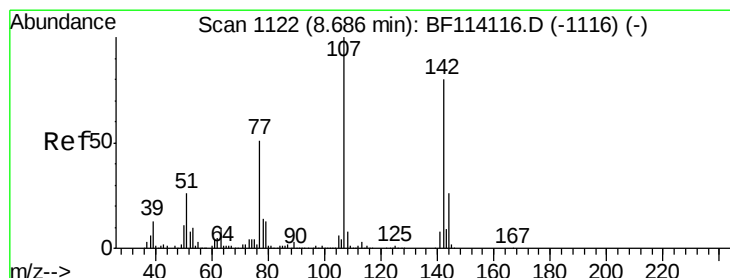
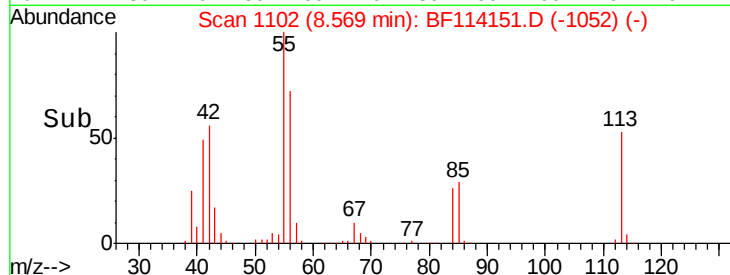
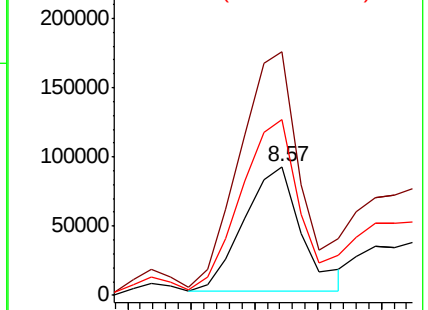
56 136.5 128.8 168.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.498 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

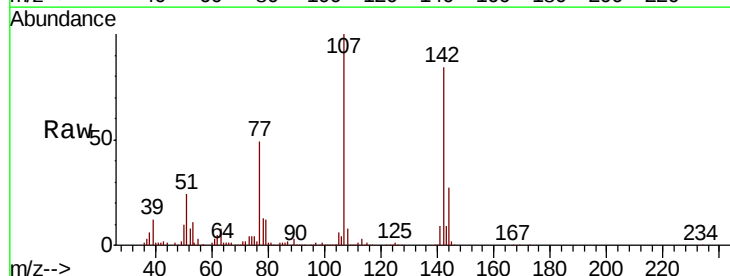
Tgt Ion:107 Resp: 752947

Ion Ratio Lower Upper

107 100

144 26.9 20.4 30.6

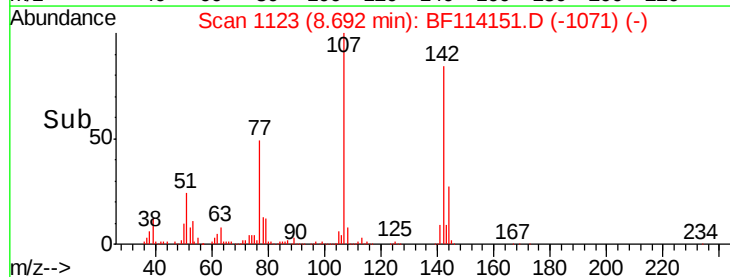
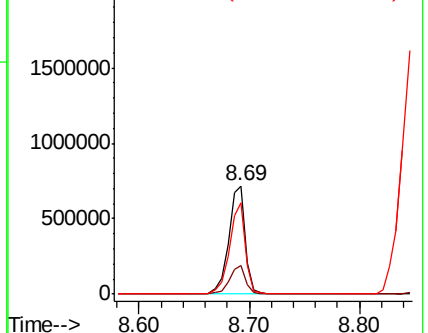
142 83.8 64.2 96.4

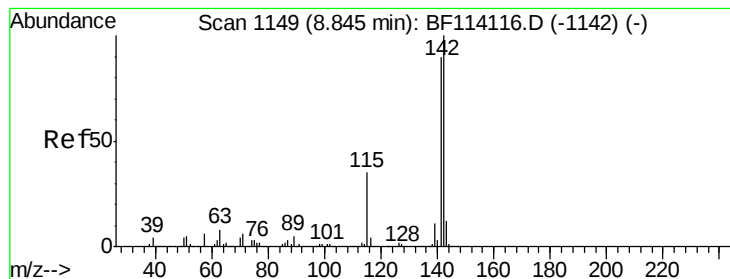


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.277 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

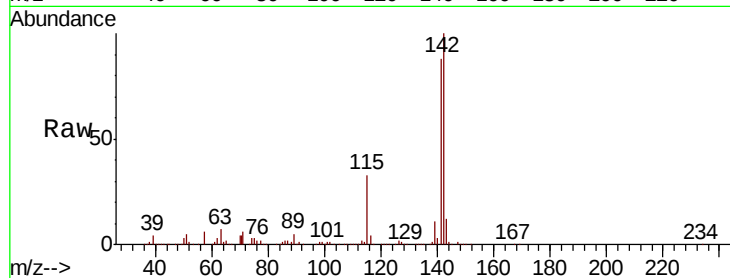
Tgt Ion:142 Resp: 1629123

Ion Ratio Lower Upper

142 100

141 88.4 72.1 108.1

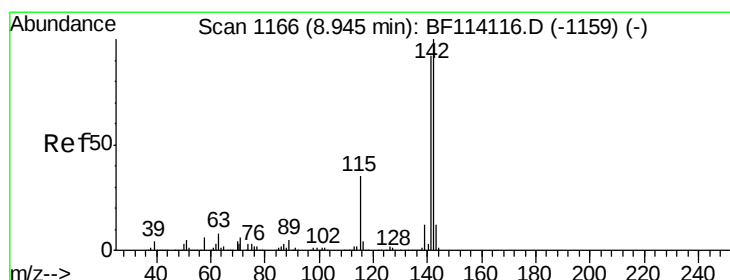
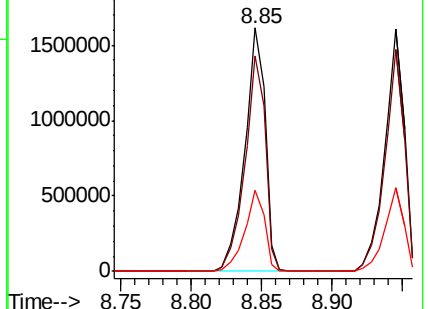
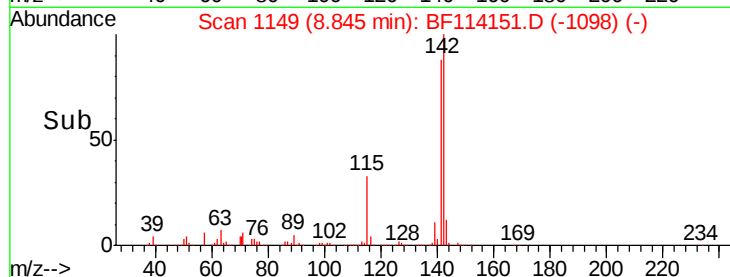
115 33.3 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.232 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

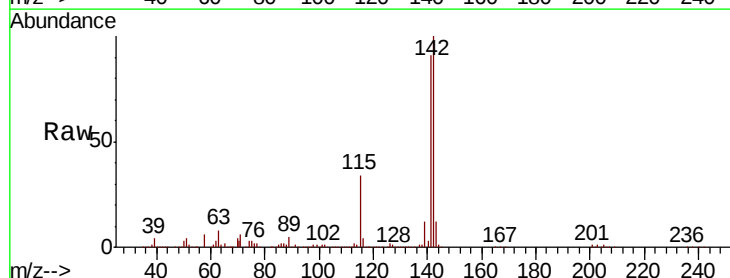
Tgt Ion:142 Resp: 1532676

Ion Ratio Lower Upper

142 100

141 91.2 73.4 110.0

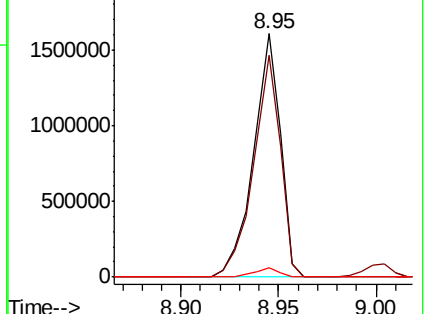
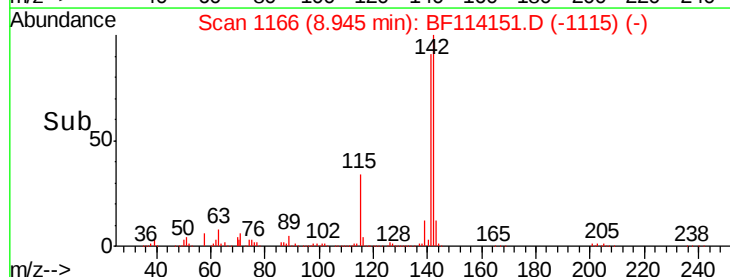
116 3.6 3.1 4.7

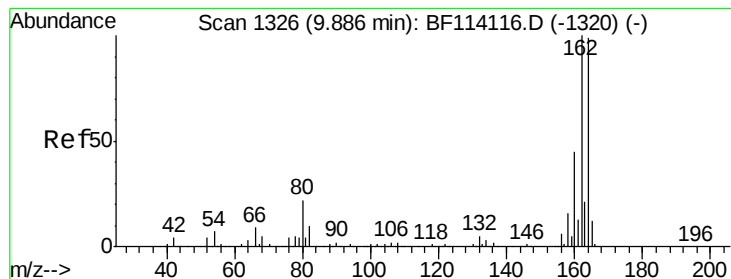


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

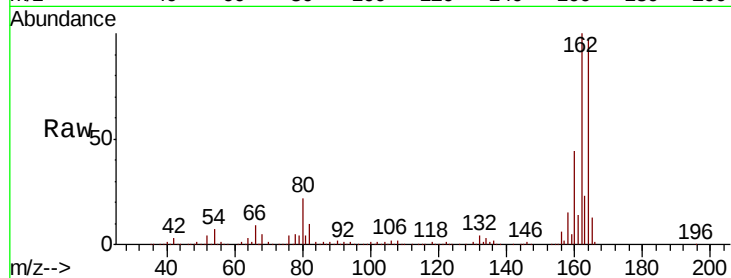
Tgt Ion:164 Resp: 560913

Ion Ratio Lower Upper

164 100

162 103.1 80.6 120.8

160 45.8 36.5 54.7

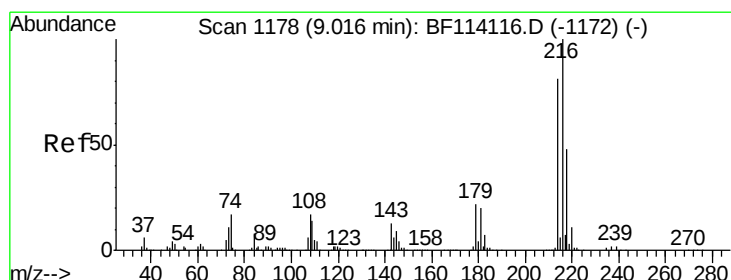
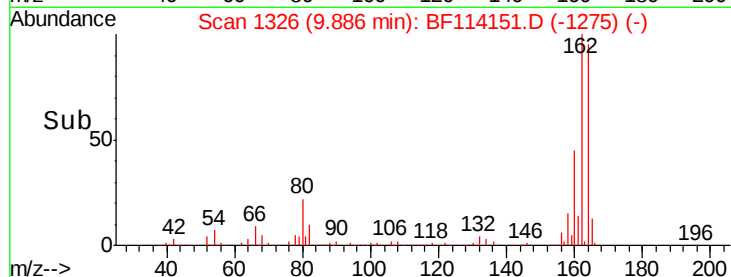
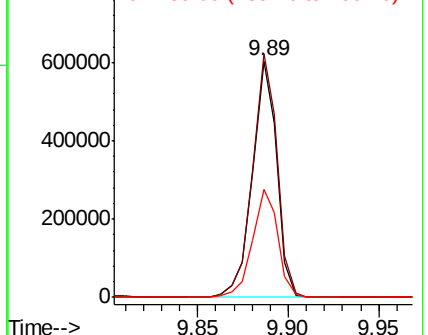


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.674 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Tgt Ion:216 Resp: 708095

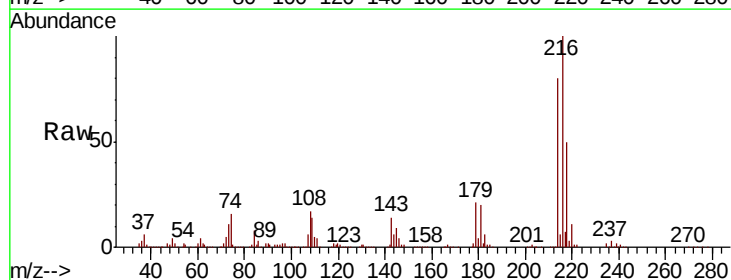
Ion Ratio Lower Upper

216 100

214 80.3 63.9 95.9

179 21.0 17.0 25.6

108 20.1 14.8 22.2



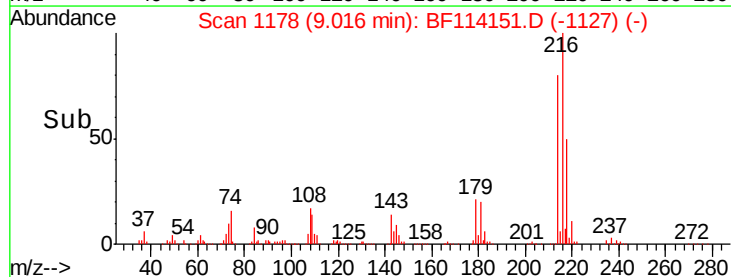
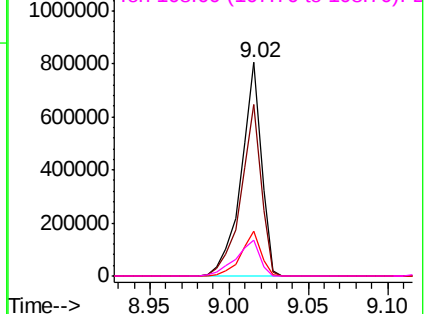
Abundance

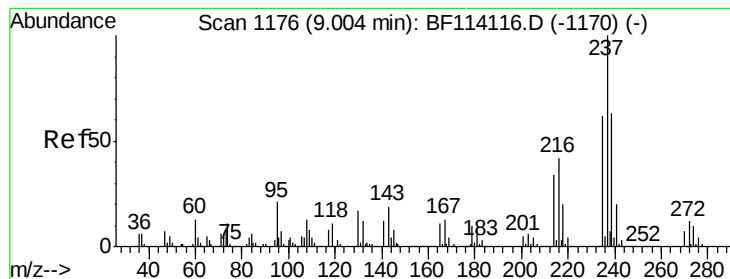
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 84.837 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

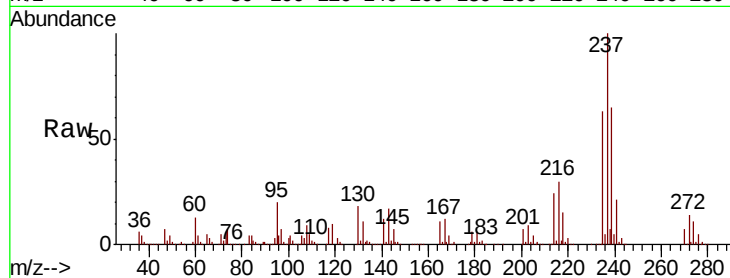
Tgt Ion:237 Resp: 673748

Ion Ratio Lower Upper

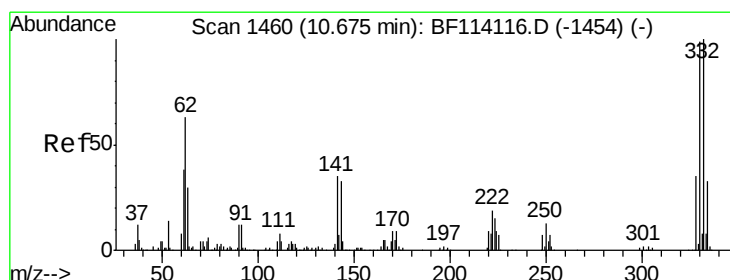
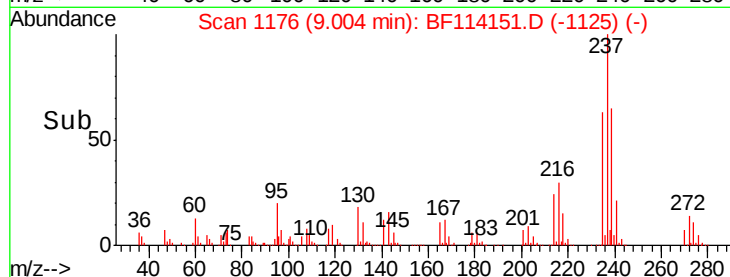
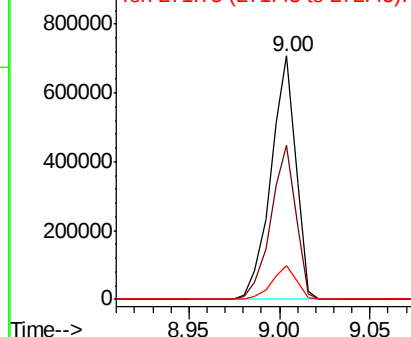
237 100

235 63.3 42.0 82.0

272 13.8 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 120.895 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

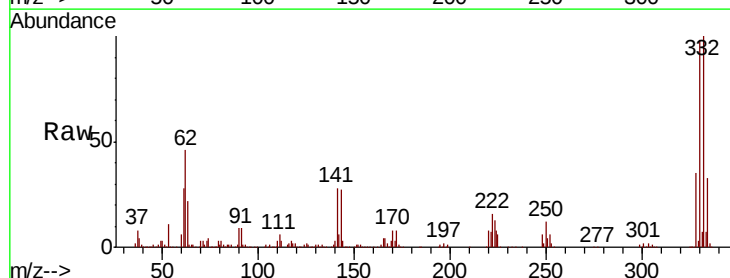
Tgt Ion:330 Resp: 701059

Ion Ratio Lower Upper

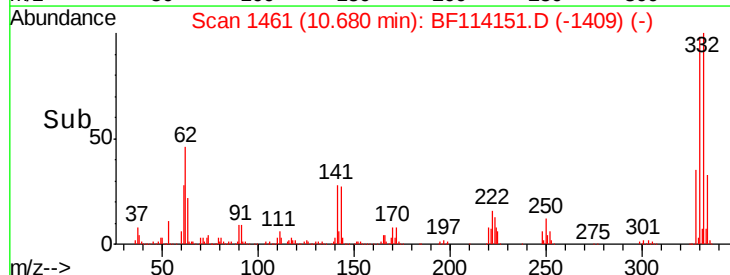
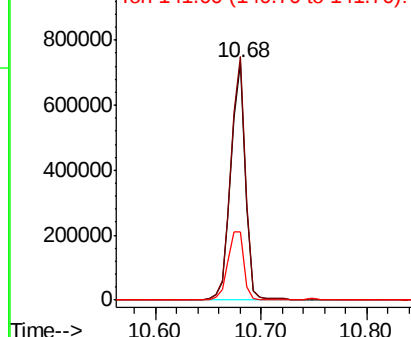
330 100

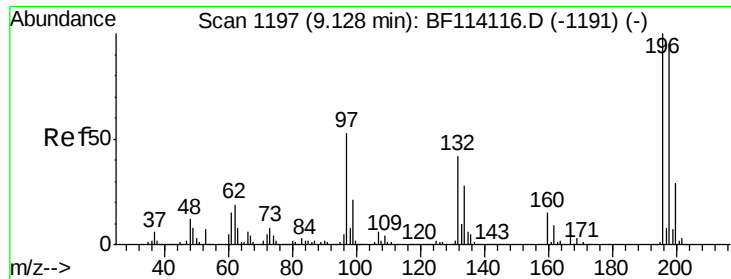
332 102.7 81.4 122.2

141 31.9 26.6 40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

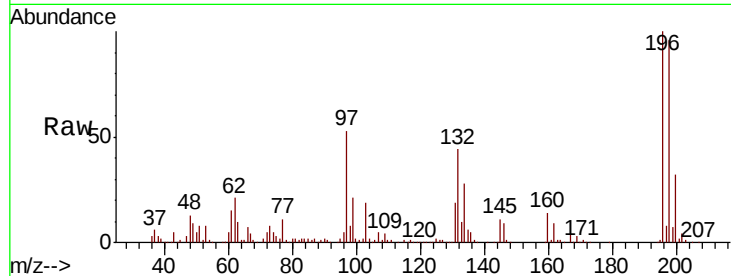




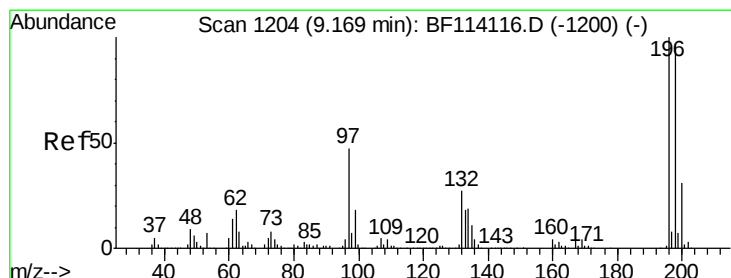
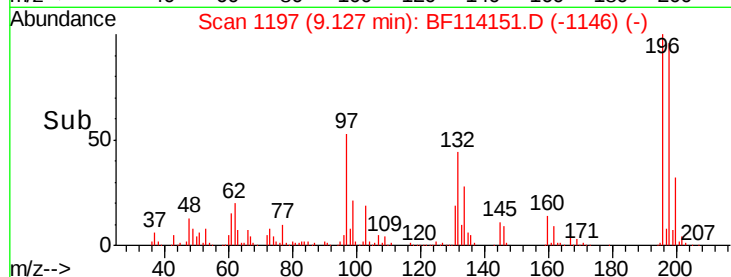
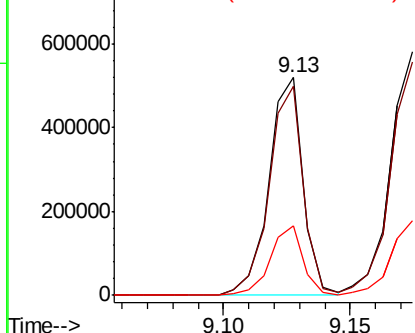
#43
 2,4,6-Trichlorophenol
 Concen: 41.945 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BSD

Tgt Ion:196 Resp: 490220
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.9 113.9
 200 31.9 23.5 35.3

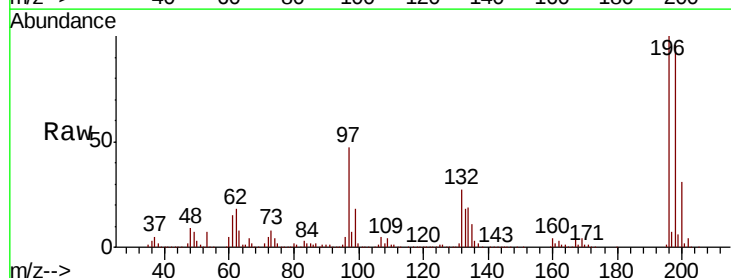


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

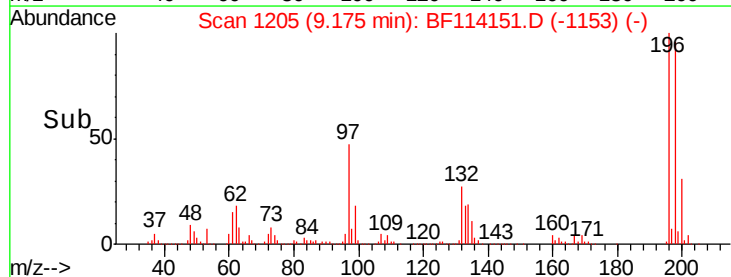
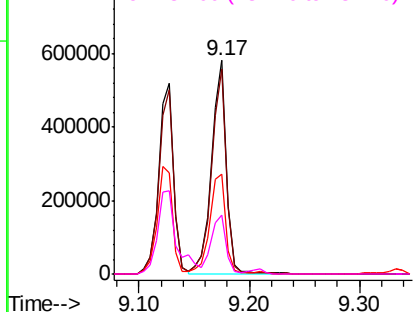


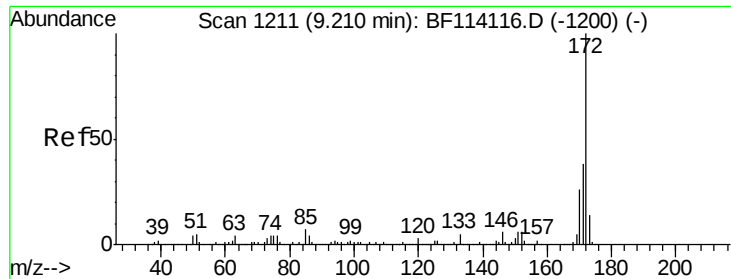
#44
 2,4,5-Trichlorophenol
 Concen: 43.999 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Tgt Ion:196 Resp: 527355
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.7 116.5
 97 46.8 38.2 57.2
 132 27.5 21.4 32.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

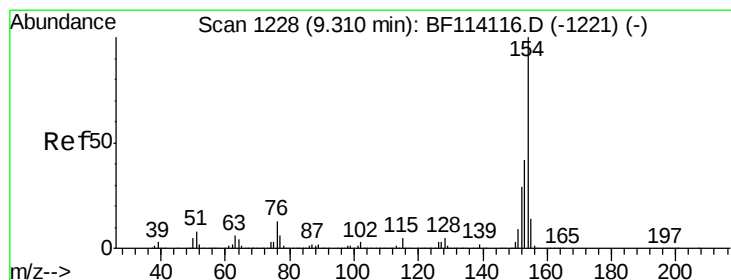
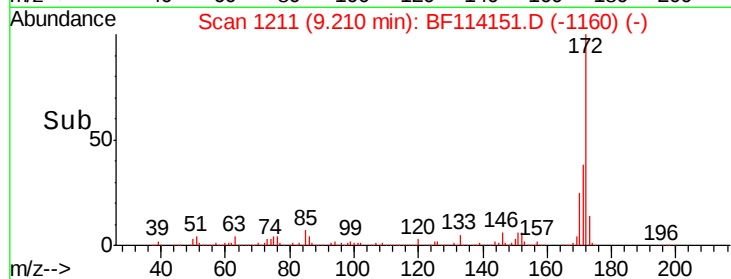
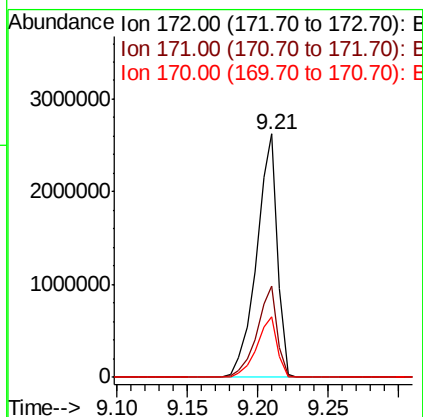
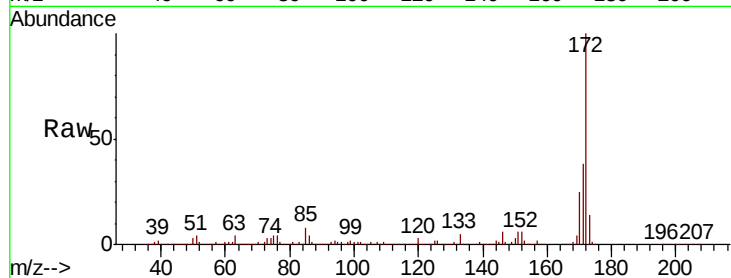




#45
2-Fluorobiphenyl
Concen: 73.258 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

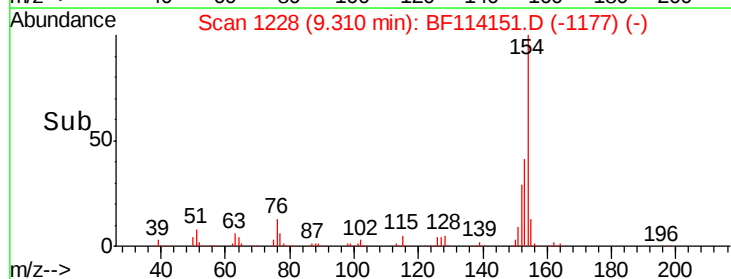
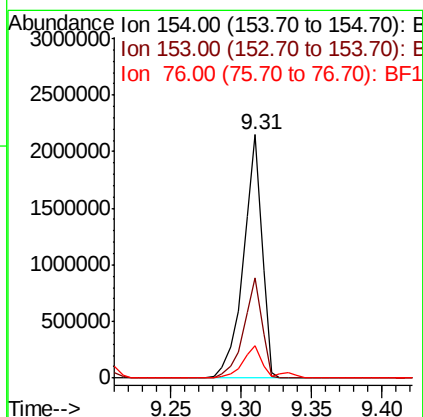
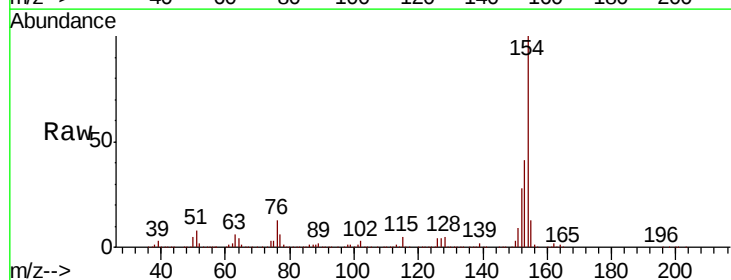
Instrument :
BNA_F
ClientSampleId :
PB119622BSD

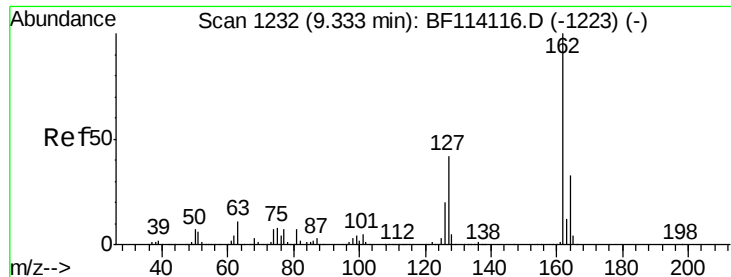
Tgt Ion:172 Resp: 2716503
Ion Ratio Lower Upper
172 100
171 37.6 30.7 46.1
170 25.0 20.5 30.7



#46
1,1'-Biphenyl
Concen: 43.295 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion:154 Resp: 1961863
Ion Ratio Lower Upper
154 100
153 41.4 21.9 61.9
76 13.3 0.0 32.8





#47

2-Chloronaphthalene

Concen: 41.376 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

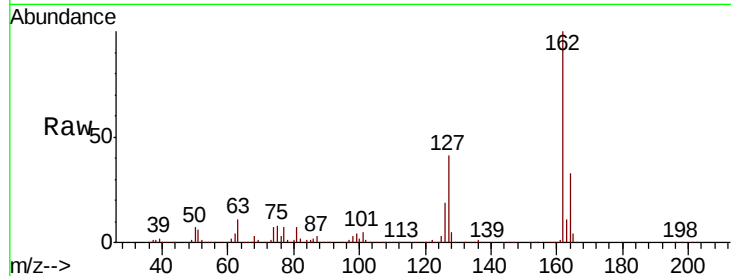
Tgt Ion:162 Resp: 1508902

Ion Ratio Lower Upper

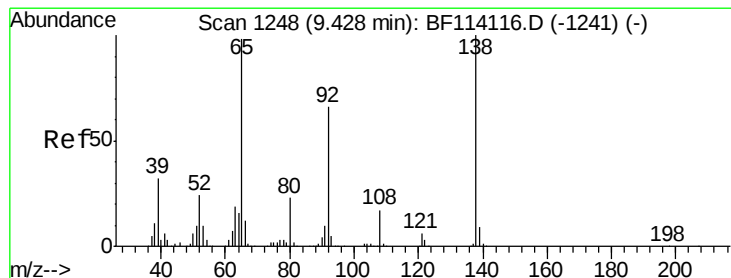
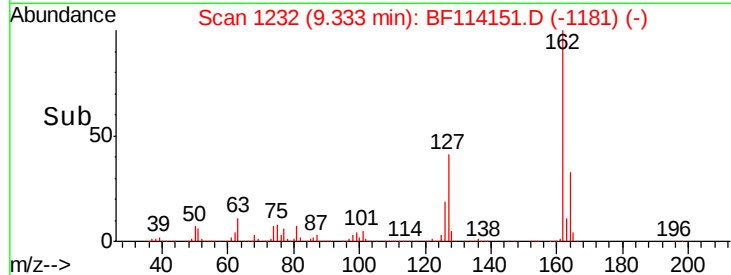
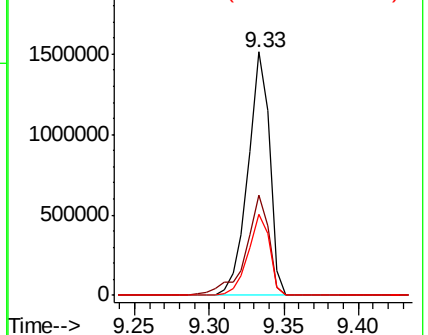
162 100

127 41.1 34.0 51.0

164 33.1 26.7 40.1



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.389 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

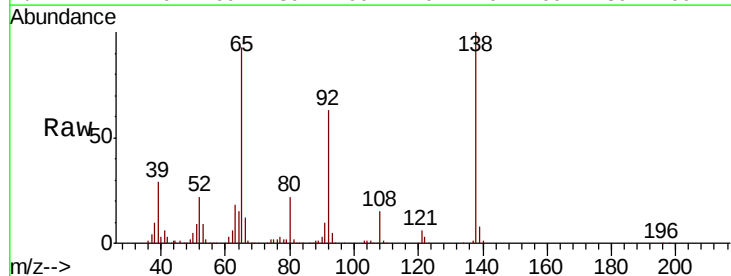
Tgt Ion: 65 Resp: 509441

Ion Ratio Lower Upper

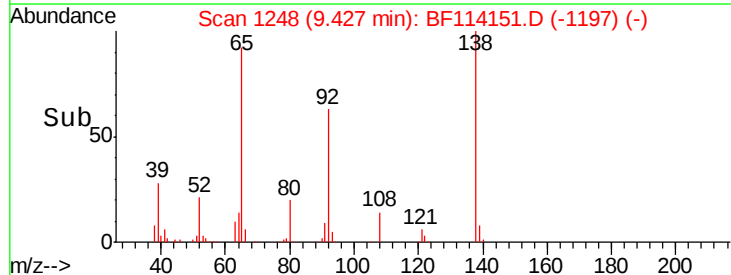
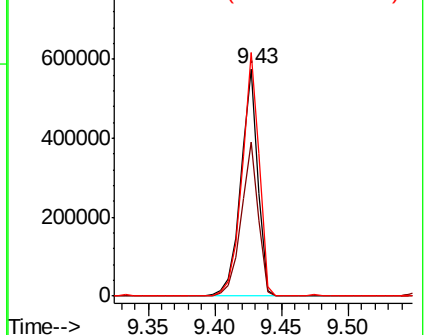
65 100

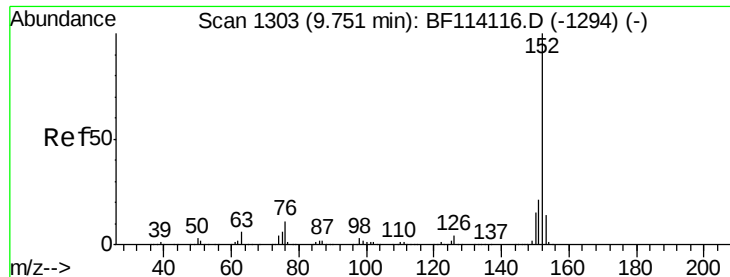
92 67.9 53.9 80.9

138 107.2 81.4 122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.968 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

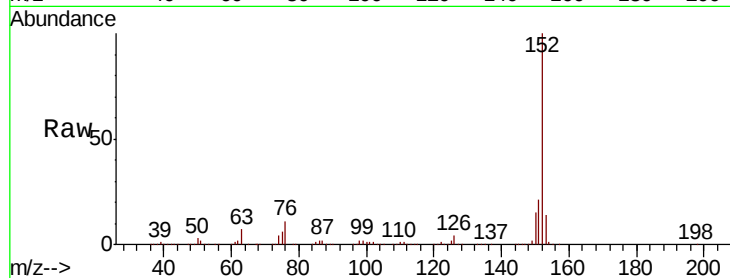
Tgt Ion:152 Resp: 2383246

Ion Ratio Lower Upper

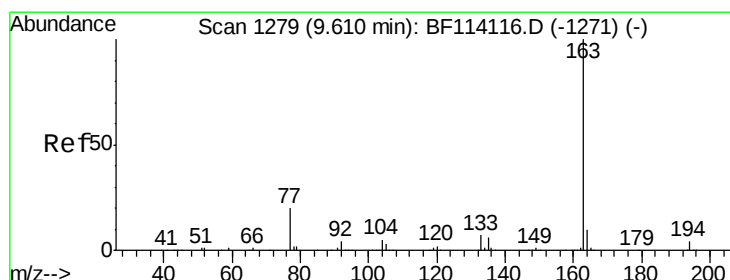
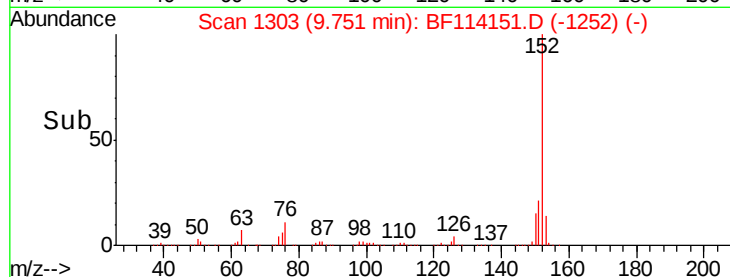
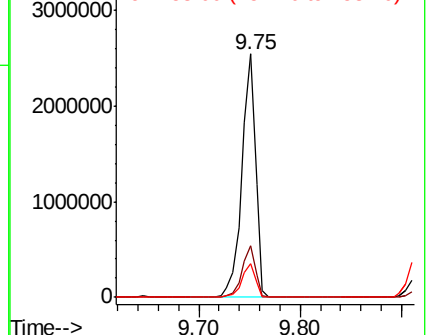
152 100

151 21.2 16.8 25.2

153 14.1 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.483 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

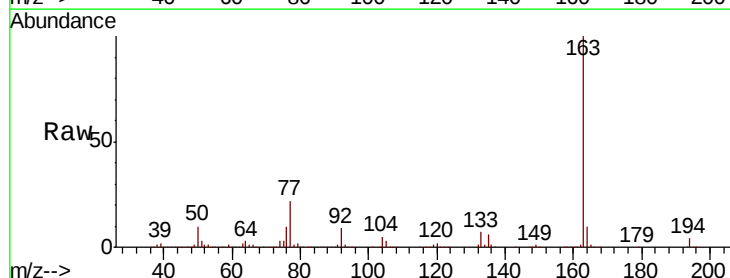
Tgt Ion:163 Resp: 1708122

Ion Ratio Lower Upper

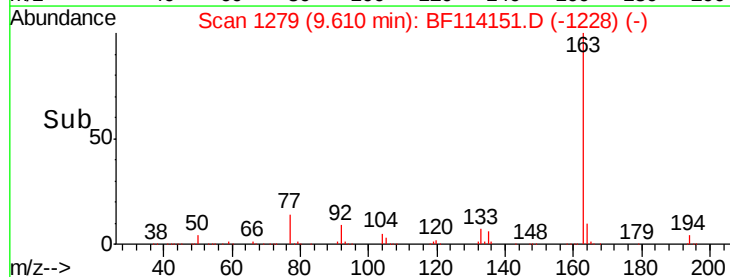
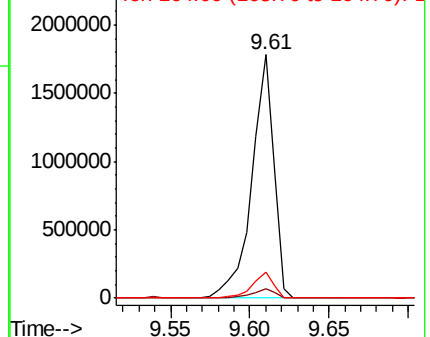
163 100

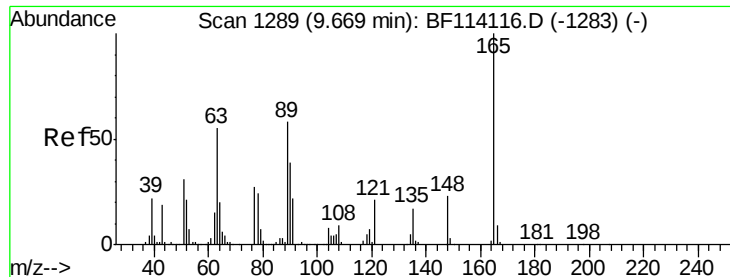
194 4.1 3.4 5.0

164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

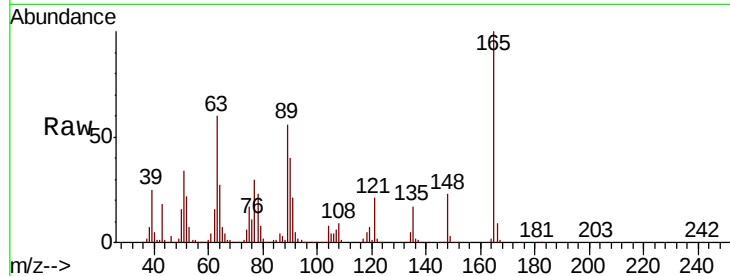




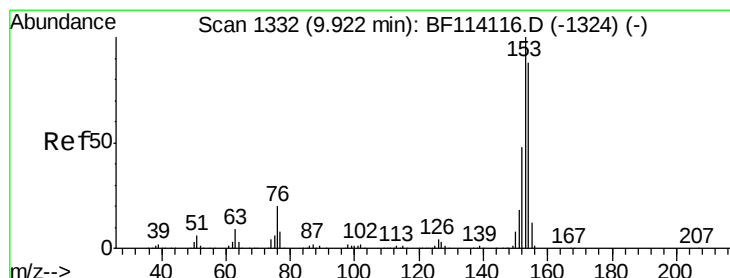
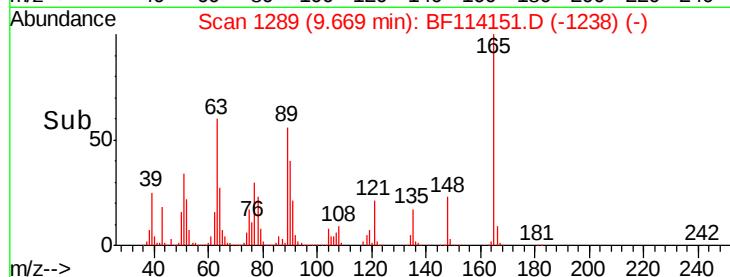
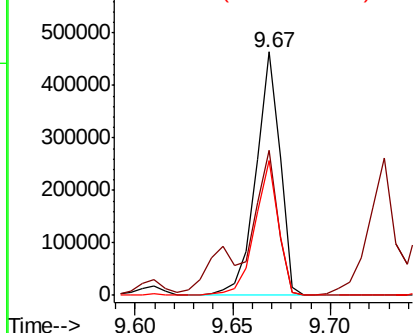
#51
 2,6-Dinitrotoluene
 Concen: 43.473 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BSD

Tgt Ion:165 Resp: 397029
 Ion Ratio Lower Upper
 165 100
 63 59.8 50.2 75.4
 89 55.6 46.6 69.8

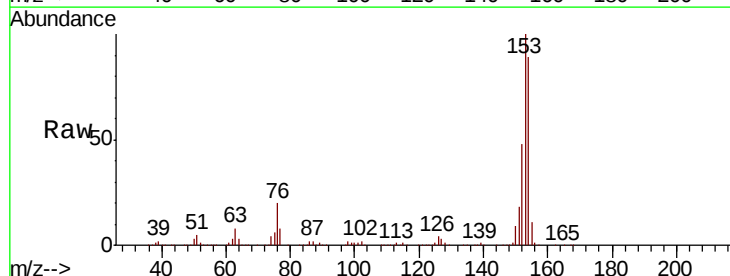


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

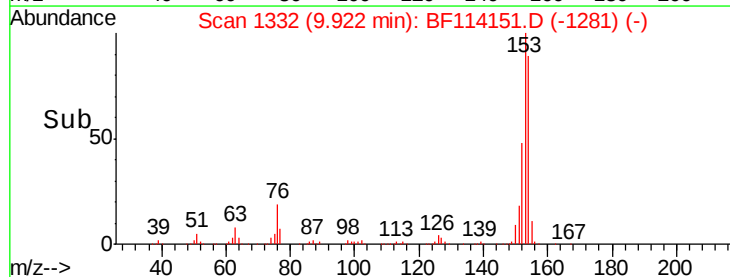
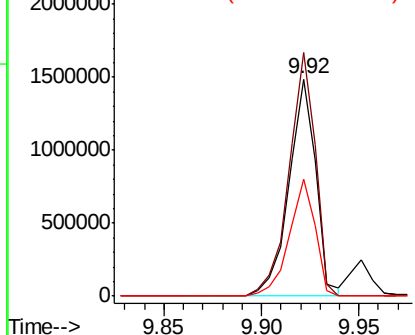


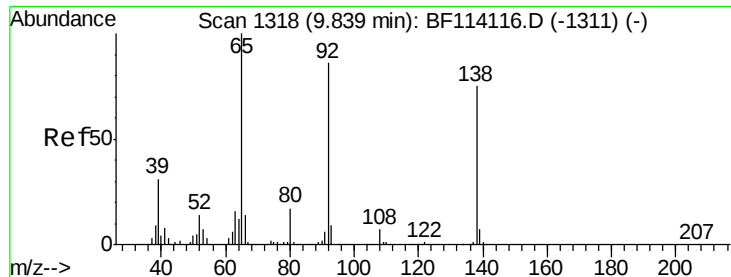
#52
 Acenaphthene
 Concen: 41.460 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Tgt Ion:154 Resp: 1411162
 Ion Ratio Lower Upper
 154 100
 153 112.1 90.5 135.7
 152 53.8 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

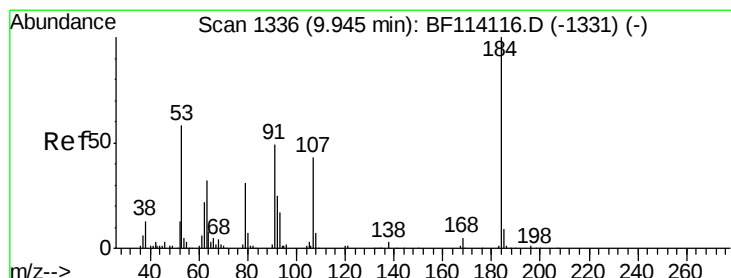
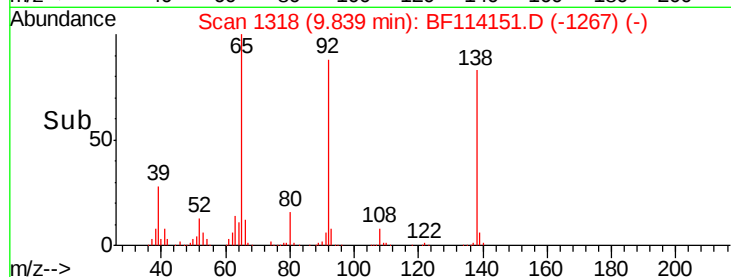
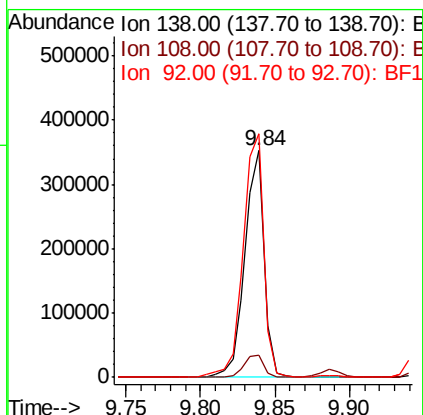
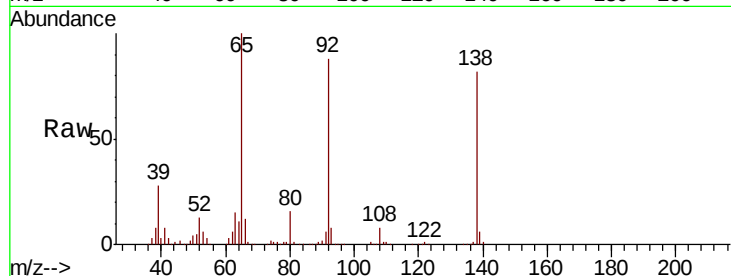




#53
3-Nitroaniline
Concen: 28.012 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

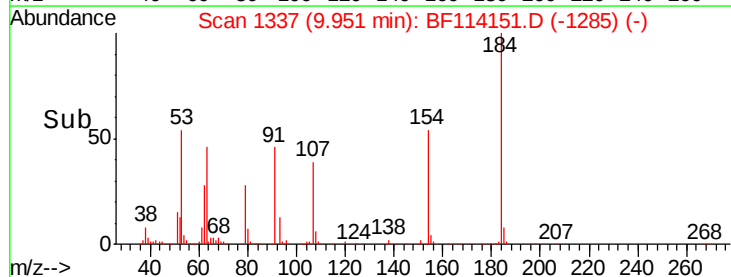
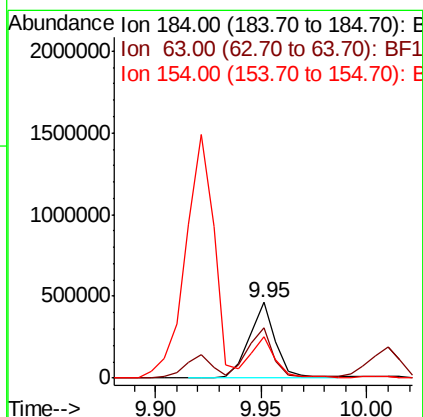
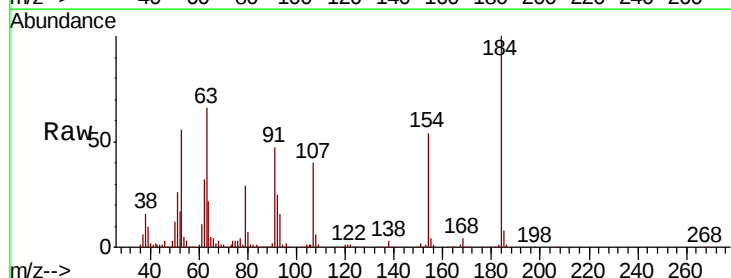
Instrument :
BNA_F
ClientSampleId :
PB119622BSD

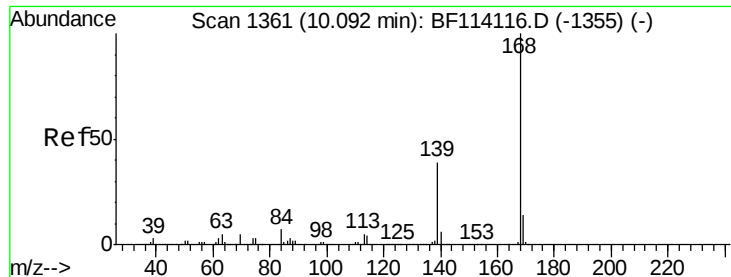
Tgt Ion:138 Resp: 317573
Ion Ratio Lower Upper
138 100
108 10.0 7.8 11.6
92 107.4 91.2 136.8



#54
2,4-Dinitrophenol
Concen: 87.912 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion:184 Resp: 407065
Ion Ratio Lower Upper
184 100
63 66.4 55.6 83.4
154 54.4 46.0 69.0

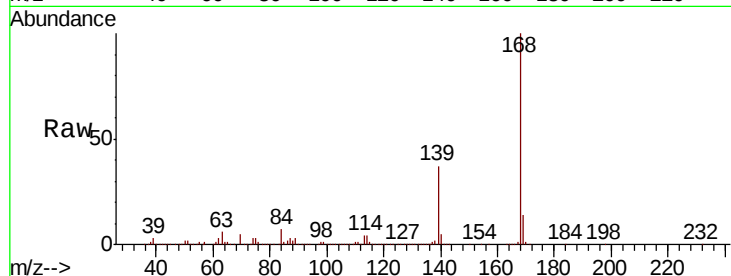




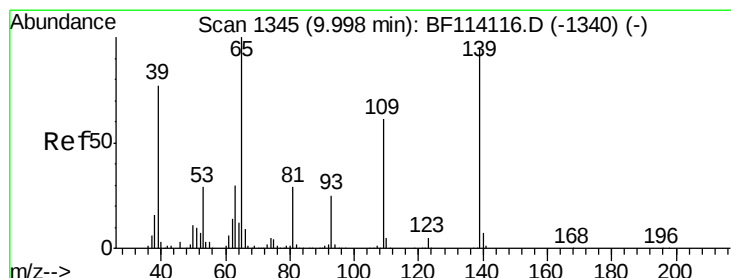
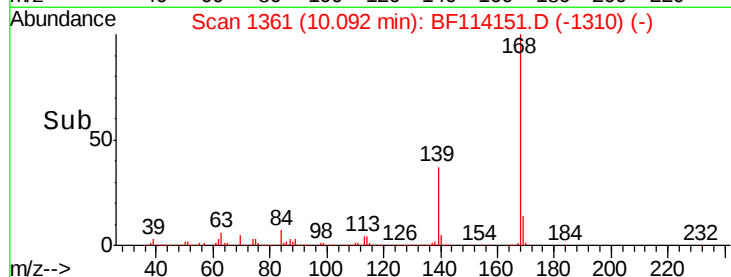
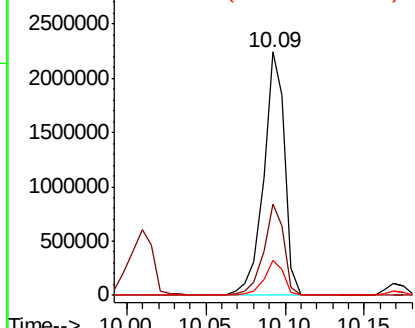
#55
Dibenzofuran
Concen: 41.609 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tgt Ion:168 Resp: 2076705
Ion Ratio Lower Upper
168 100
139 37.5 31.1 46.7
169 14.3 11.4 17.0

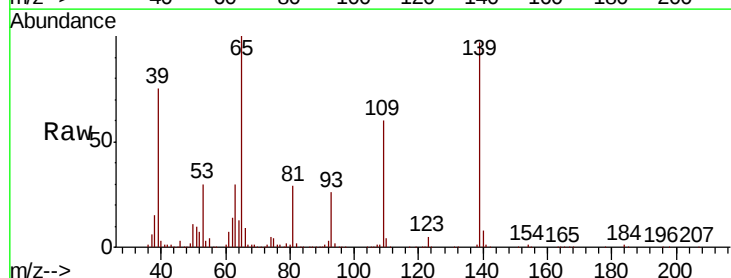


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

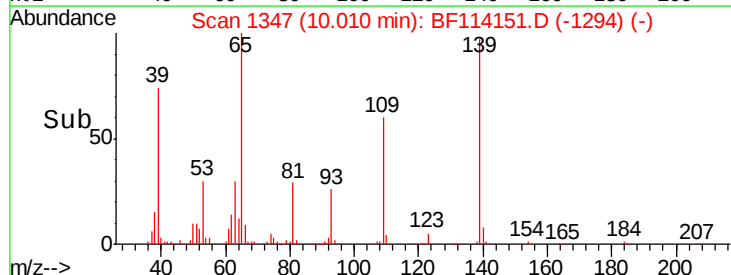
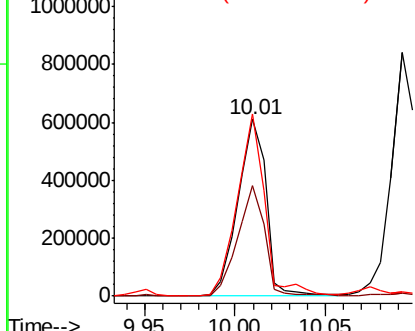


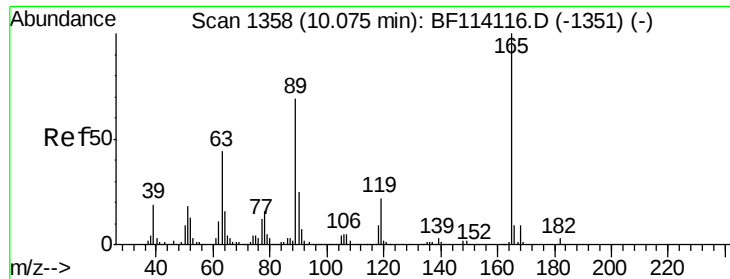
#56
4-Nitrophenol
Concen: 82.053 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion:139 Resp: 657854
Ion Ratio Lower Upper
139 100
109 62.3 43.9 83.9
65 103.3 85.7 125.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

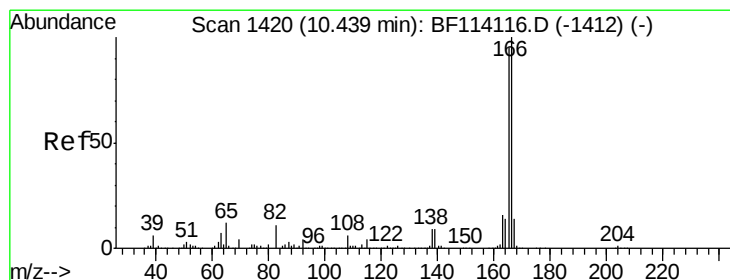
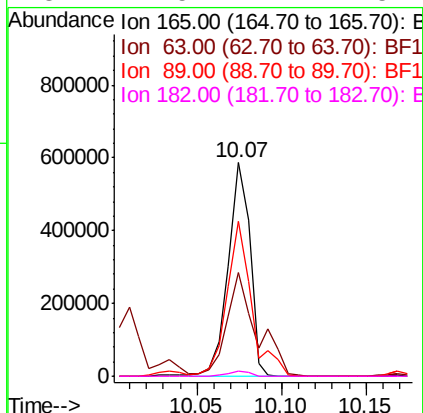
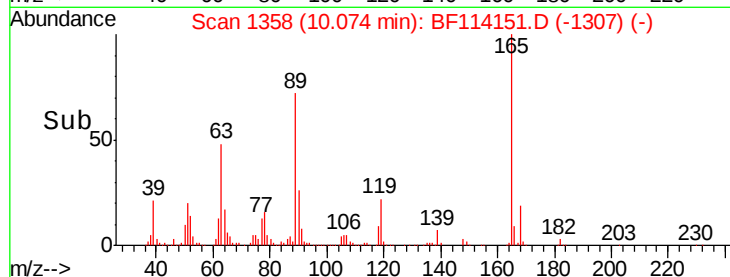
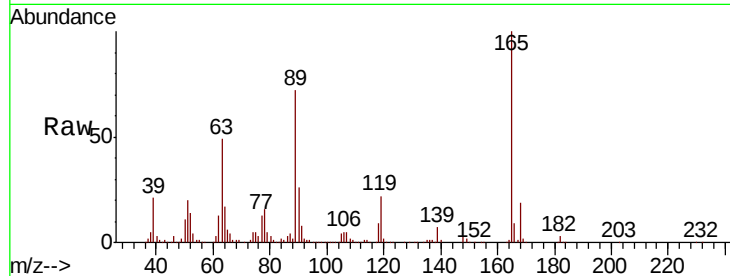




#57
 2,4-Dinitrotoluene
 Concen: 42.312 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

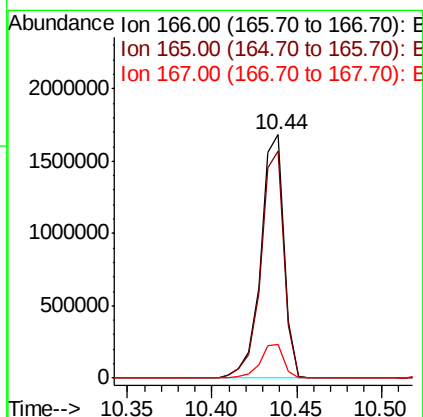
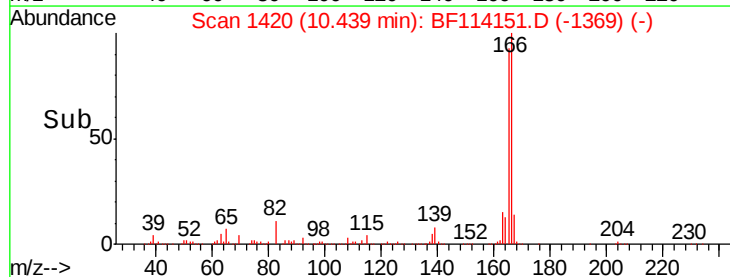
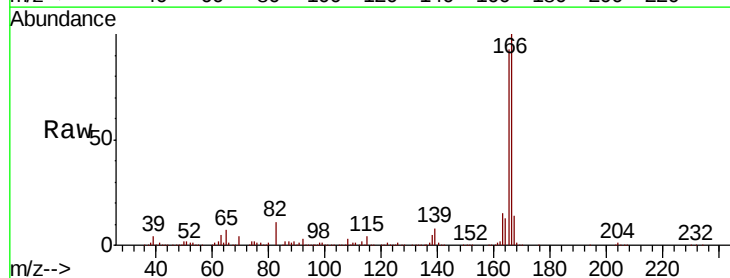
Instrument :
 BNA_F
 ClientSampleId :
 PB119622BSD

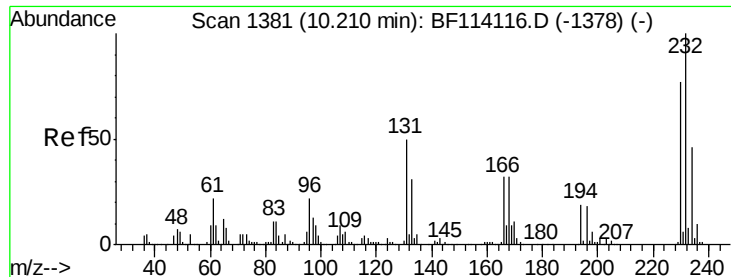
Tgt Ion:	165	Resp:	524501
Ion	Ratio	Lower	Upper
165	100		
63	48.5	35.5	53.3
89	72.4	55.2	82.8
182	2.5	2.2	3.2



#58
 Fluorene
 Concen: 41.651 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Tgt Ion:	166	Resp:	1605660
Ion	Ratio	Lower	Upper
166	100		
165	93.4	76.1	114.1
167	13.8	11.1	16.7

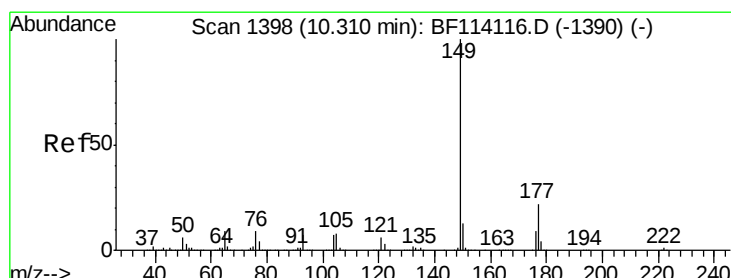
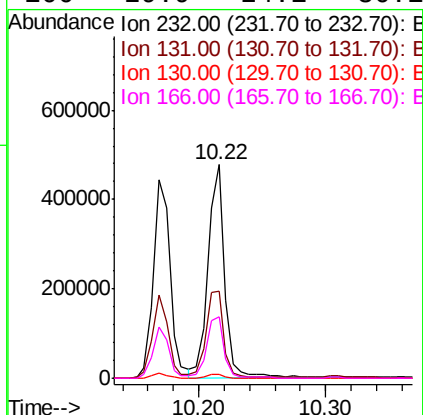
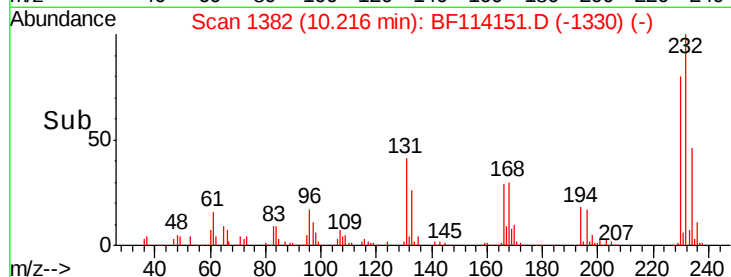
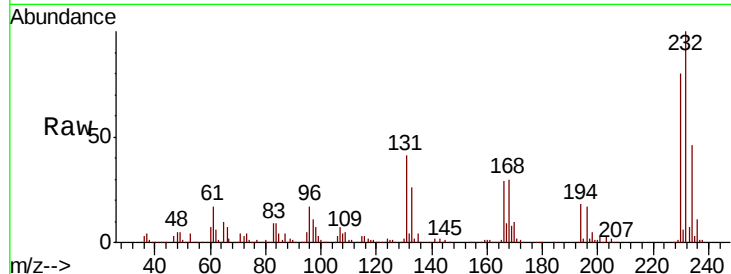




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.598 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

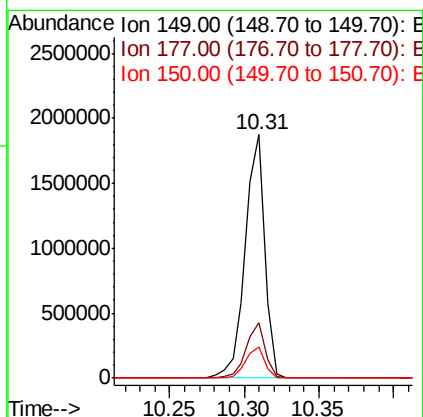
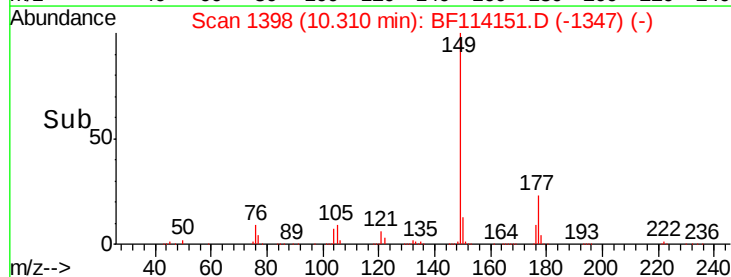
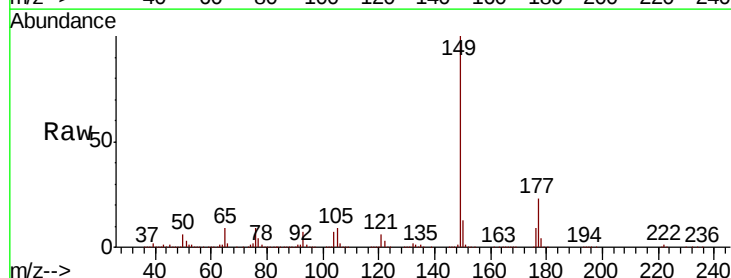
Instrument :
 BNA_F
 ClientSampleId :
 PB119622BSD

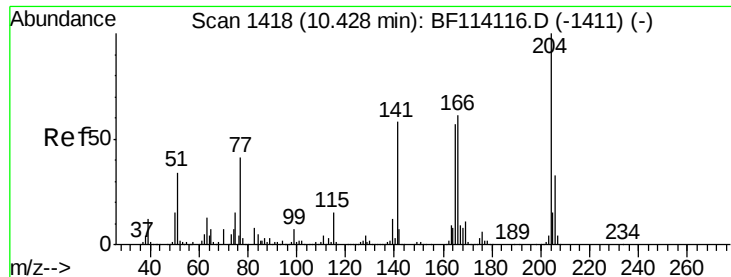
Tgt Ion: 232 Resp: 440533
 Ion Ratio Lower Upper
 232 100
 131 43.4 35.6 53.4
 130 2.2 1.6 2.4
 166 29.9 24.1 36.1



#60
 Diethylphthalate
 Concen: 40.570 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Tgt Ion: 149 Resp: 1697358
 Ion Ratio Lower Upper
 149 100
 177 22.7 17.8 26.6
 150 12.9 10.2 15.2

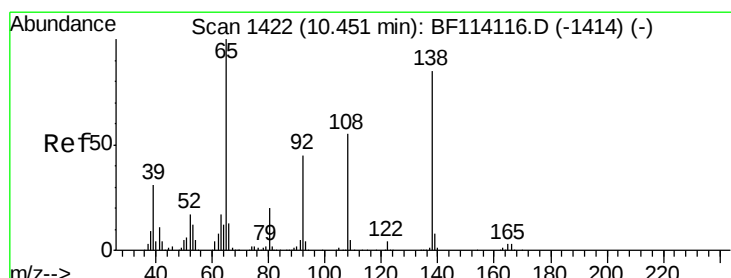
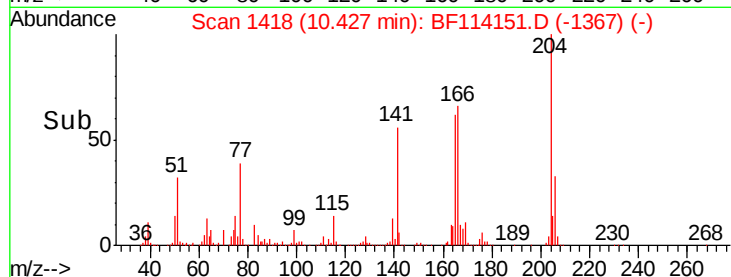
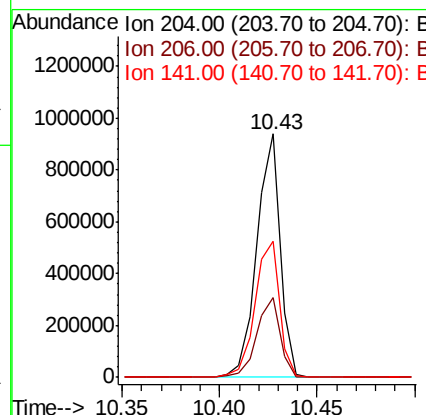
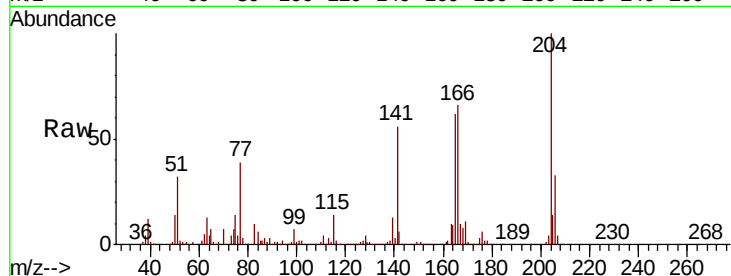




#61
4-Chlorophenyl-phenylether
Concen: 41.243 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

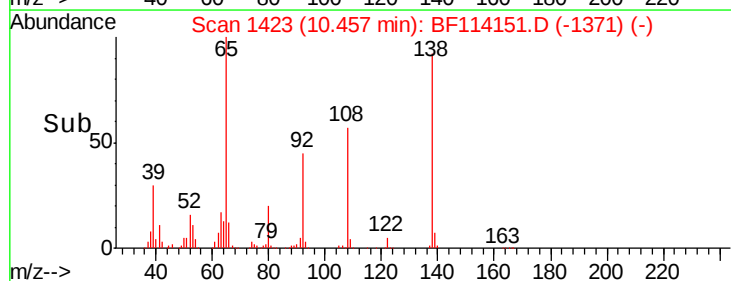
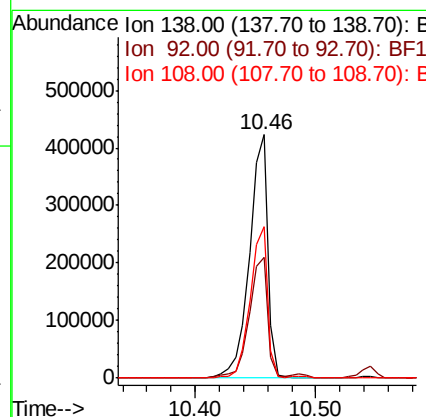
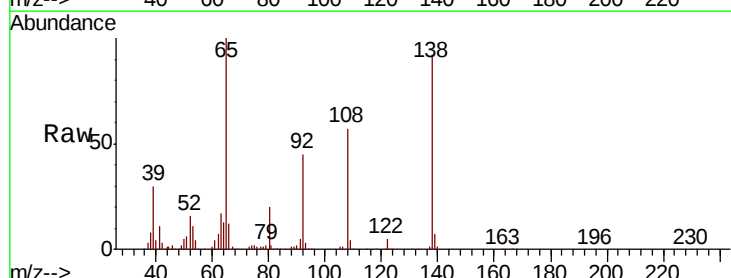
Instrument :
BNA_F
ClientSampleId :
PB119622BSD

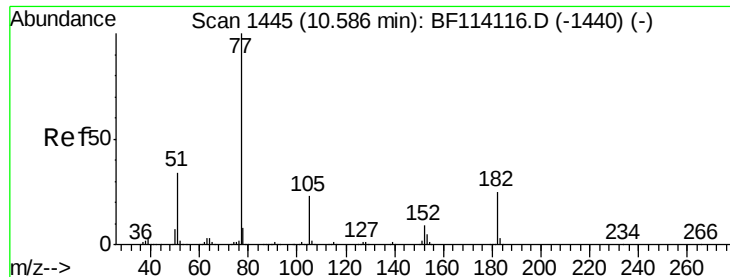
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	55.7	46.4	69.6



#62
4-Nitroaniline
Concen: 37.842 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	33.0	73.0
108	62.2	44.9	84.9

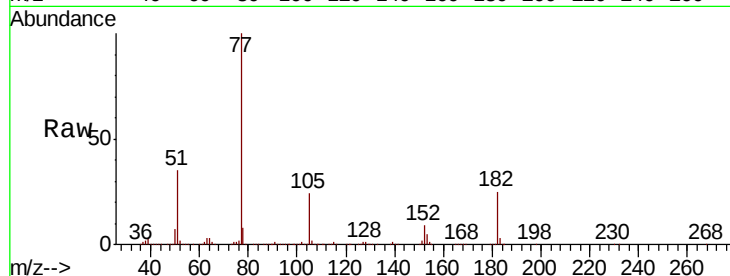




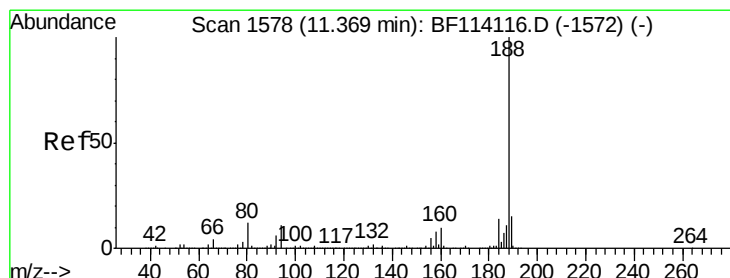
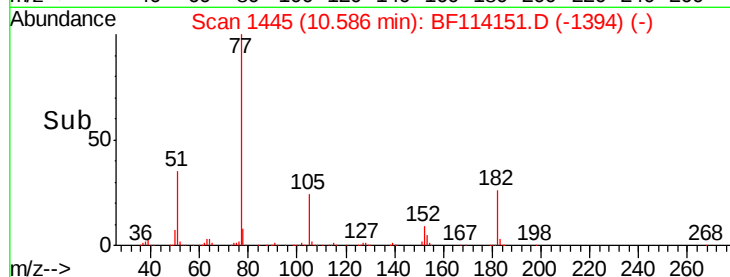
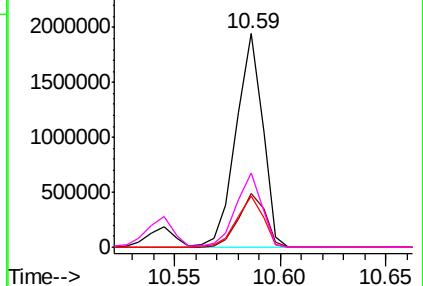
#63
Azobenzene
Concen: 42.060 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tgt Ion: 77 Resp: 1703282
Ion Ratio Lower Upper
77 100
182 25.5 4.7 44.7
105 23.7 2.9 42.9
51 34.9 14.6 54.6

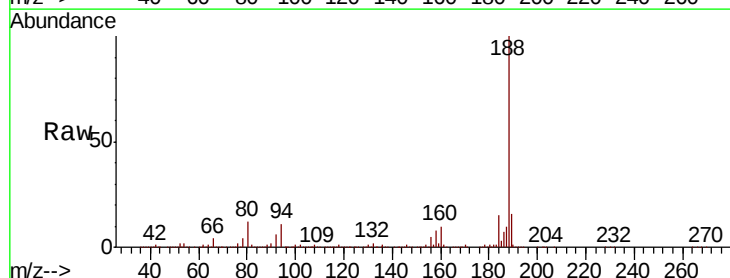


Abundance Ion 77.00 (76.70 to 77.70): BF1
3000000 Ion 182.00 (181.70 to 182.70): E
2500000 Ion 105.00 (104.70 to 105.70): E
2000000 Ion 51.00 (50.70 to 51.70): BF1
1500000
1000000
500000
0

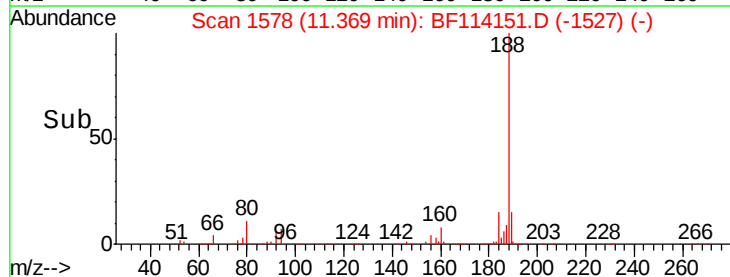
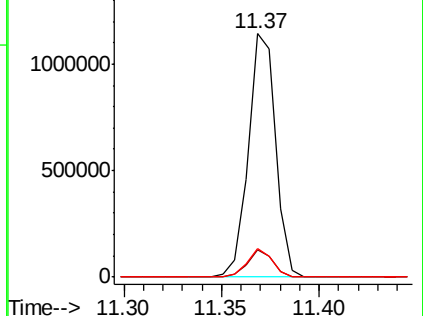


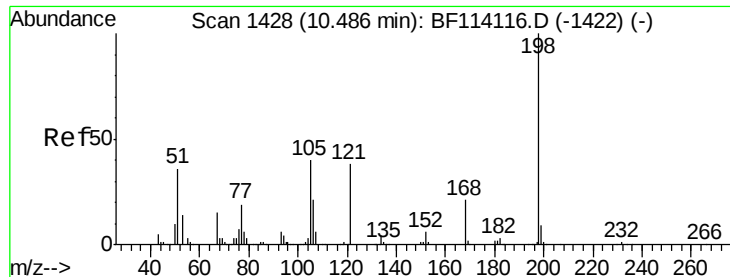
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion: 188 Resp: 1108398
Ion Ratio Lower Upper
188 100
94 11.3 8.4 12.6
80 11.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
1500000 Ion 94.00 (93.70 to 94.70): BF1
1000000 Ion 80.00 (79.70 to 80.70): BF1
500000
0





#65

4,6-Dinitro-2-methylphenol

Concen: 47.342 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

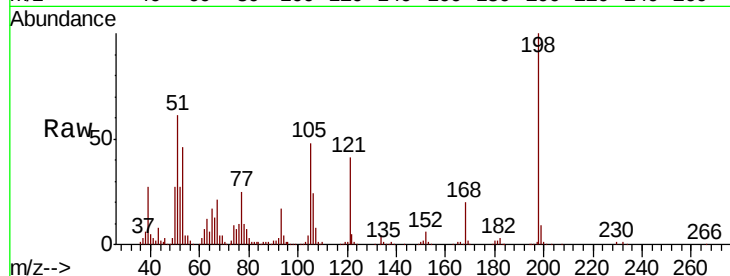
Tgt Ion:198 Resp: 252145

Ion Ratio Lower Upper

198 100

51 60.6 28.0 68.0

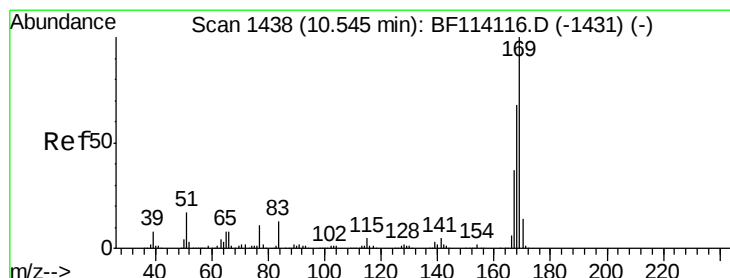
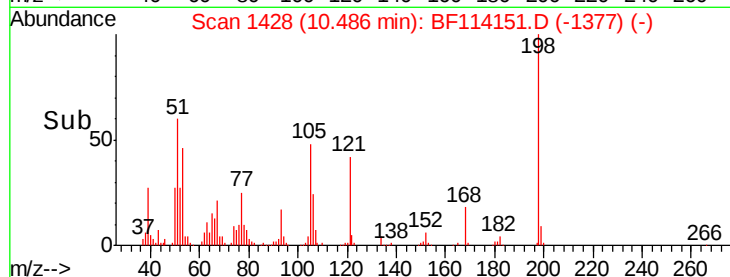
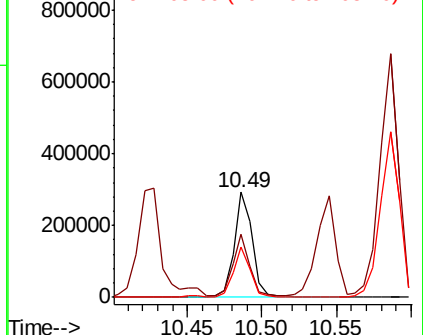
105 48.1 21.1 61.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.643 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

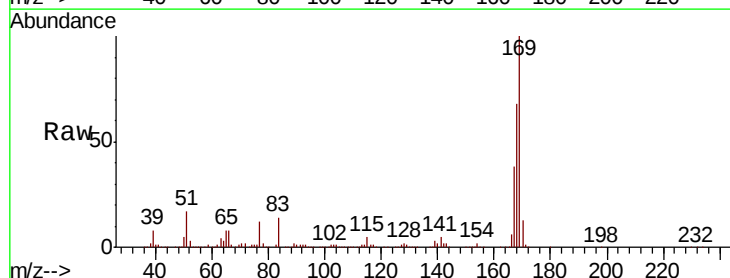
Tgt Ion:169 Resp: 1468161

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.2

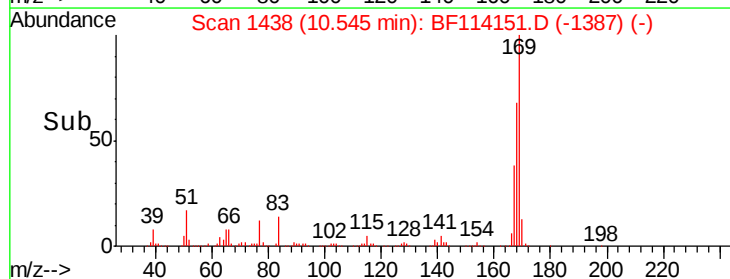
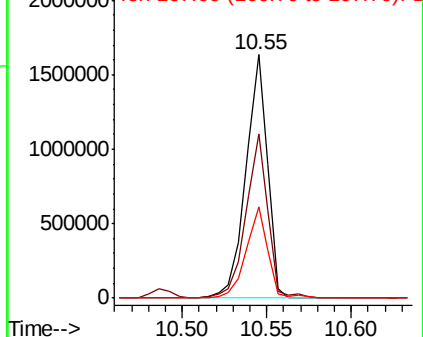
167 37.5 29.8 44.8

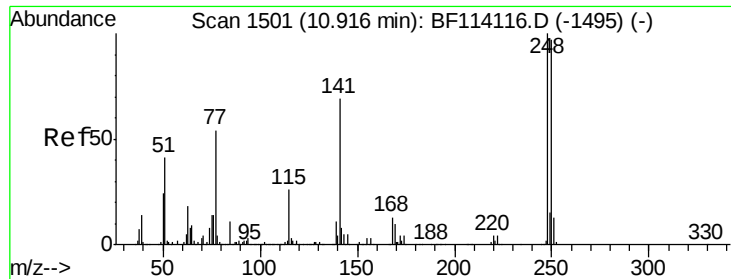


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

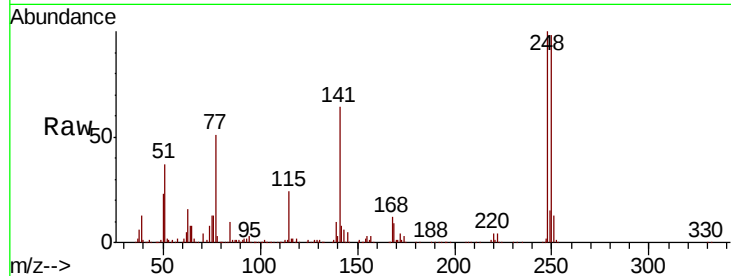




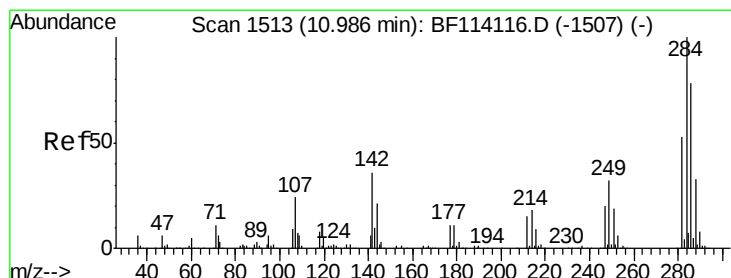
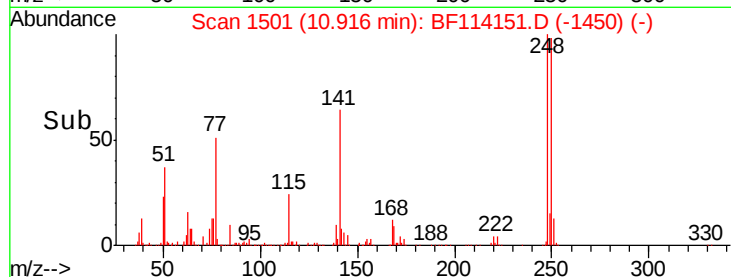
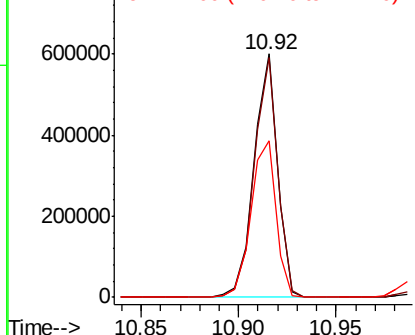
#67
4-Bromophenyl-phenylether
Concen: 41.179 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tgt Ion:248 Resp: 502551
Ion Ratio Lower Upper
248 100
250 98.4 77.4 116.2
141 64.3 55.6 83.4

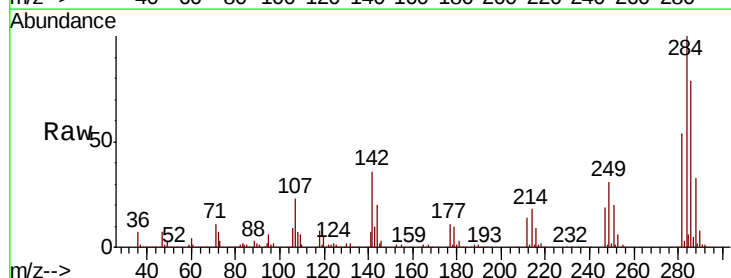


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

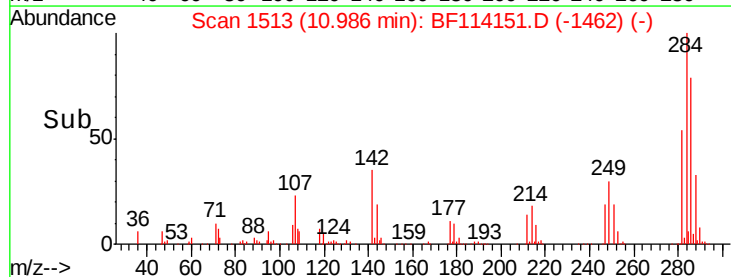
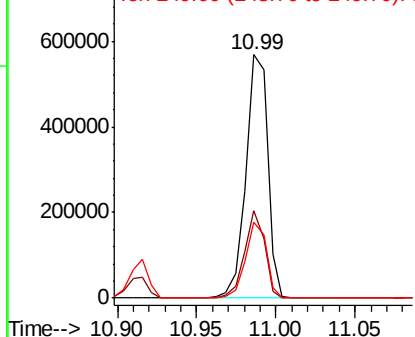


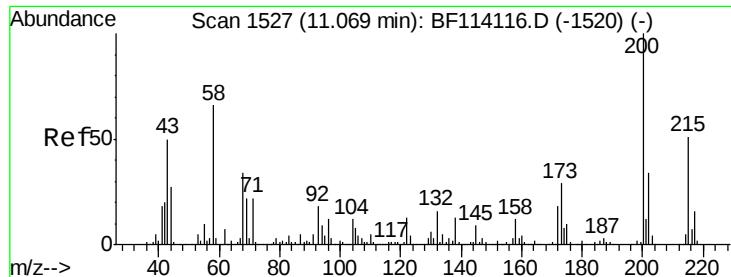
#68
Hexachlorobenzene
Concen: 40.174 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion:284 Resp: 542379
Ion Ratio Lower Upper
284 100
142 36.1 28.4 42.6
249 31.0 25.2 37.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

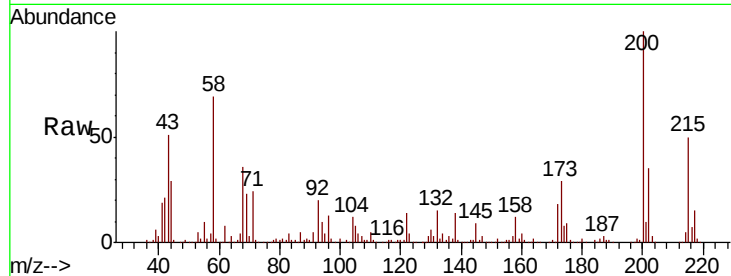




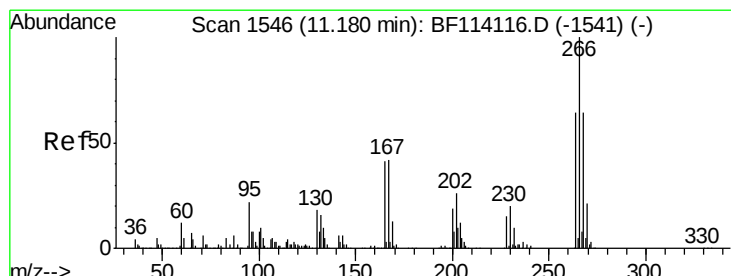
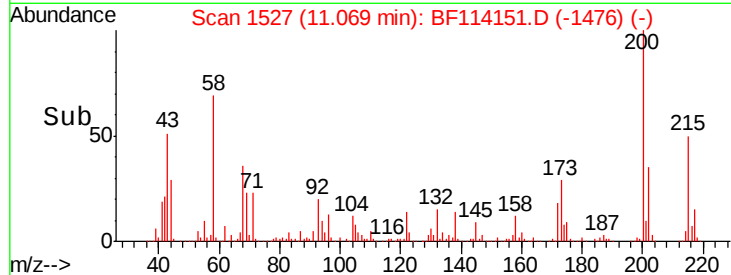
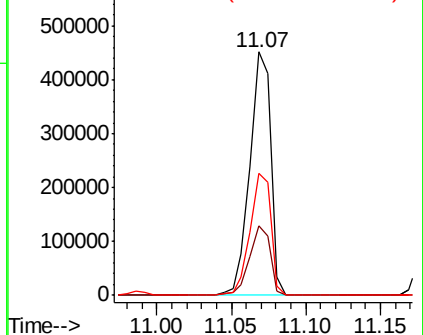
#69
 Atrazine
 Concen: 41.734 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BSD

Tgt Ion: 200 Resp: 436903
 Ion Ratio Lower Upper
 200 100
 173 28.6 8.9 48.9
 215 50.1 30.7 70.7

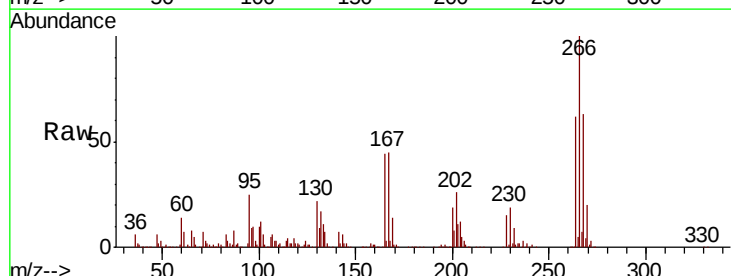


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

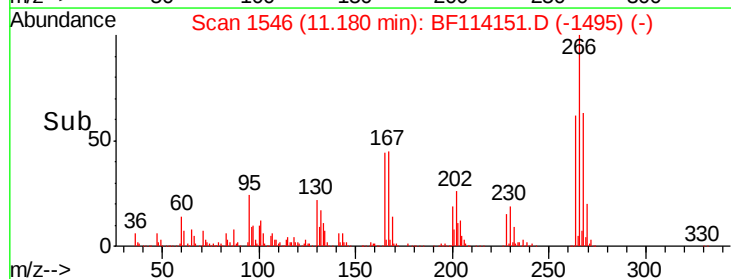
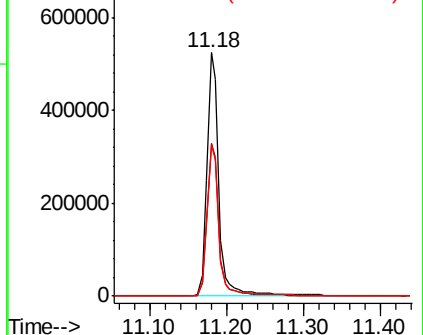


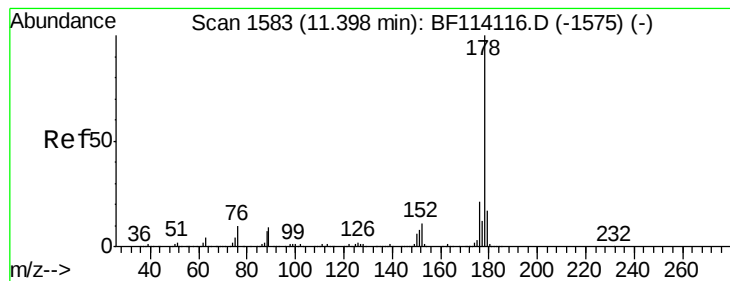
#70
 Pentachlorophenol
 Concen: 88.013 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Tgt Ion: 266 Resp: 563279
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.1 76.7
 264 62.4 51.1 76.7



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.481 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

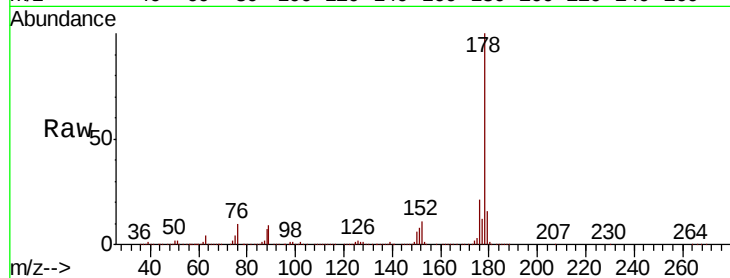
Tgt Ion:178 Resp: 2290802

Ion Ratio Lower Upper

178 100

176 20.5 16.4 24.6

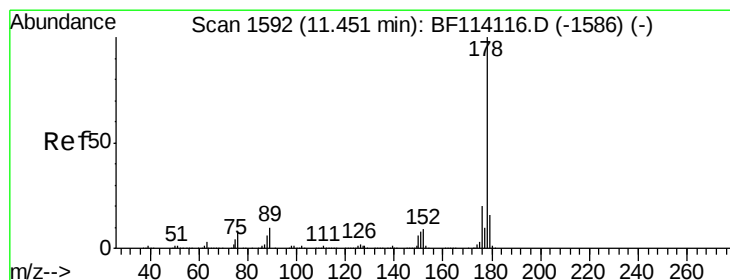
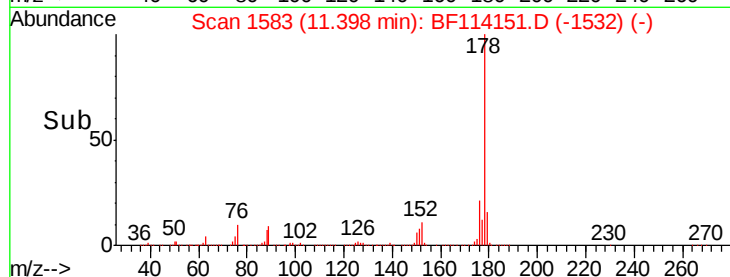
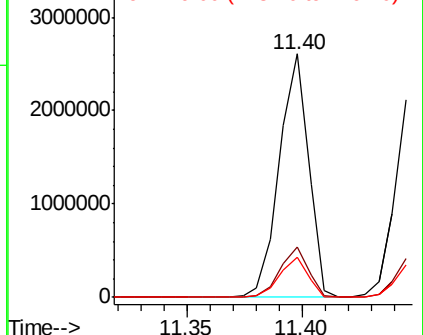
179 16.3 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.894 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

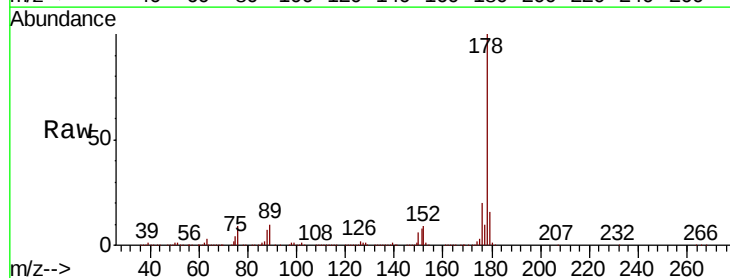
Tgt Ion:178 Resp: 2377450

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

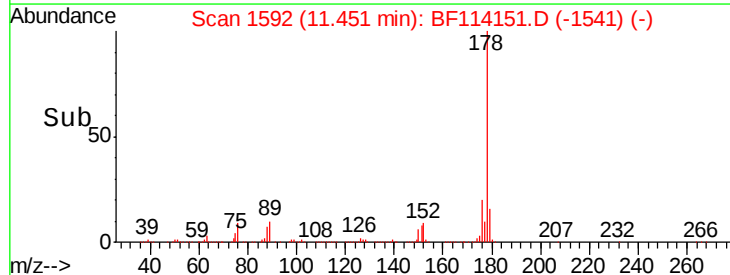
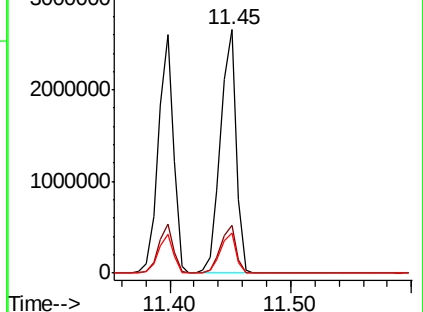
179 16.2 13.0 19.4

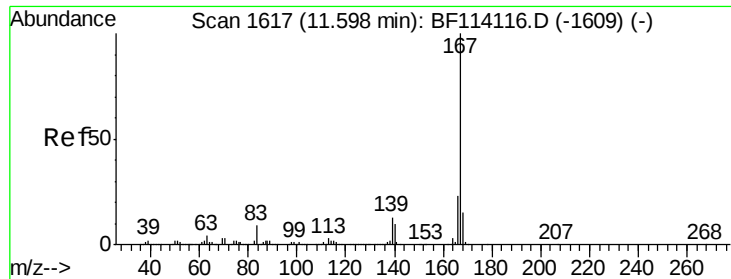


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

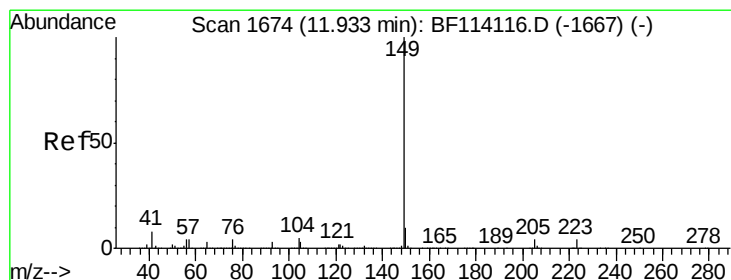
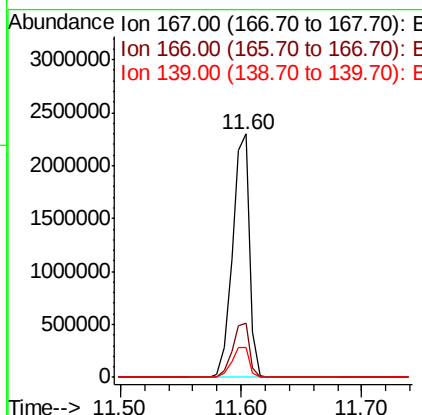
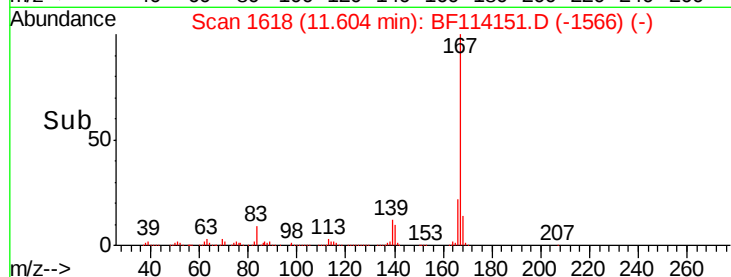
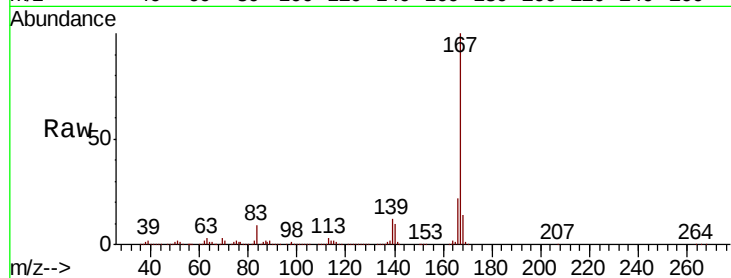




#73
 Carbazole
 Concen: 43.463 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

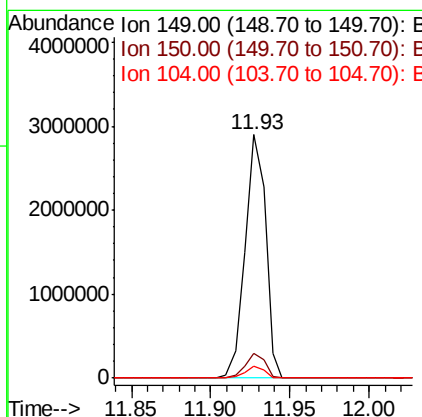
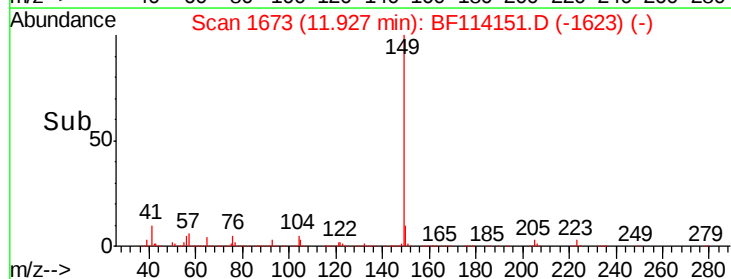
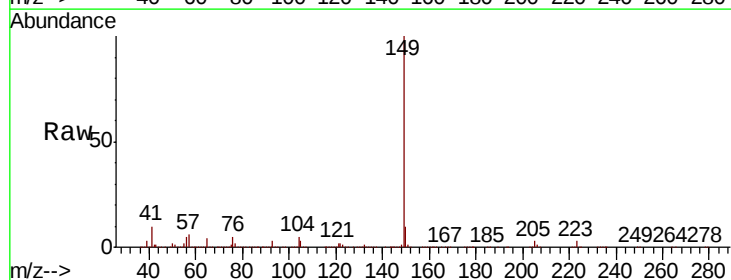
Instrument :
 BNA_F
 ClientSampleId :
 PB119622BSD

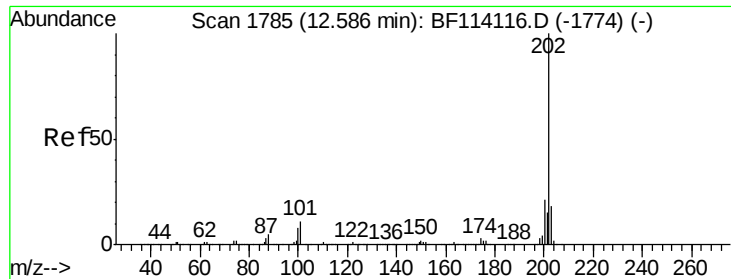
Tgt Ion:167 Resp: 2244850
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 12.4 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 43.673 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Tgt Ion:149 Resp: 2598726
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.7 11.5
 104 4.9 3.6 5.4





#75

Fluoranthene

Concen: 42.933 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

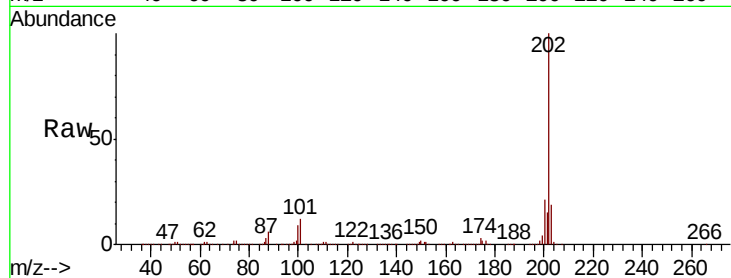
Tgt Ion:202 Resp: 2493103

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.0

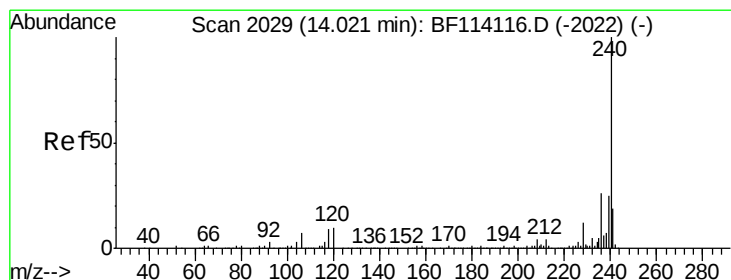
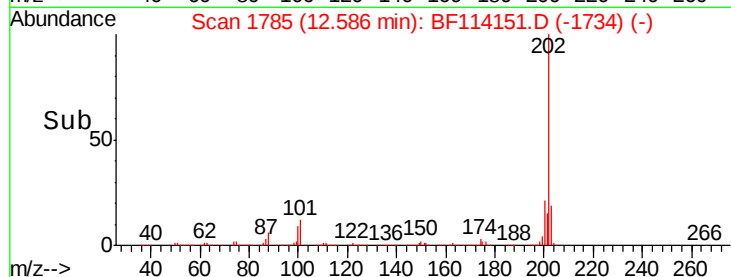
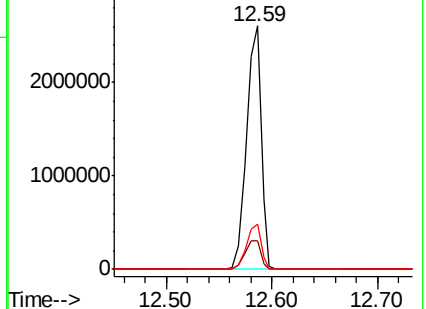
203 18.6 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

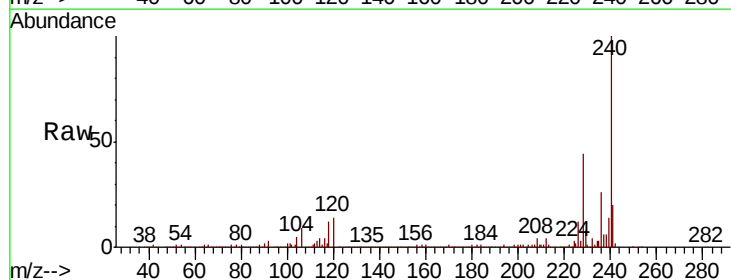
Tgt Ion:240 Resp: 891453

Ion Ratio Lower Upper

240 100

120 13.8 8.3 12.5#

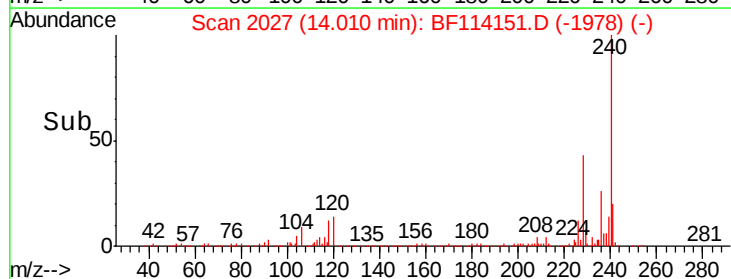
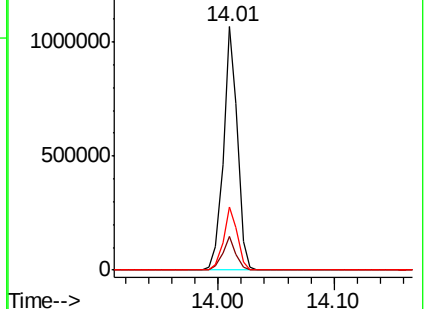
236 25.9 20.8 31.2

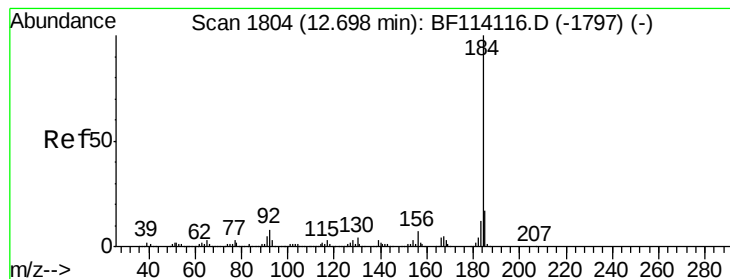


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.614 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

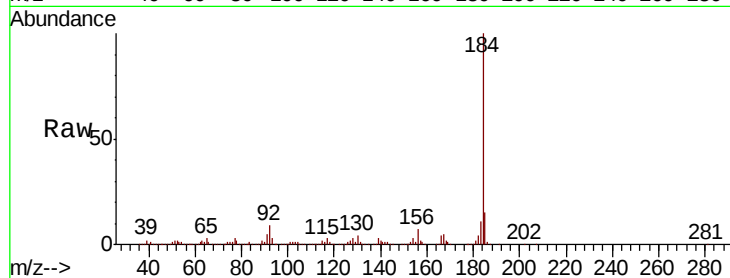
Tgt Ion:184 Resp: 1465160

Ion Ratio Lower Upper

184 100

185 14.6 13.6 20.4

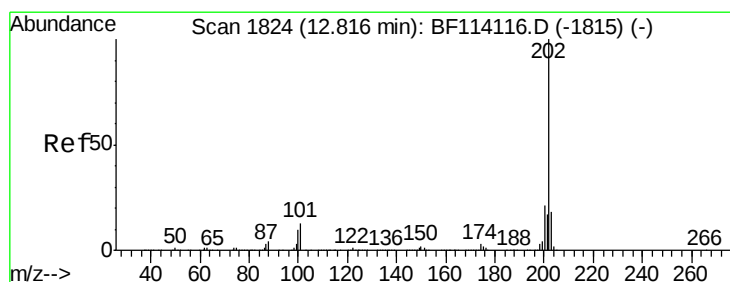
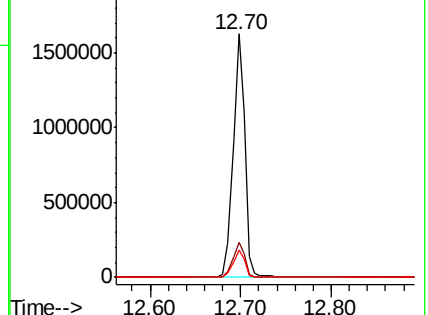
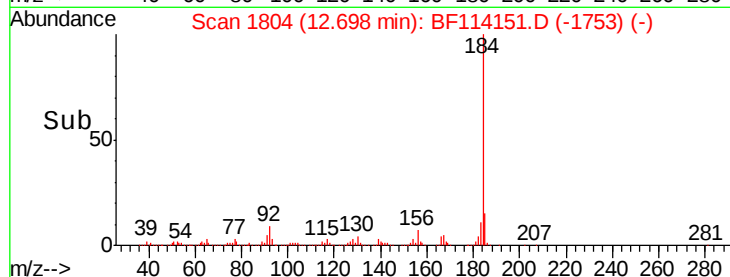
183 11.4 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.216 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

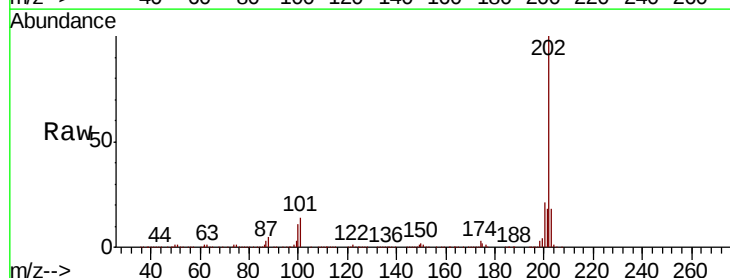
Tgt Ion:202 Resp: 2525421

Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

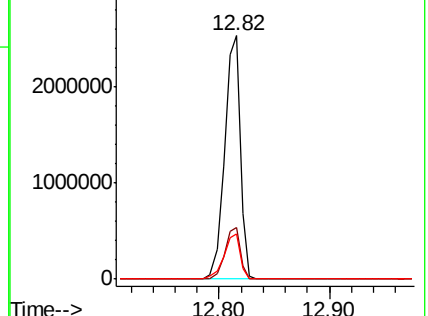
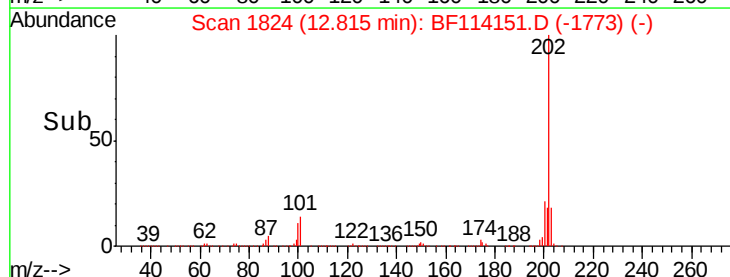
203 18.4 14.5 21.7

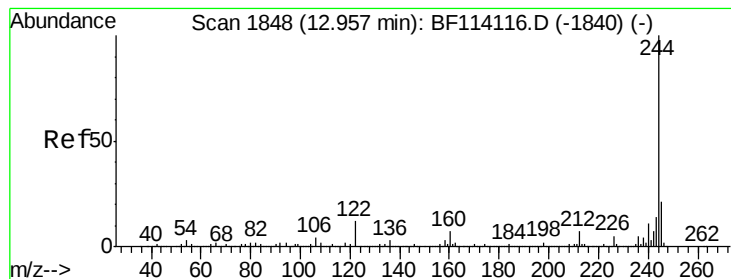


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.540 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

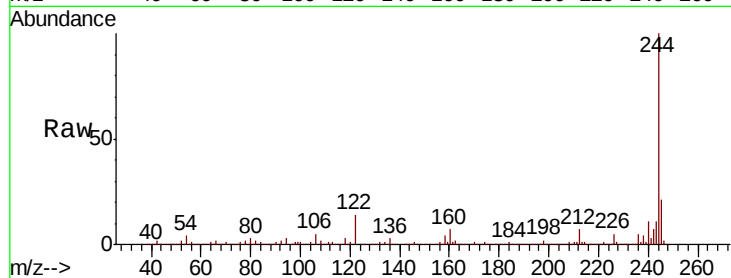
Tgt Ion:244 Resp: 2834241

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

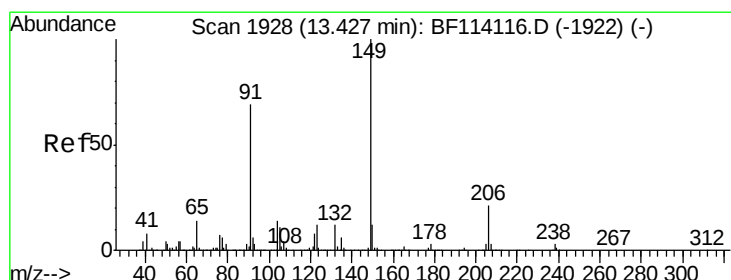
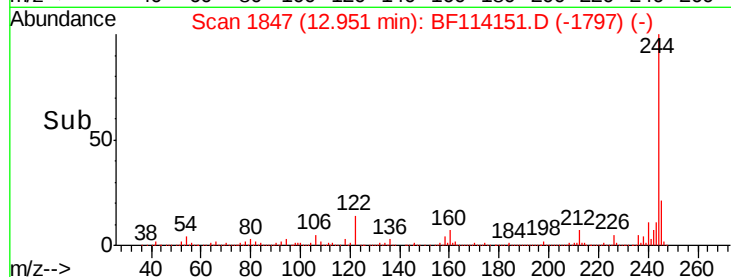
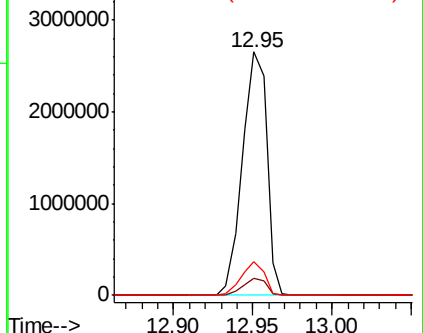
122 14.1 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.482 ng

RT: 13.42 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

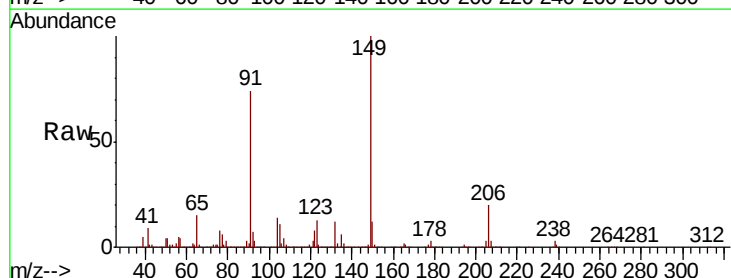
Tgt Ion:149 Resp: 1161576

Ion Ratio Lower Upper

149 100

91 74.4 55.0 82.4

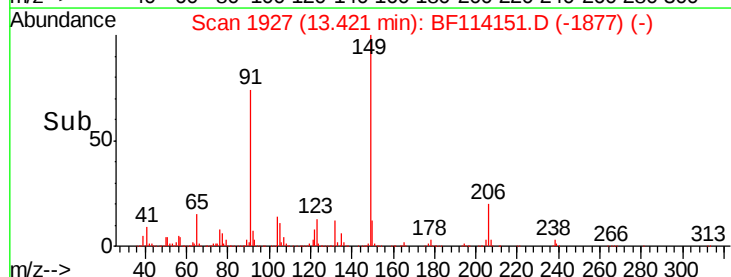
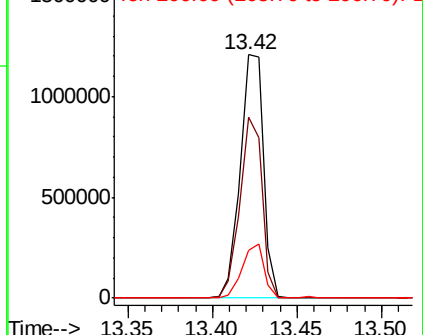
206 19.6 16.9 25.3

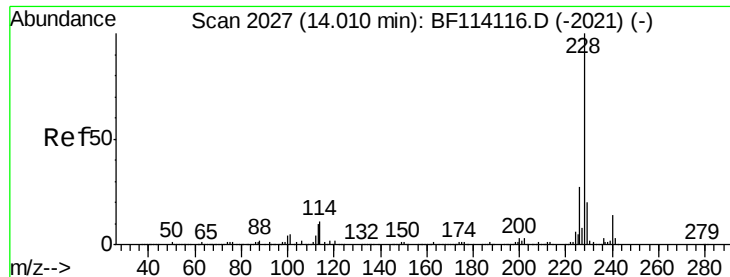


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.658 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

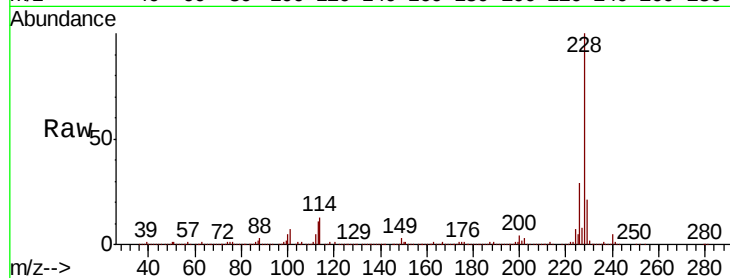
Tgt Ion:228 Resp: 2113676

Ion Ratio Lower Upper

228 100

226 28.7 22.2 33.2

229 21.3 16.4 24.6

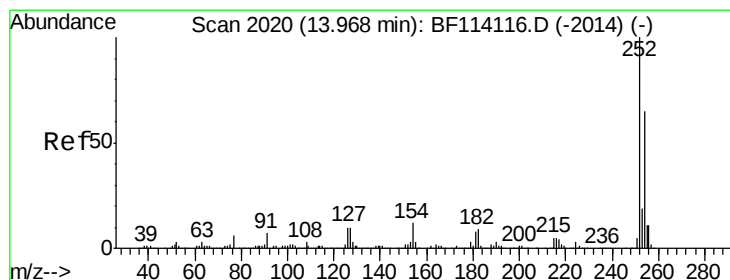
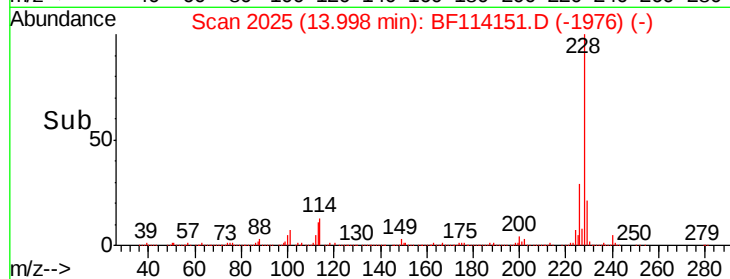
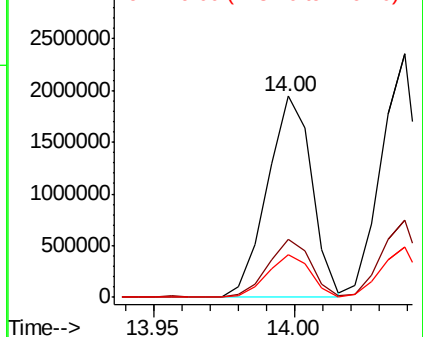


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.070 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

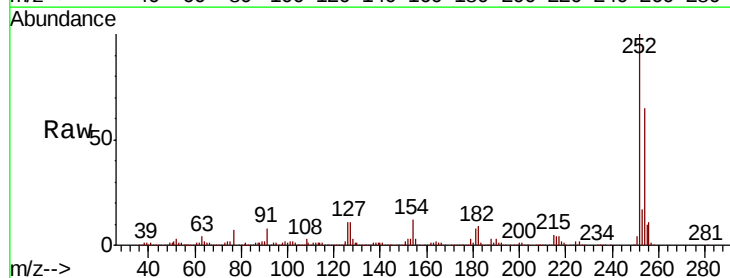
Tgt Ion:252 Resp: 583115

Ion Ratio Lower Upper

252 100

254 64.5 51.9 77.9

126 11.1 7.9 11.9

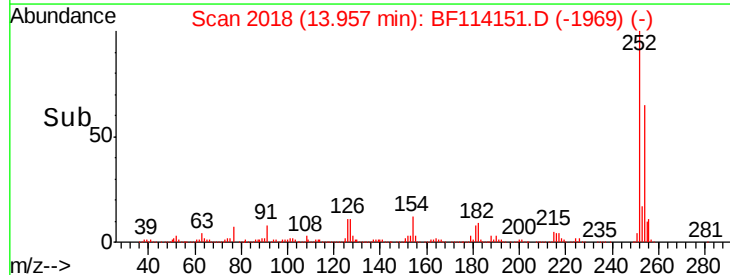
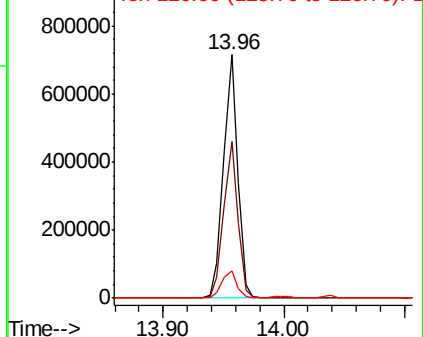


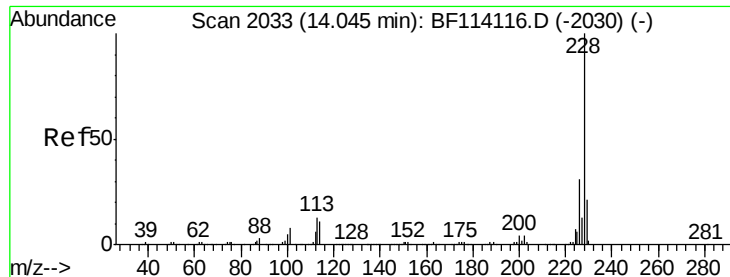
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.950 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

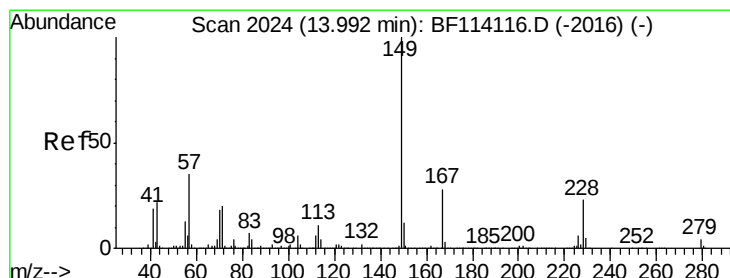
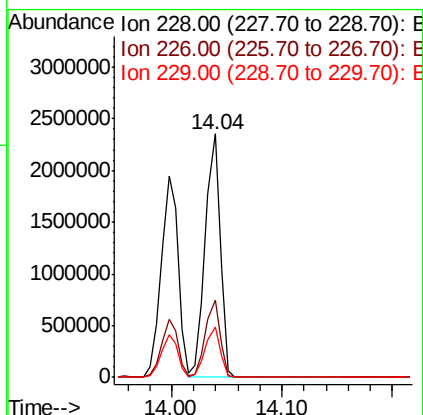
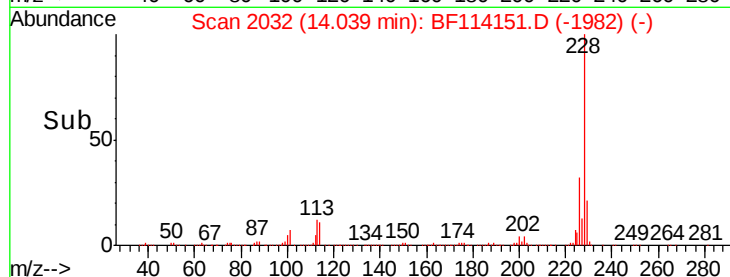
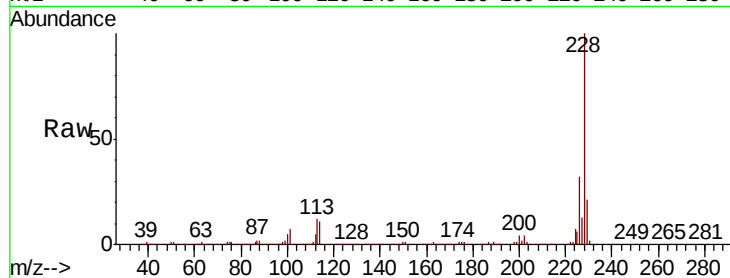
Tgt Ion:228 Resp: 2144979

Ion Ratio Lower Upper

228 100

226 31.5 25.0 37.6

229 20.6 17.0 25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.173 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

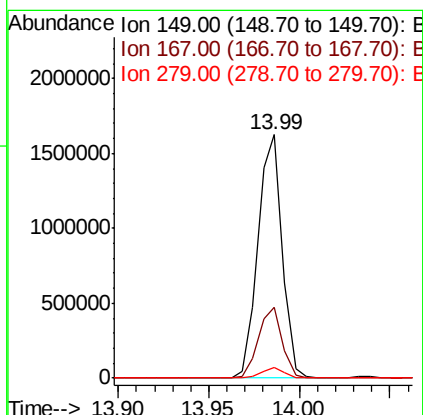
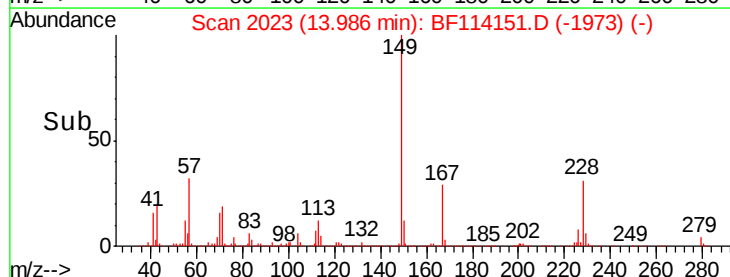
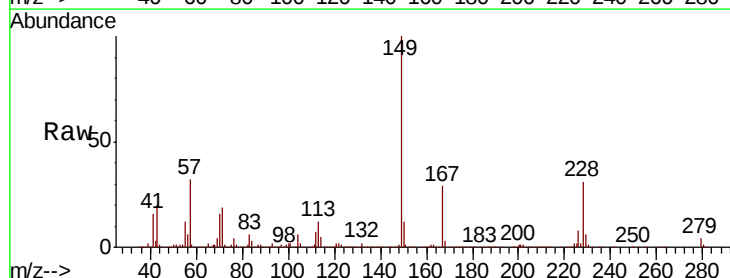
Tgt Ion:149 Resp: 1506990

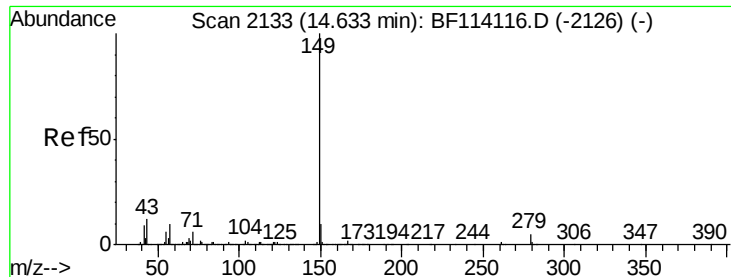
Ion Ratio Lower Upper

149 100

167 28.9 22.6 33.8

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 40.351 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.03 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

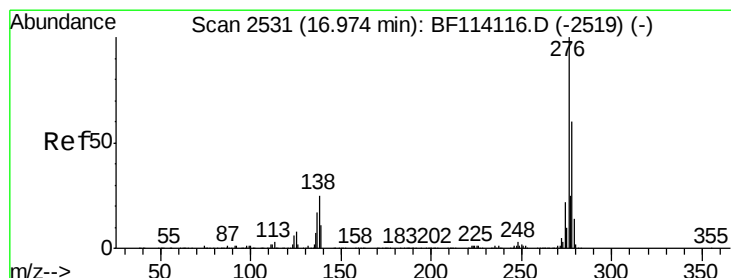
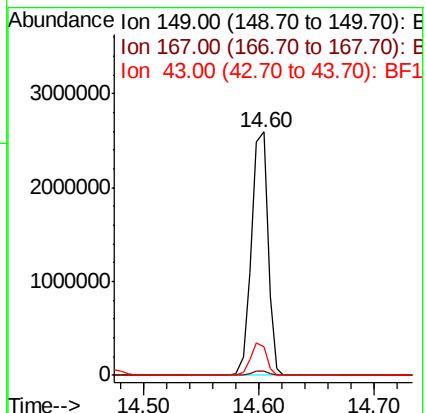
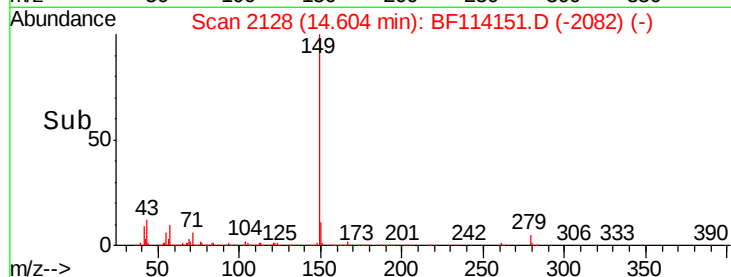
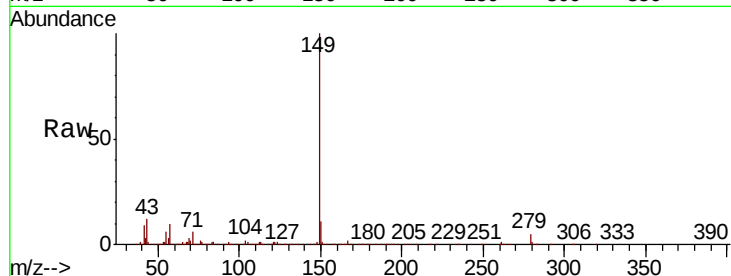
Tgt Ion:149 Resp: 2582315

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.5 10.1 15.1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.429 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.03 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

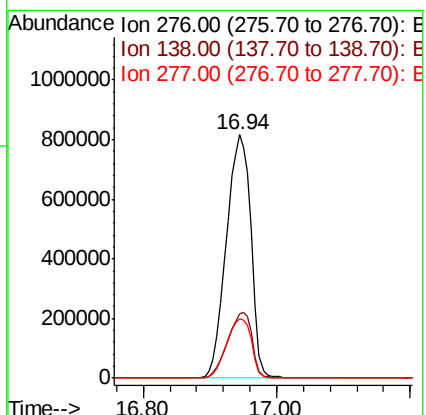
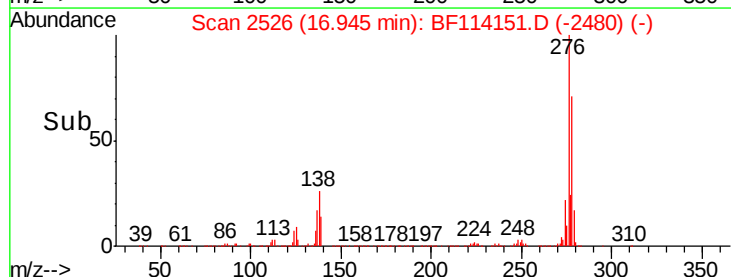
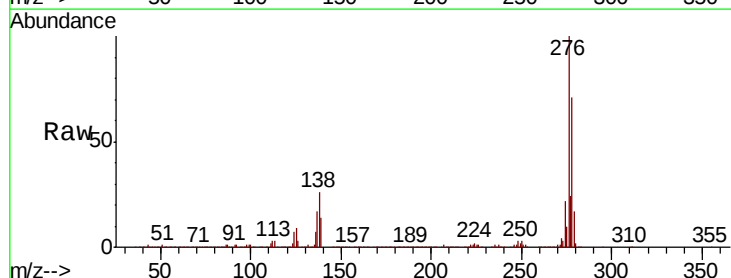
Tgt Ion:276 Resp: 2119441

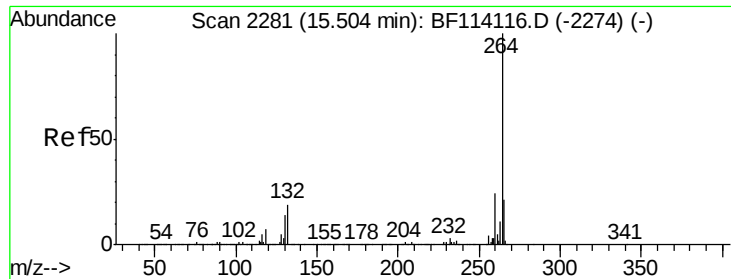
Ion Ratio Lower Upper

276 100

138 26.8 20.2 30.2

277 24.9 20.0 30.0



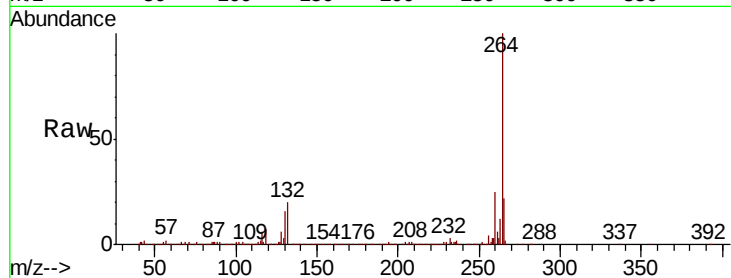


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

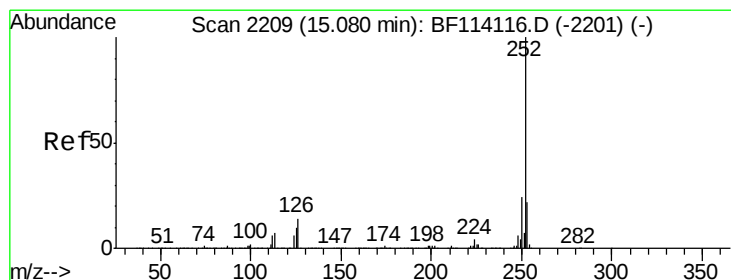
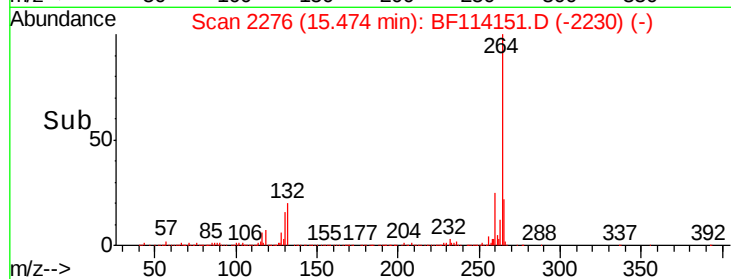
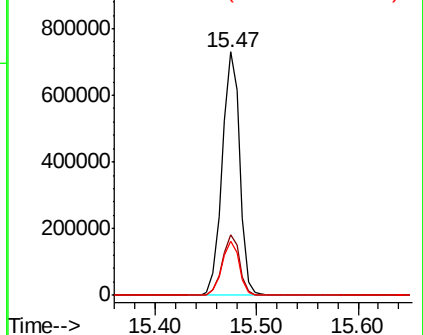
Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tgt Ion:264 Resp: 874196

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.0
265	22.2	16.9	25.3



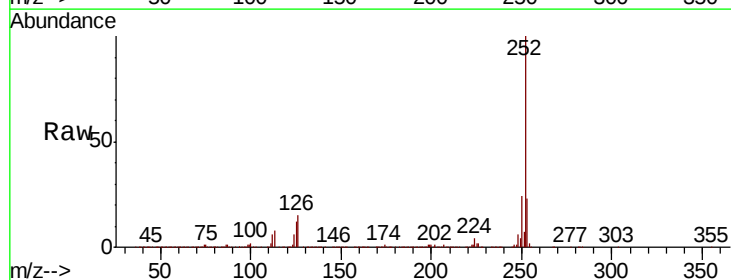
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



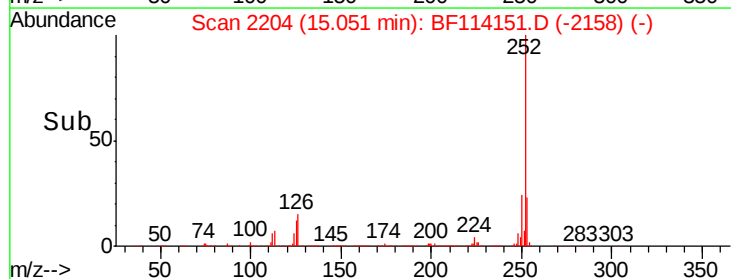
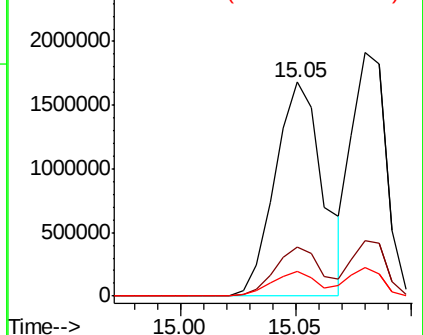
#88
Benzo(b)fluoranthene
Concen: 43.089 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

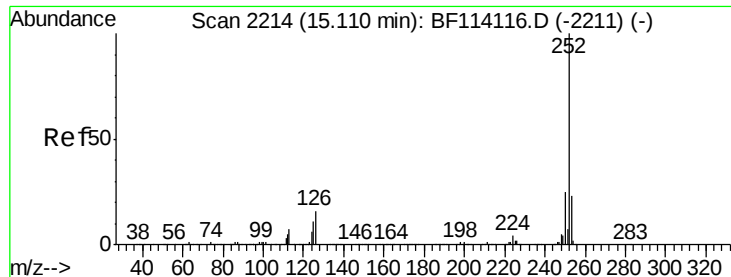
Tgt Ion:252 Resp: 2413241

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	11.7	8.3	12.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

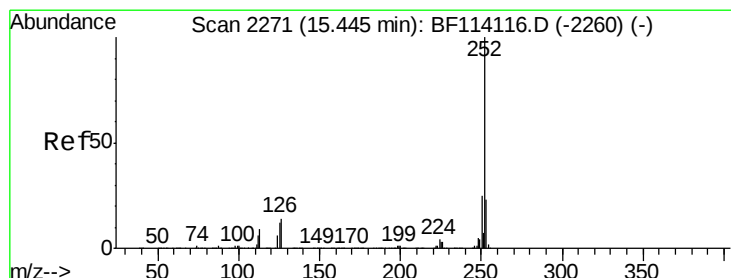
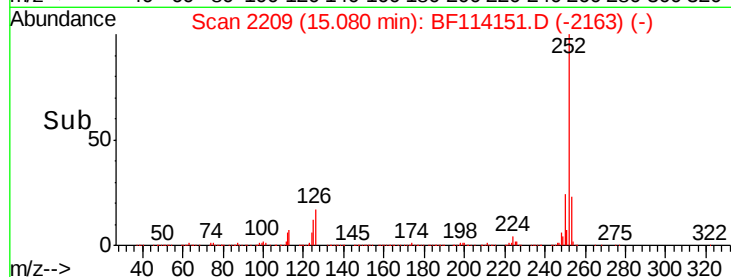
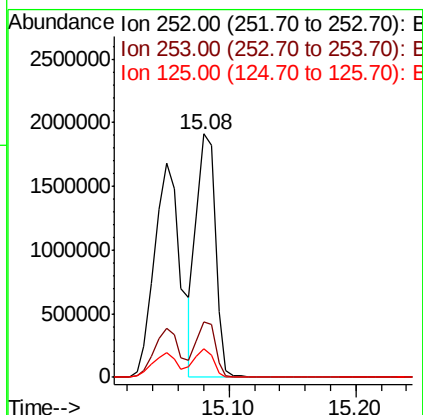
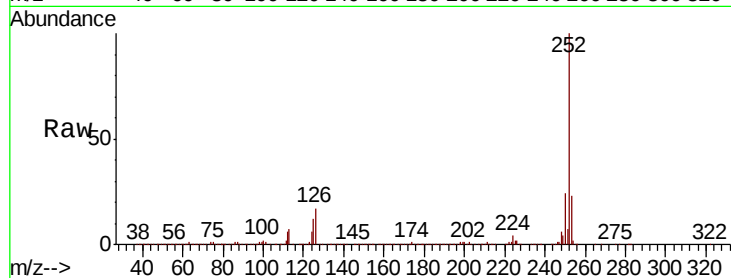




#89
Benzo(k)fluoranthene
Concen: 38.447 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.03 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

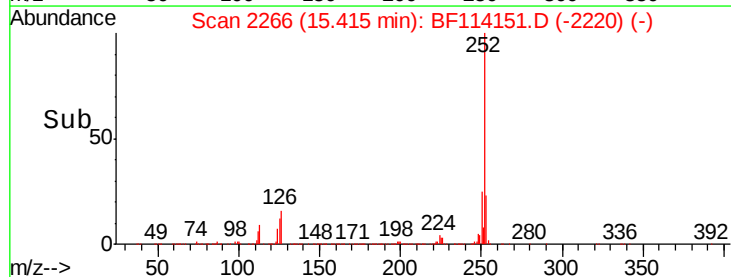
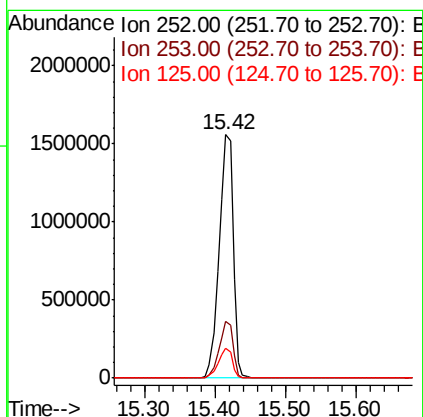
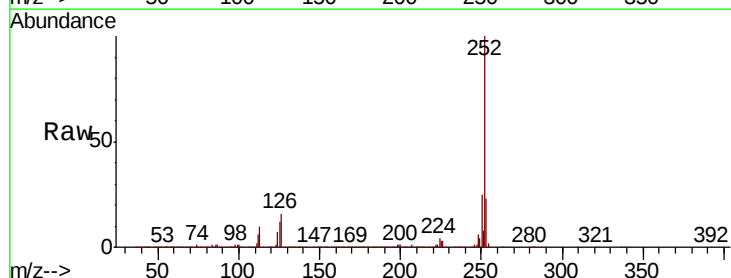
Instrument :
BNA_F
ClientSampleId :
PB119622BSD

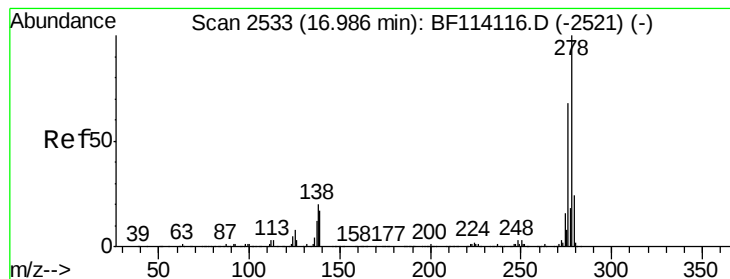
Tgt Ion:252 Resp: 1977989
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 12.0 8.6 13.0



#90
Benzo(a)pyrene
Concen: 43.535 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.03 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion:252 Resp: 2145813
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 12.4 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 42.413 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.03 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

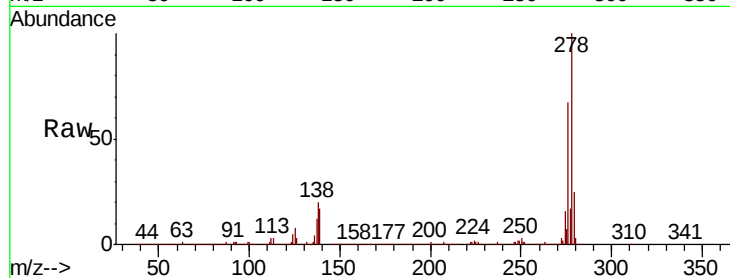
Tgt Ion:278 Resp: 1737138

Ion Ratio Lower Upper

278 100

139 17.2 13.5 20.3

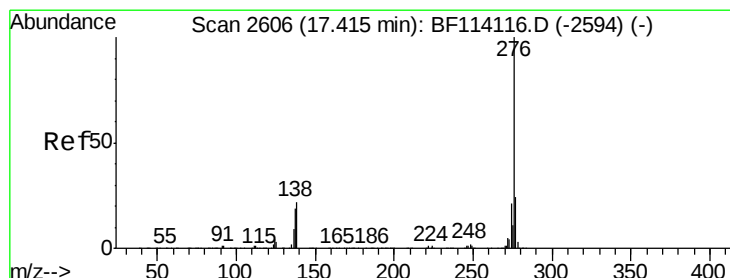
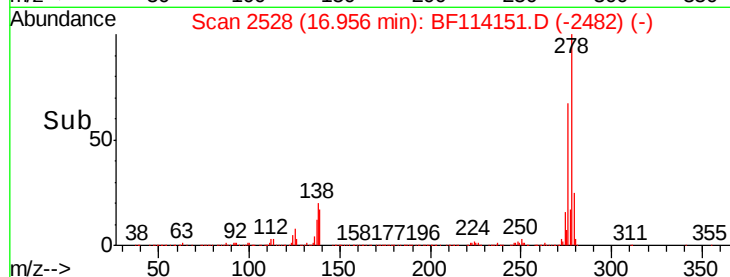
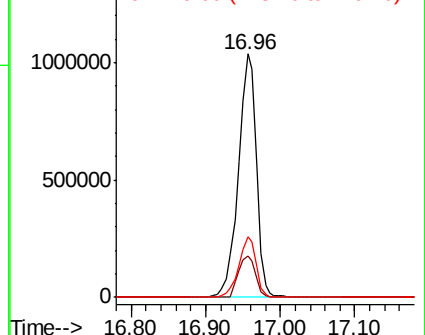
279 24.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.324 ng

RT: 17.39 min Scan# 2601

Delta R.T. -0.03 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

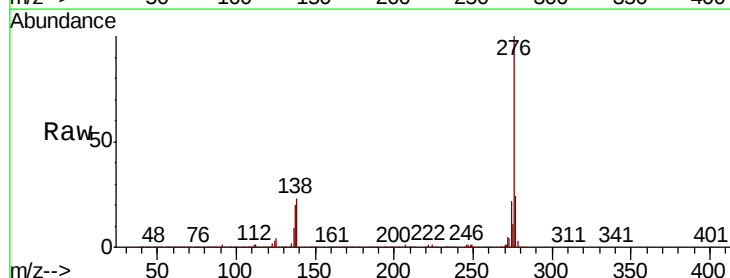
Tgt Ion:276 Resp: 1737212

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 23.3 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

