

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114387.D
 Acq On : 18 May 2019 13:32
 Operator : JU/SJ
 Sample : PB119788BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:08:58 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	6.83	152	236475	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	899824	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	437657	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	885875	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	599068	20.00	ng	-0.02
87) Perylene-d12	15.46	264	596192	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1536721	104.58	ng	0.00
7) Phenol-d6	6.49	99	2005344	115.38	ng	0.00
23) Nitrobenzene-d5	7.40	82	1260228	78.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	517828	114.45	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	2244792	77.59	ng	-0.02
79) Terphenyl-d14	12.94	244	2364723	81.37	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	221545	27.429	ng	98
3) Pyridine	3.42	79	608942	27.363	ng	95
4) n-Nitrosodimethylamine	3.36	42	332786	31.010	ng	96
6) Aniline	6.50	93	414913	16.527	ng	# 1
8) 2-Chlorophenol	6.63	128	602904	38.433	ng	93
9) Benzaldehyde	6.39	77	250578	20.595	ng	97
10) Phenol	6.50	94	725798	35.500	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	595481	38.365	ng	96
12) 1,3-Dichlorobenzene	6.78	146	619235	35.166	ng	99
13) 1,4-Dichlorobenzene	6.85	146	619649	34.921	ng	98
14) 1,2-Dichlorobenzene	7.01	146	581176	35.850	ng	98
15) Benzyl Alcohol	6.99	79	499562	36.854	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1077005	35.786	ng	64
17) 2-Methylphenol	7.10	107	481111	37.335	ng	# 90
18) Hexachloroethane	7.35	117	231942	34.823	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	419911	38.118	ng	99
20) 3+4-Methylphenols	7.26	107	633815	42.570	ng	# 61
22) Acetophenone	7.25	105	802885	40.277	ng	# 90
24) Nitrobenzene	7.42	77	642317	39.332	ng	94
25) Isophorone	7.66	82	1190095	40.021	ng	99
26) 2-Nitrophenol	7.73	139	336733	42.500	ng	97
27) 2,4-Dimethylphenol	7.78	122	555547	44.644	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	755938	39.180	ng	99
29) 2,4-Dichlorophenol	7.99	162	516806	41.708	ng	96
30) 1,2,4-Trichlorobenzene	8.06	180	531194	37.699	ng	98
31) Naphthalene	8.14	128	1696023	40.351	ng	99
32) Benzoic acid	7.90	122	162808	22.686	ng	99
33) 4-Chloroaniline	8.19	127	237981	12.425	ng	97
34) Hexachlorobutadiene	8.25	225	289676	36.132	ng	97
35) Caprolactam	8.56	113	104379	25.834	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	550435	44.131	ng	98
37) 2-Methylnaphthalene	8.83	142	1162747	42.876	ng	98
38) 1-Methylnaphthalene	8.93	142	1097603	42.978	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	524539	39.565	ng	99

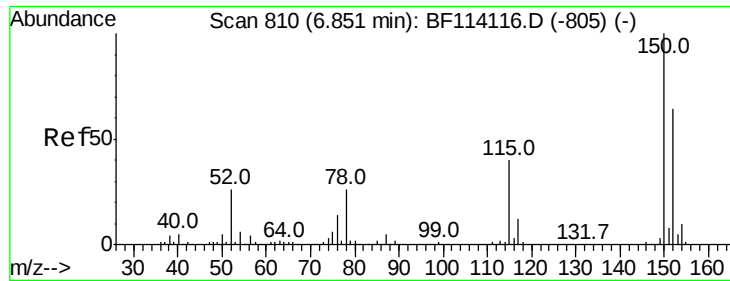
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	316978	52.870	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	356201	39.062	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	378148	40.436	nq	98
46) 1,1'-Biphenyl	9.29	154	1423300	40.255	nq	99
47) 2-Chloronaphthalene	9.32	162	1090180	38.313	nq	99
48) 2-Nitroaniline	9.42	65	392110	38.856	nq	97
49) Acenaphthylene	9.73	152	1740416	40.215	nq	99
50) Dimethylphthalate	9.59	163	1317845	41.018	nq	100
51) 2,6-Dinitrotoluene	9.66	165	296176	41.563	nq	98
52) Acenaphthene	9.90	154	1015664	38.244	nq	99
53) 3-Nitroaniline	9.83	138	198265	22.413	nq	100
54) 2,4-Dinitrophenol	9.95	184	144644	43.709	nq	99
55) Dibenzofuran	10.07	168	1510817	38.796	nq	99
56) 4-Nitrophenol	10.01	139	361790	57.834	nq	98
57) 2,4-Dinitrotoluene	10.07	165	377043	38.983	nq	# 90
58) Fluorene	10.42	166	1219754	40.551	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	310546	38.485	nq	99
60) Diethylphthalate	10.29	149	1341642	41.099	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	590669	39.982	nq	98
62) 4-Nitroaniline	10.45	138	332842	35.808	nq	97
63) Azobenzene	10.57	77	1279002	40.477	nq	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	137305	32.256	nq	84
66) n-Nitrosodiphenylamine	10.53	169	1116585	41.530	nq	98
67) 4-Bromophenyl-phenylether	10.90	248	388167	39.796	nq	94
68) Hexachlorobenzene	10.97	284	413986	38.366	nq	94
69) Atrazine	11.06	200	355016	42.431	nq	98
70) Pentachlorophenol	11.17	266	275168	53.795	nq	98
71) Phenanthrene	11.38	178	1773449	41.148	nq	98
72) Anthracene	11.43	178	1840164	42.509	nq	99
73) Carbazole	11.59	167	1700629	41.197	nq	99
74) Di-n-butylphthalate	11.91	149	2176936	45.774	nq	99
75) Fluoranthene	12.57	202	1924034	41.455	nq	97
77) Benzidine	12.69	184	383384	14.257	nq	97
78) Pyrene	12.80	202	1938730	40.229	nq	99
80) Butylbenzylphthalate	13.40	149	945828	46.628	nq	95
81) Benzo(a)anthracene	13.99	228	1578068	40.727	nq	100
82) 3,3'-Dichlorobenzidine	13.94	252	382914	25.475	nq	99
83) Chrysene	14.03	228	1573013	41.413	nq	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1344661	50.686	nq	99
85) Di-n-octyl phthalate	14.58	149	2144598	49.867	nq	100
86) Indeno(1,2,3-cd)pyrene	16.95	276	1546300	46.063	nq	98
88) Benzo(b)fluoranthene	15.04	252	1628635	42.639	nq	100
89) Benzo(k)fluoranthene	15.07	252	1387505	39.545	nq	99
90) Benzo(a)pyrene	15.41	252	1470455	43.744	nq	98
91) Dibenzo(a,h)anthracene	16.95	278	1288599	46.132	nq	99
92) Benzo(g,h,i)perylene	17.39	276	1340111	47.874	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

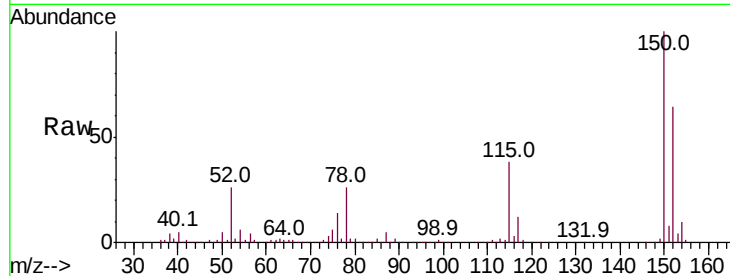


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.3	186.5
115	59.1	49.1	73.7

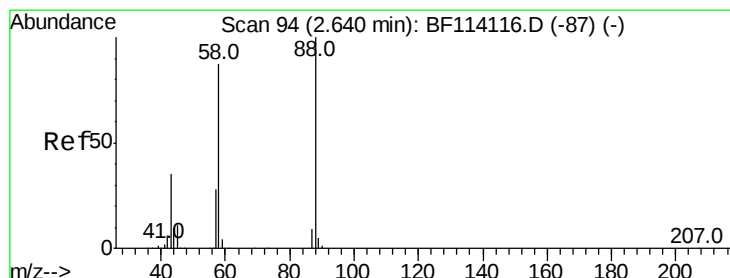
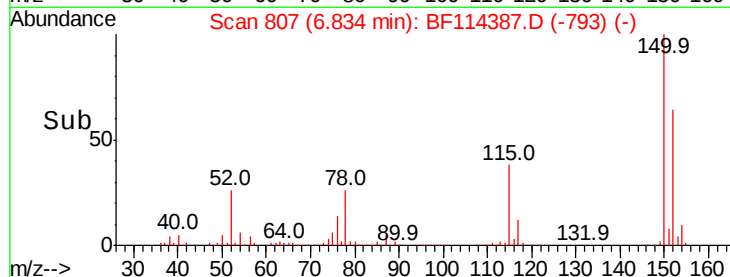
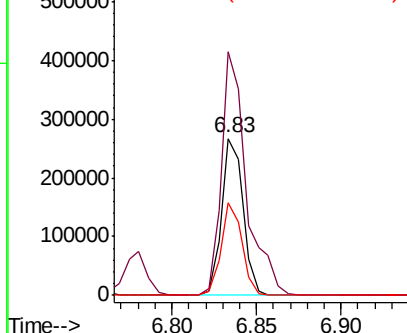


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

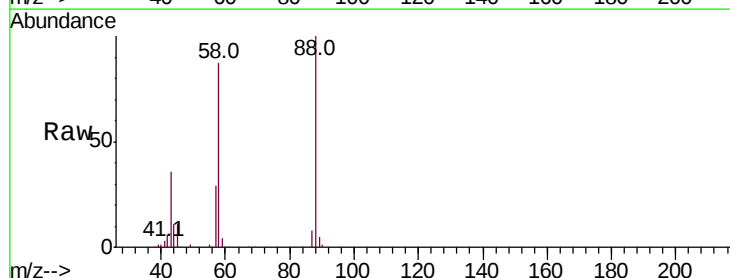
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.429 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.02 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	68.7	103.1
43	34.5	28.2	42.2

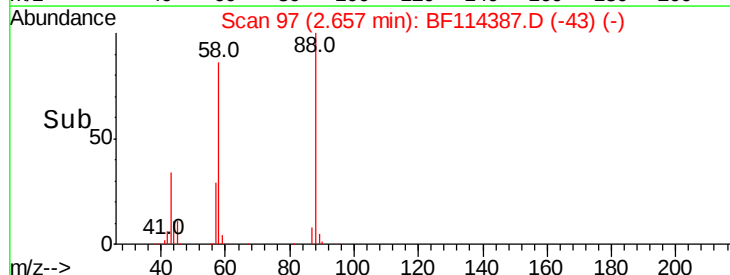
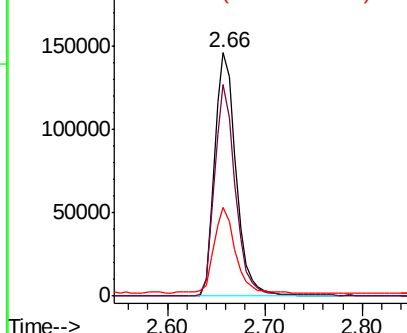


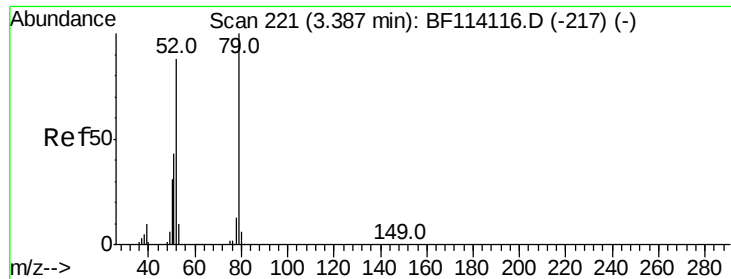
Abundance

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

Pvridine

Concen: 27.363 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.04 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

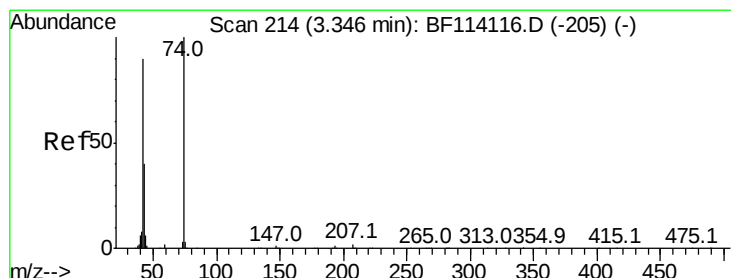
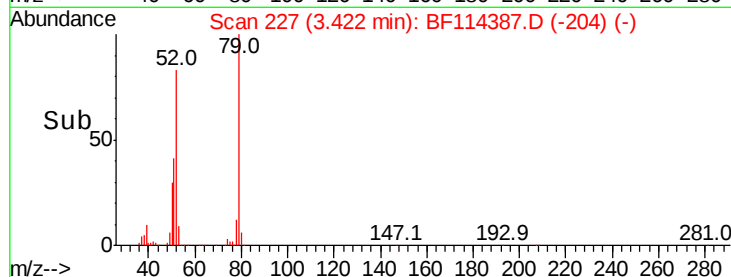
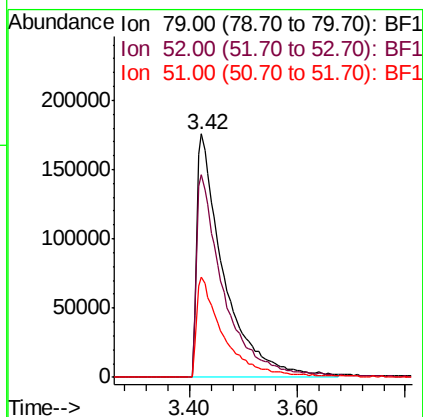
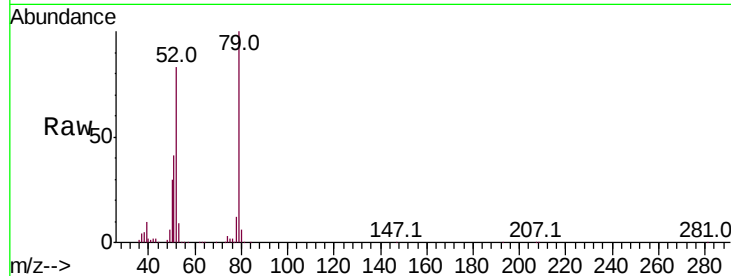
Tot Ion: 79 Resp: 608942

Ion Ratio Lower Upper

79 100

52 83.1 70.6 105.8

51 40.9 34.2 51.2



#4

n-Nitrosodimethylamine

Concen: 31.010 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

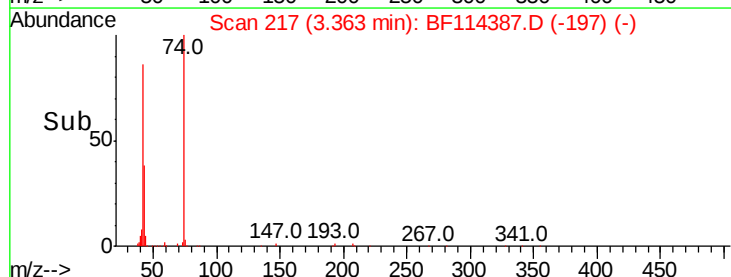
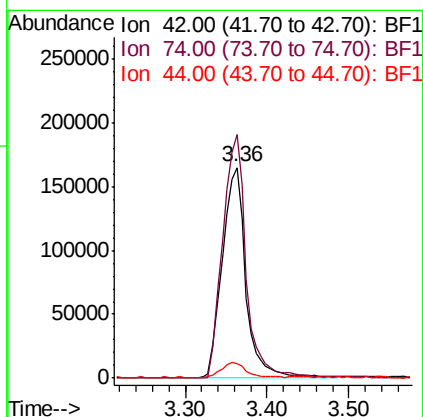
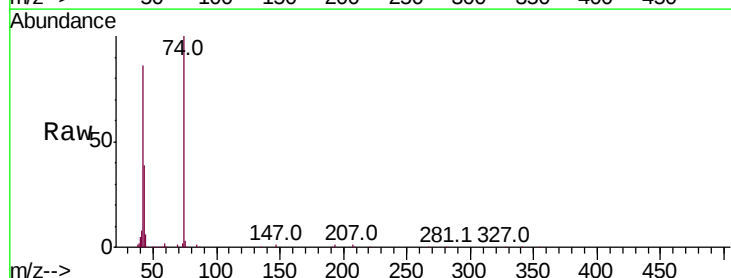
Tgt Ion: 42 Resp: 332786

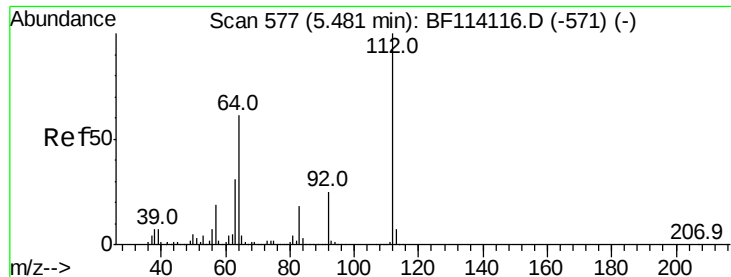
Ion Ratio Lower Upper

42 100

74 115.6 88.6 132.8

44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 104.577 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

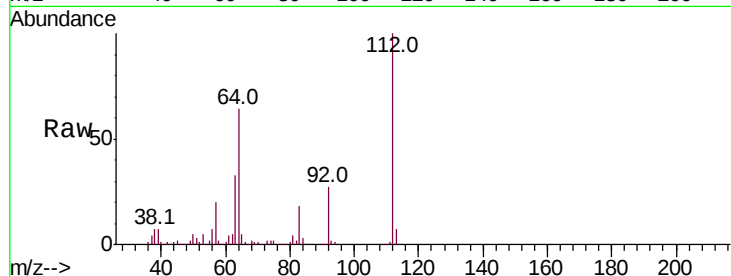
Tot Ion:112 Resp: 1536721

Ion Ratio Lower Upper

112 100

64 63.9 49.0 73.6

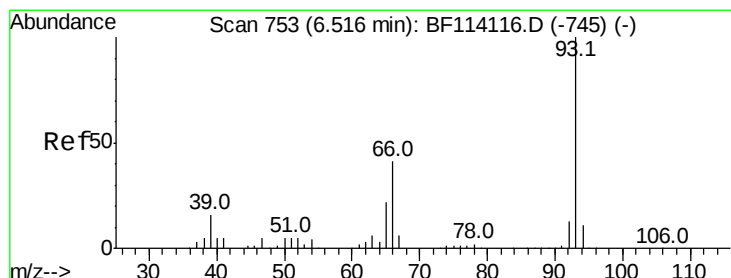
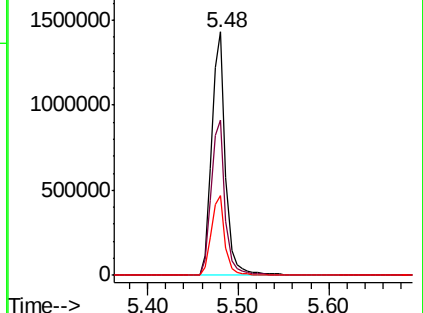
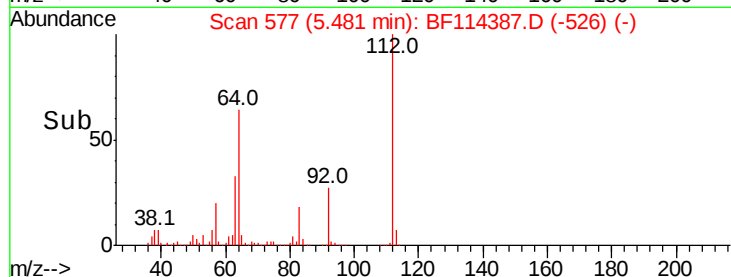
63 33.0 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.527 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

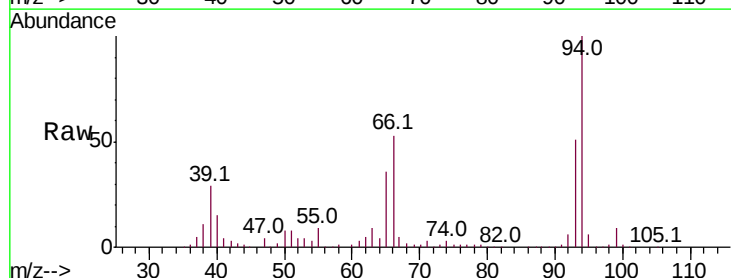
Tgt Ion: 93 Resp: 414913

Ion Ratio Lower Upper

93 100

66 104.3 33.2 49.8#

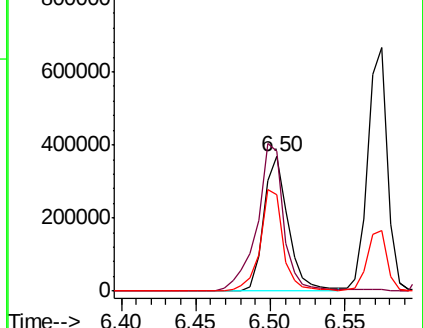
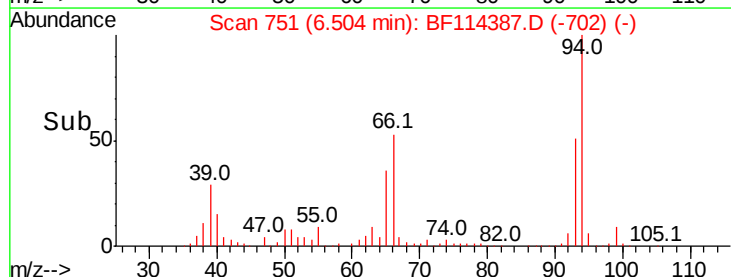
65 71.5 17.6 26.4#

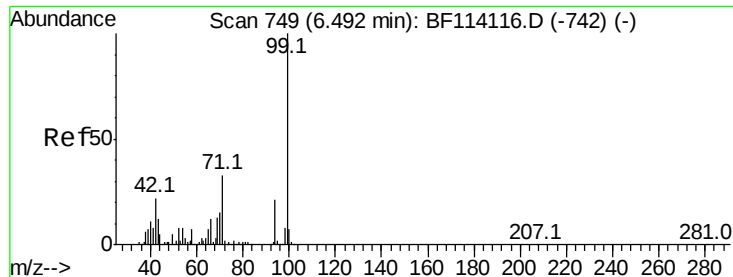


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.384 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

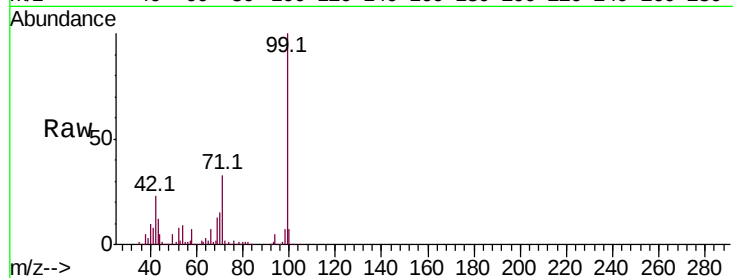
Tot Ion: 99 Resp: 2005344

Ion Ratio Lower Upper

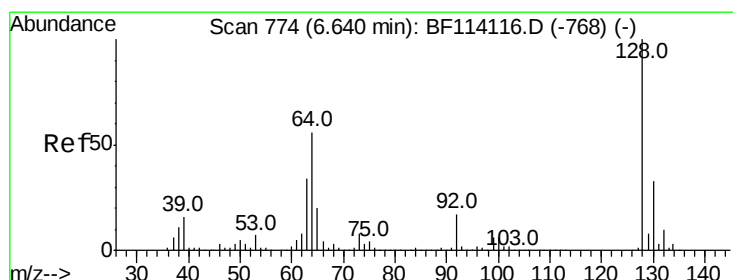
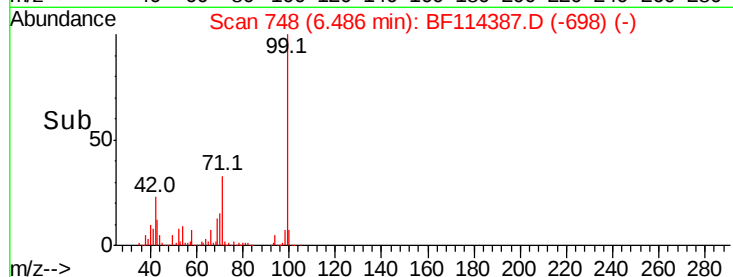
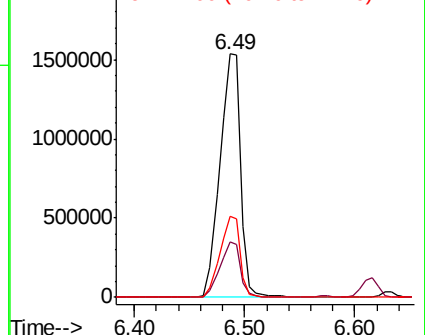
99 100

42 22.6 17.9 26.9

71 33.2 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: 38.433 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

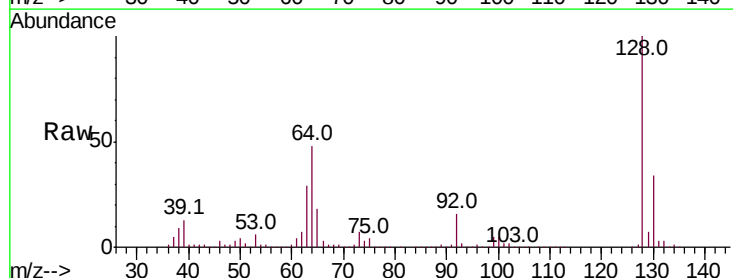
Tgt Ion:128 Resp: 602904

Ion Ratio Lower Upper

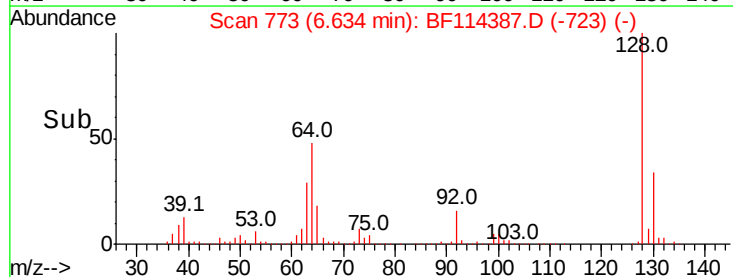
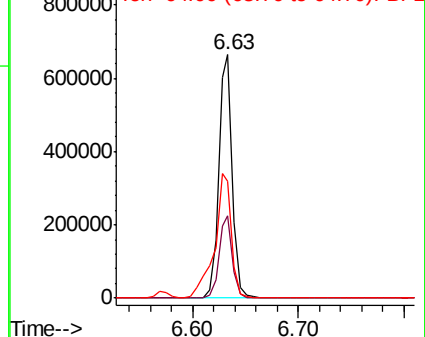
128 100

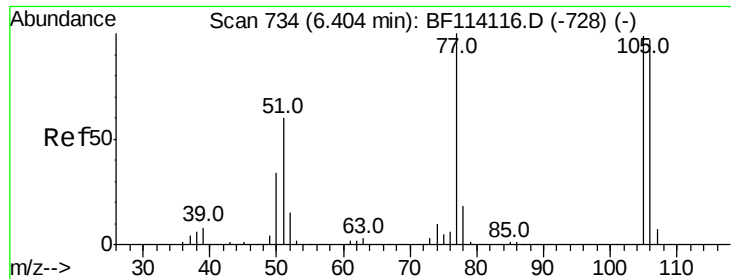
130 33.9 12.6 52.6

64 48.3 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

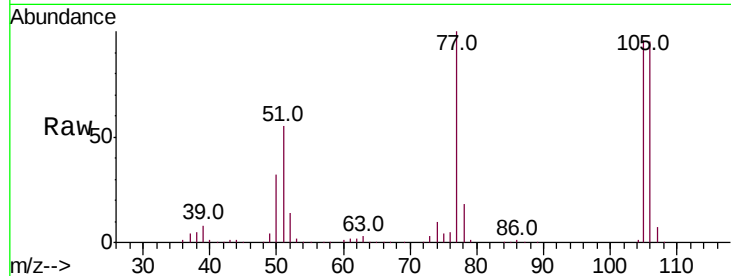




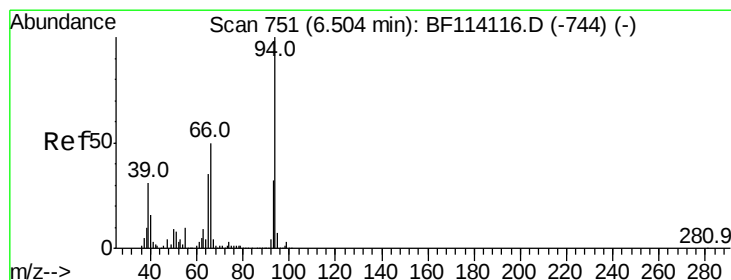
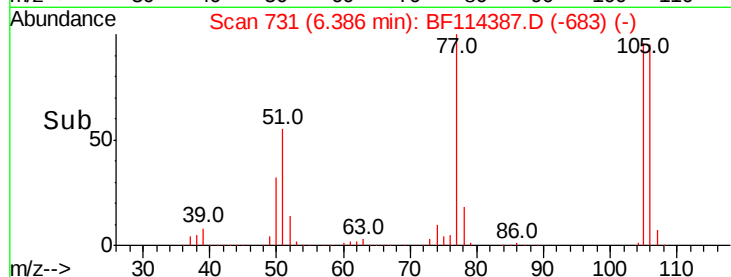
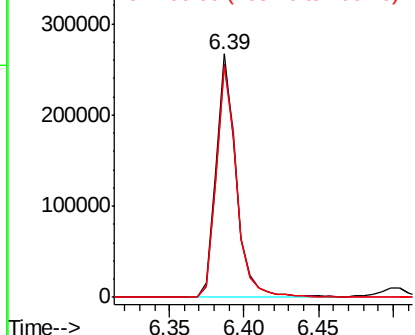
#9
Benzaldehyde
Concen: 20.595 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 250578
Ion Ratio Lower Upper
77 100
105 96.1 79.3 119.3
106 94.8 77.0 117.0

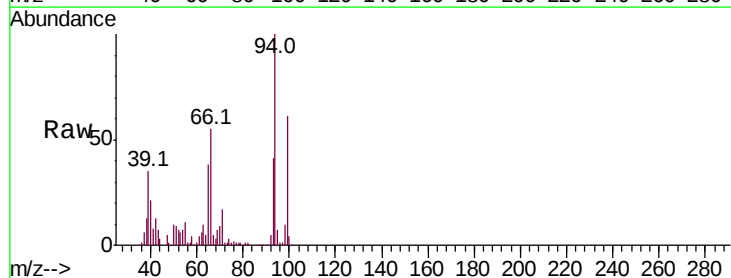


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

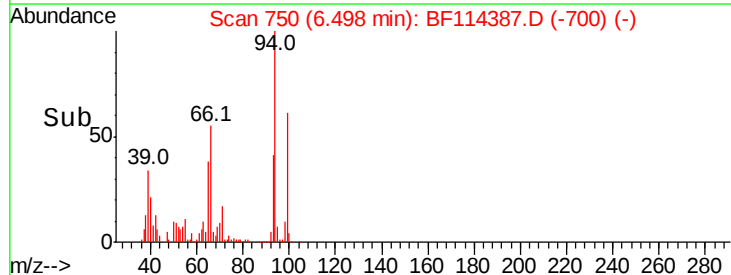
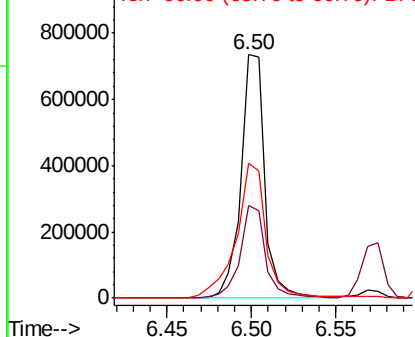


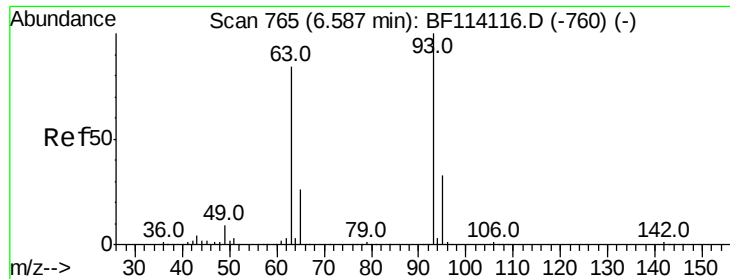
#10
Phenol
Concen: 35.500 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion: 94 Resp: 725798
Ion Ratio Lower Upper
94 100
65 37.8 14.7 54.7
66 55.2 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

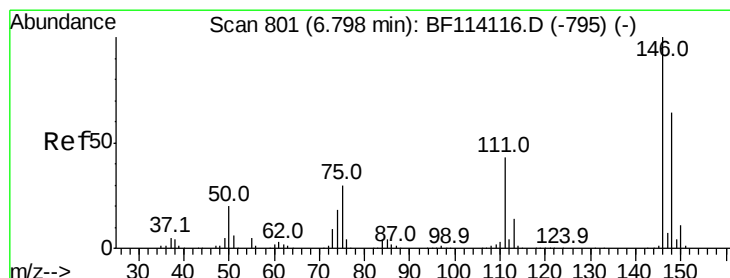
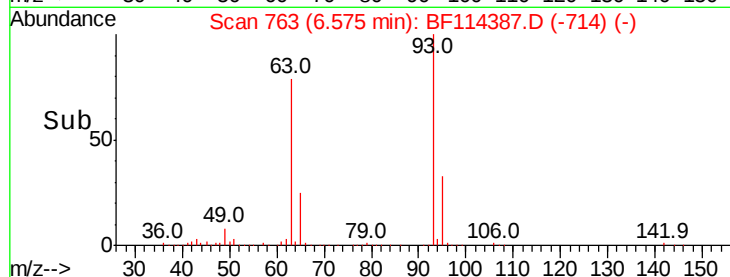
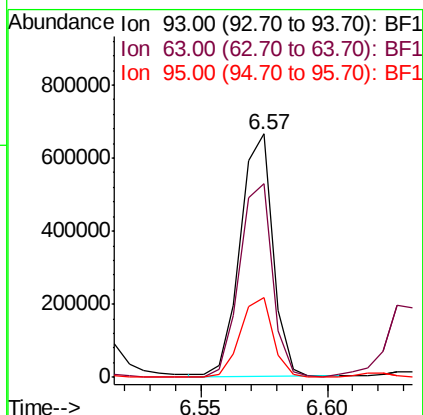
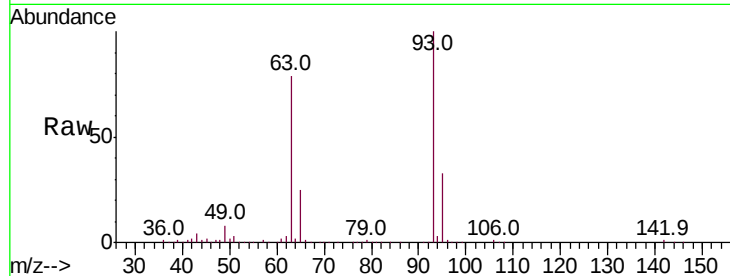




#11
 bis(2-Chloroethyl)ether
 Concen: 38.365 ng
 RT: 6.57 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

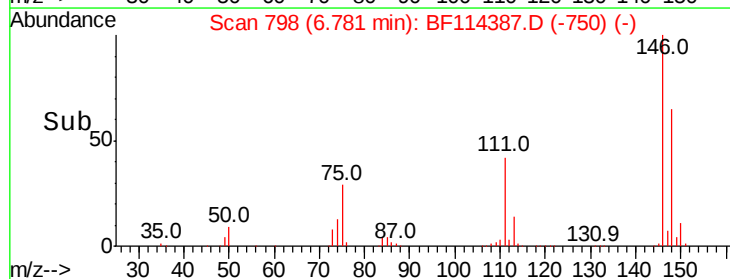
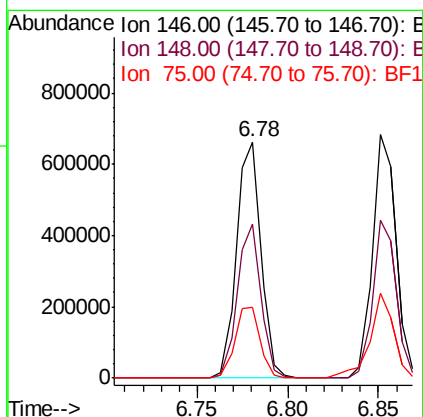
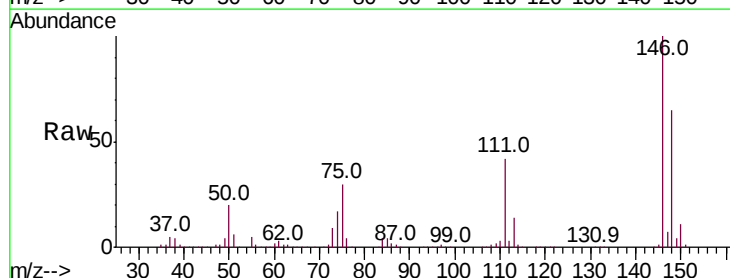
Instrument :
 BNA_F
 ClientSampleId :

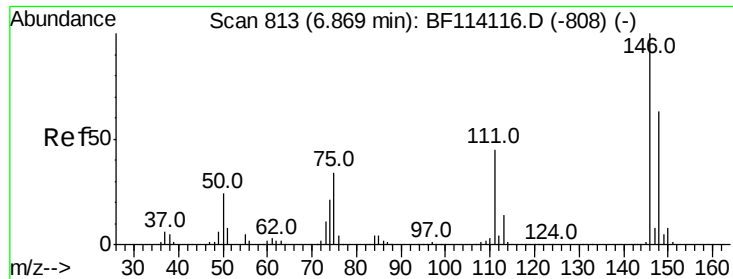
Tot Ion: 93 Resp: 595481
 Ion Ratio Lower Upper
 93 100
 63 79.4 63.6 103.6
 95 32.7 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 35.166 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Tgt Ion: 146 Resp: 619235
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.6 77.4
 75 30.1 24.2 36.2

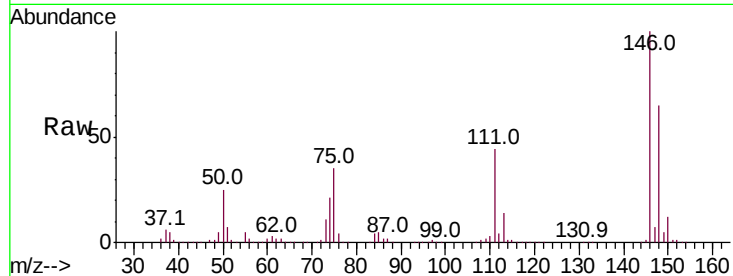




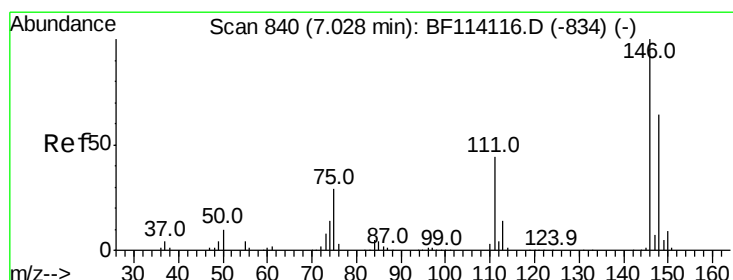
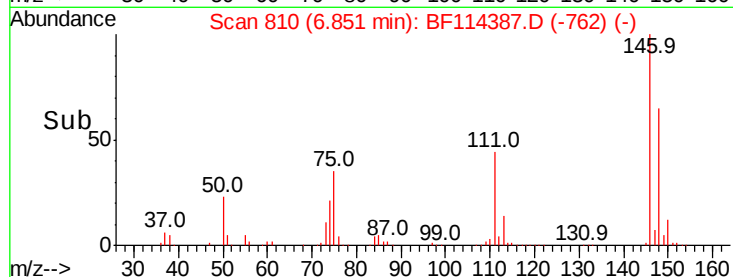
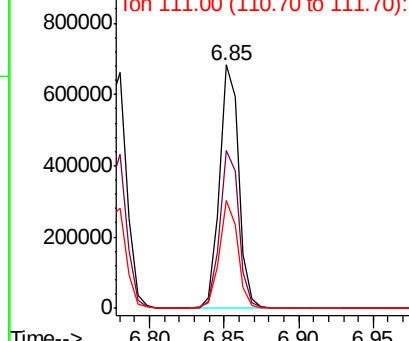
#13
 1,4-Dichlorobenzene
 Concen: 34.921 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 619649
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.2 75.2
 111 44.2 35.8 53.6

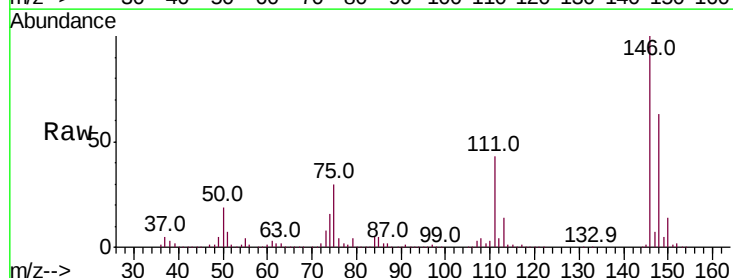


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

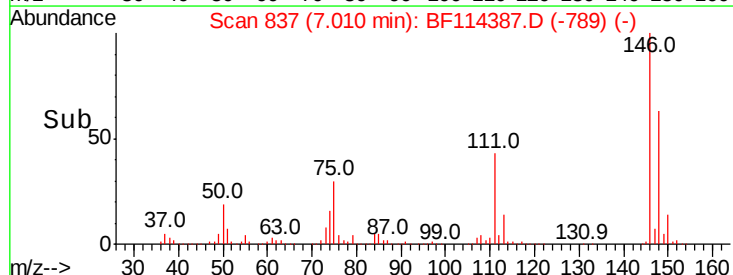
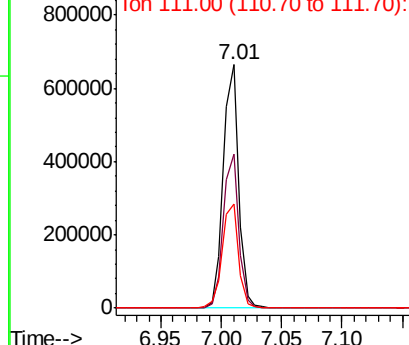


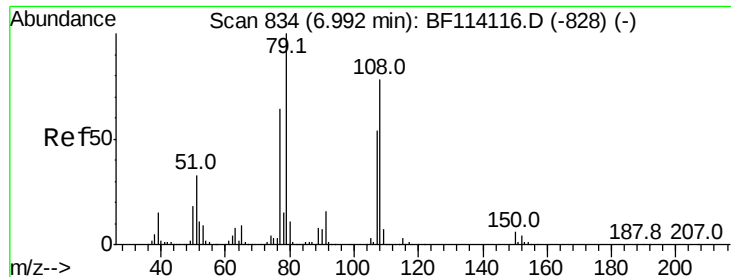
#14
 1,2-Dichlorobenzene
 Concen: 35.850 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.02 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Tgt Ion:146 Resp: 581176
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.1 76.7
 111 42.5 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: 36.854 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampled :

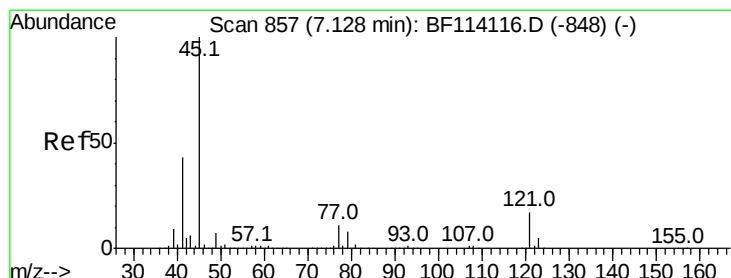
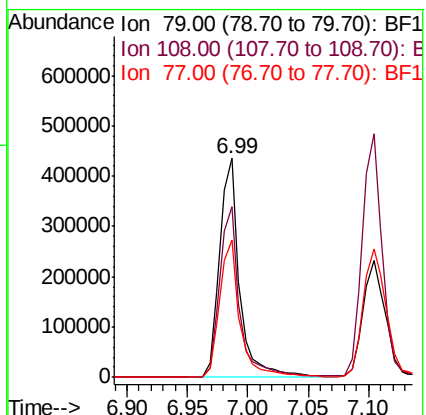
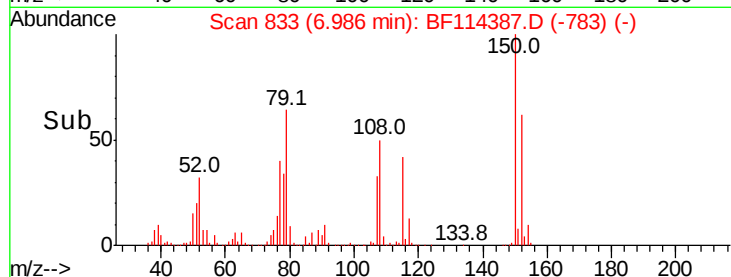
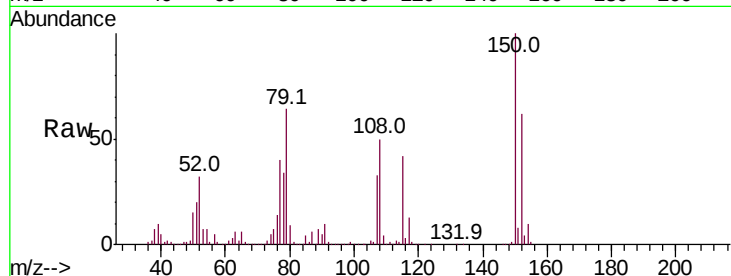
Tot Ion: 79 Resp: 499562

Ion Ratio Lower Upper

79 100

108 77.8 62.1 93.1

77 62.5 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.786 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

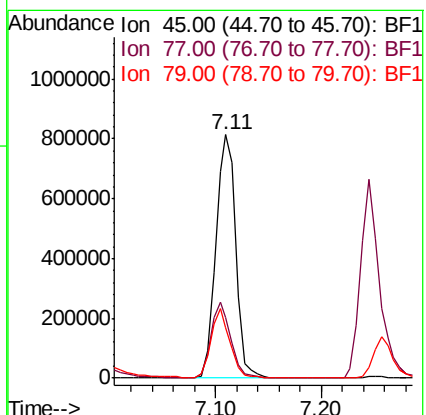
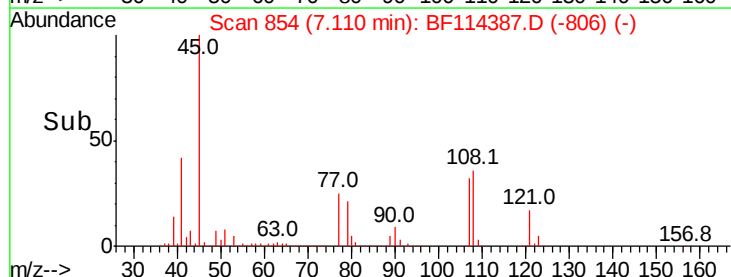
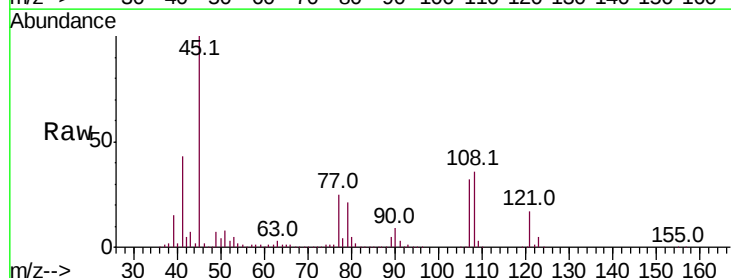
Tgt Ion: 45 Resp: 1077005

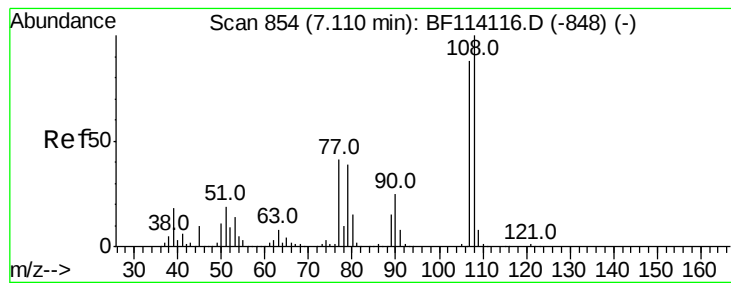
Ion Ratio Lower Upper

45 100

77 25.0 0.0 31.1

79 20.9 0.0 28.4





#17

2-Methylphenol

Concen: 37.335 ng

RT: 7.10 min Scan# 853

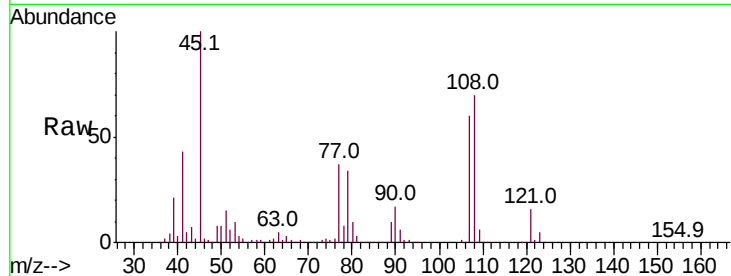
Delta R.T. -0.01 min

Lab File: BF114387.D

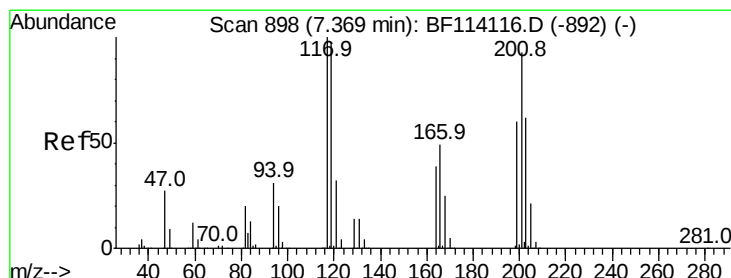
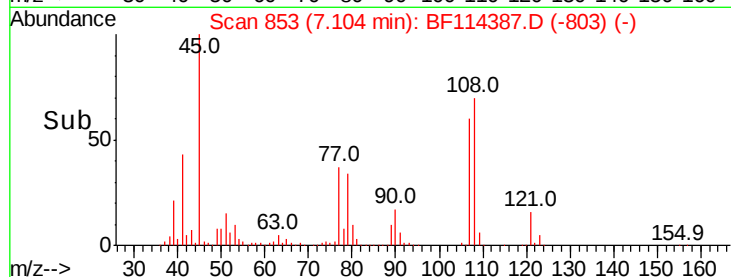
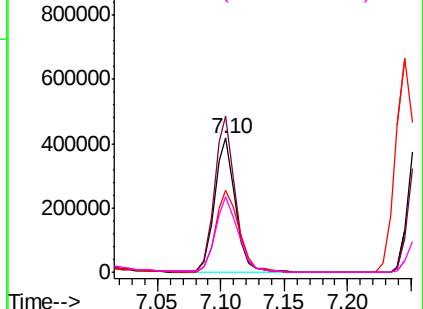
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	481111
Ion	Ratio	Lower	Upper
107	100		
108	116.1	90.5	135.7
77	61.1	37.0	55.4#
79	56.0	35.8	53.8#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.823 ng

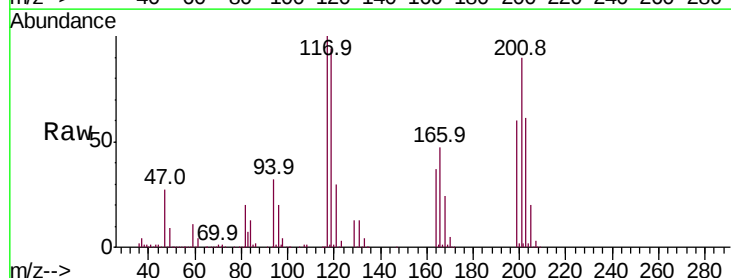
RT: 7.35 min Scan# 894

Delta R.T. -0.02 min

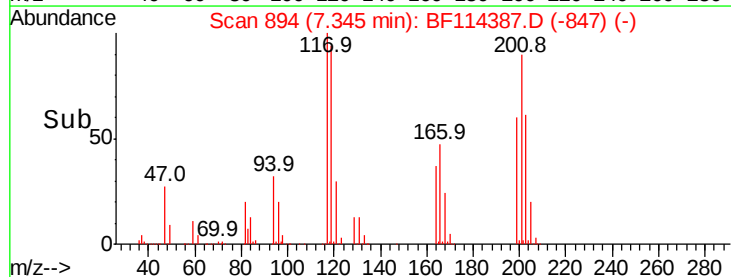
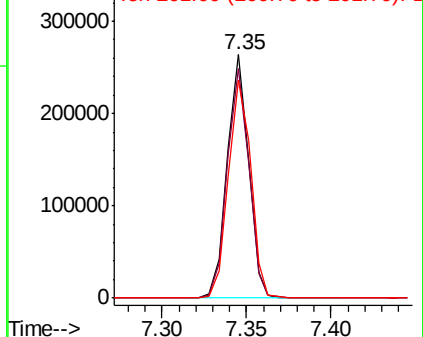
Lab File: BF114387.D

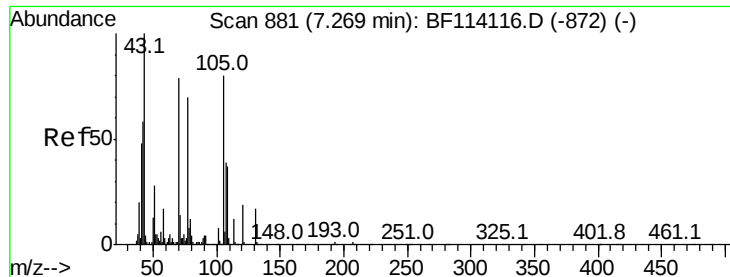
Acq: 18 May 2019 13:32

Tgt Ion:	117	Resp:	231942
Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.4	116.2
201	89.5	74.5	111.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

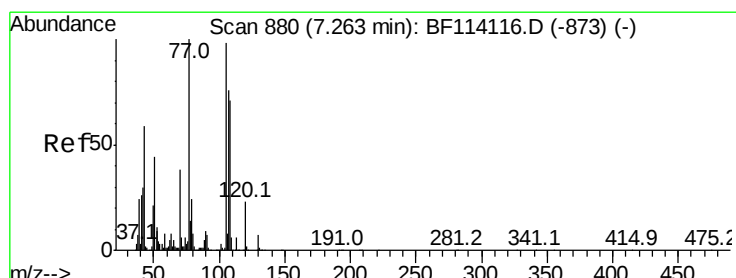
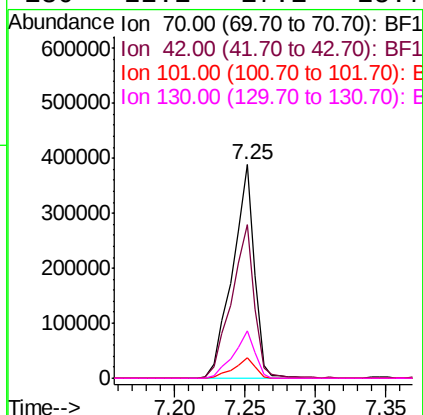
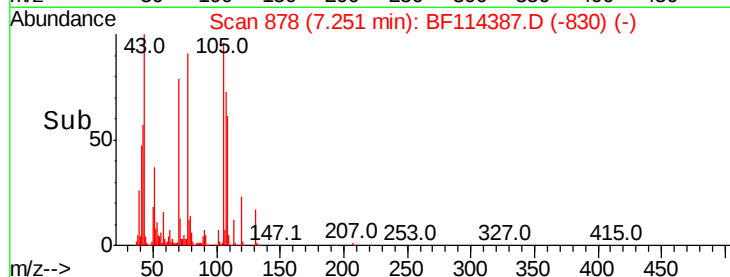
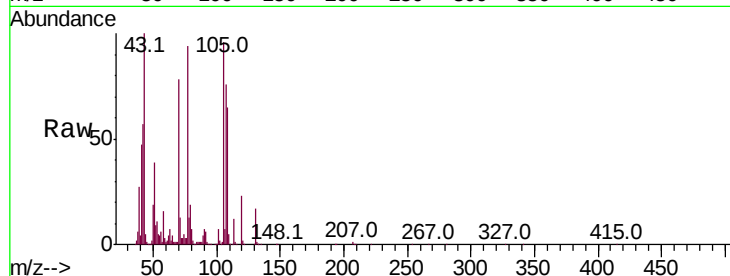




#19
n-Nitroso-di-n-propylamine
Concen: 38.118 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

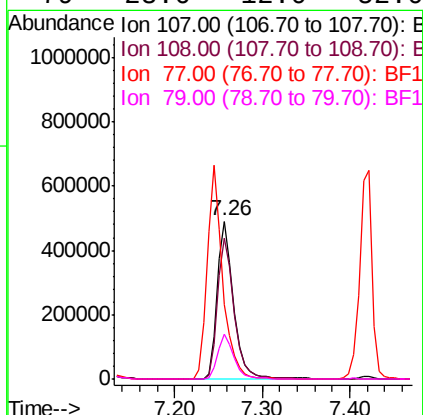
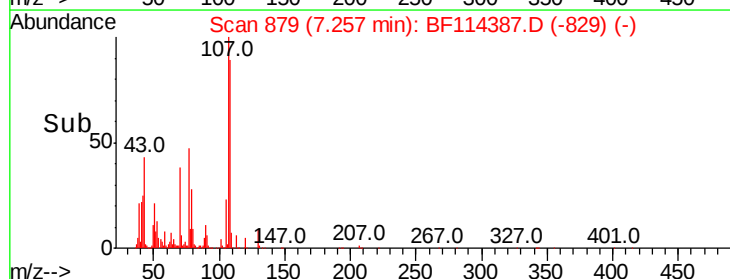
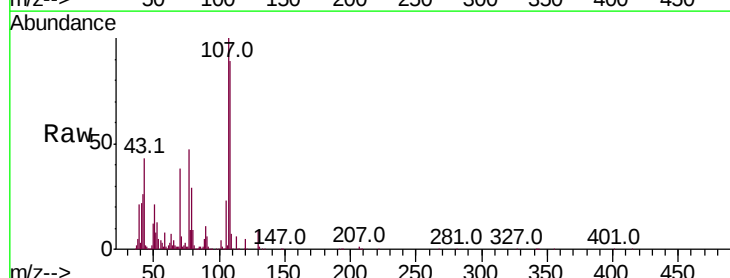
Instrument :
BNA_F
ClientSampleId :

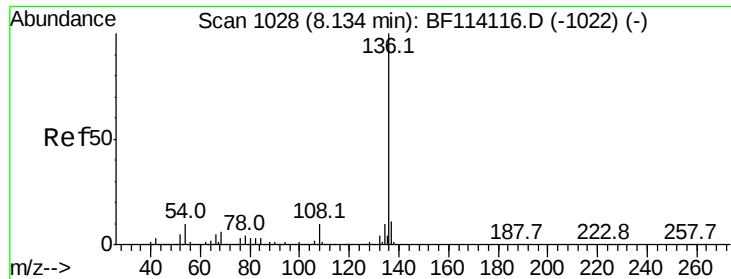
Tot Ion: 70 Resp: 419911
Ion Ratio Lower Upper
70 100
42 72.2 58.6 87.8
101 9.4 7.8 11.8
130 22.1 17.1 25.7



#20
3+4-Methylphenols
Concen: 42.570 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion:107 Resp: 633815
Ion Ratio Lower Upper
107 100
108 89.3 73.8 113.8
77 47.4 111.5 151.5#
79 28.6 12.0 52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 899824

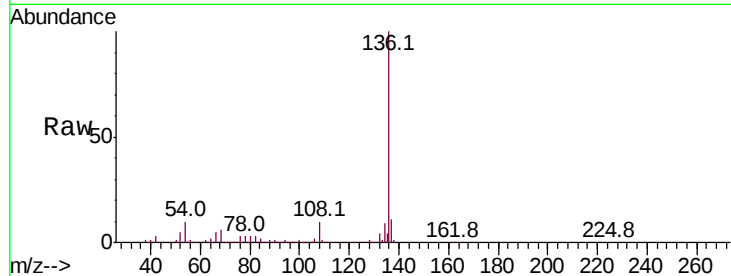
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.5 7.8 11.8

68 6.3 5.1 7.7

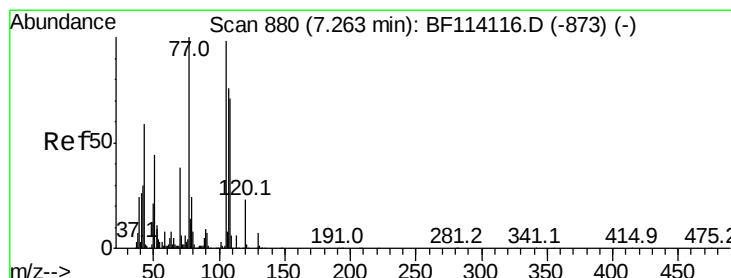
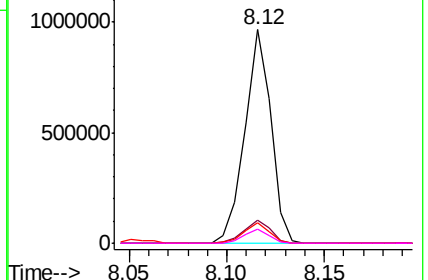
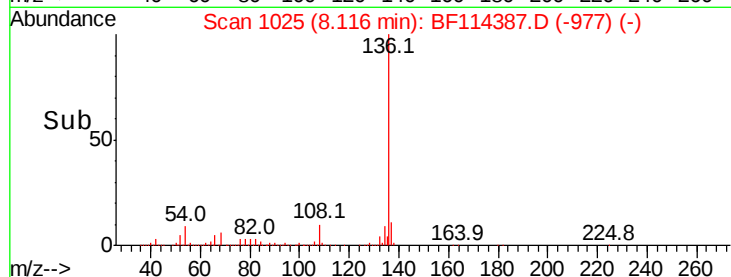


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.277 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Tgt Ion:105 Resp: 802885

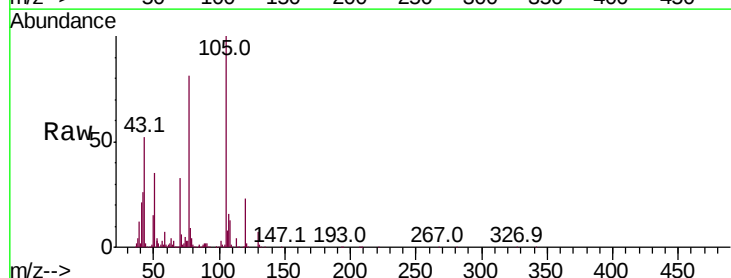
Ion Ratio Lower Upper

105 100

71 5.6 5.3 7.9

51 35.5 36.2 54.4#

120 22.9 18.6 28.0

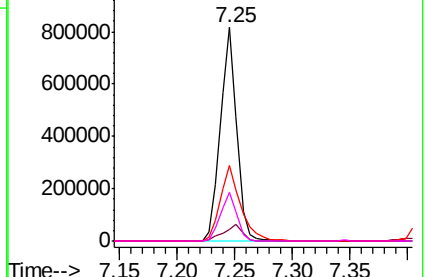
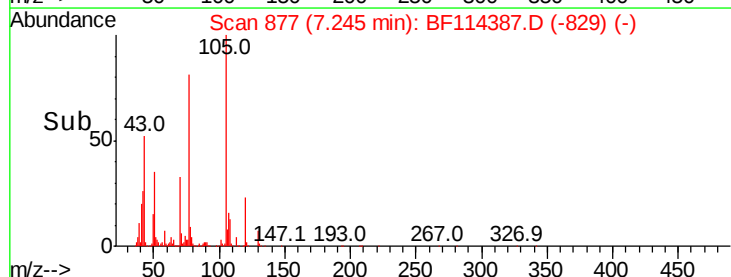


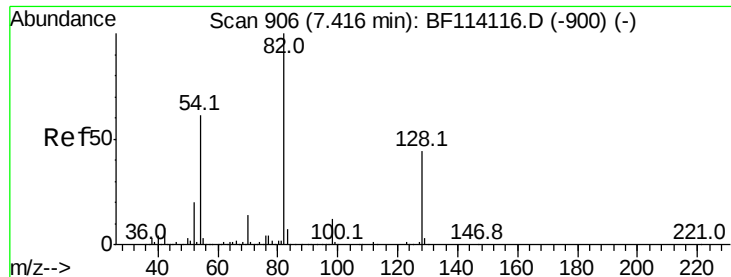
Abundance Ion 105.00 (104.70 to 105.70): E

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



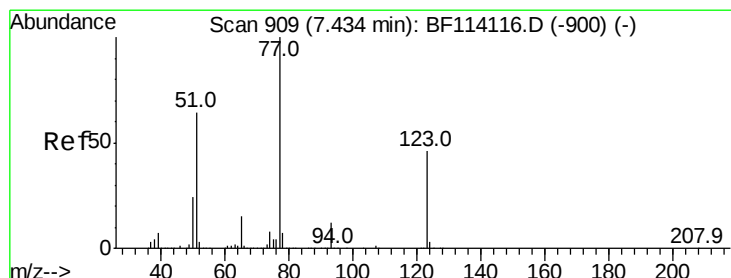
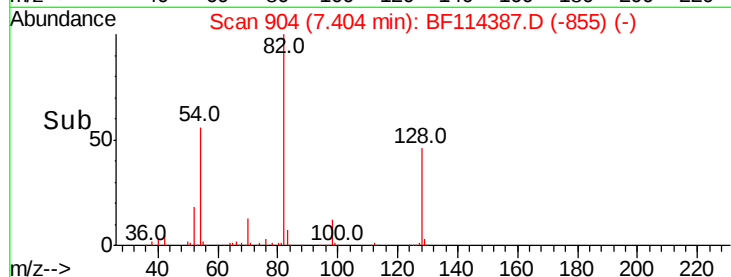
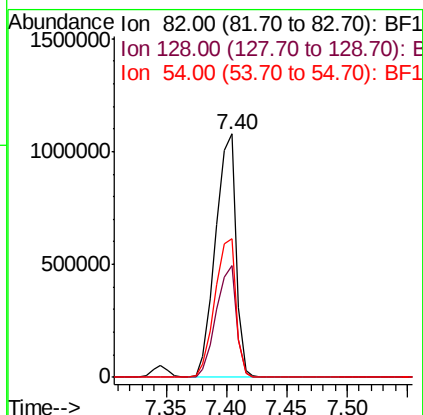
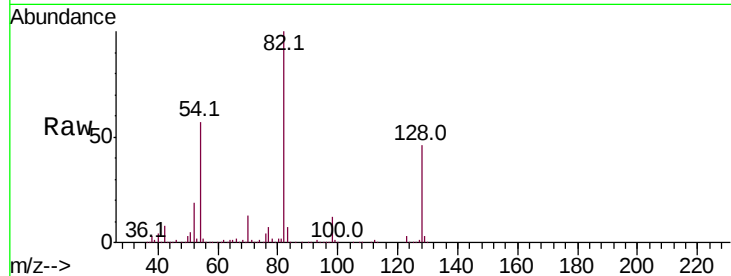


#23
 Nitrobenzene-d5
 Concen: 78.598 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1260228

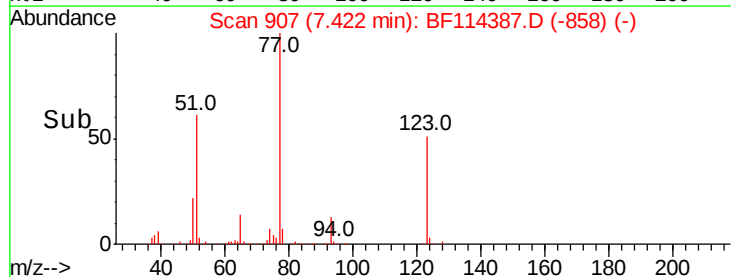
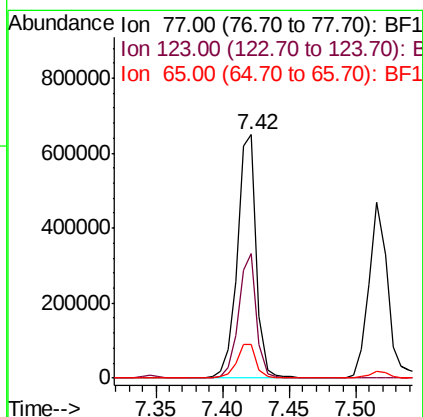
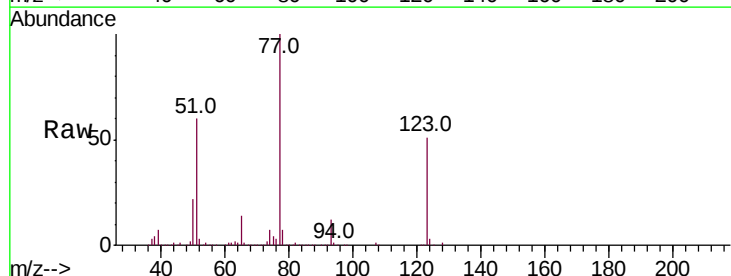
Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.5	53.3
54	56.8	48.5	72.7

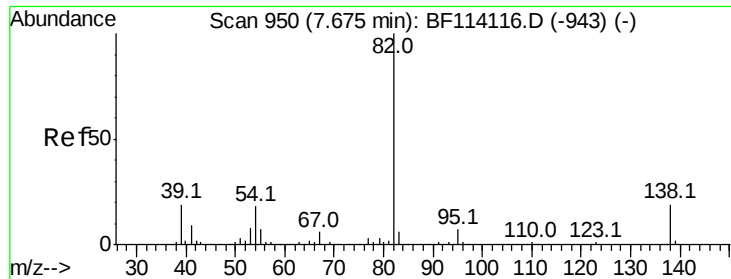


#24
 Nitrobenzene
 Concen: 39.332 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Tgt Ion: 77 Resp: 642317

Ion	Ratio	Lower	Upper
77	100		
123	50.9	36.9	55.3
65	13.9	11.8	17.6





#25

Isophorone

Concen: 40.021 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampled :

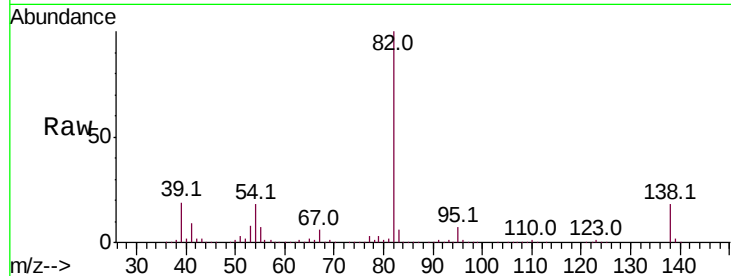
Tot Ion: 82 Resp: 1190095

Ion Ratio Lower Upper

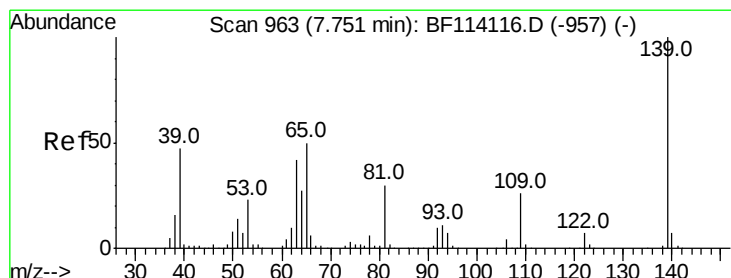
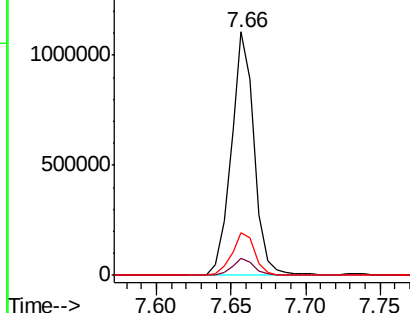
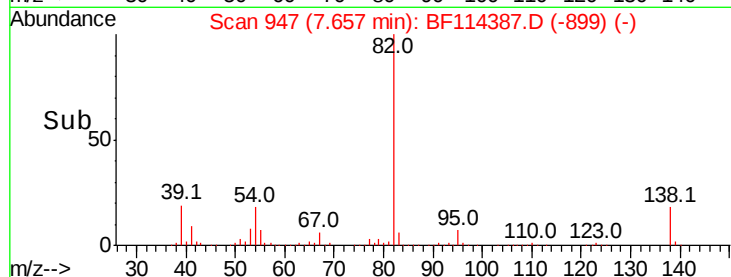
82 100

95 7.1 5.6 8.4

138 17.7 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.500 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

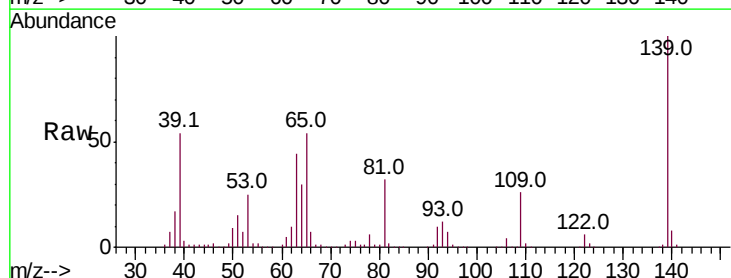
Tgt Ion: 139 Resp: 336733

Ion Ratio Lower Upper

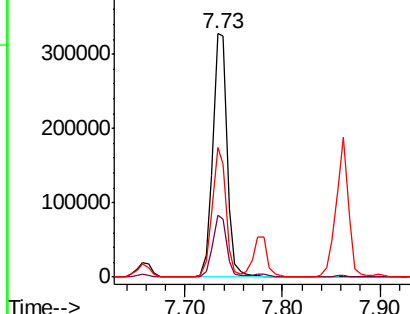
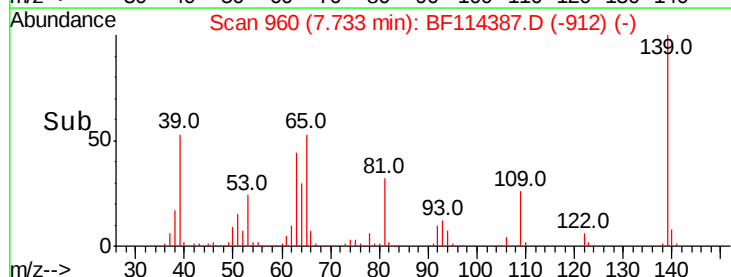
139 100

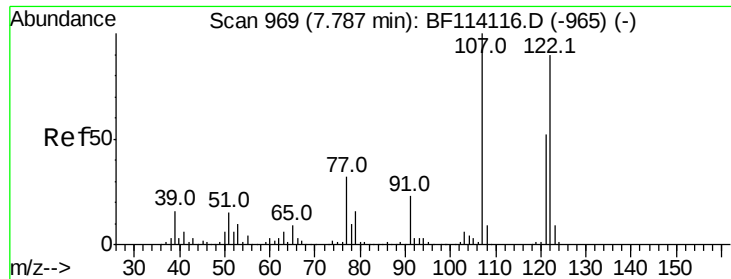
109 25.5 20.7 31.1

65 53.5 40.2 60.2



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

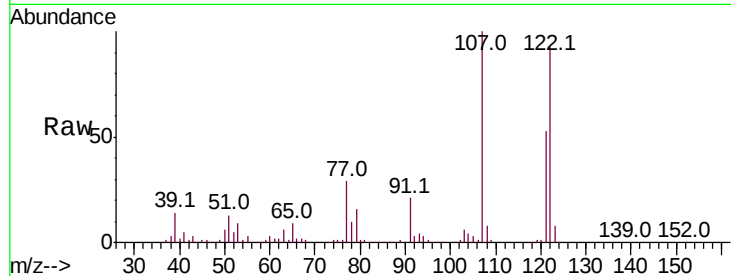




#27
2,4-Dimethylphenol
Concen: 44.644 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.3	88.4	132.6
121	56.9	45.9	68.9

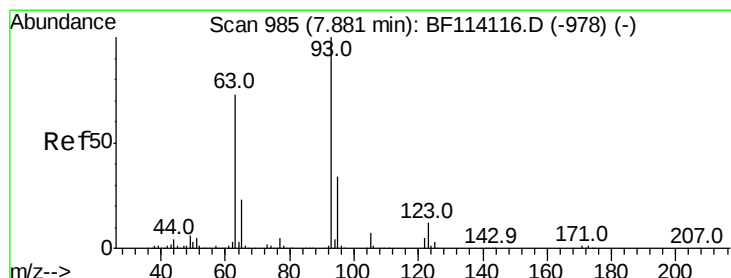
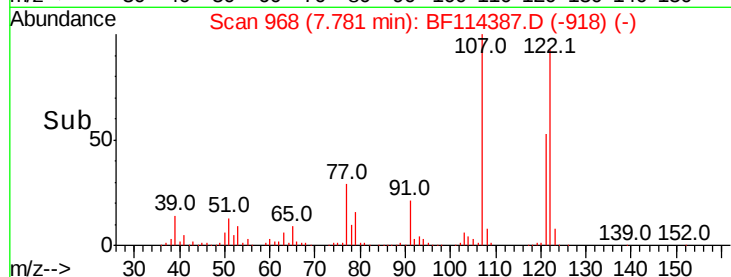
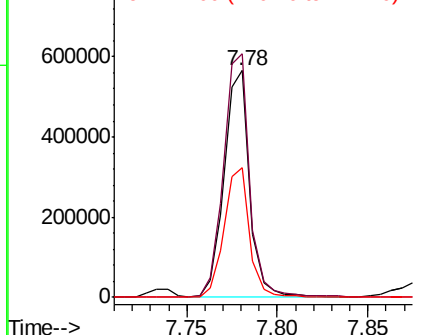


Abundance

Ion 122.00 (121.70 to 122.70): E

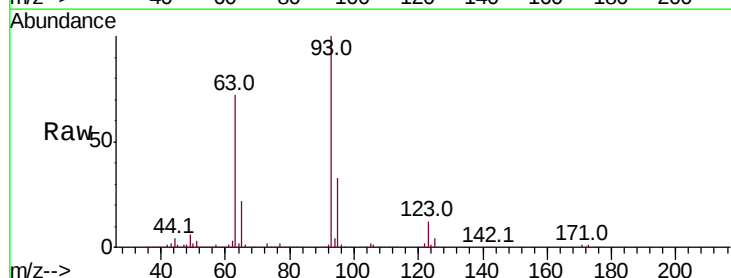
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.180 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.8	40.2
123	11.7	9.5	14.3

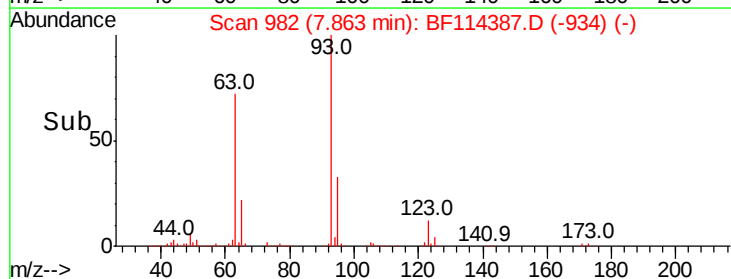
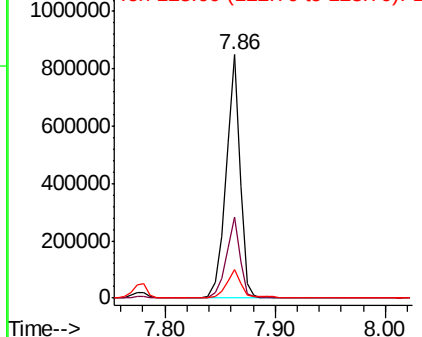


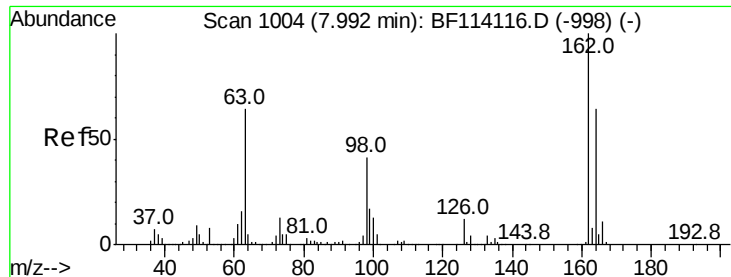
Abundance

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

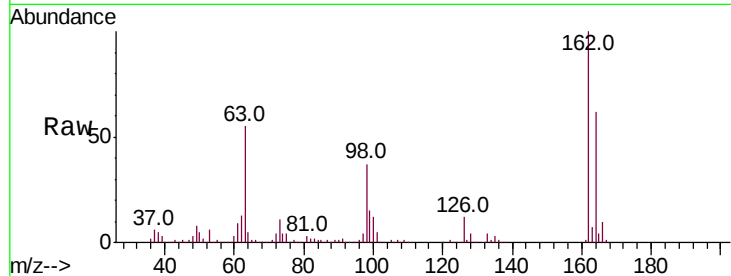




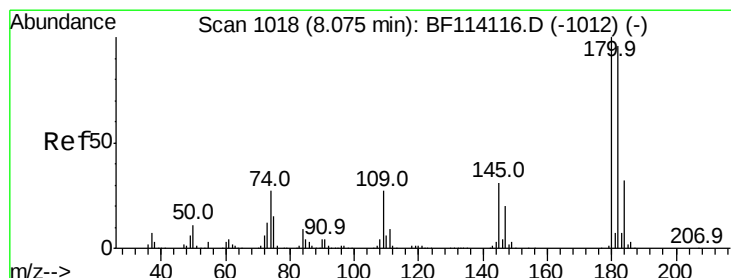
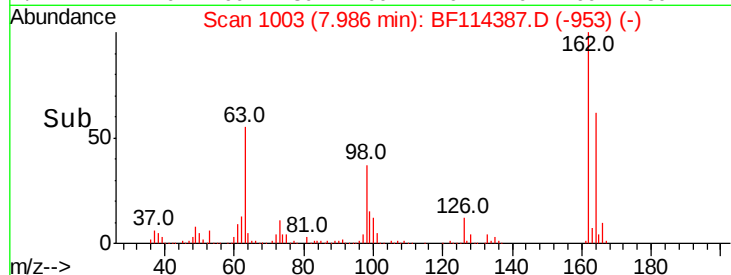
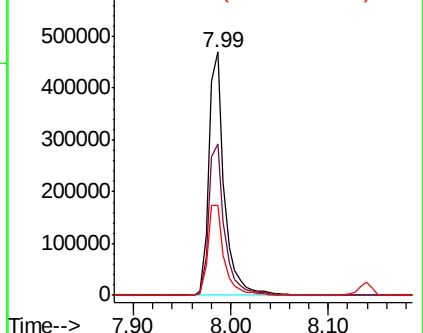
#29
2,4-Dichlorophenol
Concen: 41.708 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 516806
Ion Ratio Lower Upper
162 100
164 62.1 43.6 83.6
98 36.9 20.6 60.6

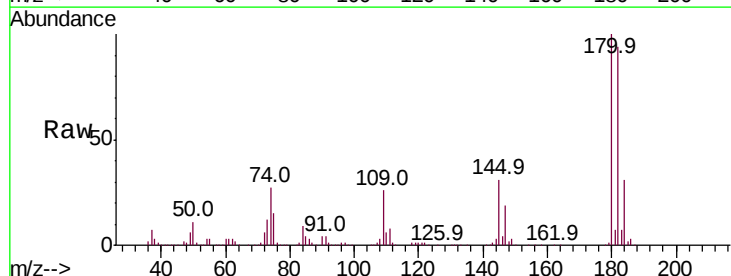


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

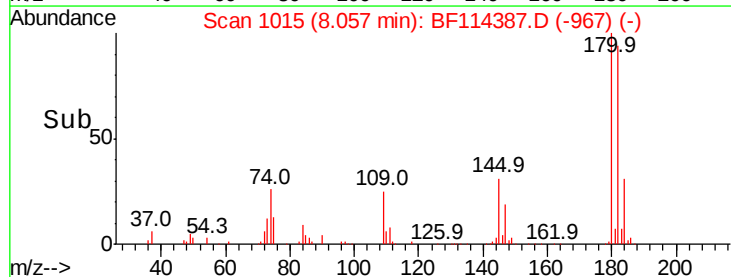
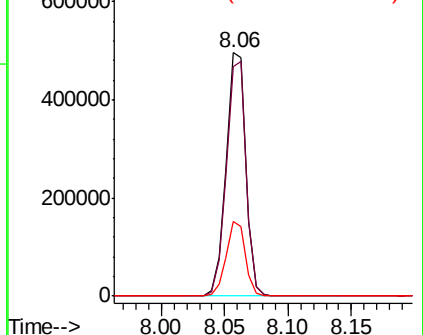


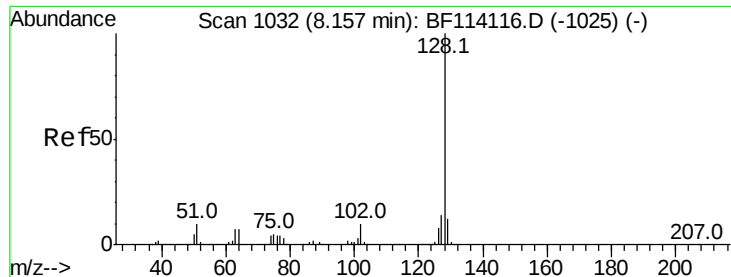
#30
1,2,4-Trichlorobenzene
Concen: 37.699 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion:180 Resp: 531194
Ion Ratio Lower Upper
180 100
182 94.1 76.6 114.8
145 30.8 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

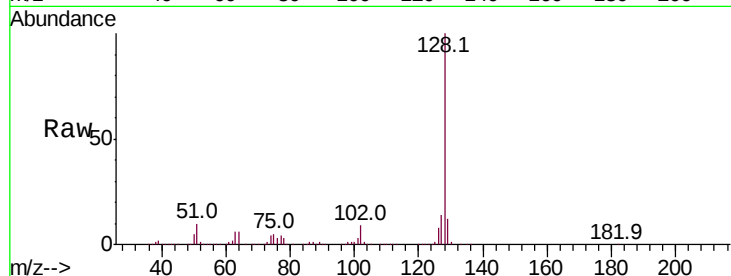




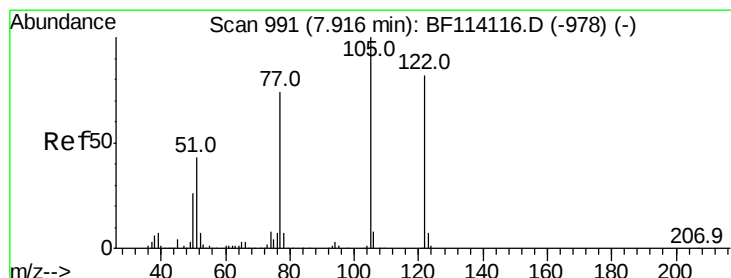
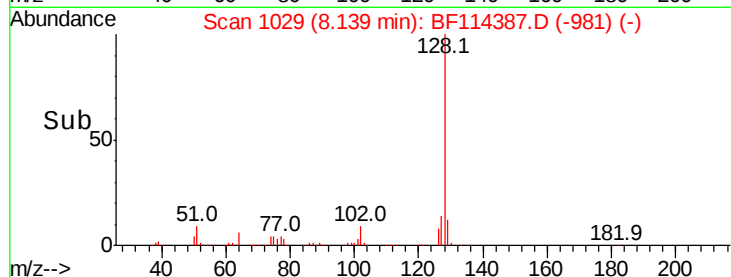
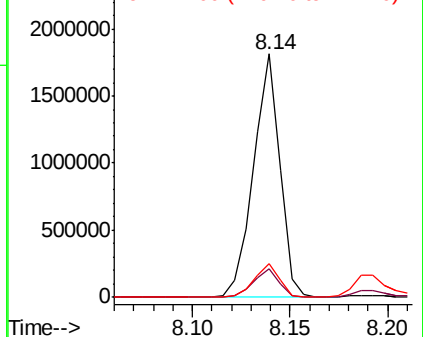
#31
Naphthalene
Concen: 40.351 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1696023
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 13.6 11.3 16.9

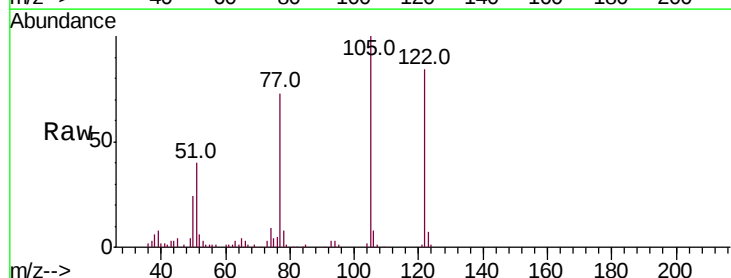


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

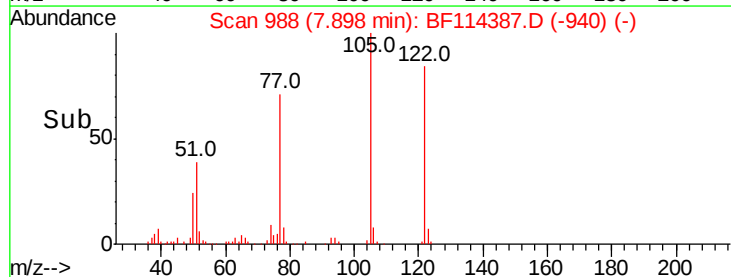
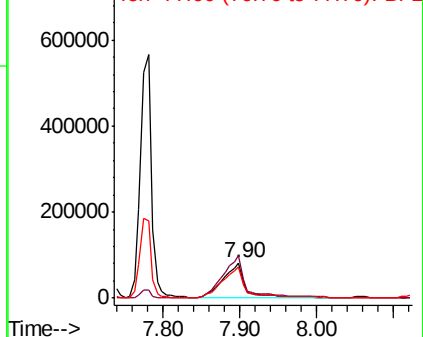


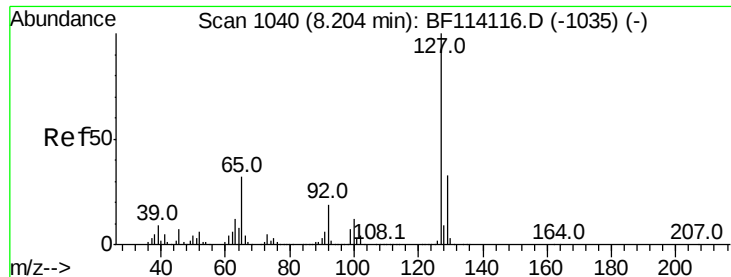
#32
Benzoic acid
Concen: 22.686 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion:122 Resp: 162808
Ion Ratio Lower Upper
122 100
105 119.3 99.9 139.9
77 86.9 69.4 109.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

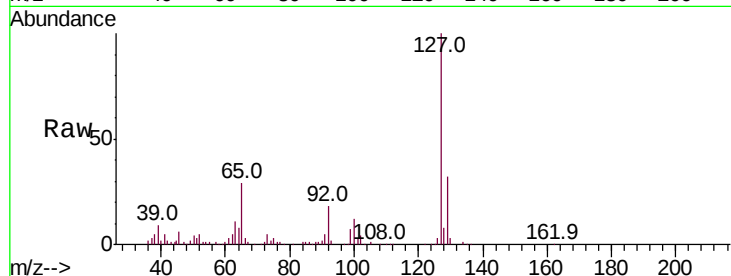




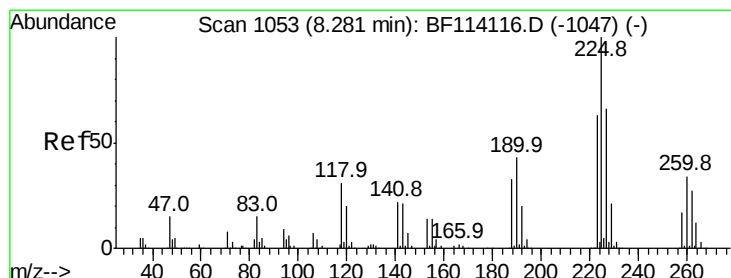
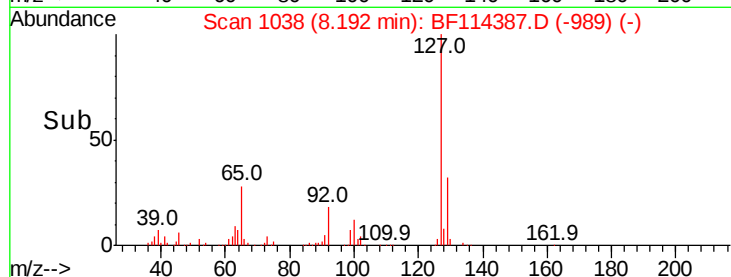
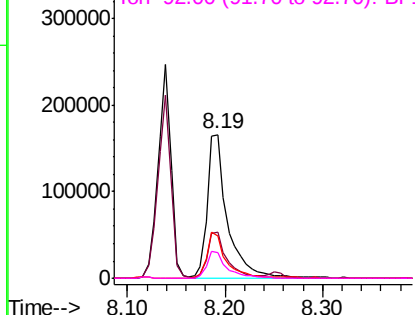
#33
 4-Chloroaniline
 Concen: 12.425 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	237981
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.7	40.1
65	29.4	25.4	38.0
92	17.7	15.4	23.2

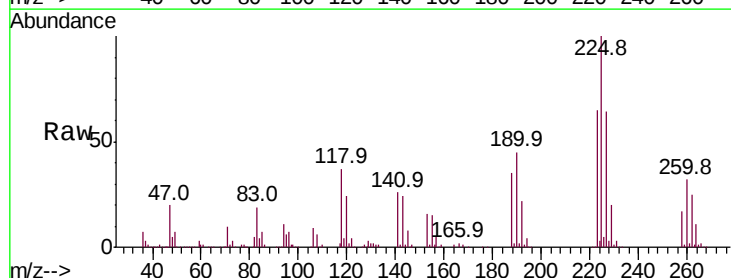


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

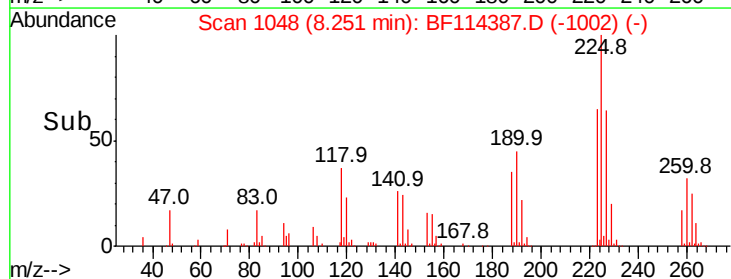
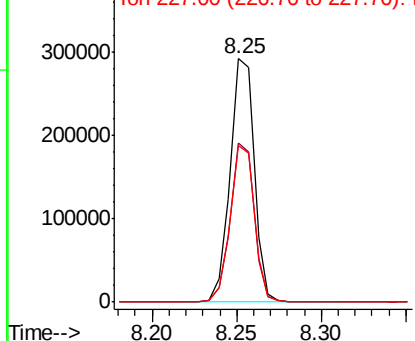


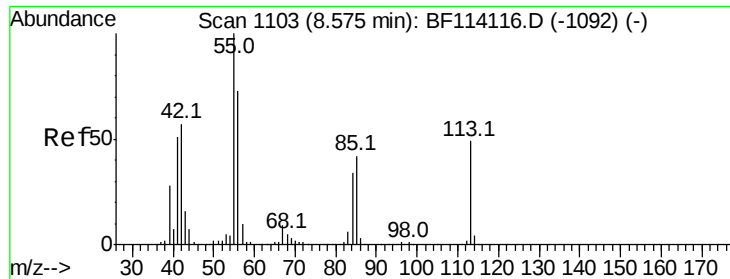
#34
 Hexachlorobutadiene
 Concen: 36.132 ng
 RT: 8.25 min Scan# 1048
 Delta R.T. -0.03 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Tgt Ion:	225	Resp:	289676
Ion	Ratio	Lower	Upper
225	100		
223	65.3	50.2	75.2
227	64.4	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

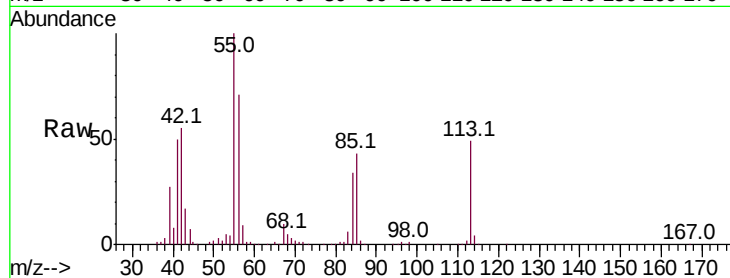




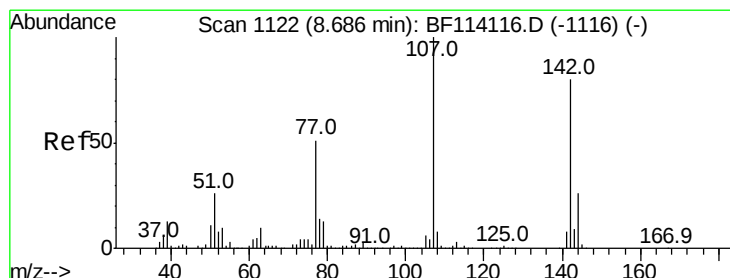
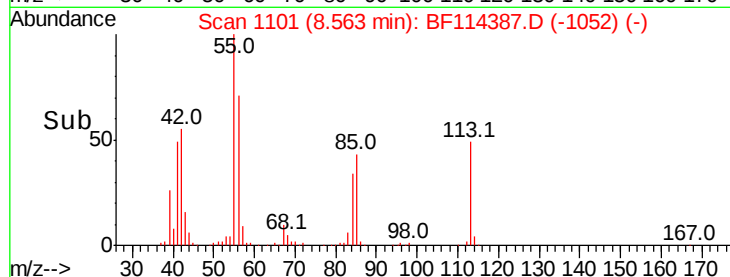
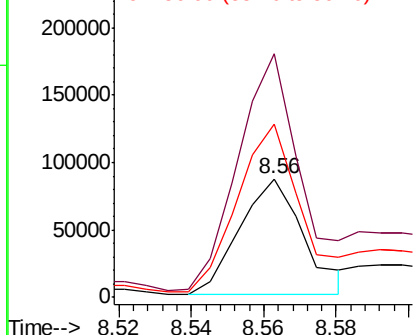
#35
Caprolactam
Concen: 25.834 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 104379
Ion Ratio Lower Upper
113 100
55 205.3 183.5 223.5
56 145.9 128.8 168.8

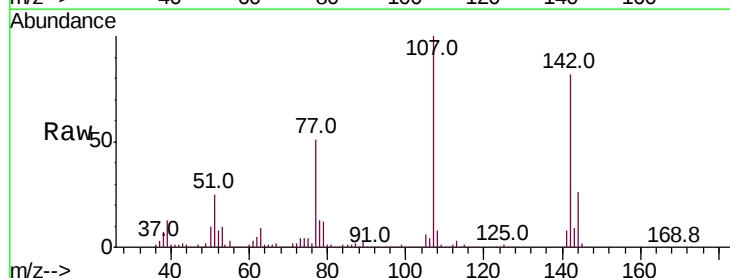


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

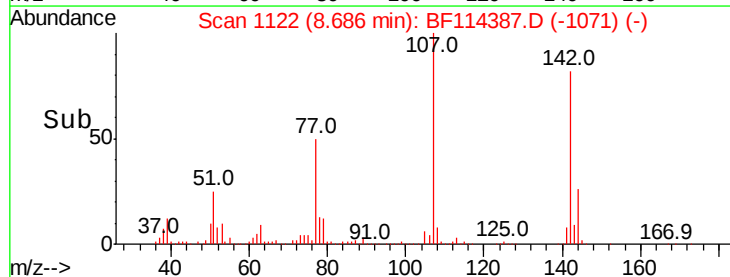
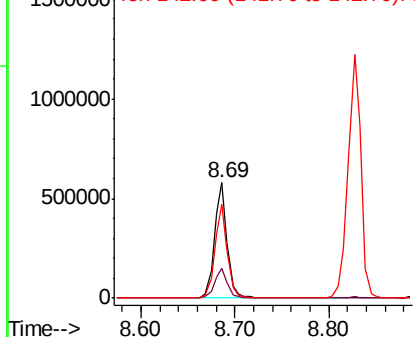


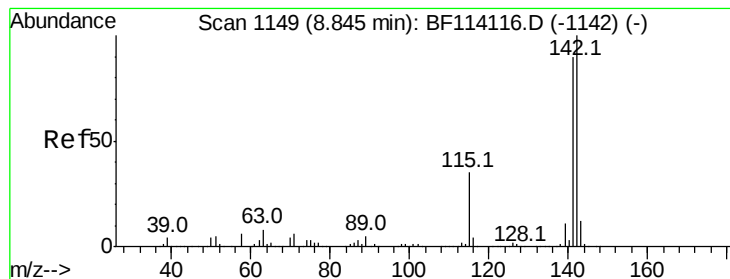
#36
4-Chloro-3-methylphenol
Concen: 44.131 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion:107 Resp: 550435
Ion Ratio Lower Upper
107 100
144 26.4 20.4 30.6
142 82.0 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

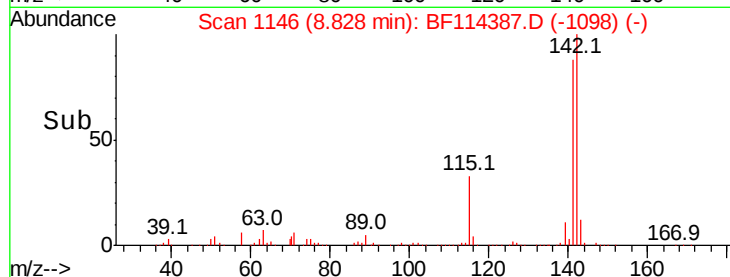
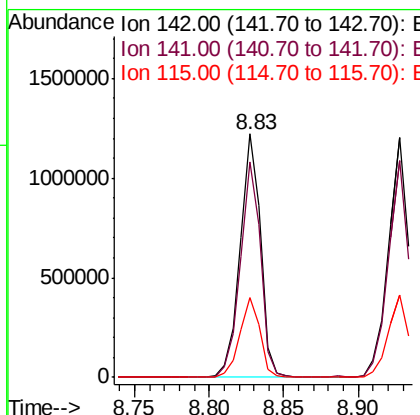
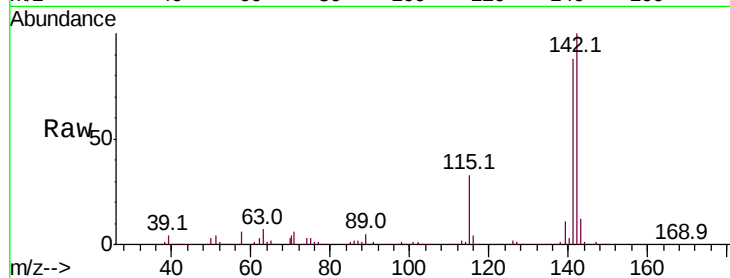




#37
 2-Methylnaphthalene
 Concen: 42.876 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

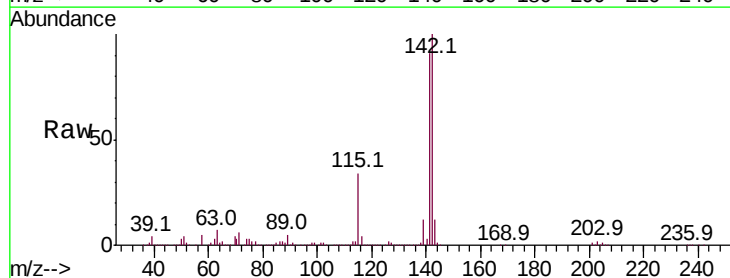
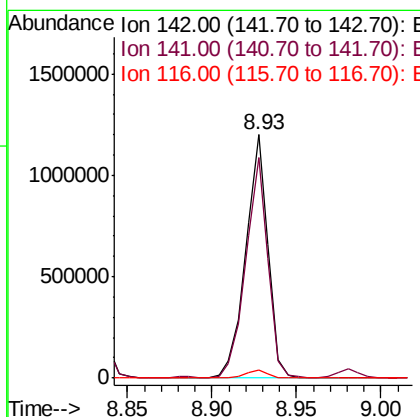
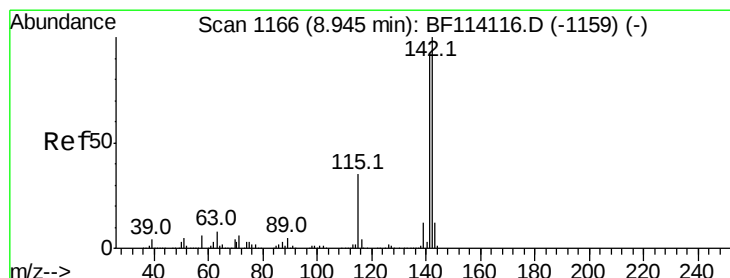
Instrument :
 BNA_F
 ClientSampleId :

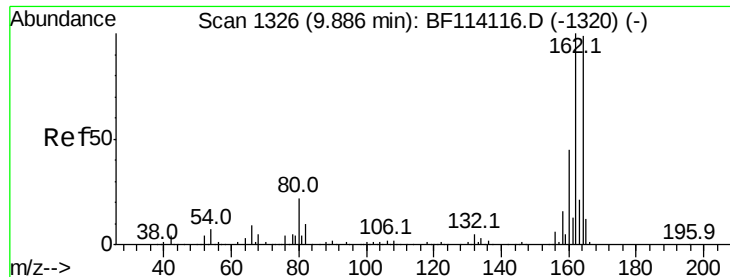
Tot Ion:142 Resp: 1162747
 Ion Ratio Lower Upper
 142 100
 141 88.3 72.1 108.1
 115 32.9 28.0 42.0



#38
 1-Methylnaphthalene
 Concen: 42.978 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.02 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Tgt Ion:142 Resp: 1097603
 Ion Ratio Lower Upper
 142 100
 141 90.5 73.4 110.0
 116 3.5 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

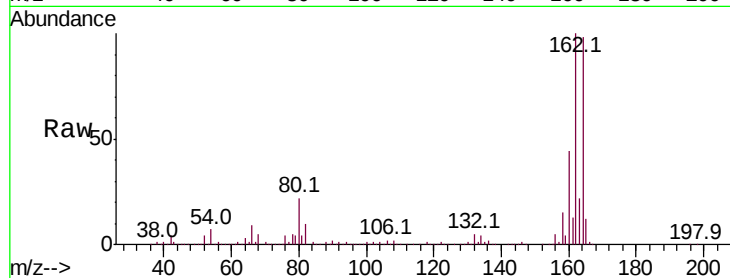
Tot Ion:164 Resp: 437657

Ion Ratio Lower Upper

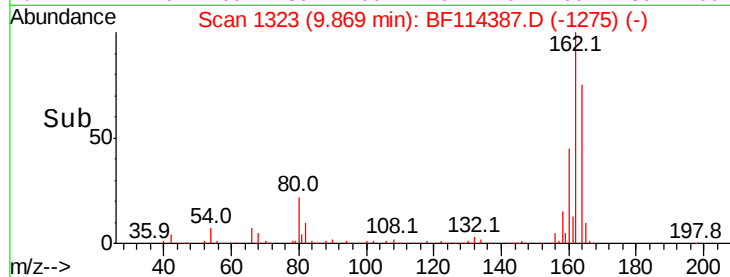
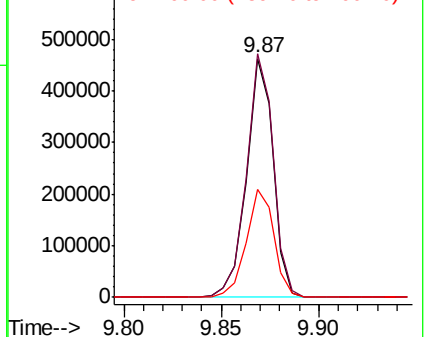
164 100

162 101.9 80.6 120.8

160 44.9 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: 39.565 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Tgt Ion:216 Resp: 524539

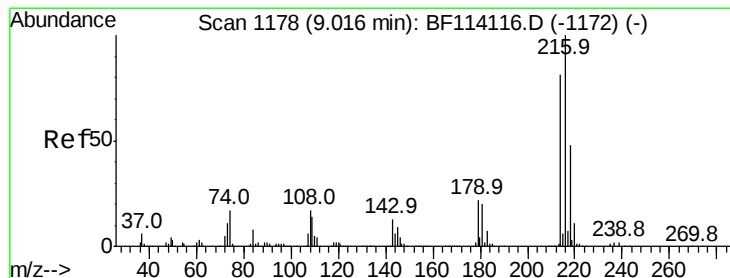
Ion Ratio Lower Upper

216 100

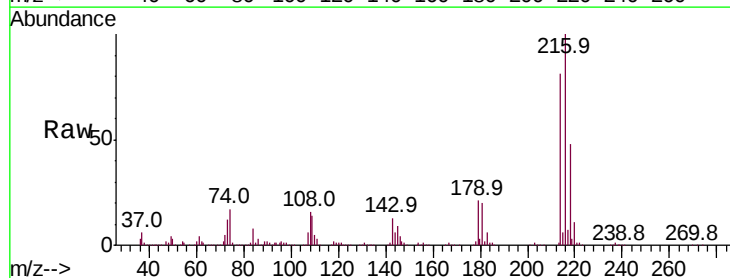
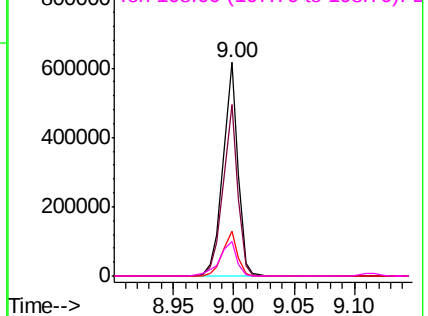
214 78.9 63.9 95.9

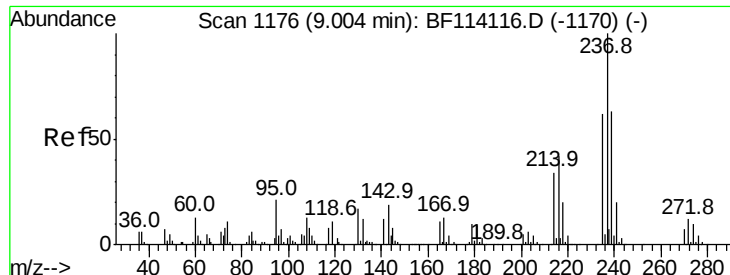
179 20.6 17.0 25.6

108 18.8 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

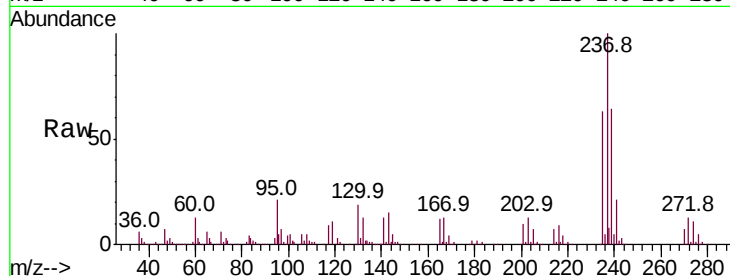




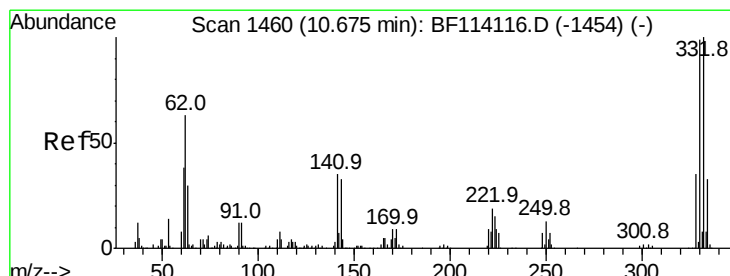
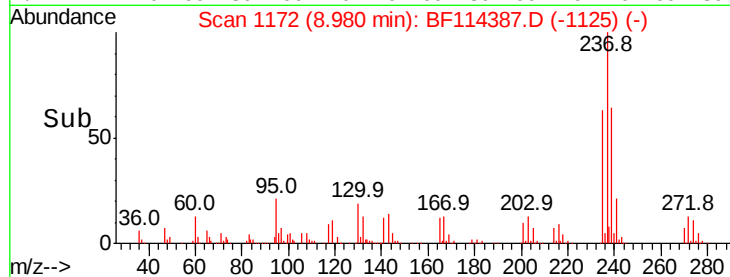
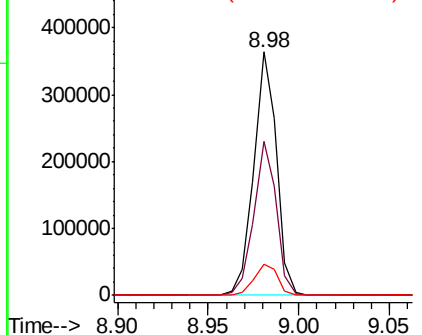
#41
Hexachlorocyclopentadiene
Concen: 52.870 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.0	82.0
272	13.0	0.0	32.4

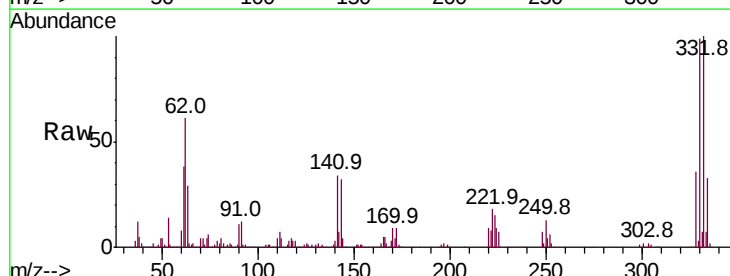


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

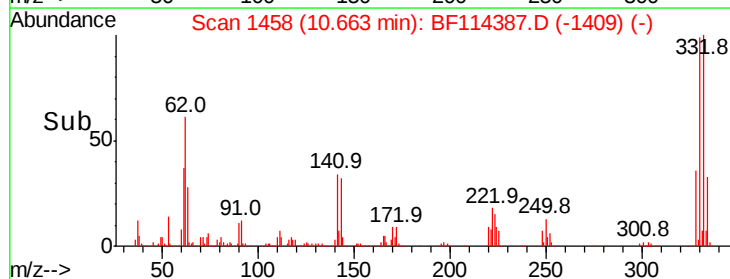
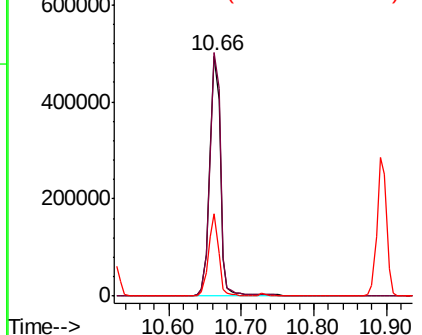


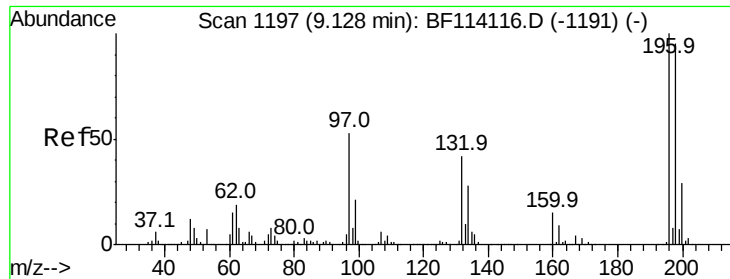
#42
2,4,6-Tribromophenol
Concen: 114.446 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.7	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

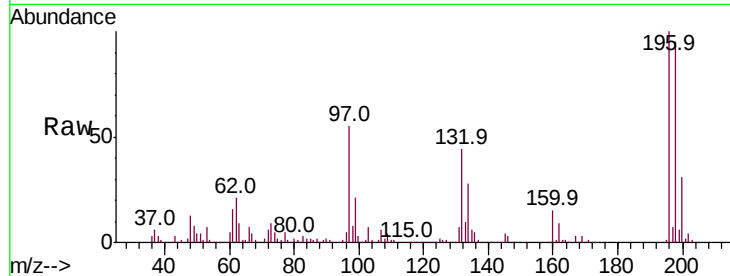




#43
 2,4,6-Trichlorophenol
 Concen: 39.062 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.9	113.9
200	30.8	23.5	35.3

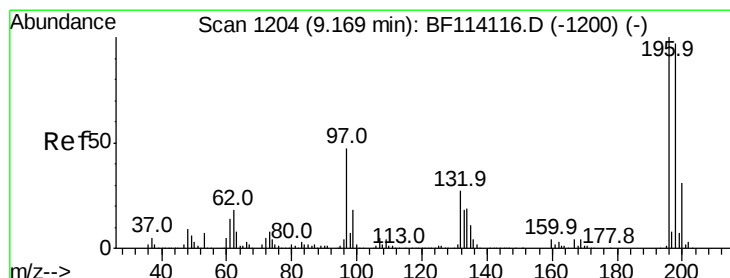
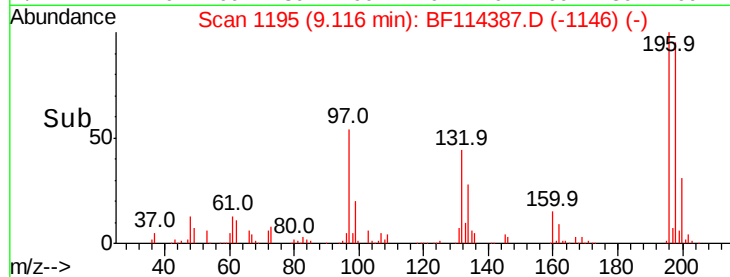
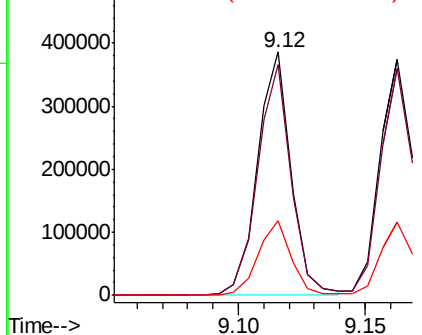


Abundance

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: 40.436 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	77.7	116.5
97	49.8	38.2	57.2
132	28.4	21.4	32.2

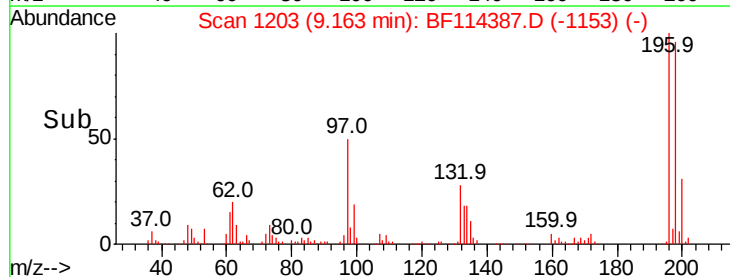
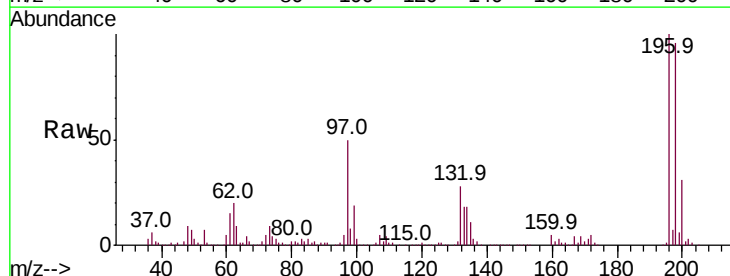
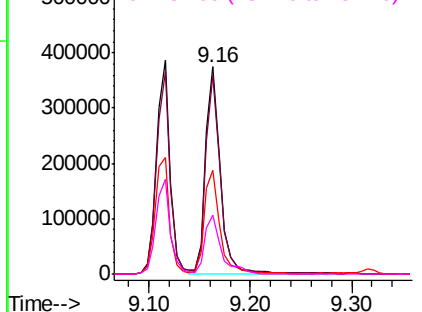
Abundance

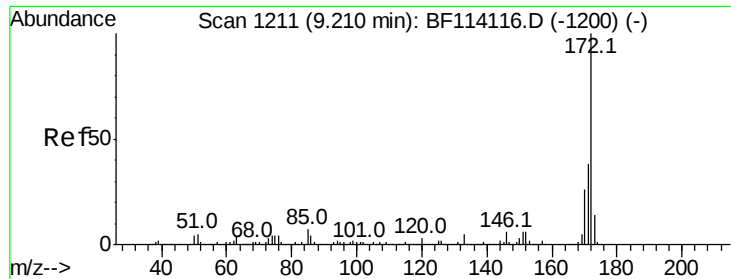
Ion 196.00 (195.70 to 196.70): E

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

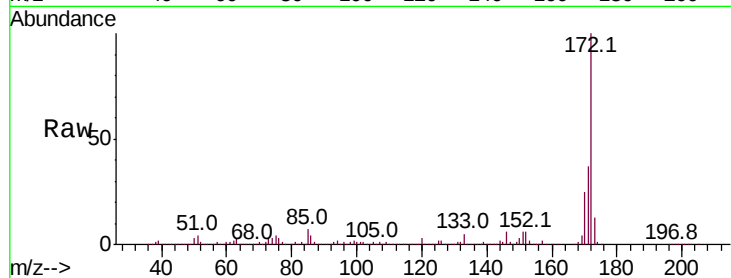




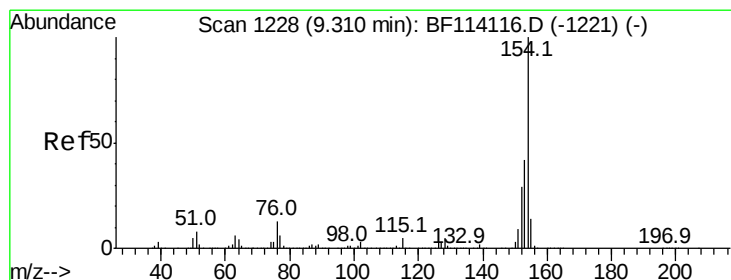
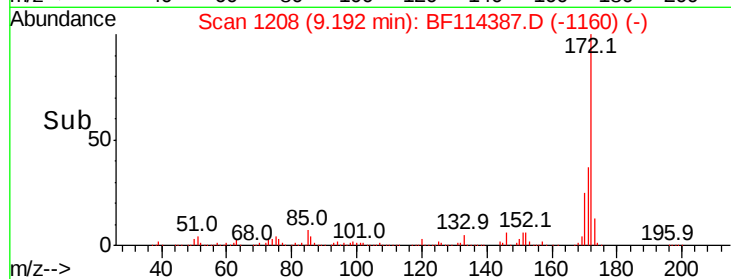
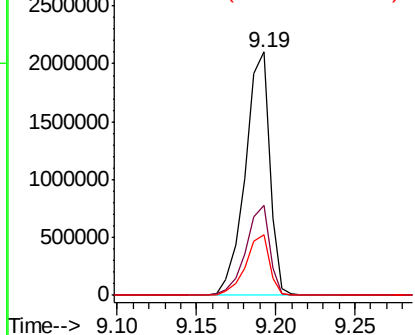
#45
2-Fluorobiphenyl
Concen: 77.586 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2244792
Ion Ratio Lower Upper
172 100
171 37.0 30.7 46.1
170 24.8 20.5 30.7

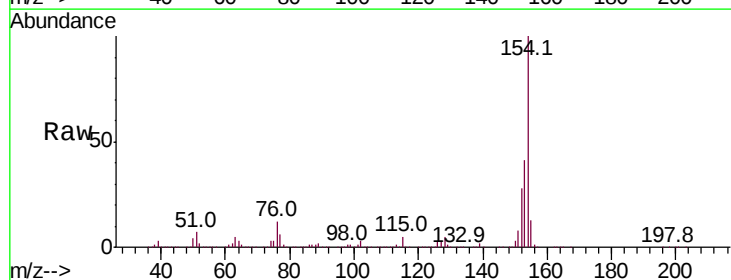


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

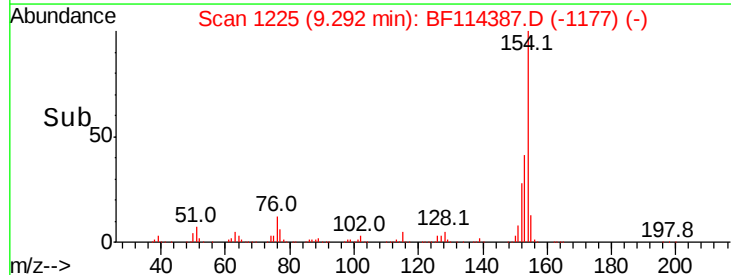
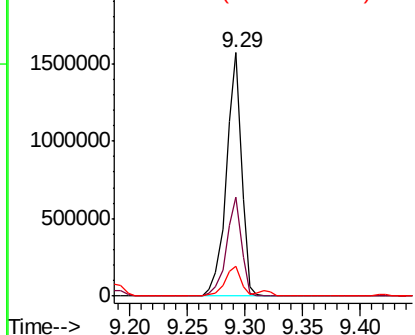


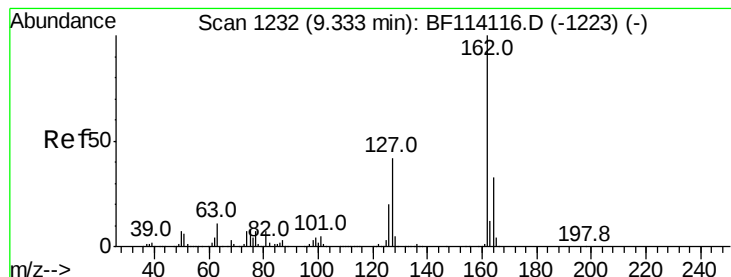
#46
1,1'-Biphenyl
Concen: 40.255 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion:154 Resp: 1423300
Ion Ratio Lower Upper
154 100
153 40.9 21.9 61.9
76 12.5 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



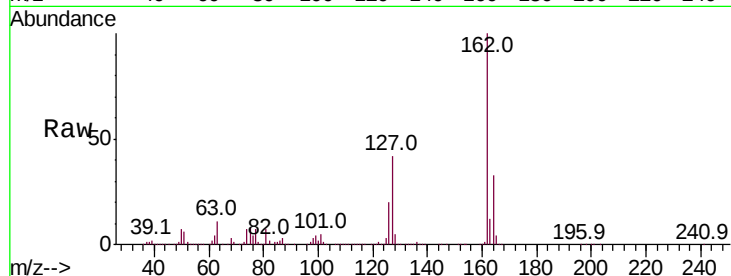


#47
 2-Chloronaphthalene
 Concen: 38.313 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

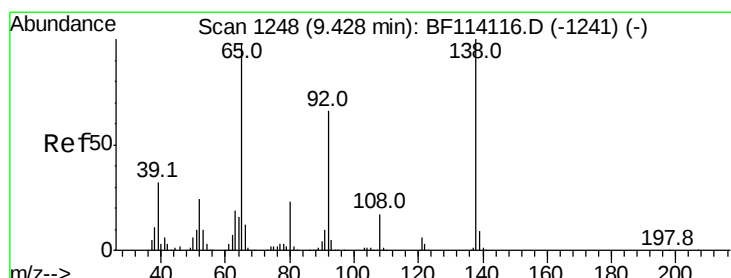
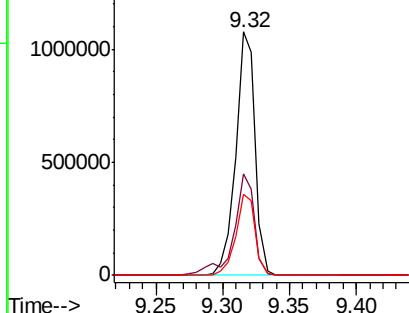
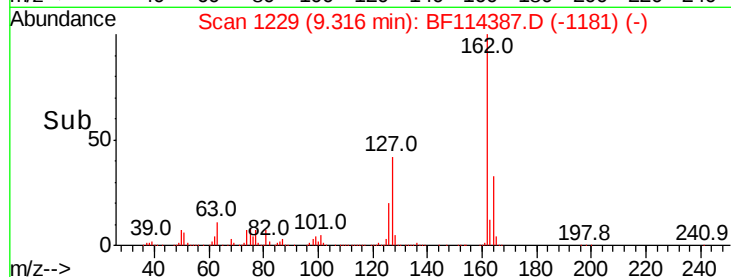
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1090180

Ion	Ratio	Lower	Upper
162	100		
127	41.6	34.0	51.0
164	33.2	26.7	40.1



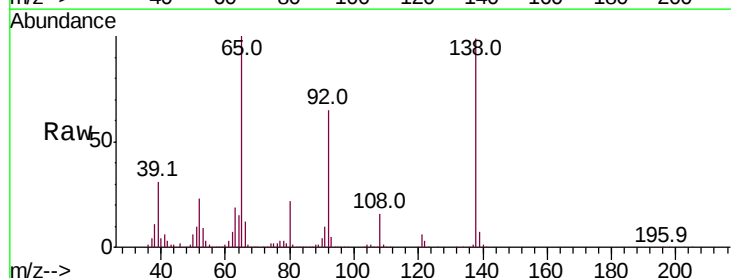
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



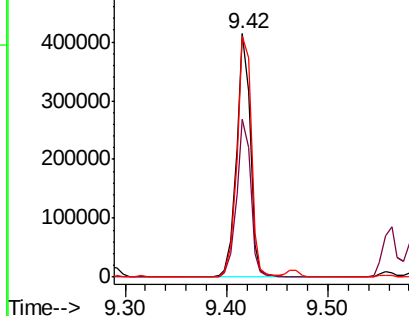
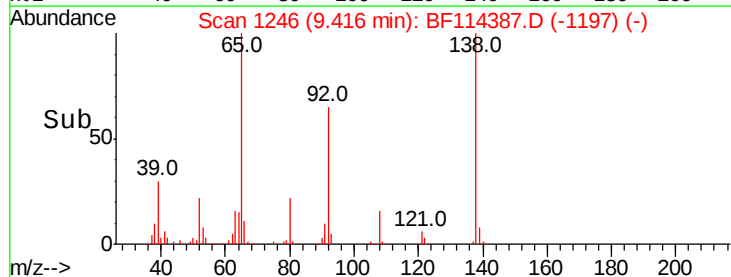
#48
 2-Nitroaniline
 Concen: 38.856 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

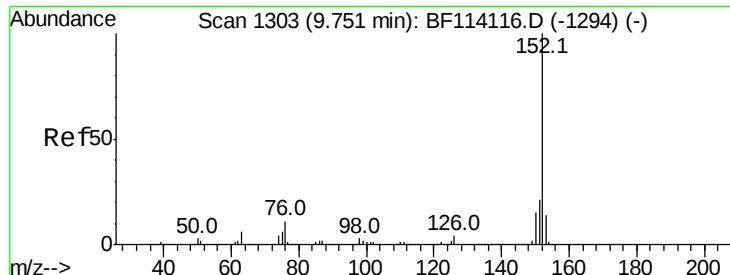
Tgt Ion: 65 Resp: 392110

Ion	Ratio	Lower	Upper
65	100		
92	65.1	53.9	80.9
138	99.2	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: 40.215 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

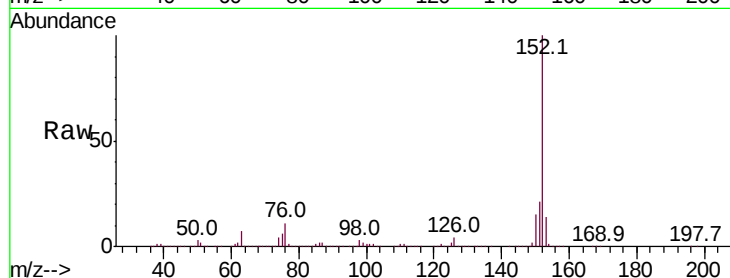
Tot Ion:152 Resp: 1740416

Ion Ratio Lower Upper

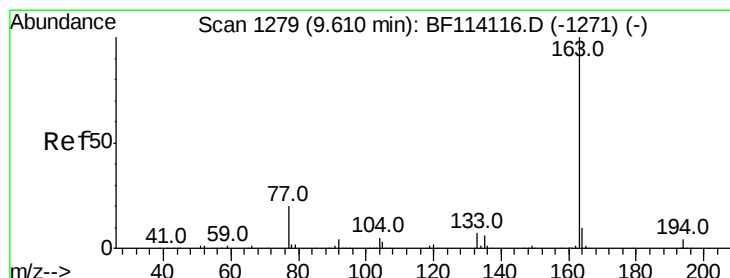
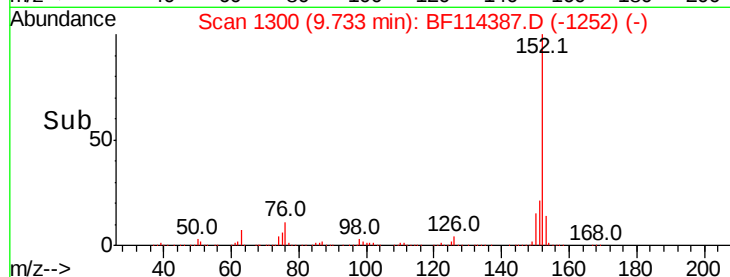
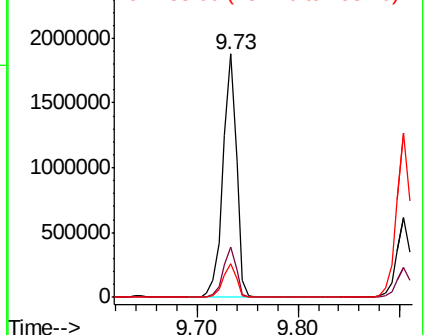
152 100

151 20.9 16.8 25.2

153 14.0 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
2500000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.018 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

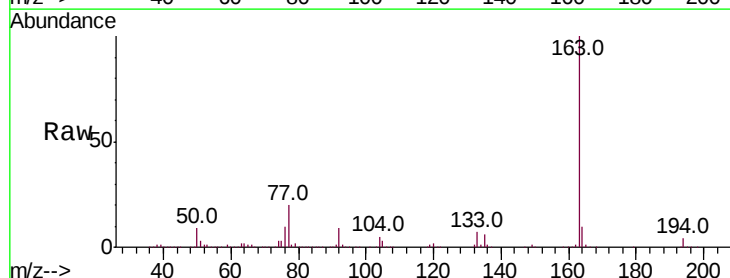
Tgt Ion:163 Resp: 1317845

Ion Ratio Lower Upper

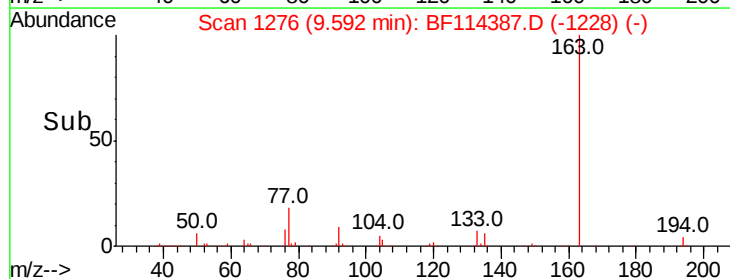
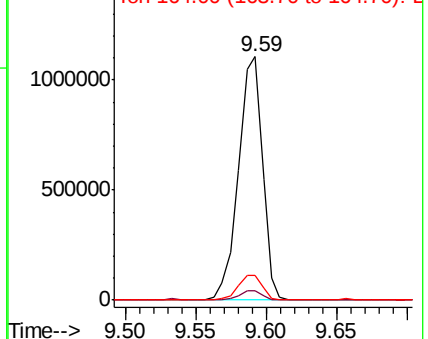
163 100

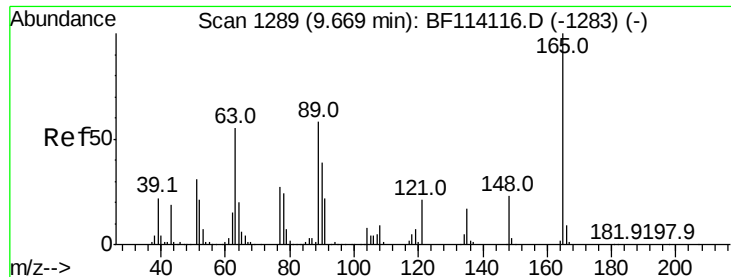
194 3.9 3.4 5.0

164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
1500000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.563 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

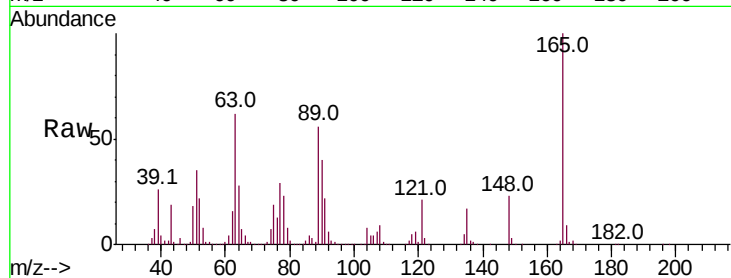
Tot Ion:165 Resp: 296176

Ion Ratio Lower Upper

165 100

63 61.8 50.2 75.4

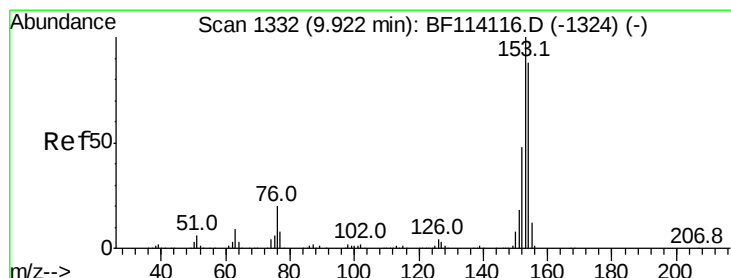
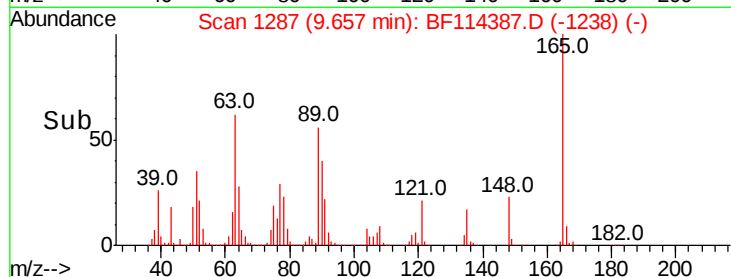
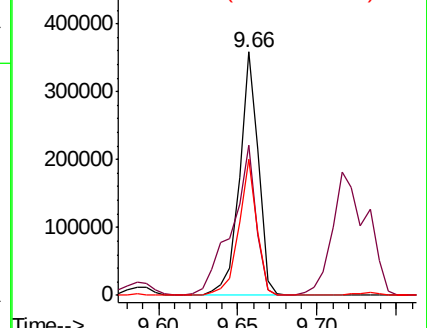
89 55.7 46.6 69.8



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: 38.244 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

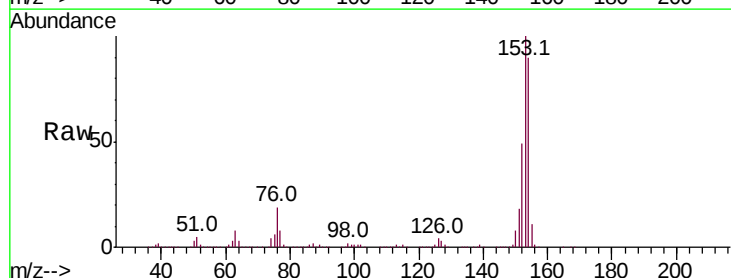
Tgt Ion:154 Resp: 1015664

Ion Ratio Lower Upper

154 100

153 111.1 90.5 135.7

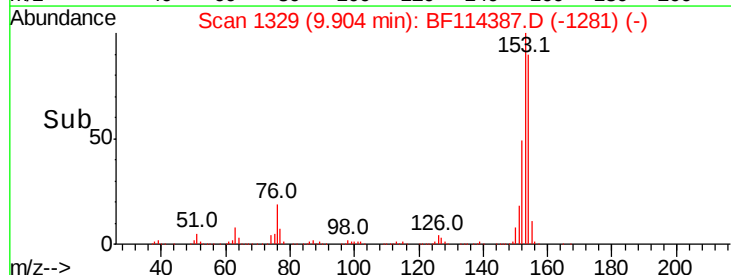
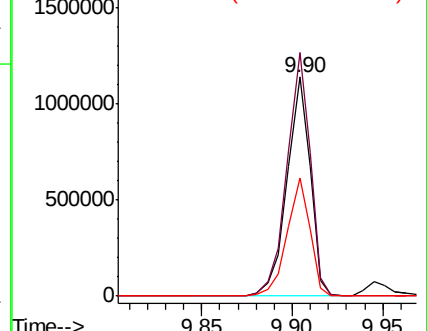
152 54.0 43.4 65.2

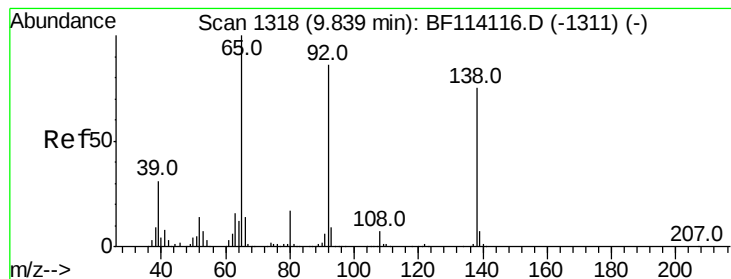


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 22.413 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

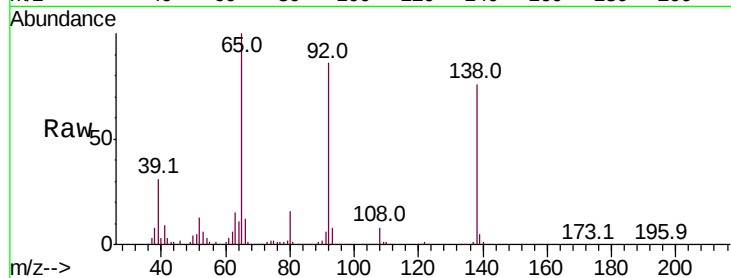
Tot Ion:138 Resp: 198265

Ion Ratio Lower Upper

138 100

108 10.4 7.8 11.6

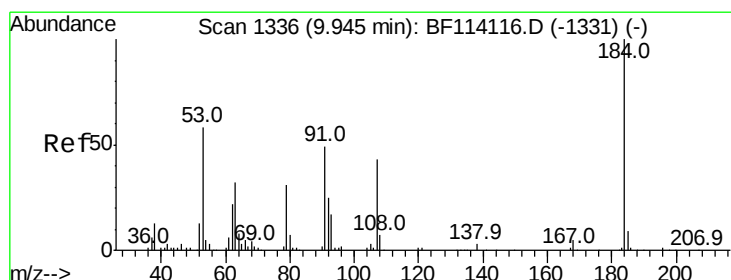
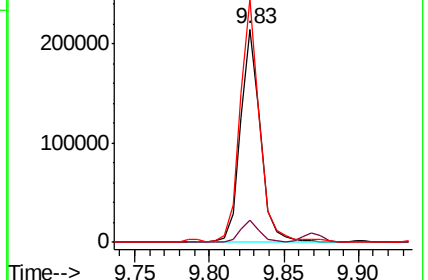
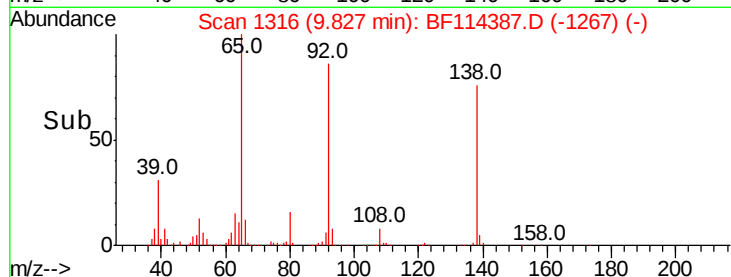
92 114.2 91.2 136.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 43.709 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

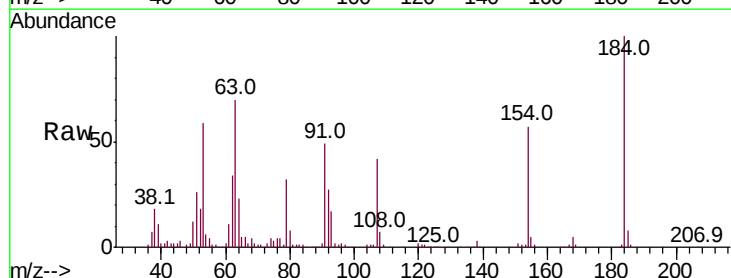
Tgt Ion:184 Resp: 144644

Ion Ratio Lower Upper

184 100

63 69.6 55.6 83.4

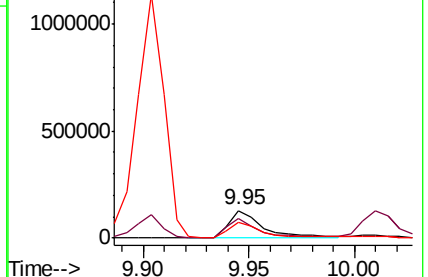
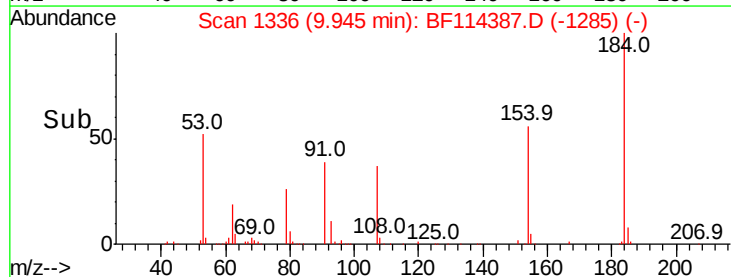
154 56.7 46.0 69.0

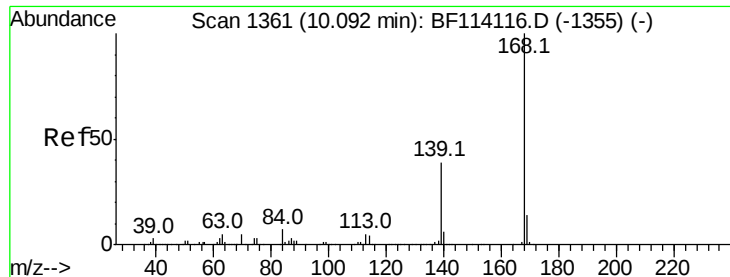


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.796 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

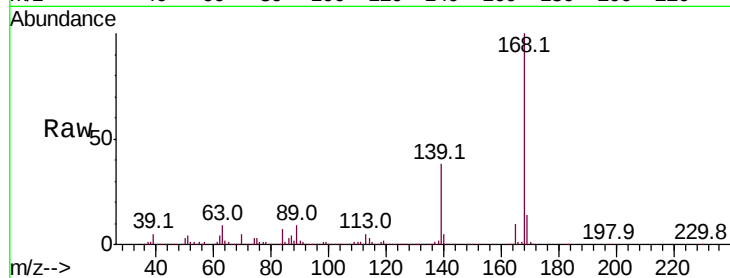
Tot Ion:168 Resp: 1510817

Ion Ratio Lower Upper

168 100

139 38.3 31.1 46.7

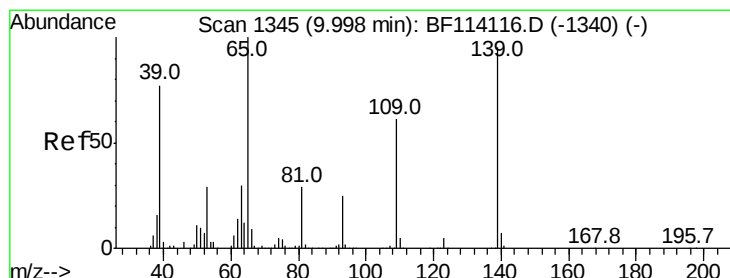
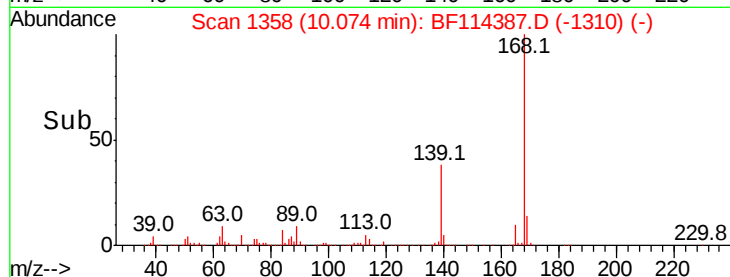
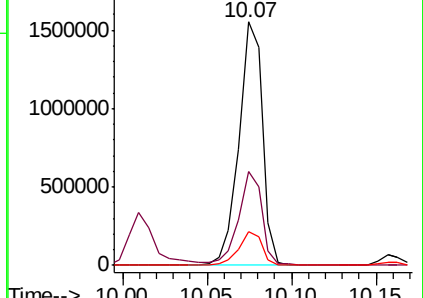
169 14.0 11.4 17.0



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: 57.834 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

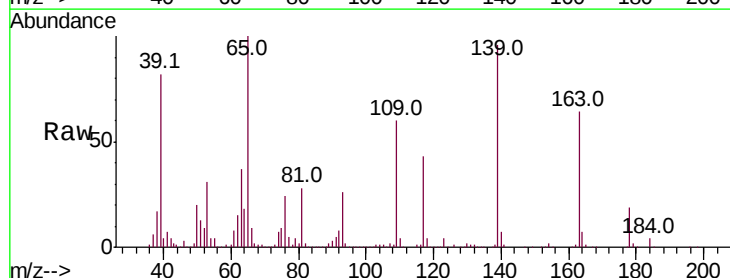
Tgt Ion:139 Resp: 361790

Ion Ratio Lower Upper

139 100

109 62.7 43.9 83.9

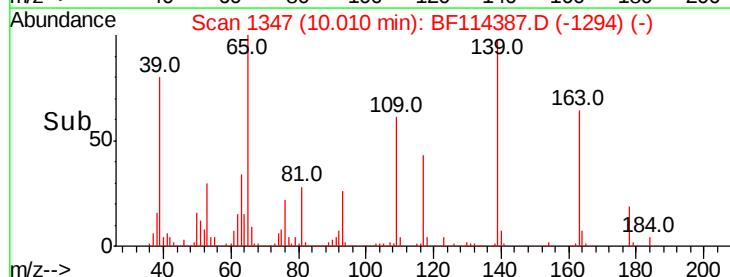
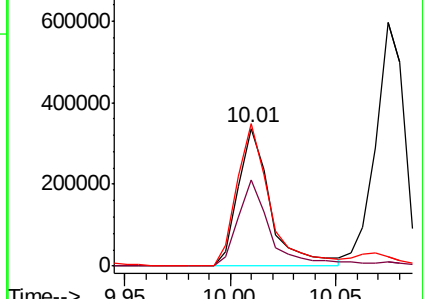
65 103.6 85.7 125.7

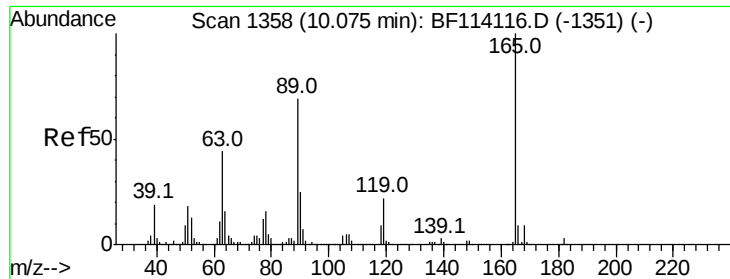


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 38.983 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 377043

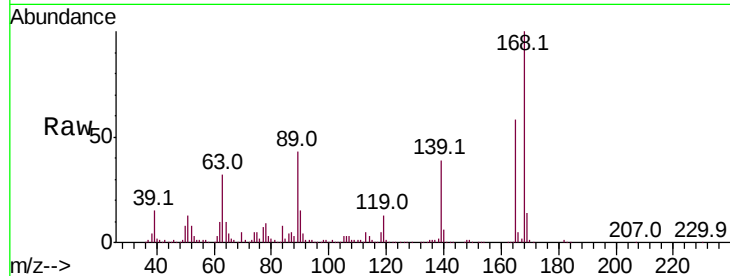
Ion Ratio Lower Upper

165 100

63 55.0 35.5 53.3#

89 74.2 55.2 82.8

182 2.5 2.2 3.2

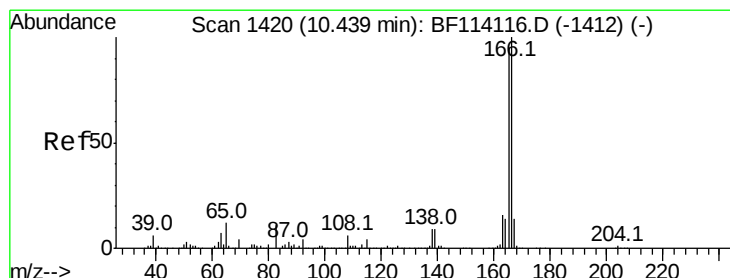
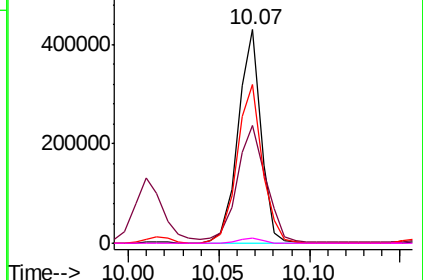
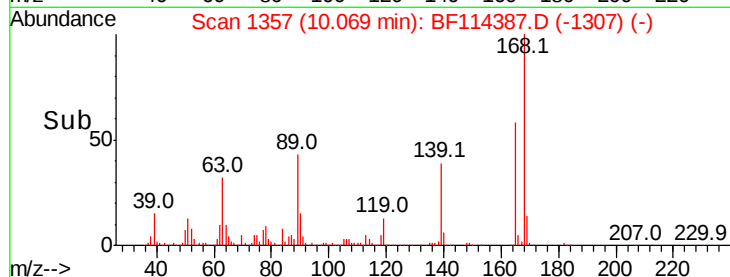


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 40.551 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

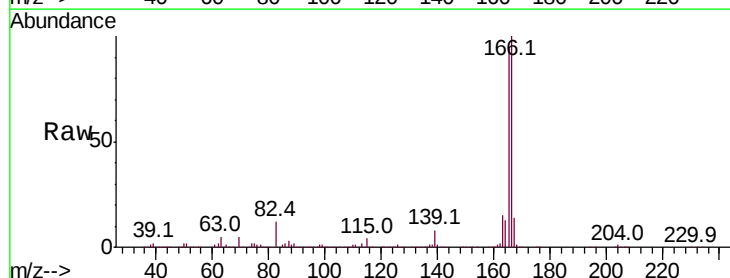
Tgt Ion:166 Resp: 1219754

Ion Ratio Lower Upper

166 100

165 94.3 76.1 114.1

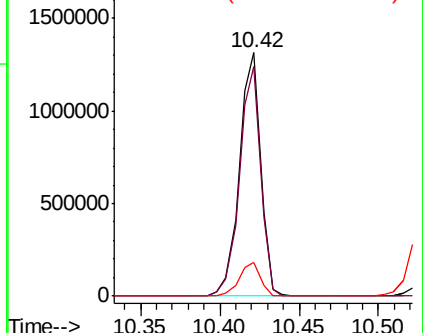
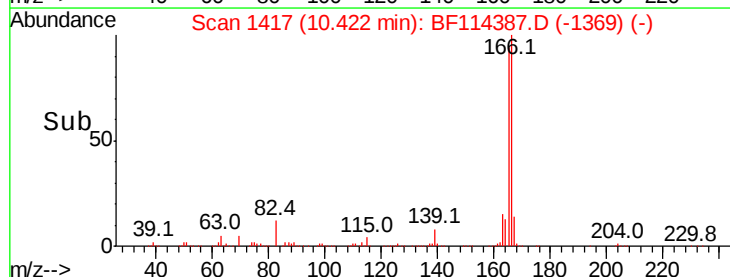
167 13.7 11.1 16.7

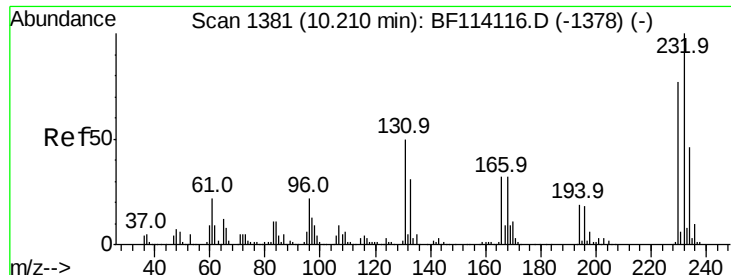


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

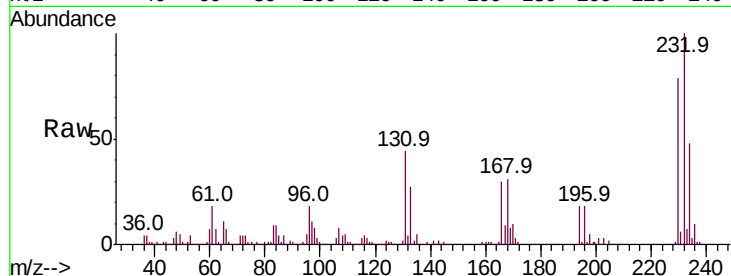




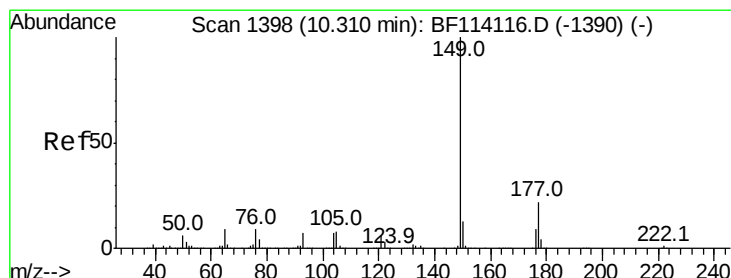
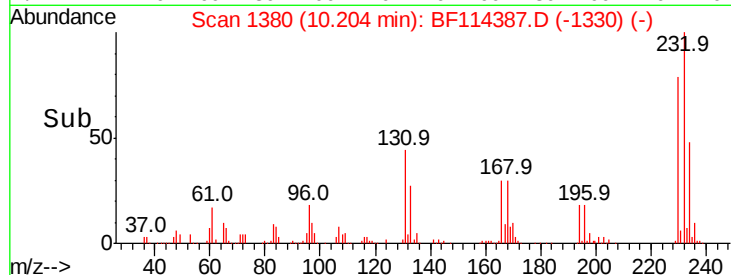
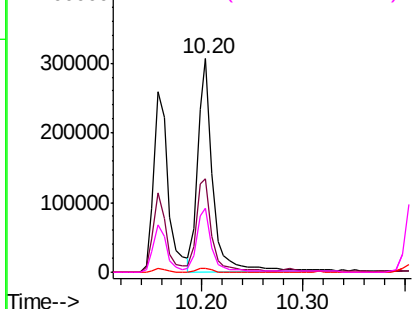
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.485 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 310546
Ion Ratio Lower Upper
232 100
131 44.7 35.6 53.4
130 2.3 1.6 2.4
166 29.5 24.1 36.1

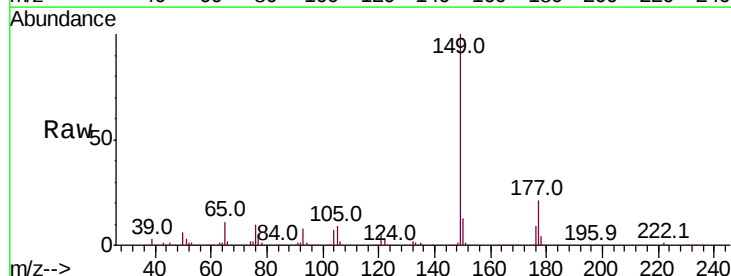


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

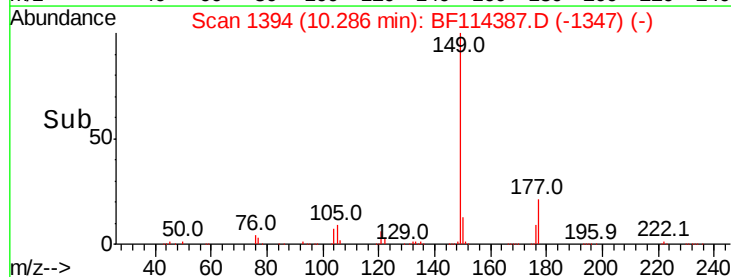
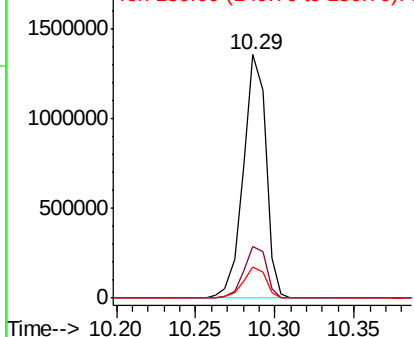


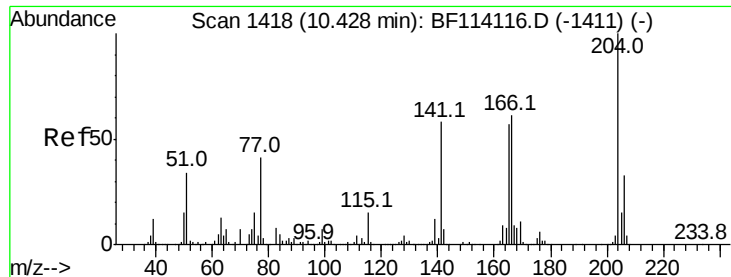
#60
Diethylphthalate
Concen: 41.099 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion:149 Resp: 1341642
Ion Ratio Lower Upper
149 100
177 21.3 17.8 26.6
150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

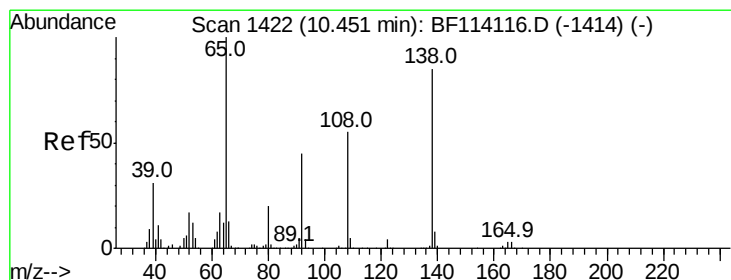
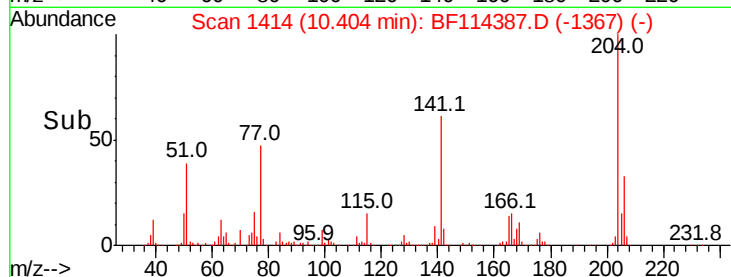
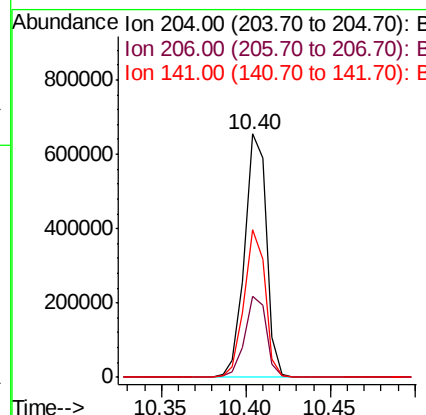
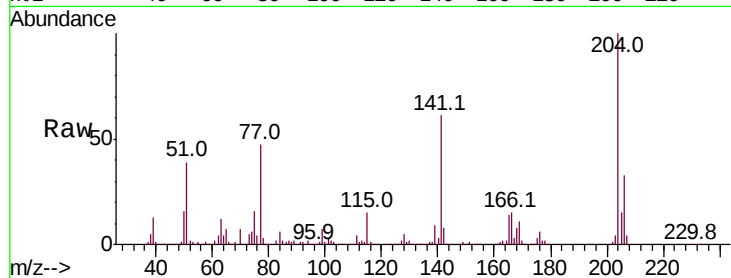




#61
4-Chlorophenyl-phenylether
Concen: 39.982 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

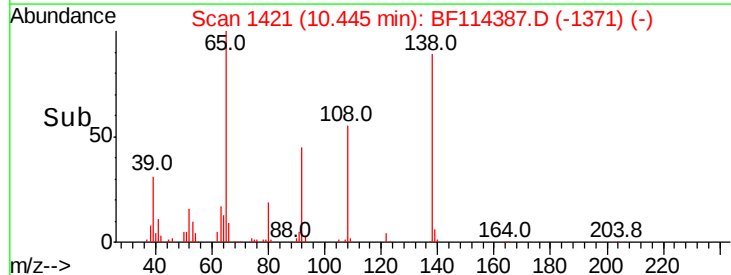
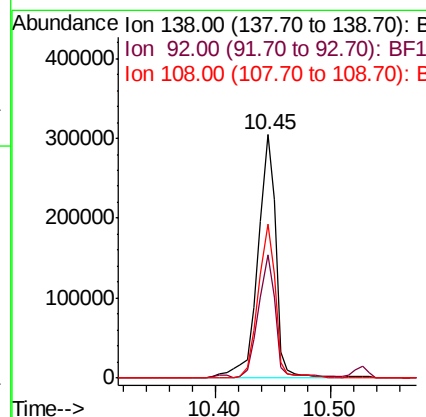
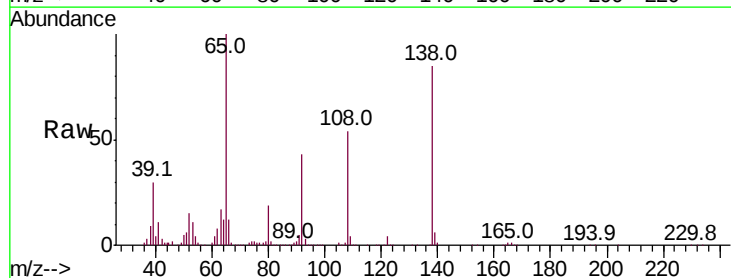
Instrument :
BNA_F
ClientSampled :

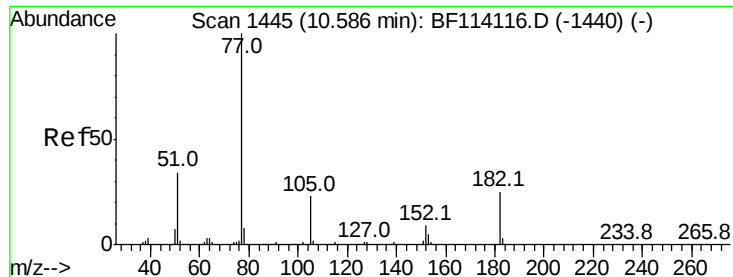
Tot Ion:204 Resp: 590669
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 60.6 46.4 69.6



#62
4-Nitroaniline
Concen: 35.808 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion:138 Resp: 332842
Ion Ratio Lower Upper
138 100
92 50.6 33.0 73.0
108 63.5 44.9 84.9

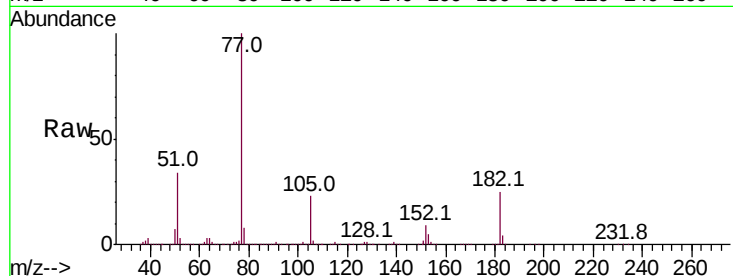




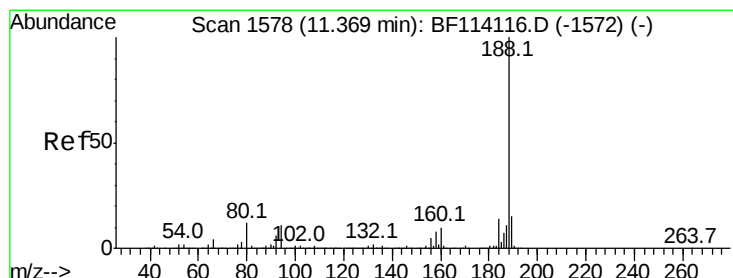
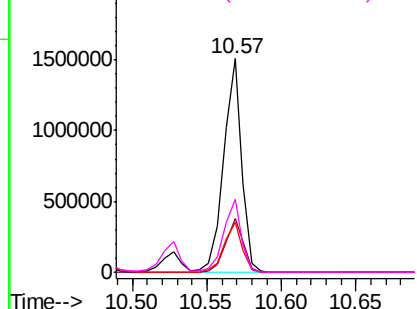
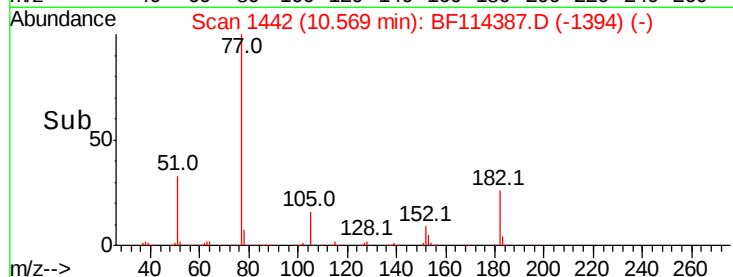
#63
Azobenzene
Concen: 40.477 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1279002
Ion Ratio Lower Upper
77 100
182 25.3 4.7 44.7
105 23.3 2.9 42.9
51 34.0 14.6 54.6

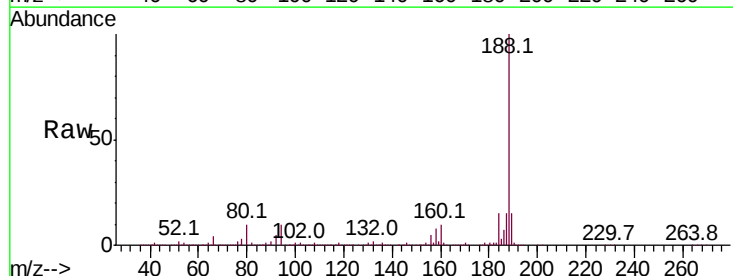


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

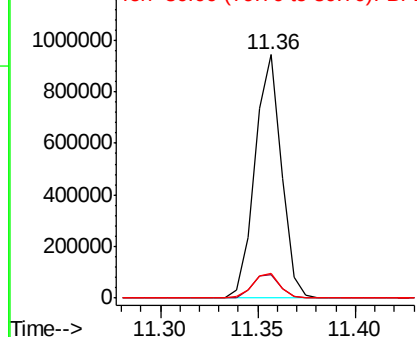
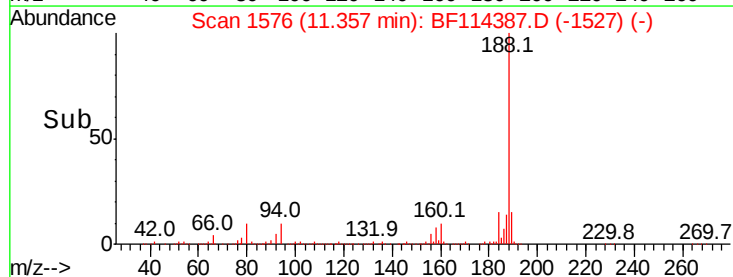


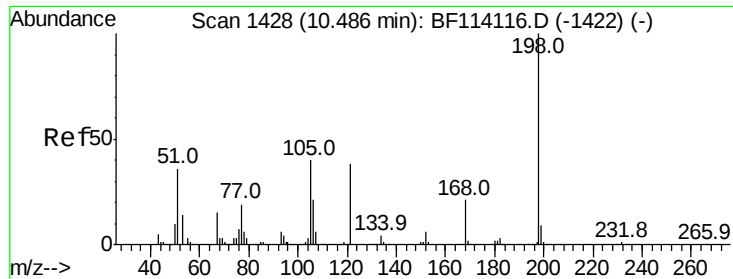
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion: 188 Resp: 885875
Ion Ratio Lower Upper
188 100
94 9.7 8.4 12.6
80 10.1 9.2 13.8



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

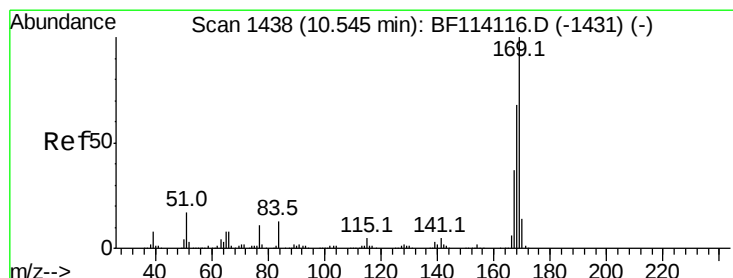
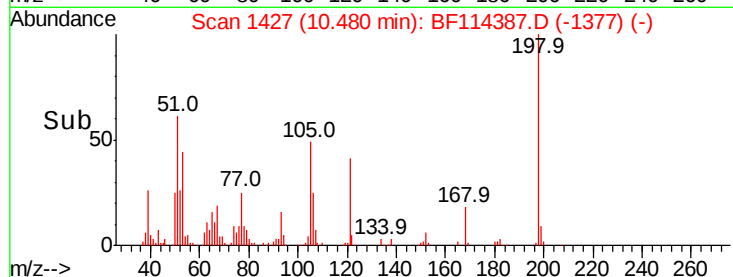
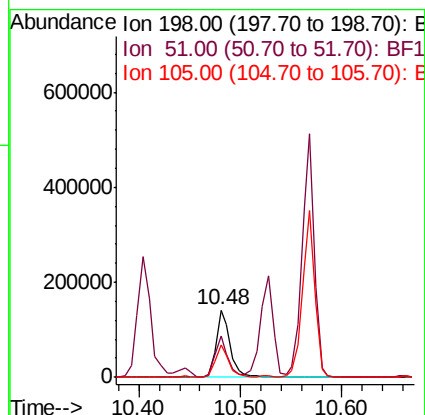
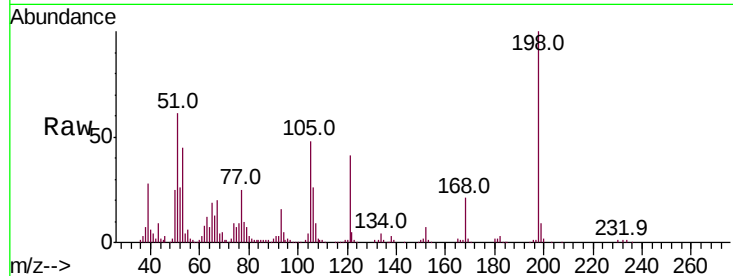




#65
 4,6-Dinitro-2-methylphenol
 Concen: 32.256 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

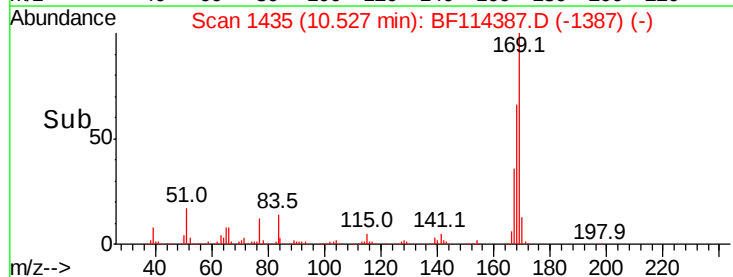
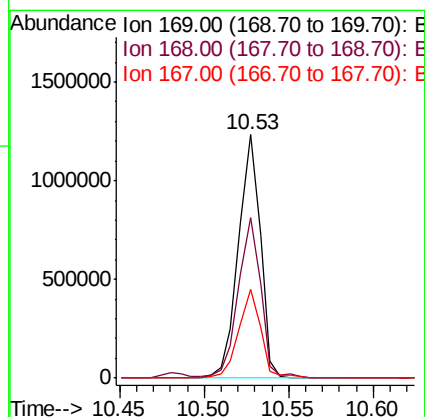
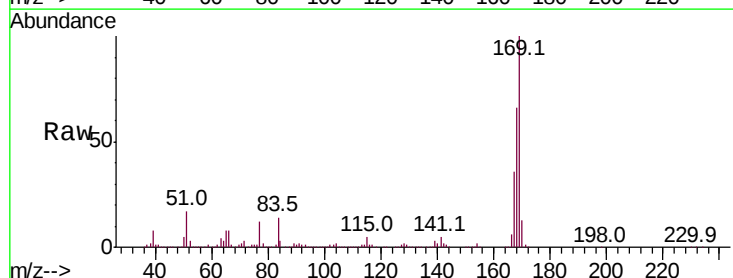
Instrument :
 BNA_F
 ClientSampleId :

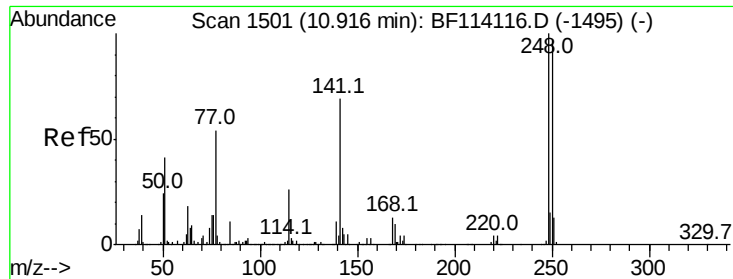
Tot Ion:198 Resp: 137305
 Ion Ratio Lower Upper
 198 100
 51 61.4 28.0 68.0
 105 48.2 21.1 61.1



#66
 n-Nitrosodiphenylamine
 Concen: 41.530 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF114387.D
 Acq: 18 May 2019 13:32

Tgt Ion:169 Resp: 1116585
 Ion Ratio Lower Upper
 169 100
 168 65.9 54.2 81.2
 167 36.3 29.8 44.8

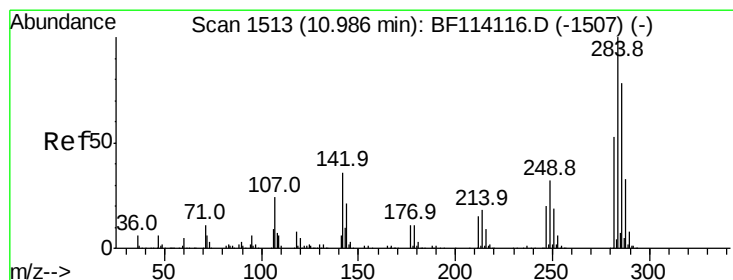
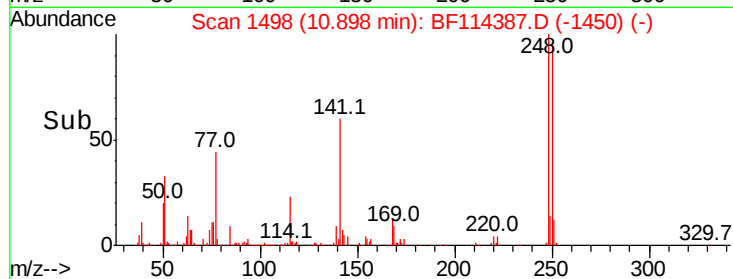
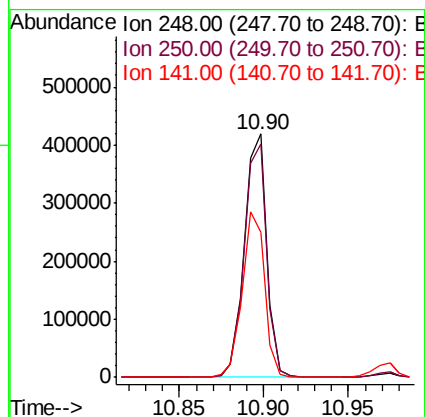
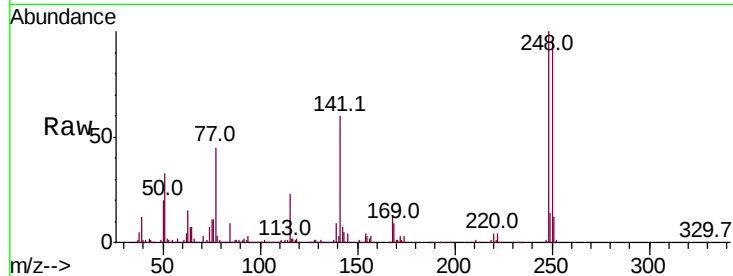




#67
4-Bromophenyl-phenylether
Concen: 39.796 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

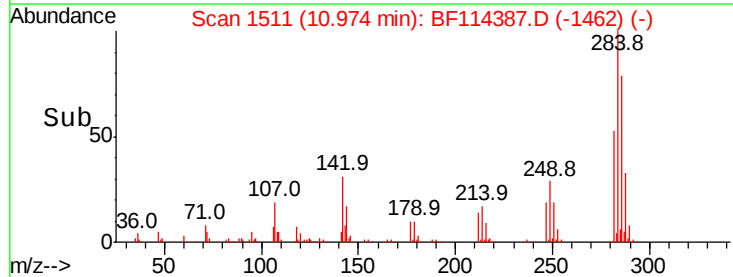
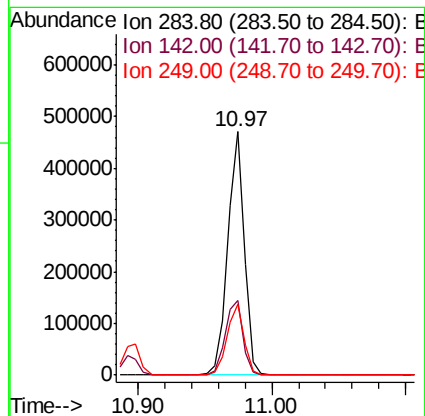
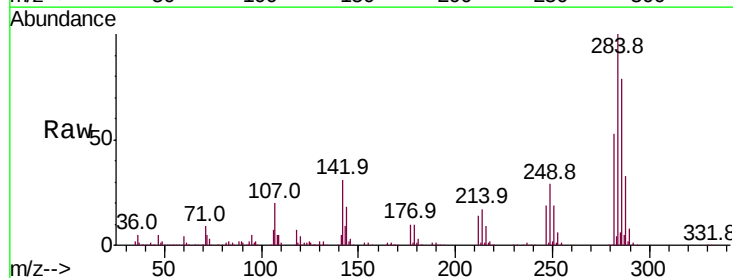
Instrument :
BNA_F
ClientSampled :

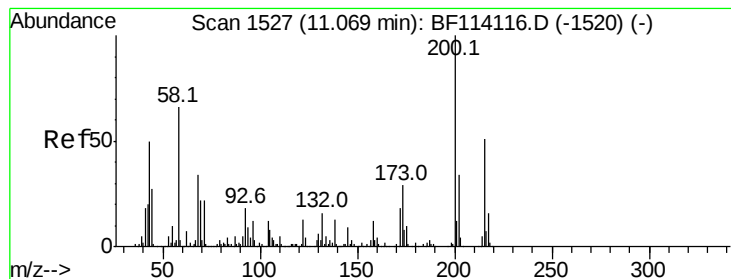
Tot Ion:248 Resp: 388167
Ion Ratio Lower Upper
248 100
250 95.7 77.4 116.2
141 59.8 55.6 83.4



#68
Hexachlorobenzene
Concen: 38.366 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion:284 Resp: 413986
Ion Ratio Lower Upper
284 100
142 30.8 28.4 42.6
249 29.2 25.2 37.8





#69

Atrazine

Concen: 42.431 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

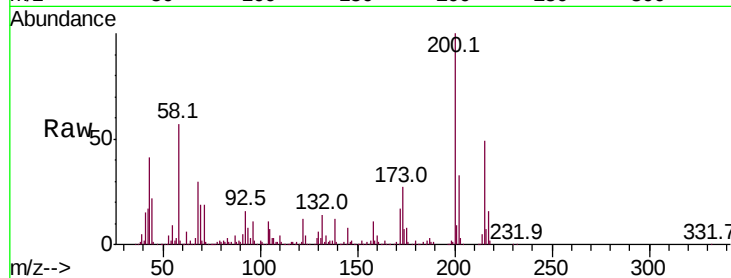
Tot Ion:200 Resp: 355016

Ion Ratio Lower Upper

200 100

173 27.3 8.9 48.9

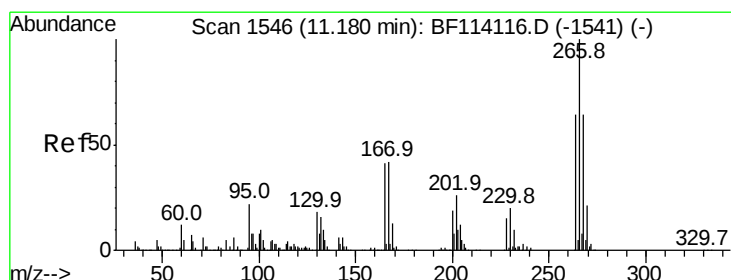
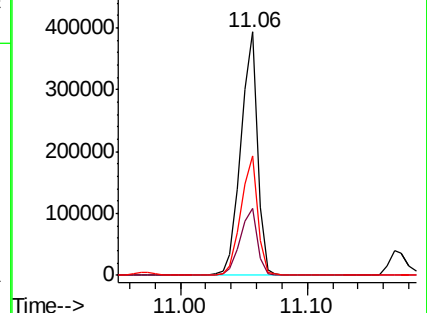
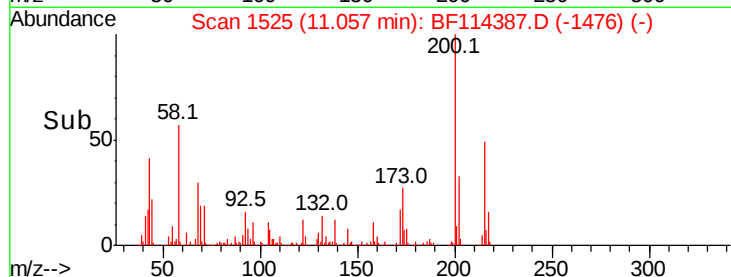
215 49.2 30.7 70.7



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: 53.795 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

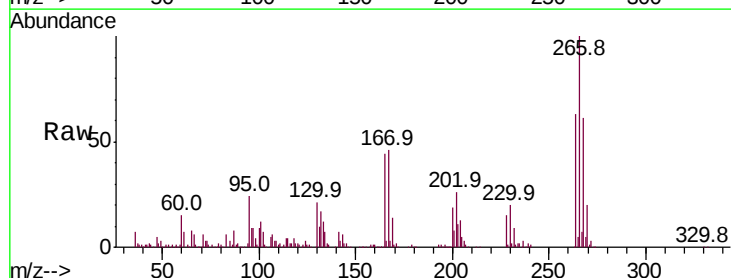
Tgt Ion:266 Resp: 275168

Ion Ratio Lower Upper

266 100

268 60.6 51.1 76.7

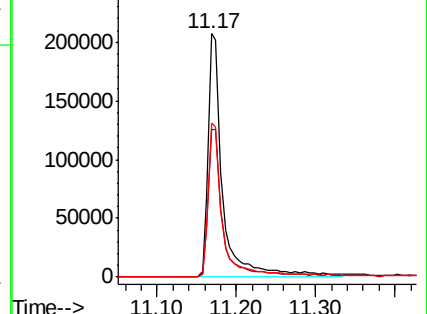
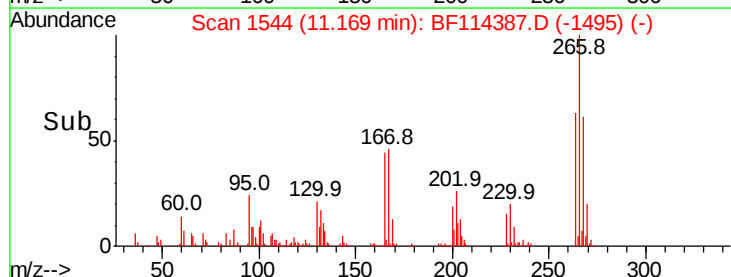
264 63.4 51.1 76.7

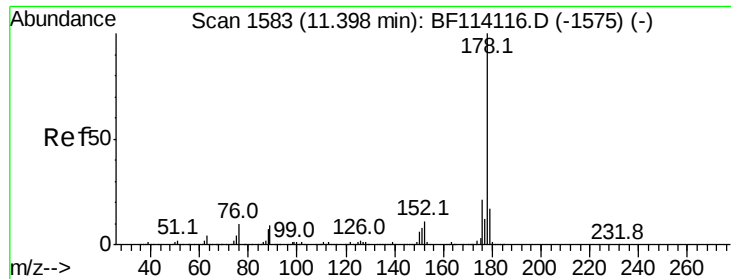


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

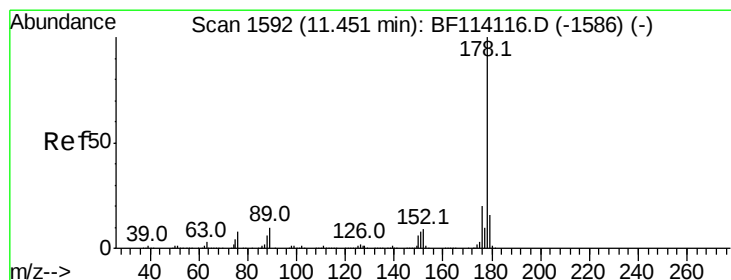
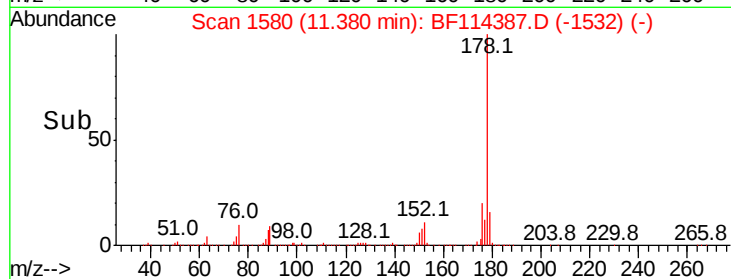
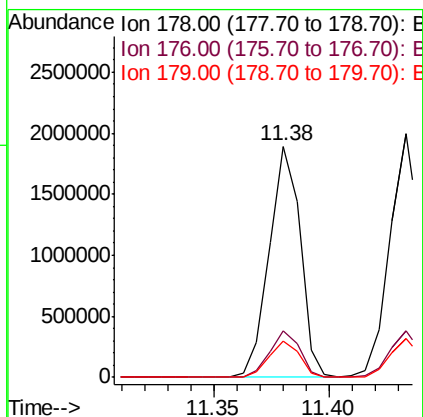
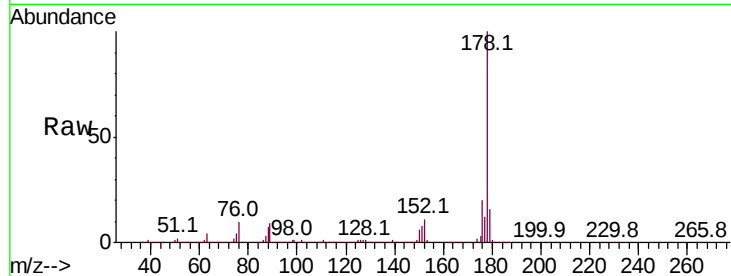




#71
Phenanthrene
Concen: 41.148 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

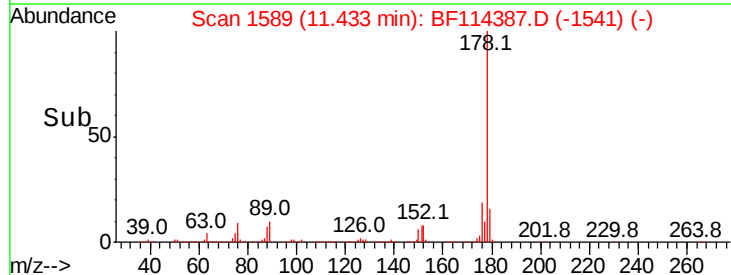
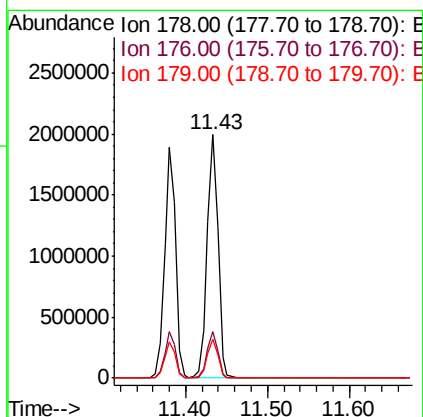
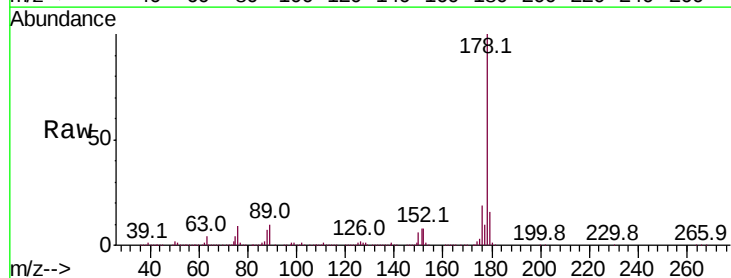
Instrument :
BNA_F
ClientSampled :

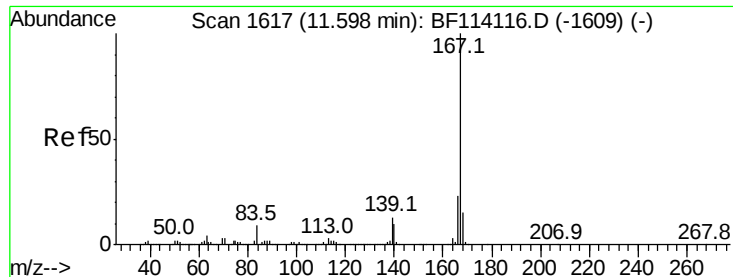
Tot Ion:178 Resp: 1773449
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 15.7 13.2 19.8



#72
Anthracene
Concen: 42.509 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion:178 Resp: 1840164
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.8 13.0 19.4





#73

Carbazole

Concen: 41.197 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

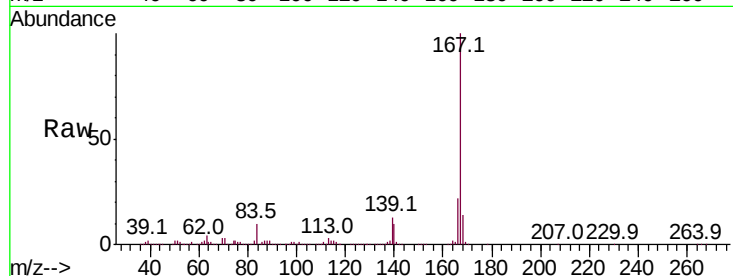
Tot Ion:167 Resp: 1700629

Ion Ratio Lower Upper

167 100

166 21.8 18.2 27.2

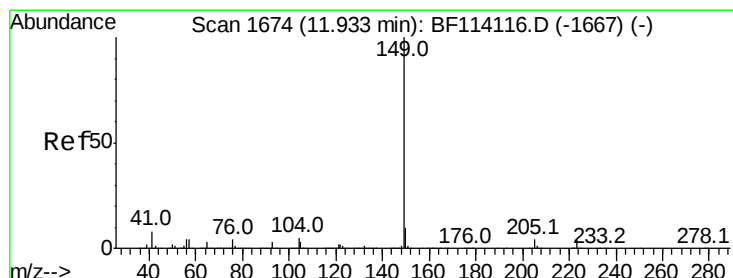
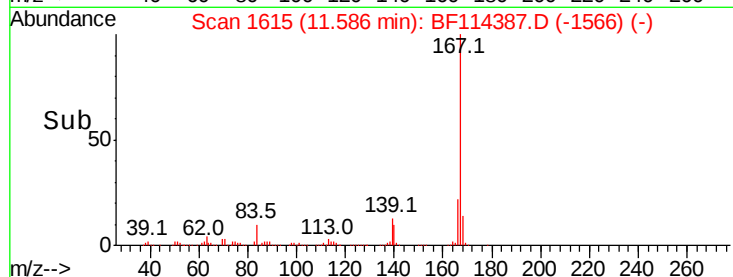
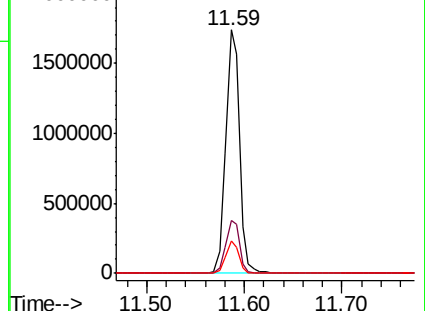
139 13.1 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.774 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

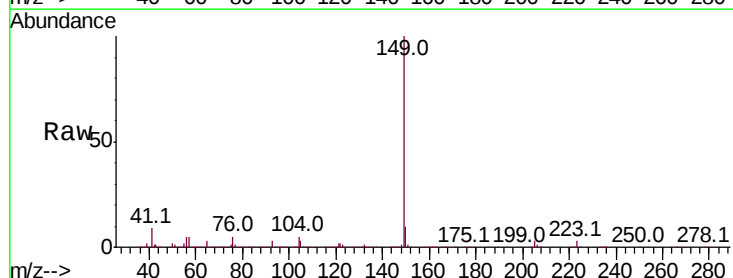
Tgt Ion:149 Resp: 2176936

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

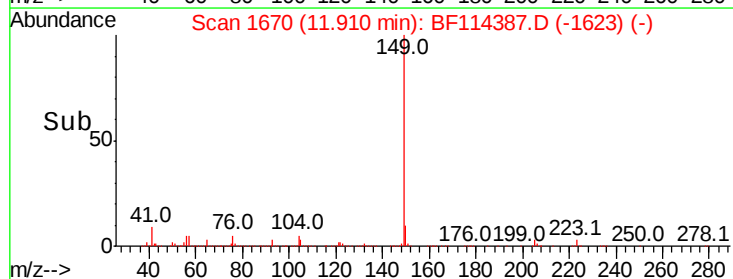
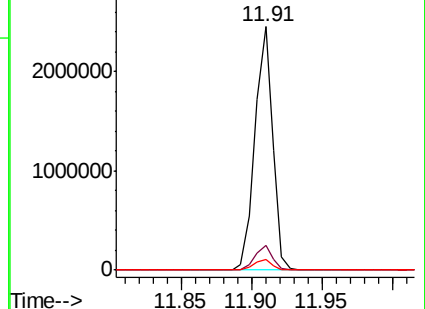
104 4.6 3.6 5.4

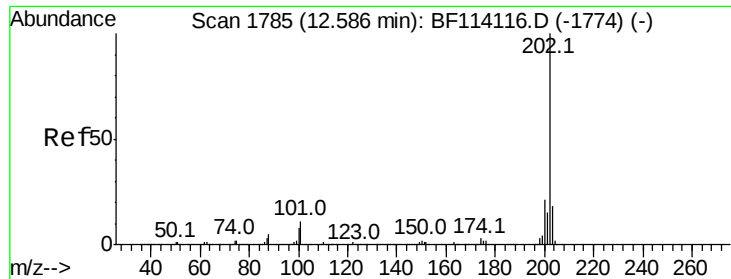


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.455 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampled :

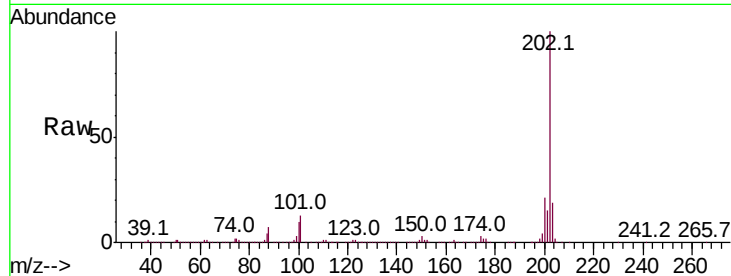
Tot Ion:202 Resp: 1924034

Ion Ratio Lower Upper

202 100

101 13.3 0.0 31.0

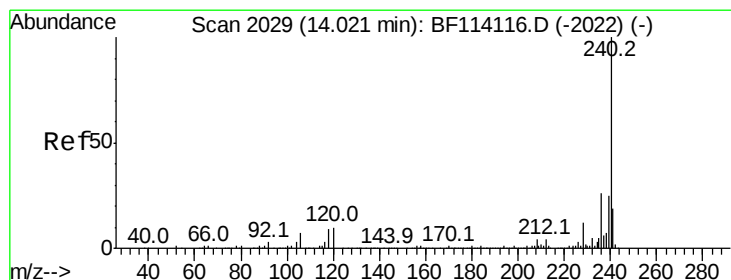
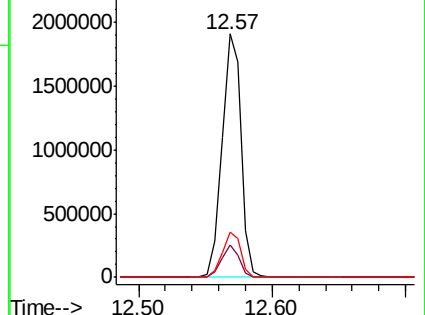
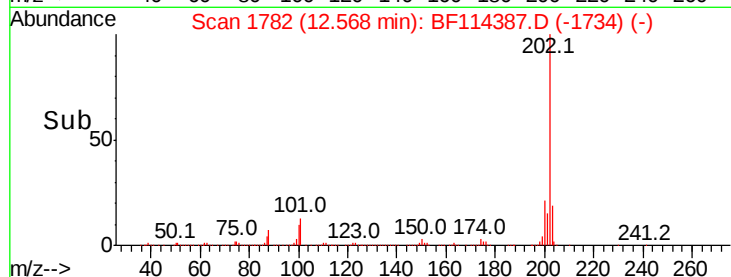
203 18.6 0.0 38.4



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: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

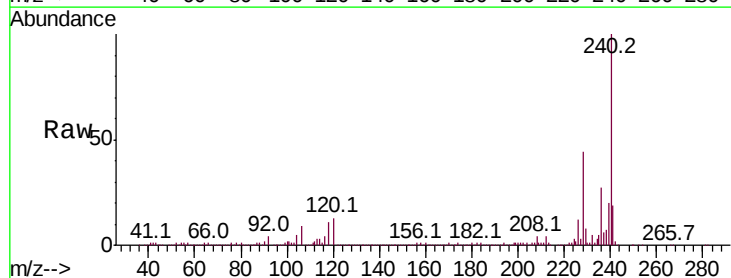
Tgt Ion:240 Resp: 599068

Ion Ratio Lower Upper

240 100

120 12.5 8.3 12.5#

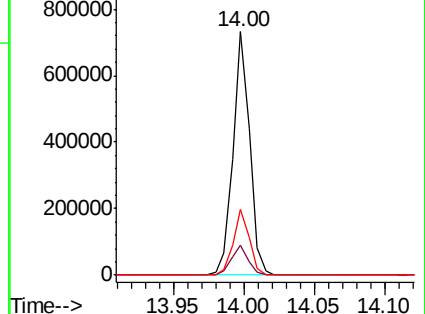
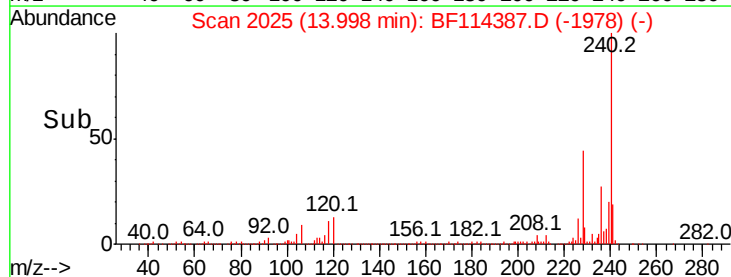
236 26.8 20.8 31.2

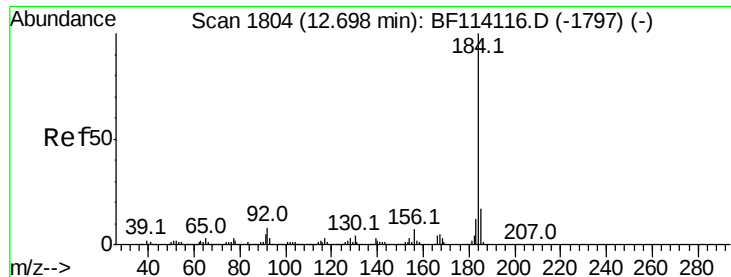


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.257 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

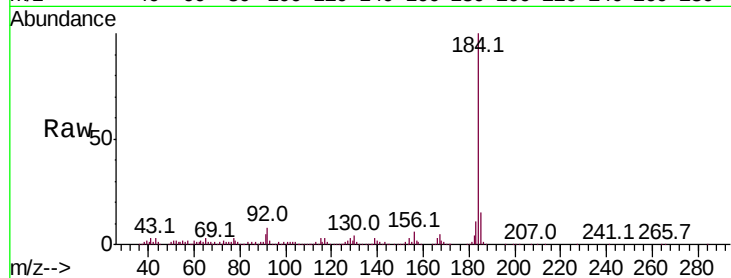
Tot Ion:184 Resp: 383384

Ion Ratio Lower Upper

184 100

185 14.8 13.6 20.4

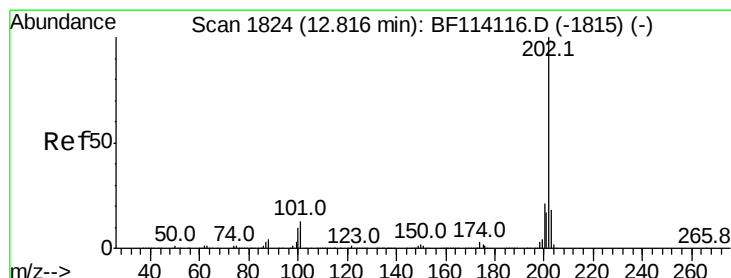
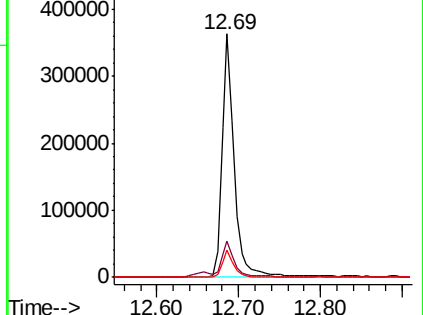
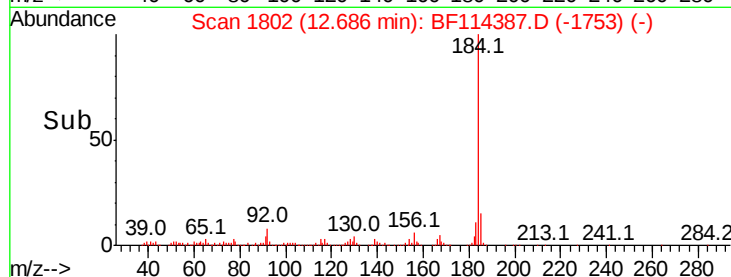
183 11.3 9.2 13.8



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: 40.229 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

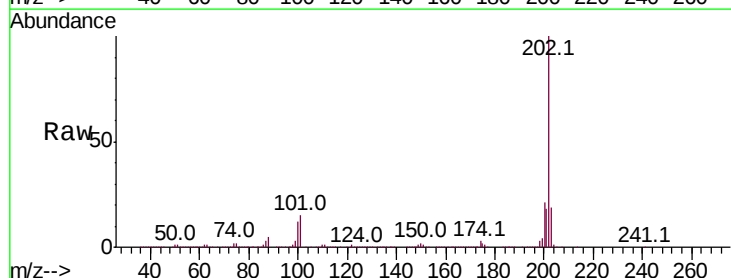
Tgt Ion:202 Resp: 1938730

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

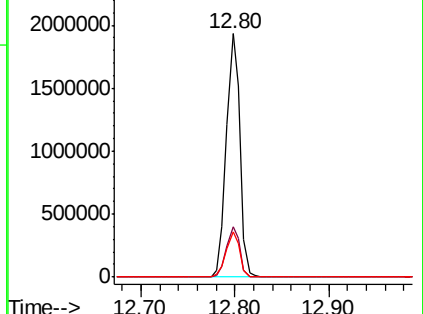
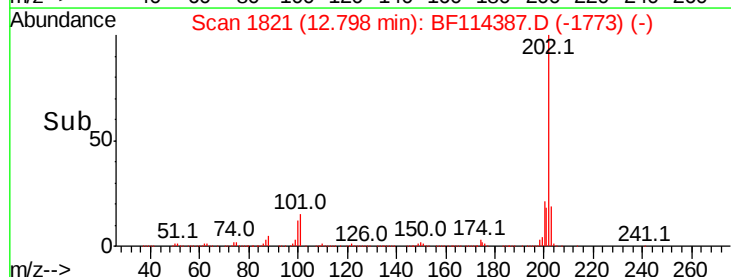
203 18.6 14.5 21.7

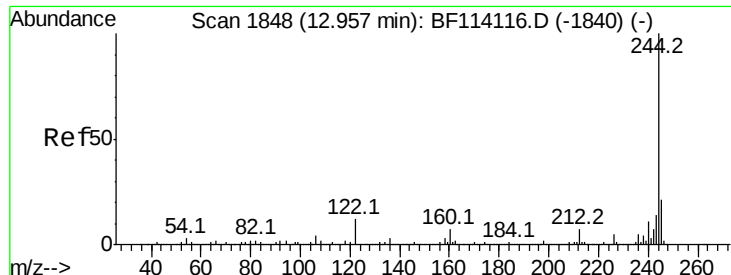


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.372 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

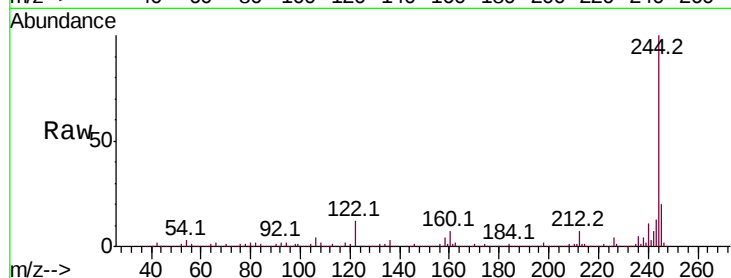
Tot Ion:244 Resp: 2364723

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

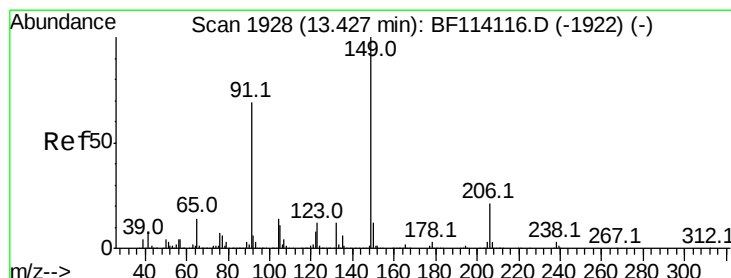
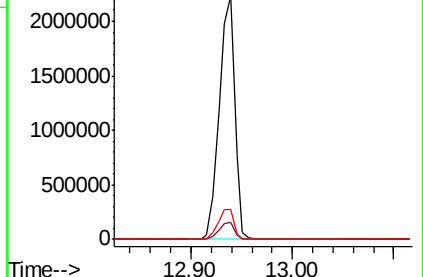
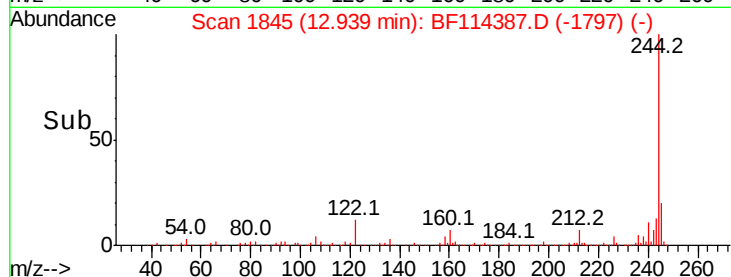
122 12.4 9.4 14.2



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: 46.628 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

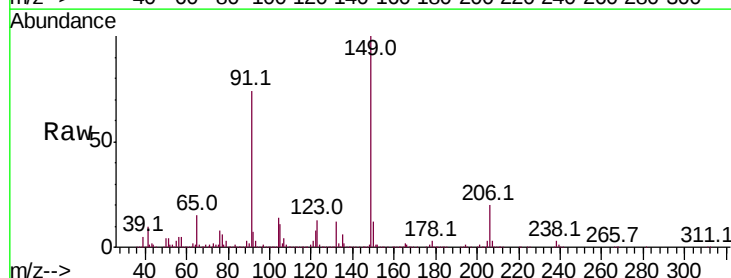
Tgt Ion:149 Resp: 945828

Ion Ratio Lower Upper

149 100

91 73.6 55.0 82.4

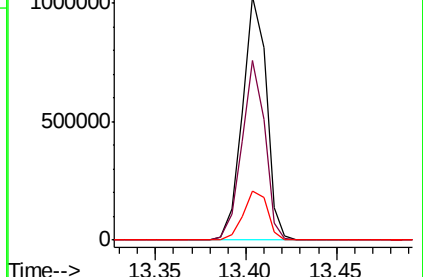
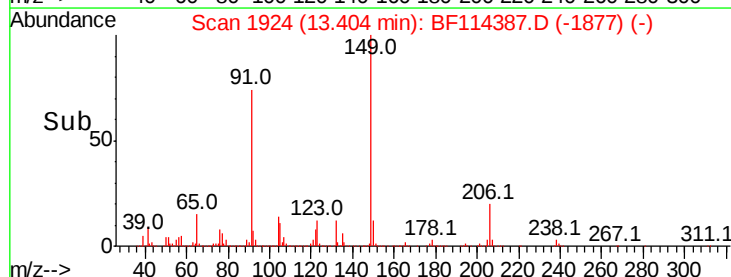
206 20.1 16.9 25.3

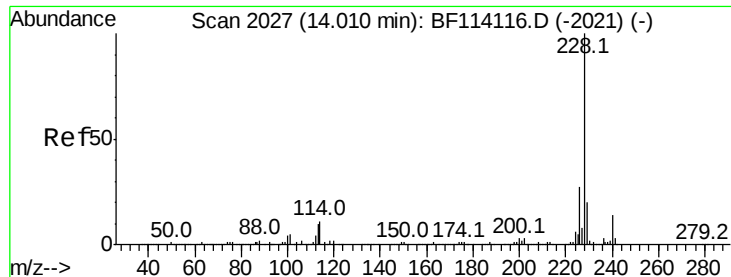


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.727 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

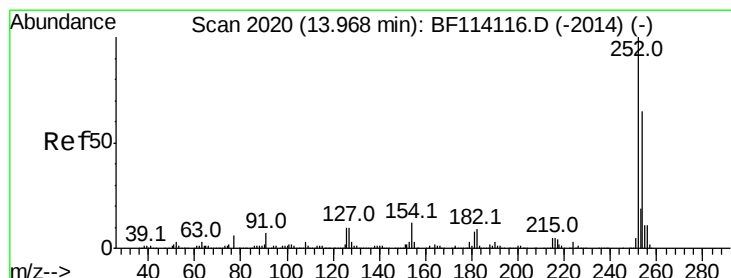
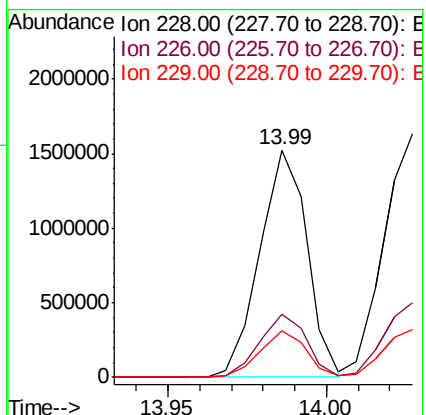
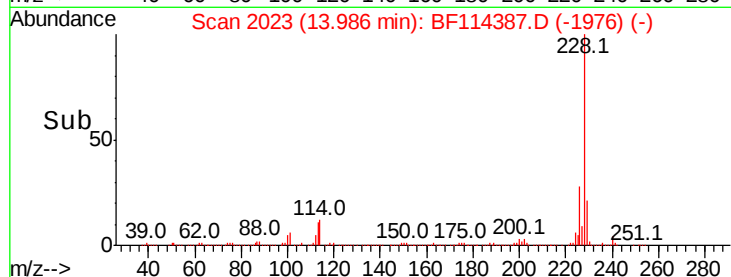
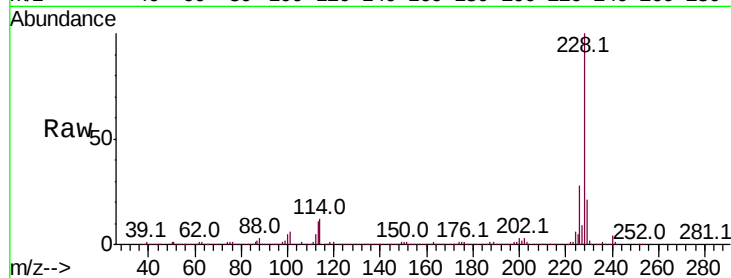
Tot Ion:228 Resp: 1578068

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

229 20.8 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 25.475 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

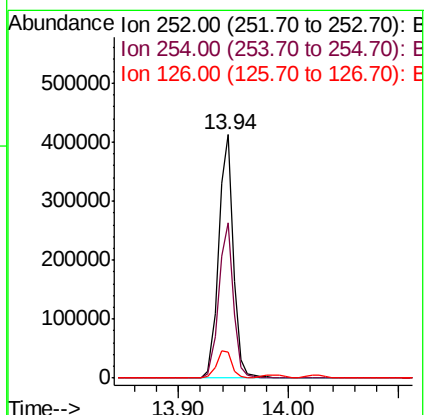
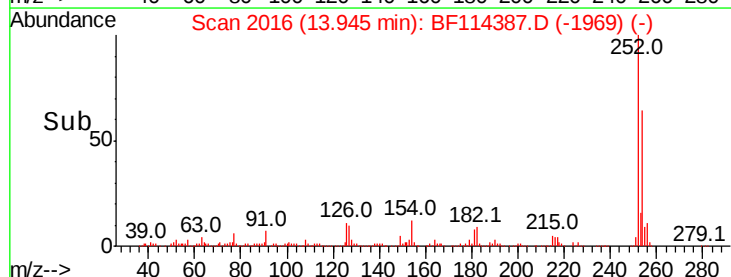
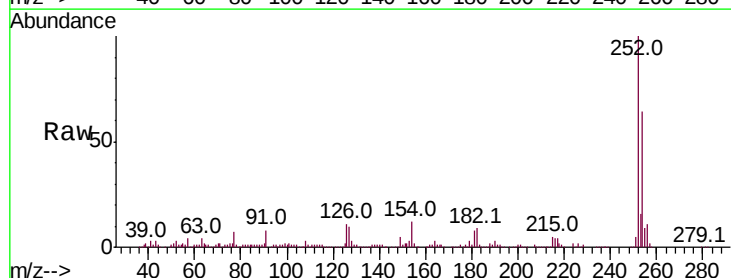
Tgt Ion:252 Resp: 382914

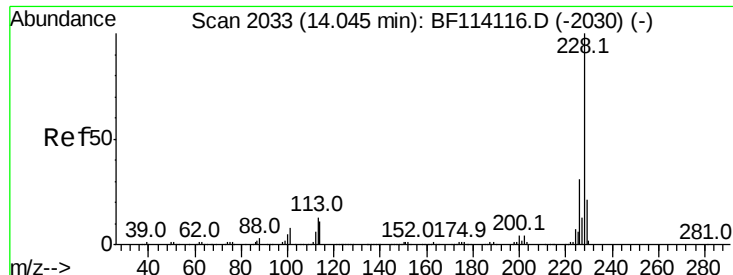
Ion Ratio Lower Upper

252 100

254 64.0 51.9 77.9

126 10.8 7.9 11.9





#83

Chrysene

Concen: 41.413 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

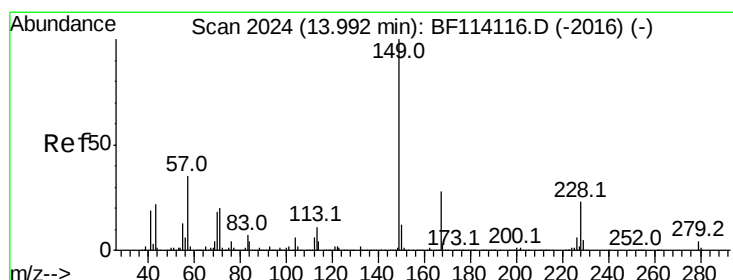
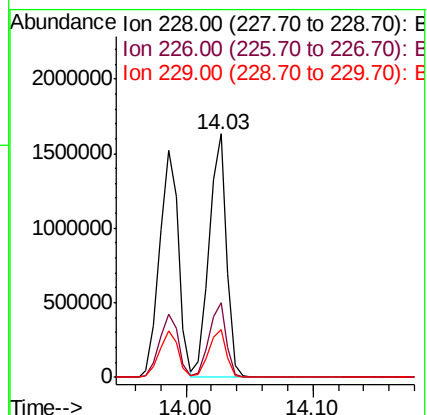
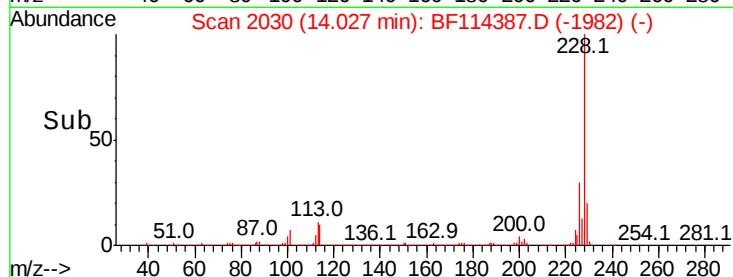
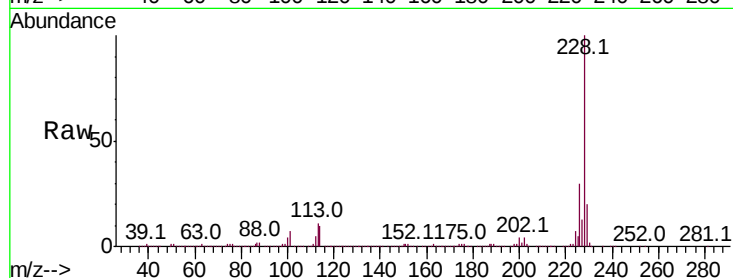
Tot Ion:228 Resp: 1573013

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.8	17.0	25.6

228 100

226 30.5 25.0 37.6

229 19.8 17.0 25.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.686 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.03 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

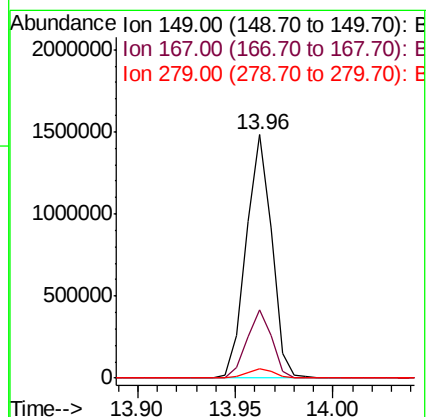
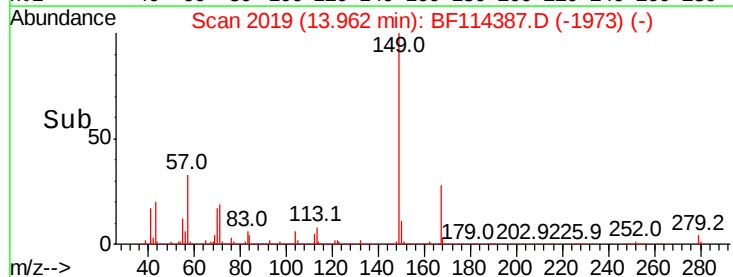
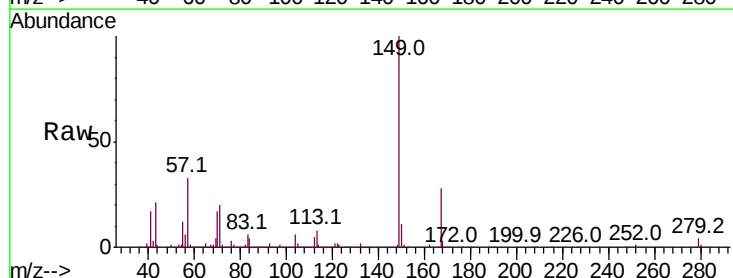
Tgt Ion:149 Resp: 1344661

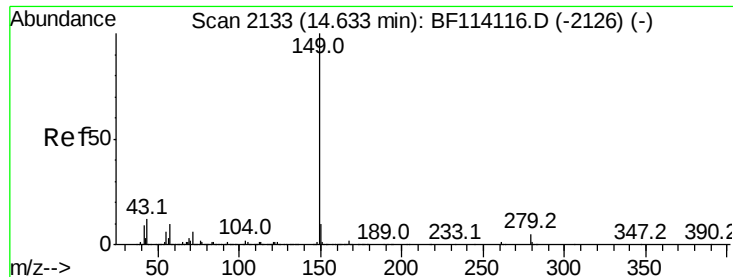
Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.6	33.8
279	4.0	3.0	4.6

149 100

167 27.9 22.6 33.8

279 4.0 3.0 4.6

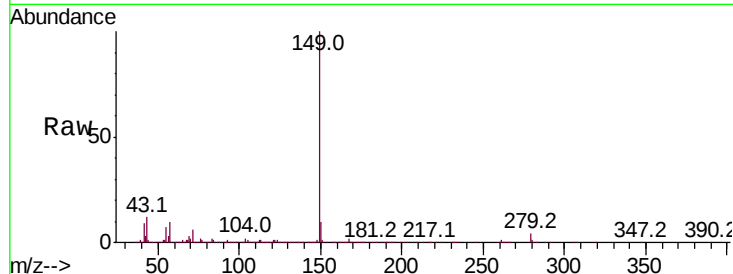




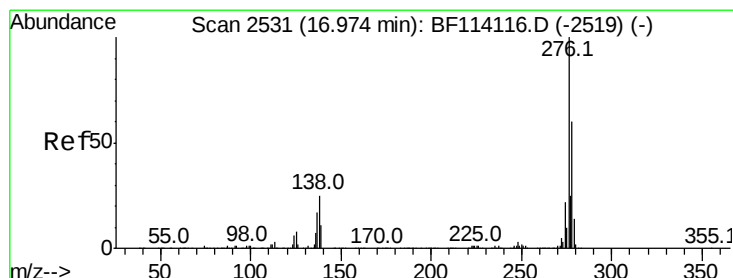
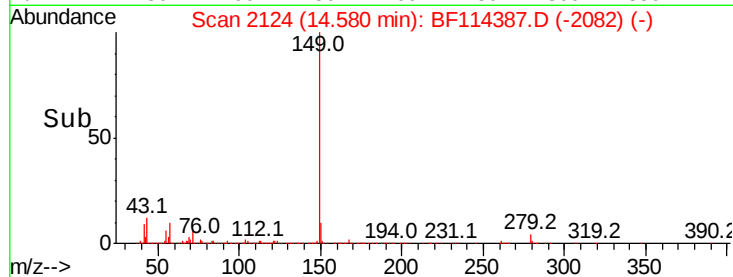
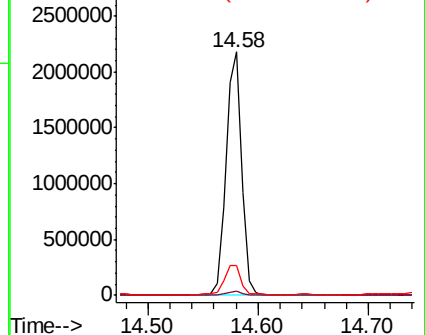
#85
Di-n-octyl phthalate
Concen: 49.867 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.05 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 2144598
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.5 10.1 15.1

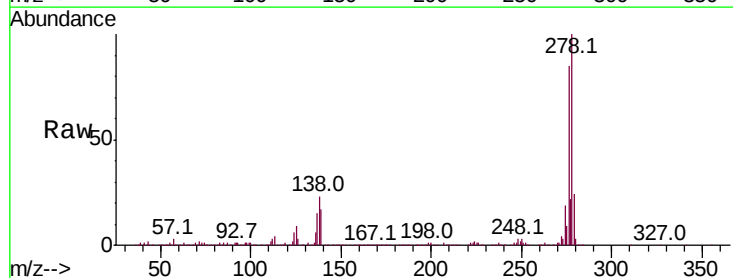


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

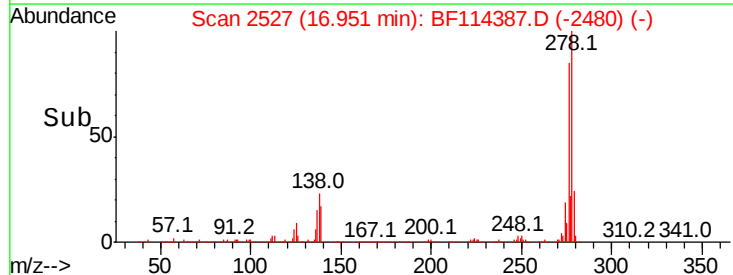
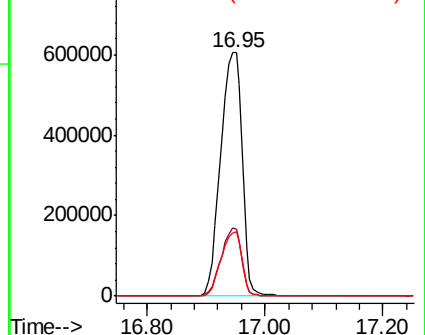


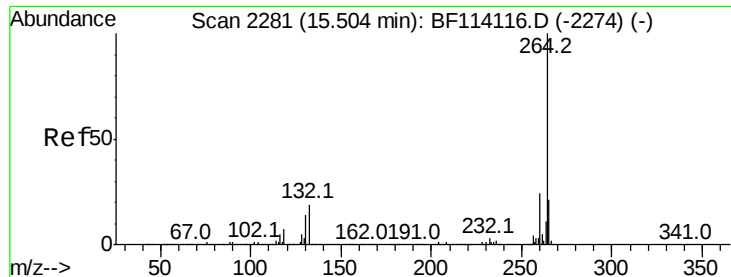
#86
Indeno(1,2,3-cd)pyrene
Concen: 46.063 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion:276 Resp: 1546300
Ion Ratio Lower Upper
276 100
138 26.3 20.2 30.2
277 25.5 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

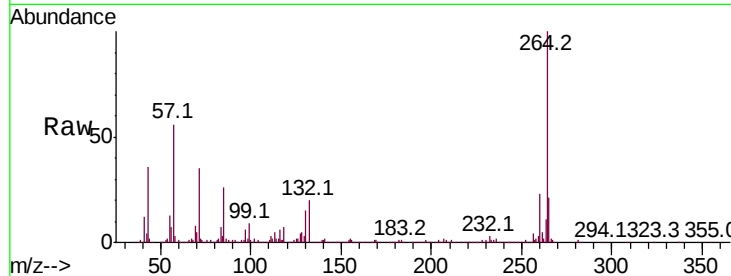




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.04 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	21.4	16.9	25.3

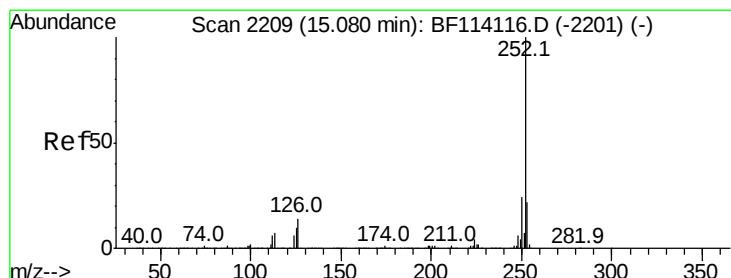
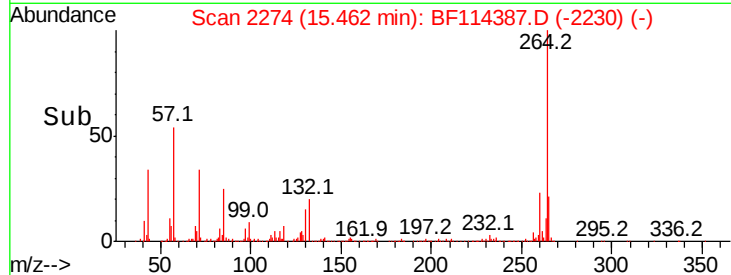
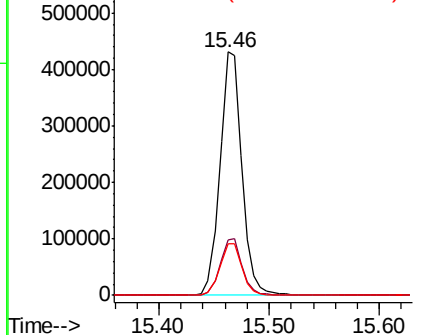


Abundance

Ion 264.00 (263.70 to 264.70): E

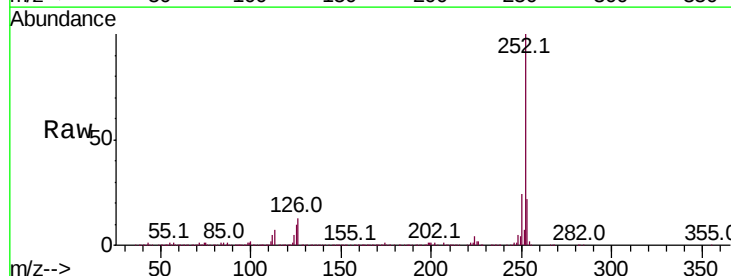
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 42.639 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.3	8.3	12.5

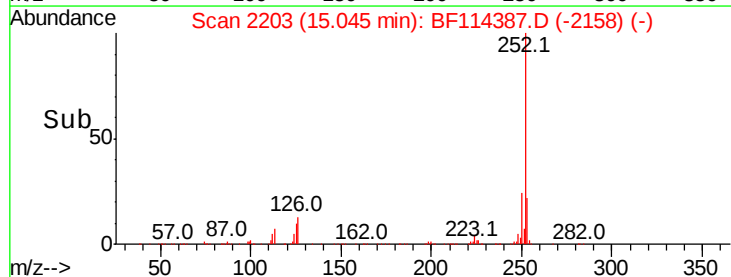
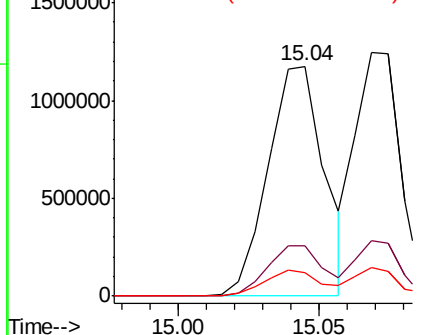


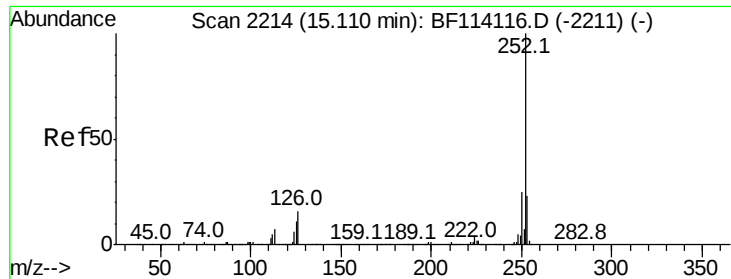
Abundance

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

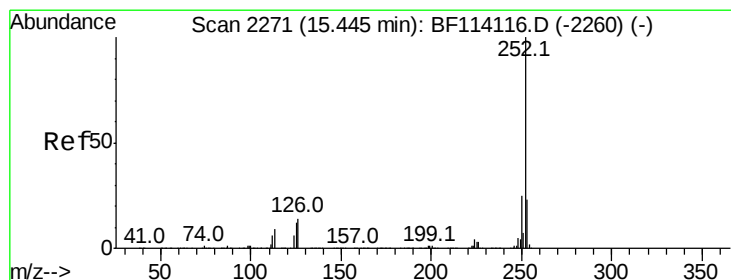
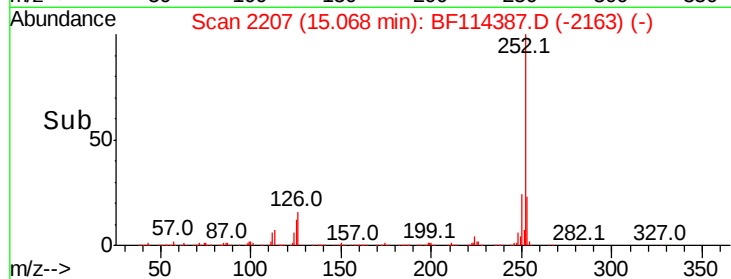
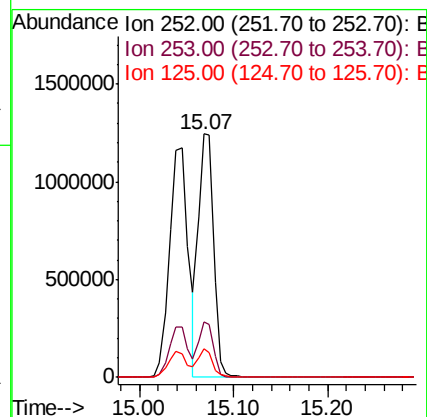
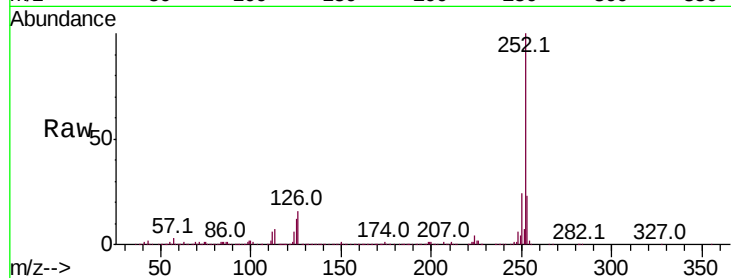




#89
Benzo(k)fluoranthene
Concen: 39.545 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

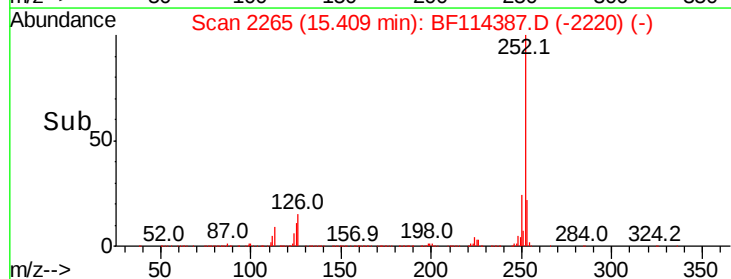
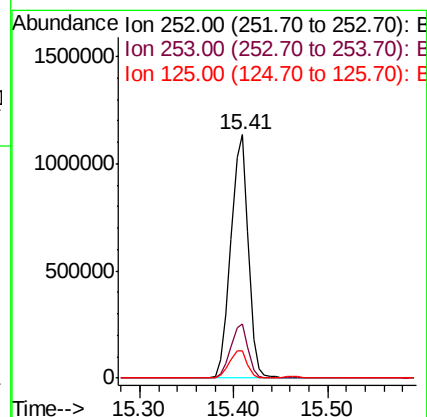
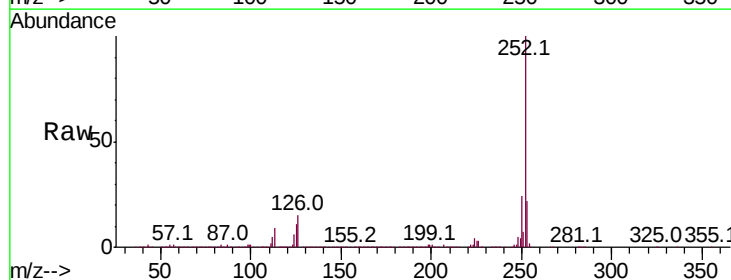
Instrument :
BNA_F
ClientSampleId :

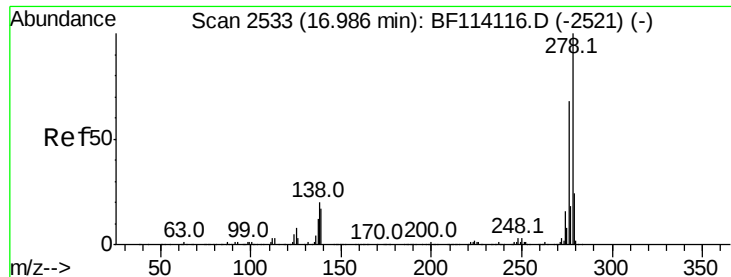
Tot Ion:252 Resp: 1387505
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 11.7 8.6 13.0



#90
Benzo(a)pyrene
Concen: 43.744 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.04 min
Lab File: BF114387.D
Acq: 18 May 2019 13:32

Tgt Ion:252 Resp: 1470455
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 11.1 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 46.132 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.04 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

Instrument :

BNA_F

ClientSampleId :

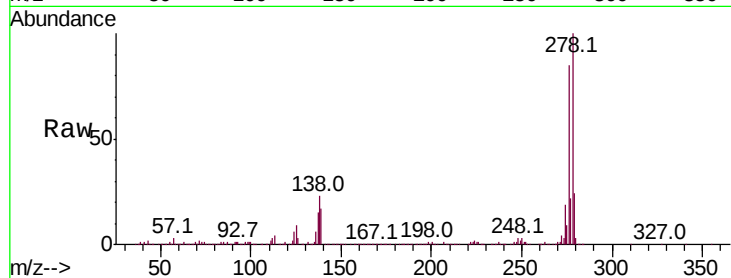
Tot Ion:278 Resp: 1288599

Ion Ratio Lower Upper

278 100

139 16.6 13.5 20.3

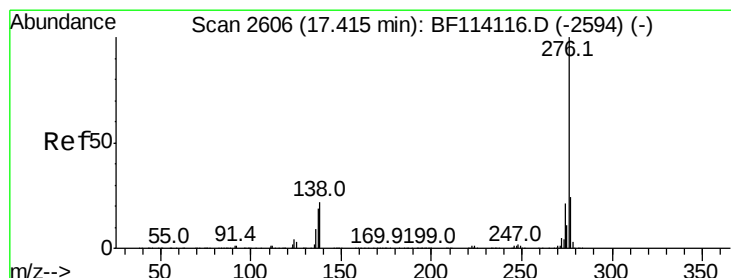
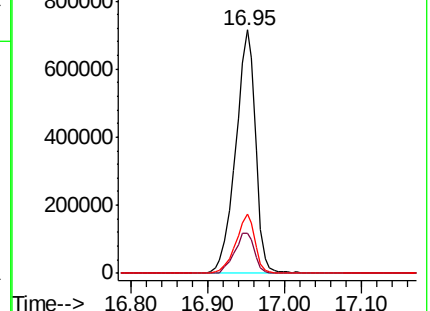
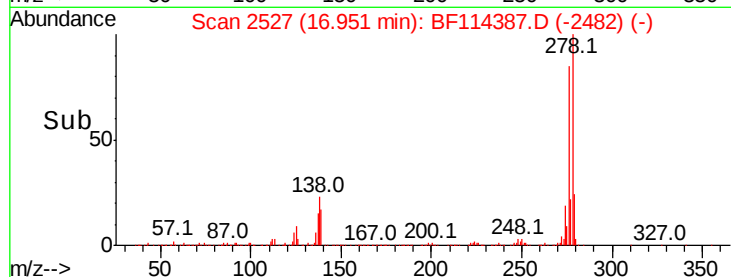
279 24.1 19.0 28.6



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: 47.874 ng

RT: 17.39 min Scan# 2601

Delta R.T. -0.03 min

Lab File: BF114387.D

Acq: 18 May 2019 13:32

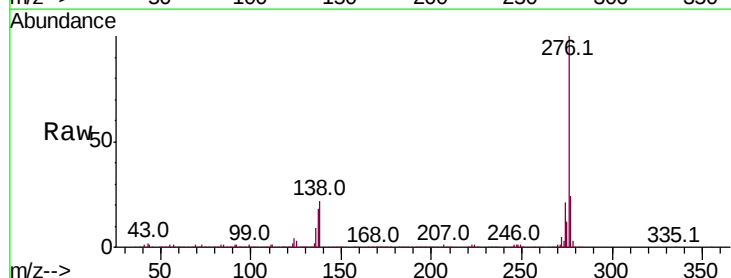
Tgt Ion:276 Resp: 1340111

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 22.3 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

