

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114558.D
 Acq On : 24 May 2019 9:50
 Operator : JU/SJ
 Sample : PB119776BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Quant Time: May 24 11:45:12 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 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	144902	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	566895	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	280331	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	580349	20.00	ng	0.00
76) Chrysene-d12	13.99	240	411057	20.00	ng	0.00
87) Perylene-d12	15.45	264	397981	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1156769	128.47	ng	0.01
7) Phenol-d6	6.47	99	1478030	138.79	ng	0.00
23) Nitrobenzene-d5	7.38	82	908040	89.89	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	386380	133.32	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1669920	90.11	ng	0.00
79) Terphenyl-d14	12.92	244	1849442	92.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	207896	42.006	ng	99
3) Pyridine	3.41	79	442931	32.482	ng	97
4) n-Nitrosodimethylamine	3.35	42	229553	34.909	ng	96
6) Aniline	6.48	93	415704	27.023	ng	# 28
8) 2-Chlorophenol	6.61	128	426992	44.420	ng	92
9) Benzaldehyde	6.37	77	211079	28.312	ng	98
10) Phenol	6.48	94	517918	41.341	ng	86
11) bis(2-Chloroethyl)ether	6.55	93	407211	42.815	ng	96
12) 1,3-Dichlorobenzene	6.76	146	449727	41.679	ng	98
13) 1,4-Dichlorobenzene	6.83	146	452914	41.655	ng	98
14) 1,2-Dichlorobenzene	6.99	146	420547	42.336	ng	99
15) Benzyl Alcohol	6.96	79	350350	42.180	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	733816	39.792	ng	62
17) 2-Methylphenol	7.08	107	337788	42.778	ng	# 90
18) Hexachloroethane	7.32	117	167425	41.022	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	291521	43.187	ng	100
20) 3+4-Methylphenols	7.23	107	443072	48.565	ng	# 65
22) Acetophenone	7.22	105	577002	45.945	ng	# 90
24) Nitrobenzene	7.40	77	450015	43.740	ng	96
25) Isophorone	7.63	82	819657	43.752	ng	99
26) 2-Nitrophenol	7.72	139	231838	46.446	ng	99
27) 2,4-Dimethylphenol	7.76	122	378526	48.283	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	520990	42.861	ng	98
29) 2,4-Dichlorophenol	7.96	162	359171	46.010	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	376990	42.468	ng	99
31) Naphthalene	8.12	128	1219539	46.054	ng	98
32) Benzoic acid	7.91	122	220379	40.679	ng	99
33) 4-Chloroaniline	8.17	127	332406	27.547	ng	99
34) Hexachlorobutadiene	8.23	225	211580	41.890	ng	99
35) Caprolactam	8.55	113	71239	27.986	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	383622	48.820	ng	99
37) 2-Methylnaphthalene	8.81	142	828451	48.490	ng	98
38) 1-Methylnaphthalene	8.91	142	782235	48.618	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	377428	44.446	ng	99

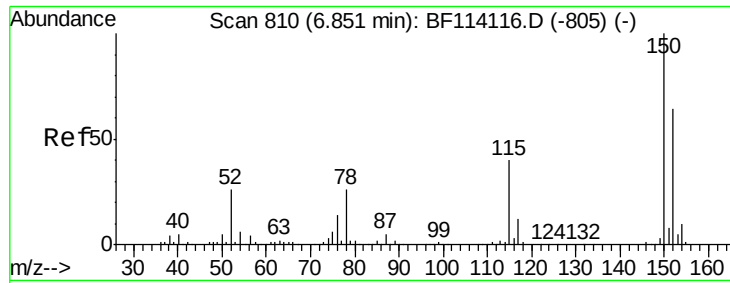
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	142975	38.510	ng	100
43) 2,4,6-Trichlorophenol	9.10	196	243776	41.736	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	256264	42.781	ng	95
46) 1,1'-Biphenyl	9.27	154	1018112	44.956	ng	97
47) 2-Chloronaphthalene	9.30	162	779465	42.767	ng	98
48) 2-Nitroaniline	9.40	65	263939	40.833	ng	93
49) Acenaphthylene	9.72	152	1237352	44.636	ng	98
50) Dimethylphthalate	9.57	163	911041	44.271	ng	99
51) 2,6-Dinitrotoluene	9.65	165	201391	44.122	ng	89
52) Acenaphthene	9.89	154	723345	42.523	ng	99
53) 3-Nitroaniline	9.82	138	166506	29.387	ng	97
54) 2,4-Dinitrophenol	9.94	184	167052	73.393	ng	93
55) Dibenzofuran	10.06	168	1062199	42.584	ng	99
56) 4-Nitrophenol	10.00	139	244573	61.038	ng	99
57) 2,4-Dinitrotoluene	10.06	165	256801	41.451	ng	# 77
58) Fluorene	10.40	166	885213	45.945	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	213091	41.229	ng	100
60) Diethylphthalate	10.27	149	917754	43.892	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	420204	44.406	ng	97
62) 4-Nitroaniline	10.43	138	243687	40.929	ng	99
63) Azobenzene	10.55	77	871638	43.067	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	115946	41.578	ng	95
66) n-Nitrosodiphenylamine	10.51	169	787578	44.714	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	268927	42.086	ng	97
68) Hexachlorobenzene	10.96	284	283431	40.095	ng	100
69) Atrazine	11.04	200	244008	44.516	ng	98
70) Pentachlorophenol	11.16	266	224886	67.111	ng	100
71) Phenanthrene	11.37	178	1264227	44.776	ng	98
72) Anthracene	11.42	178	1323459	46.668	ng	98
73) Carbazole	11.57	167	1247250	46.121	ng	98
74) Di-n-butylphthalate	11.89	149	1487938	47.758	ng	100
75) Fluoranthene	12.56	202	1406122	46.246	ng	99
77) Benzidine	12.67	184	746589	40.462	ng	96
78) Pyrene	12.79	202	1417474	42.866	ng	98
80) Butylbenzylphthalate	13.39	149	652963	46.914	ng	99
81) Benzo(a)anthracene	13.97	228	1177036	44.271	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	339854	32.951	ng	100
83) Chrysene	14.02	228	1161588	44.569	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	891902	48.996	ng	100
85) Di-n-octyl phthalate	14.56	149	1479637	50.142	ng	98
86) Indeno(1,2,3-cd)pyrene	16.94	276	1006392	43.692	ng	99
88) Benzo(b)fluoranthene	15.03	252	1122210	44.014	ng	99
89) Benzo(k)fluoranthene	15.06	252	1044930	44.614	ng	99
90) Benzo(a)pyrene	15.39	252	1040791	46.382	ng	99
91) Dibenzo(a,h)anthracene	16.93	278	844489	45.290	ng	99
92) Benzo(g,h,i)perylene	17.37	276	840496	44.979	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

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BNA_F

ClientSampleId :

PB119776BS

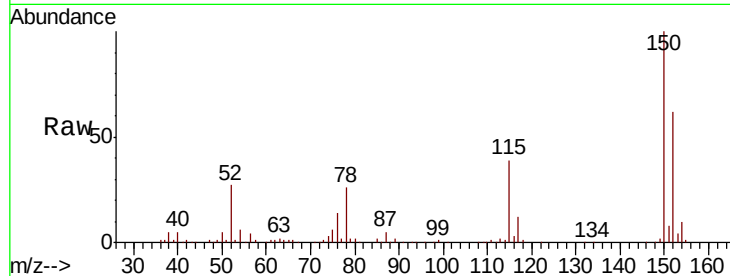
Tot Ion:152 Resp: 144902

Ion Ratio Lower Upper

152 100

150 160.6 124.3 186.5

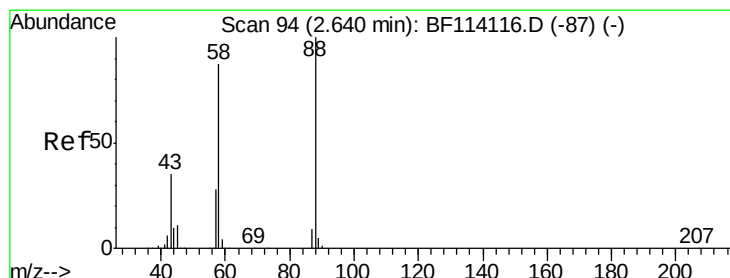
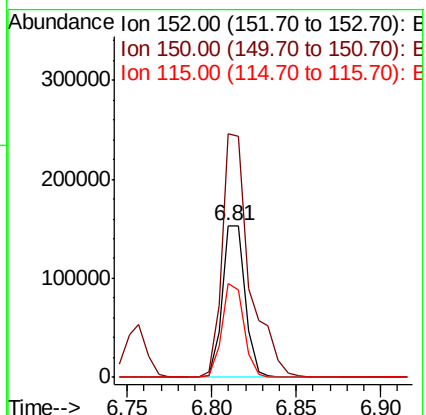
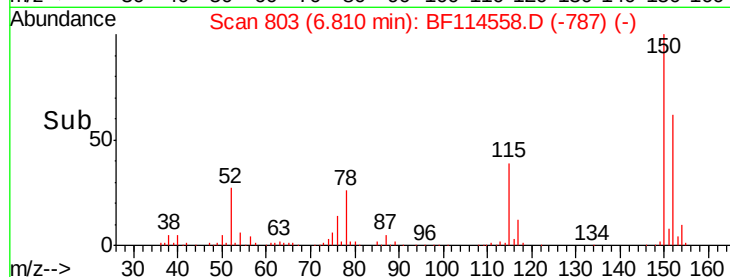
115 62.0 49.1 73.7



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: 42.006 ng

RT: 2.65 min Scan# 96

Delta R.T. 0.09 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

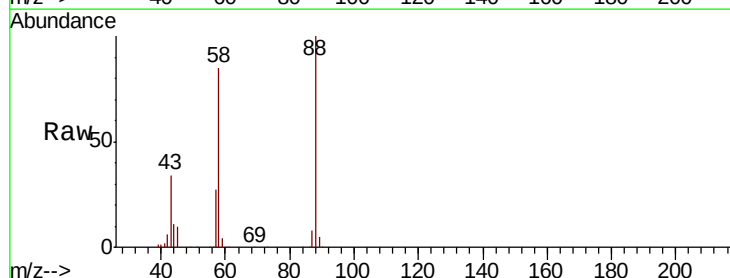
Tgt Ion: 88 Resp: 207896

Ion Ratio Lower Upper

88 100

58 87.0 68.7 103.1

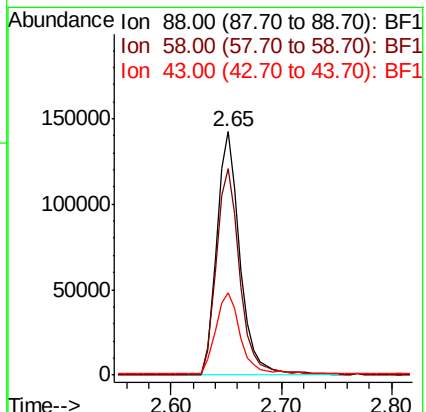
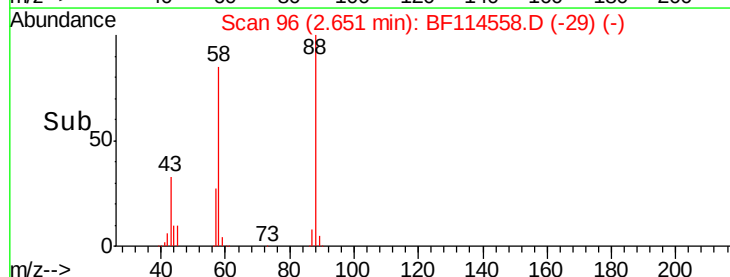
43 34.7 28.2 42.2

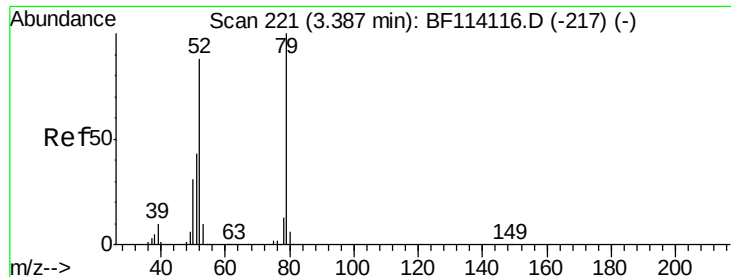


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.482 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.11 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB119776BS

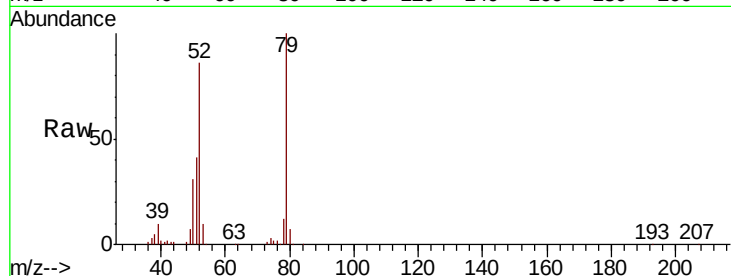
Tot Ion: 79 Resp: 442931

Ion Ratio Lower Upper

79 100

52 86.0 70.6 105.8

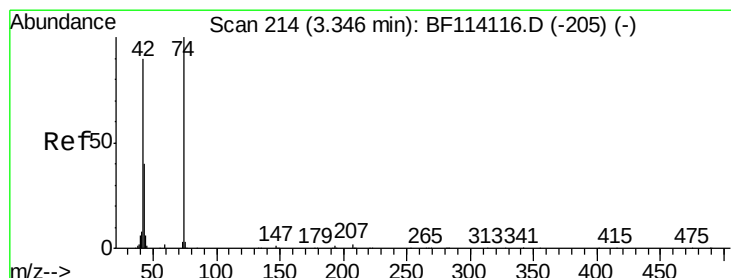
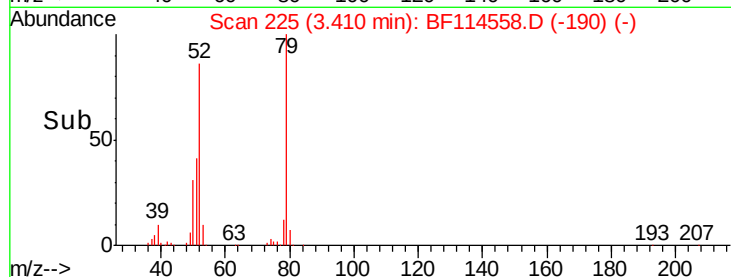
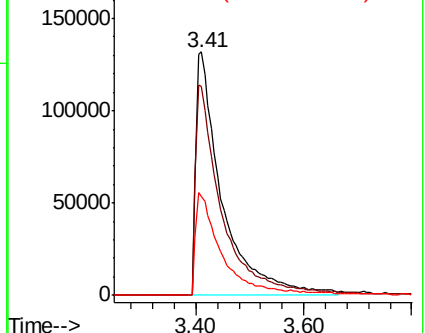
51 40.8 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.909 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.09 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

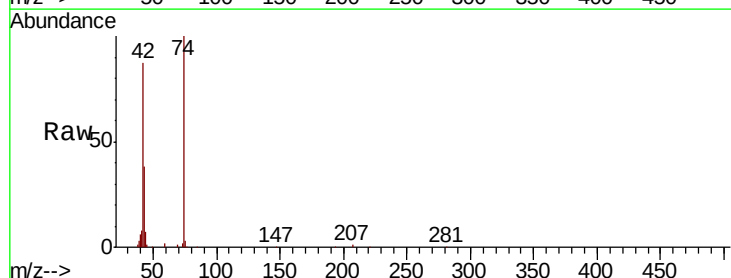
Tgt Ion: 42 Resp: 229553

Ion Ratio Lower Upper

42 100

74 114.6 88.6 132.8

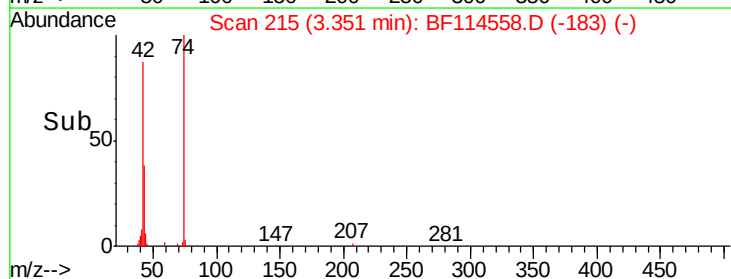
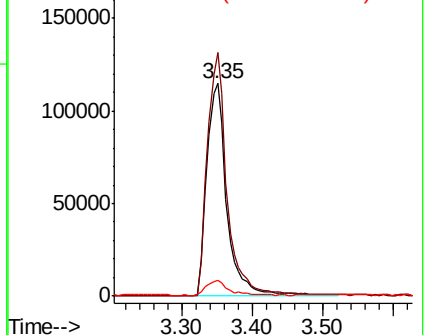
44 7.7 5.5 8.3

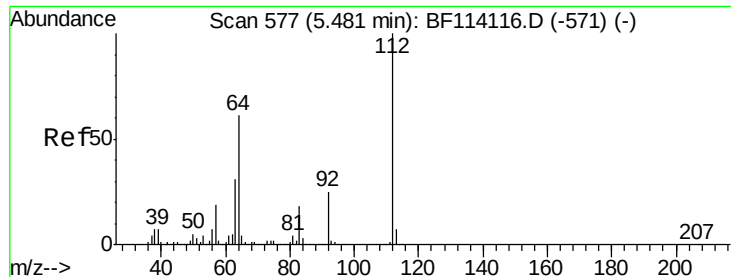


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 128.469 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

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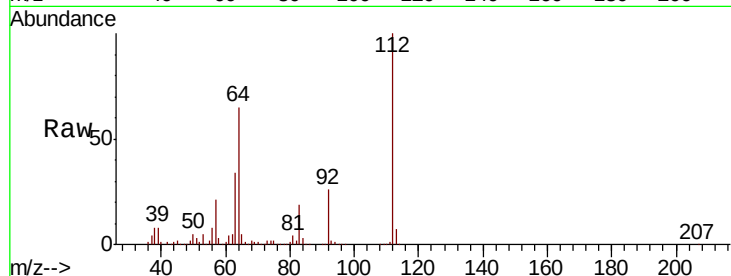
Tot Ion:112 Resp: 1156769

Ion Ratio Lower Upper

112 100

64 65.3 49.0 73.6

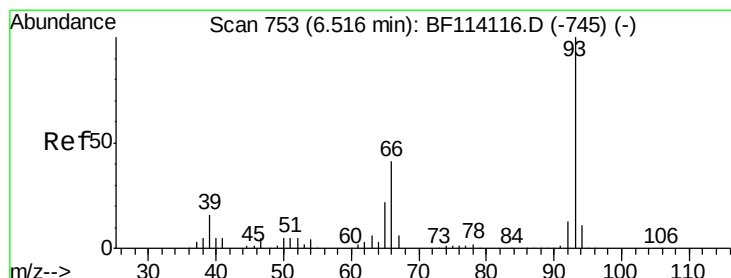
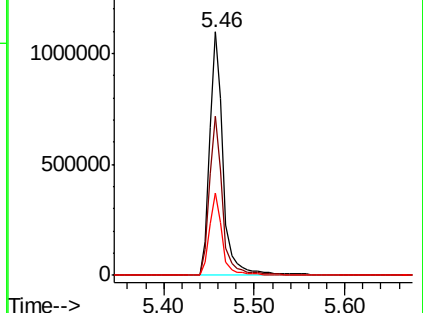
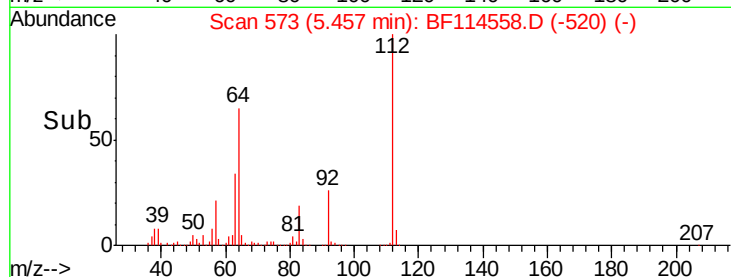
63 33.8 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.023 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

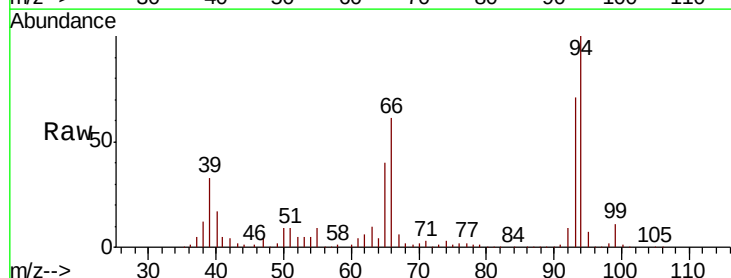
Tgt Ion: 93 Resp: 415704

Ion Ratio Lower Upper

93 100

66 86.6 33.2 49.8#

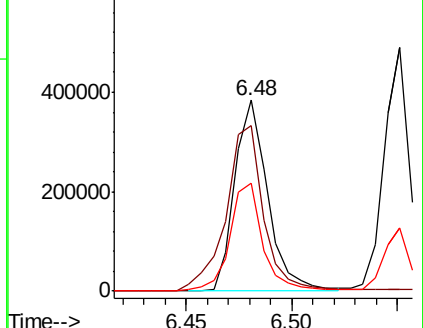
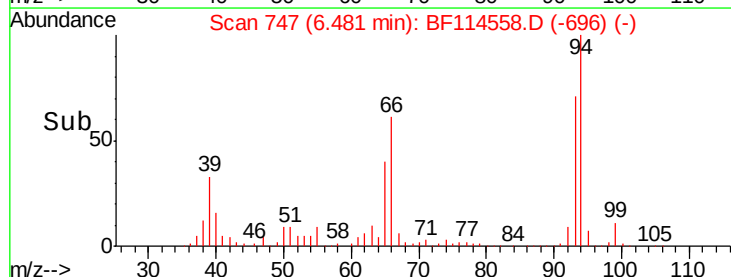
65 56.3 17.6 26.4#

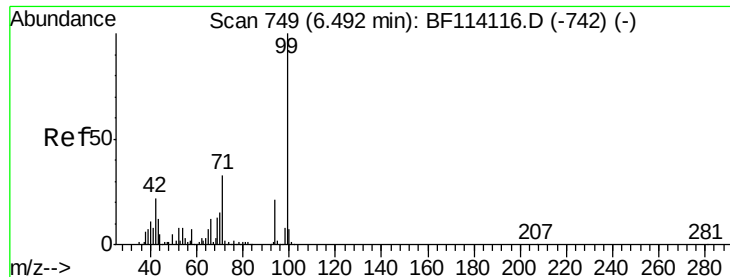


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 138.787 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

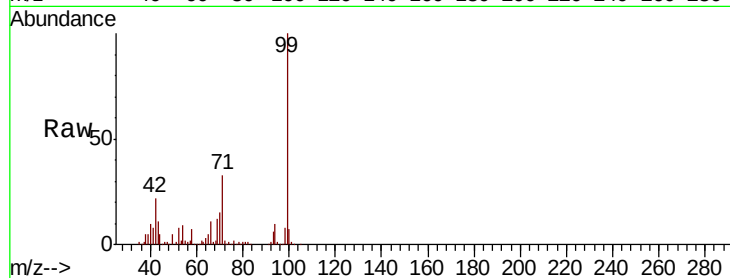
BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1478030

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.9	26.9
71	33.0	26.2	39.2

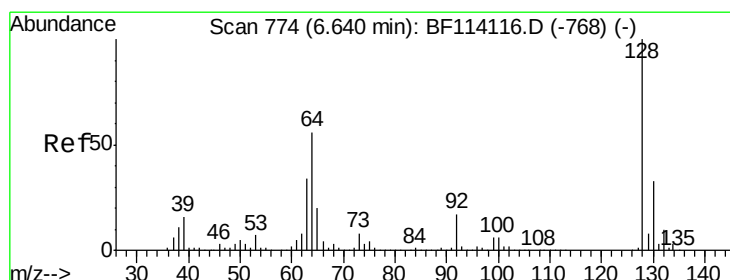
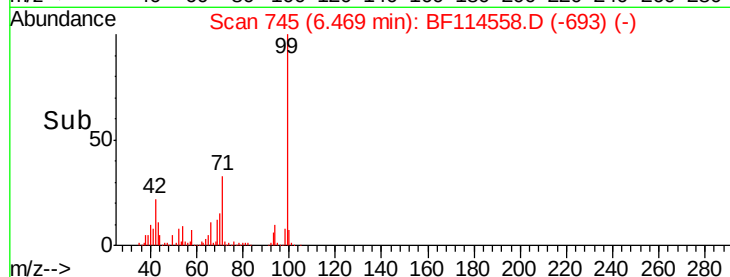
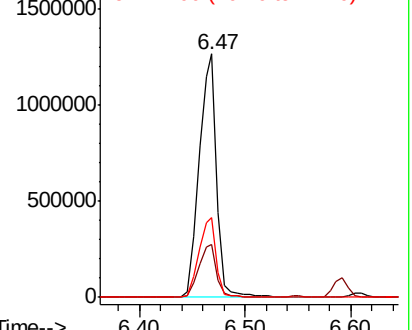


Abundance

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: 44.420 ng

RT: 6.61 min Scan# 769

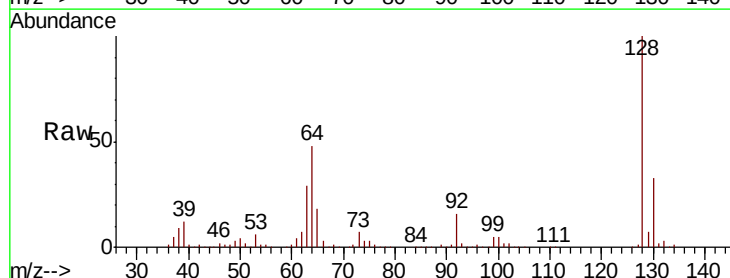
Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Tgt Ion: 128 Resp: 426992

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.6	52.6
64	47.6	35.9	75.9

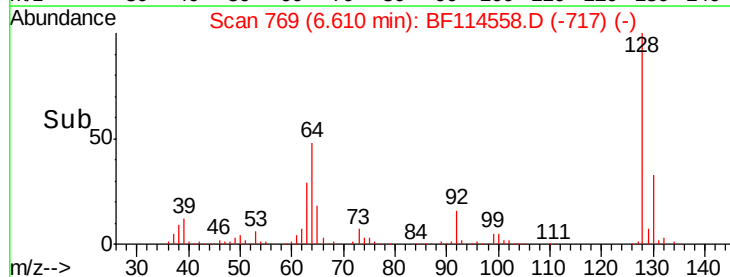
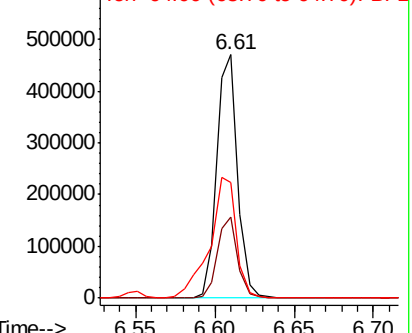


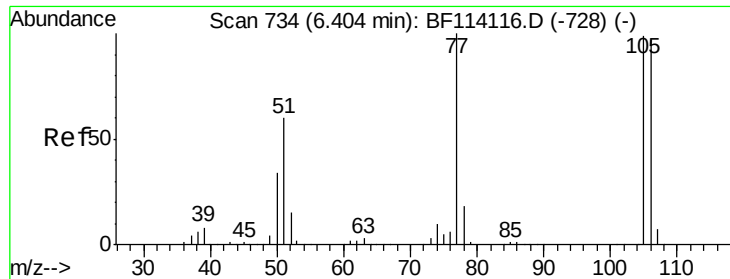
Abundance

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: 28.312 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

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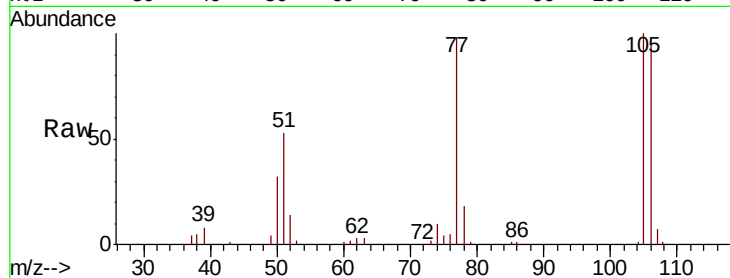
Tot Ion: 77 Resp: 211079

Ion Ratio Lower Upper

77 100

105 101.7 79.3 119.3

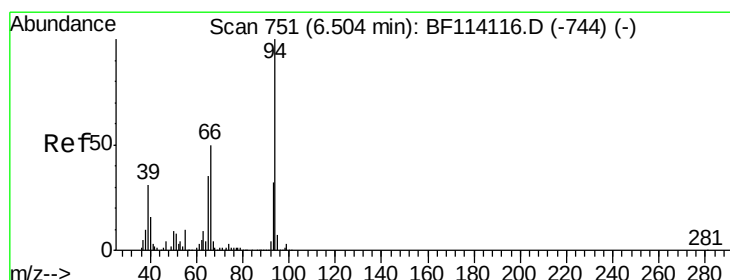
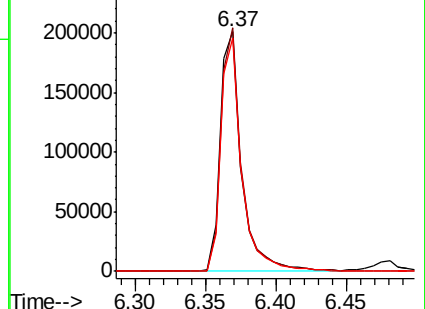
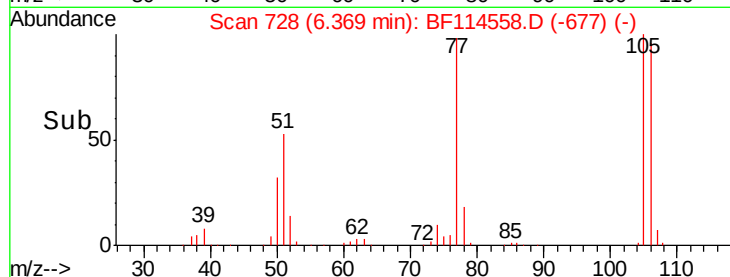
106 97.5 77.0 117.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.341 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

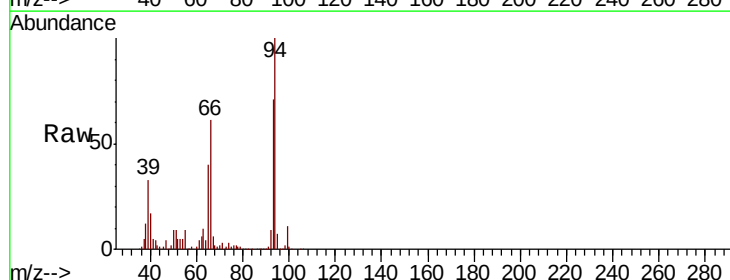
Tgt Ion: 94 Resp: 517918

Ion Ratio Lower Upper

94 100

65 39.9 14.7 54.7

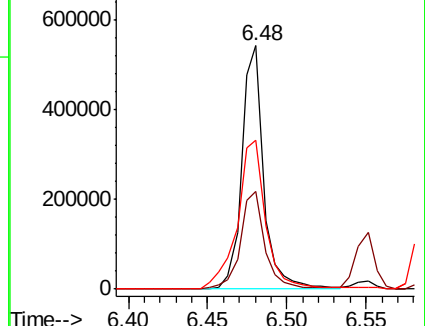
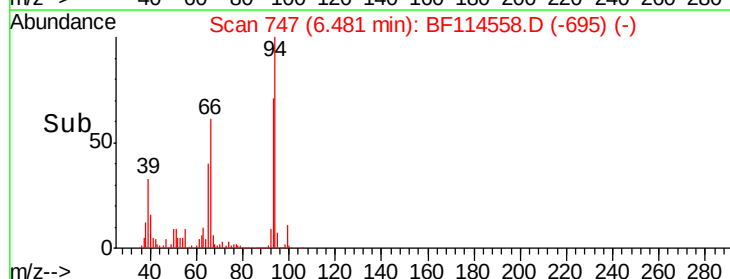
66 61.4 29.6 69.6

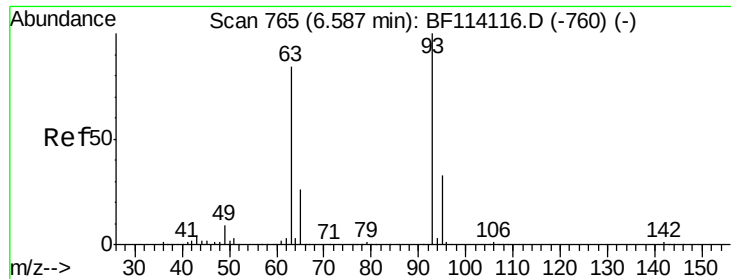


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.815 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB119776BS

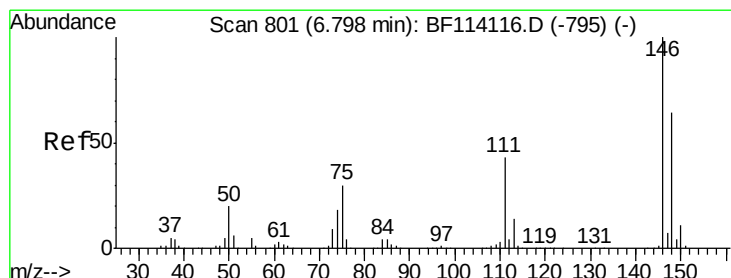
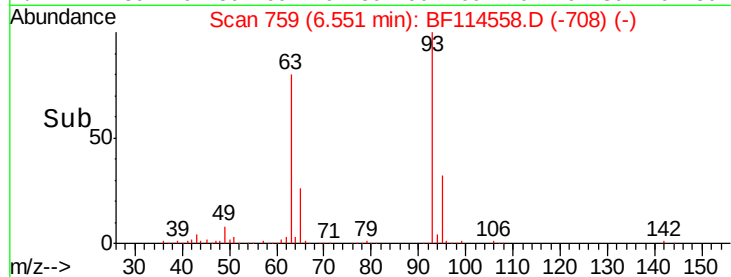
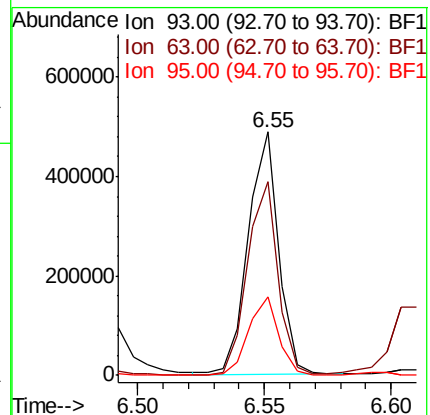
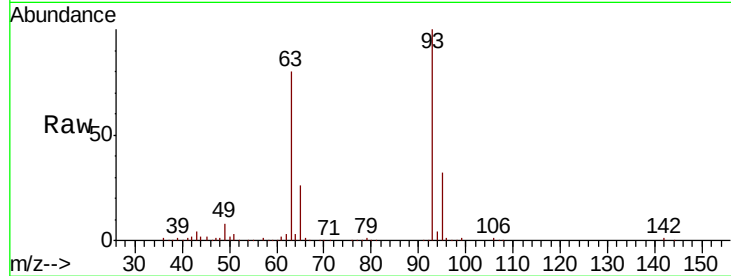
Tot Ion: 93 Resp: 407211

Ion Ratio Lower Upper

93 100

63 79.7 63.6 103.6

95 32.0 13.1 53.1



#12

1,3-Dichlorobenzene

Concen: 41.679 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

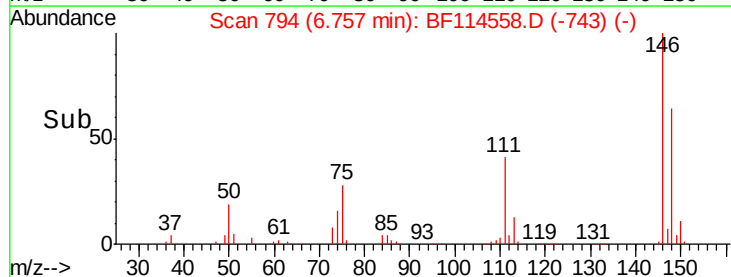
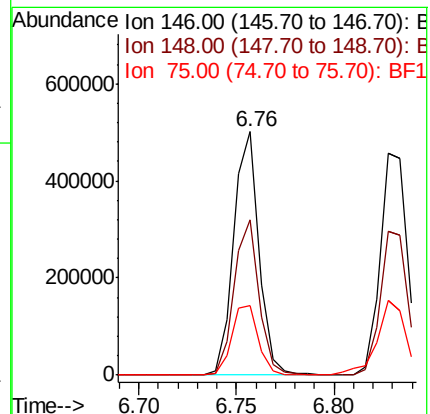
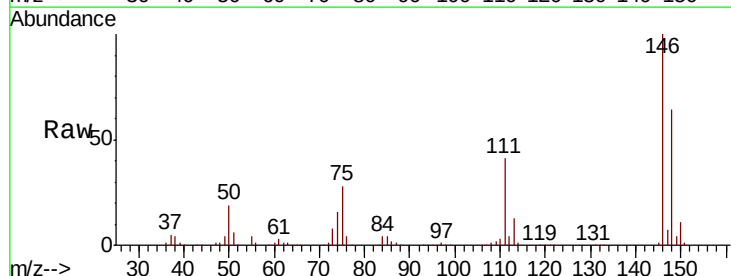
Tgt Ion: 146 Resp: 449727

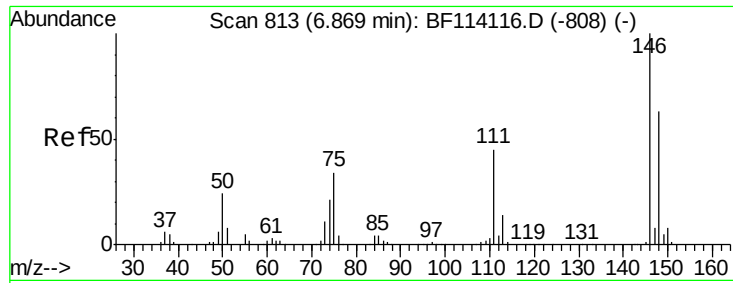
Ion Ratio Lower Upper

146 100

148 63.6 51.6 77.4

75 28.4 24.2 36.2

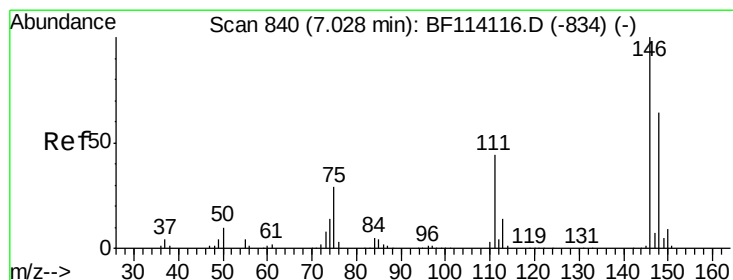
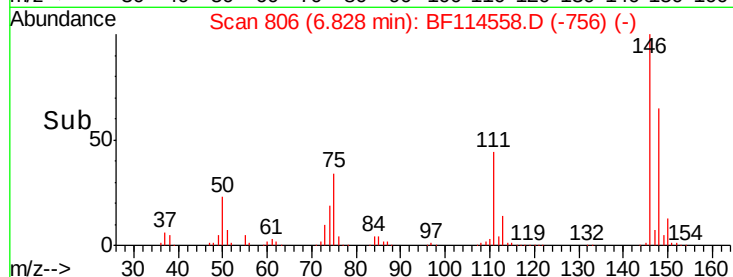
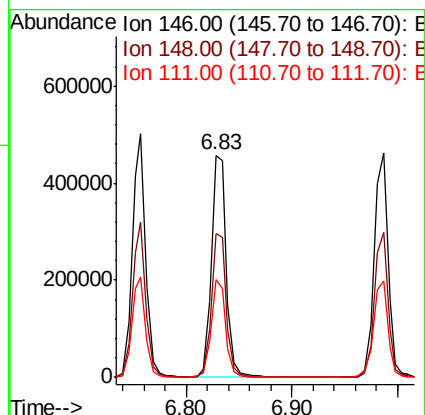
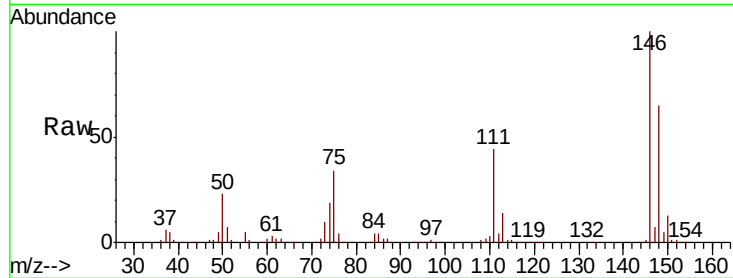




#13
 1,4-Dichlorobenzene
 Concen: 41.655 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

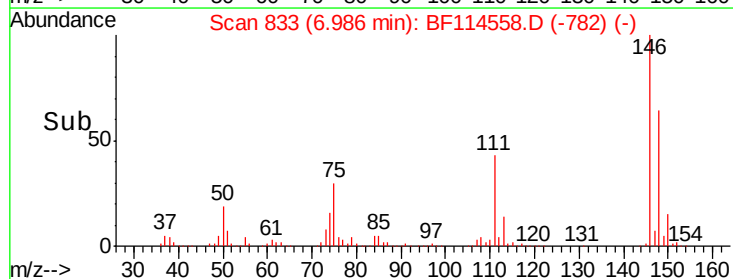
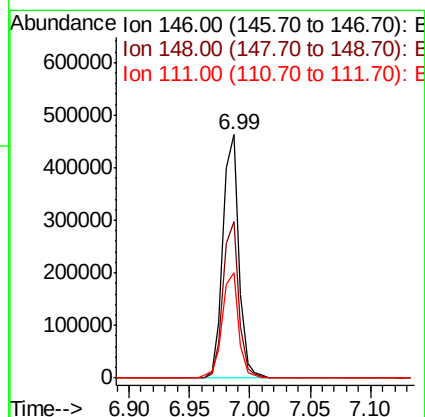
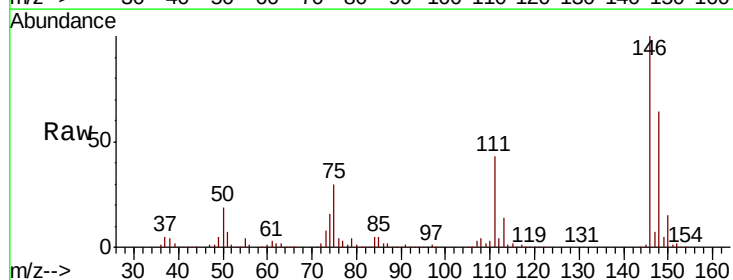
Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

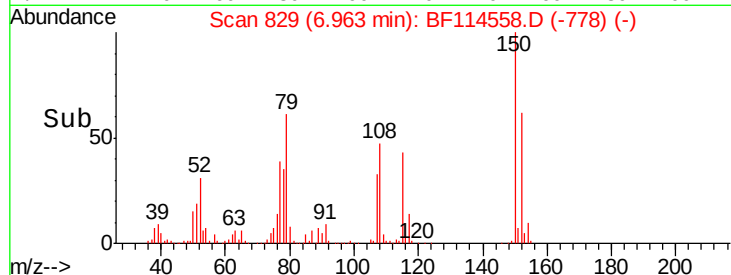
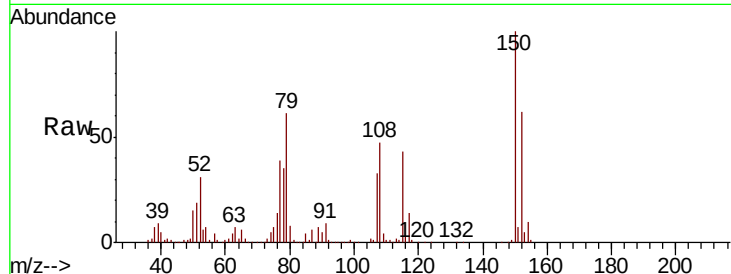
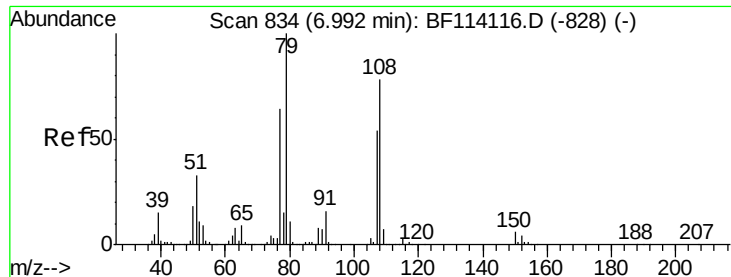
Tot Ion:146 Resp: 452914
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.2 75.2
 111 44.2 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 42.336 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Tgt Ion:146 Resp: 420547
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.1 76.7
 111 43.0 35.3 52.9

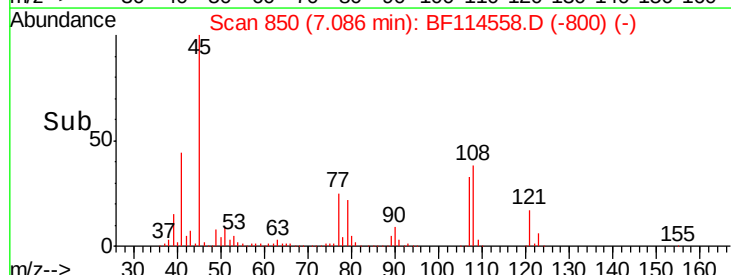
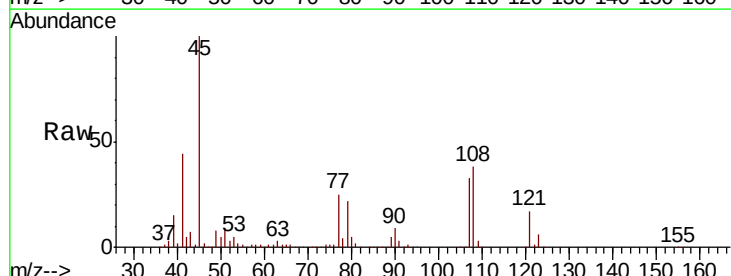
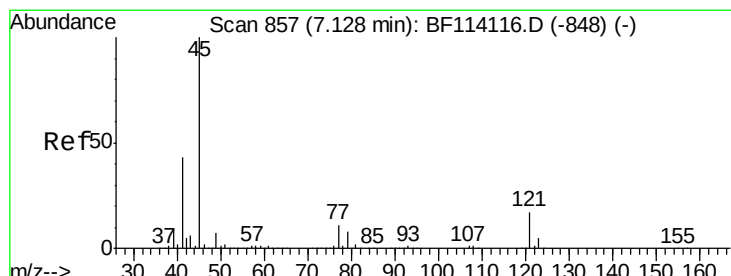
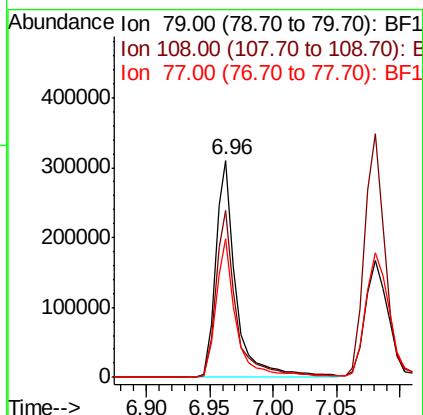




#15
Benzyl Alcohol
Concen: 42.180 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

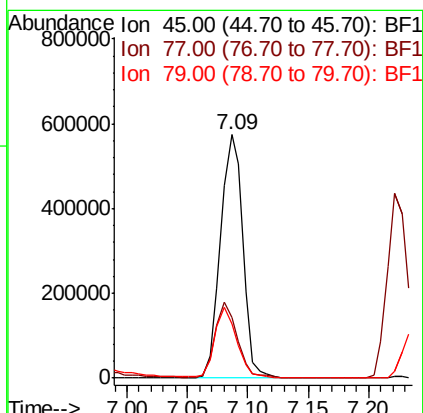
Tot Ion	Ratio	Lower	Upper
79	100		
108	76.6	62.1	93.1
77	63.9	51.0	76.6

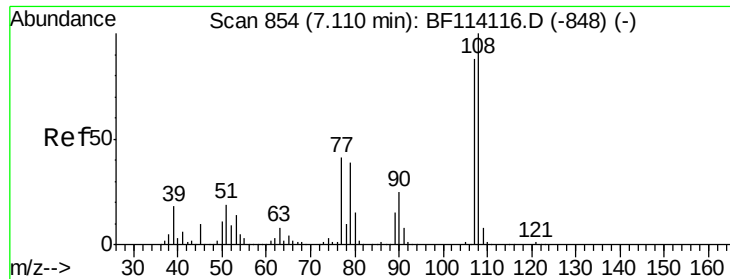
Instrument :
BNA_F
ClientSampleId :
PB119776BS



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.792 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	25.1	0.0	31.1
79	22.1	0.0	28.4

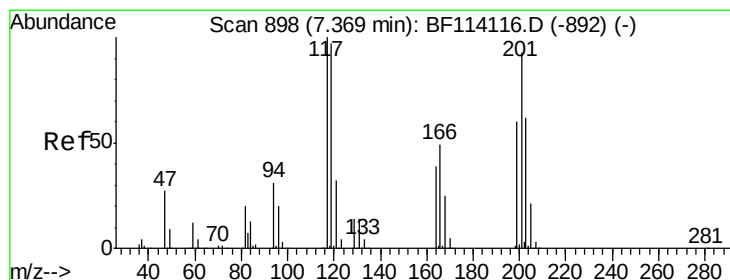
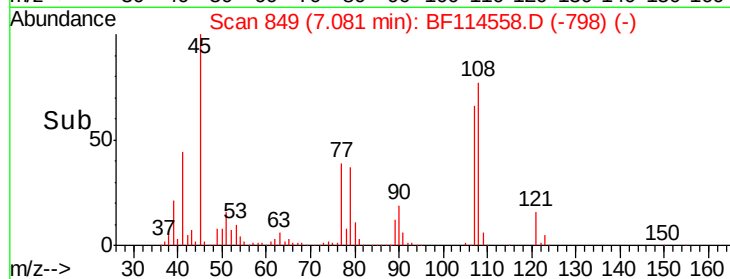
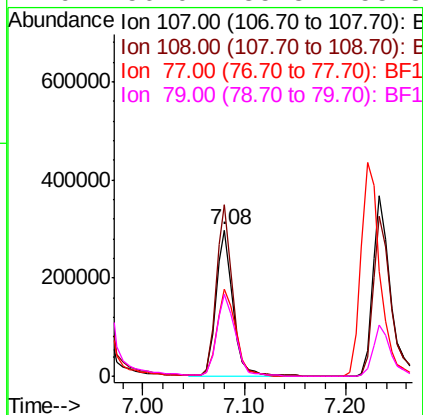
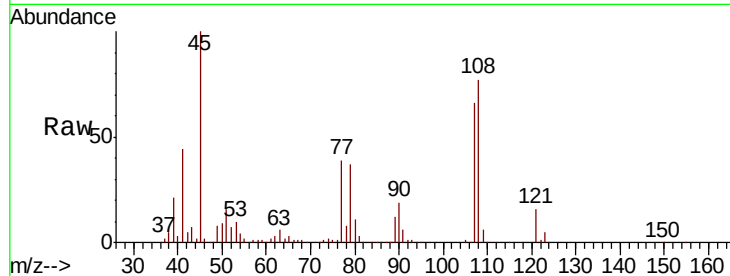




#17
2-Methylphenol
Concen: 42.778 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

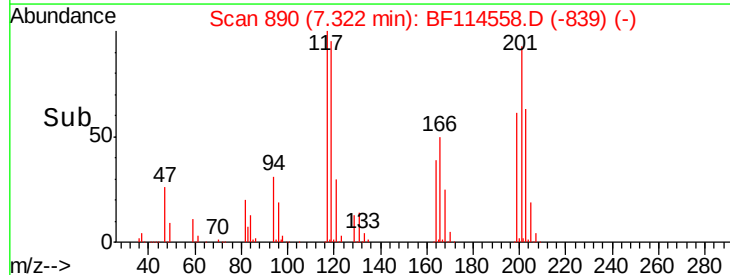
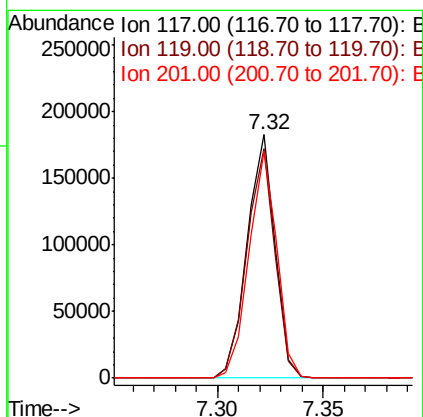
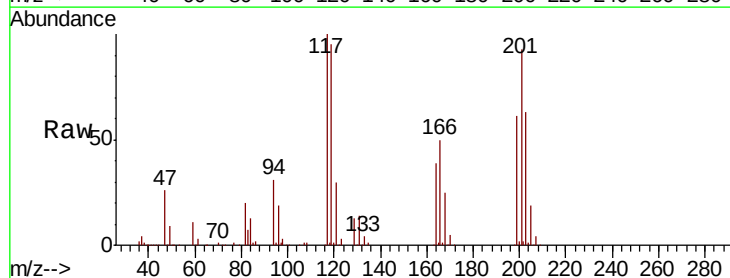
Instrument :
BNA_F
ClientSampleId :
PB119776BS

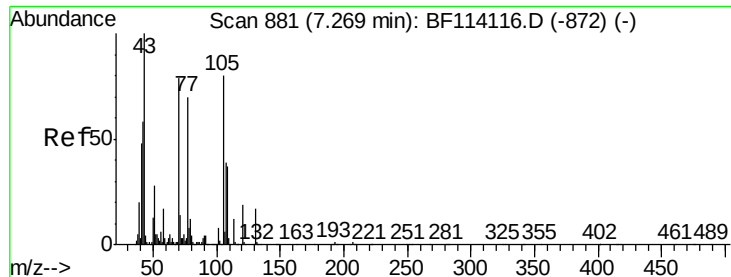
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.8	90.5	135.7
77	59.8	37.0	55.4
79	56.0	35.8	53.8



#18
Hexachloroethane
Concen: 41.022 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.4	116.2
201	93.4	74.5	111.7

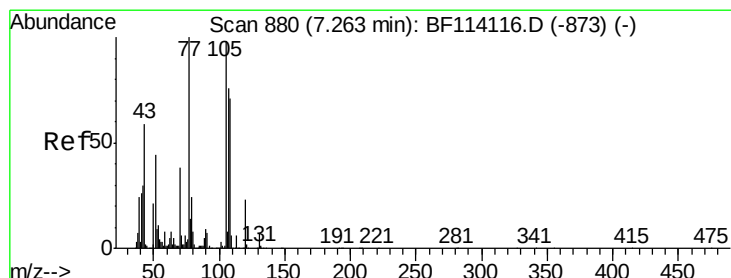
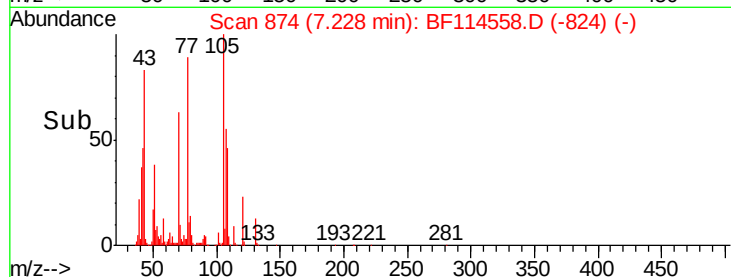
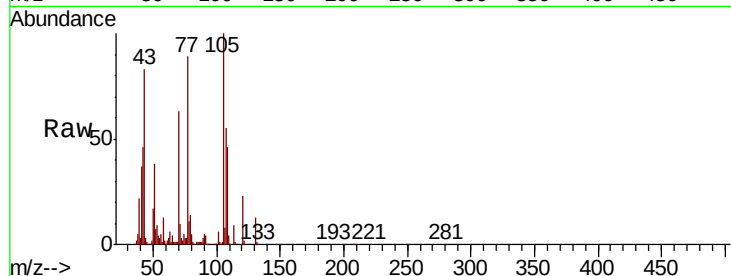
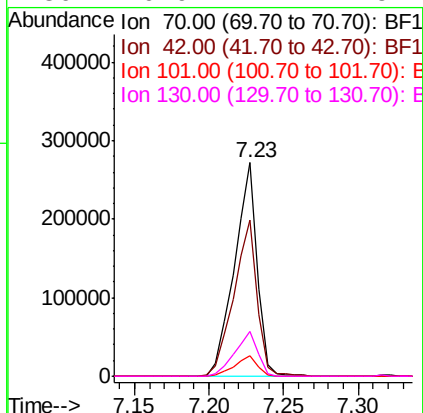




#19
n-Nitroso-di-n-propylamine
Concen: 43.187 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

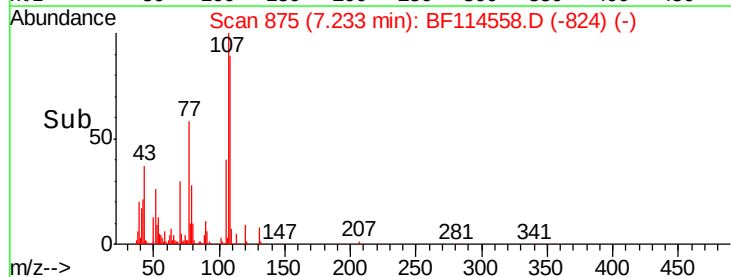
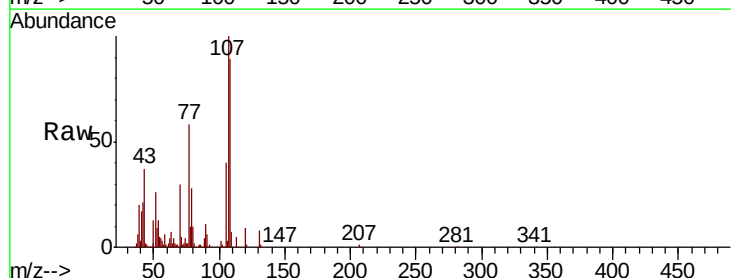
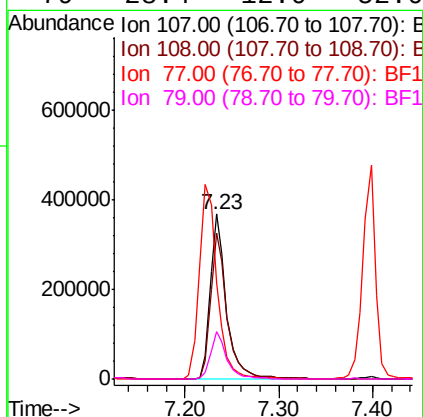
Instrument :
BNA_F
ClientSampleId :
PB119776BS

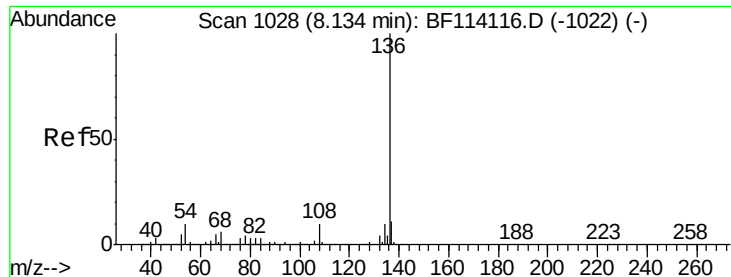
Tot Ion:	70	Resp:	291521
Ion	Ratio	Lower	Upper
70	100		
42	73.4	58.6	87.8
101	9.7	7.8	11.8
130	20.9	17.1	25.7



#20
3+4-Methylphenols
Concen: 48.565 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion:	107	Resp:	443072
Ion	Ratio	Lower	Upper
107	100		
108	88.9	73.8	113.8
77	58.0	111.5	151.5#
79	28.4	12.0	52.0

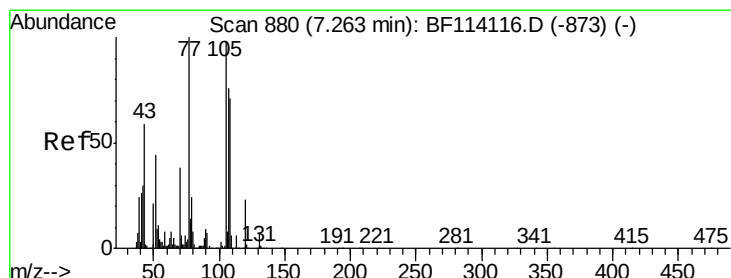
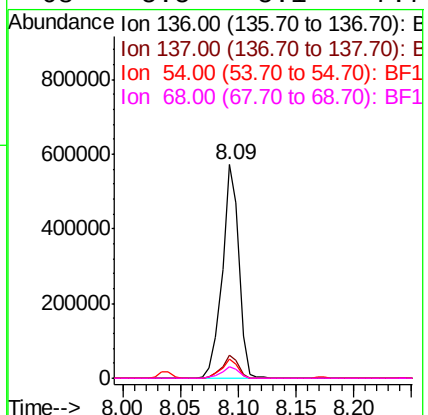
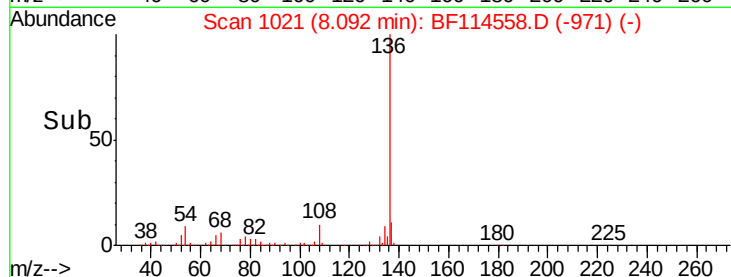
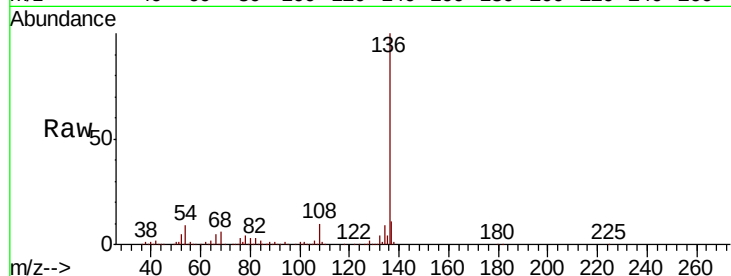




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

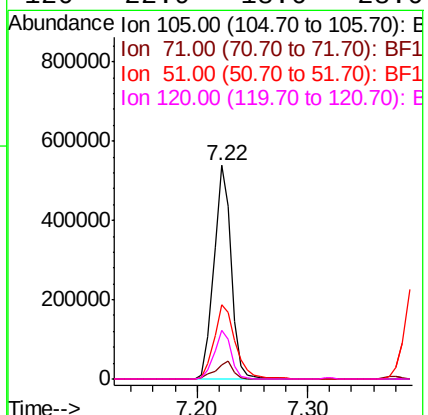
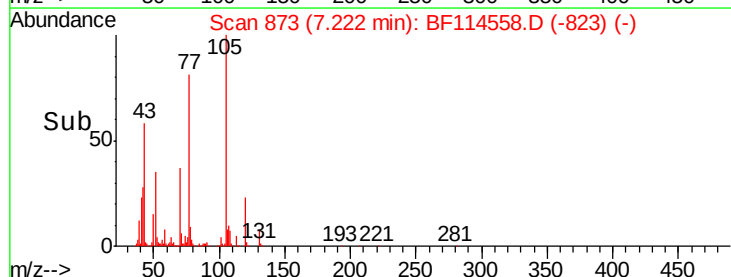
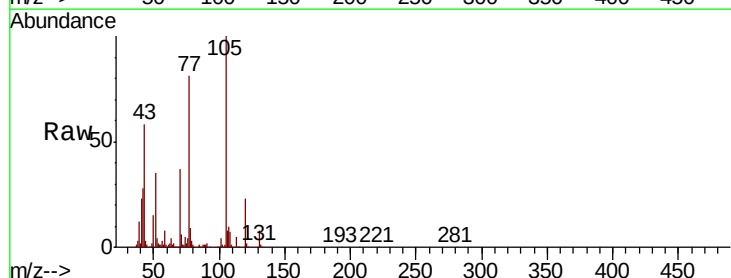
Instrument :
BNA_F
ClientSampleId :
PB119776BS

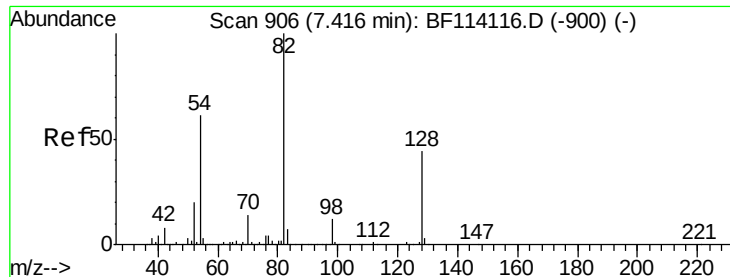
Tot Ion:136	Resp: 566895
Ion Ratio	Lower Upper
136 100	
137 10.8	8.8 13.2
54 9.2	7.8 11.8
68 5.5	5.1 7.7



#22
Acetophenone
Concen: 45.945 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion:105	Resp: 577002
Ion Ratio	Lower Upper
105 100	
71 6.3	5.3 7.9
51 35.0	36.2 54.4
120 22.9	18.6 28.0

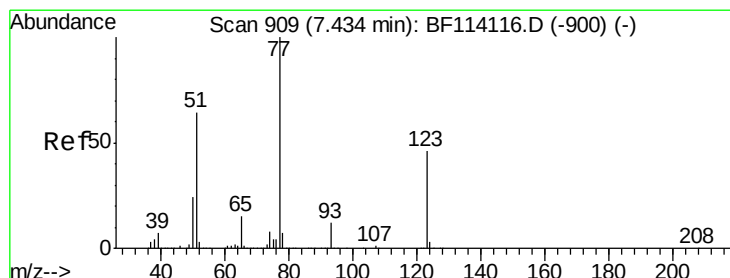
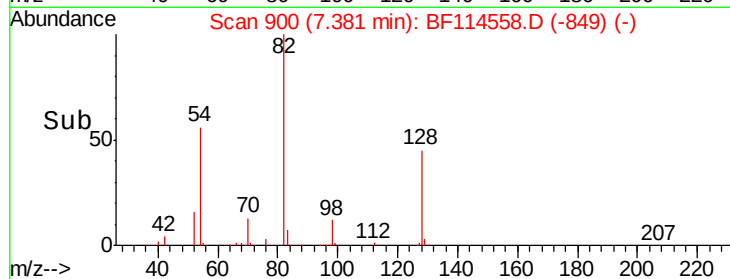
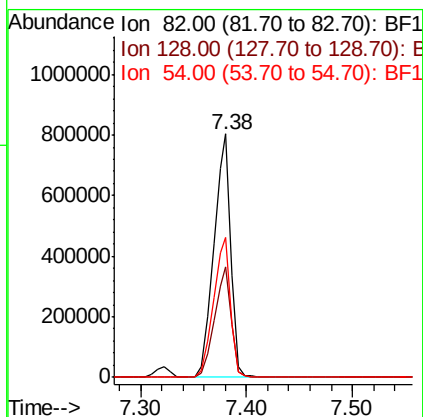
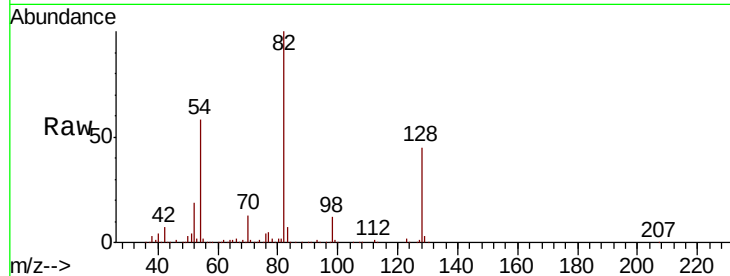




#23
 Nitrobenzene-d5
 Concen: 89.892 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

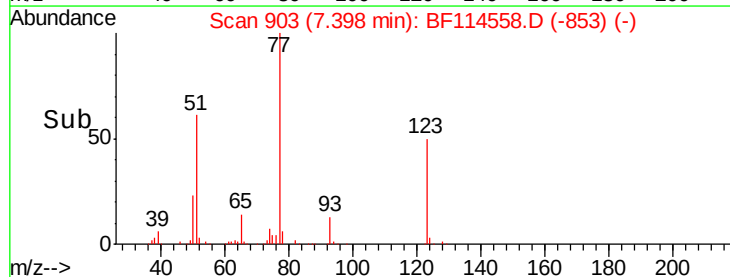
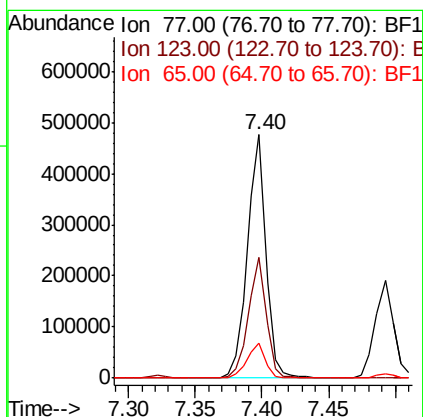
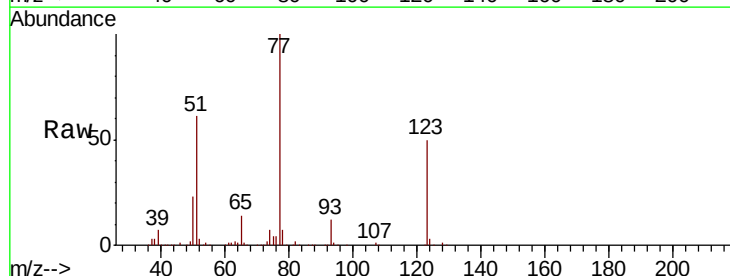
Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

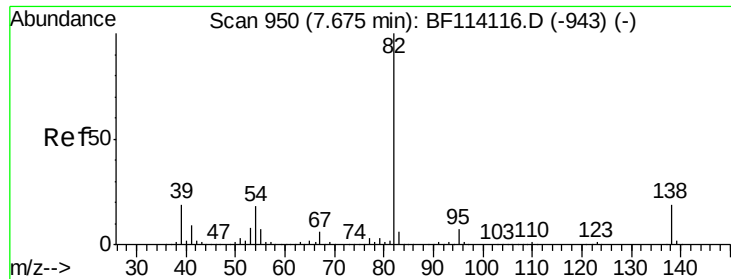
Tot Ion: 82 Resp: 908040
 Ion Ratio Lower Upper
 82 100
 128 45.4 35.5 53.3
 54 57.5 48.5 72.7



#24
 Nitrobenzene
 Concen: 43.740 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Tgt Ion: 77 Resp: 450015
 Ion Ratio Lower Upper
 77 100
 123 49.7 36.9 55.3
 65 14.2 11.8 17.6





#25

Isophorone

Concen: 43.752 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB119776BS

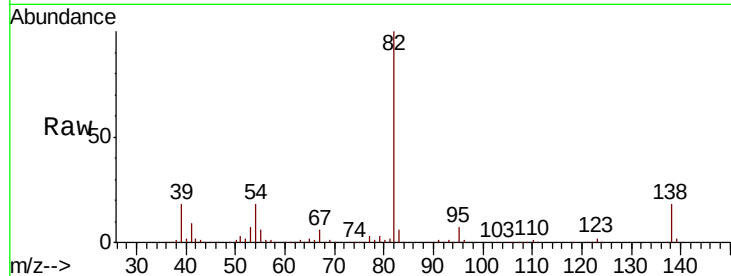
Tot Ion: 82 Resp: 819657

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

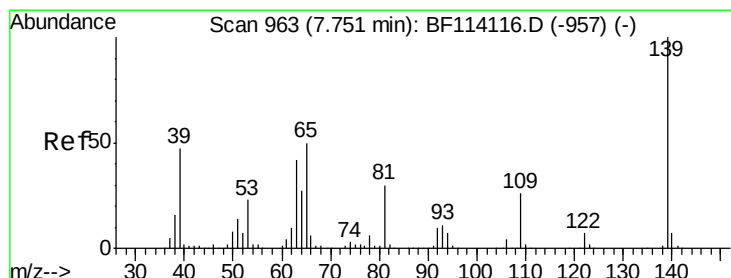
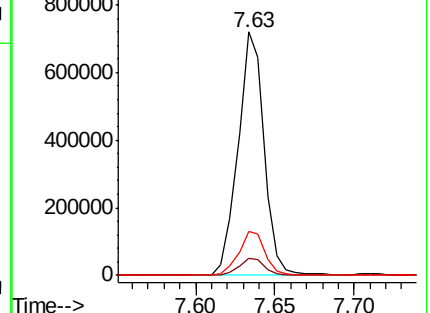
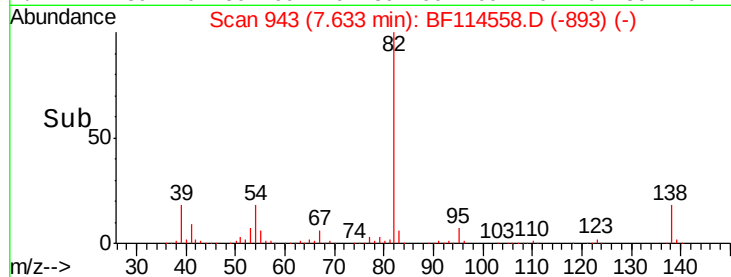
138 18.0 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.446 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

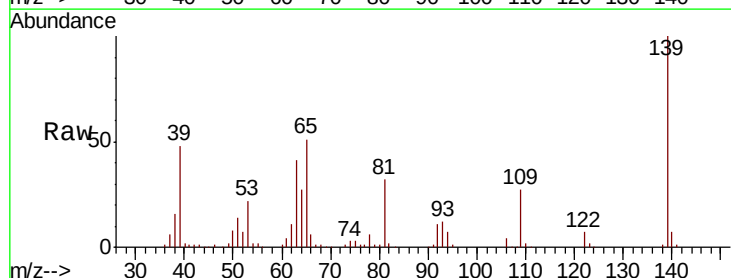
Tgt Ion: 139 Resp: 231838

Ion Ratio Lower Upper

139 100

109 26.6 20.7 31.1

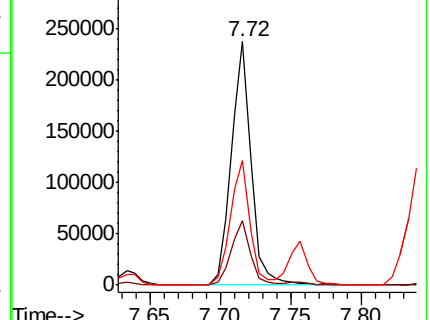
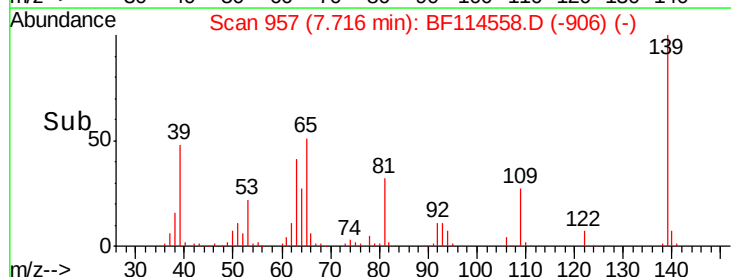
65 51.1 40.2 60.2

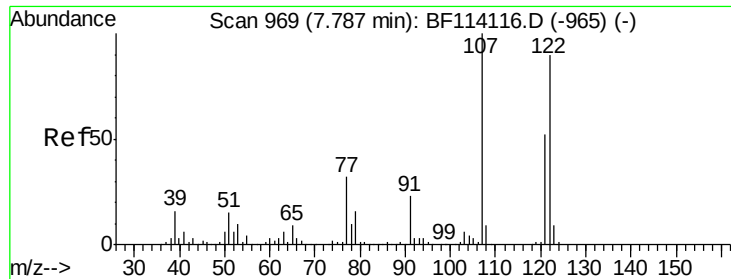


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.283 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB119776BS

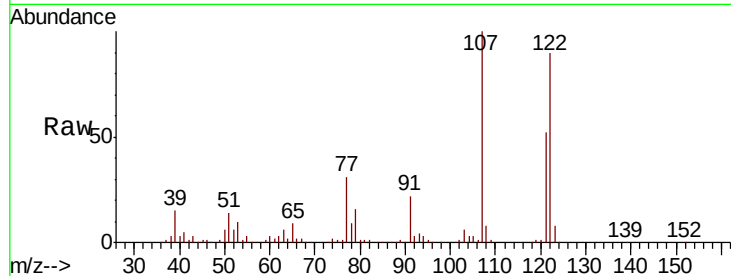
Tot Ion:122 Resp: 378526

Ion Ratio Lower Upper

122 100

107 110.7 88.4 132.6

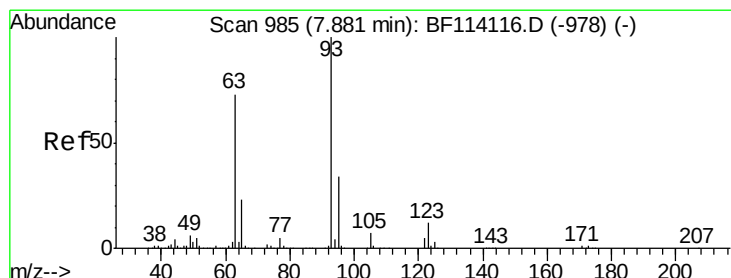
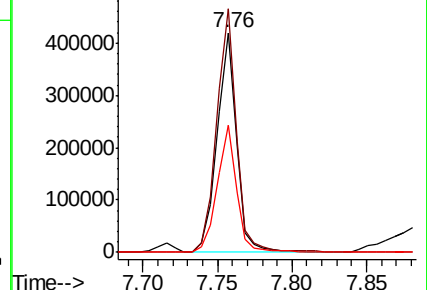
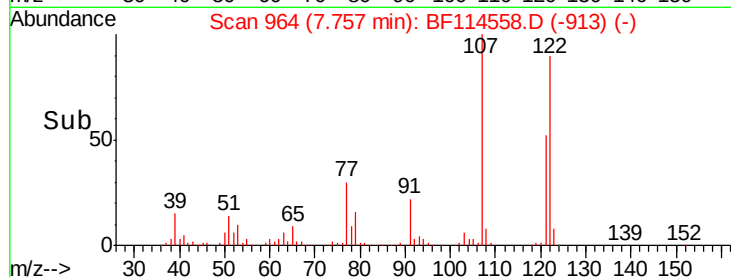
121 57.9 45.9 68.9



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: 42.861 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

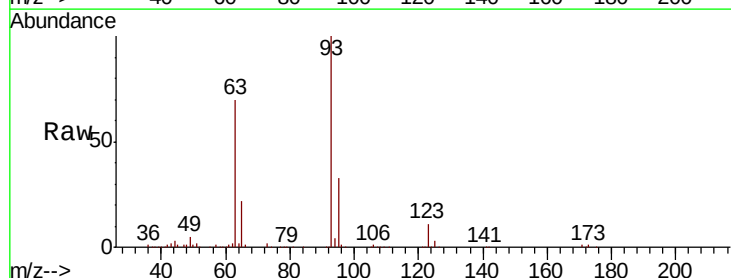
Tgt Ion: 93 Resp: 520990

Ion Ratio Lower Upper

93 100

95 32.6 26.8 40.2

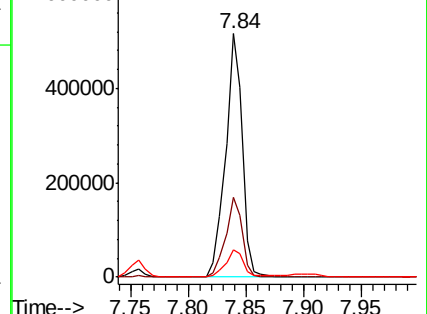
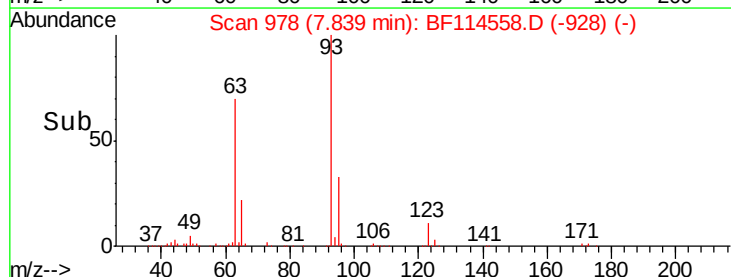
123 11.3 9.5 14.3

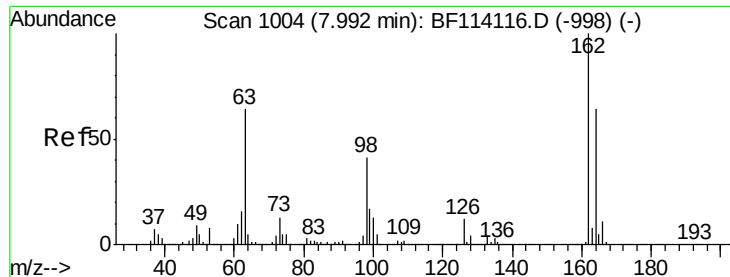


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

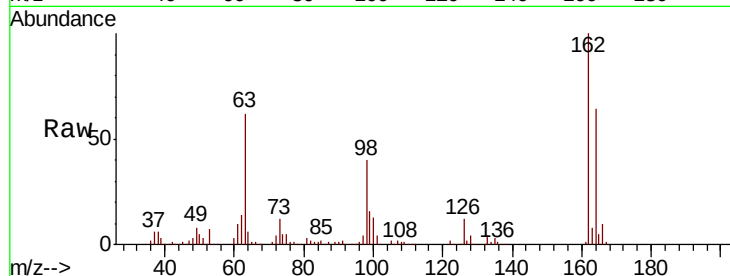




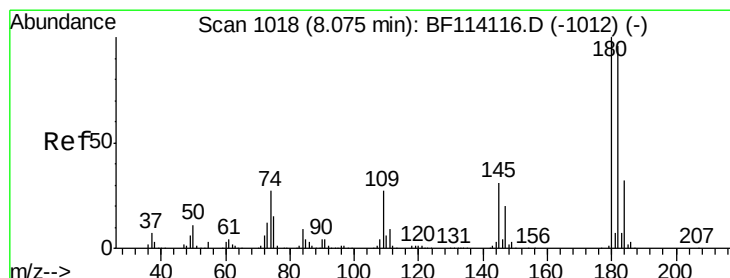
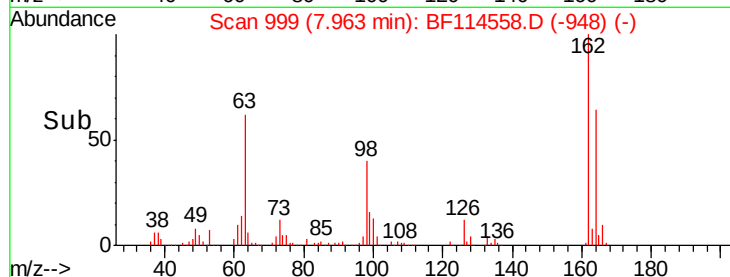
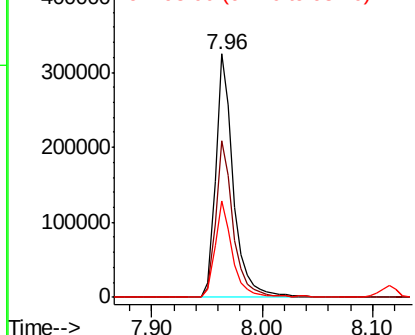
#29
 2,4-Dichlorophenol
 Concen: 46.010 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.6	83.6
98	39.6	20.6	60.6

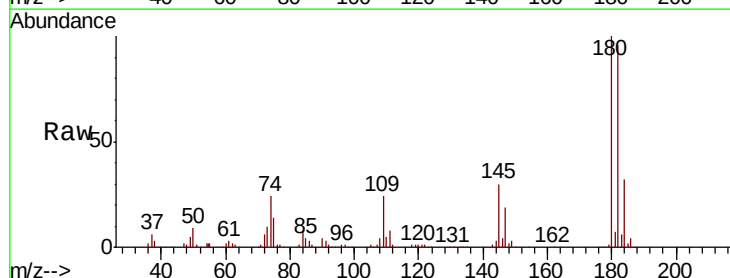


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

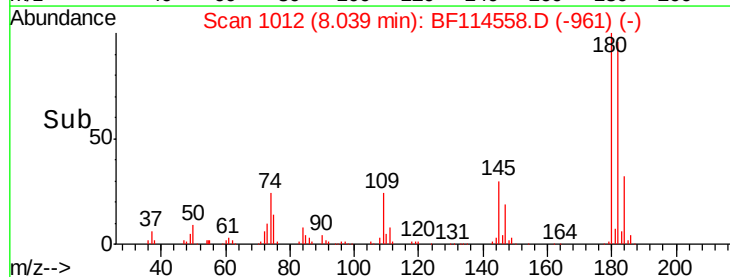
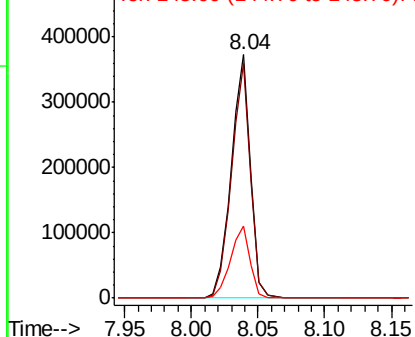


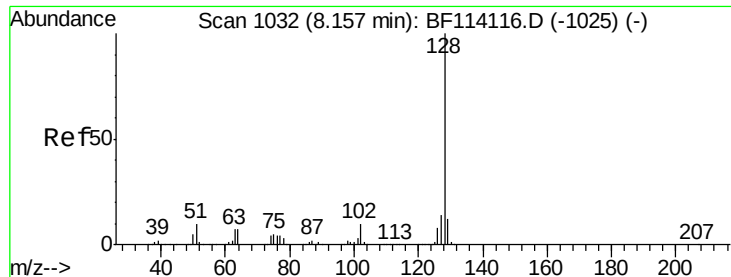
#30
 1,2,4-Trichlorobenzene
 Concen: 42.468 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.6	114.8
145	29.5	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

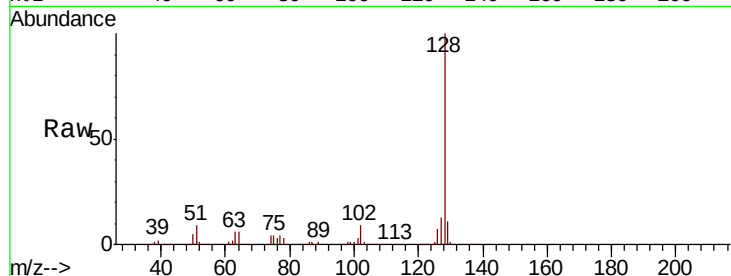




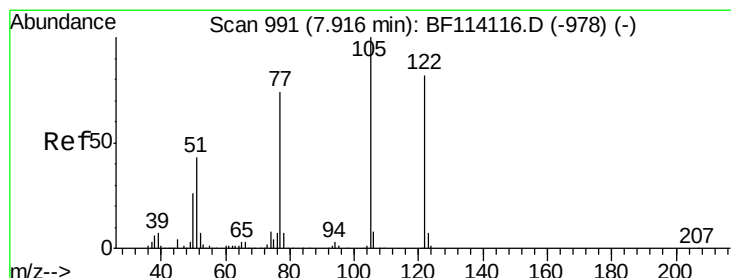
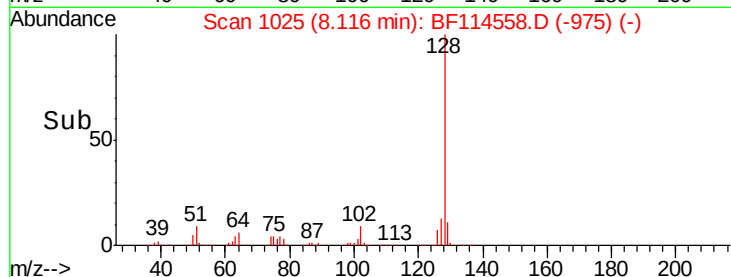
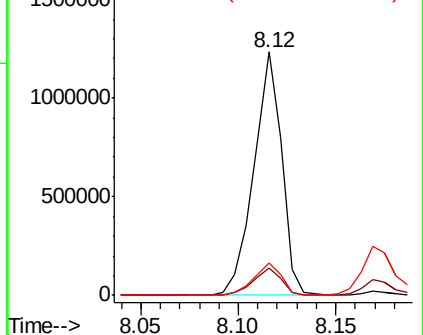
#31
Naphthalene
Concen: 46.054 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion:128 Resp: 1219539
Ion Ratio Lower Upper
128 100
129 11.2 9.6 14.4
127 13.5 11.3 16.9

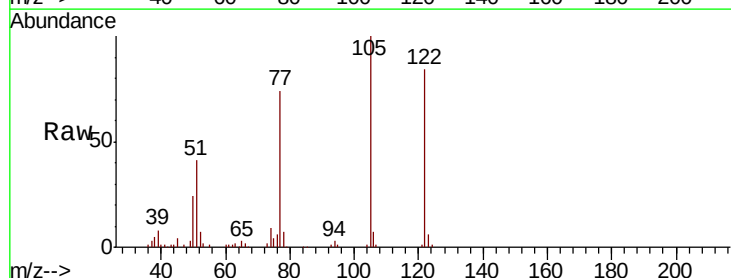


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

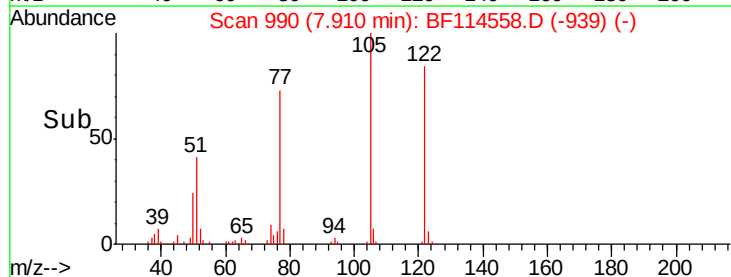
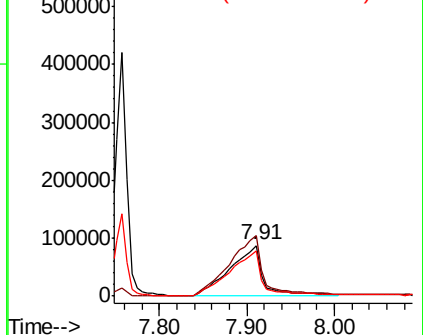


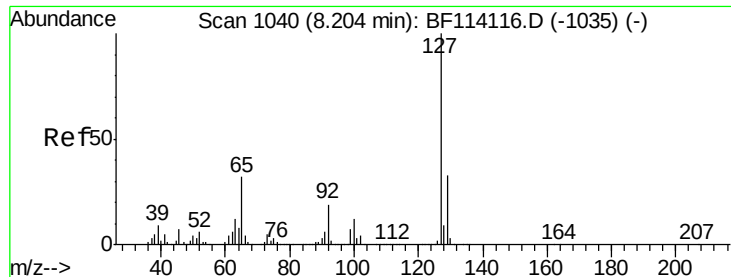
#32
Benzoic acid
Concen: 40.679 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion:122 Resp: 220379
Ion Ratio Lower Upper
122 100
105 119.1 99.9 139.9
77 87.9 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

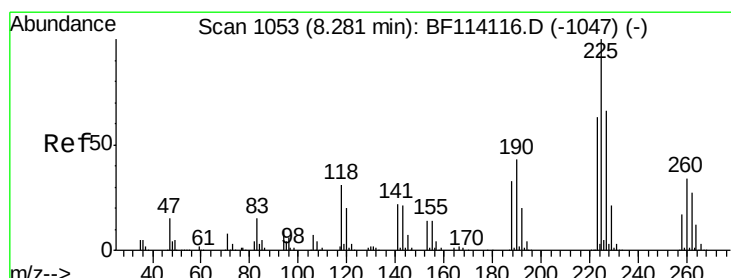
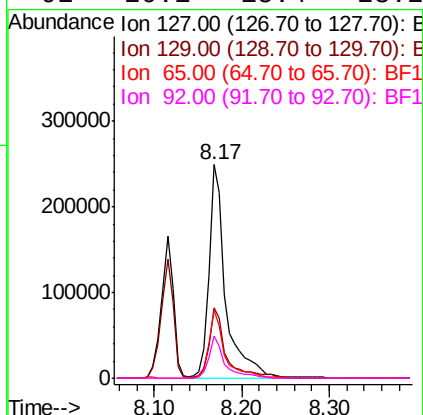
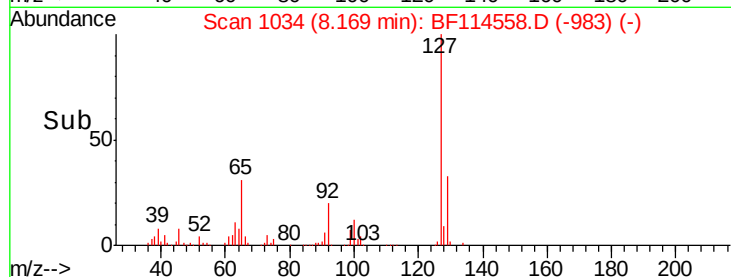
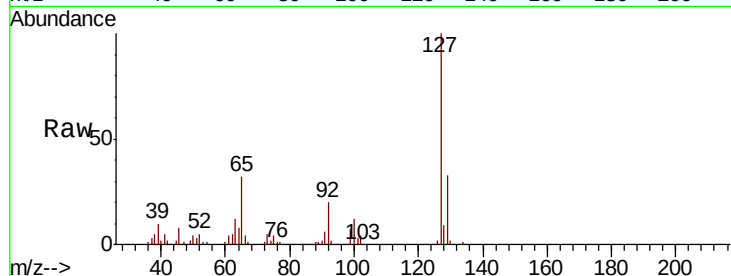




#33
4-Chloroaniline
Concen: 27.547 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

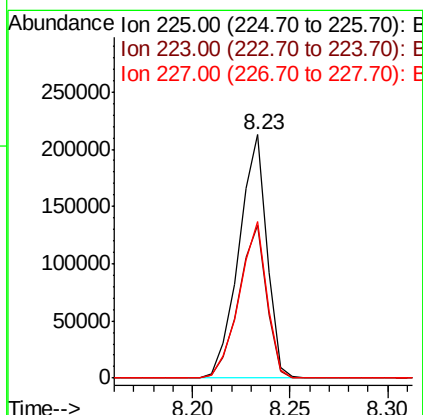
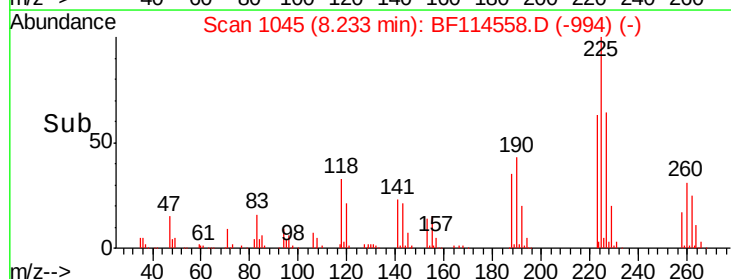
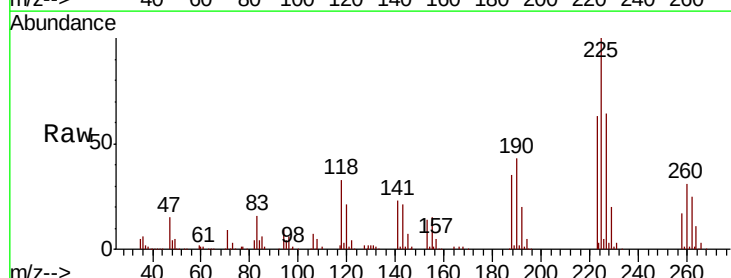
Instrument :
BNA_F
ClientSampleId :
PB119776BS

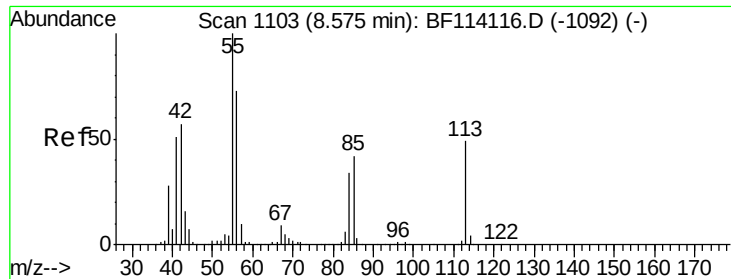
Tot Ion:	127	Resp:	332406
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.7	40.1
65	31.6	25.4	38.0
92	20.1	15.4	23.2



#34
Hexachlorobutadiene
Concen: 41.890 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion:	225	Resp:	211580
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	64.1	52.6	79.0

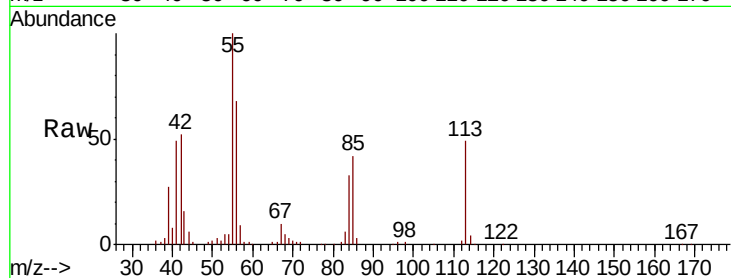




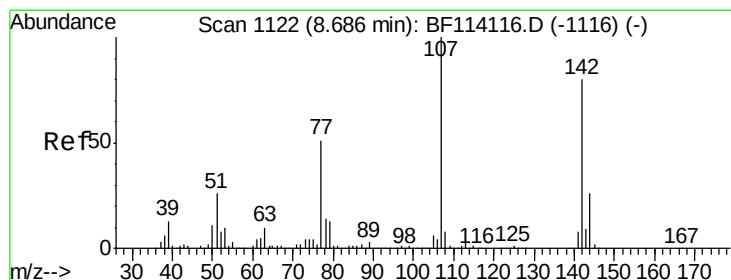
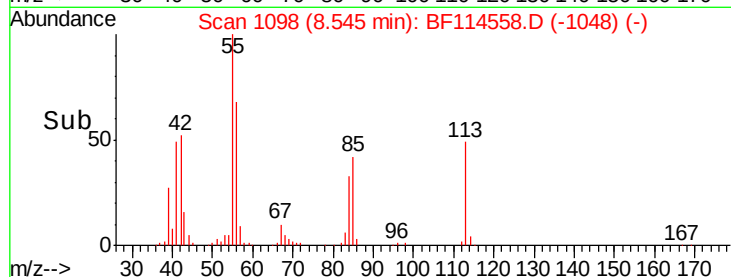
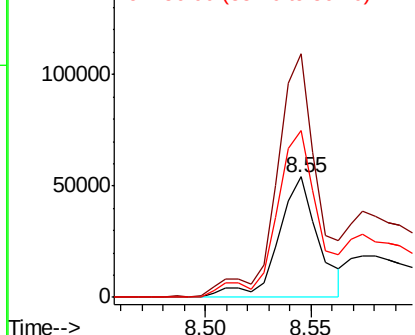
#35
Caprolactam
Concen: 27.986 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion:113 Resp: 71239
Ion Ratio Lower Upper
113 100
55 202.1 183.5 223.5
56 138.2 128.8 168.8

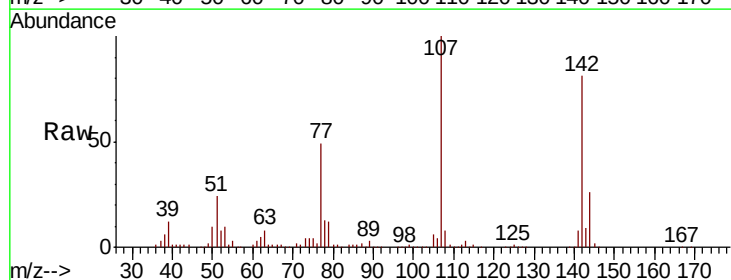


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

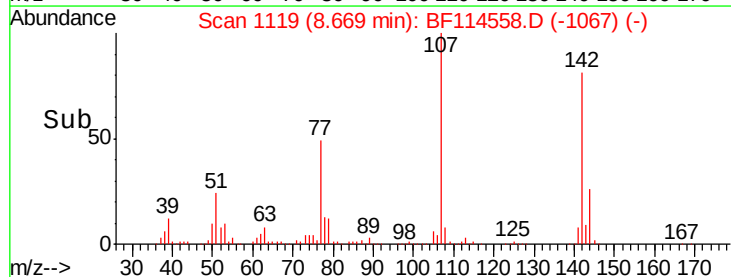
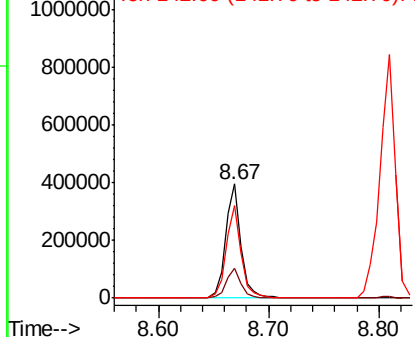


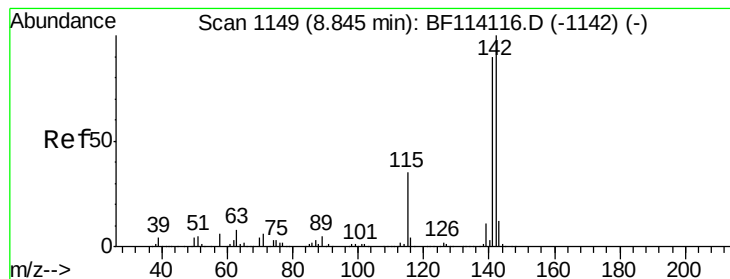
#36
4-Chloro-3-methylphenol
Concen: 48.820 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion:107 Resp: 383622
Ion Ratio Lower Upper
107 100
144 26.0 20.4 30.6
142 81.3 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: 48.490 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB119776BS

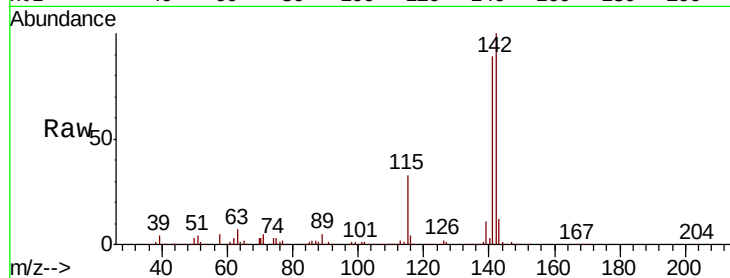
Tot Ion:142 Resp: 828451

Ion Ratio Lower Upper

142 100

141 88.9 72.1 108.1

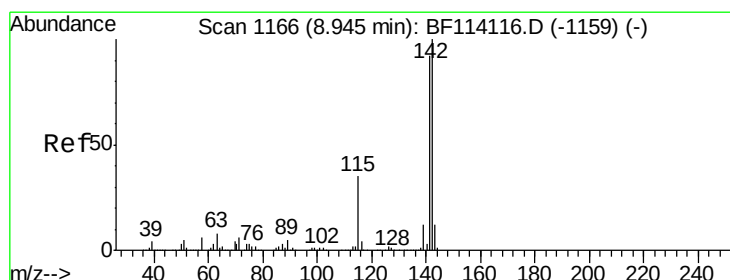
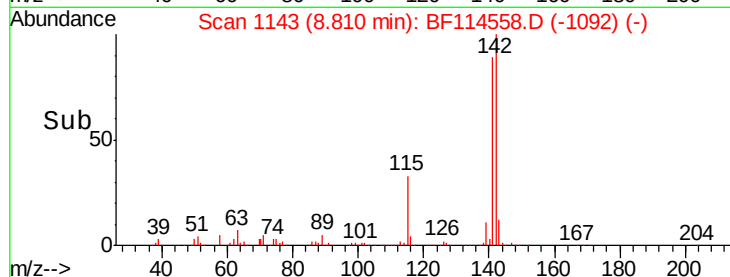
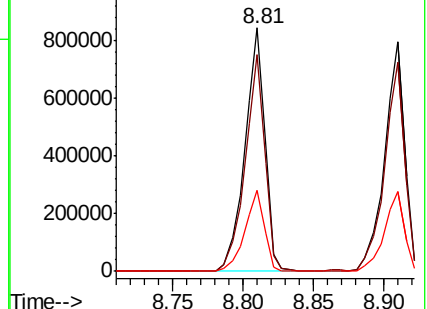
115 33.2 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.618 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

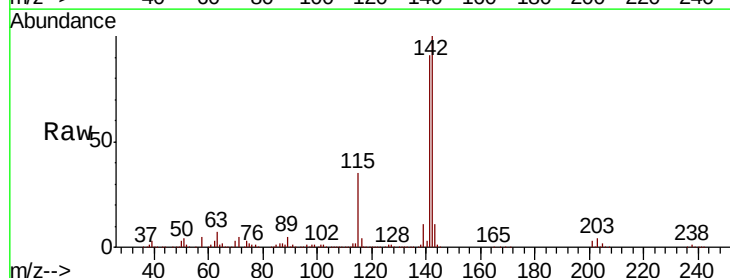
Tgt Ion:142 Resp: 782235

Ion Ratio Lower Upper

142 100

141 90.9 73.4 110.0

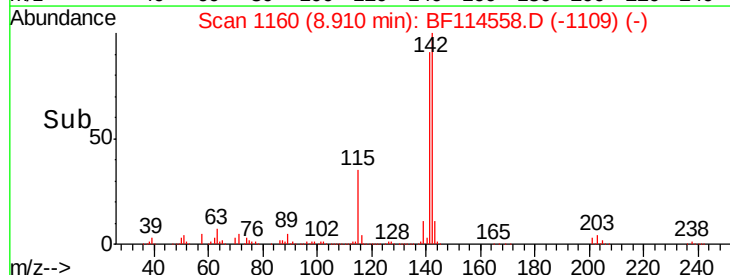
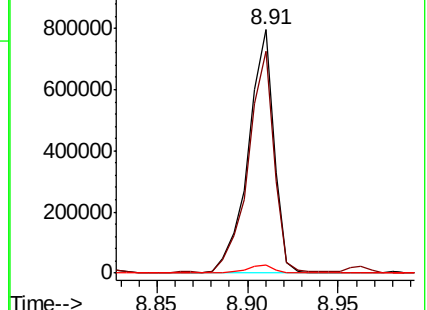
116 3.6 3.1 4.7

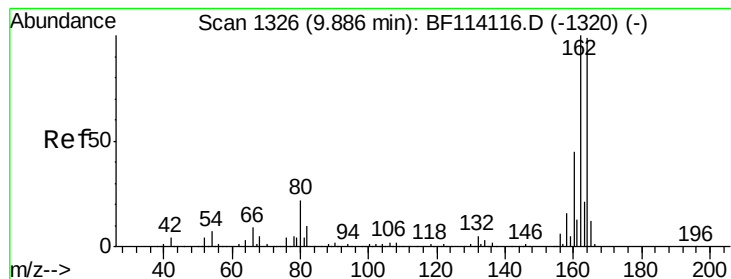


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB119776BS

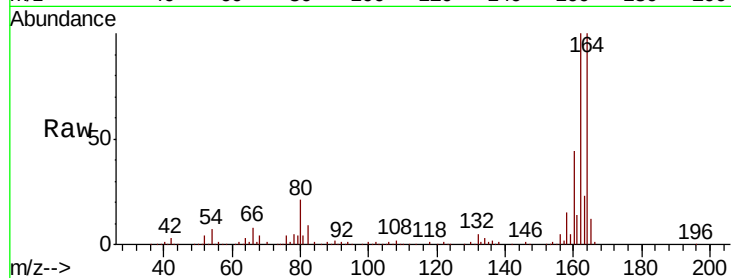
Tot Ion:164 Resp: 280331

Ion Ratio Lower Upper

164 100

162 100.4 80.6 120.8

160 44.6 36.5 54.7

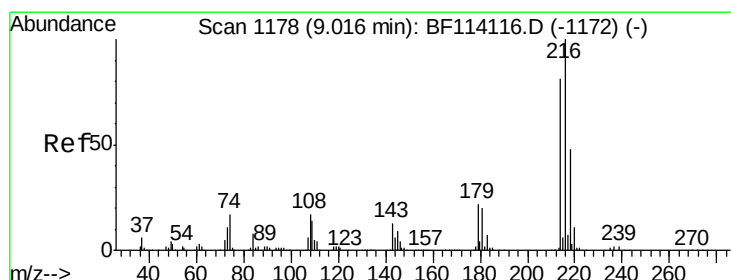
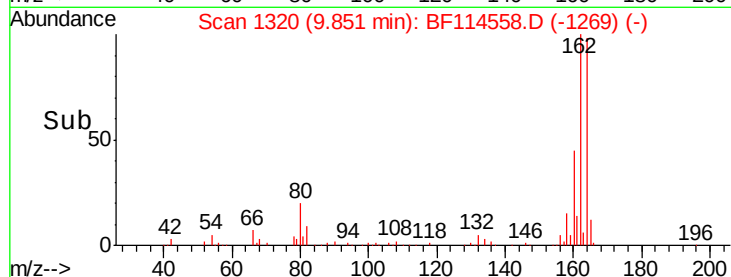
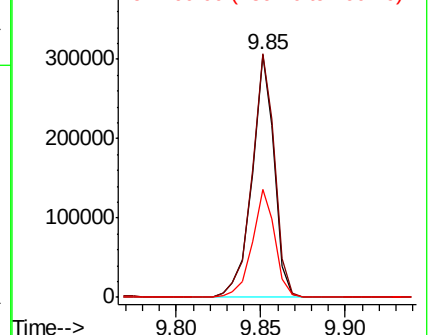


Abundance

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: 44.446 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Tgt Ion:216 Resp: 377428

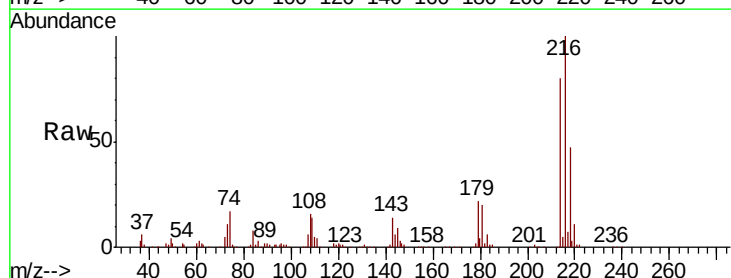
Ion Ratio Lower Upper

216 100

214 79.6 63.9 95.9

179 21.0 17.0 25.6

108 17.8 14.8 22.2



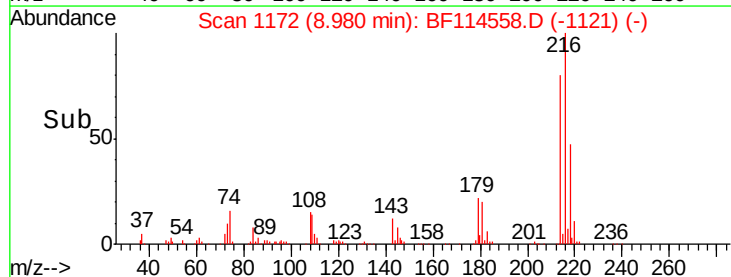
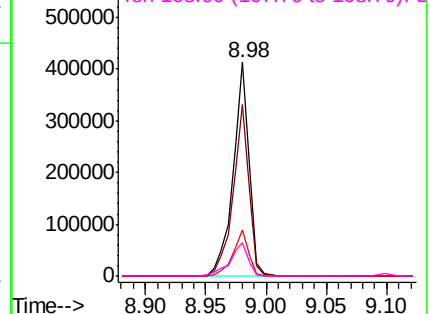
Abundance

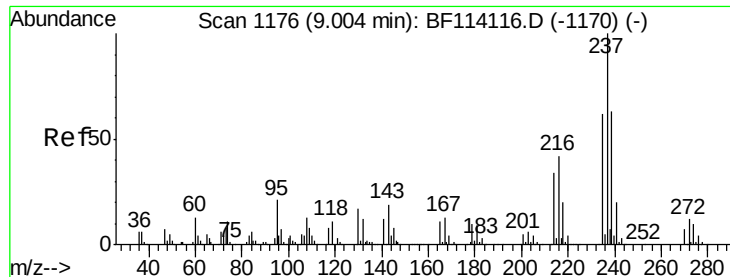
Ion 216.00 (215.70 to 216.70): E

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: 38.510 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB119776BS

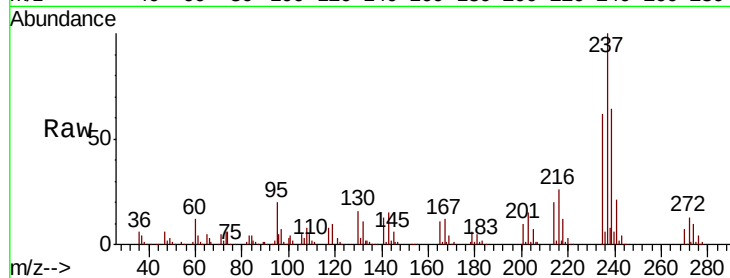
Tot Ion:237 Resp: 142975

Ion Ratio Lower Upper

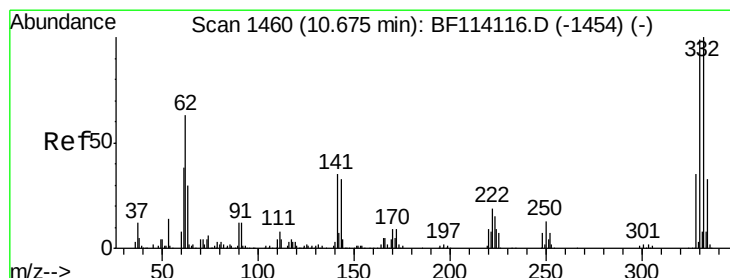
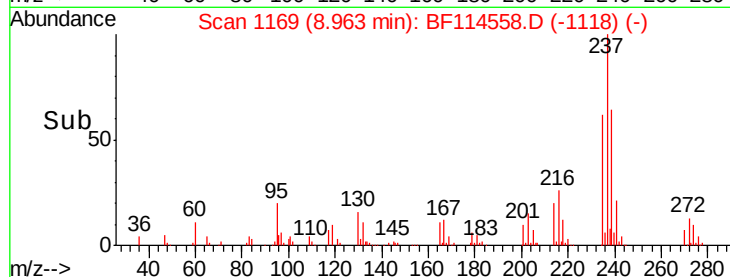
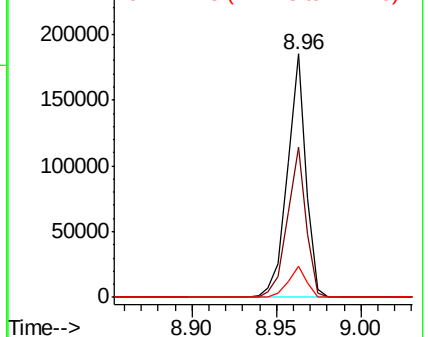
237 100

235 61.9 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: 133.319 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

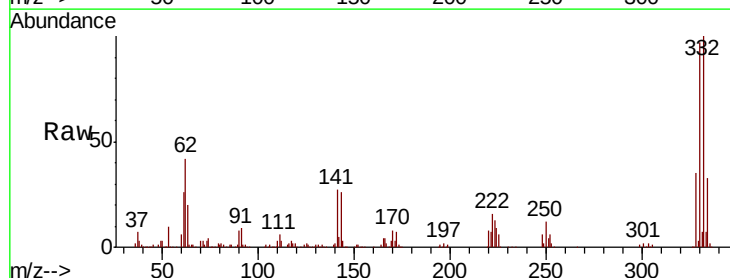
Tgt Ion:330 Resp: 386380

Ion Ratio Lower Upper

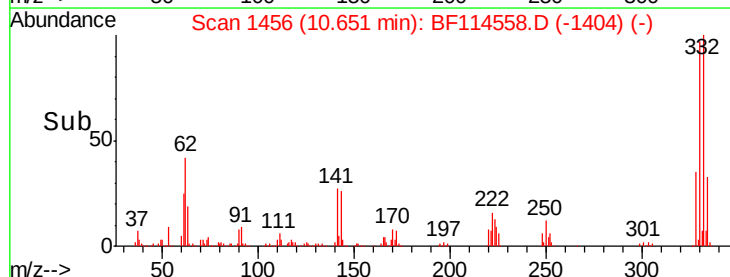
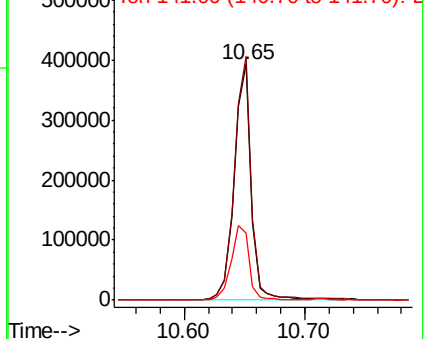
330 100

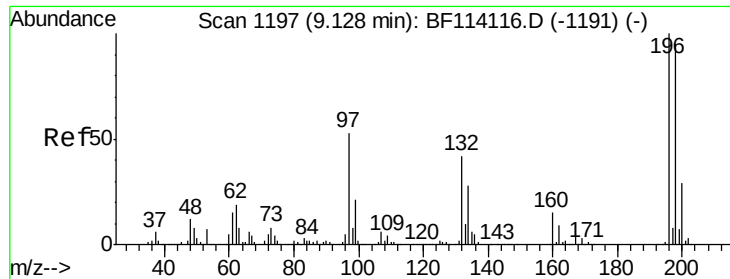
332 104.1 81.4 122.2

141 33.4 26.6 40.0



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

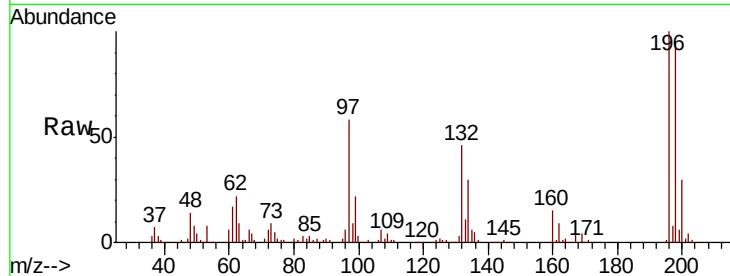




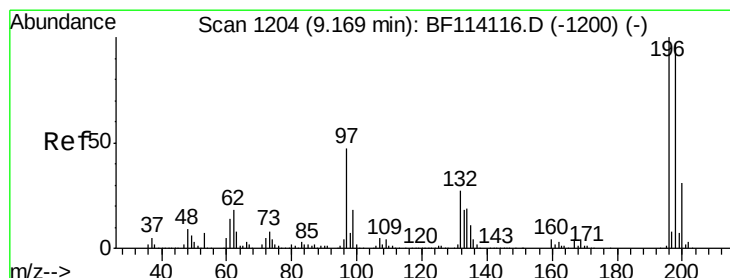
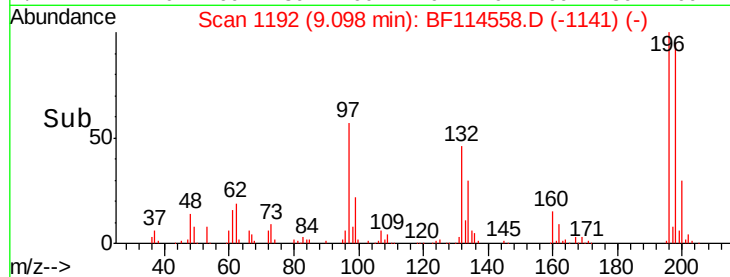
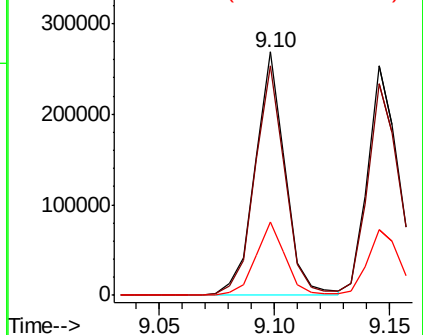
#43
 2,4,6-Trichlorophenol
 Concen: 41.736 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion:196 Resp: 243776
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.9 113.9
 200 30.1 23.5 35.3

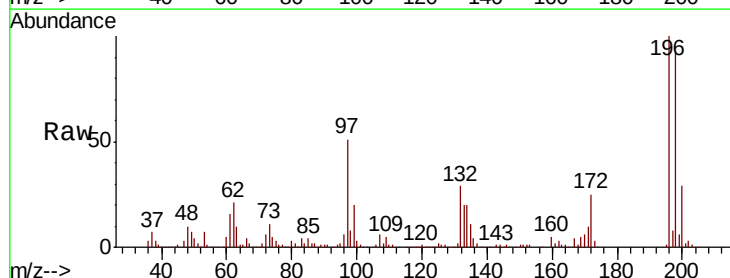


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

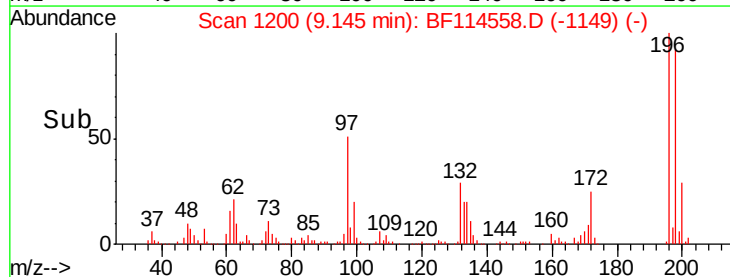
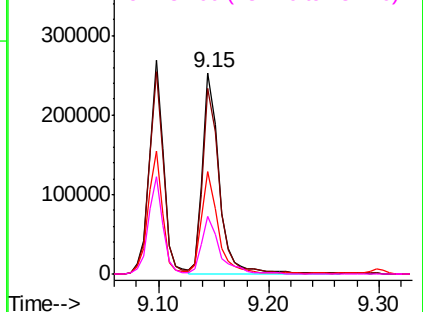


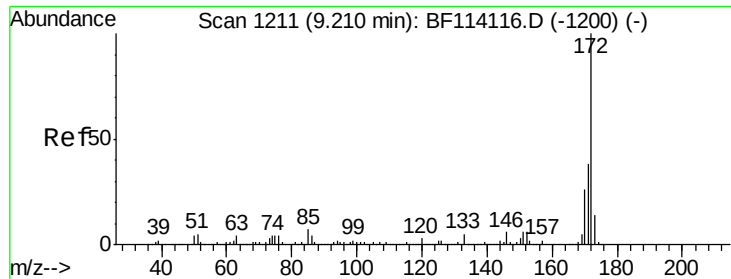
#44
 2,4,5-Trichlorophenol
 Concen: 42.781 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Tgt Ion:196 Resp: 256264
 Ion Ratio Lower Upper
 196 100
 198 92.1 77.7 116.5
 97 50.8 38.2 57.2
 132 28.8 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

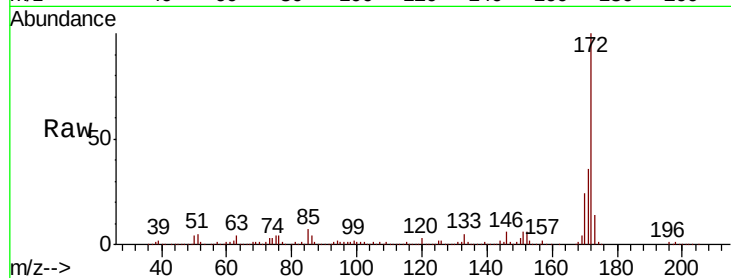




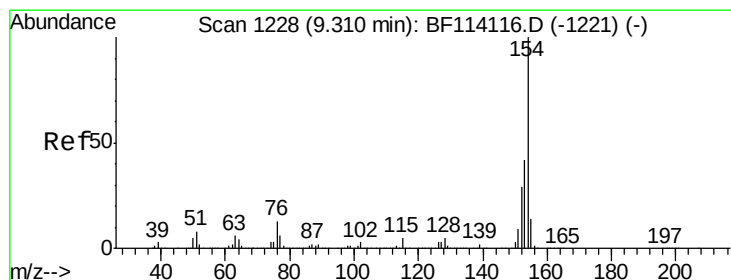
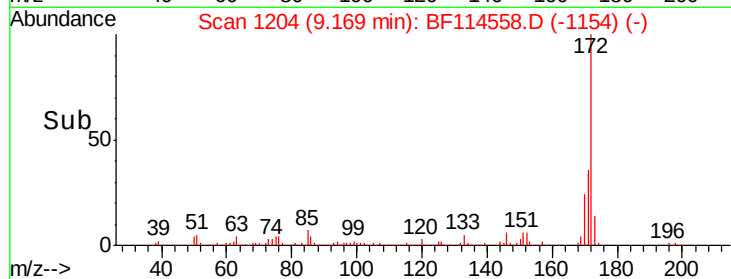
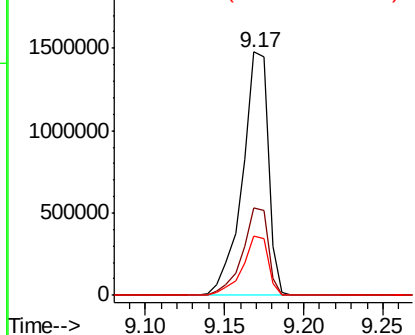
#45
2-Fluorobiphenyl
Concen: 90.109 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion:172 Resp: 1669920
Ion Ratio Lower Upper
172 100
171 36.1 30.7 46.1
170 24.1 20.5 30.7

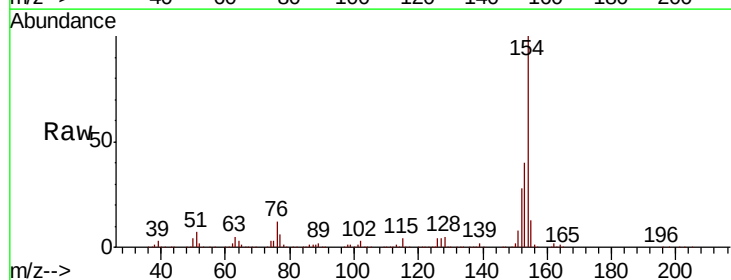


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

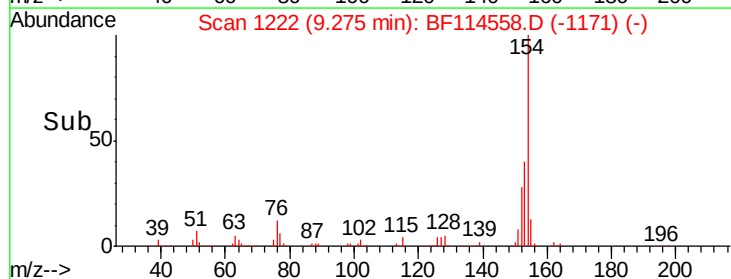
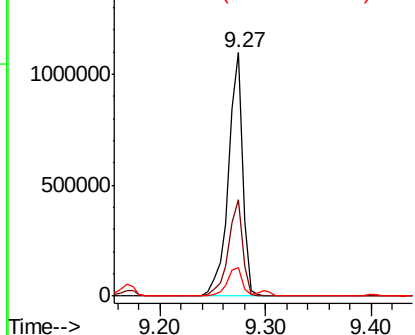


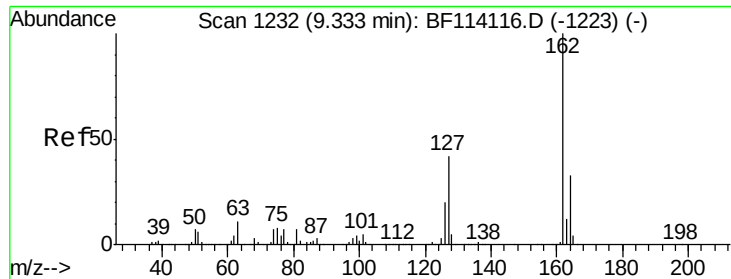
#46
1,1'-Biphenyl
Concen: 44.956 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion:154 Resp: 1018112
Ion Ratio Lower Upper
154 100
153 39.8 21.9 61.9
76 11.5 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
1500000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

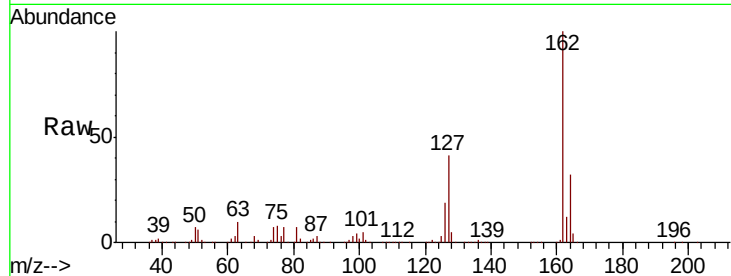




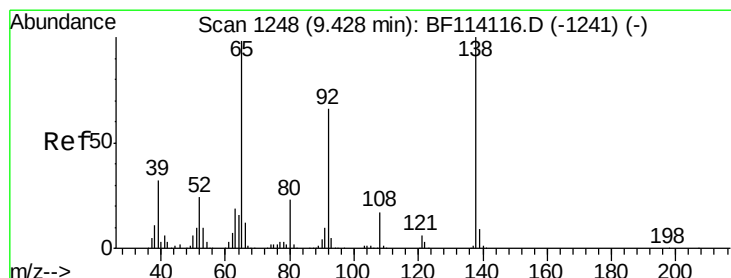
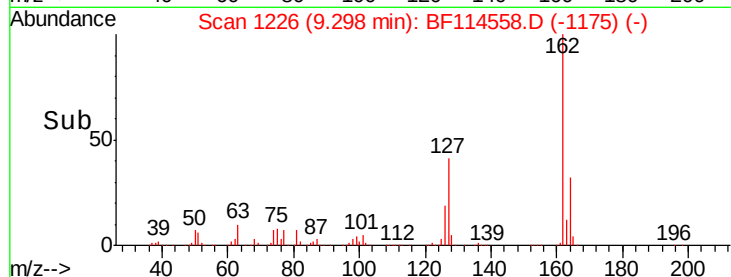
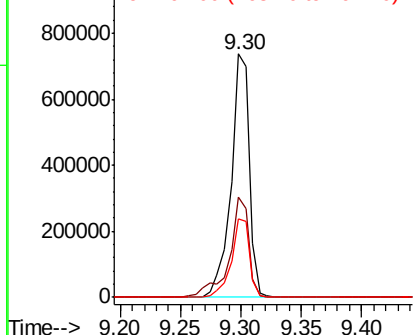
#47
 2-Chloronaphthalene
 Concen: 42.767 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	34.0	51.0
164	32.4	26.7	40.1

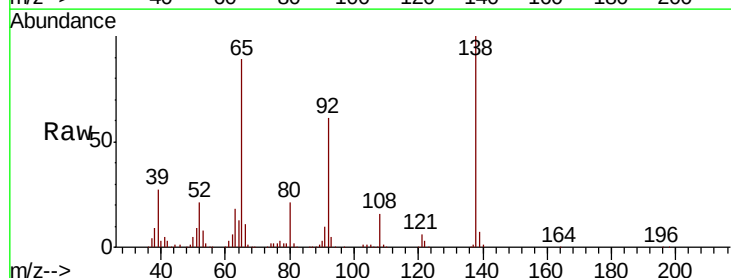


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

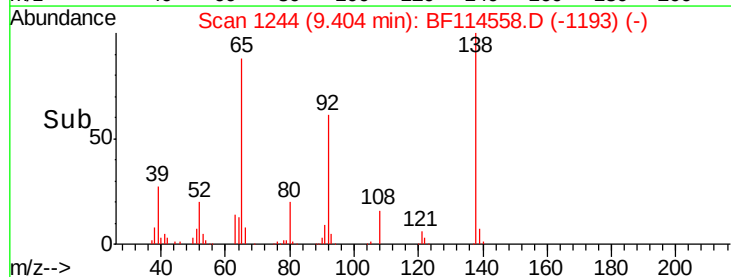
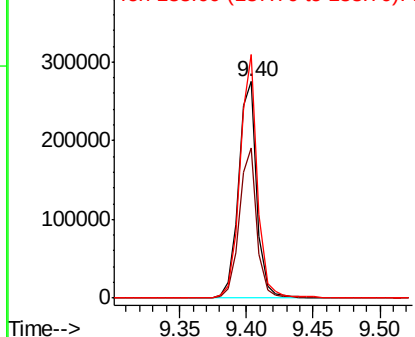


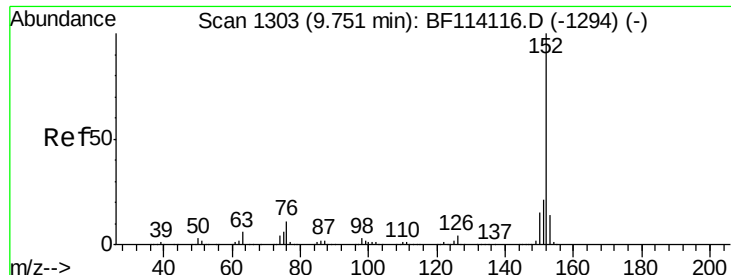
#48
 2-Nitroaniline
 Concen: 40.833 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	53.9	80.9
138	112.4	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: 44.636 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB119776BS

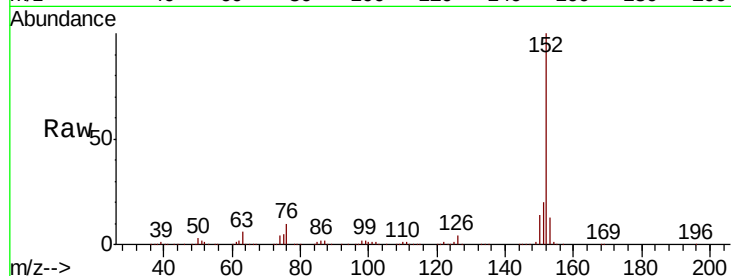
Tot Ion:152 Resp: 1237352

Ion Ratio Lower Upper

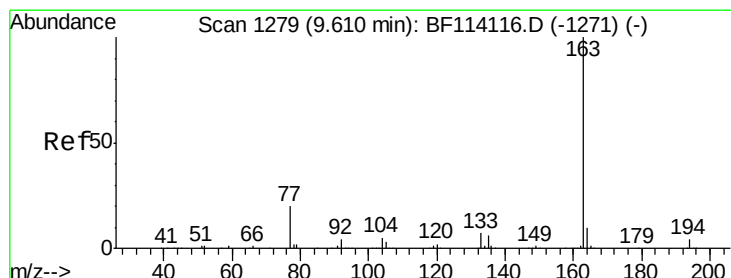
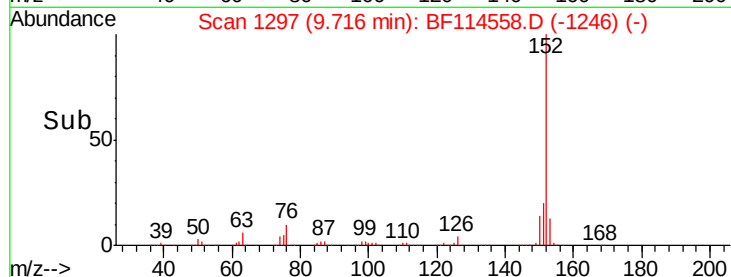
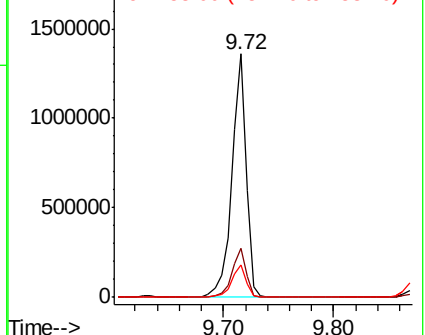
152 100

151 20.0 16.8 25.2

153 13.3 11.4 17.2



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



#50

Dimethylphthalate

Concen: 44.271 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

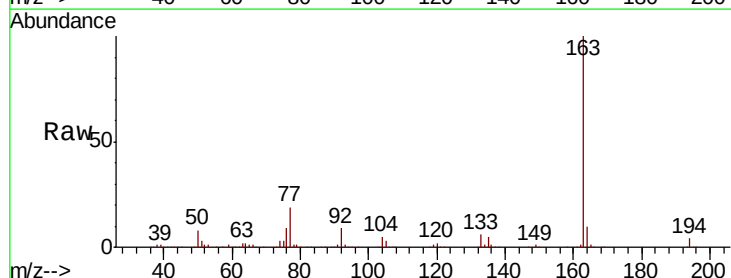
Tgt Ion:163 Resp: 911041

Ion Ratio Lower Upper

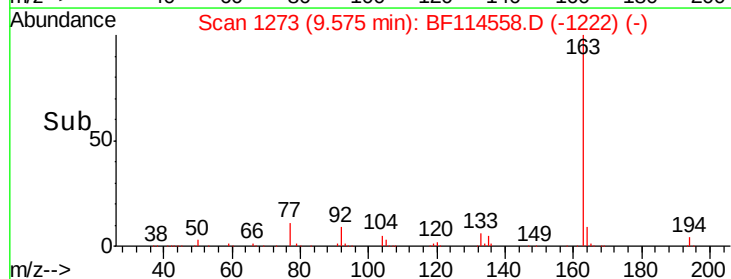
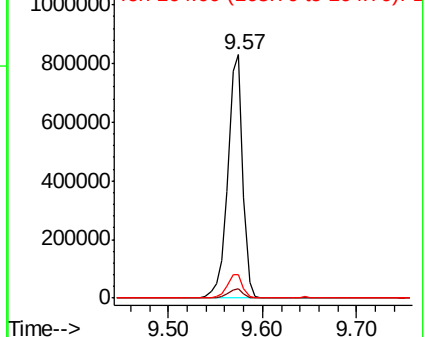
163 100

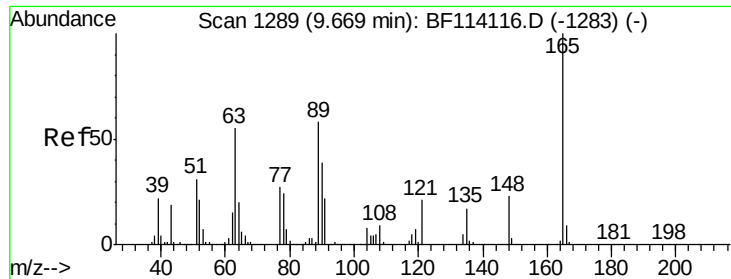
194 3.9 3.4 5.0

164 9.6 8.2 12.2



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





#51

2,6-Dinitrotoluene

Concen: 44.122 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB119776BS

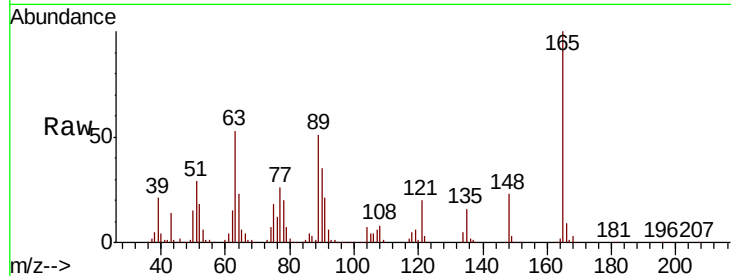
Tot Ion:165 Resp: 201391

Ion Ratio Lower Upper

165 100

63 52.8 50.2 75.4

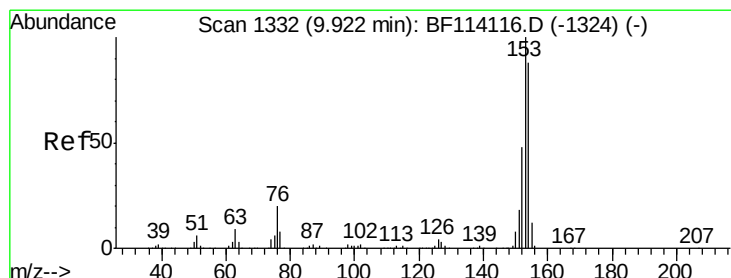
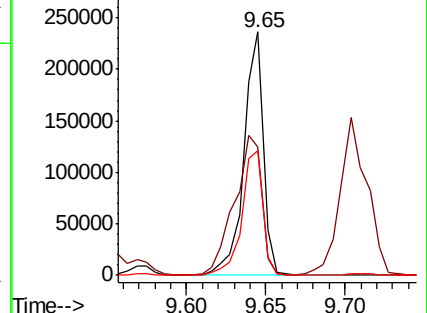
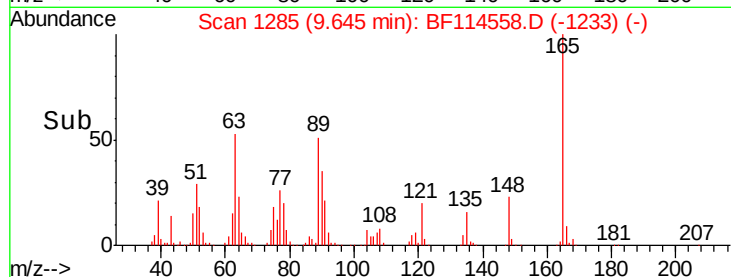
89 51.2 46.6 69.8



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: 42.523 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

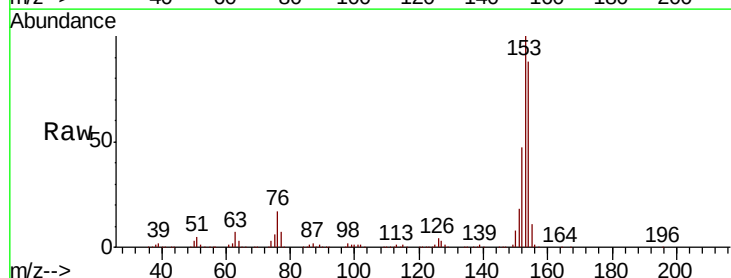
Tgt Ion:154 Resp: 723345

Ion Ratio Lower Upper

154 100

153 113.6 90.5 135.7

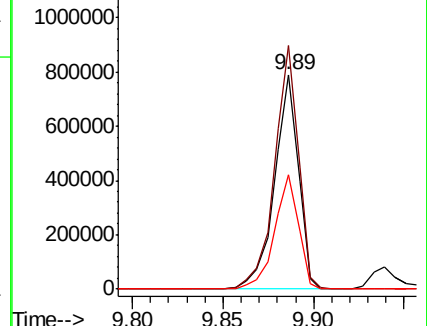
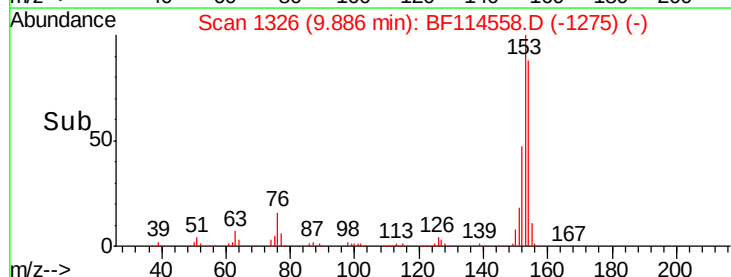
152 53.3 43.4 65.2

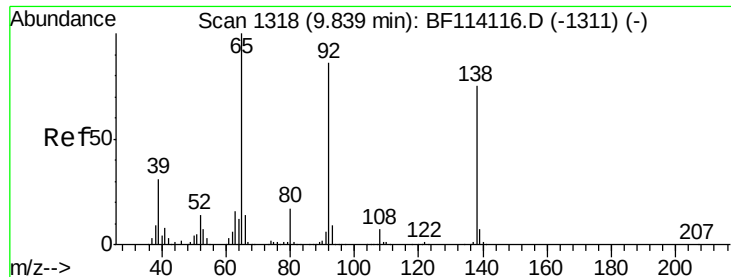


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

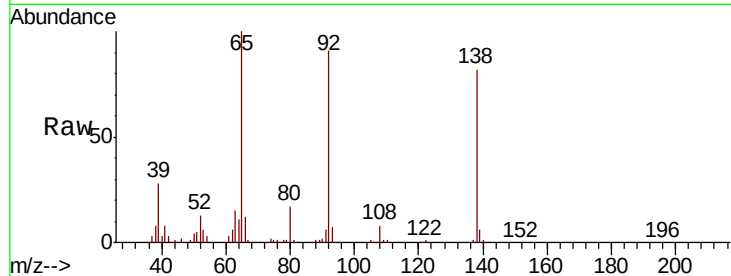




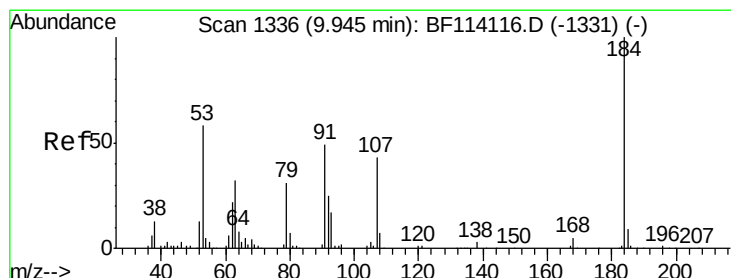
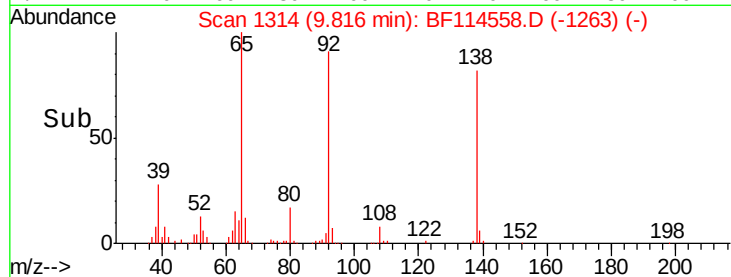
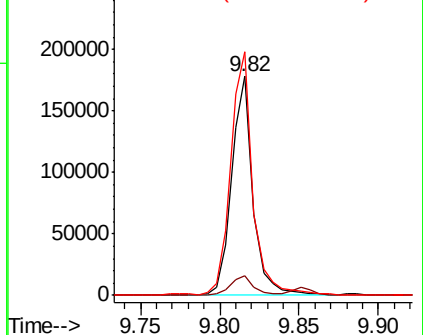
#53
3-Nitroaniline
Concen: 29.387 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion:138 Resp: 166506
Ion Ratio Lower Upper
138 100
108 9.2 7.8 11.6
92 111.1 91.2 136.8

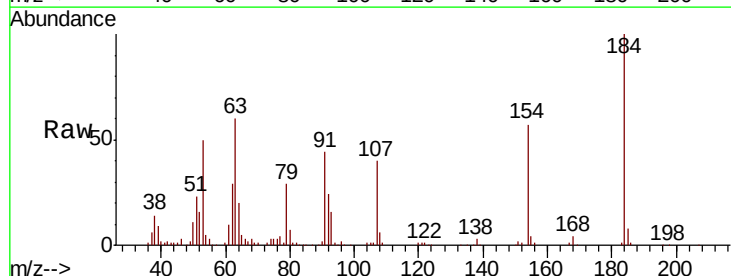


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

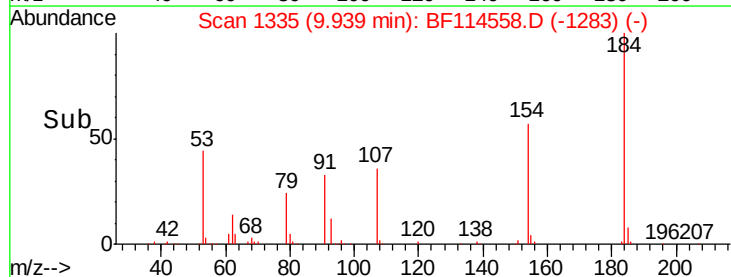
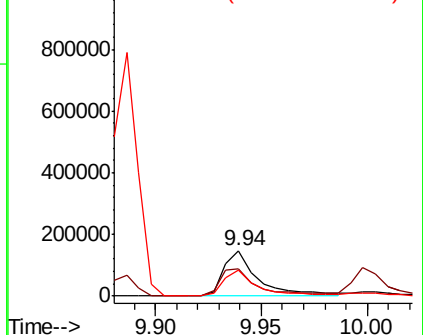


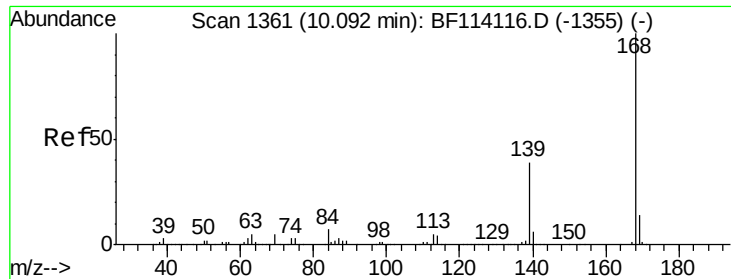
#54
2,4-Dinitrophenol
Concen: 73.393 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion:184 Resp: 167052
Ion Ratio Lower Upper
184 100
63 60.1 55.6 83.4
154 56.8 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

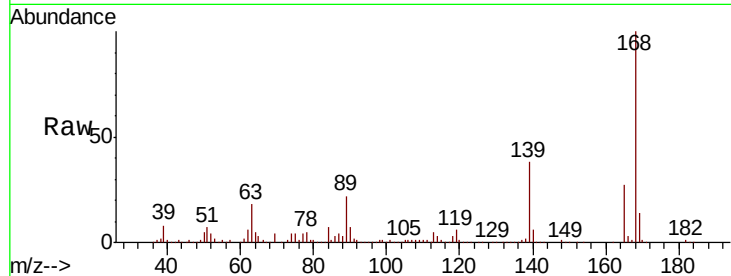




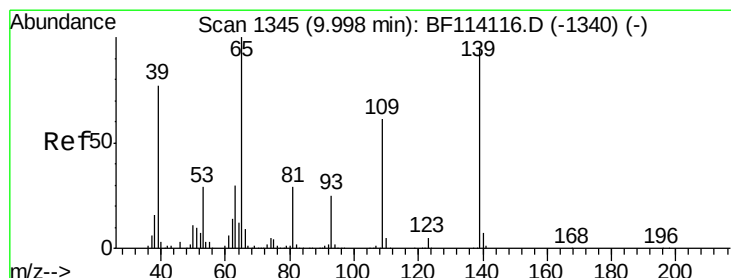
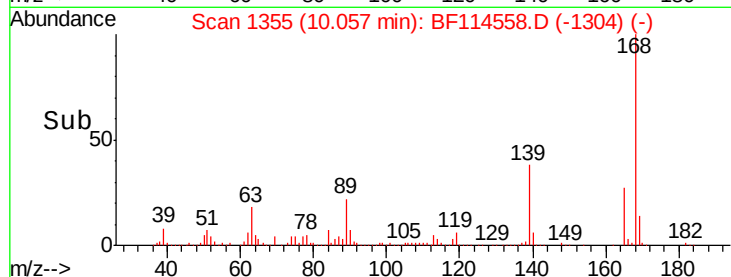
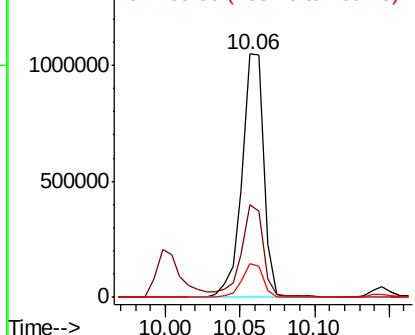
#55
Dibenzenofuran
Concen: 42.584 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion:168 Resp: 1062199
Ion Ratio Lower Upper
168 100
139 38.1 31.1 46.7
169 13.7 11.4 17.0

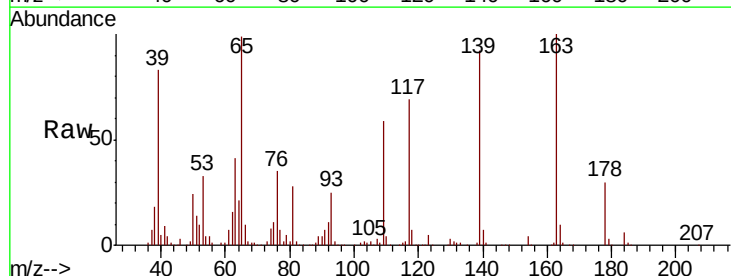


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

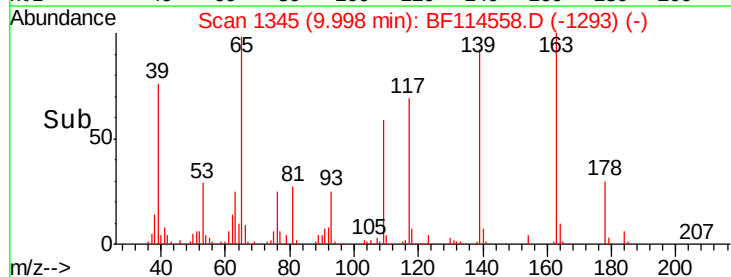
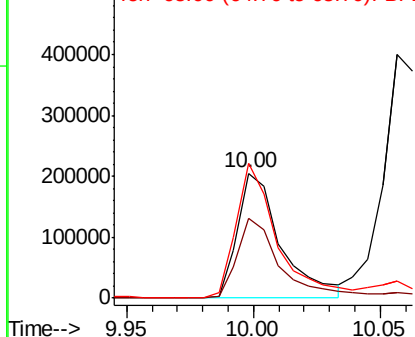


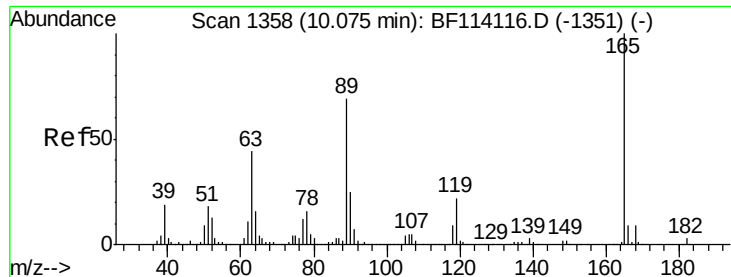
#56
4-Nitrophenol
Concen: 61.038 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion:139 Resp: 244573
Ion Ratio Lower Upper
139 100
109 64.3 43.9 83.9
65 107.8 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

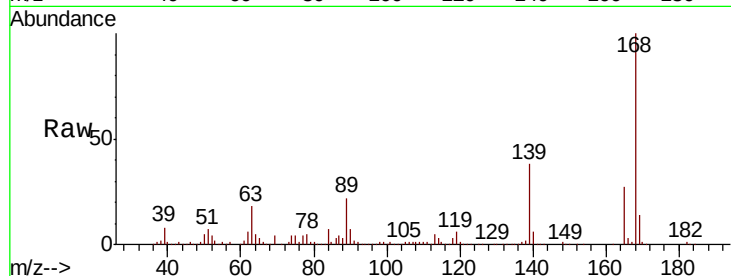




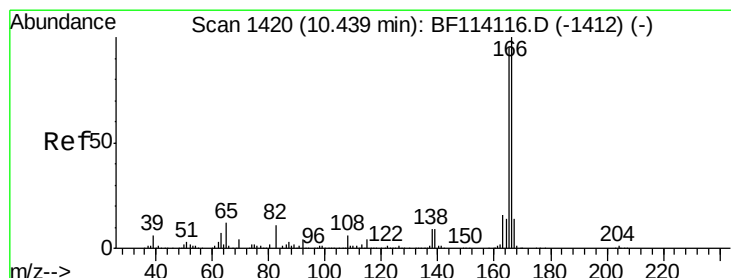
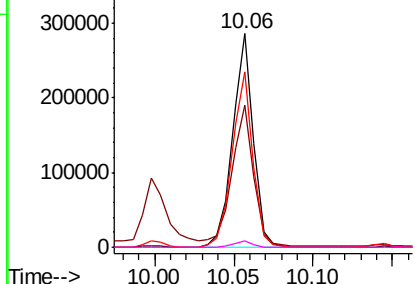
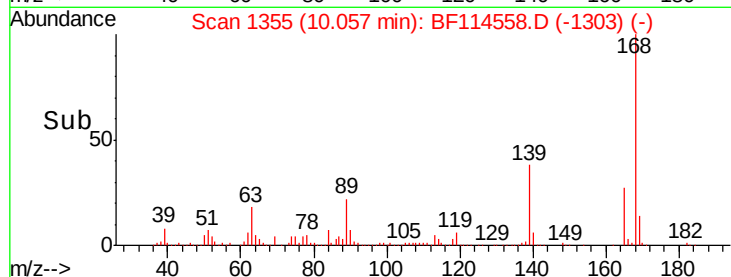
#57
 2,4-Dinitrotoluene
 Concen: 41.451 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.01 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	66.6	35.5	53.3	
89	82.1	55.2	82.8	
182	2.8	2.2	3.2	

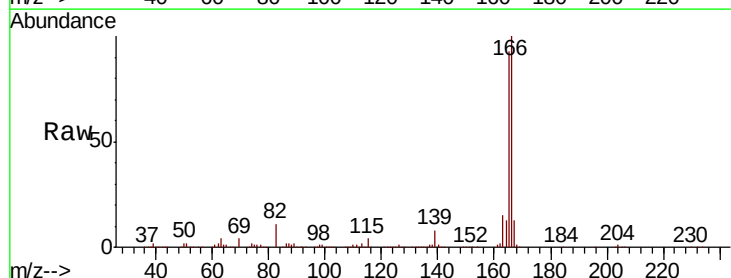


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

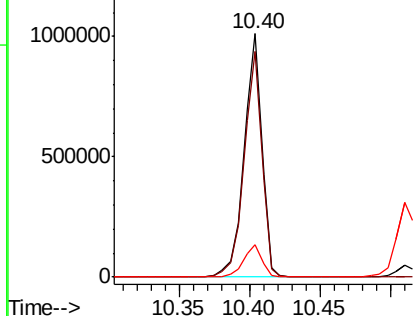
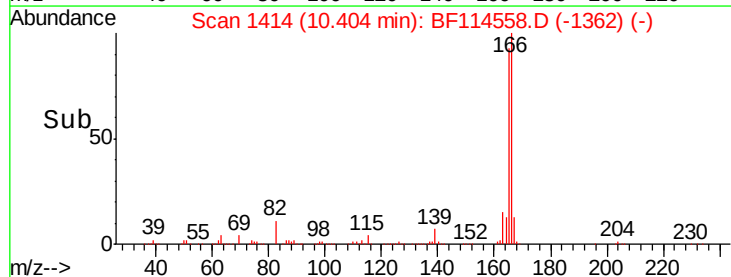


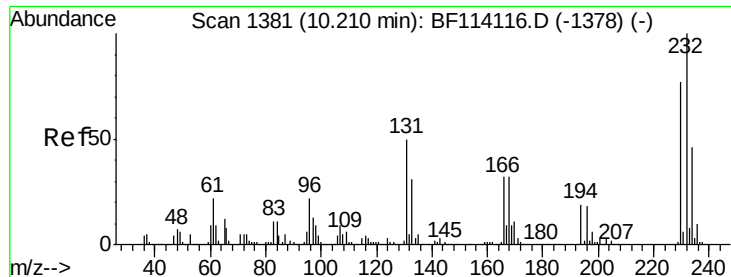
#58
 Fluorene
 Concen: 45.945 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	92.6	76.1	114.1	
167	13.3	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

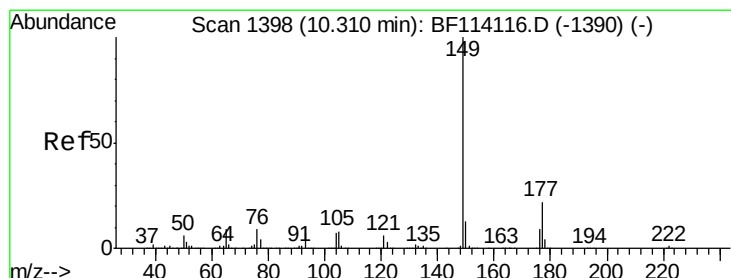
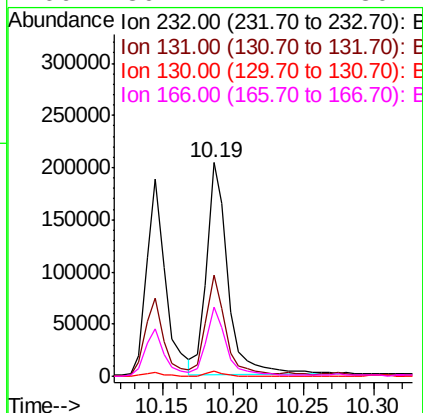
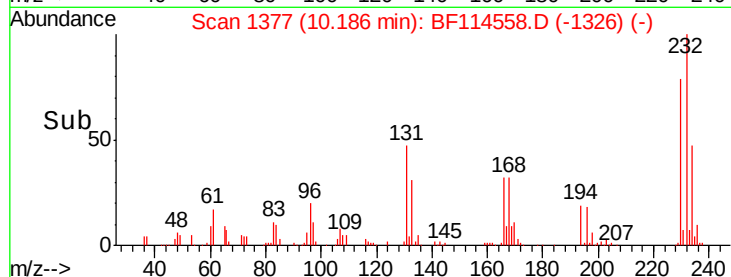
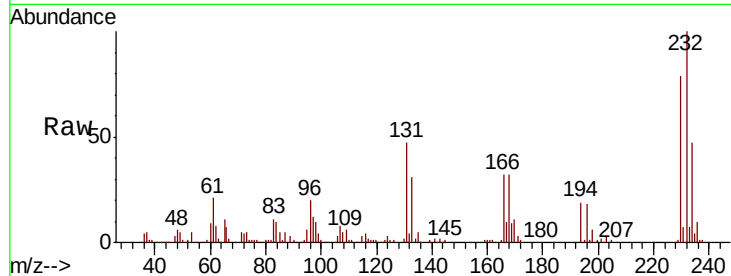




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.229 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

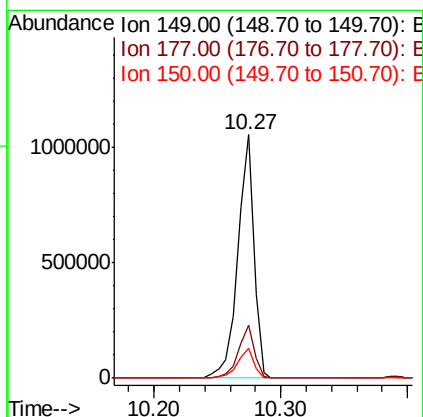
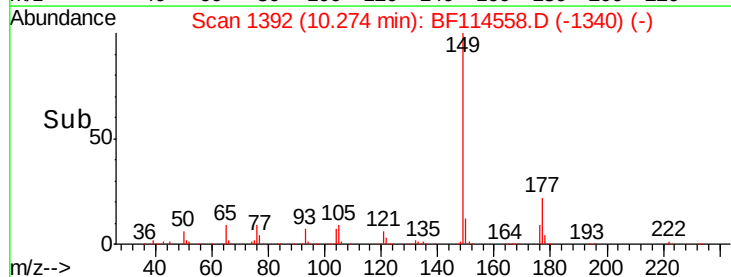
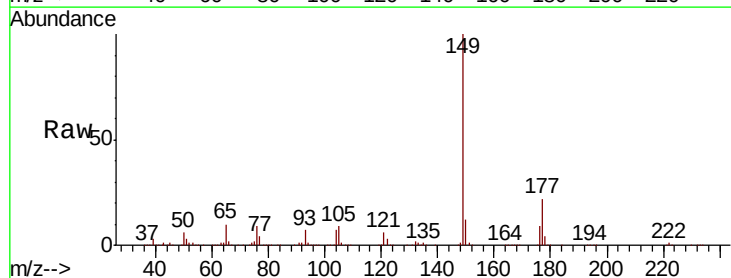
Instrument :
BNA_F
ClientSampleId :
PB119776BS

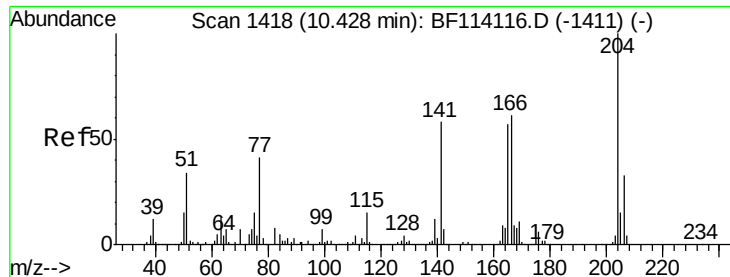
Tot Ion:232 Resp: 213091
Ion Ratio Lower Upper
232 100
131 44.4 35.6 53.4
130 2.1 1.6 2.4
166 30.4 24.1 36.1



#60
Diethylphthalate
Concen: 43.892 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion:149 Resp: 917754
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.6
150 12.5 10.2 15.2

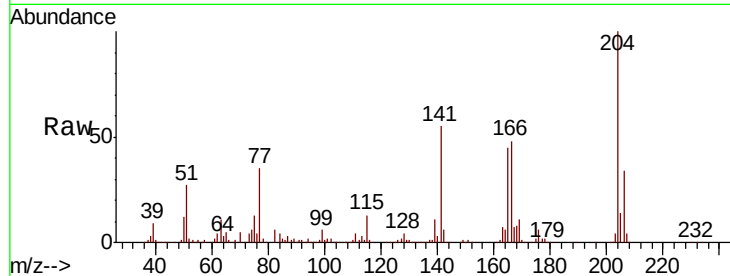




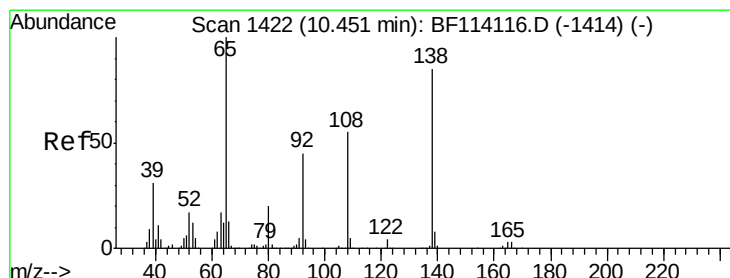
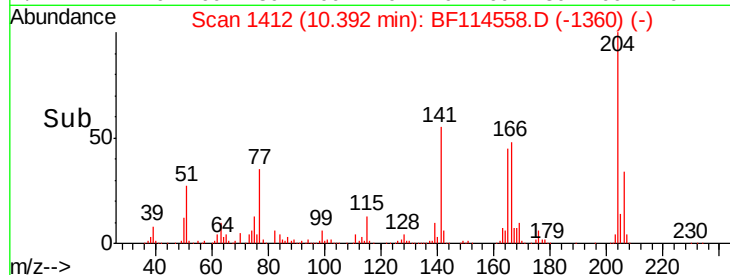
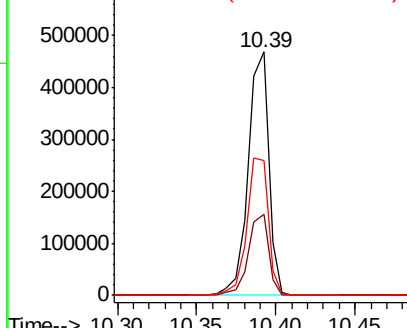
#61
4-Chlorophenyl-phenylether
Concen: 44.406 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion:204 Resp: 420204
Ion Ratio Lower Upper
204 100
206 33.5 26.6 39.8
141 55.1 46.4 69.6

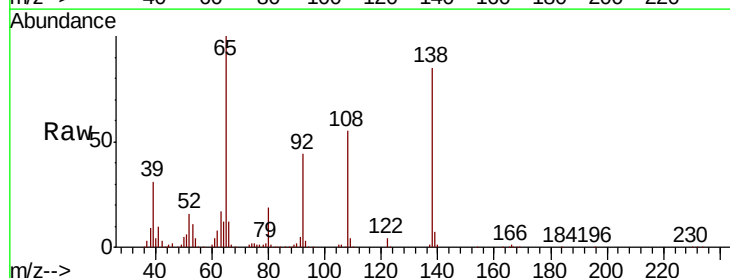


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

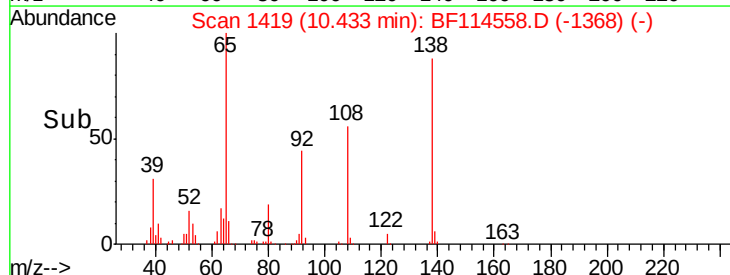
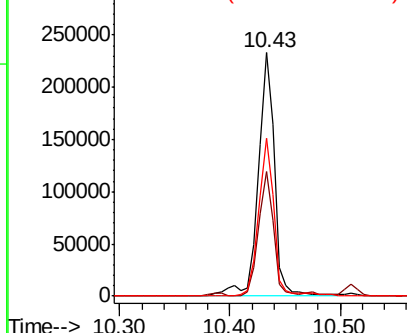


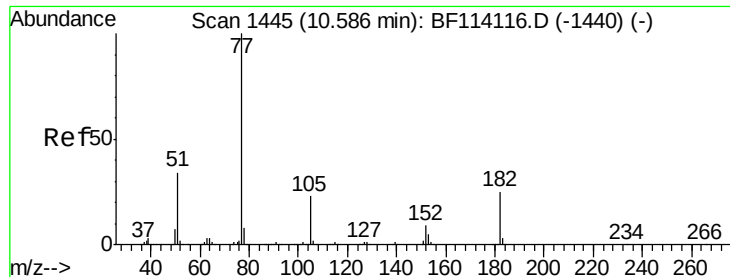
#62
4-Nitroaniline
Concen: 40.929 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion:138 Resp: 243687
Ion Ratio Lower Upper
138 100
92 51.0 33.0 73.0
108 65.0 44.9 84.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 43.067 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB119776BS

Tot Ion: 77 Resp: 871638

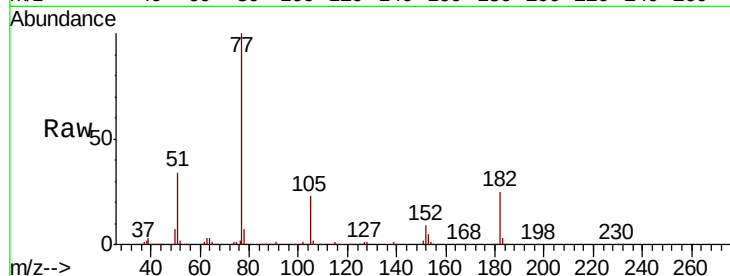
Ion Ratio Lower Upper

77 100

182 25.0 4.7 44.7

105 23.3 2.9 42.9

51 34.0 14.6 54.6

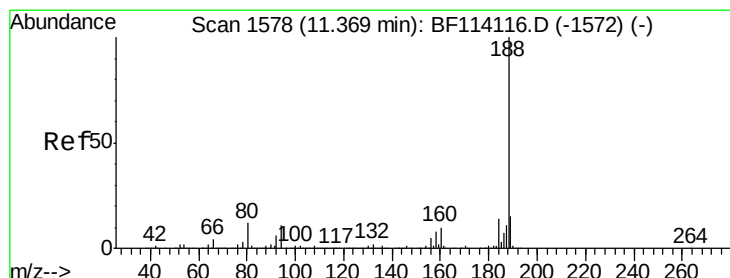
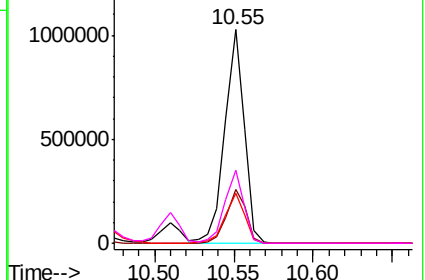
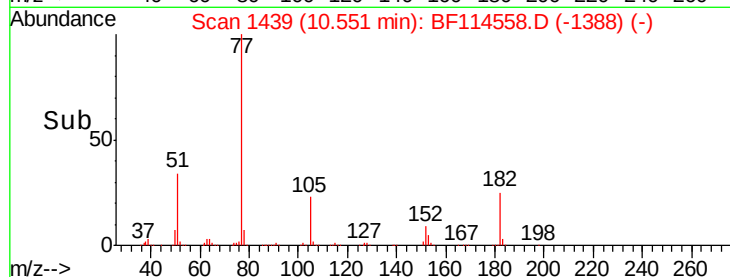


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

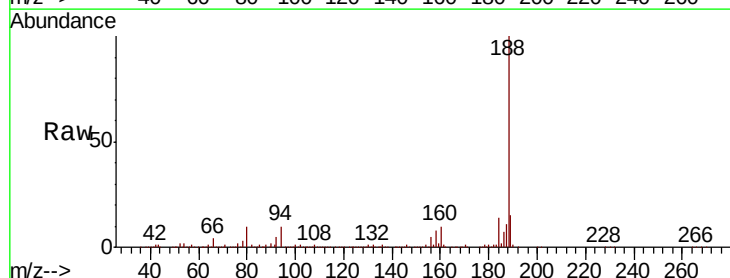
Tgt Ion: 188 Resp: 580349

Ion Ratio Lower Upper

188 100

94 9.7 8.4 12.6

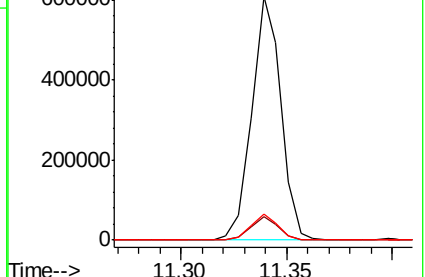
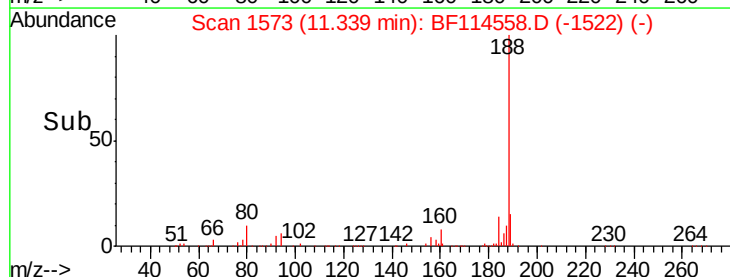
80 10.5 9.2 13.8

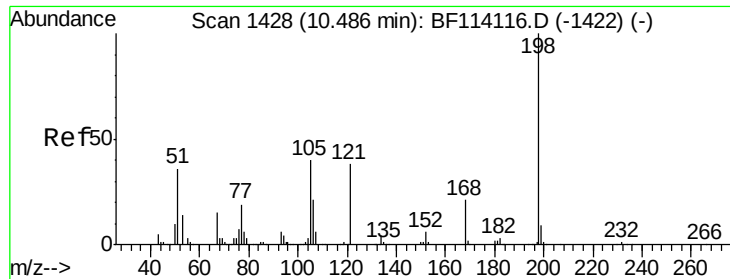


Abundance Ion 188.00 (187.70 to 188.70): E

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: 41.578 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB119776BS

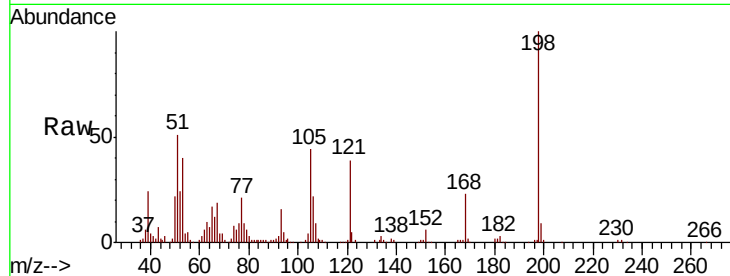
Tot Ion:198 Resp: 115946

Ion Ratio Lower Upper

198 100

51 51.2 28.0 68.0

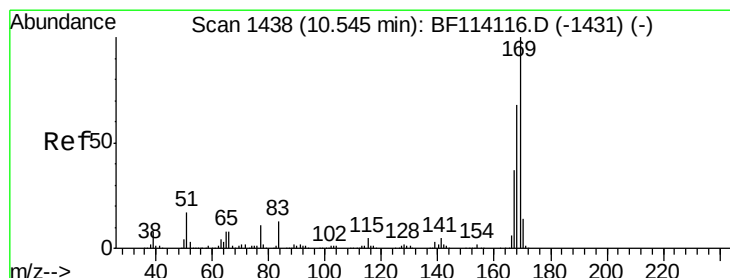
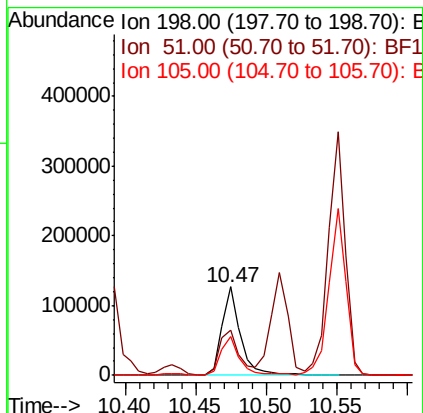
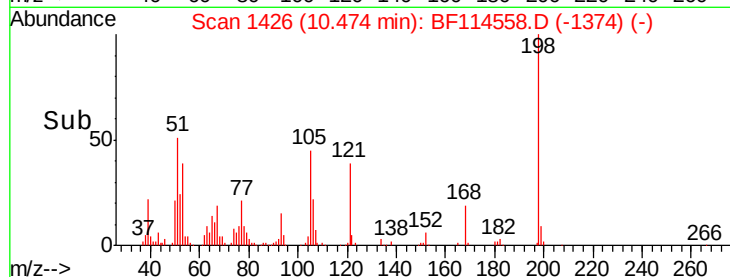
105 44.2 21.1 61.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.714 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

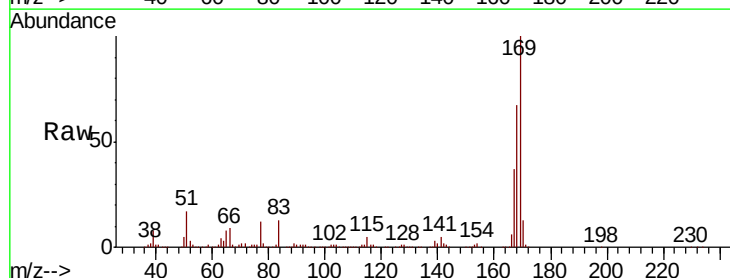
Tgt Ion:169 Resp: 787578

Ion Ratio Lower Upper

169 100

168 66.9 54.2 81.2

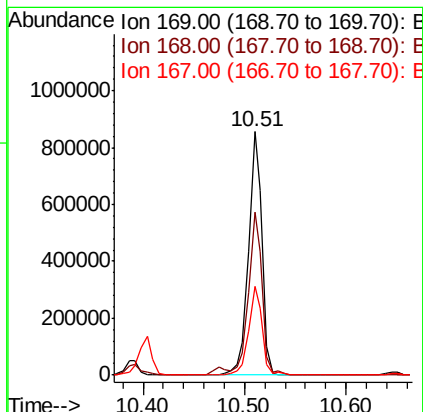
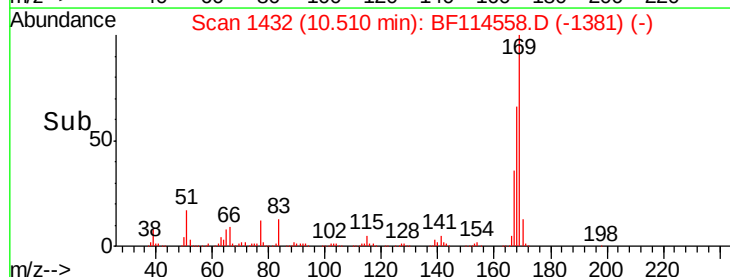
167 36.6 29.8 44.8

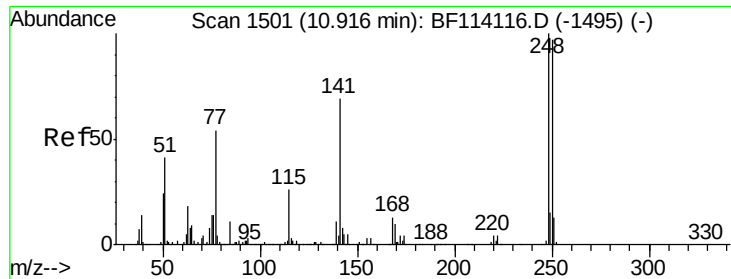


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

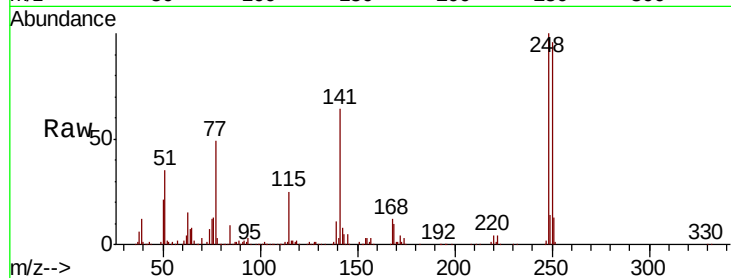




#67
4-Bromophenyl-phenylether
Concen: 42.086 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.4	116.2
141	63.9	55.6	83.4

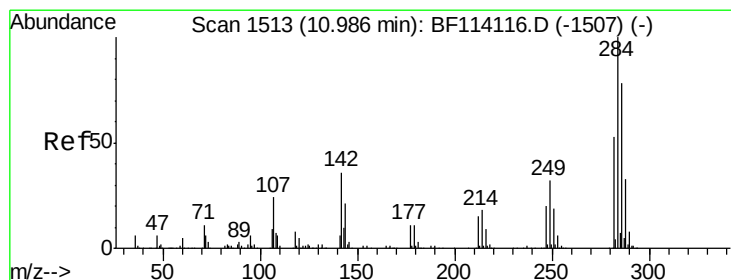
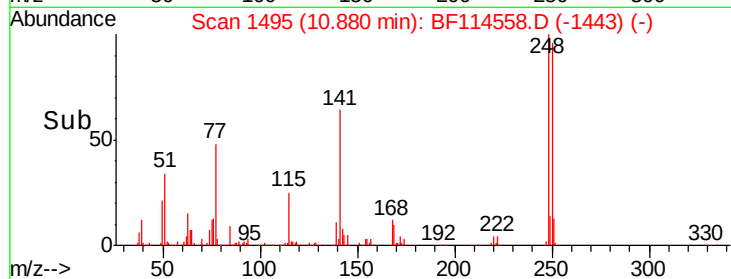
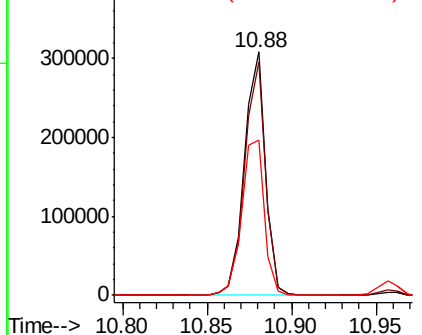


Abundance

Ion 248.00 (247.70 to 248.70): E

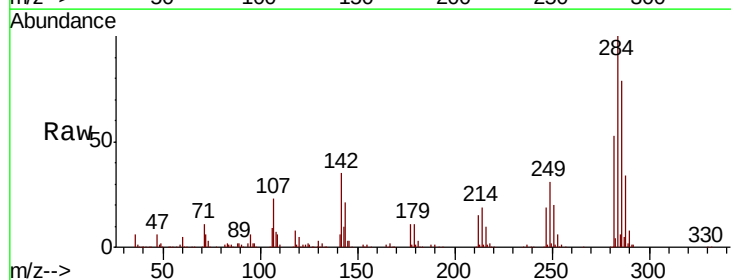
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.095 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	28.4	42.6
249	31.1	25.2	37.8

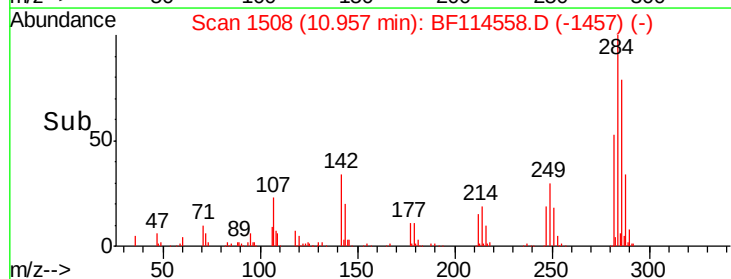
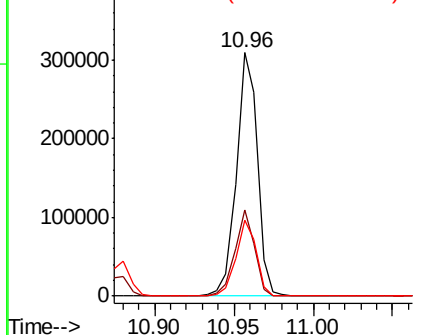


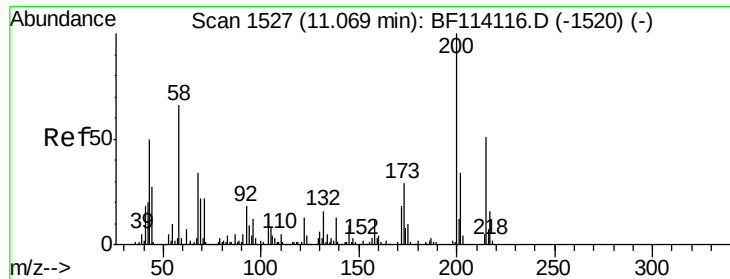
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

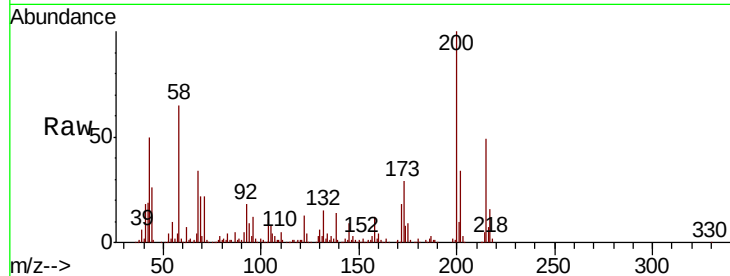




#69
Atrazine
Concen: 44.516 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.3	8.9	48.9
215	48.7	30.7	70.7

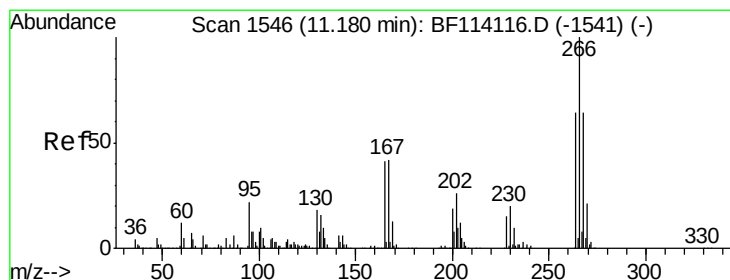
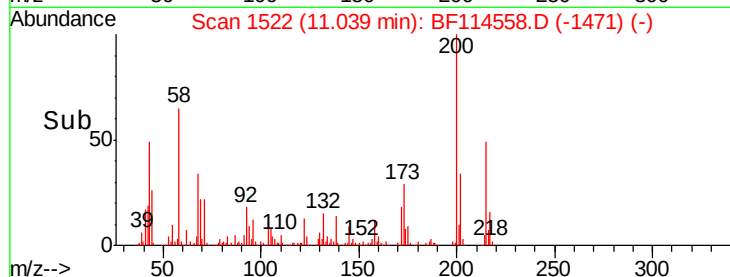
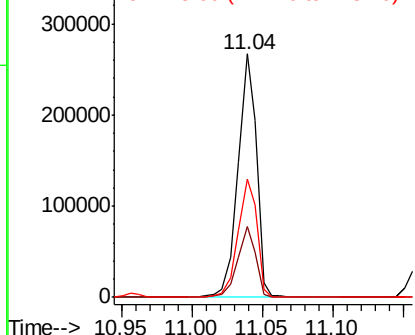


Abundance

Ion 200.00 (199.70 to 200.70): E

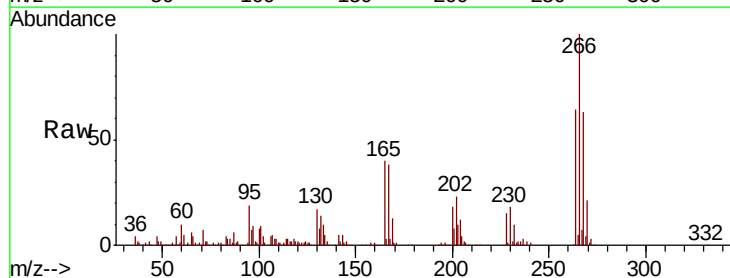
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 67.111 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	63.9	51.1	76.7

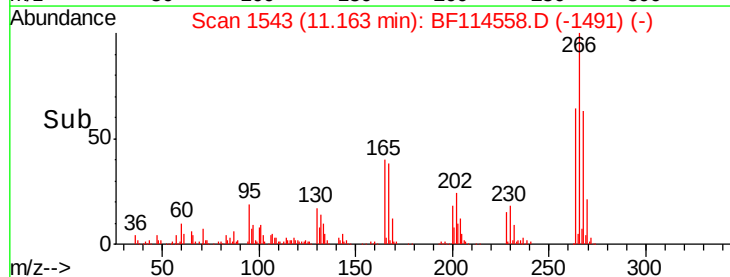
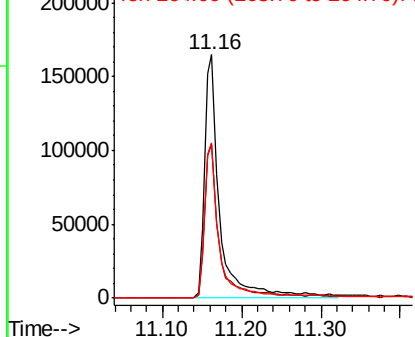


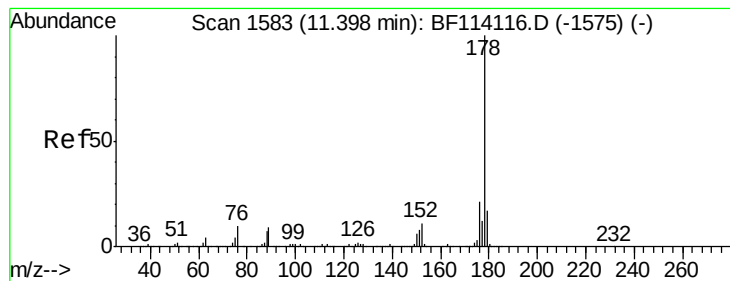
Abundance

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: 44.776 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB119776BS

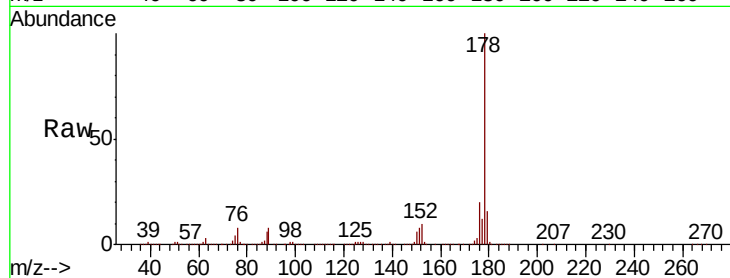
Tot Ion:178 Resp: 1264227

Ion Ratio Lower Upper

178 100

176 19.6 16.4 24.6

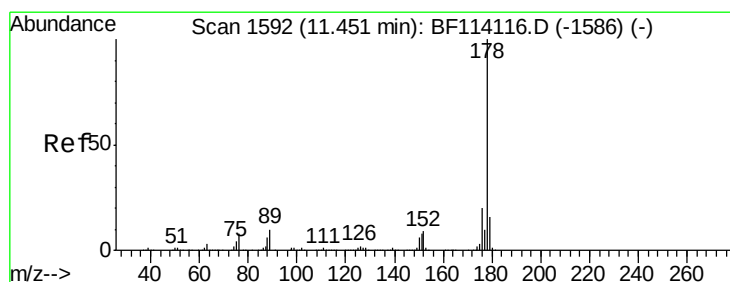
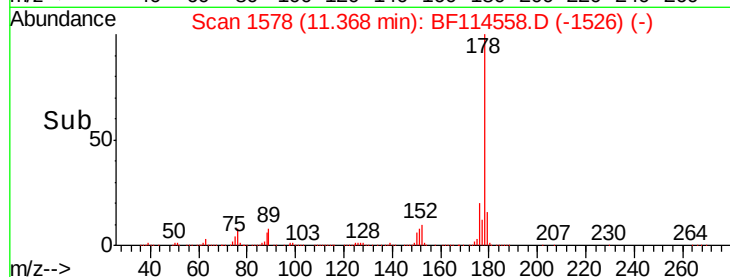
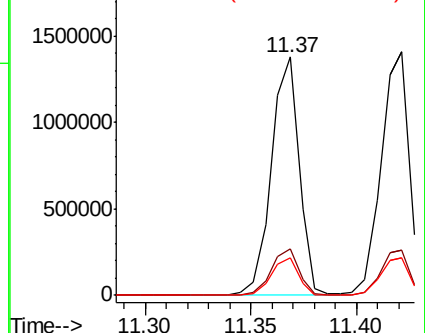
179 15.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.668 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

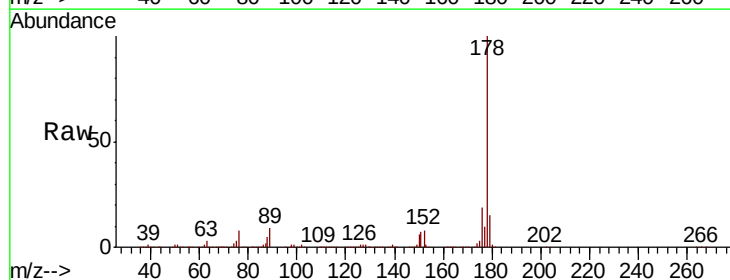
Tgt Ion:178 Resp: 1323459

Ion Ratio Lower Upper

178 100

176 18.6 15.8 23.8

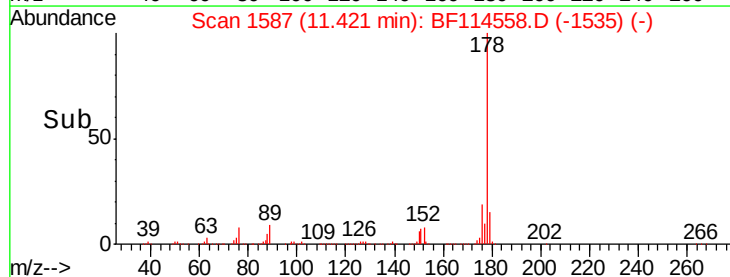
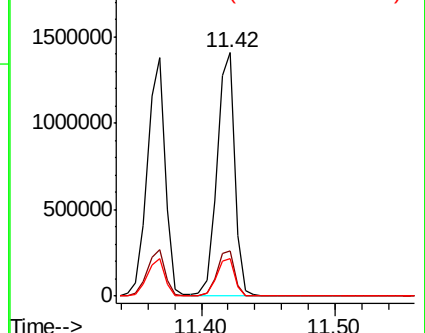
179 15.5 13.0 19.4

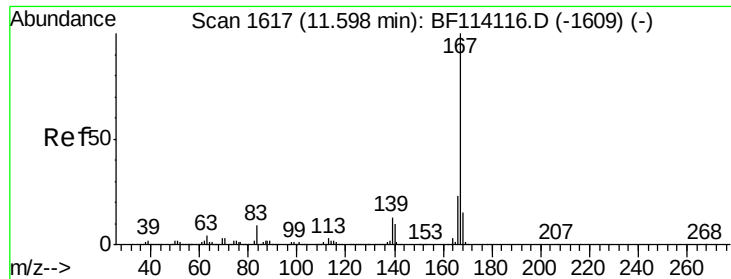


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 46.121 ng

RT: 11.57 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB119776BS

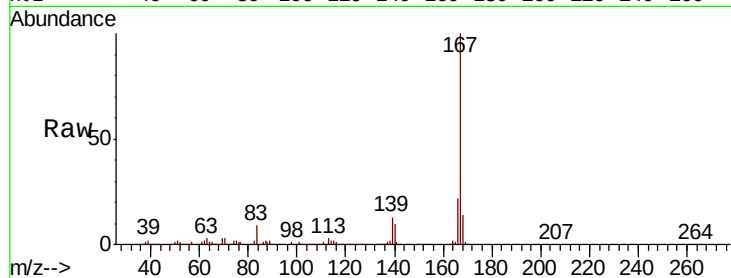
Tot Ion:167 Resp: 1247250

Ion Ratio Lower Upper

167 100

166 21.5 18.2 27.2

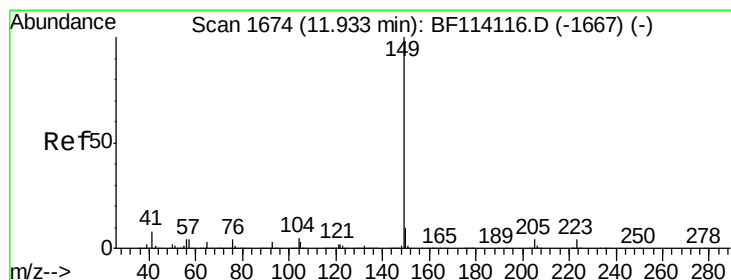
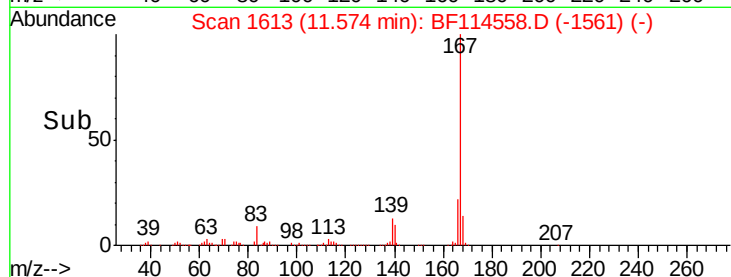
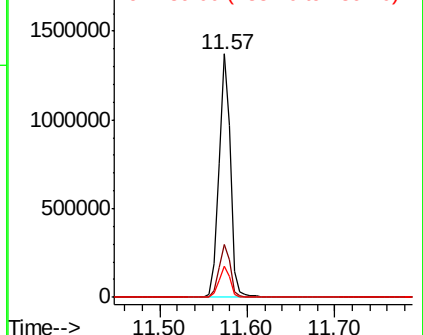
139 12.9 10.6 16.0



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: 47.758 ng

RT: 11.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

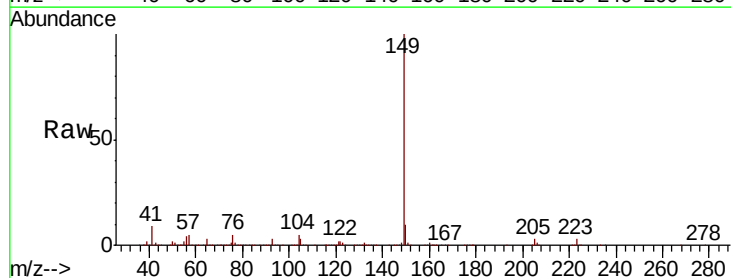
Tgt Ion:149 Resp: 1487938

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

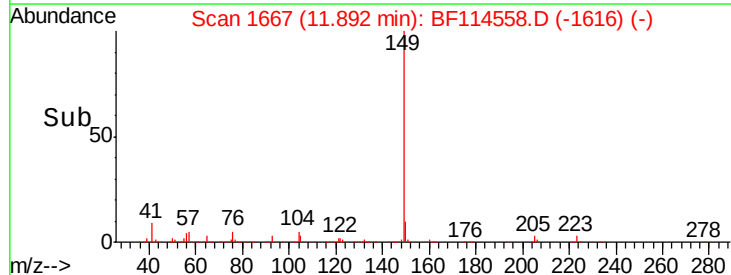
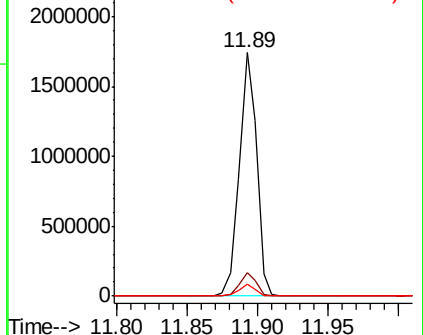
104 4.8 3.6 5.4

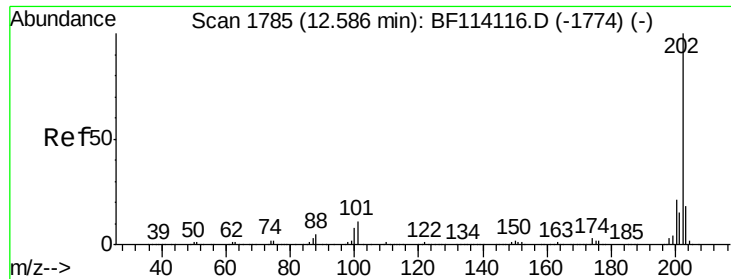


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

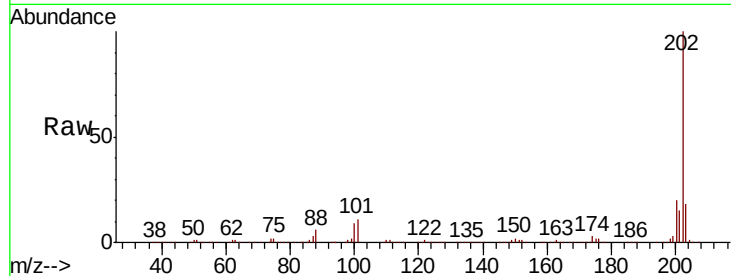




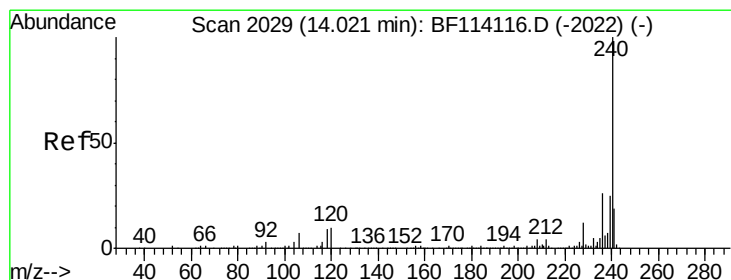
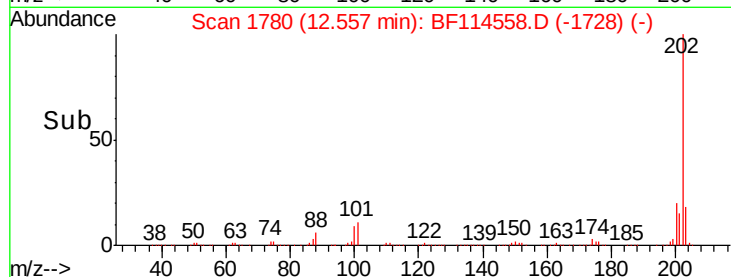
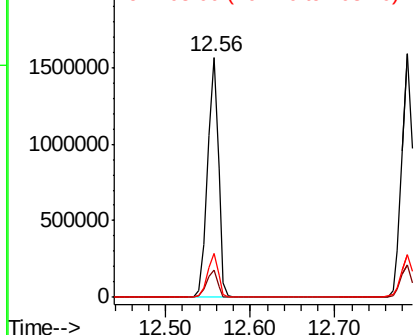
#75
Fluoranthene
Concen: 46.246 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion:202 Resp: 1406122
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.0
203 18.1 0.0 38.4

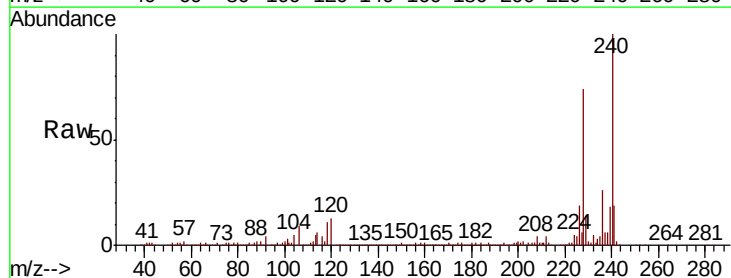


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

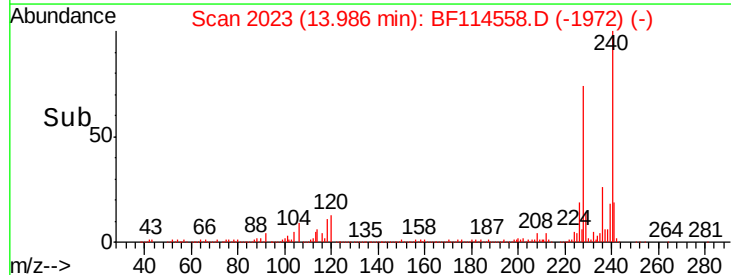
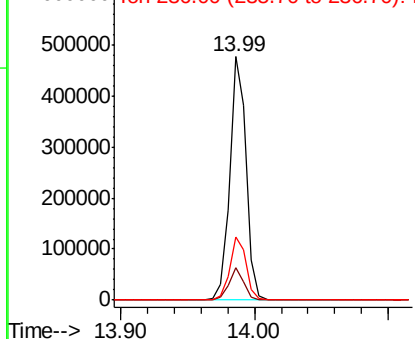


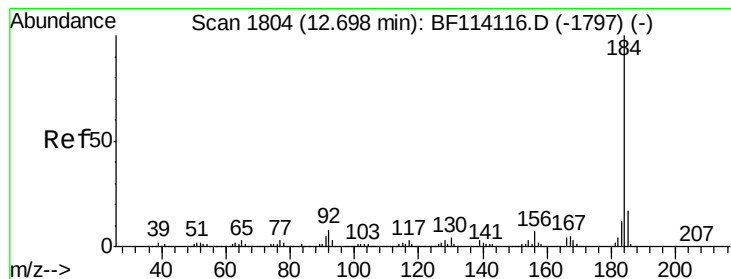
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion:240 Resp: 411057
Ion Ratio Lower Upper
240 100
120 13.1 8.3 12.5#
236 26.0 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: 40.462 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

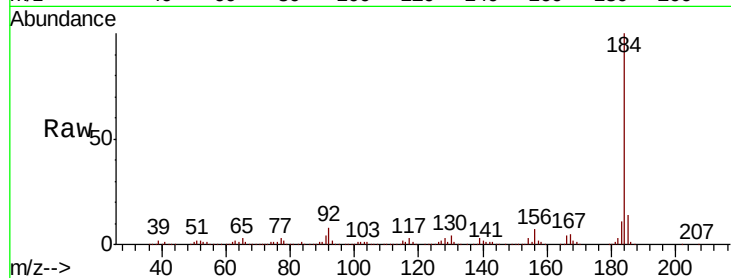
BNA_F

ClientSampleId :

PB119776BS

Tot Ion:184 Resp: 746589

Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.6	20.4
183	11.1	9.2	13.8

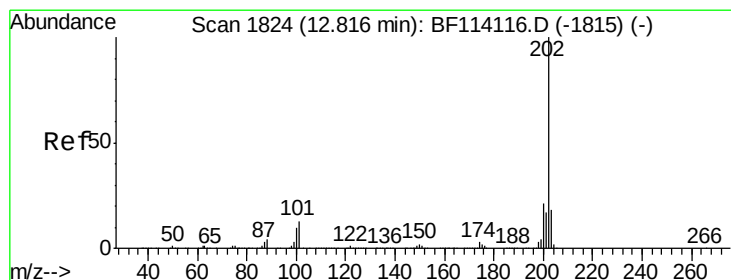
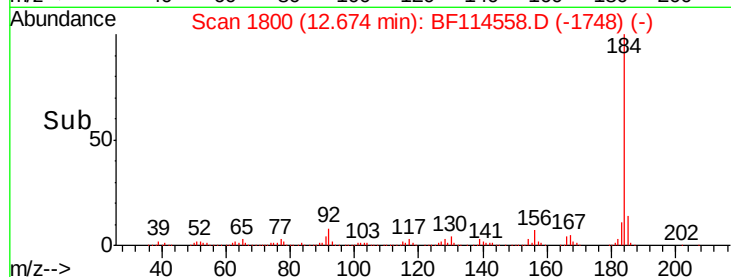
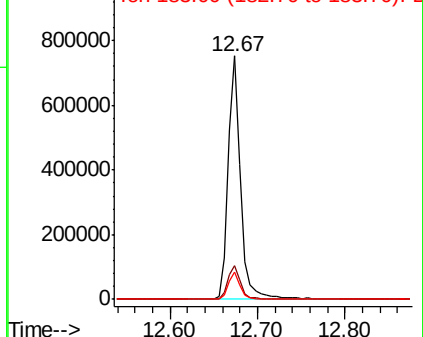


Abundance

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: 42.866 ng

RT: 12.79 min Scan# 1819

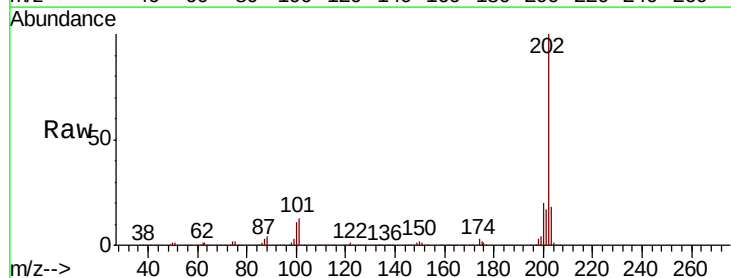
Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Tgt Ion:202 Resp: 1417474

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.9	25.3
203	17.5	14.5	21.7

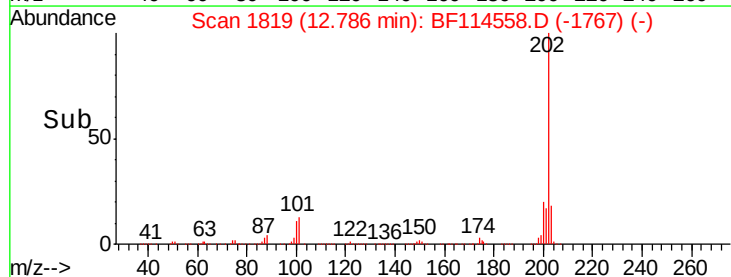
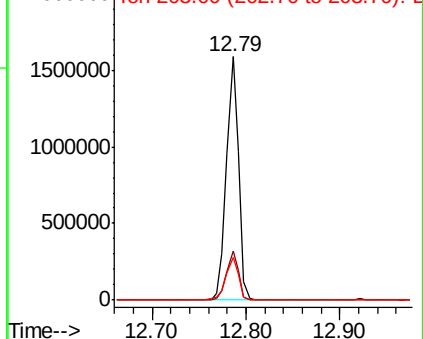


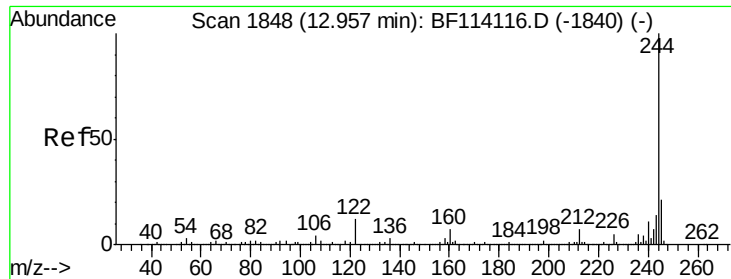
Abundance

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: 92.749 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB119776BS

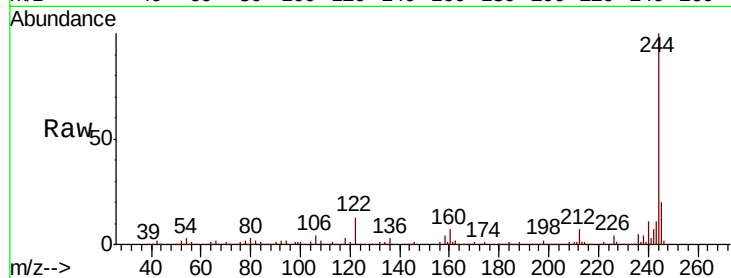
Tot Ion:244 Resp: 1849442

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

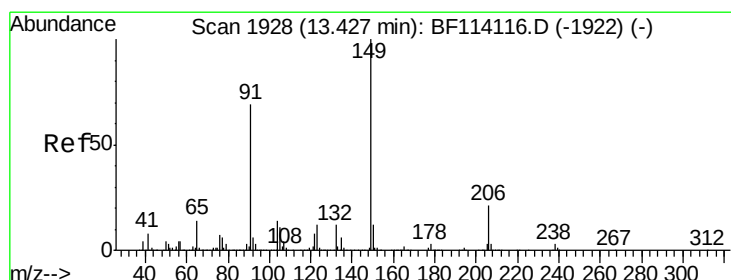
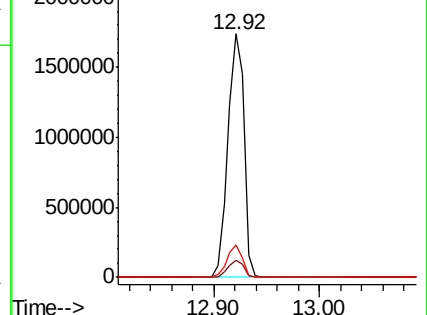
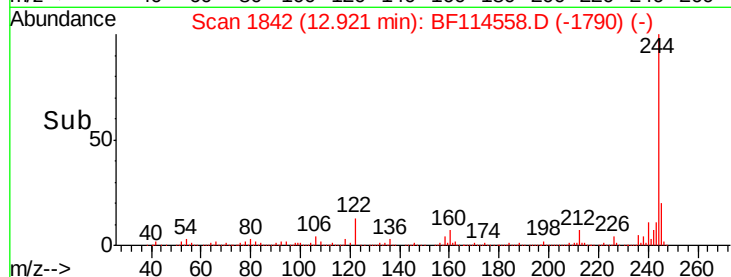
122 13.2 9.4 14.2



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: 46.914 ng

RT: 13.39 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

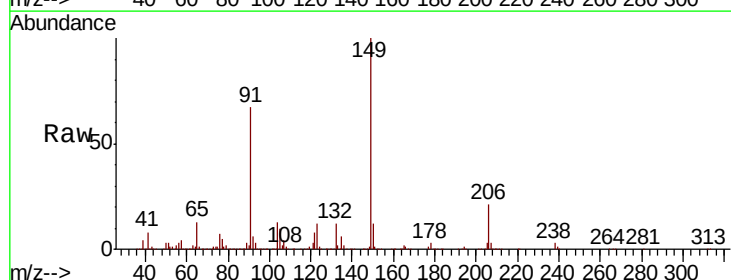
Tgt Ion:149 Resp: 652963

Ion Ratio Lower Upper

149 100

91 67.4 55.0 82.4

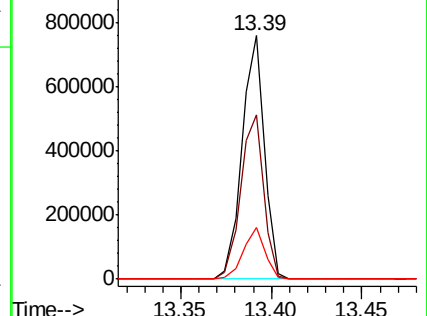
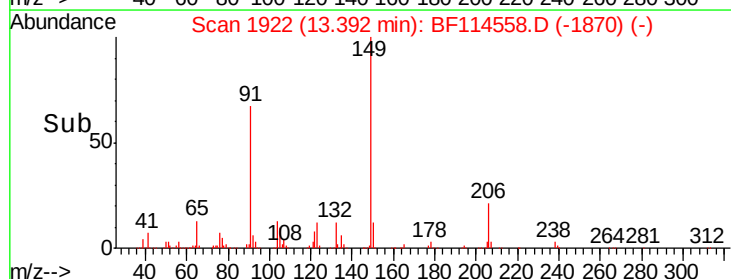
206 21.2 16.9 25.3

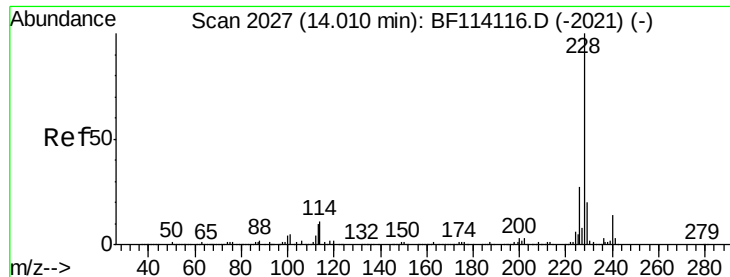


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

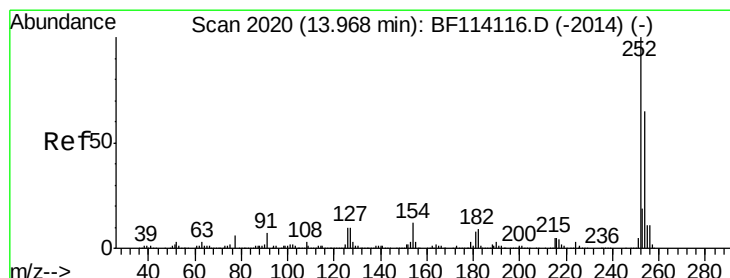
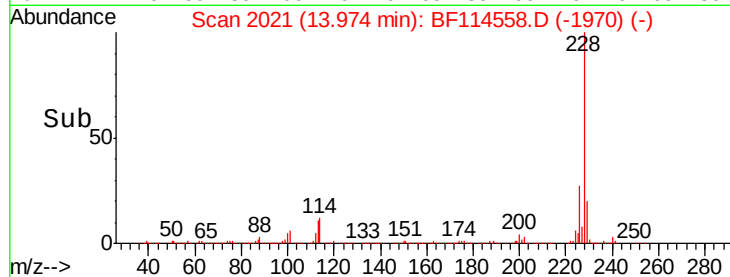
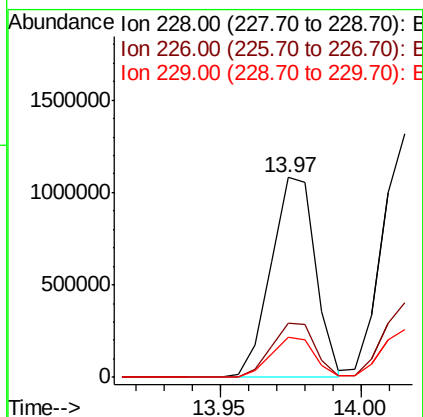
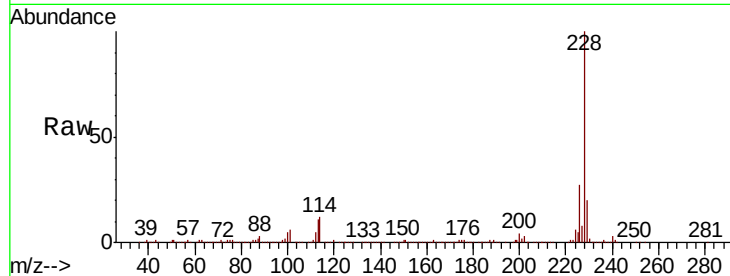




#81
Benzo(a)anthracene
Concen: 44.271 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

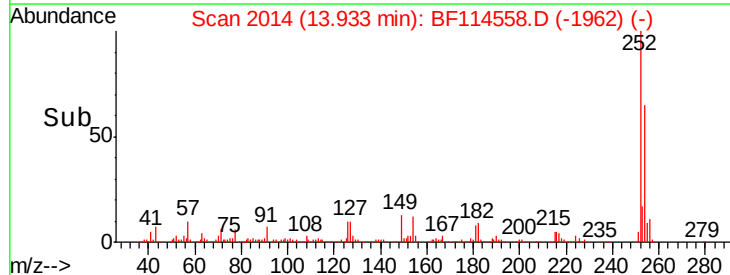
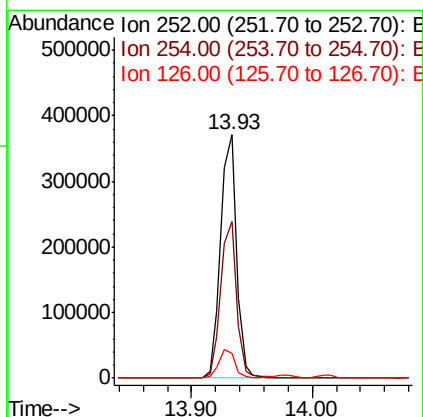
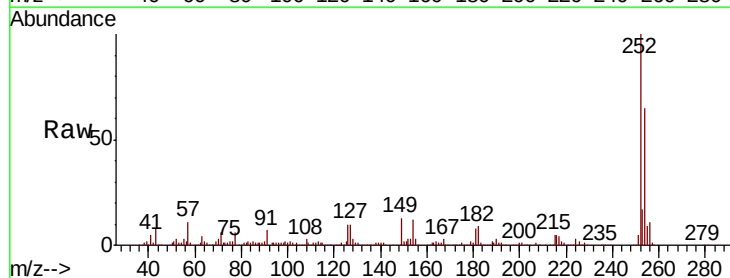
Instrument :
BNA_F
ClientSampleId :
PB119776BS

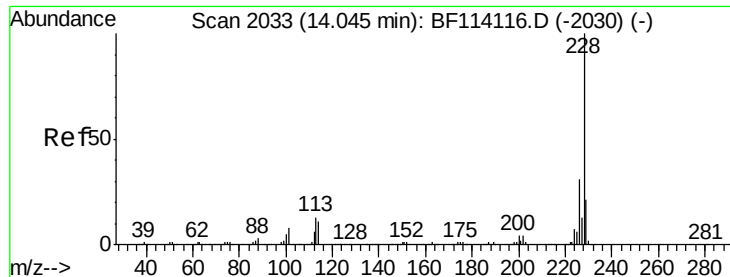
Tot Ion:228 Resp: 1177036
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.2
229 20.3 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 32.951 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion:252 Resp: 339854
Ion Ratio Lower Upper
252 100
254 64.5 51.9 77.9
126 10.1 7.9 11.9

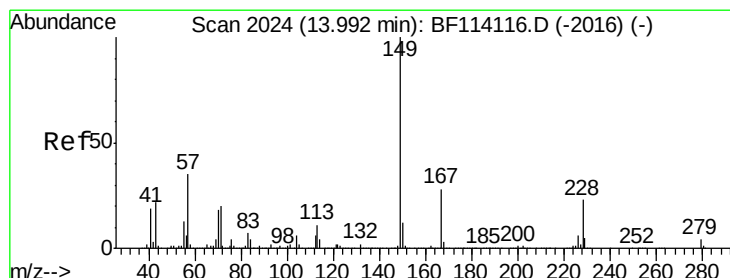
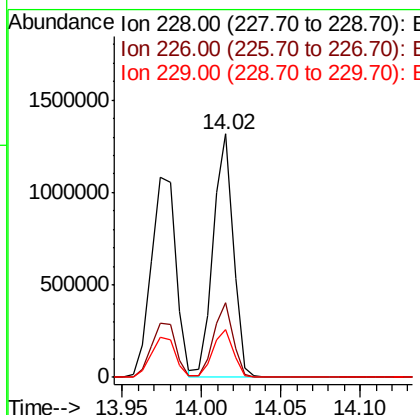
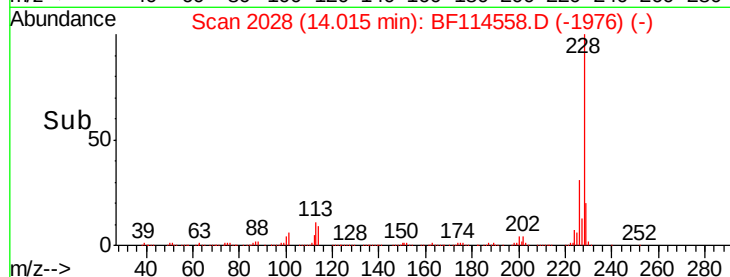
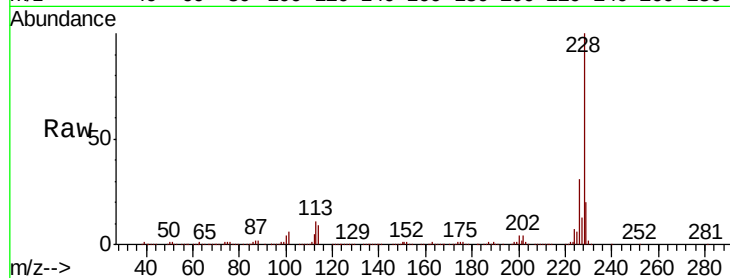




#83
 Chrysene
 Concen: 44.569 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

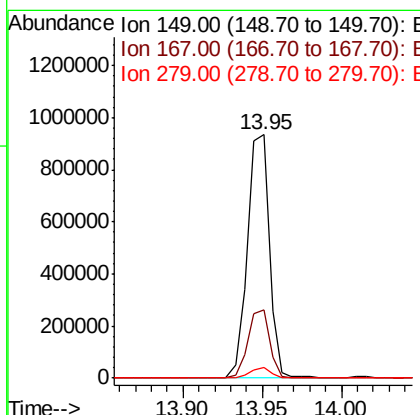
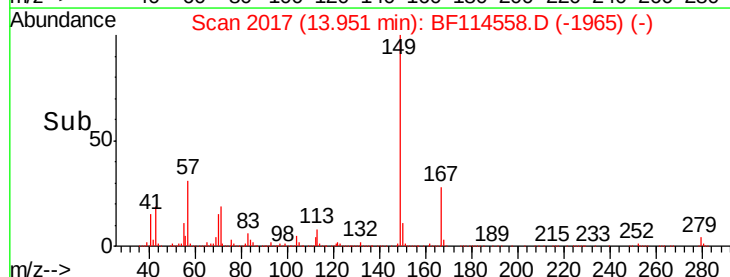
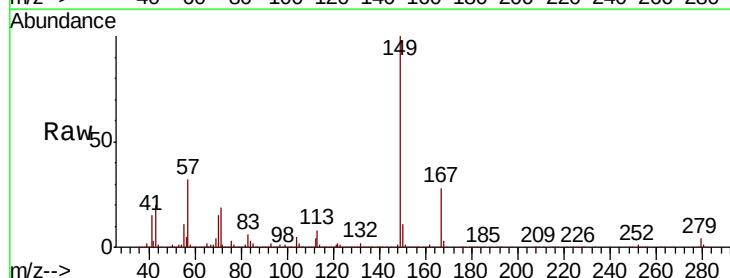
Instrument :
 BNA_F
 ClientSampleId :
 PB119776BS

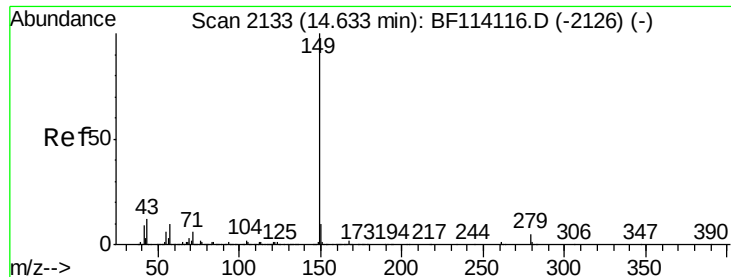
Tot Ion:228 Resp: 1161588
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 19.7 17.0 25.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.996 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF114558.D
 Acq: 24 May 2019 9:50

Tgt Ion:149 Resp: 891902
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.6 33.8
 279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 50.142 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB119776BS

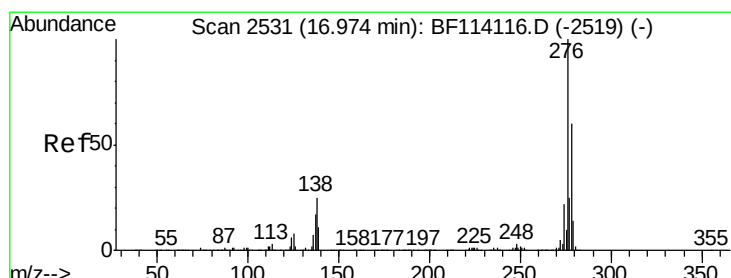
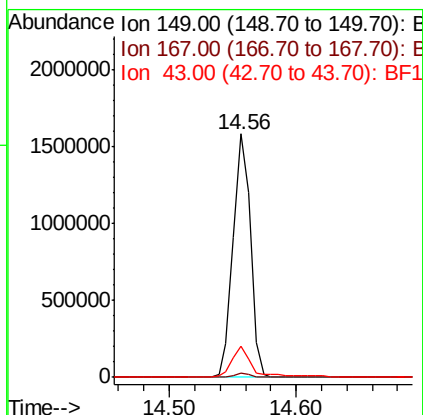
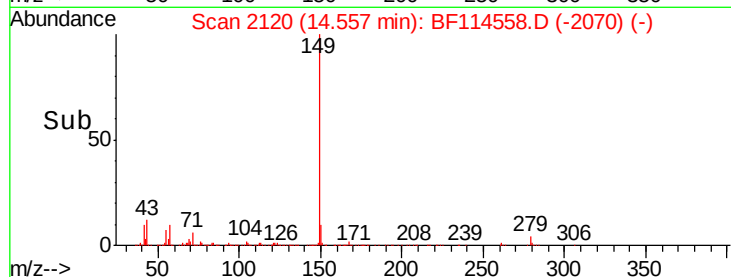
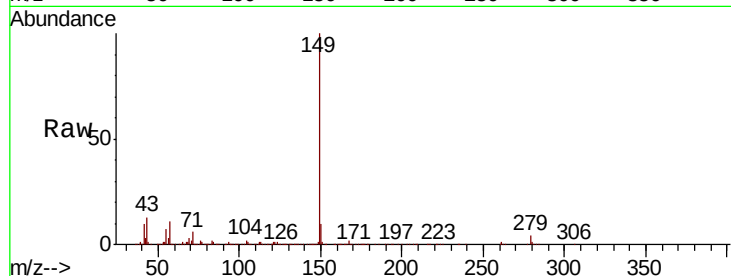
Tot Ion:149 Resp: 1479637

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 13.6 10.1 15.1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.692 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

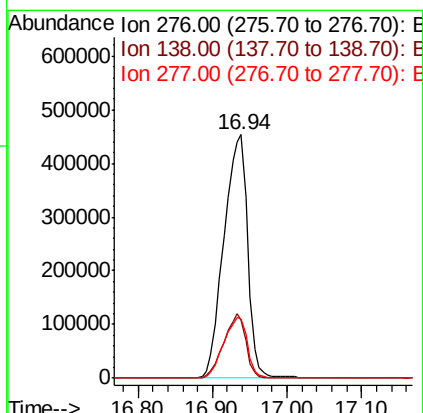
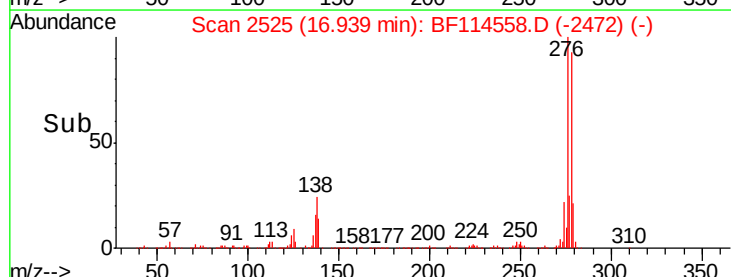
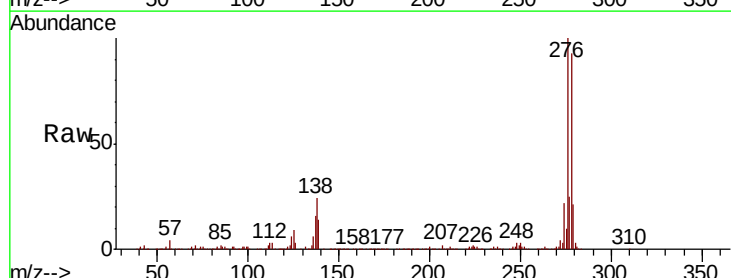
Tgt Ion:276 Resp: 1006392

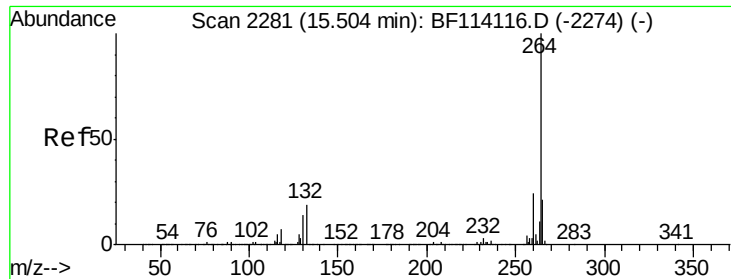
Ion Ratio Lower Upper

276 100

138 24.7 20.2 30.2

277 25.1 20.0 30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB119776BS

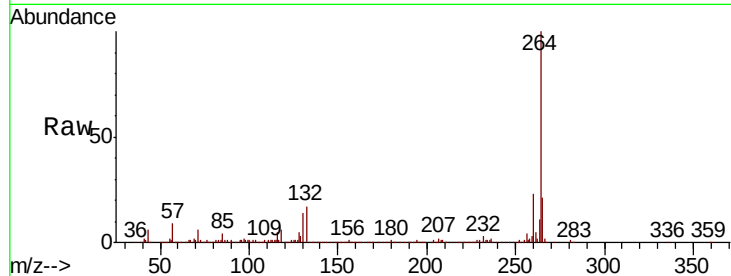
Tot Ion:264 Resp: 397981

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

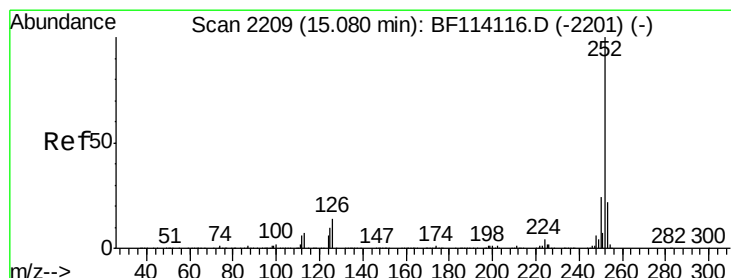
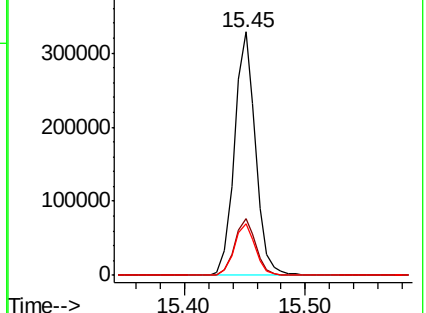
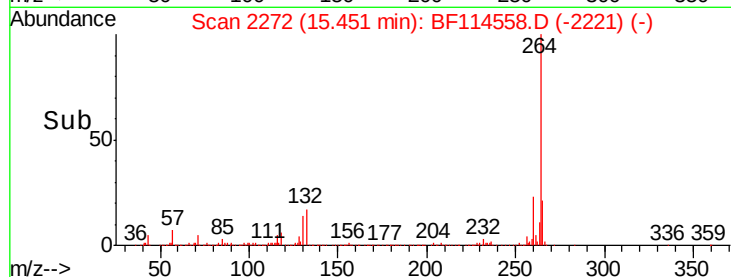
265 21.3 16.9 25.3



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: 44.014 ng

RT: 15.03 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

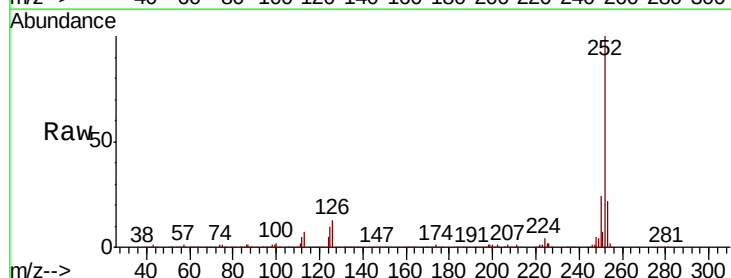
Tgt Ion:252 Resp: 1122210

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

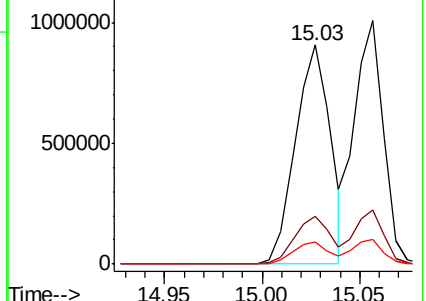
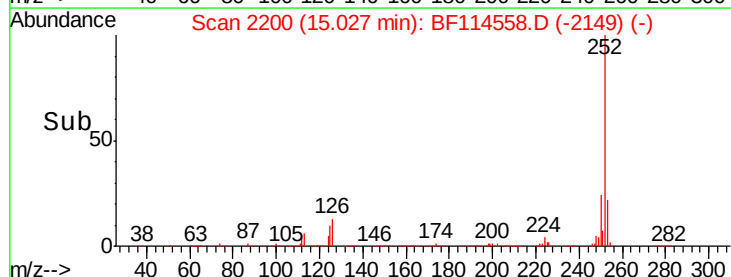
125 10.1 8.3 12.5

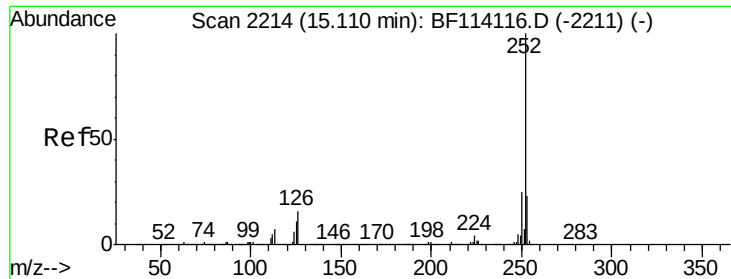


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

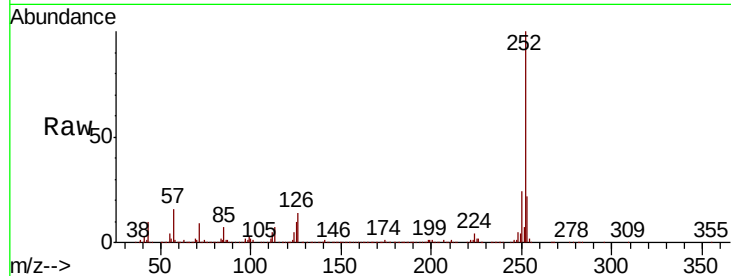




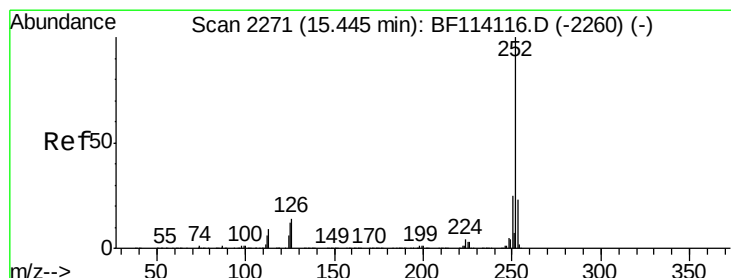
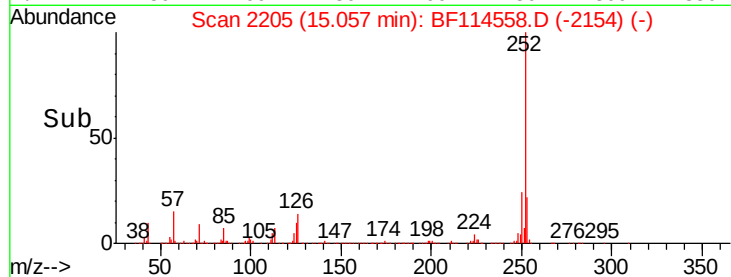
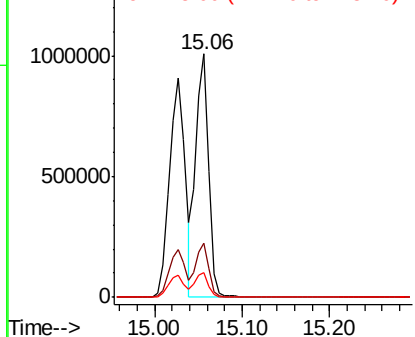
#89
Benzo(k)fluoranthene
Concen: 44.614 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB119776BS

Tot Ion:252 Resp: 1044930
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.0 8.6 13.0

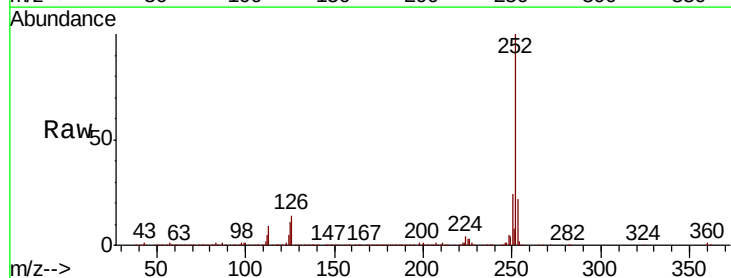


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

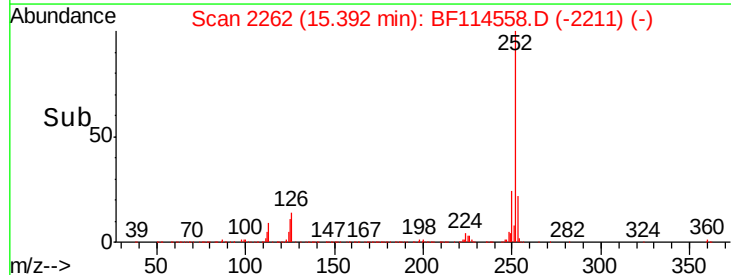
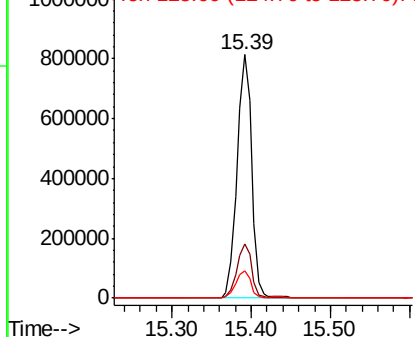


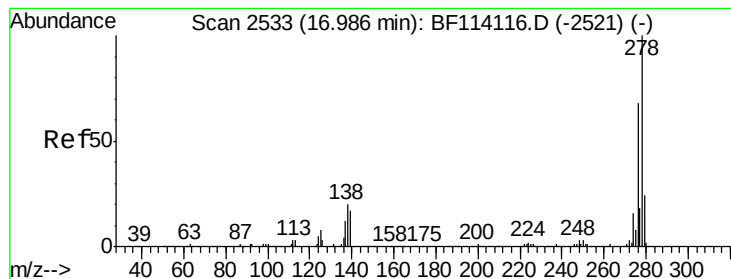
#90
Benzo(a)pyrene
Concen: 46.382 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BF114558.D
Acq: 24 May 2019 9:50

Tgt Ion:252 Resp: 1040791
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 11.1 9.5 14.3



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





#91

Dibenzo(a,h)anthracene

Concen: 45.290 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB119776BS

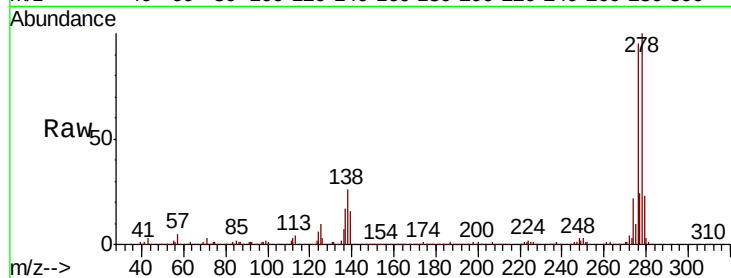
Tot Ion:278 Resp: 844489

Ion Ratio Lower Upper

278 100

139 16.3 13.5 20.3

279 23.3 19.0 28.6

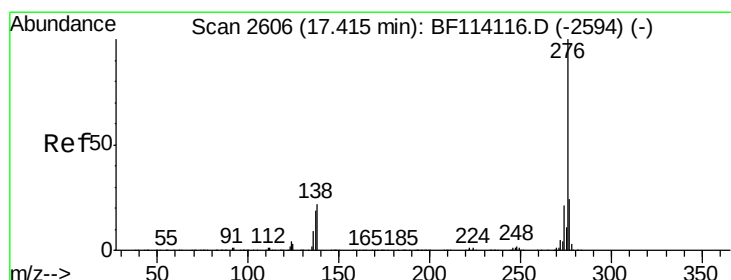
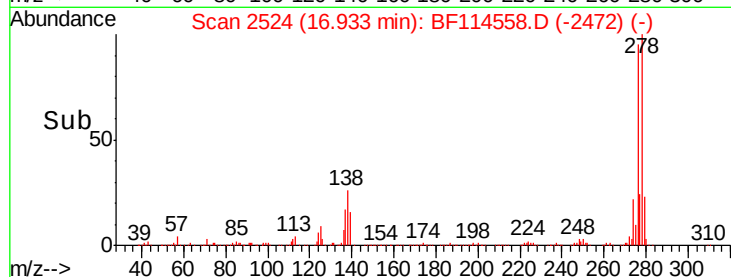
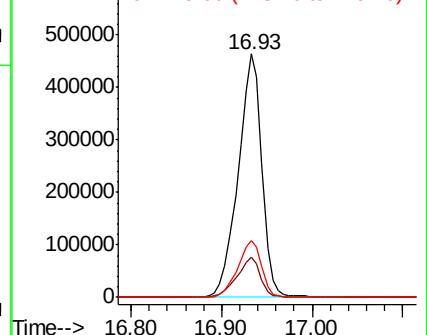


Abundance

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: 44.979 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.01 min

Lab File: BF114558.D

Acq: 24 May 2019 9:50

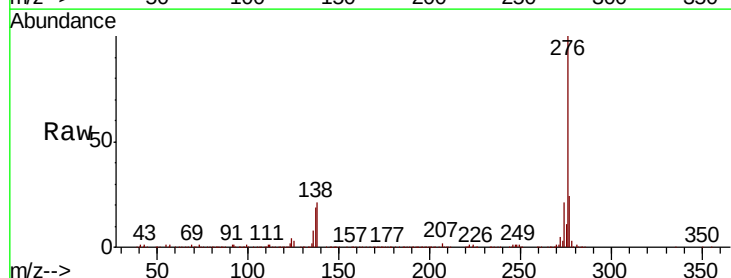
Tgt Ion:276 Resp: 840496

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 20.9 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

