

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114625.D
 Acq On : 26 May 2019 2:22
 Operator : JU/SJ
 Sample : PB1120038BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BS

Quant Time: May 27 01:24:08 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	6.80	152	176847	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	690444	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	329084	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	640948	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	462346	20.00	ng	-0.01
87) Perylene-d12	15.43	264	465211	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1146621	104.34	ng	0.00
7) Phenol-d6	6.45	99	1437002	110.56	ng	-0.01
23) Nitrobenzene-d5	7.37	82	993165	80.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	340893	100.20	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1743208	80.13	ng	-0.02
79) Terphenyl-d14	12.90	244	1785900	79.63	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	168624	27.916	ng	99
3) Pyridine	3.36	79	443139	26.627	ng	97
4) n-Nitrosodimethylamine	3.30	42	237458	29.588	ng	99
6) Aniline	6.47	93	440111	23.441	ng	# 53
8) 2-Chlorophenol	6.59	128	435825	37.149	ng	96
9) Benzaldehyde	6.36	77	211370	23.230	ng	97
10) Phenol	6.46	94	531232	34.744	ng	87
11) bis(2-Chloroethyl)ether	6.54	93	408081	35.156	ng	97
12) 1,3-Dichlorobenzene	6.74	146	453574	34.443	ng	99
13) 1,4-Dichlorobenzene	6.82	146	464343	34.992	ng	98
14) 1,2-Dichlorobenzene	6.97	146	426021	35.140	ng	98
15) Benzyl Alcohol	6.95	79	339134	33.454	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	734132	32.618	ng	56
17) 2-Methylphenol	7.07	107	342929	35.584	ng	# 91
18) Hexachloroethane	7.30	117	168107	33.749	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	290821	35.301	ng	99
20) 3+4-Methylphenols	7.22	107	443673	39.847	ng	# 73
22) Acetophenone	7.21	105	581090	37.991	ng	# 88
24) Nitrobenzene	7.39	77	450326	35.938	ng	97
25) Isophorone	7.62	82	806523	35.347	ng	99
26) 2-Nitrophenol	7.70	139	233969	38.485	ng	96
27) 2,4-Dimethylphenol	7.75	122	376832	39.466	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	513476	34.683	ng	98
29) 2,4-Dichlorophenol	7.96	162	355968	37.440	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	383454	35.467	ng	98
31) Naphthalene	8.10	128	1227143	38.049	ng	99
32) Benzoic acid	7.90	122	198779	31.947	ng	96
33) 4-Chloroaniline	8.16	127	321912	21.903	ng	99
34) Hexachlorobutadiene	8.22	225	212412	34.529	ng	99
35) Caprolactam	8.53	113	58957	19.017	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	369131	38.570	ng	98
37) 2-Methylnaphthalene	8.80	142	816010	39.215	ng	97
38) 1-Methylnaphthalene	8.90	142	772390	39.416	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	370106	37.127	ng	99

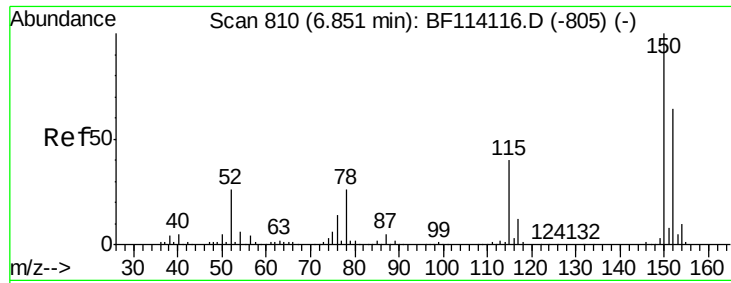
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114625.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	169993	38.949	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	222939	32.514	ng	97
44) 2,4,5-Trichlorophenol	9.13	196	228363	32.475	ng	95
46) 1,1'-Biphenyl	9.26	154	998948	37.575	ng	97
47) 2-Chloronaphthalene	9.29	162	760541	35.546	ng	98
48) 2-Nitroaniline	9.39	65	252709	33.304	ng	92
49) Acenaphthylene	9.70	152	1191600	36.618	ng	98
50) Dimethylphthalate	9.56	163	842744	34.885	ng	99
51) 2,6-Dinitrotoluene	9.63	165	189601	35.385	ng	93
52) Acenaphthene	9.87	154	699090	35.009	ng	99
53) 3-Nitroaniline	9.80	138	150410	22.613	ng	98
54) 2,4-Dinitrophenol	9.93	184	153697	58.981	ng	93
55) Dibenzofuran	10.05	168	1010835	34.521	ng	99
56) 4-Nitrophenol	9.99	139	189504	40.288	ng	98
57) 2,4-Dinitrotoluene	10.05	165	237941	32.717	ng	# 78
58) Fluorene	10.39	166	832488	36.807	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	197582	32.565	ng	99
60) Diethylphthalate	10.26	149	841099	34.266	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	397750	35.806	ng	96
62) 4-Nitroaniline	10.42	138	204894	29.315	ng	96
63) Azobenzene	10.54	77	819148	34.477	ng	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	106823	34.685	ng	100
66) n-Nitrosodiphenylamine	10.50	169	740530	38.068	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	247191	35.027	ng	98
68) Hexachlorobenzene	10.95	284	264042	33.821	ng	94
69) Atrazine	11.02	200	217878	35.991	ng	98
70) Pentachlorophenol	11.15	266	162762	43.979	ng	97
71) Phenanthrene	11.35	178	1172551	37.602	ng	99
72) Anthracene	11.40	178	1216907	38.853	ng	99
73) Carbazole	11.56	167	1149997	38.504	ng	98
74) Di-n-butylphthalate	11.88	149	1298486	37.737	ng	99
75) Fluoranthene	12.54	202	1282116	38.181	ng	98
77) Benzidine	12.66	184	629405	30.327	ng	98
78) Pyrene	12.77	202	1297794	34.893	ng	99
80) Butylbenzylphthalate	13.37	149	578603	36.959	ng	99
81) Benzo(a)anthracene	13.96	228	1102193	36.857	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	321518	27.715	ng	97
83) Chrysene	14.00	228	1088162	37.120	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	775185	37.860	ng	98
85) Di-n-octyl phthalate	14.54	149	1277948	38.503	ng	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	1015010	39.178	ng	100
88) Benzo(b)fluoranthene	15.00	252	1116740	37.469	ng	100
89) Benzo(k)fluoranthene	15.03	252	973562	35.560	ng	99
90) Benzo(a)pyrene	15.37	252	986399	37.606	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	850081	39.002	ng	99
92) Benzo(g,h,i)perylene	17.33	276	870460	39.851	ng	99

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

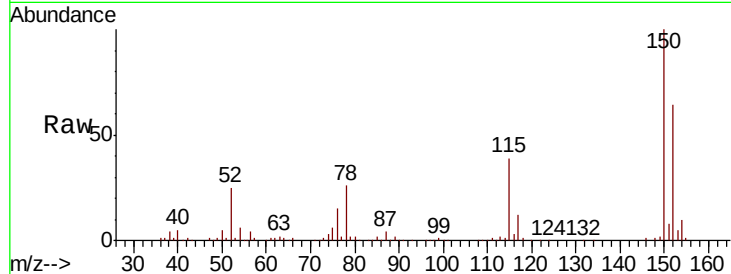


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.3	186.5
115	61.2	49.1	73.7

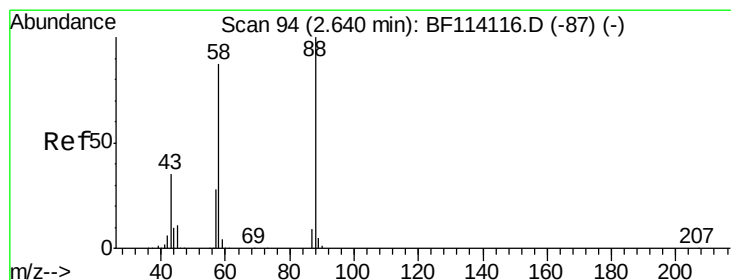
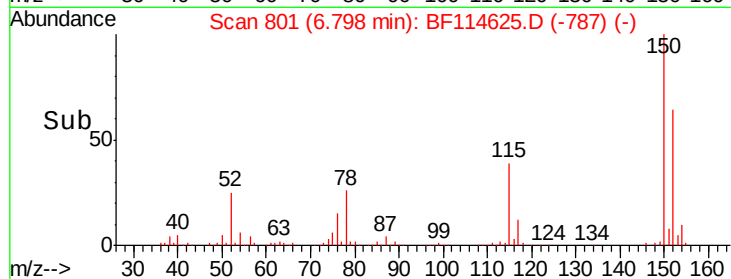
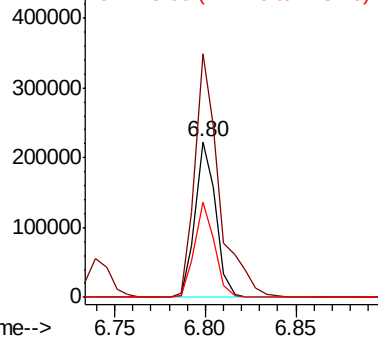


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

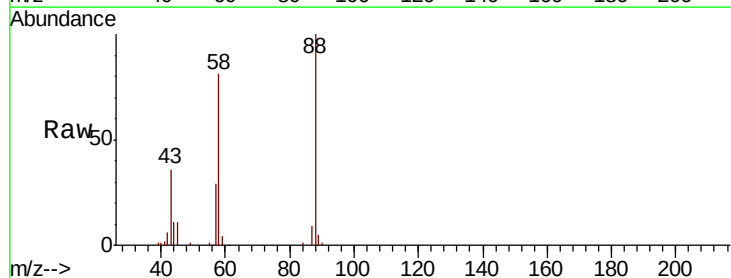
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.916 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.05 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	68.7	103.1
43	34.1	28.2	42.2

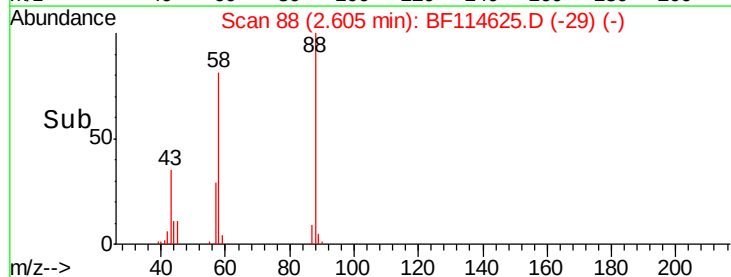
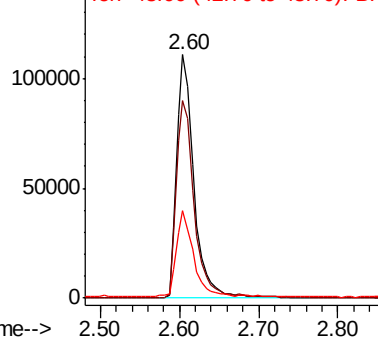


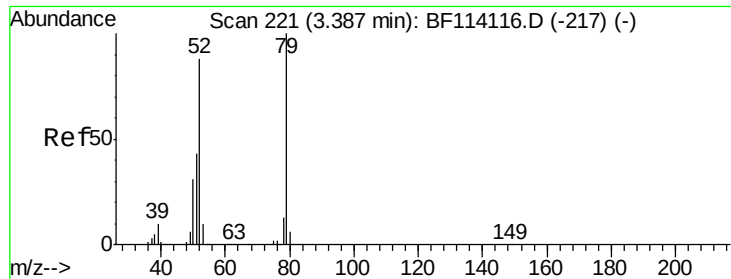
Abundance

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: 26.627 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.05 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

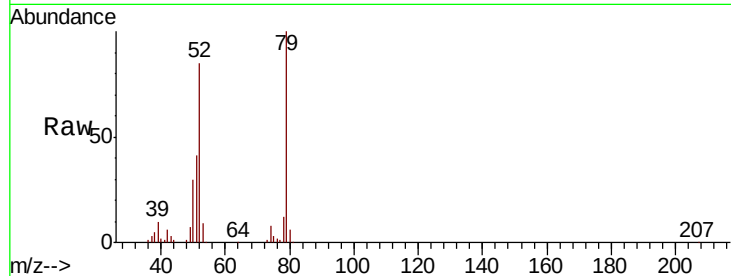
Tot Ion: 79 Resp: 443139

Ion Ratio Lower Upper

79 100

52 85.3 70.6 105.8

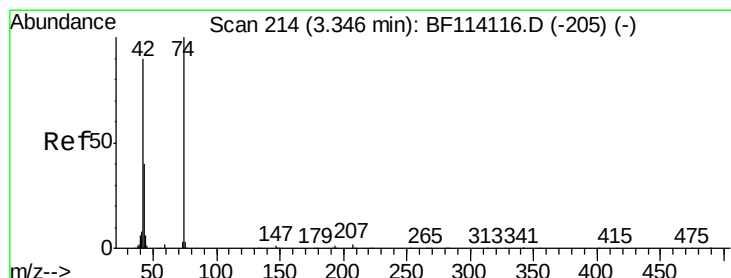
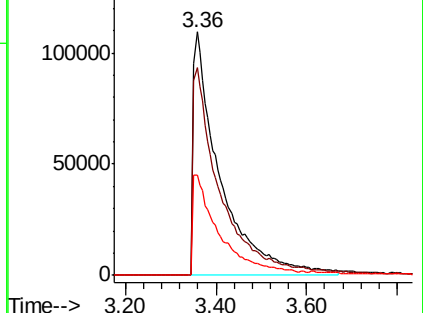
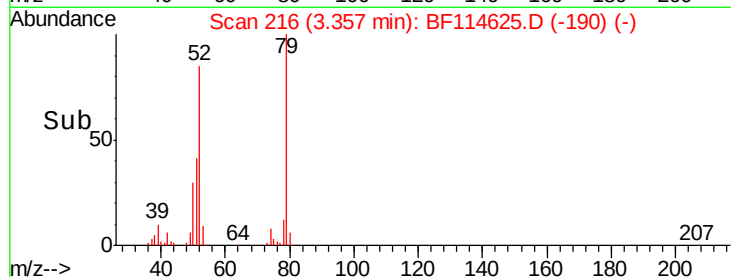
51 41.3 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 29.588 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.04 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

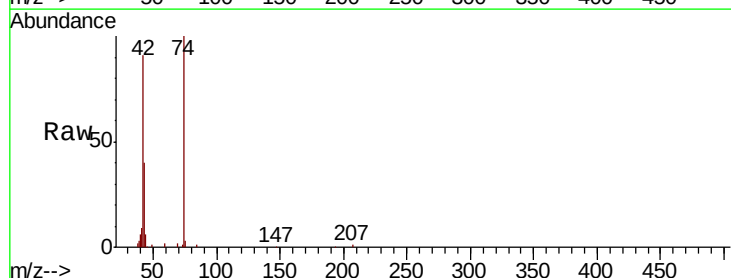
Tgt Ion: 42 Resp: 237458

Ion Ratio Lower Upper

42 100

74 109.4 88.6 132.8

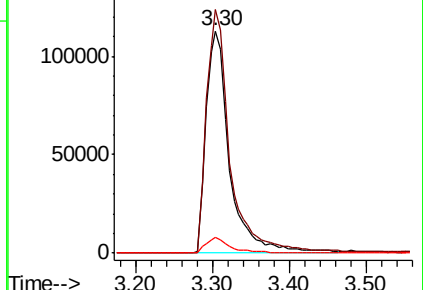
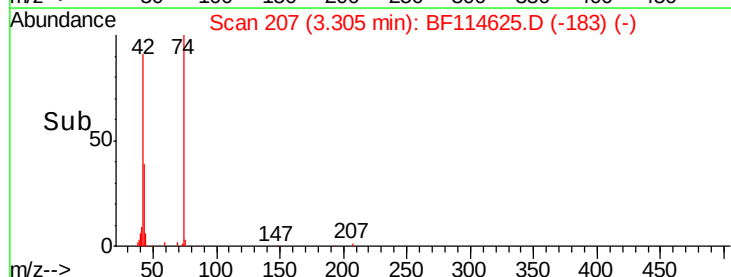
44 6.9 5.5 8.3

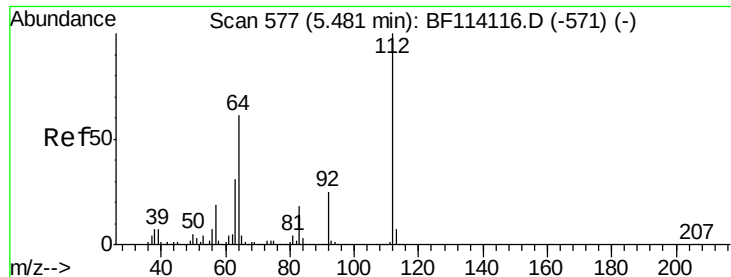


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 104.340 ng

RT: 5.44 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

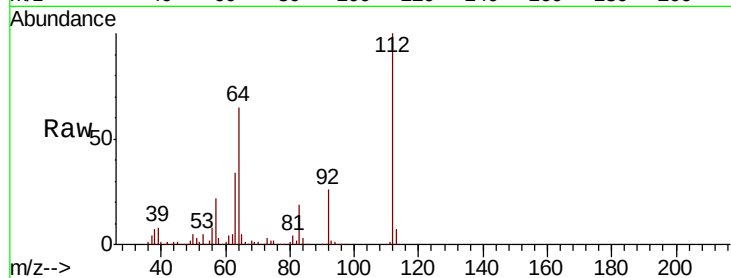
Tot Ion:112 Resp: 1146621

Ion Ratio Lower Upper

112 100

64 65.1 49.0 73.6

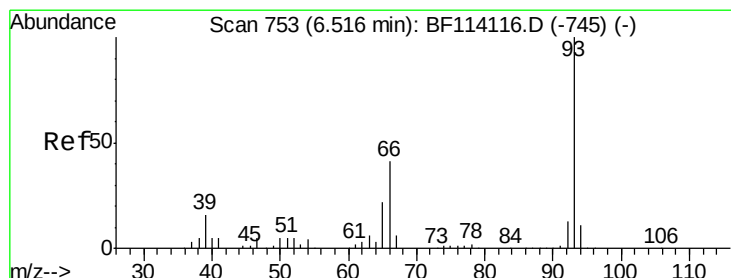
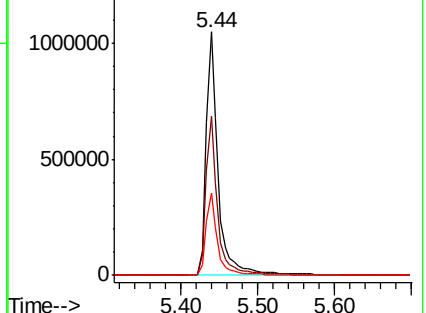
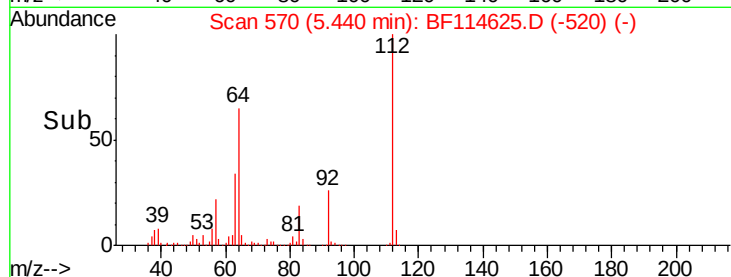
63 34.1 24.6 37.0



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: 23.441 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

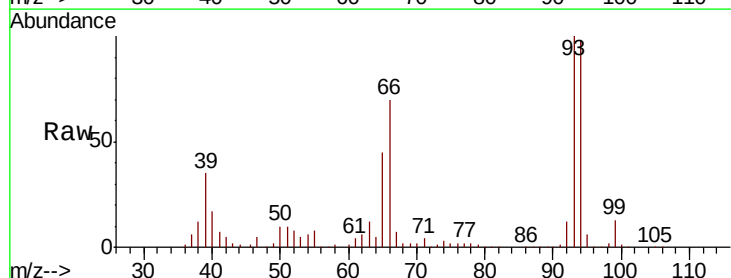
Tgt Ion: 93 Resp: 440111

Ion Ratio Lower Upper

93 100

66 70.3 33.2 49.8#

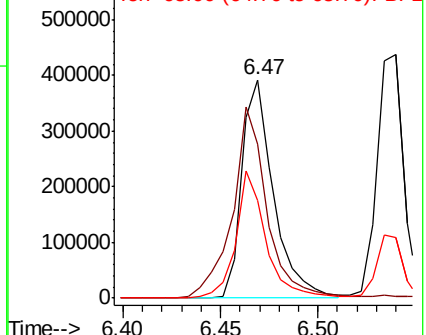
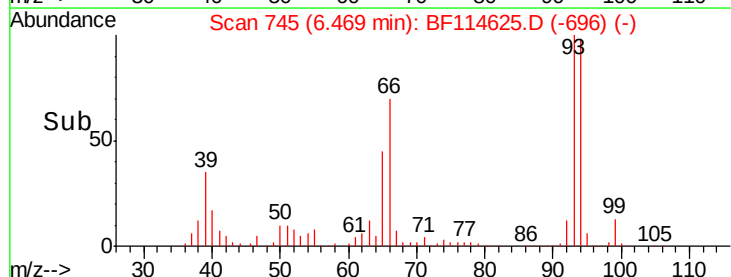
65 45.0 17.6 26.4#

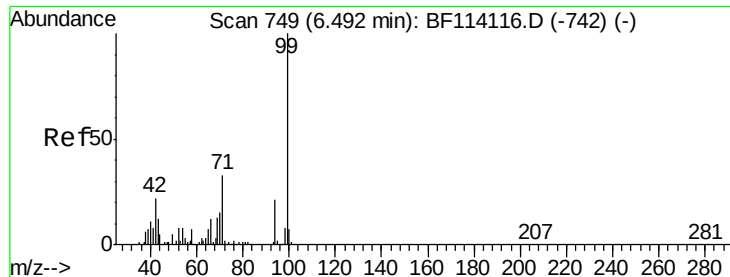


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.561 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

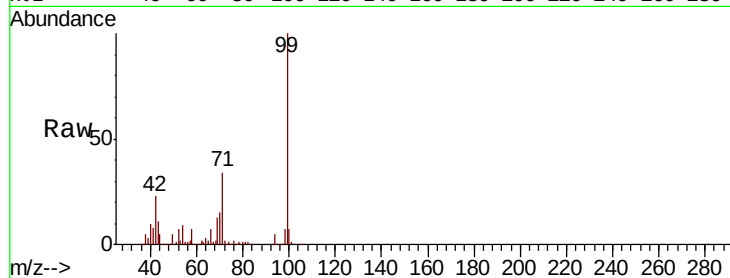
Tot Ion: 99 Resp: 1437002

Ion Ratio Lower Upper

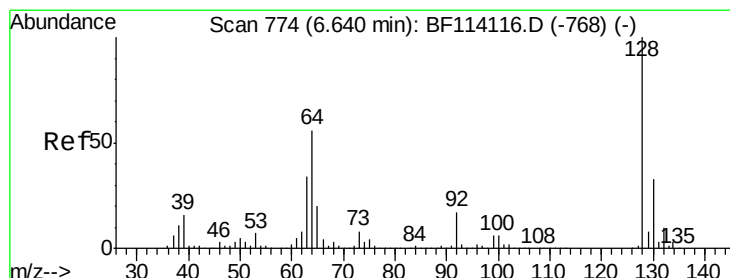
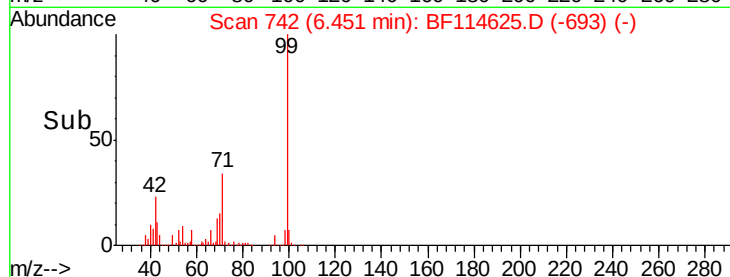
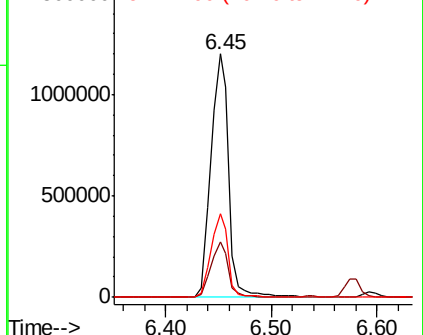
99 100

42 22.7 17.9 26.9

71 34.3 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: 37.149 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

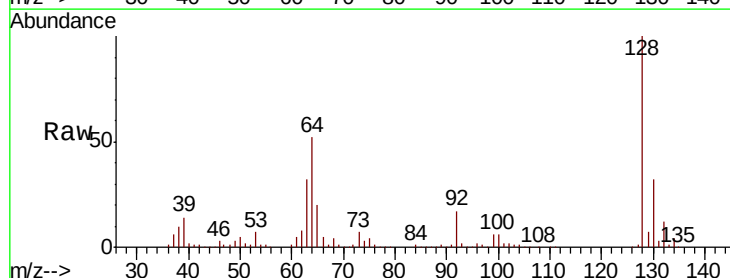
Tgt Ion: 128 Resp: 435825

Ion Ratio Lower Upper

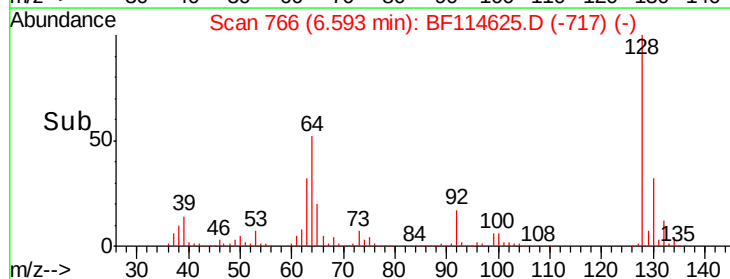
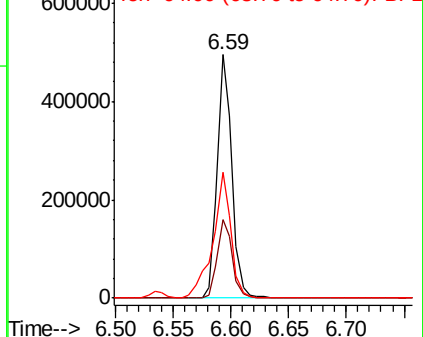
128 100

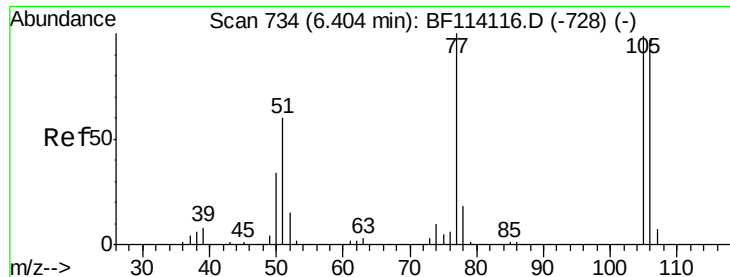
130 32.5 12.6 52.6

64 51.5 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: 23.230 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleID :

PB120038BS

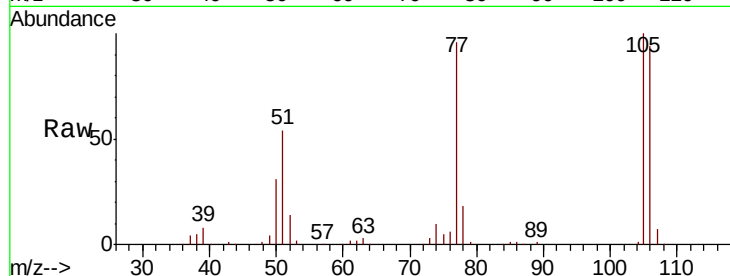
Tot Ion: 77 Resp: 211370

Ion Ratio Lower Upper

77 100

105 103.8 79.3 119.3

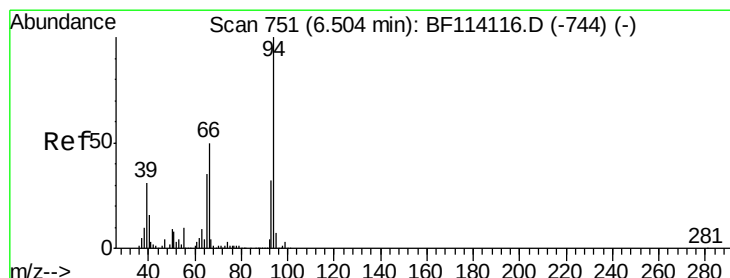
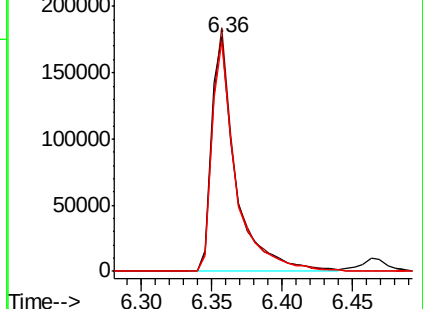
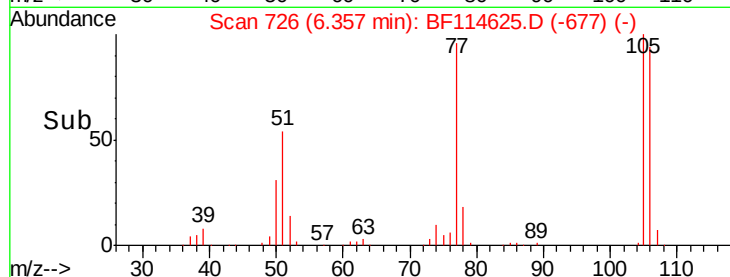
106 97.8 77.0 117.0



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: 34.744 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

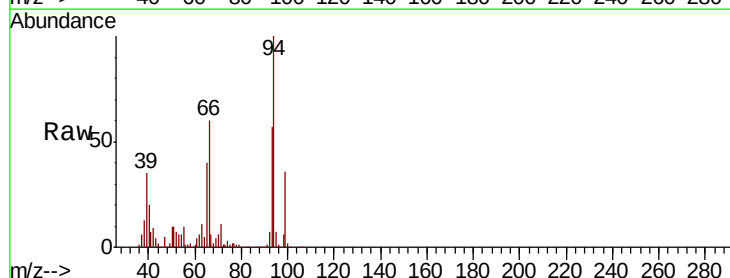
Tgt Ion: 94 Resp: 531232

Ion Ratio Lower Upper

94 100

65 40.2 14.7 54.7

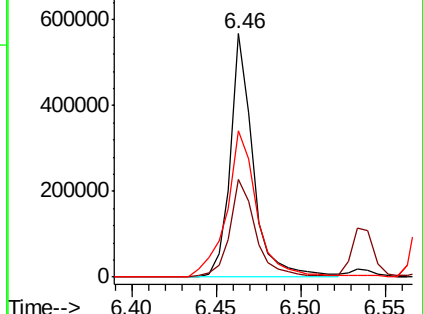
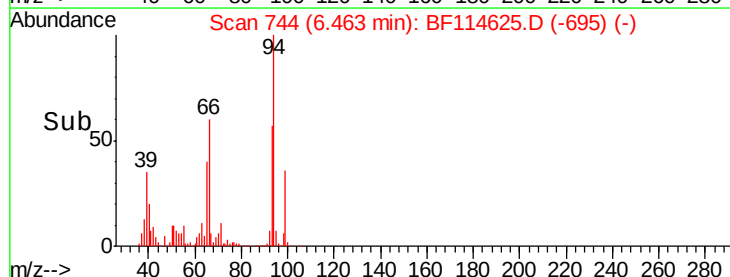
66 60.3 29.6 69.6

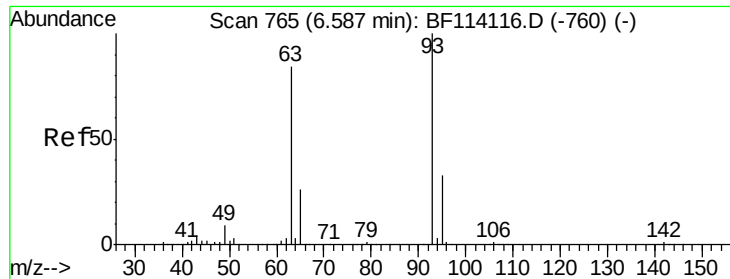


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 35.156 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

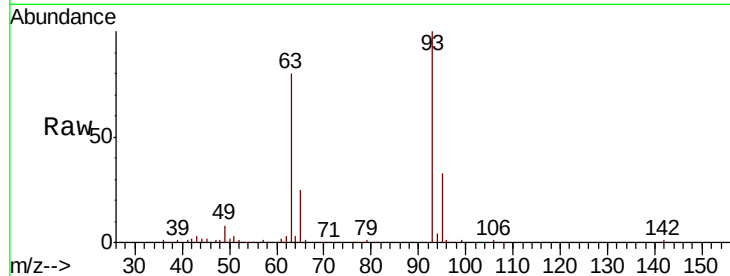
Tot Ion: 93 Resp: 408081

Ion Ratio Lower Upper

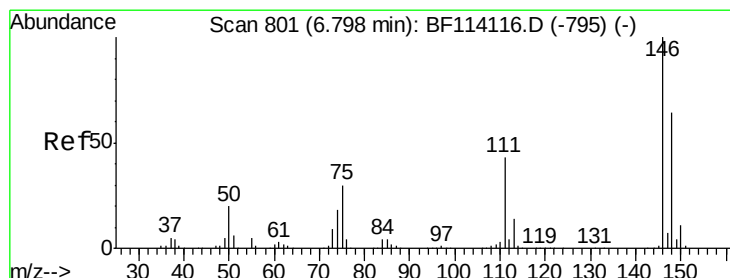
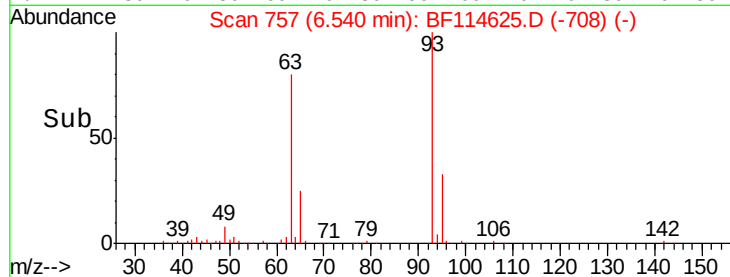
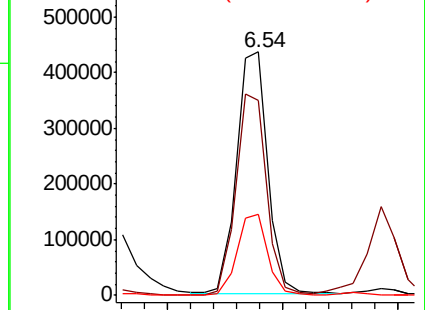
93 100

63 80.1 63.6 103.6

95 33.5 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 34.443 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.02 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

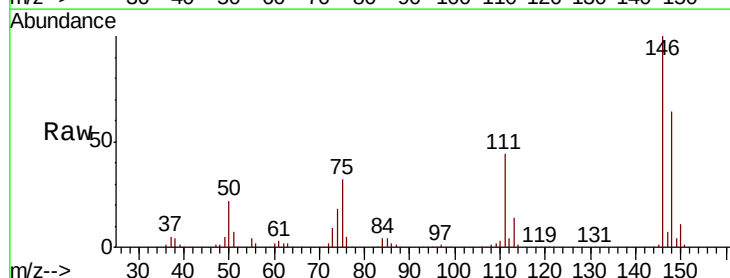
Tgt Ion: 146 Resp: 453574

Ion Ratio Lower Upper

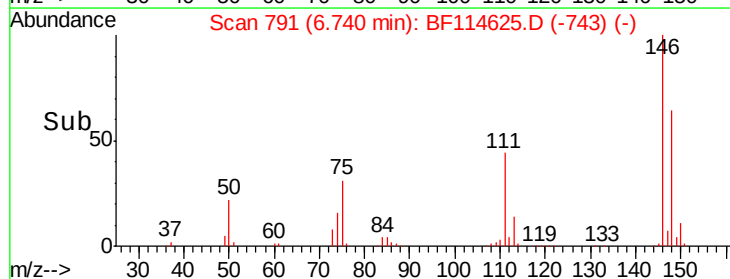
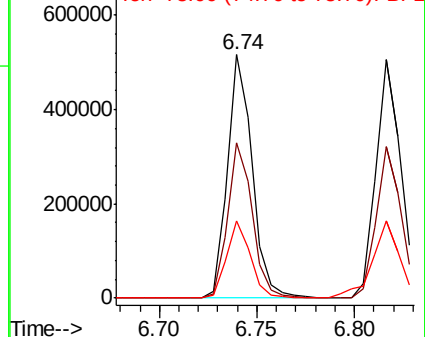
146 100

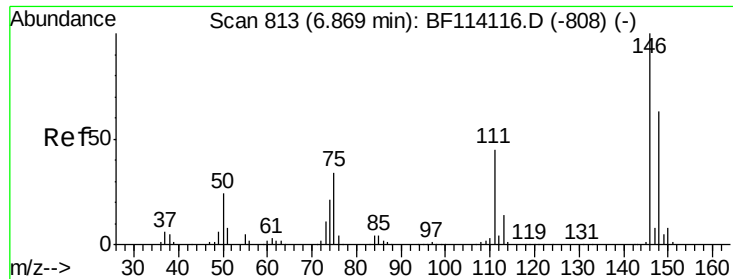
148 63.9 51.6 77.4

75 31.6 24.2 36.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

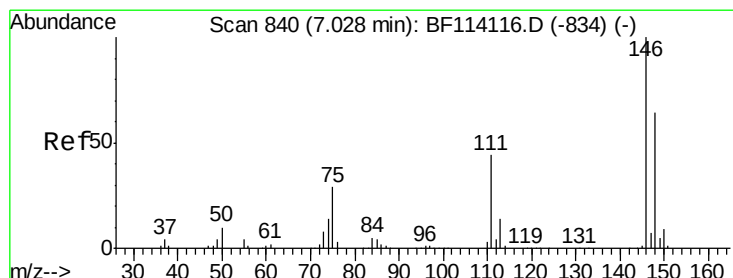
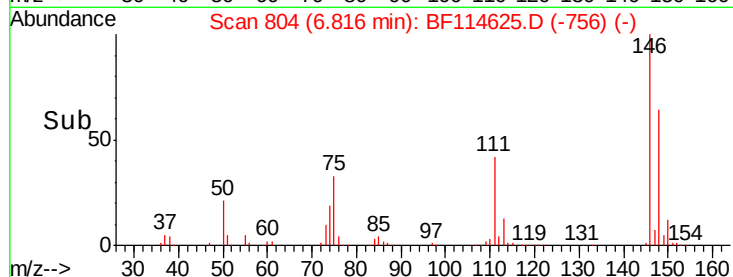
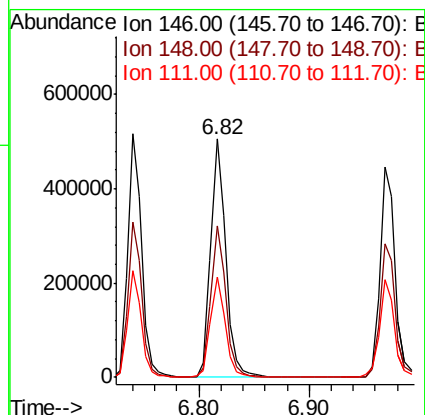
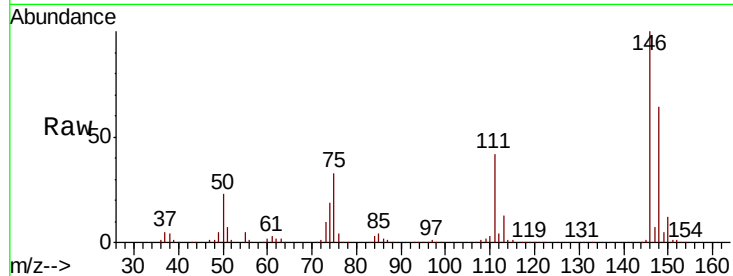




#13
 1,4-Dichlorobenzene
 Concen: 34.992 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

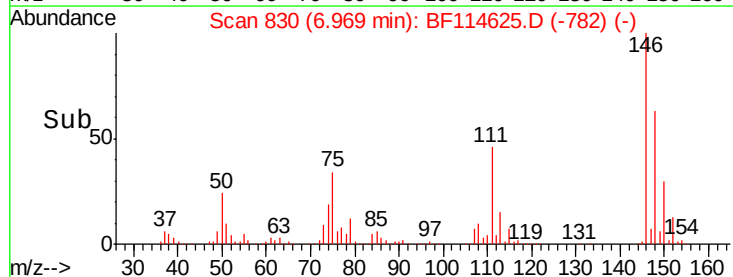
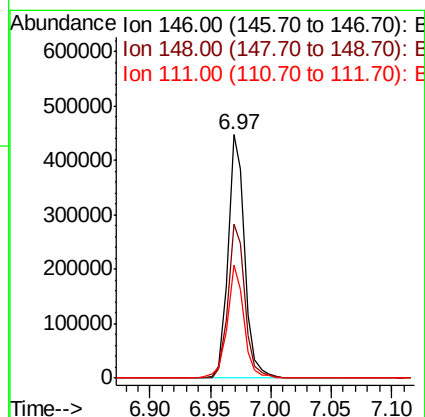
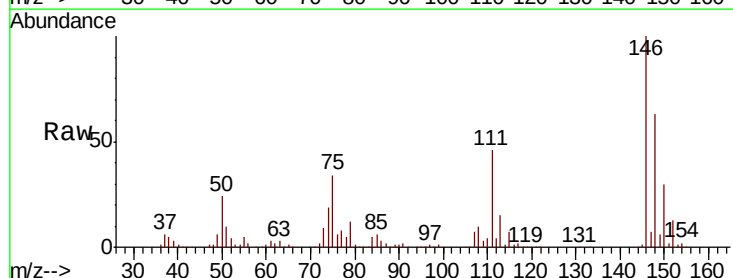
Instrument :
 BNA_F
 ClientSampleId :
 PB120038BS

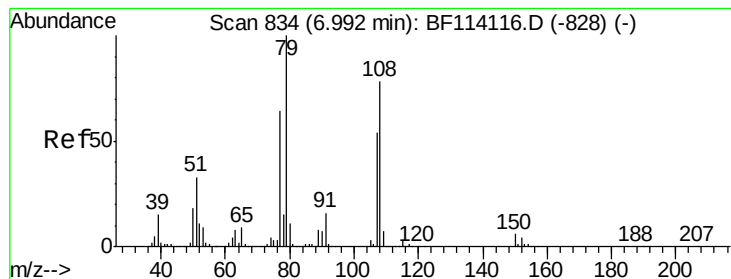
Tot Ion:146 Resp: 464343
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.2 75.2
 111 42.4 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 35.140 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Tgt Ion:146 Resp: 426021
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.1 76.7
 111 46.3 35.3 52.9





#15

Benzyl Alcohol

Concen: 33.454 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

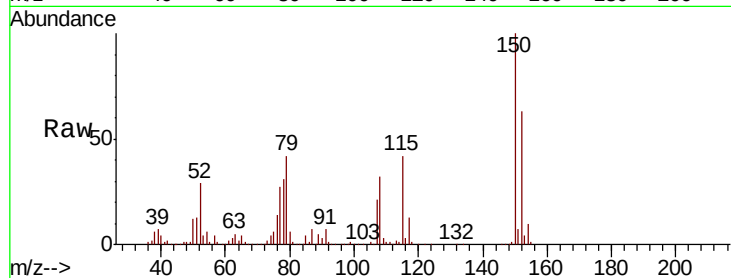
Tot Ion: 79 Resp: 339134

Ion Ratio Lower Upper

79 100

108 74.7 62.1 93.1

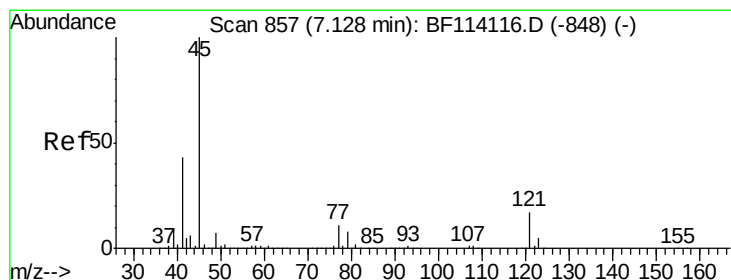
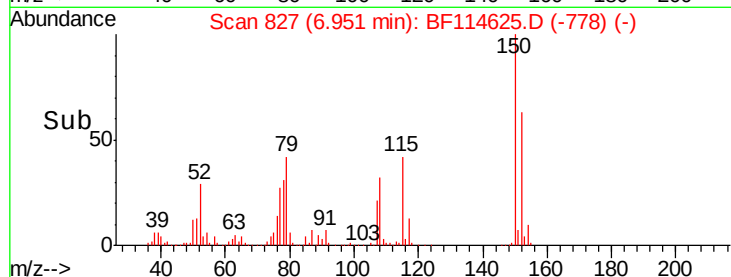
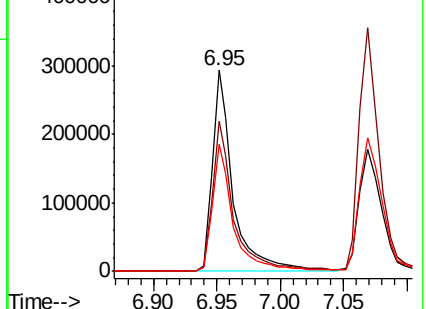
77 63.2 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.618 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

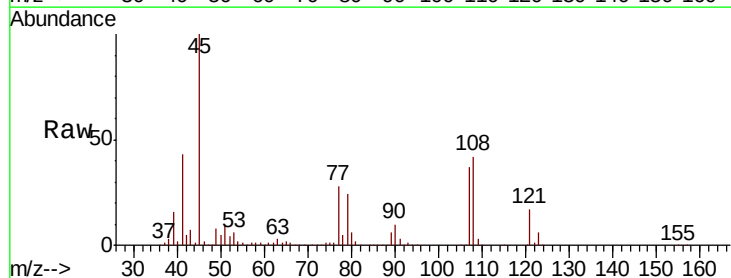
Tgt Ion: 45 Resp: 734132

Ion Ratio Lower Upper

45 100

77 27.5 0.0 31.1

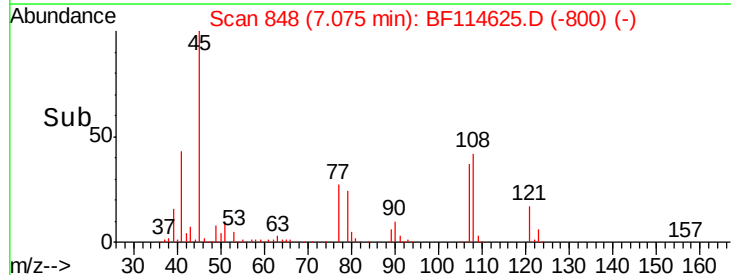
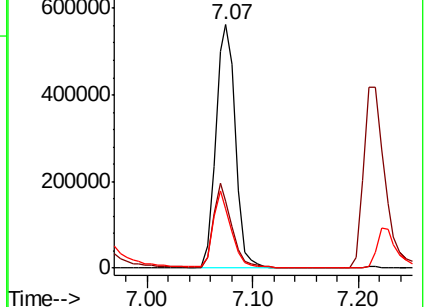
79 24.3 0.0 28.4

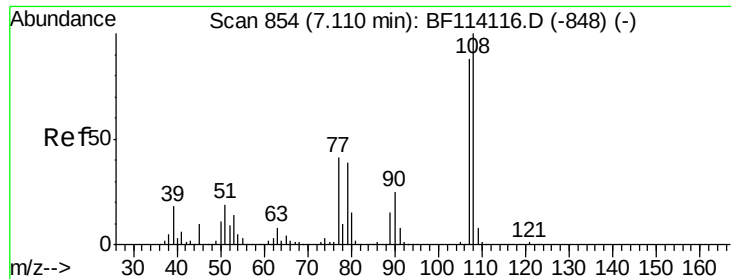


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

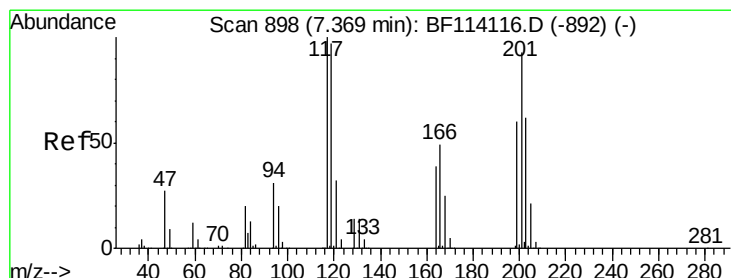
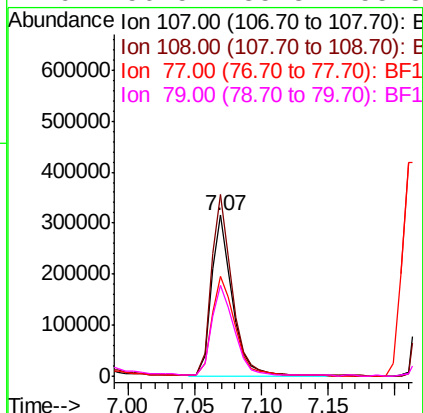
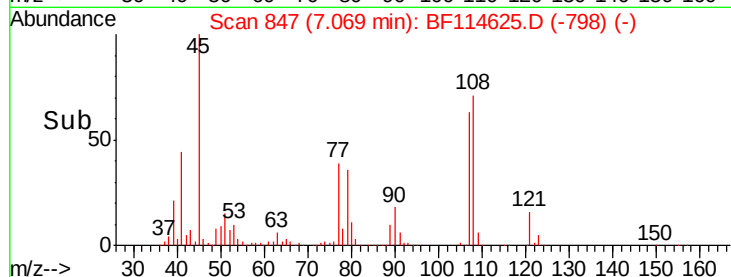
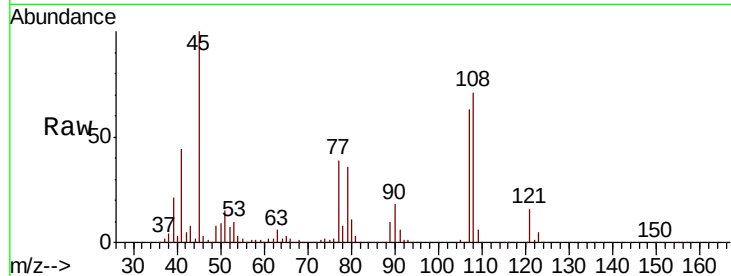




#17
2-Methylphenol
Concen: 35.584 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

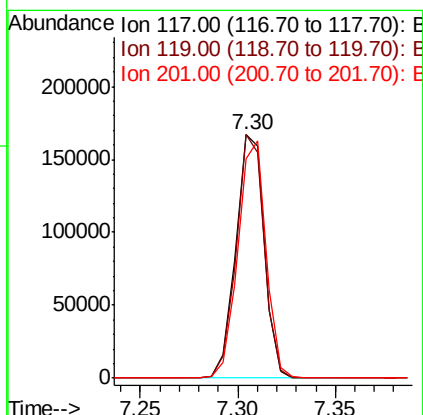
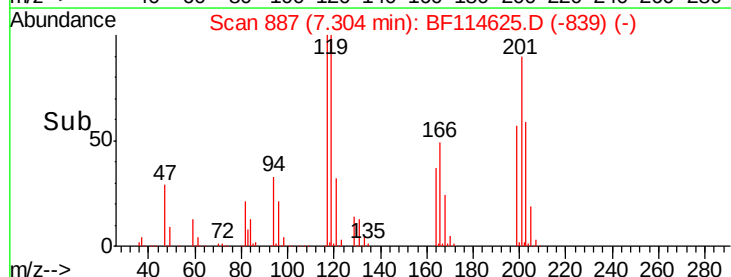
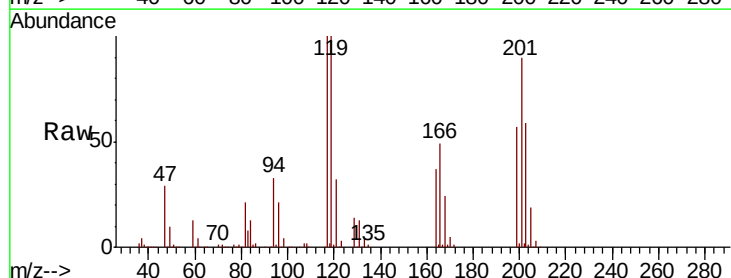
Instrument :
BNA_F
ClientSampleId :
PB120038BS

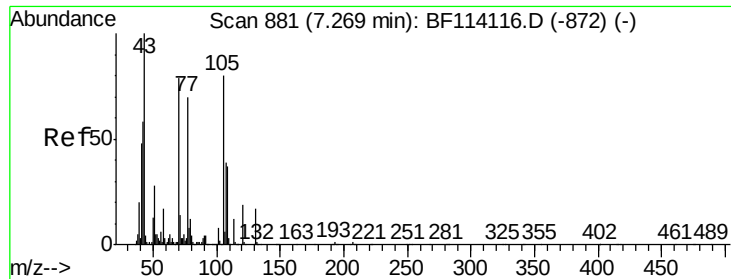
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.5	135.7
77	61.8	37.0	55.4
79	56.5	35.8	53.8



#18
Hexachloroethane
Concen: 33.749 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.2	77.4	116.2
201	90.2	74.5	111.7

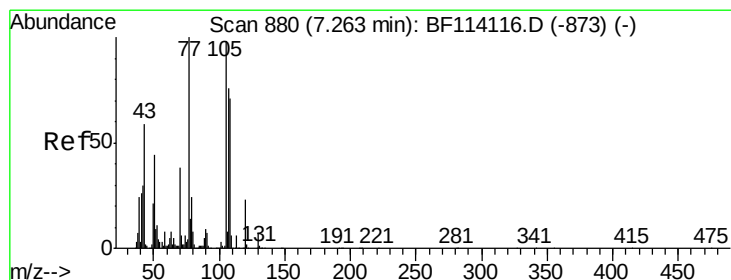
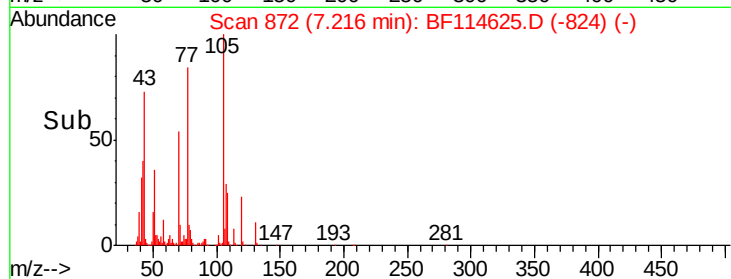
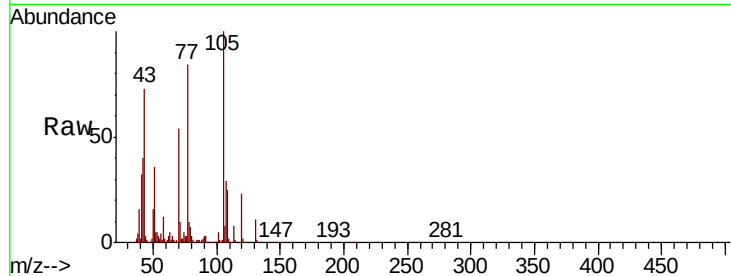
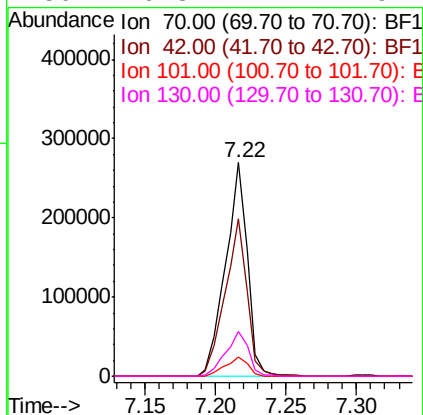




#19
n-Nitroso-di-n-propylamine
Concen: 35.301 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

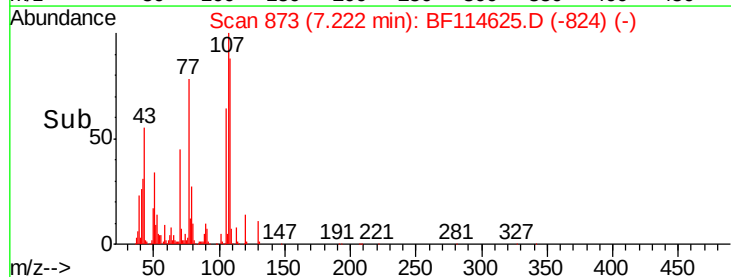
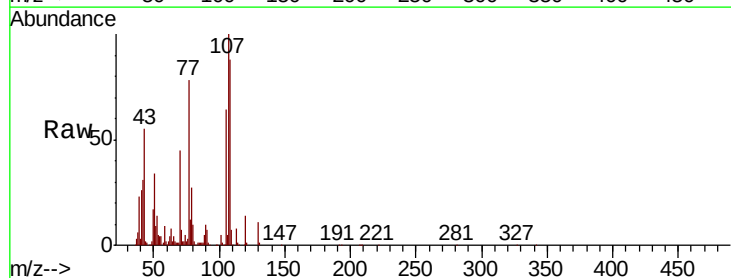
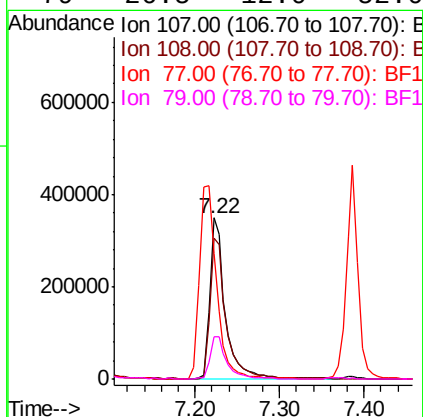
Instrument :
BNA_F
ClientSampleId :
PB120038BS

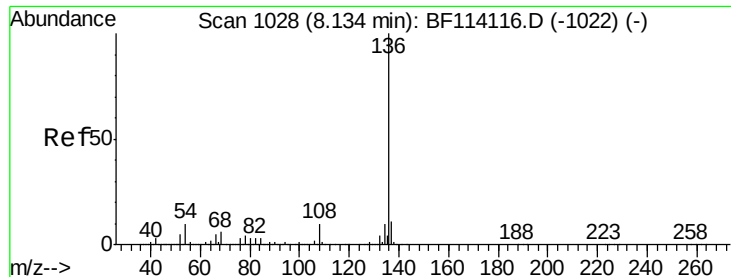
Tot Ion:	70	Resp:	290821
Ion	Ratio	Lower	Upper
70	100		
42	74.0	58.6	87.8
101	9.1	7.8	11.8
130	20.8	17.1	25.7



#20
3+4-Methylphenols
Concen: 39.847 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion:	107	Resp:	443673
Ion	Ratio	Lower	Upper
107	100		
108	87.6	73.8	113.8
77	78.3	111.5	151.5#
79	26.5	12.0	52.0

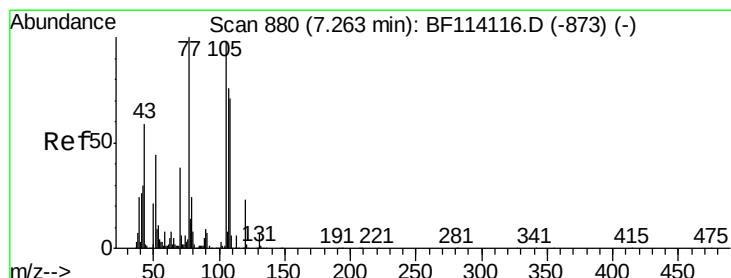
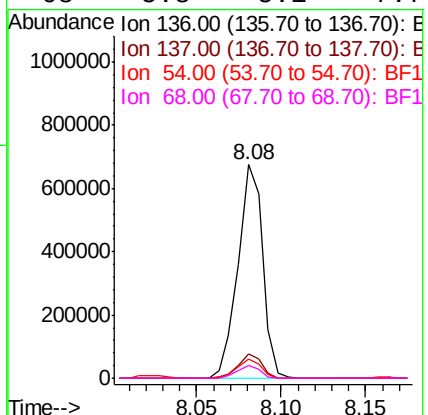
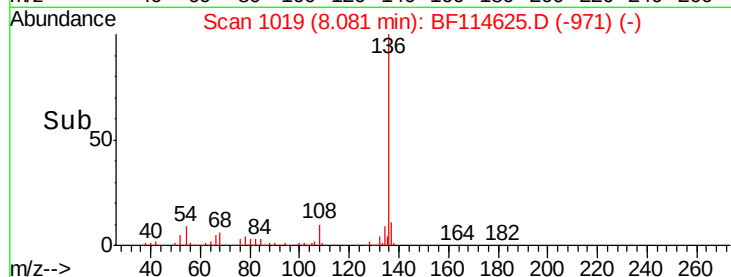
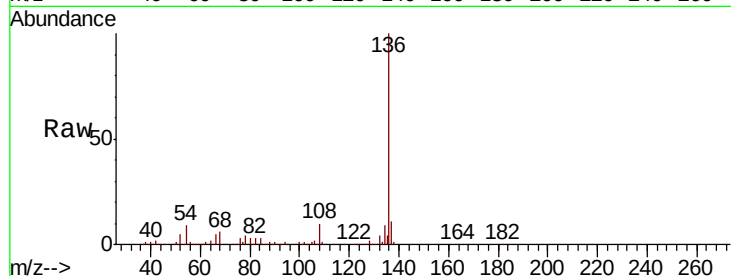




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

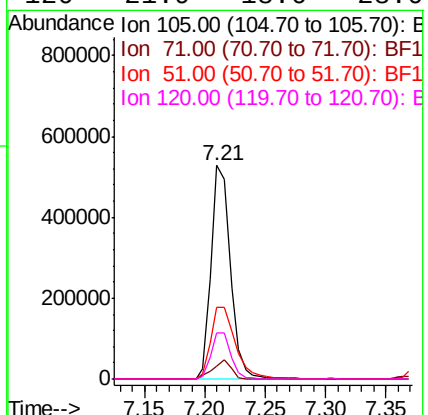
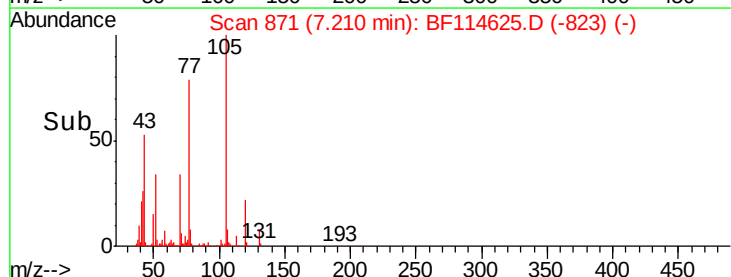
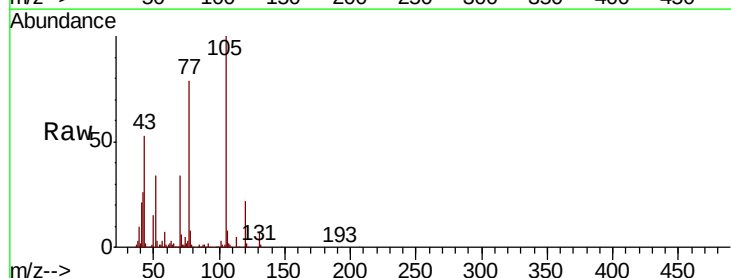
Instrument :
BNA_F
ClientSampleId :
PB120038BS

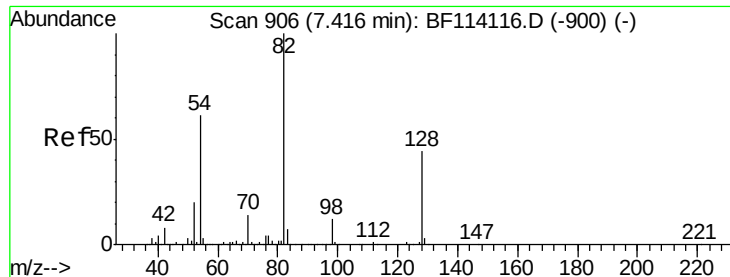
Tot Ion:136	Resp:	690444
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.8 13.2
54	9.1	7.8 11.8
68	5.8	5.1 7.7



#22
Acetophenone
Concen: 37.991 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion:105	Resp:	581090
Ion Ratio	Lower	Upper
105	100	
71	5.7	5.3 7.9
51	33.8	36.2 54.4#
120	21.9	18.6 28.0

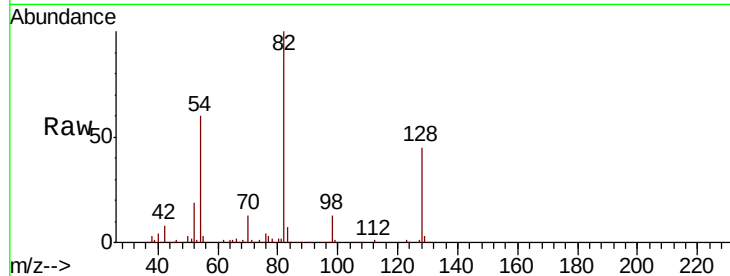




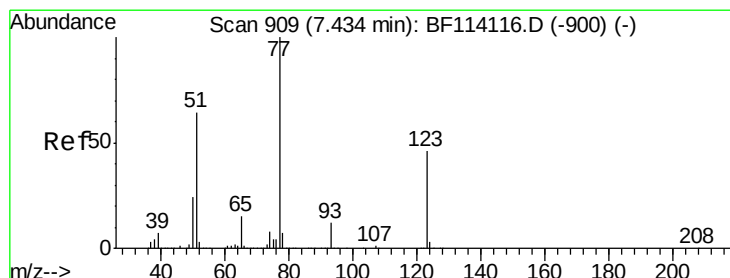
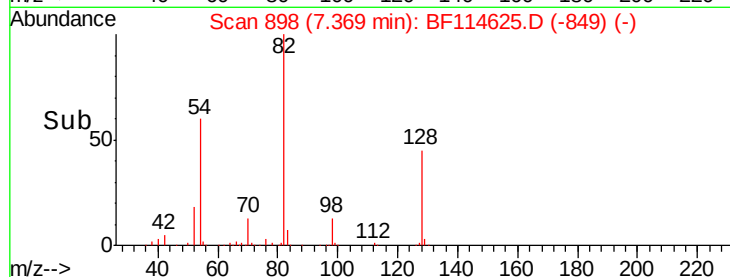
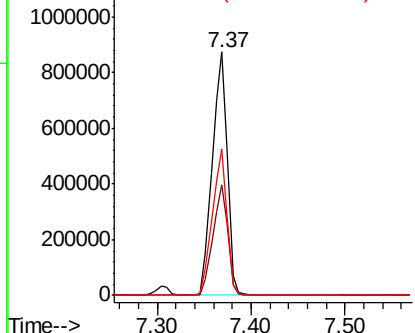
#23
 Nitrobenzene-d5
 Concen: 80.726 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.5	53.3
54	60.2	48.5	72.7

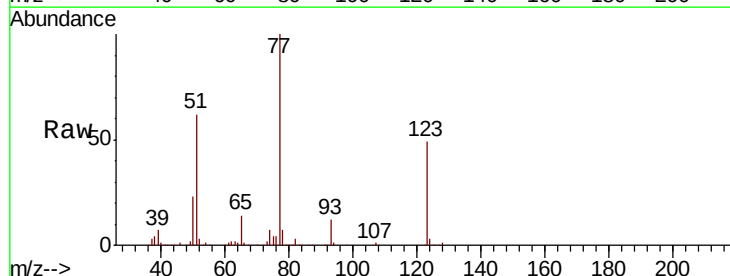


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

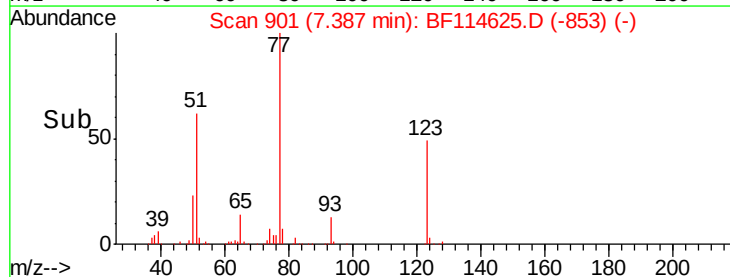
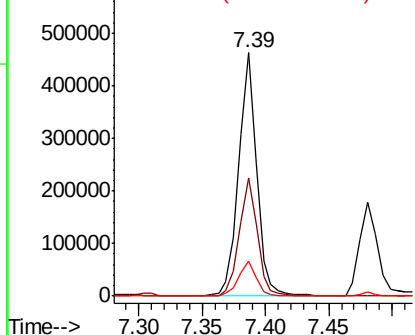


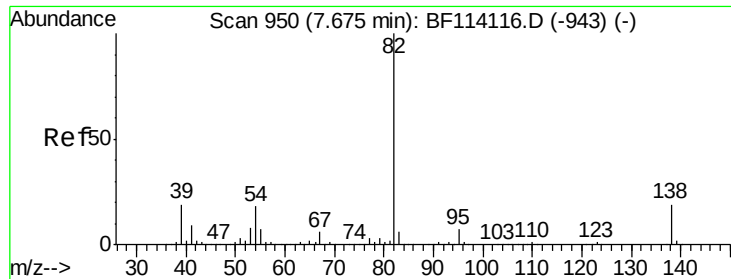
#24
 Nitrobenzene
 Concen: 35.938 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	36.9	55.3
65	14.4	11.8	17.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.347 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

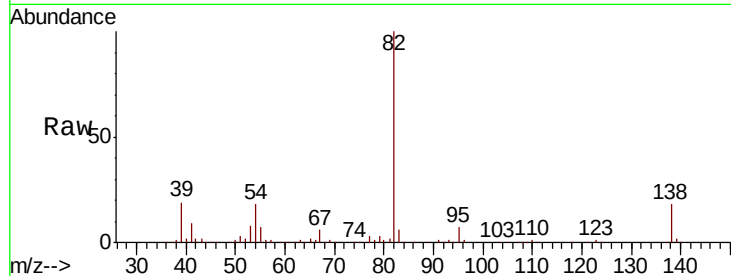
Tot Ion: 82 Resp: 806523

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

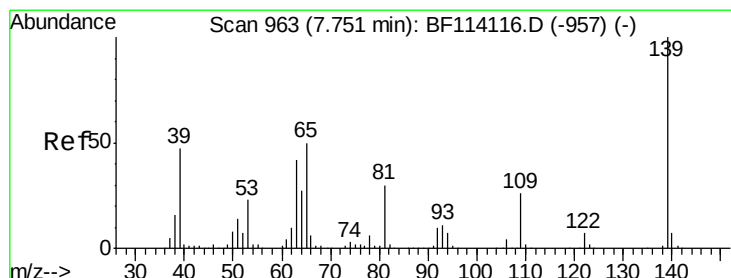
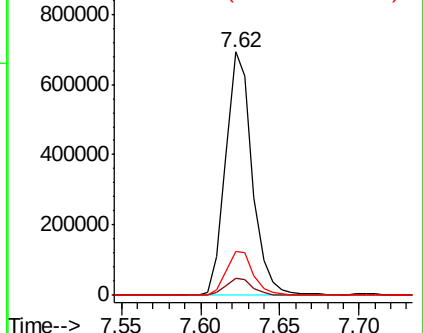
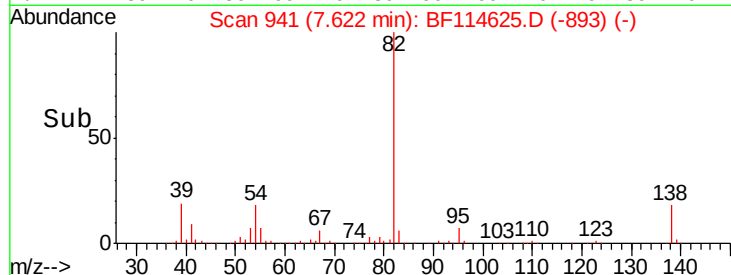
138 17.8 14.8 22.2



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: 38.485 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

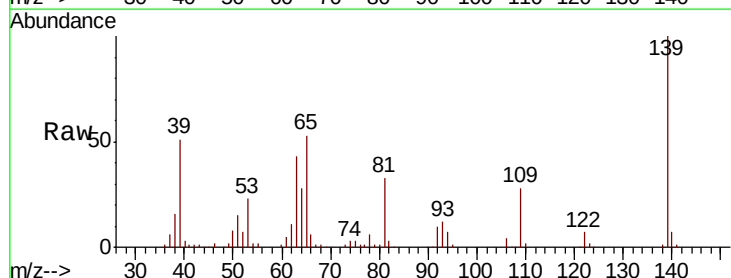
Tgt Ion: 139 Resp: 233969

Ion Ratio Lower Upper

139 100

109 28.3 20.7 31.1

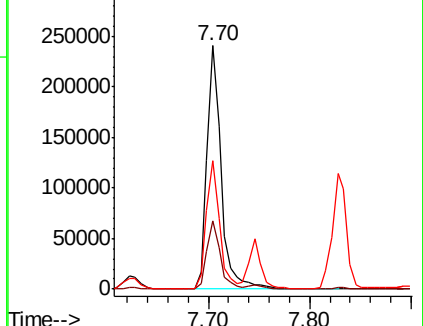
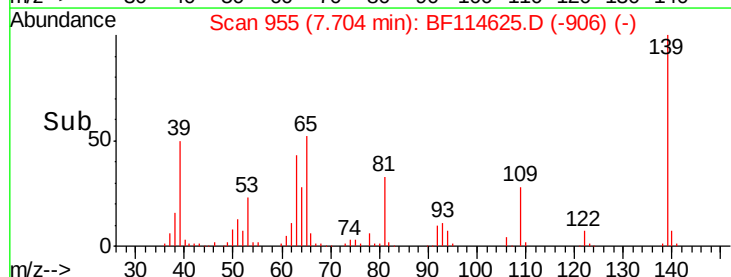
65 52.7 40.2 60.2

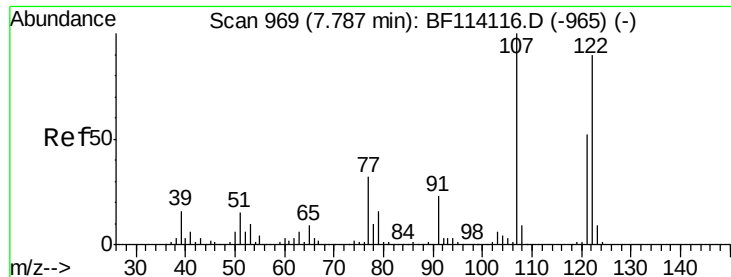


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.466 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

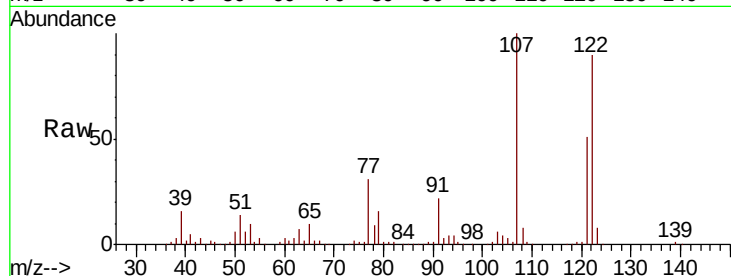
Tot Ion:122 Resp: 376832

Ion Ratio Lower Upper

122 100

107 111.3 88.4 132.6

121 57.3 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

600000

400000

200000

0

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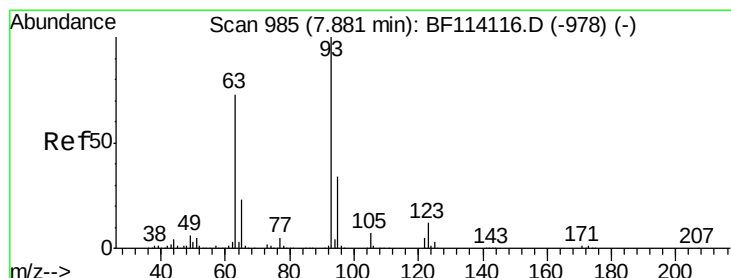
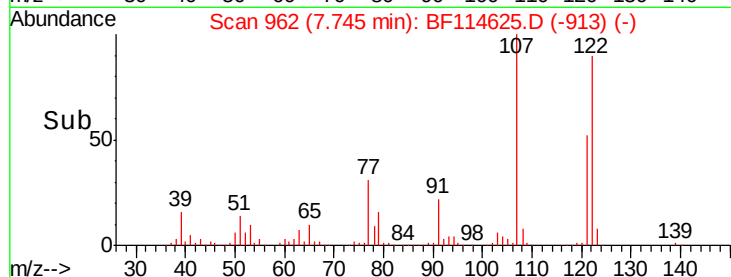
7.75

7.75

7.75

7.75

7.75



#28

bis(2-Chloroethoxy)methane

Concen: 34.683 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.02 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

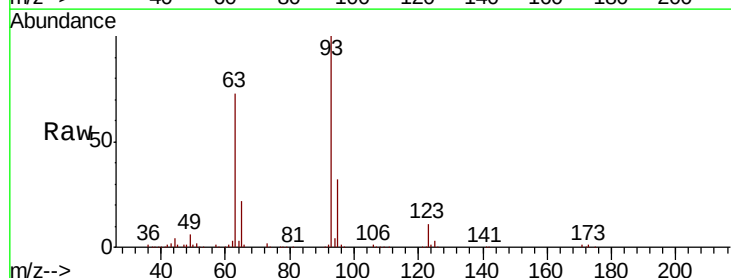
Tgt Ion: 93 Resp: 513476

Ion Ratio Lower Upper

93 100

95 32.1 26.8 40.2

123 10.9 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

600000

400000

200000

0

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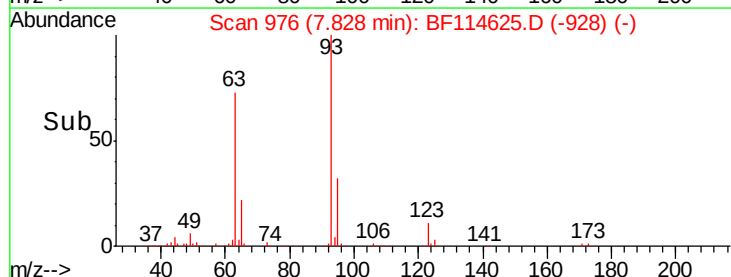
7.83

7.83

7.83

7.83

7.83



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

600000

400000

200000

0

7.83

7.83

7.83

7.83

7.83

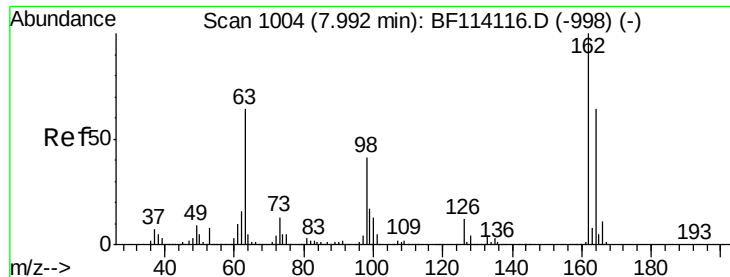
7.83

7.83

7.83

7.83

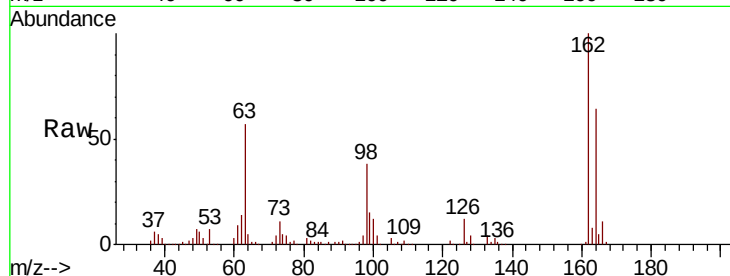
7.83



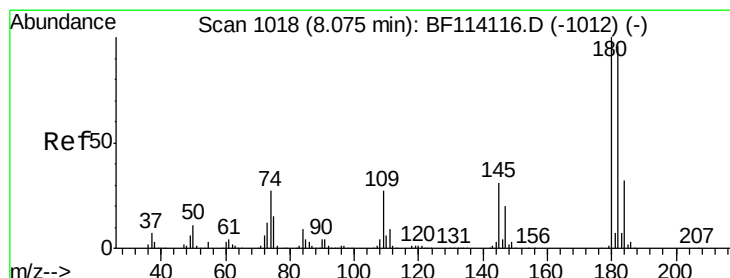
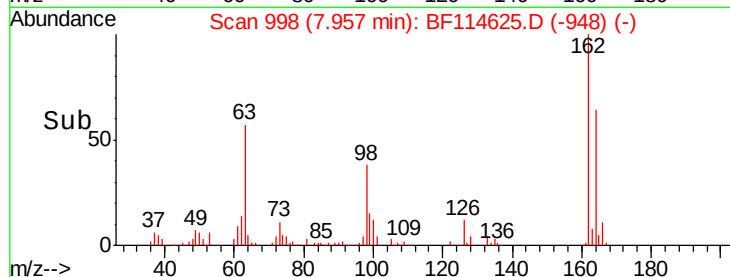
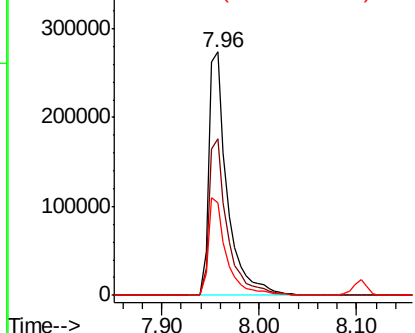
#29
2,4-Dichlorophenol
Concen: 37.440 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.6	83.6
98	38.2	20.6	60.6

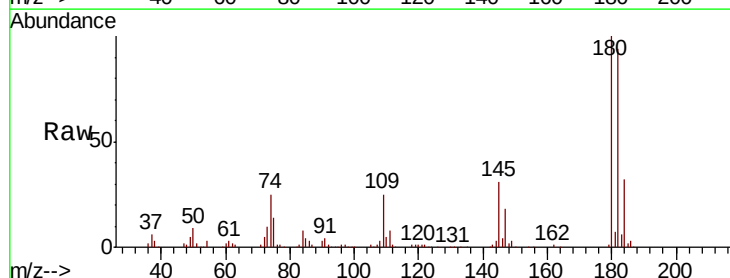


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

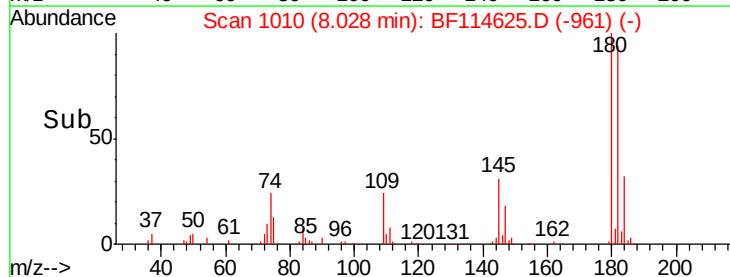
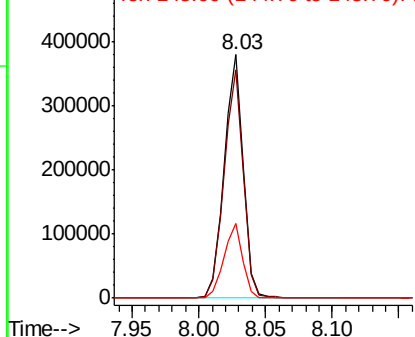


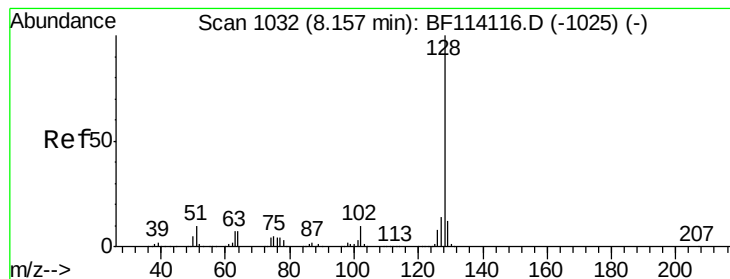
#30
1,2,4-Trichlorobenzene
Concen: 35.467 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.6	114.8
145	30.6	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: 38.049 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

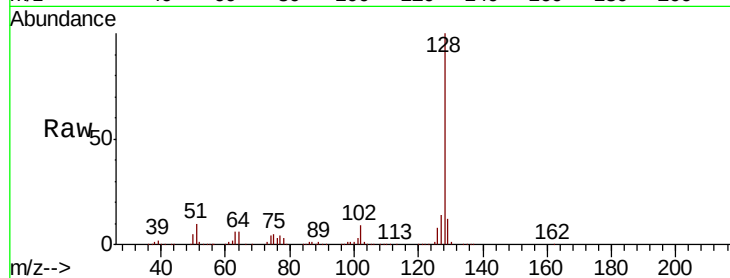
Tot Ion:128 Resp: 1227143

Ion Ratio Lower Upper

128 100

129 11.6 9.6 14.4

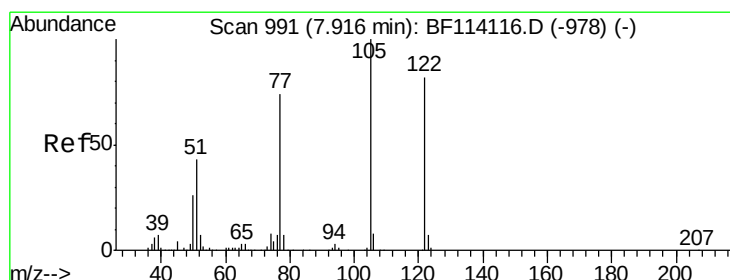
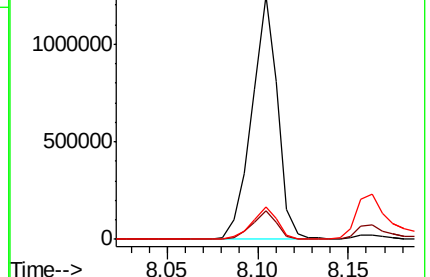
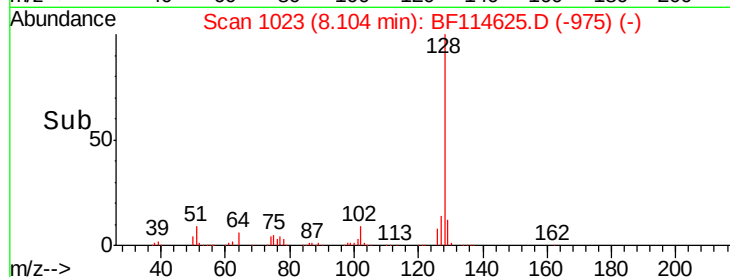
127 13.5 11.3 16.9



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: 31.947 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

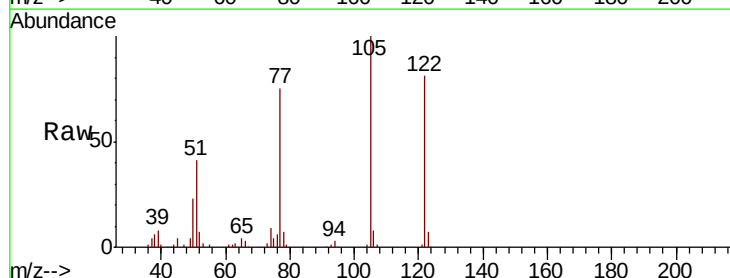
Tgt Ion:122 Resp: 198779

Ion Ratio Lower Upper

122 100

105 123.7 99.9 139.9

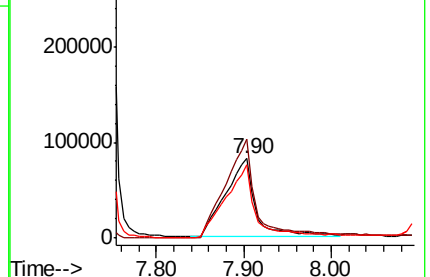
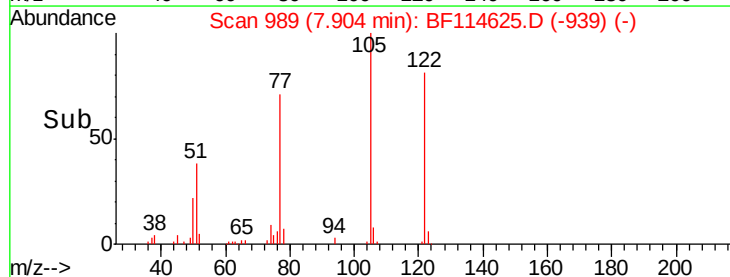
77 92.8 69.4 109.4

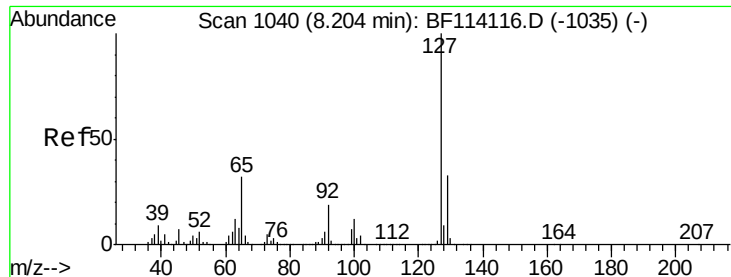


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

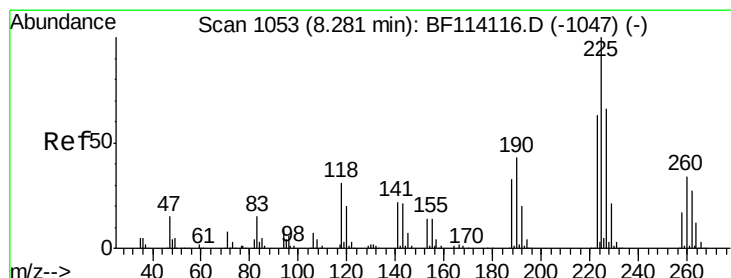
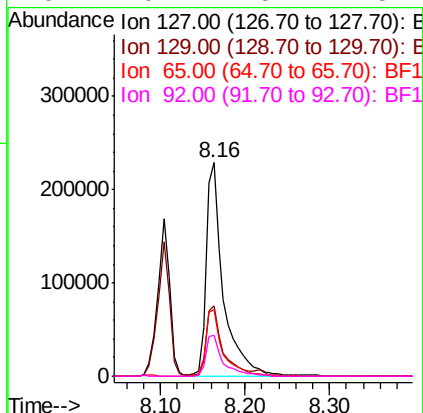
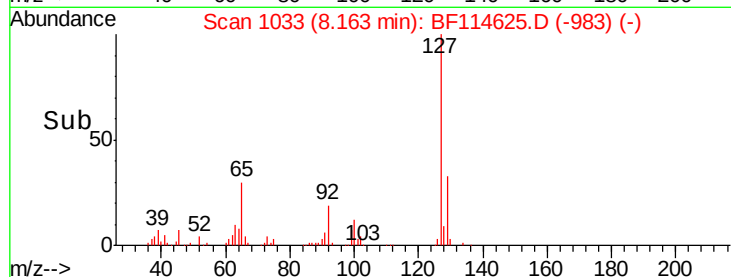
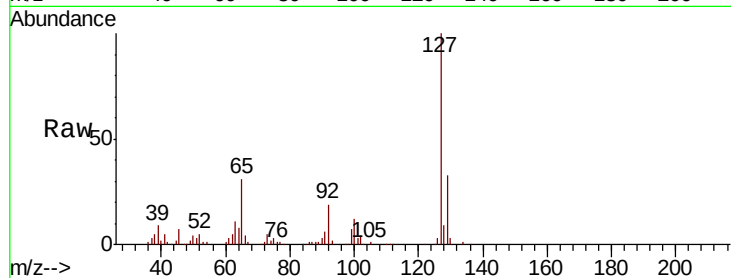




#33
4-Chloroaniline
Concen: 21.903 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

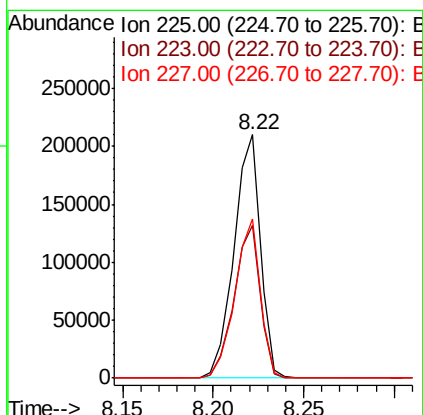
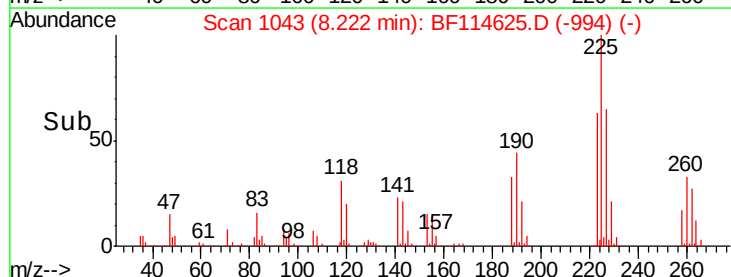
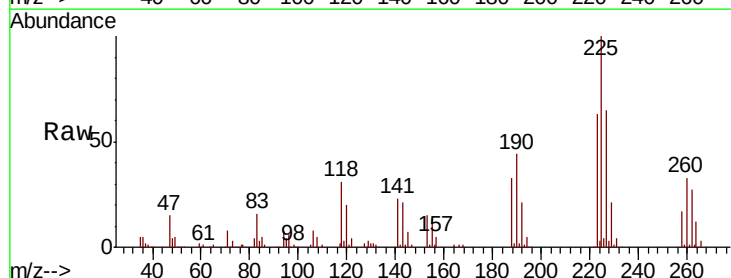
Instrument :
BNA_F
ClientSampleId :
PB120038BS

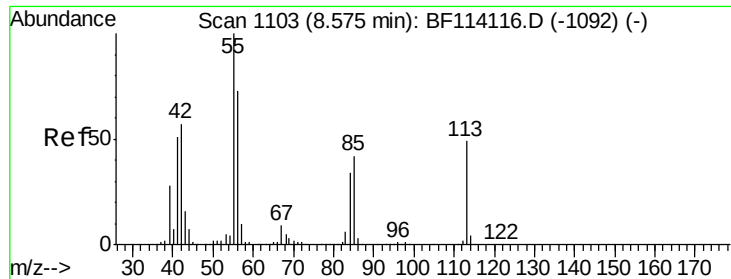
Tot Ion:	127	Resp:	321912
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.7	40.1
65	31.0	25.4	38.0
92	19.1	15.4	23.2



#34
Hexachlorobutadiene
Concen: 34.529 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion:	225	Resp:	212412
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.2
227	65.2	52.6	79.0

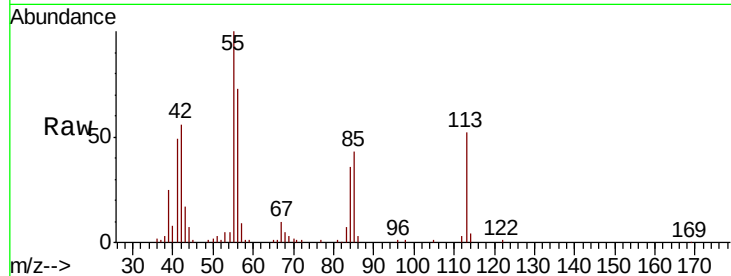




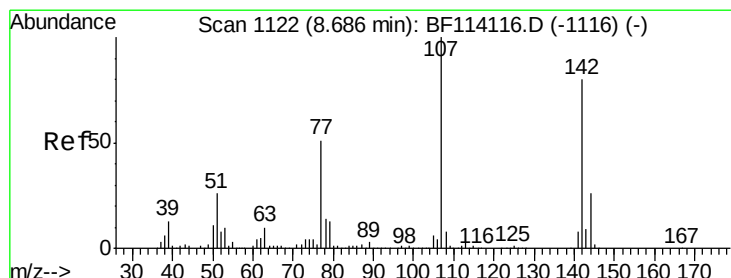
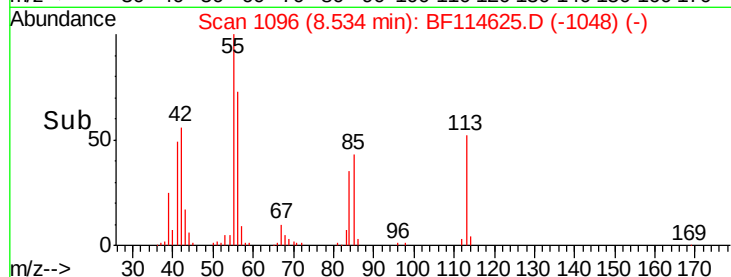
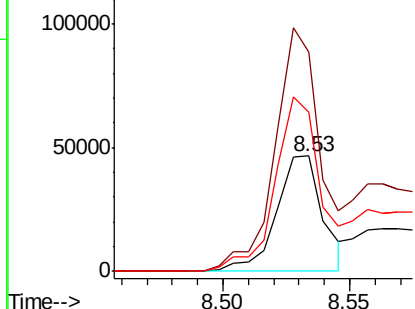
#35
Caprolactam
Concen: 19.017 ng
RT: 8.53 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion:113 Resp: 58957
Ion Ratio Lower Upper
113 100
55 191.1 183.5 223.5
56 138.7 128.8 168.8

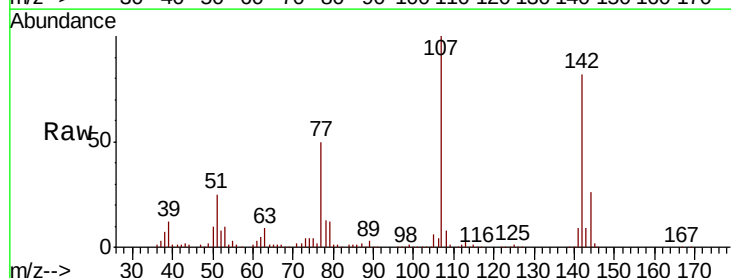


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

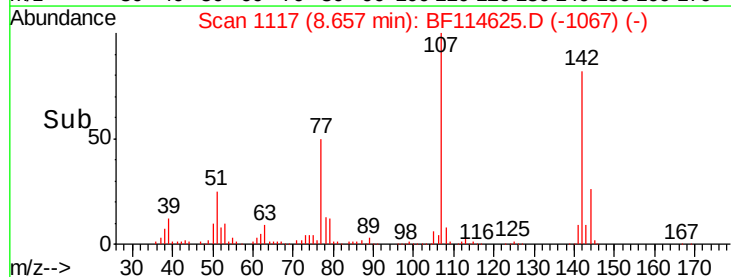
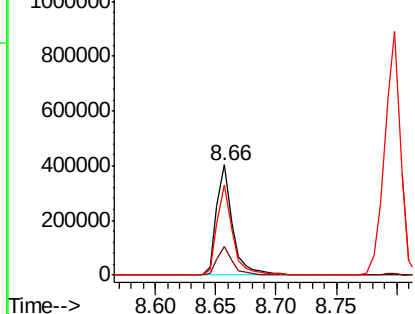


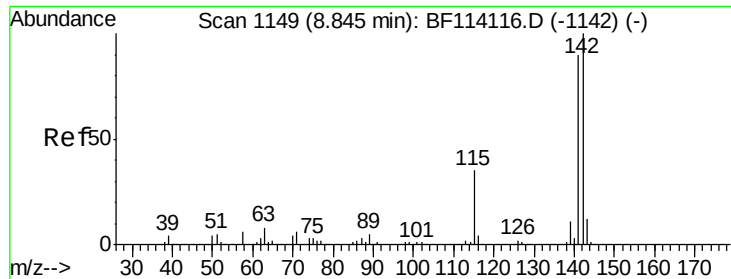
#36
4-Chloro-3-methylphenol
Concen: 38.570 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion:107 Resp: 369131
Ion Ratio Lower Upper
107 100
144 26.4 20.4 30.6
142 81.7 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

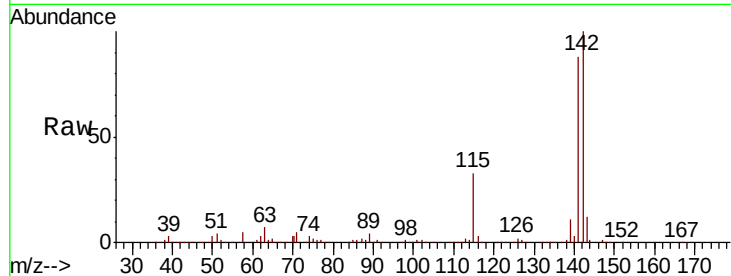




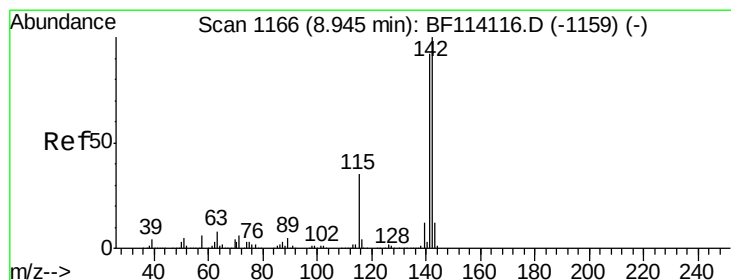
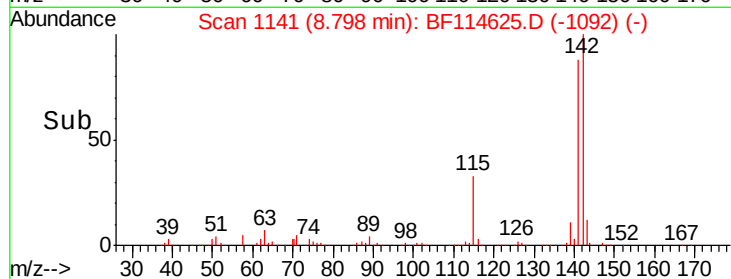
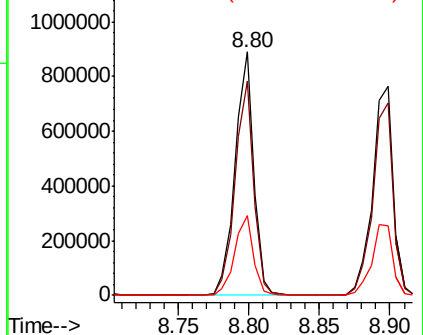
#37
2-Methylnaphthalene
Concen: 39.215 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion:142 Resp: 816010
Ion Ratio Lower Upper
142 100
141 88.1 72.1 108.1
115 32.8 28.0 42.0

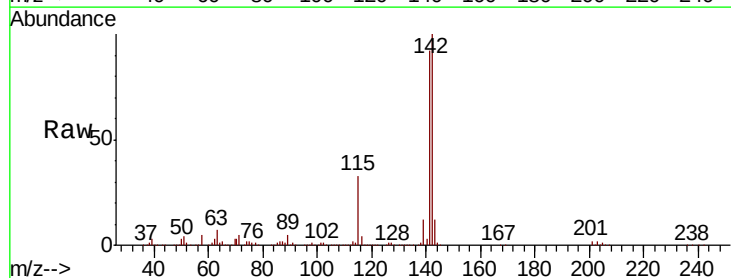


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

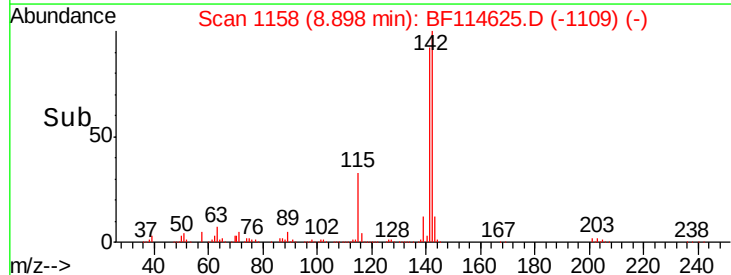
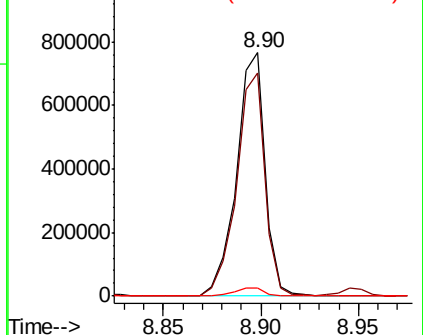


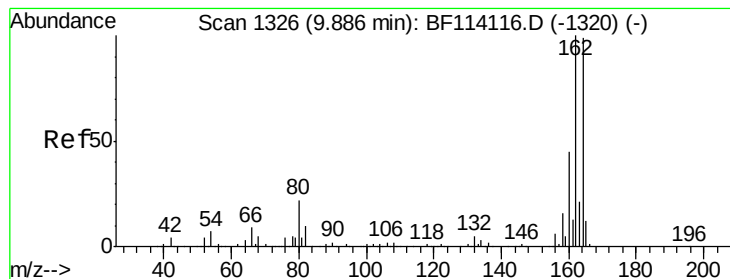
#38
1-Methylnaphthalene
Concen: 39.416 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion:142 Resp: 772390
Ion Ratio Lower Upper
142 100
141 91.7 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: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

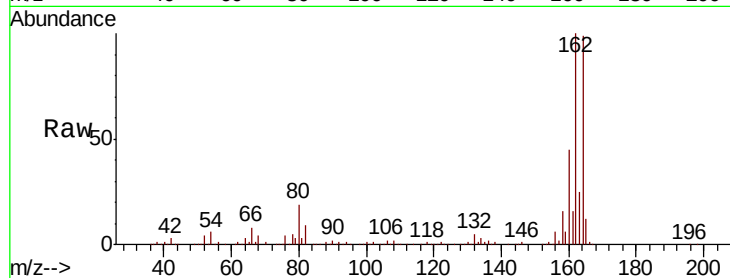
Tot Ion:164 Resp: 329084

Ion Ratio Lower Upper

164 100

162 100.8 80.6 120.8

160 45.2 36.5 54.7

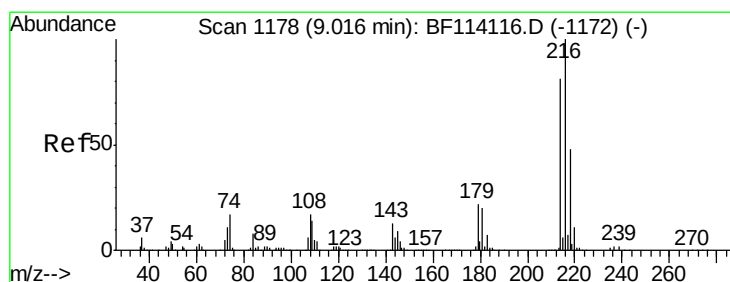
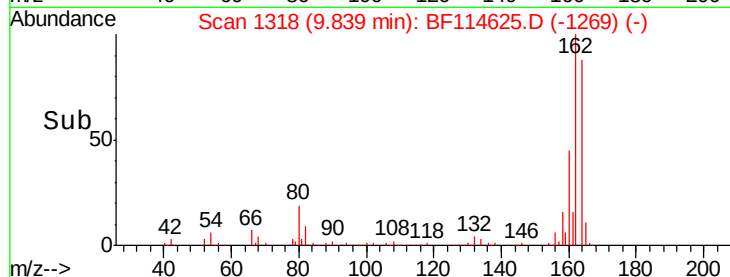
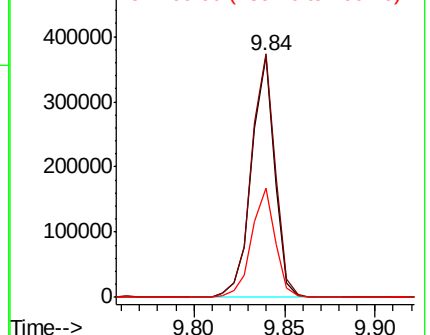


Abundance

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: 37.127 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Tgt Ion:216 Resp: 370106

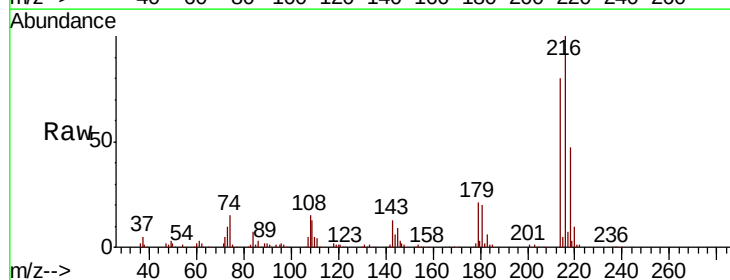
Ion Ratio Lower Upper

216 100

214 80.6 63.9 95.9

179 21.5 17.0 25.6

108 18.4 14.8 22.2



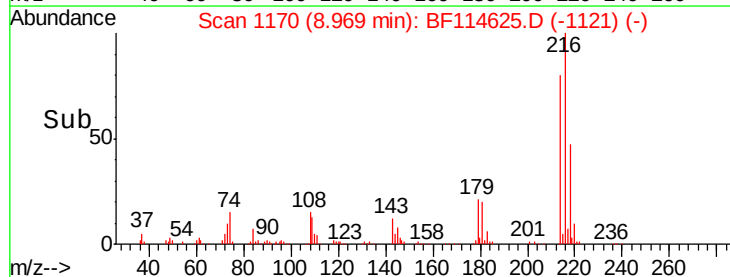
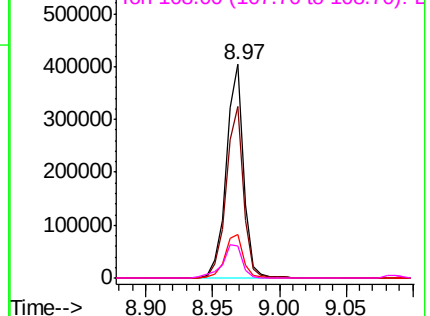
Abundance

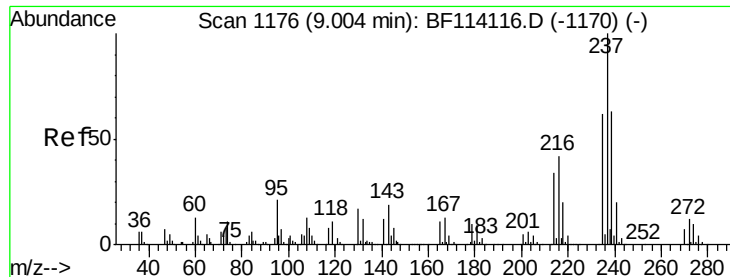
Ion 216.00 (215.70 to 216.70): E

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

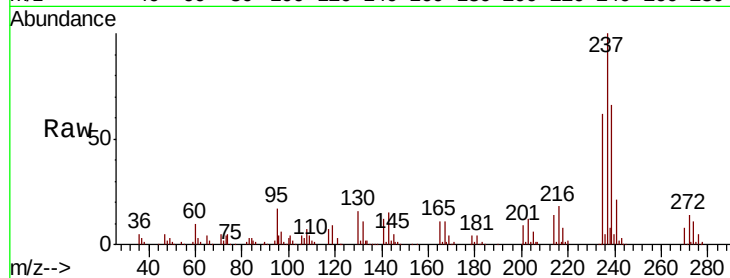




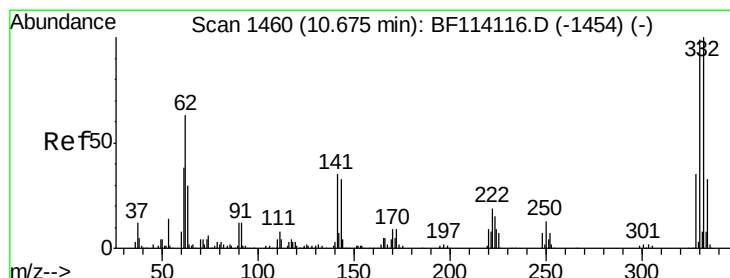
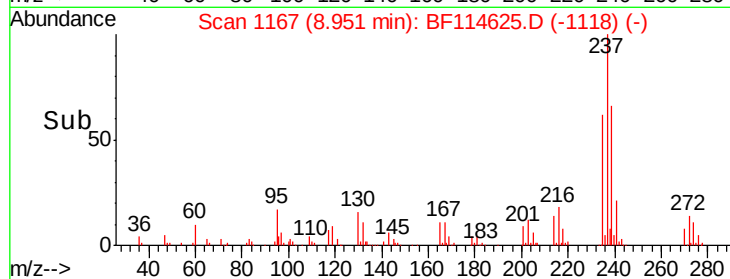
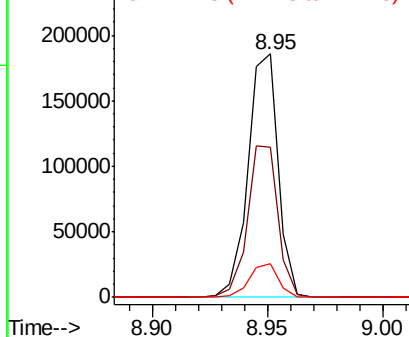
#41
Hexachlorocyclopentadiene
Concen: 38.949 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion:	237	Resp:	169993
Ion Ratio	Lower	Upper	
237	100		
235	61.5	42.0	82.0
272	13.8	0.0	32.4

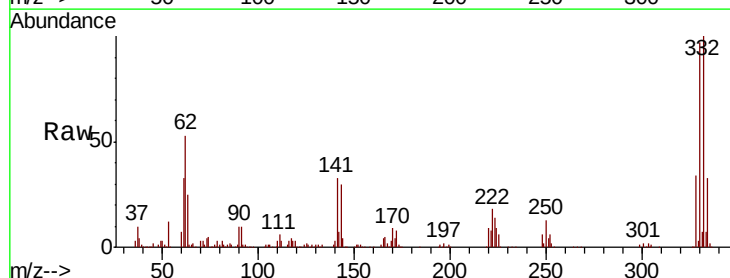


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

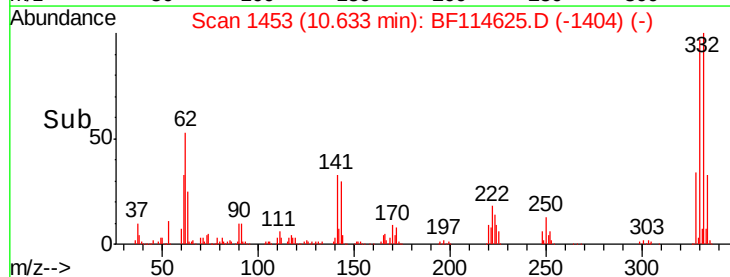
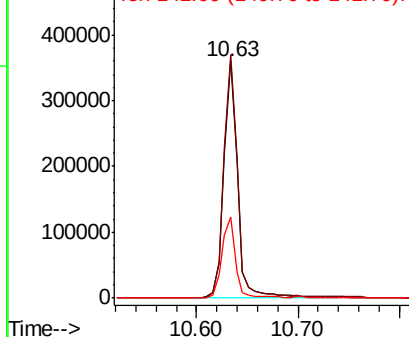


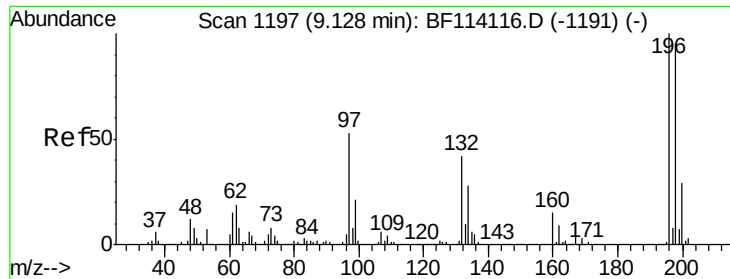
#42
2,4,6-Tribromophenol
Concen: 100.199 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion:	330	Resp:	340893
Ion Ratio	Lower	Upper	
330	100		
332	102.9	81.4	122.2
141	34.0	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

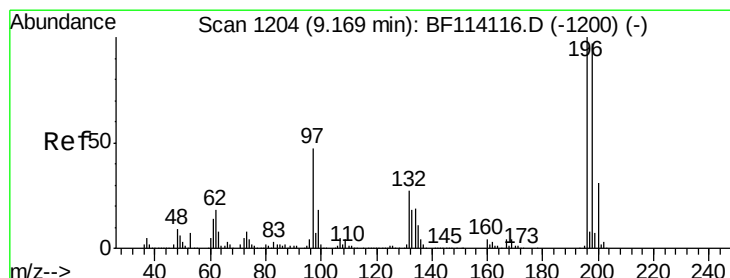
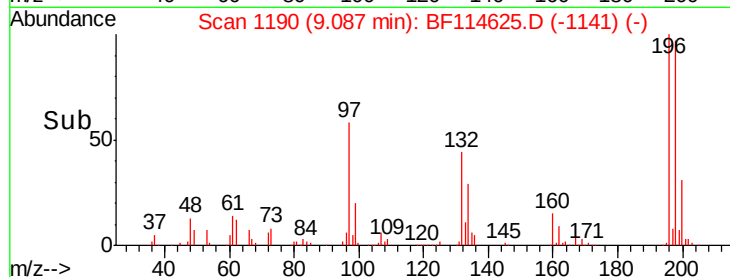
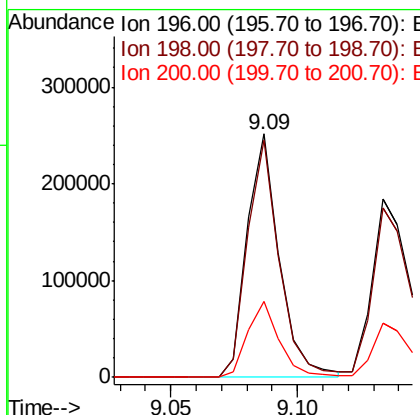
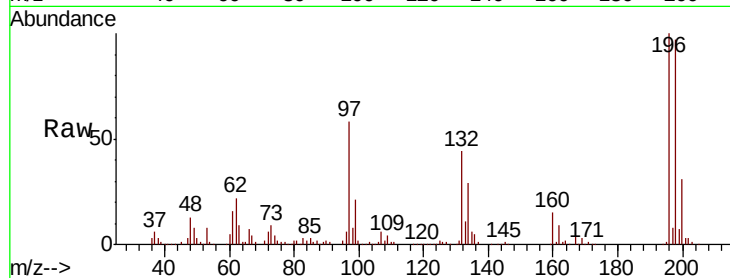




#43
 2,4,6-Trichlorophenol
 Concen: 32.514 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

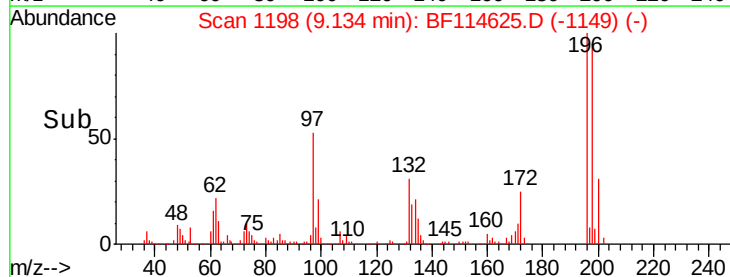
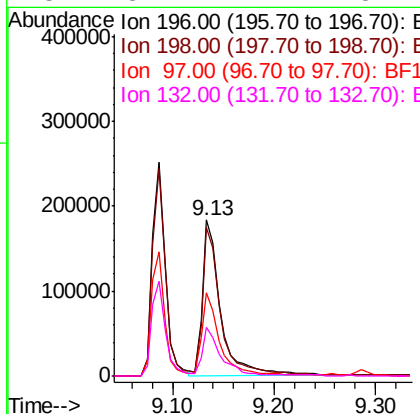
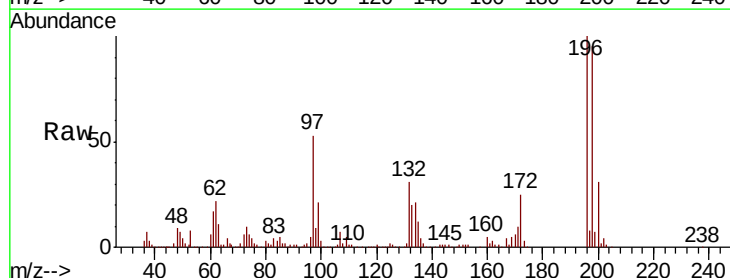
Instrument :
 BNA_F
 ClientSampleId :
 PB120038BS

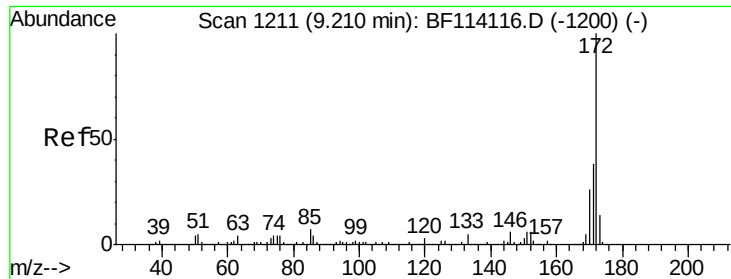
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.9	113.9
200	31.0	23.5	35.3



#44
 2,4,5-Trichlorophenol
 Concen: 32.475 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.7	116.5
97	53.3	38.2	57.2
132	31.2	21.4	32.2

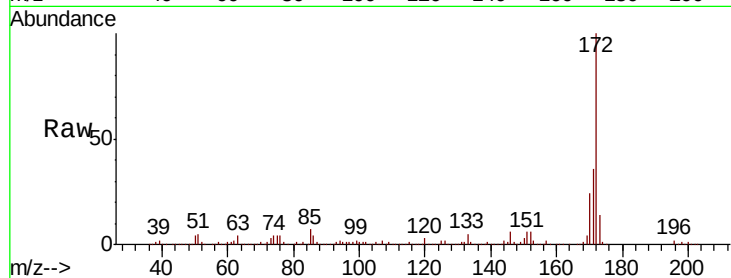




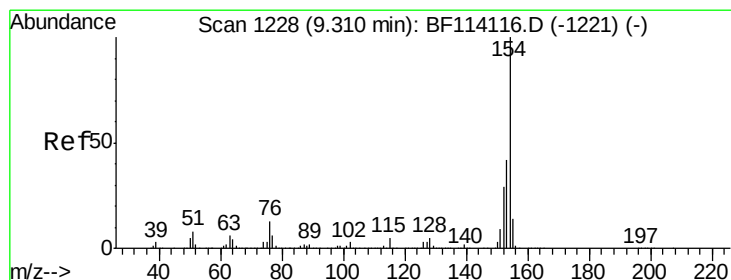
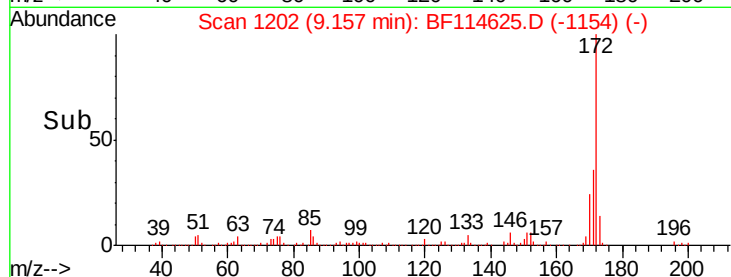
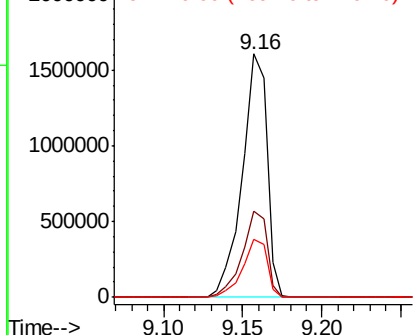
#45
2-Fluorobiphenyl
Concen: 80.128 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion:172 Resp: 1743208
Ion Ratio Lower Upper
172 100
171 35.6 30.7 46.1
170 23.6 20.5 30.7

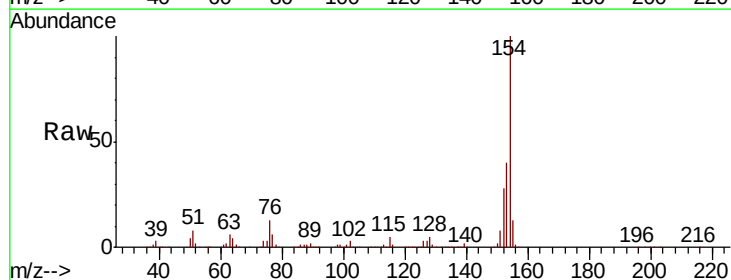


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

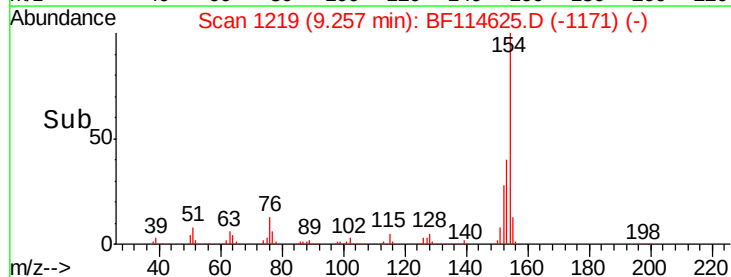
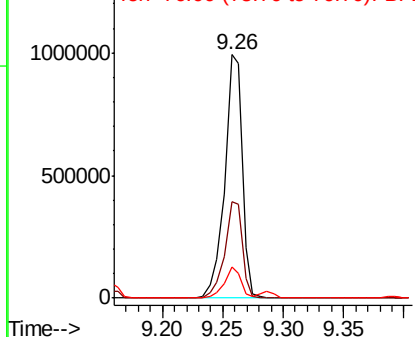


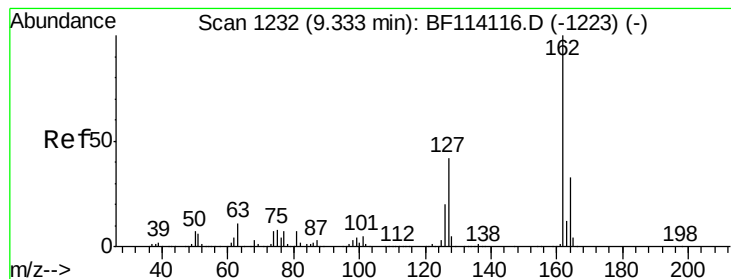
#46
1,1'-Biphenyl
Concen: 37.575 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion:154 Resp: 998948
Ion Ratio Lower Upper
154 100
153 39.8 21.9 61.9
76 13.0 0.0 32.8



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





#47

2-Chloronaphthalene

Concen: 35.546 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

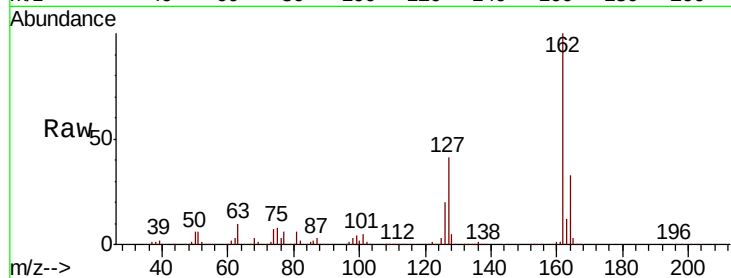
Tot Ion:162 Resp: 760541

Ion Ratio Lower Upper

162 100

127 41.4 34.0 51.0

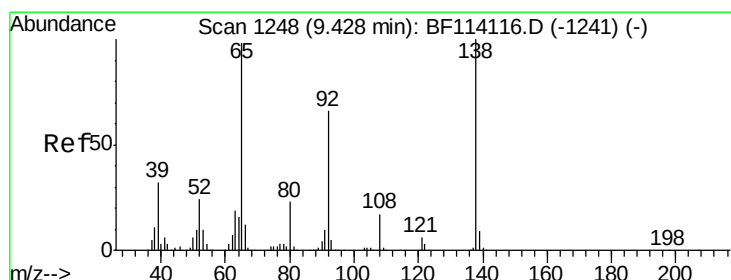
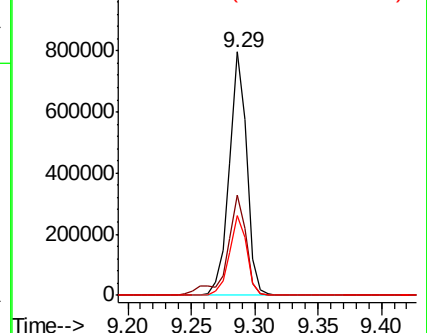
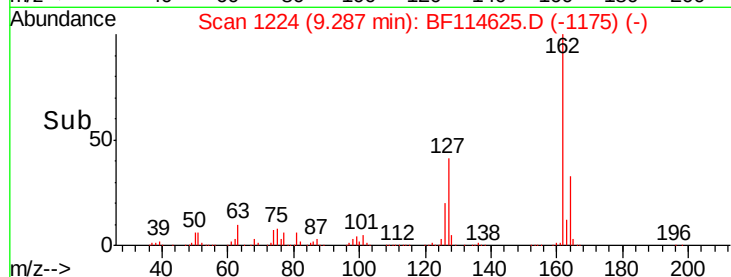
164 32.6 26.7 40.1



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: 33.304 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

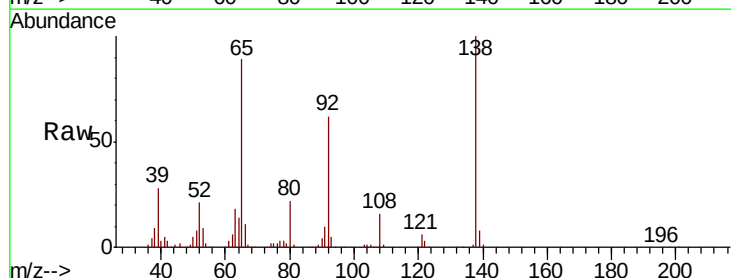
Tgt Ion: 65 Resp: 252709

Ion Ratio Lower Upper

65 100

92 70.2 53.9 80.9

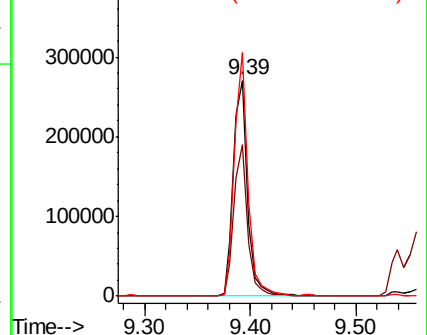
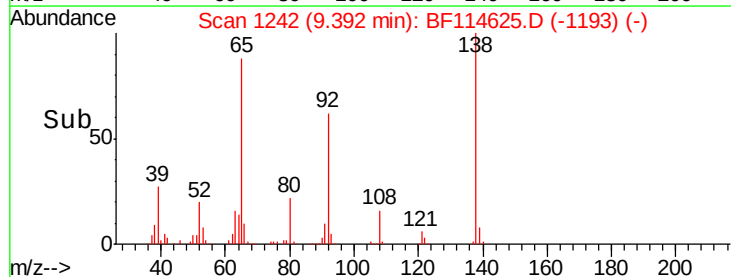
138 112.7 81.4 122.0

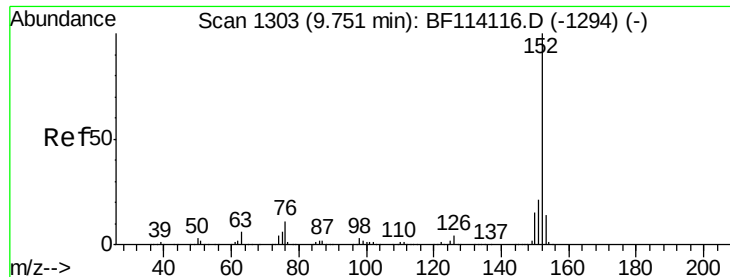


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.618 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

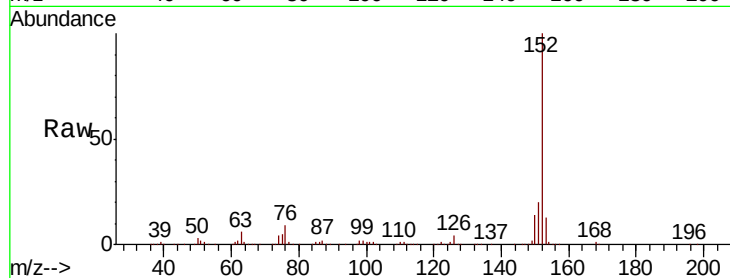
BNA_F

ClientSampleId :

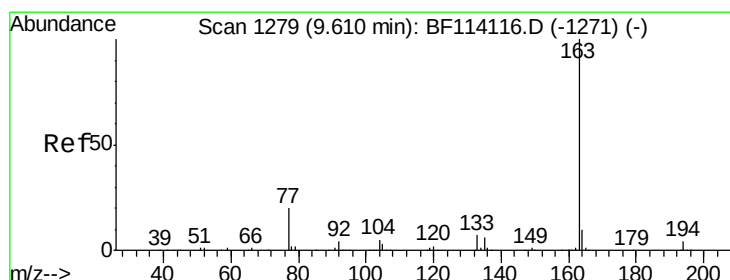
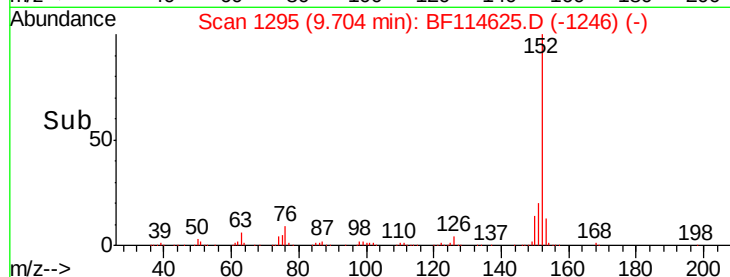
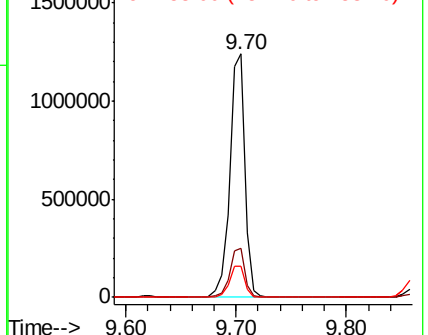
PB120038BS

Tot Ion:152 Resp: 1191600

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	13.0	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: 34.885 ng

RT: 9.56 min Scan# 1270

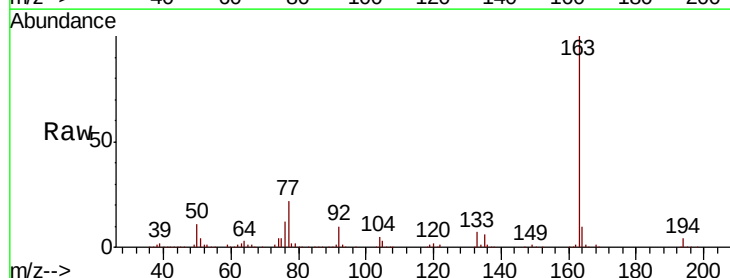
Delta R.T. -0.02 min

Lab File: BF114625.D

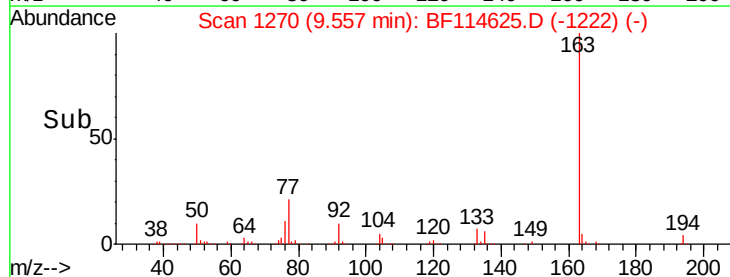
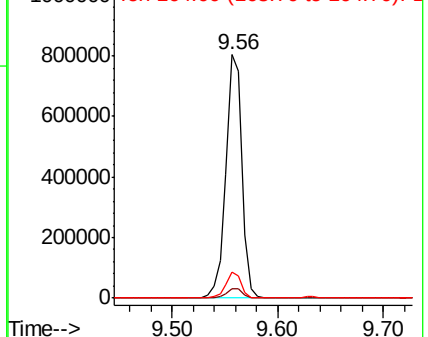
Acq: 26 May 2019 2:22

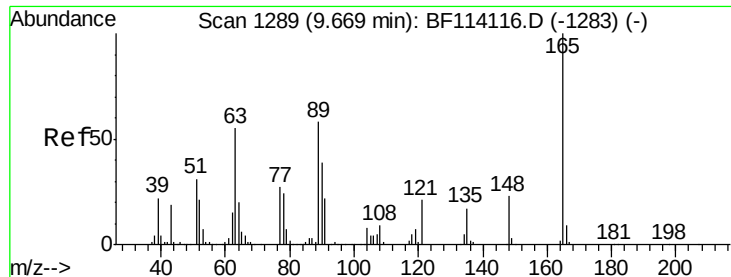
Tgt Ion:163 Resp: 842744

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.5	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: 35.385 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

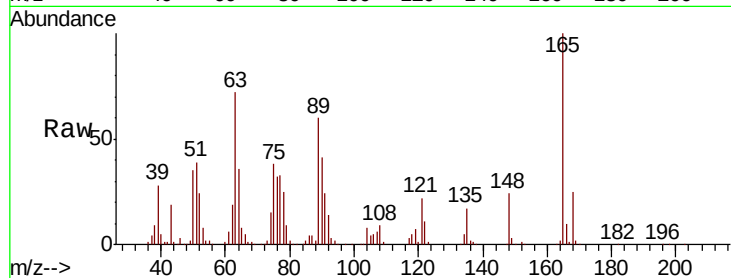
Tot Ion:165 Resp: 189601

Ion Ratio Lower Upper

165 100

63 71.5 50.2 75.4

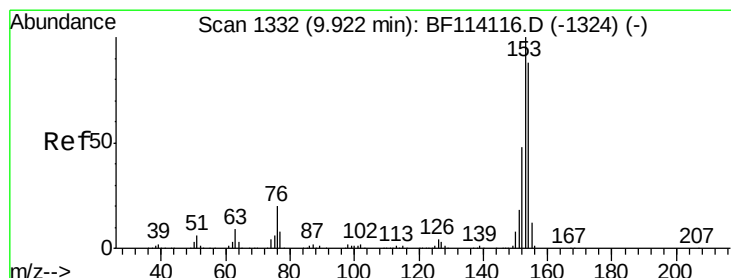
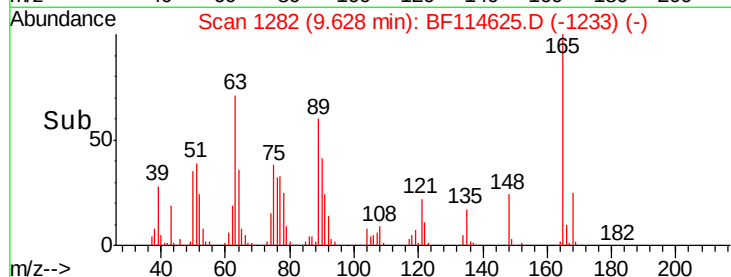
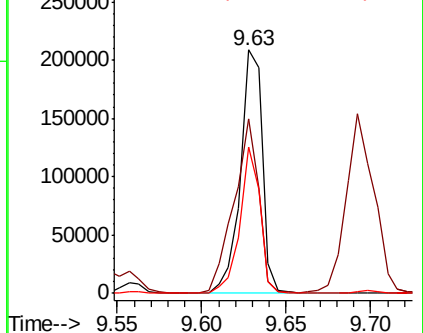
89 60.1 46.6 69.8



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: 35.009 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

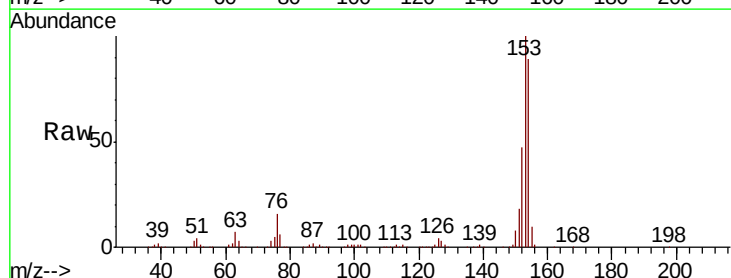
Tgt Ion:154 Resp: 699090

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

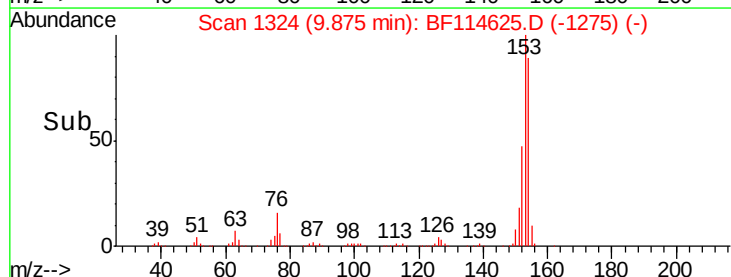
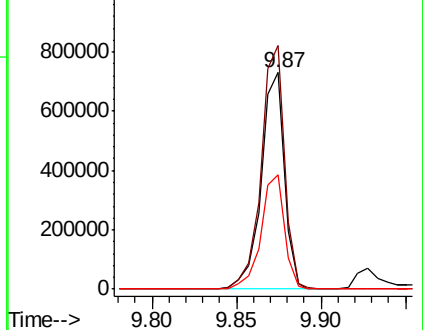
152 53.1 43.4 65.2

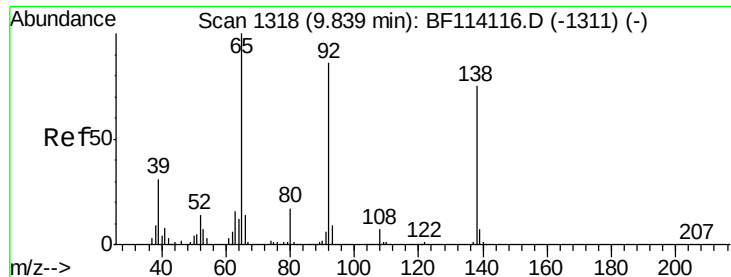


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

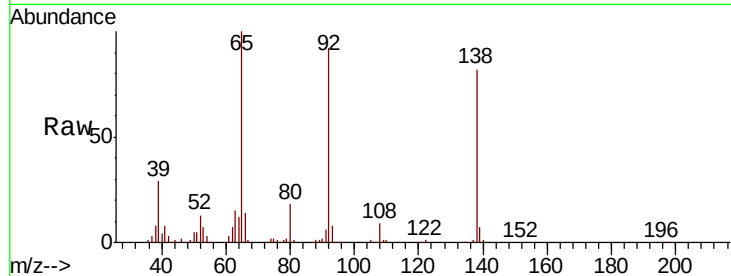




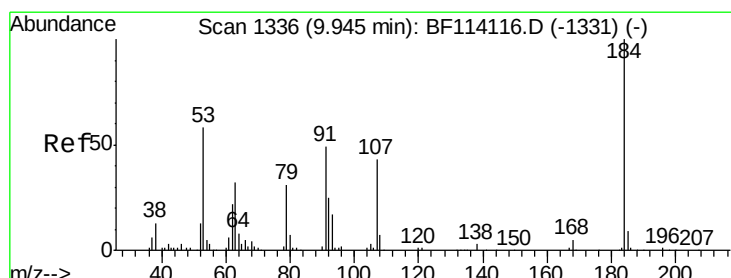
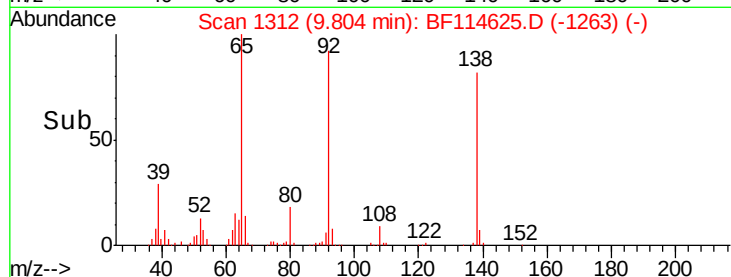
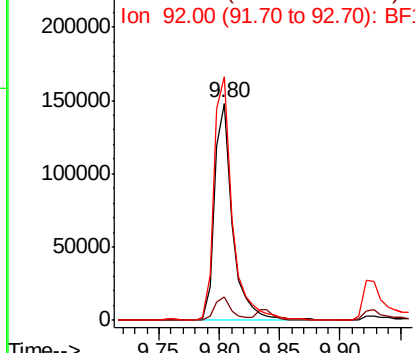
#53
3-Nitroaniline
Concen: 22.613 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.8	11.6
92	112.3	91.2	136.8

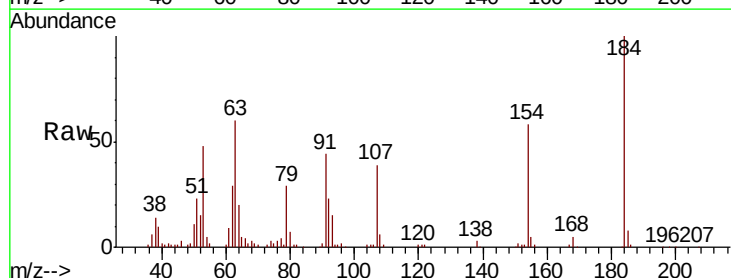


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

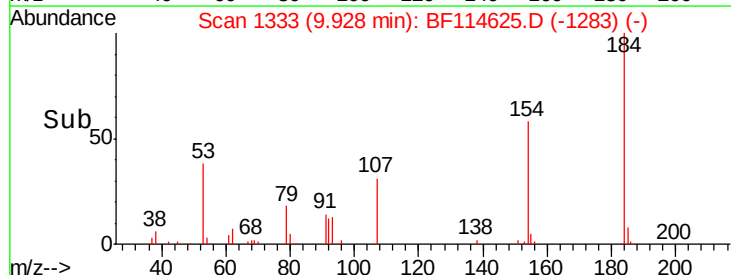
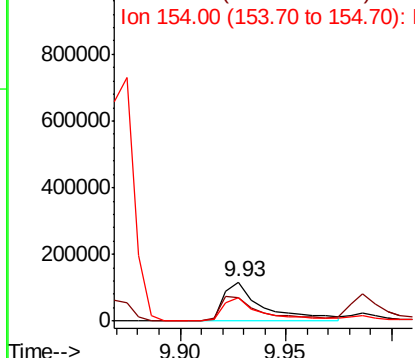


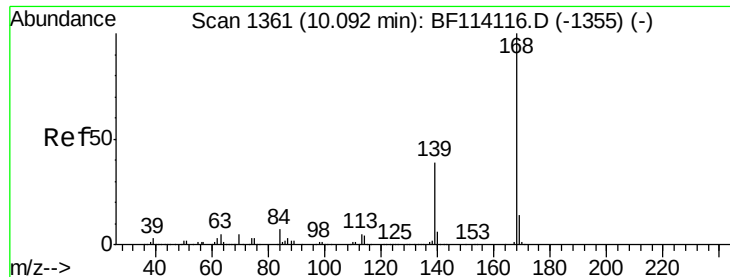
#54
2,4-Dinitrophenol
Concen: 58.981 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.3	55.6	83.4
154	58.5	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

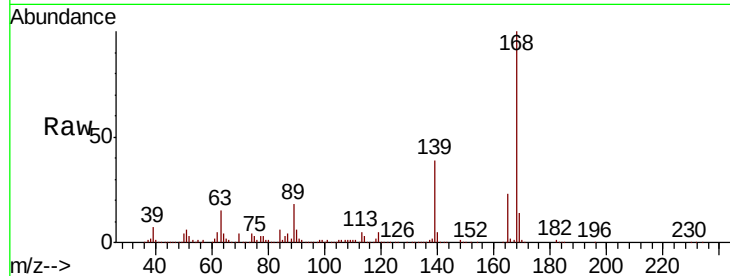




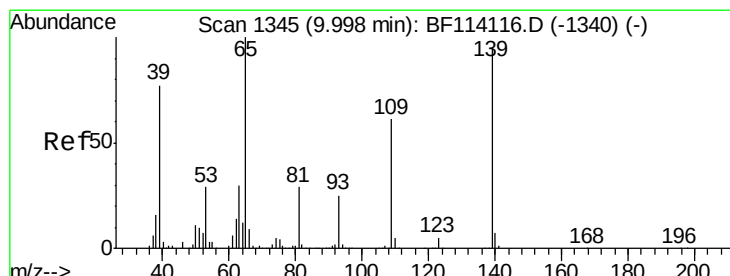
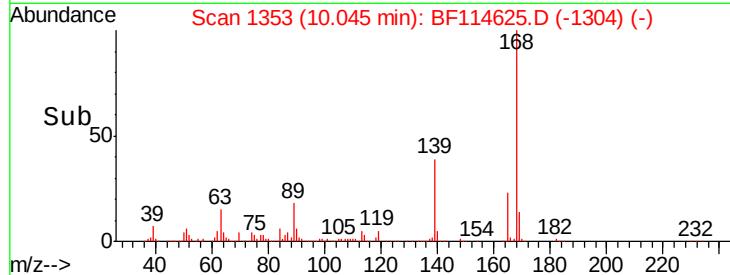
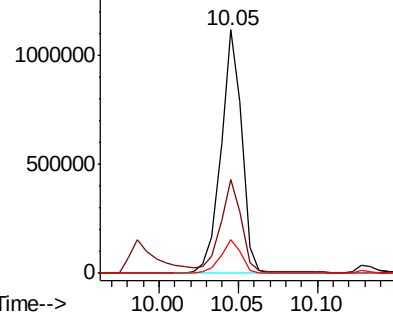
#55
Dibenzenofuran
Concen: 34.521 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampled :
PB120038BS

Tot Ion:168 Resp: 1010835
Ion Ratio Lower Upper
168 100
139 38.5 31.1 46.7
169 13.6 11.4 17.0

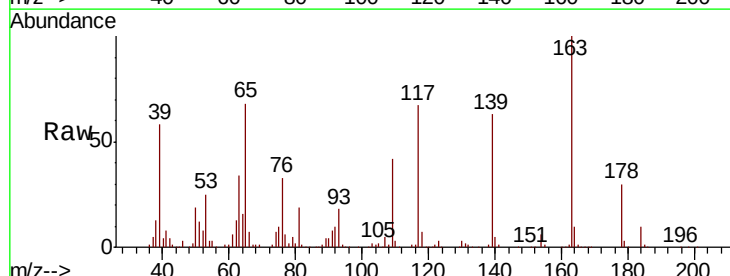


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

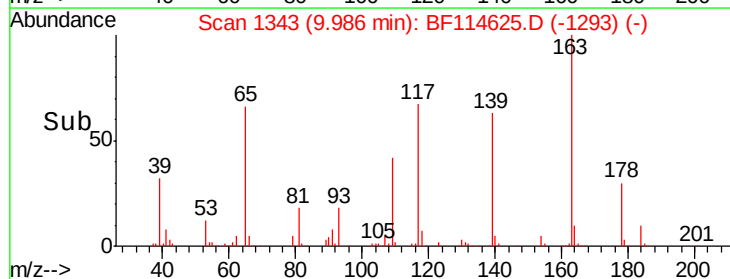
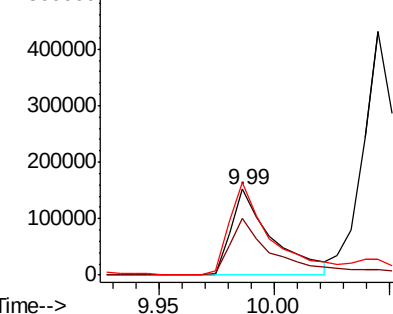


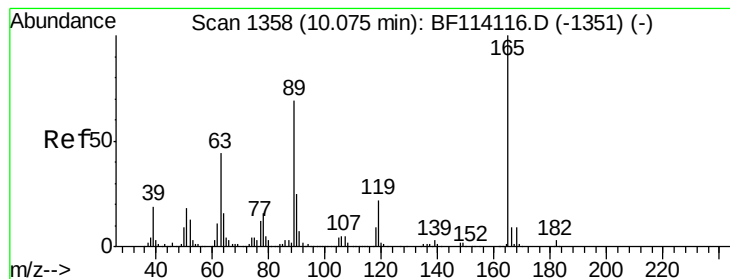
#56
4-Nitrophenol
Concen: 40.288 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion:139 Resp: 189504
Ion Ratio Lower Upper
139 100
109 66.6 43.9 83.9
65 107.6 85.7 125.7



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





#57

2,4-Dinitrotoluene

Concen: 32.717 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

Tot Ion:165 Resp: 237941

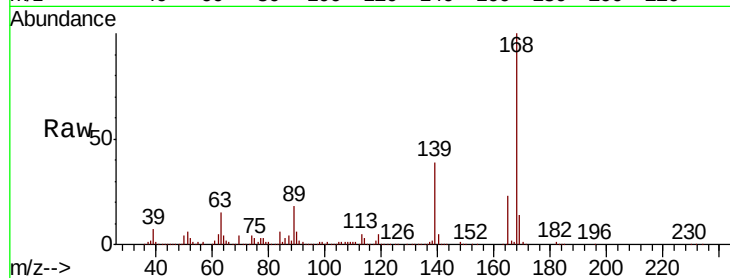
Ion Ratio Lower Upper

165 100

63 67.6 35.5 53.3#

89 80.1 55.2 82.8

182 2.3 2.2 3.2

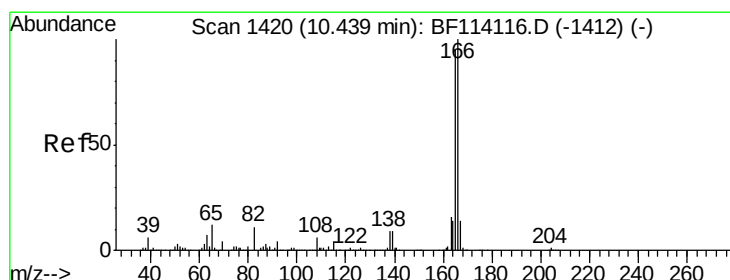
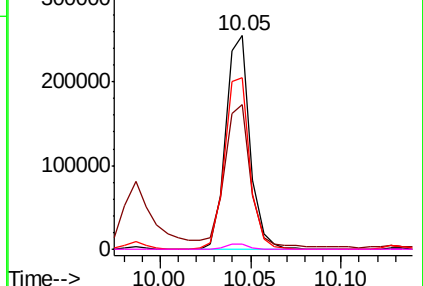
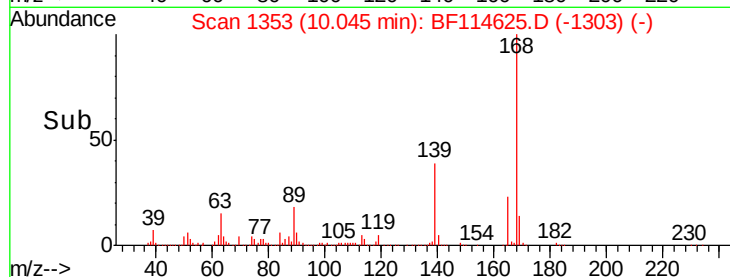


Abundance Ion 165.00 (164.70 to 165.70): E

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: 36.807 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

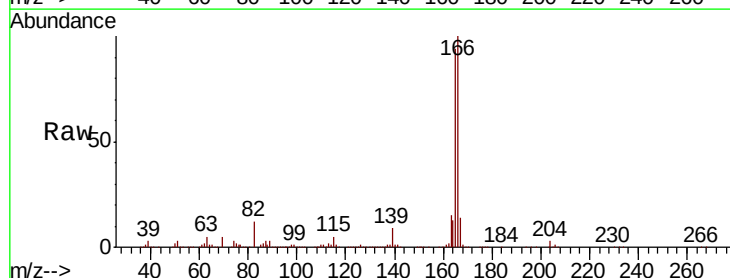
Tgt Ion:166 Resp: 832488

Ion Ratio Lower Upper

166 100

165 93.6 76.1 114.1

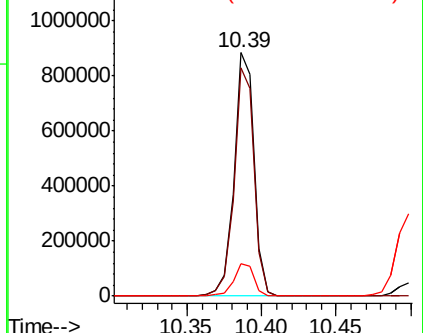
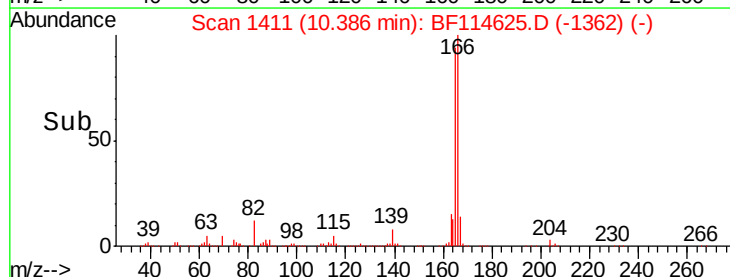
167 13.6 11.1 16.7

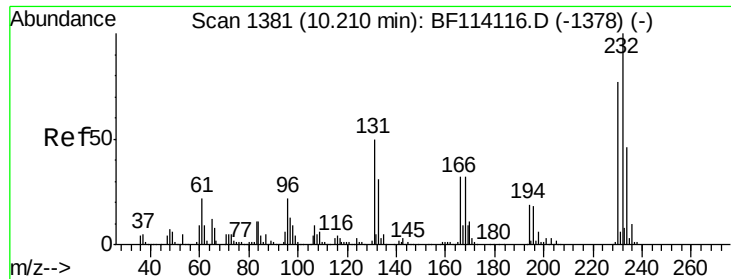


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

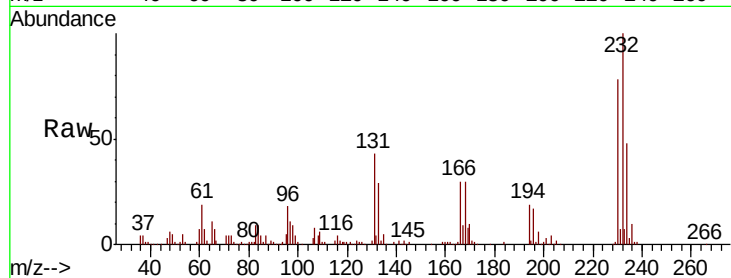




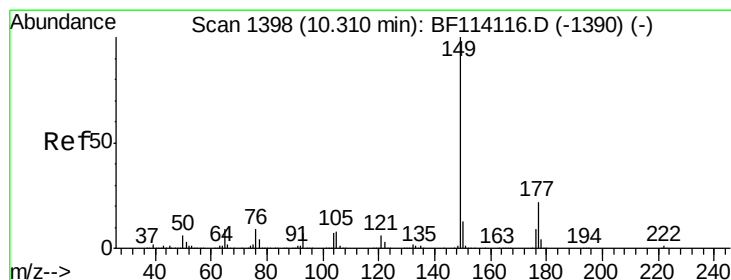
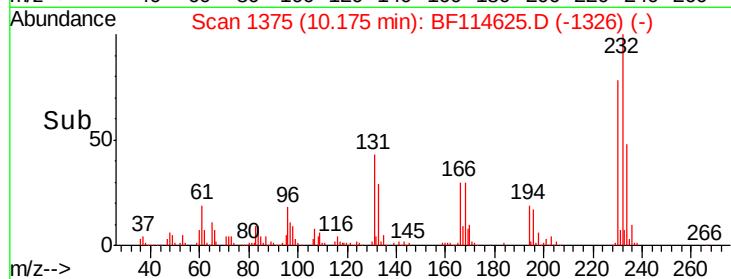
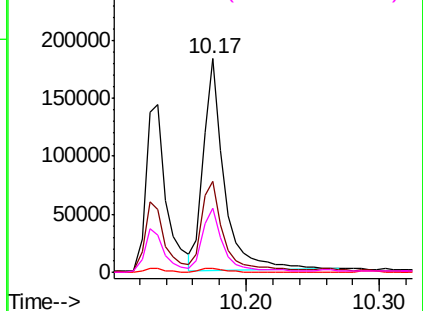
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.565 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BS

Tot Ion:	232	Resp:	197582
Ion	Ratio	Lower	Upper
232	100		
131	44.8	35.6	53.4
130	2.3	1.6	2.4
166	28.8	24.1	36.1

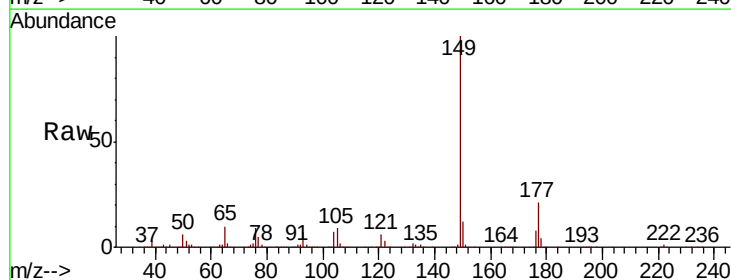


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

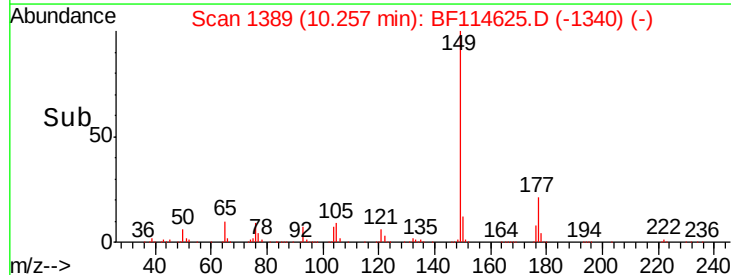
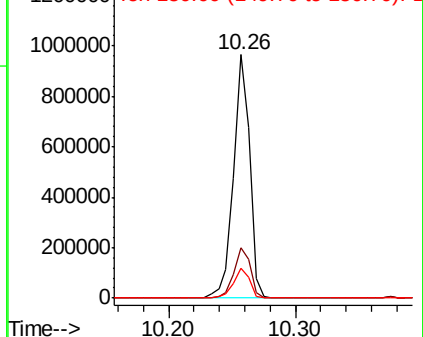


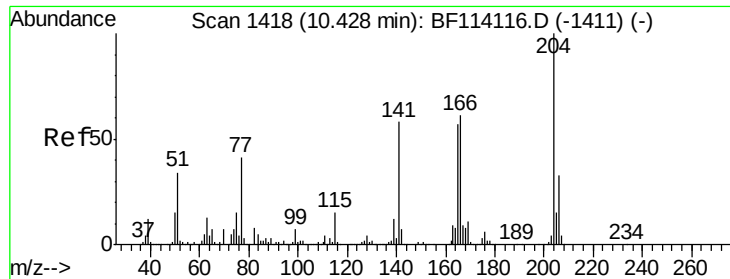
#60
 Diethylphthalate
 Concen: 34.266 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

Tgt Ion:	149	Resp:	841099
Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.8	26.6
150	12.5	10.2	15.2



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

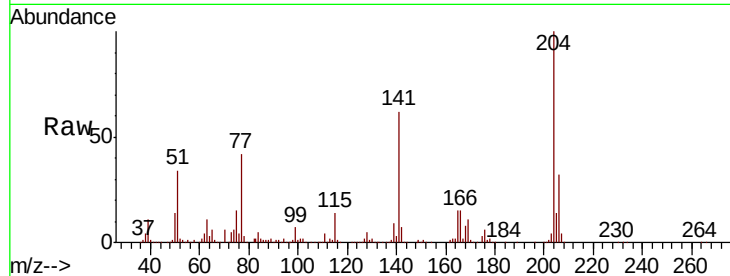




#61
4-Chlorophenyl-phenylether
Concen: 35.806 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.6	39.8
141	62.1	46.4	69.6

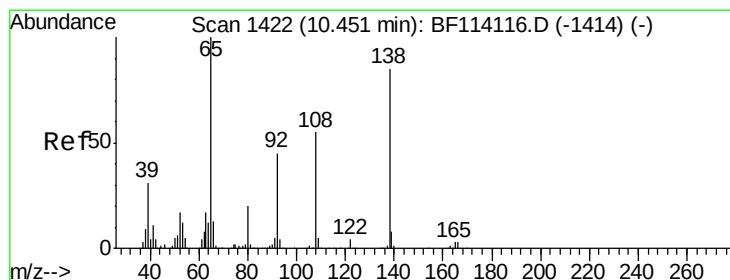
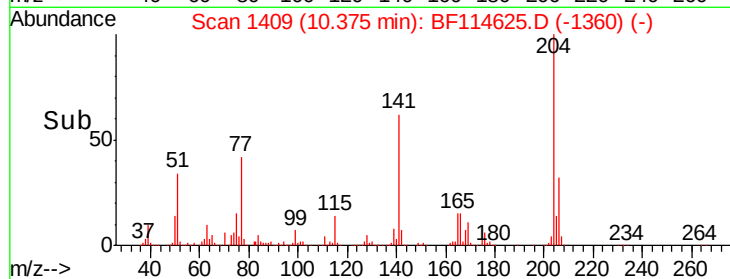
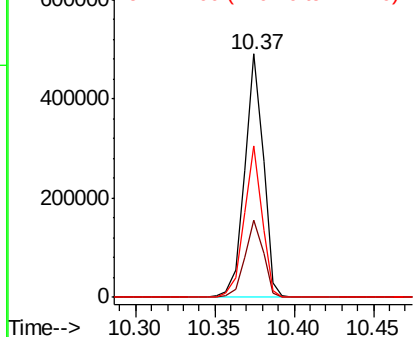


Abundance

Ion 204.00 (203.70 to 204.70): E

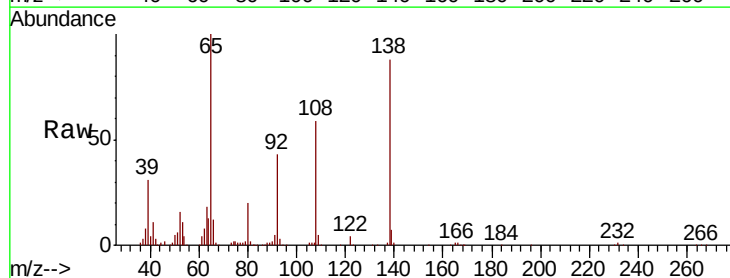
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 29.315 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	33.0	73.0
108	67.7	44.9	84.9

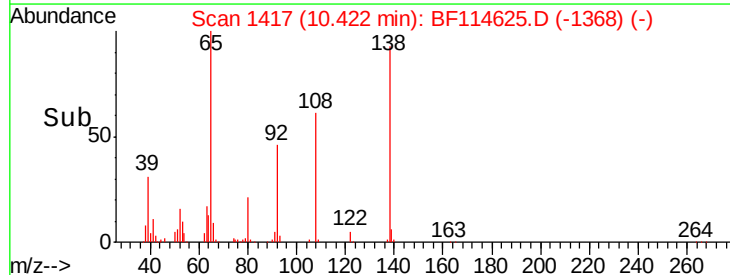
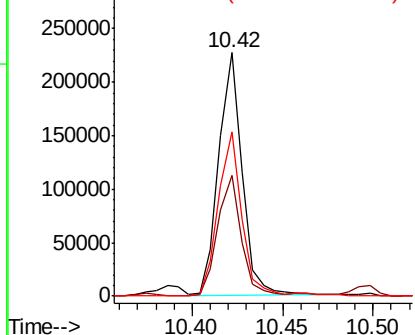


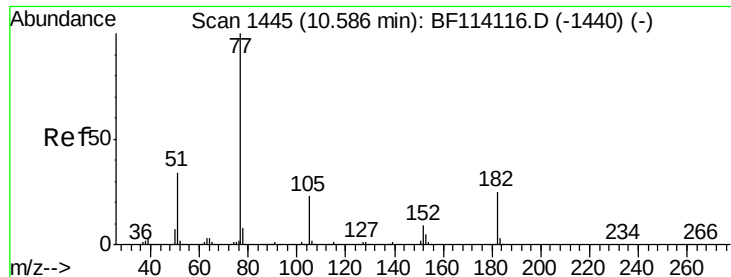
Abundance

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: 34.477 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

Tot Ion: 77 Resp: 819148

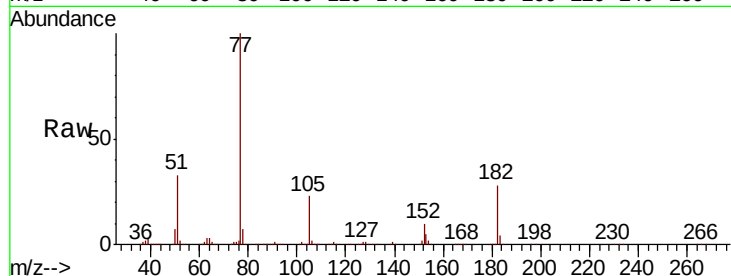
Ion Ratio Lower Upper

77 100

182 28.2 4.7 44.7

105 23.4 2.9 42.9

51 33.0 14.6 54.6

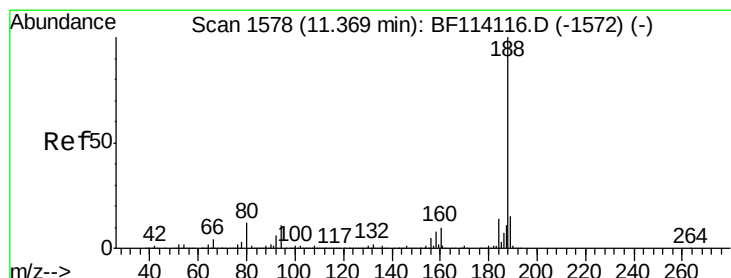
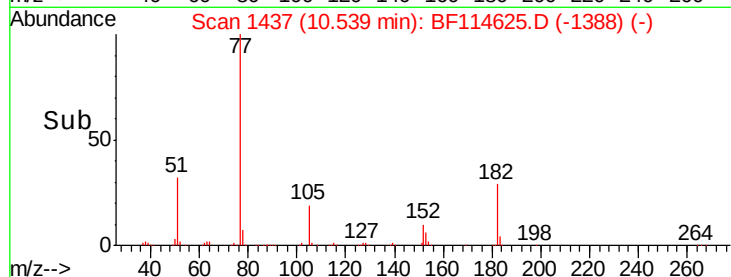
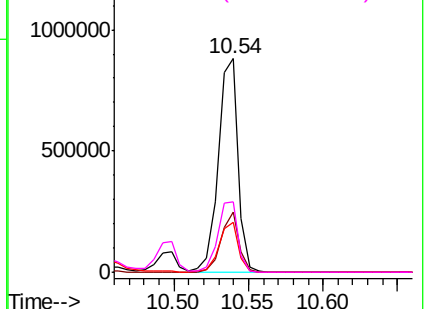


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

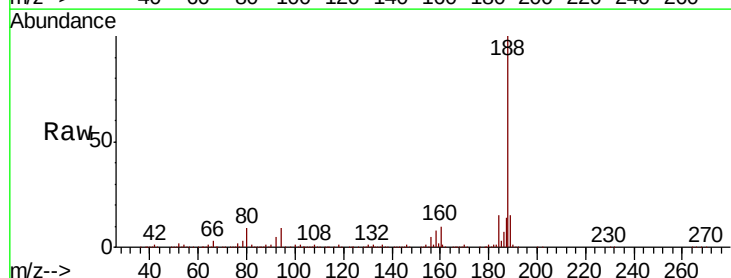
Tgt Ion: 188 Resp: 640948

Ion Ratio Lower Upper

188 100

94 9.1 8.4 12.6

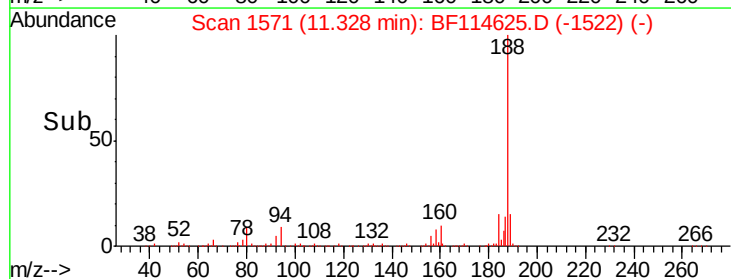
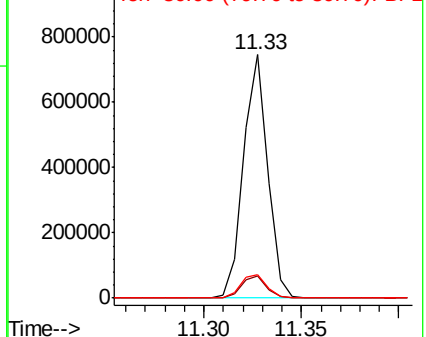
80 9.5 9.2 13.8

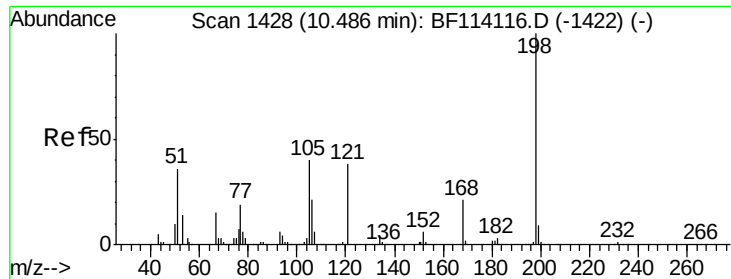


Abundance Ion 188.00 (187.70 to 188.70): E

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: 34.685 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

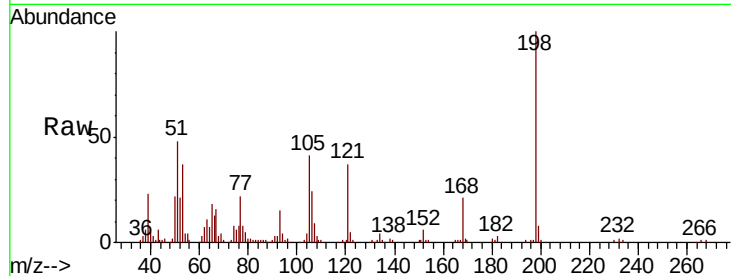
Tot Ion:198 Resp: 106823

Ion Ratio Lower Upper

198 100

51 48.2 28.0 68.0

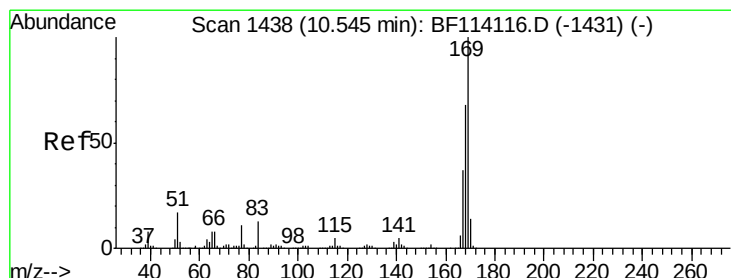
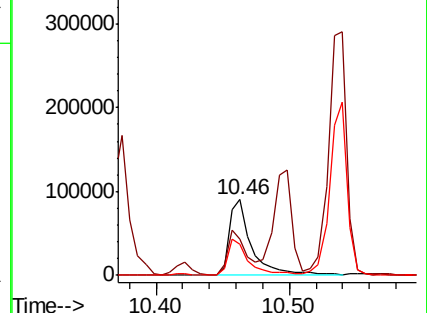
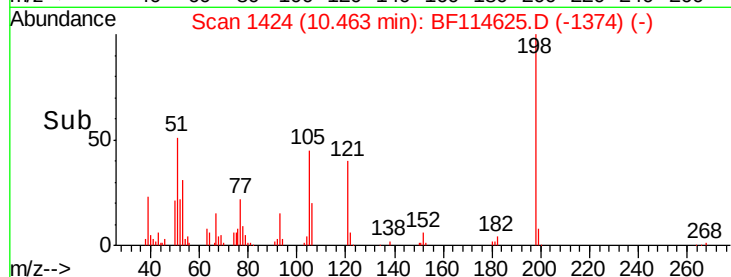
105 41.2 21.1 61.1



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: 38.068 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

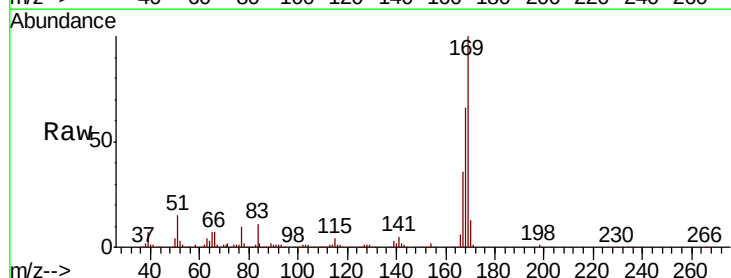
Tgt Ion:169 Resp: 740530

Ion Ratio Lower Upper

169 100

168 66.4 54.2 81.2

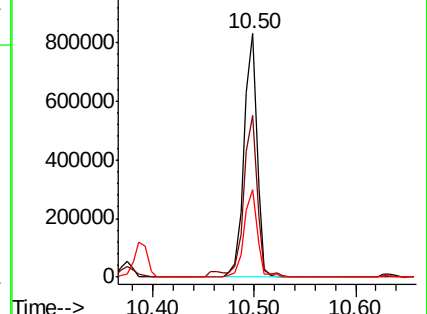
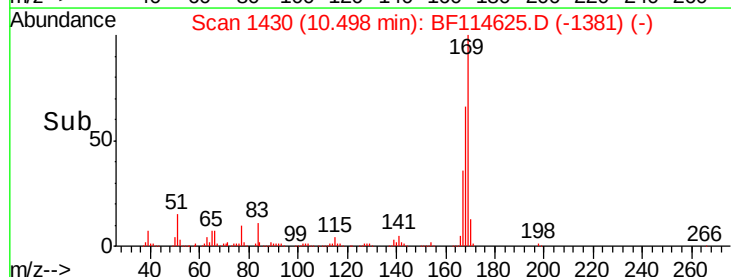
167 36.0 29.8 44.8

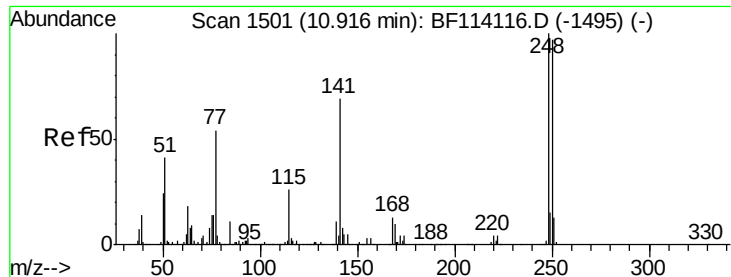


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

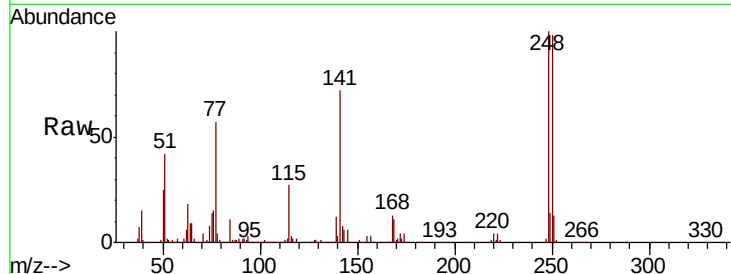




#67
4-Bromophenyl-phenylether
Concen: 35.027 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.4	116.2
141	71.8	55.6	83.4

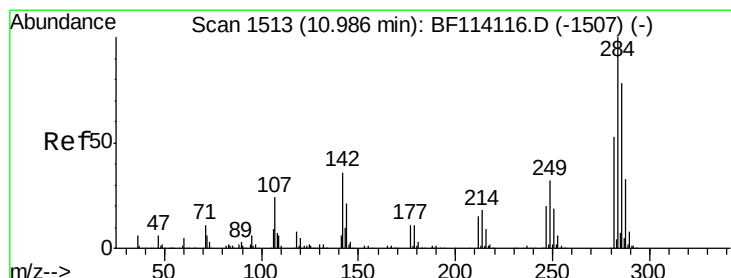
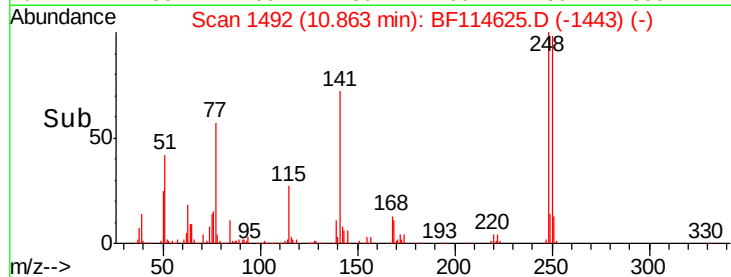
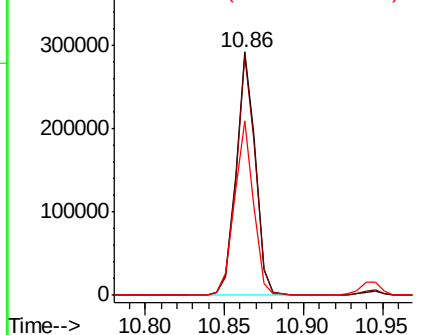


Abundance

Ion 248.00 (247.70 to 248.70): E

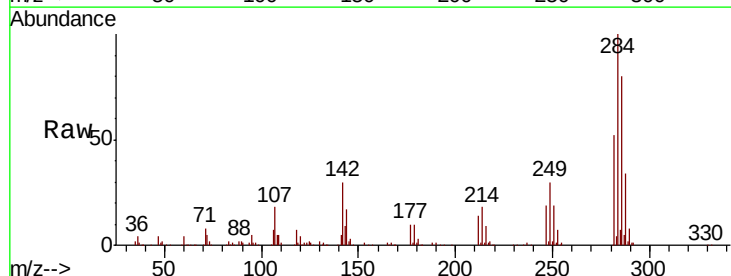
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 33.821 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.2	28.4	42.6
249	30.3	25.2	37.8

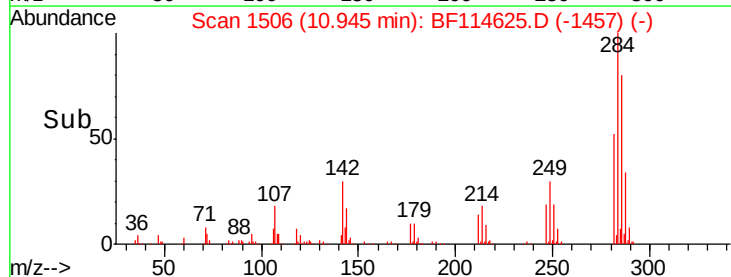
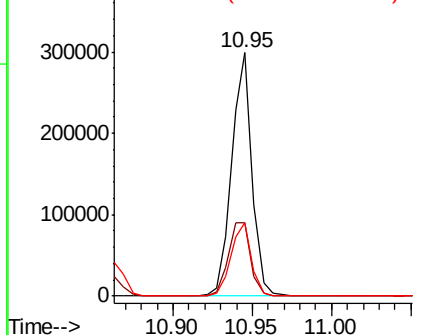


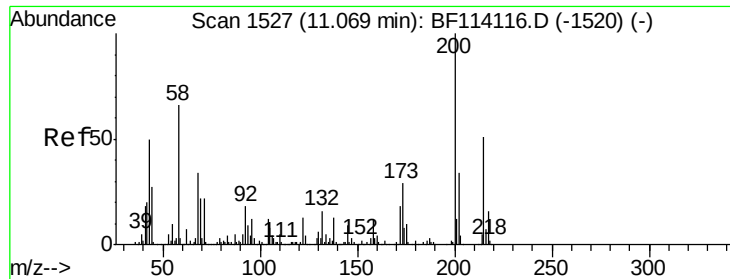
Abundance

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

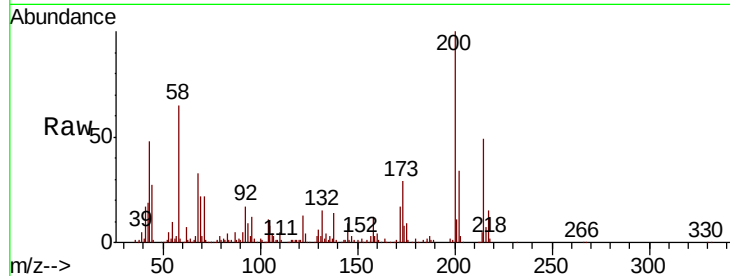




#69
Atrazine
Concen: 35.991 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	8.9	48.9
215	49.1	30.7	70.7

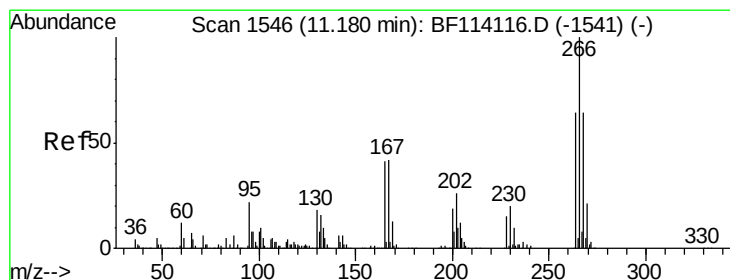
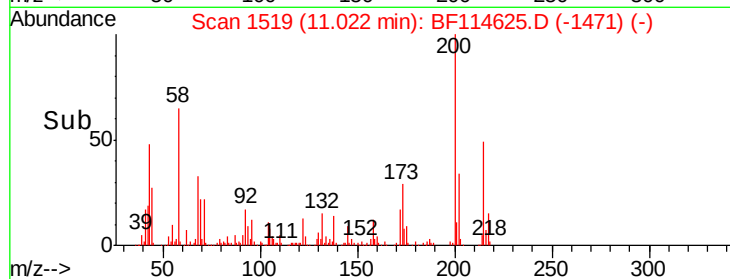
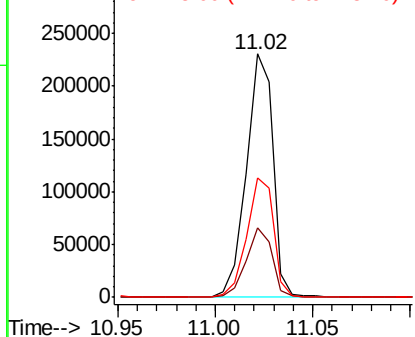


Abundance

Ion 200.00 (199.70 to 200.70): E

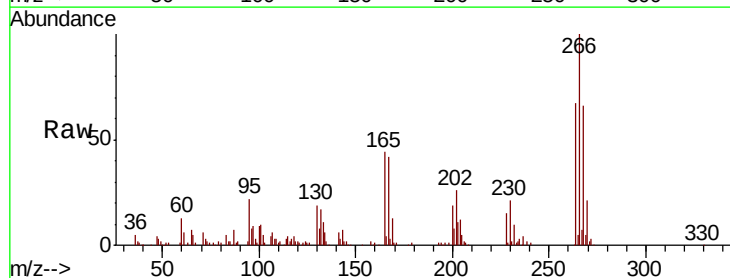
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 43.979 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	51.1	76.7
264	66.8	51.1	76.7

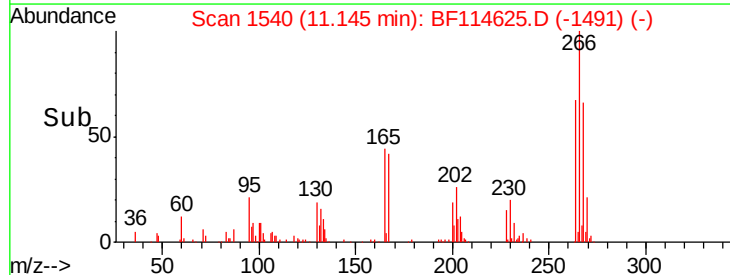
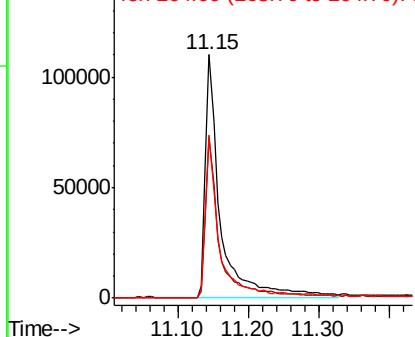


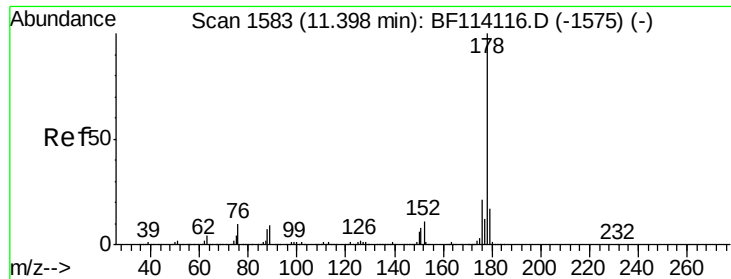
Abundance

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

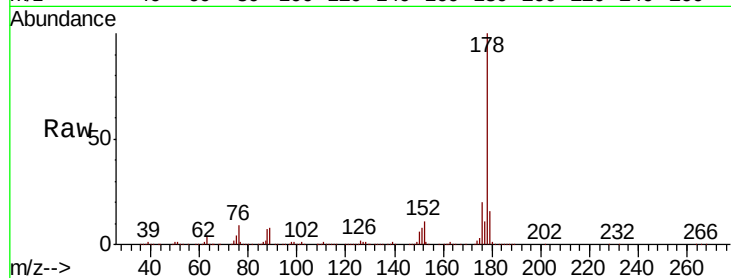




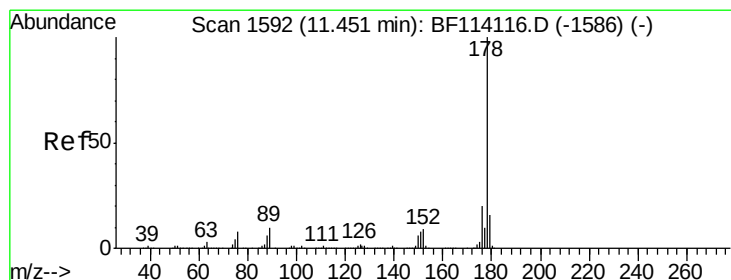
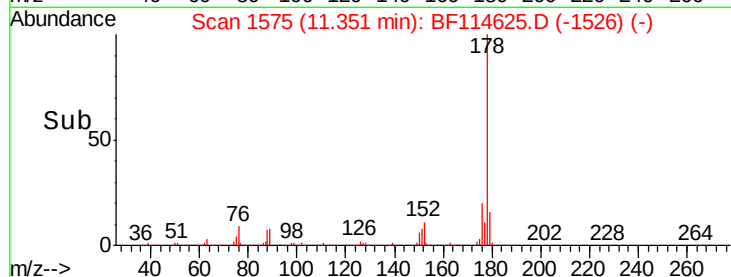
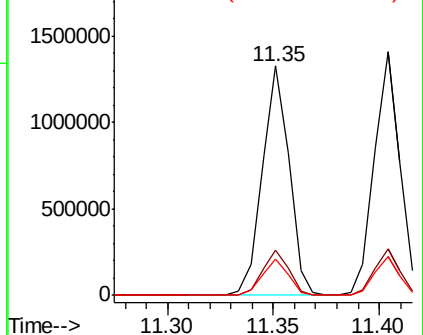
#71
Phenanthrene
Concen: 37.602 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Instrument :
BNA_F
ClientSampleId :
PB120038BS

Tot Ion:178 Resp: 1172551
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 16.0 13.2 19.8

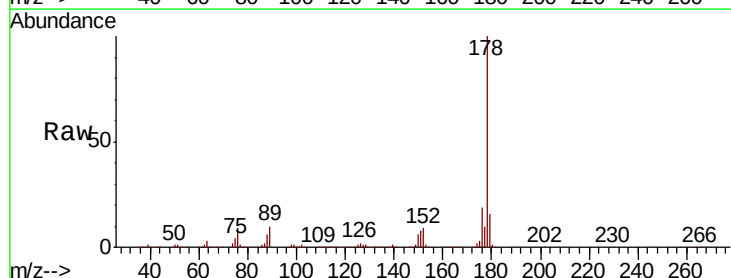


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

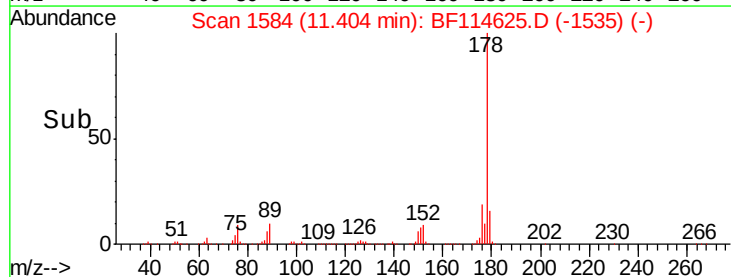
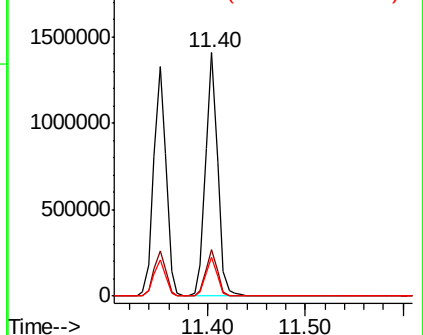


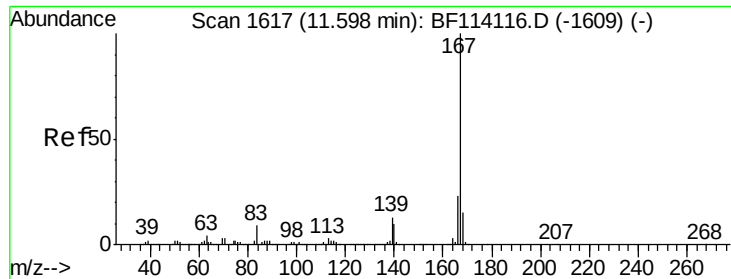
#72
Anthracene
Concen: 38.853 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion:178 Resp: 1216907
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.8 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



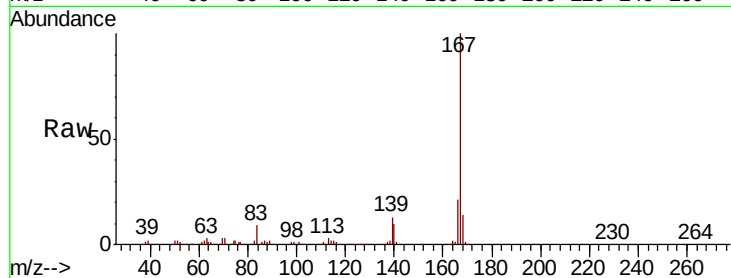


#73
 Carbazole
 Concen: 38.504 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

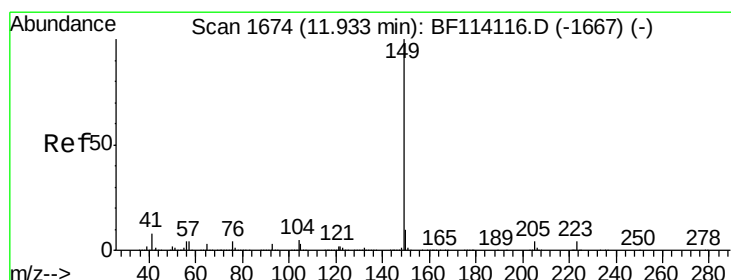
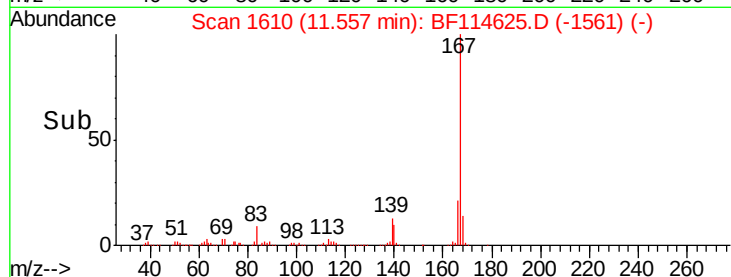
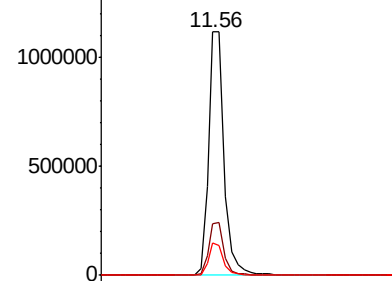
Instrument :
 BNA_F
 ClientSampleId :
 PB120038BS

Tot Ion:167 Resp: 1149997

Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.2	27.2
139	13.3	10.6	16.0



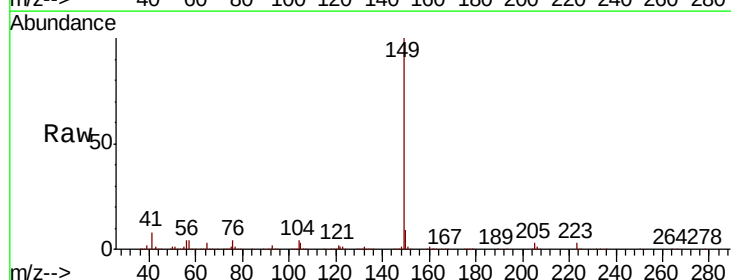
Abundance Ion 167.00 (166.70 to 167.70): E
 1500000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



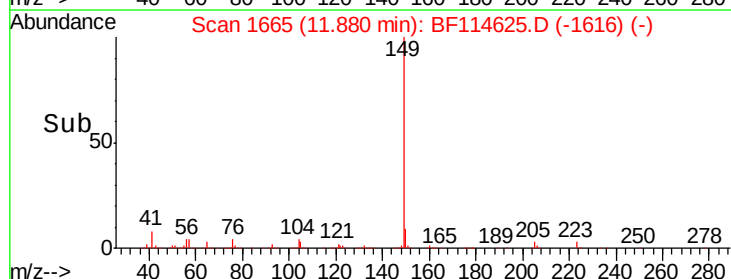
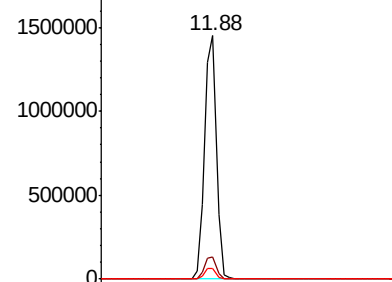
#74
 Di-n-butylphthalate
 Concen: 37.737 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF114625.D
 Acq: 26 May 2019 2:22

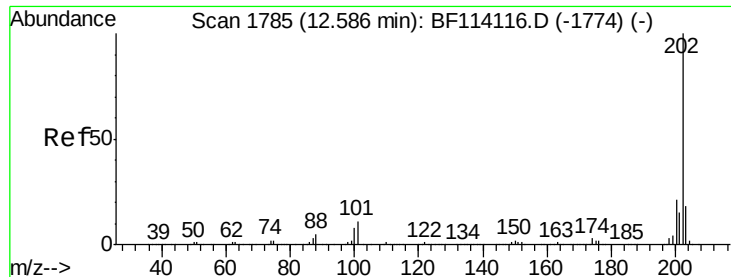
Tgt Ion:149 Resp: 1298486

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.4	3.6	5.4



Abundance Ion 149.00 (148.70 to 149.70): E
 2000000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.181 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

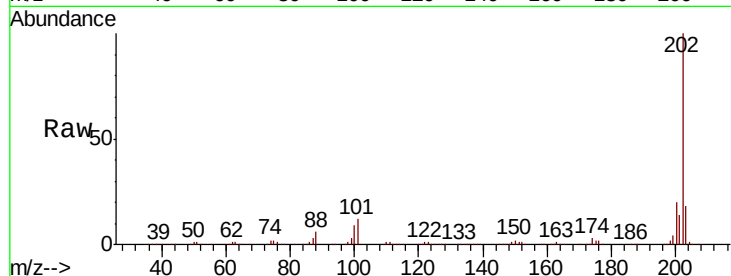
Tot Ion:202 Resp: 1282116

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.0

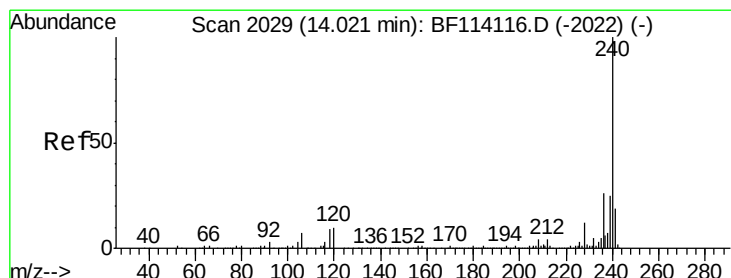
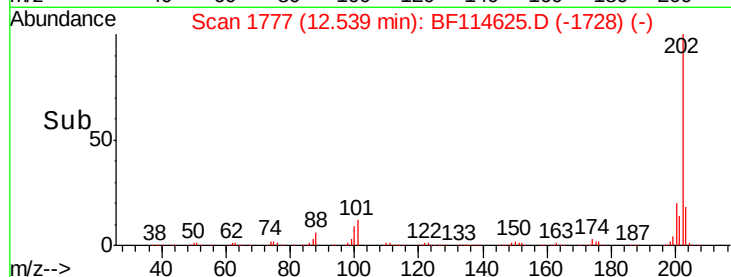
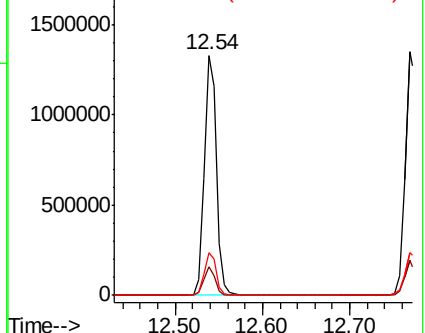
203 18.0 0.0 38.4



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: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

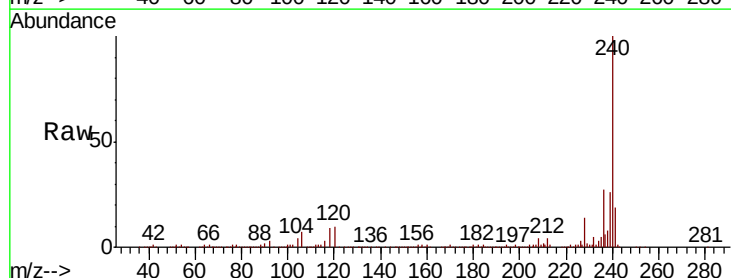
Tgt Ion:240 Resp: 462346

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

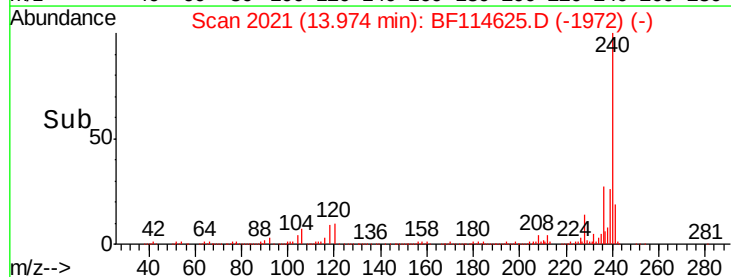
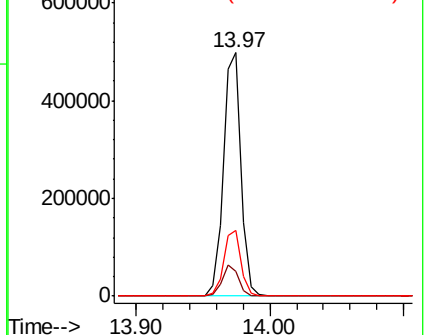
236 26.8 20.8 31.2

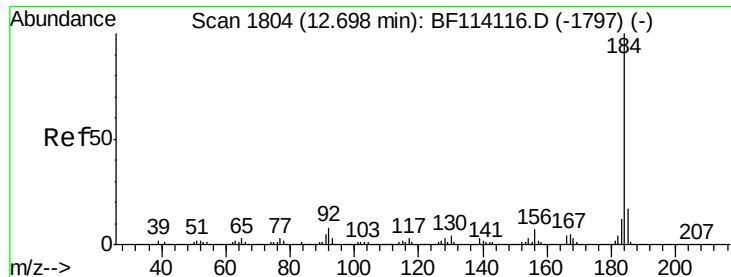


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.327 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

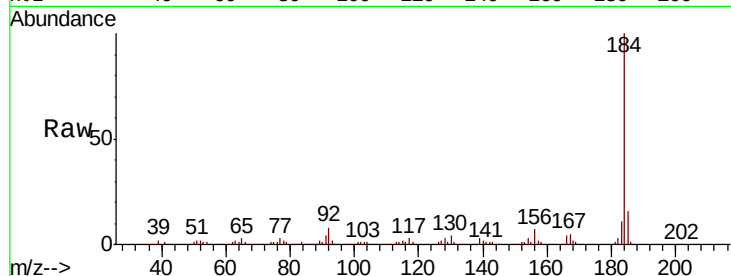
Tot Ion:184 Resp: 629405

Ion Ratio Lower Upper

184 100

185 15.9 13.6 20.4

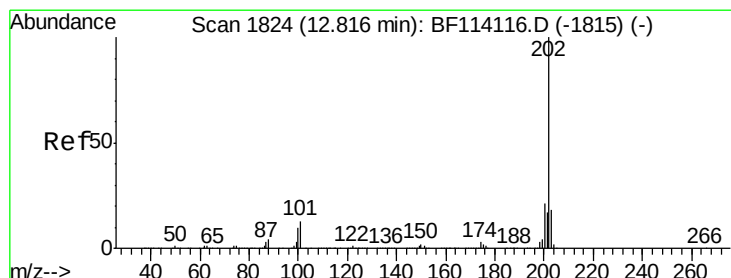
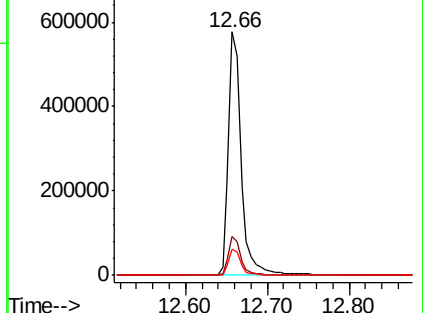
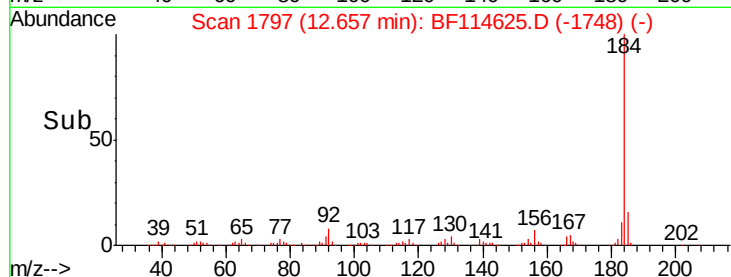
183 10.7 9.2 13.8



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: 34.893 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

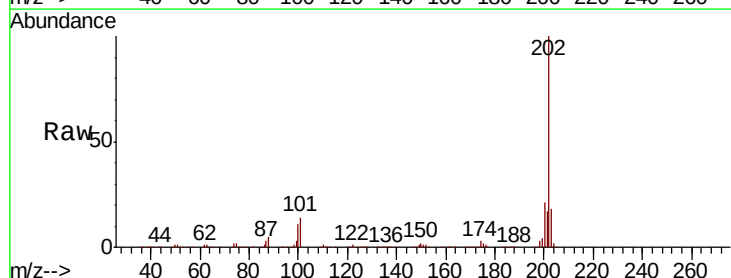
Tgt Ion:202 Resp: 1297794

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

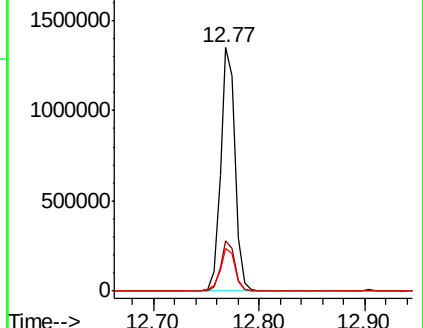
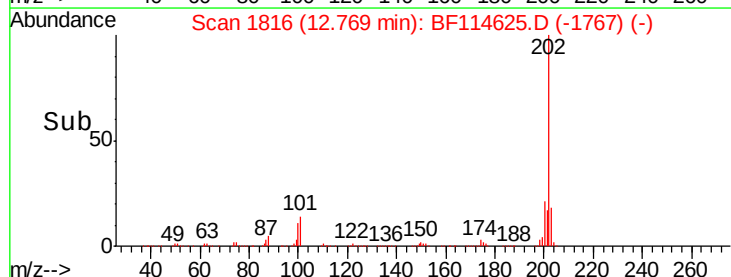
203 17.7 14.5 21.7

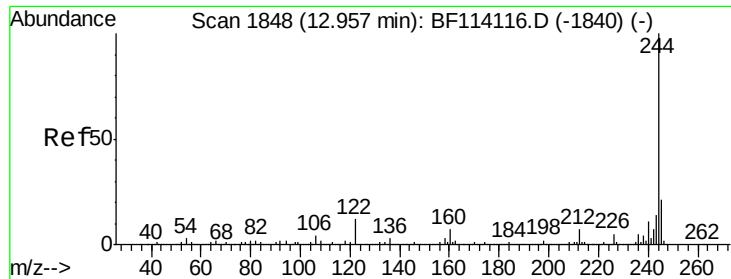


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.627 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

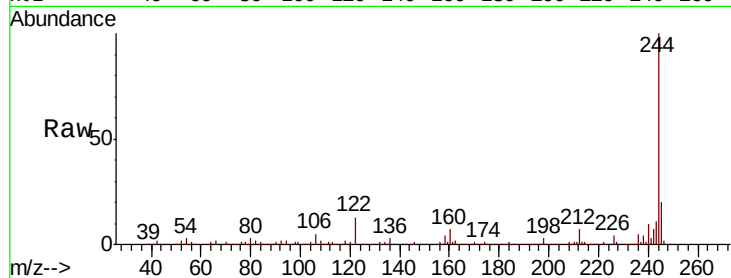
Tot Ion:244 Resp: 1785900

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

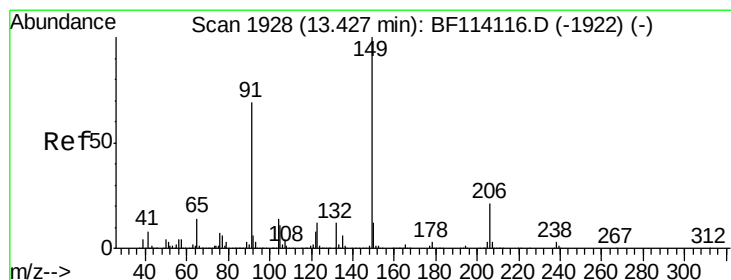
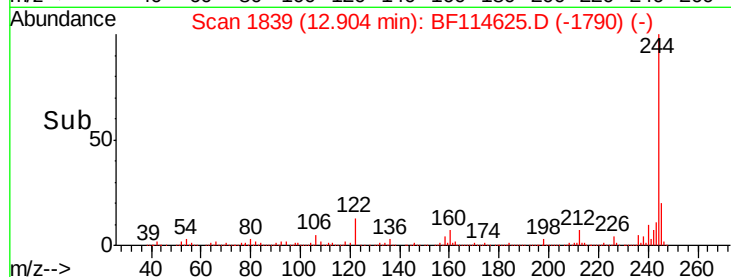
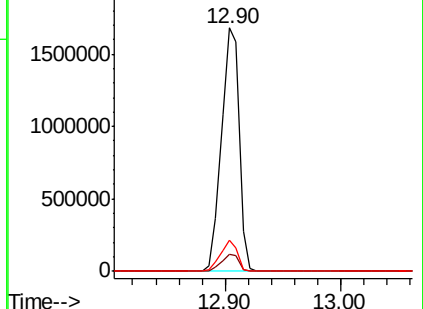
122 13.0 9.4 14.2



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: 36.959 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

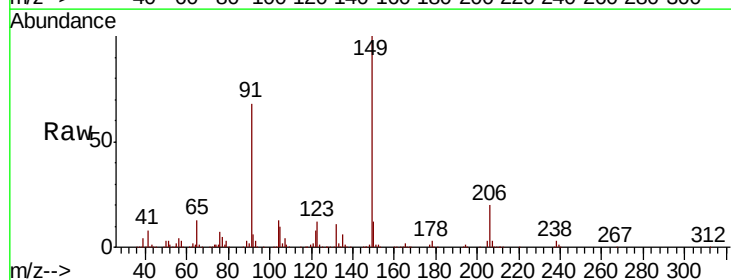
Tgt Ion:149 Resp: 578603

Ion Ratio Lower Upper

149 100

91 68.4 55.0 82.4

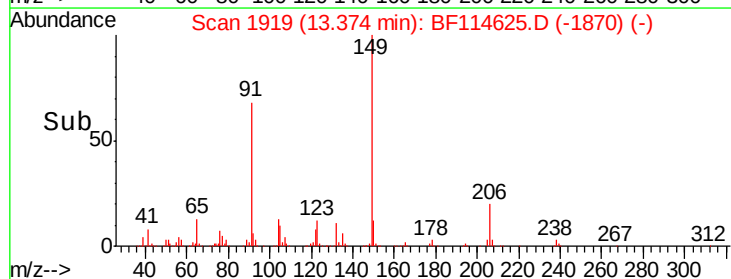
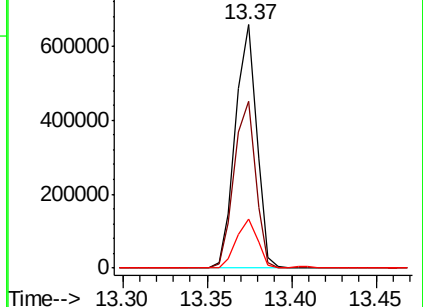
206 20.0 16.9 25.3

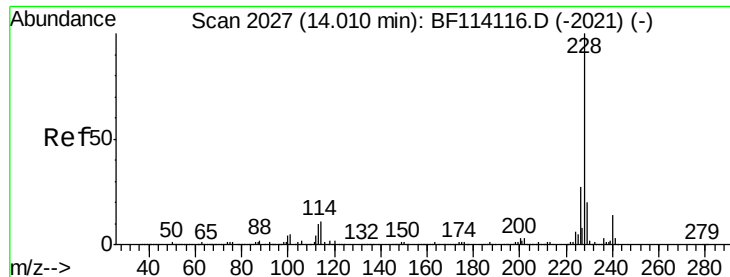


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.857 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

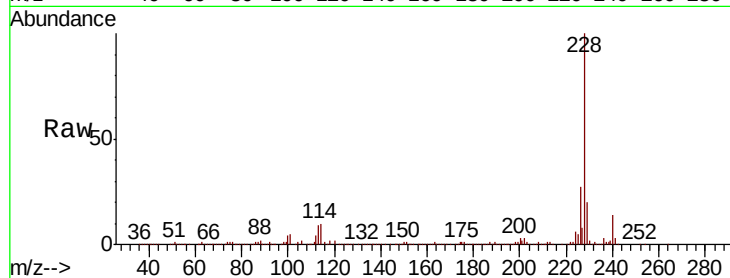
Tot Ion:228 Resp: 1102193

Ion Ratio Lower Upper

228 100

226 26.5 22.2 33.2

229 19.9 16.4 24.6

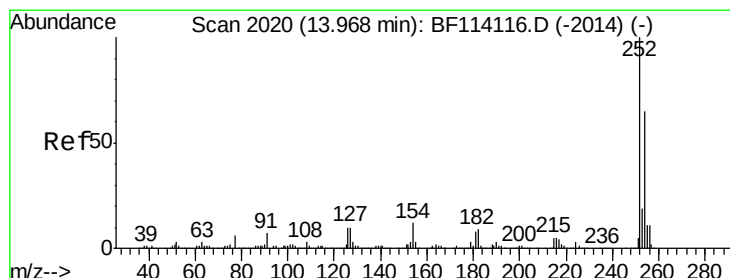
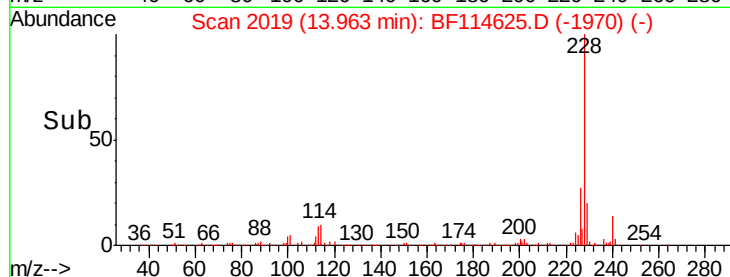
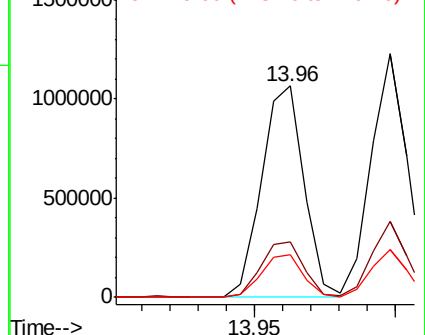


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.715 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

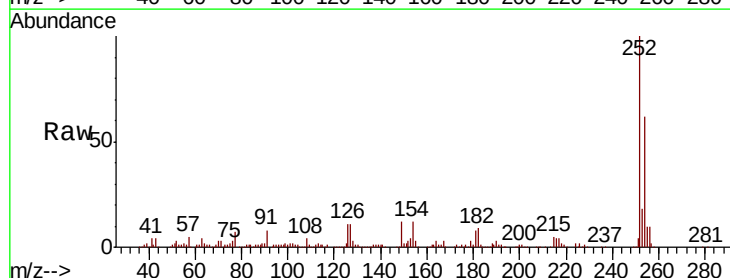
Tgt Ion:252 Resp: 321518

Ion Ratio Lower Upper

252 100

254 62.0 51.9 77.9

126 10.7 7.9 11.9

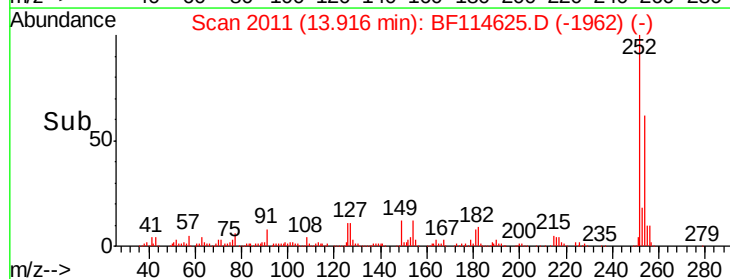
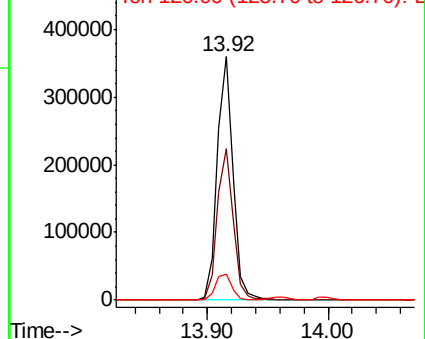


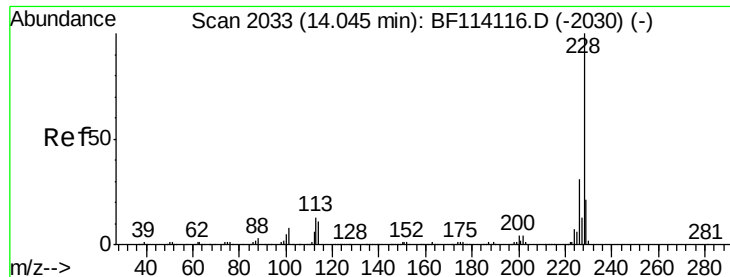
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.120 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

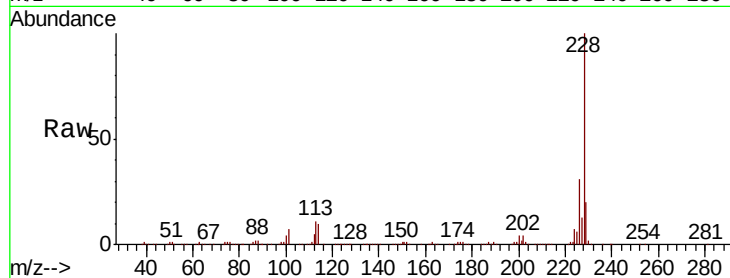
Tot Ion:228 Resp: 1088162

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.6

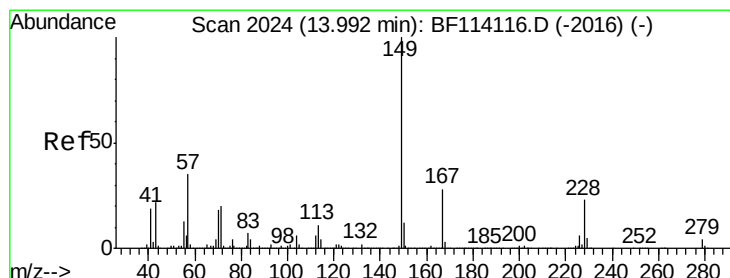
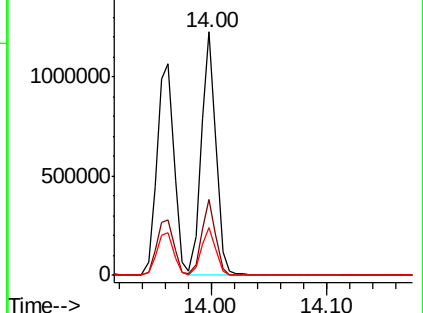
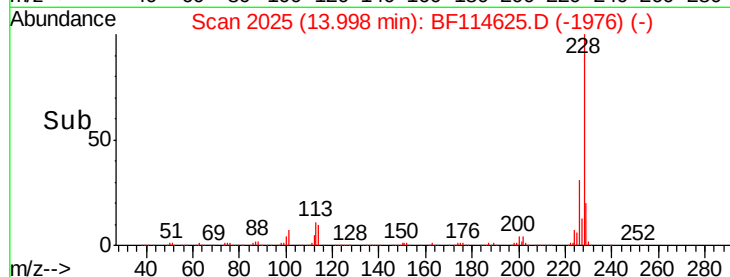
229 19.6 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.860 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

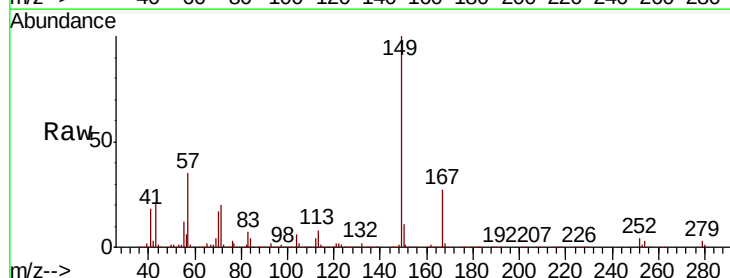
Tgt Ion:149 Resp: 775185

Ion Ratio Lower Upper

149 100

167 27.4 22.6 33.8

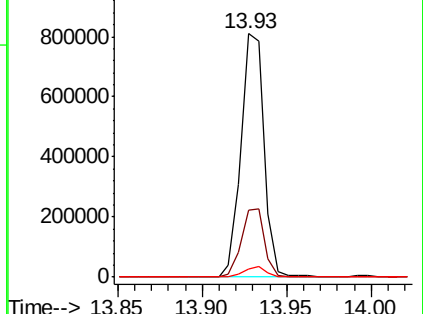
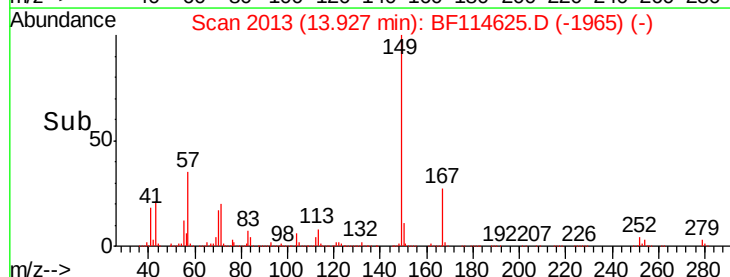
279 3.4 3.0 4.6

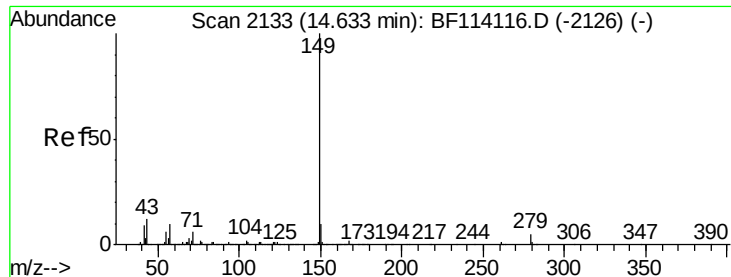


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.503 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

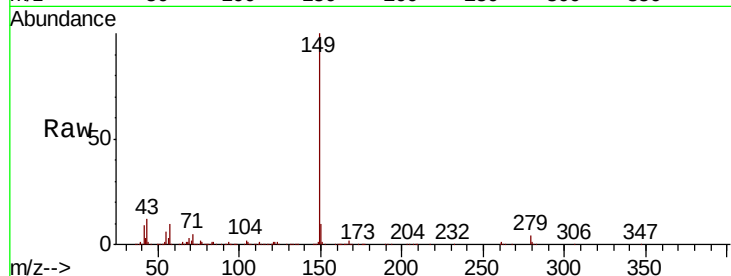
BNA_F

ClientSampleId :

PB120038BS

Tot Ion:149 Resp: 1277948

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.9	10.1	15.1

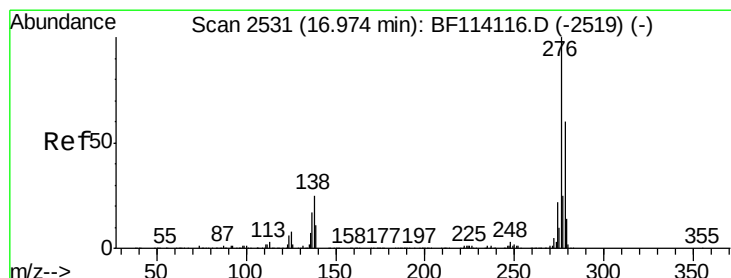
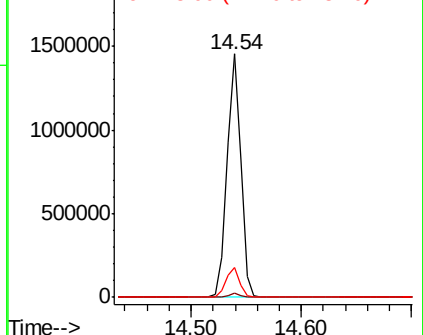
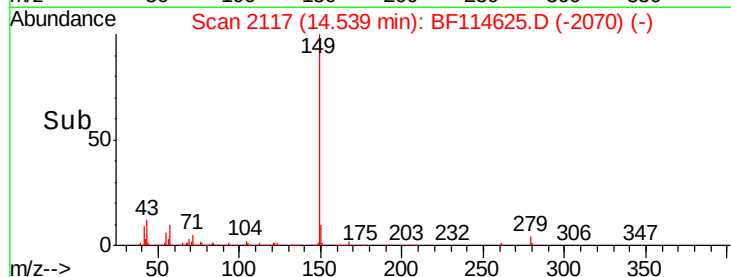


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.178 ng

RT: 16.90 min Scan# 2518

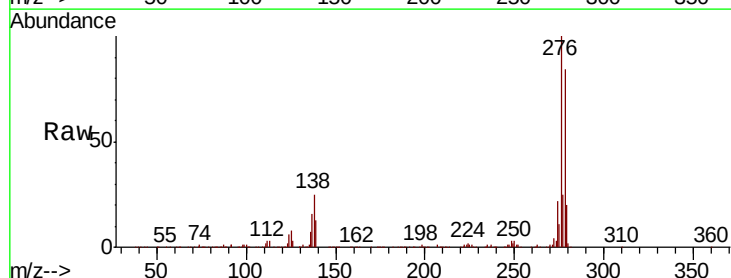
Delta R.T. -0.03 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Tgt Ion:276 Resp: 1015010

Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.2	30.2
277	25.0	20.0	30.0

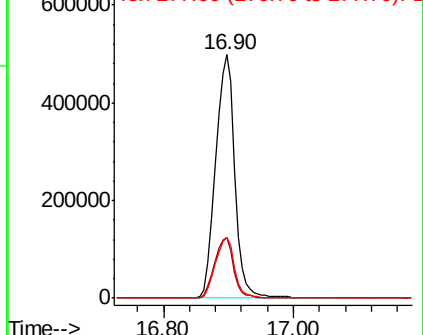
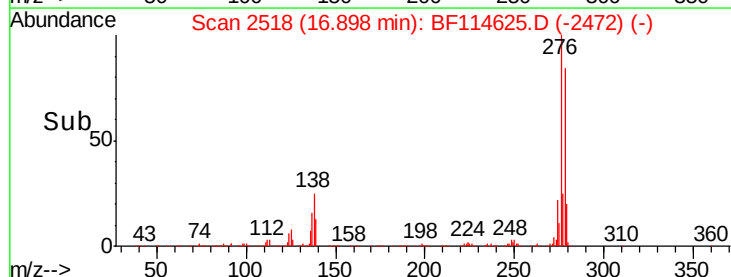


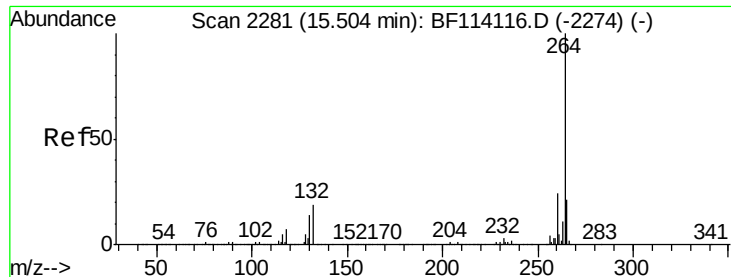
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

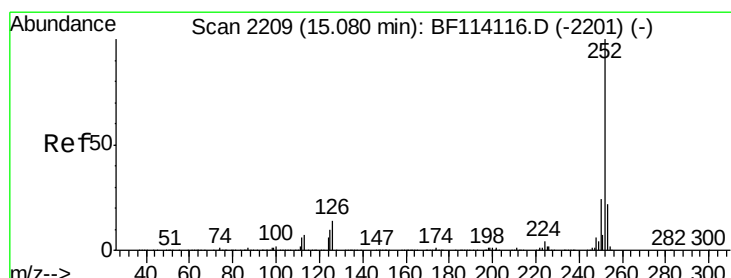
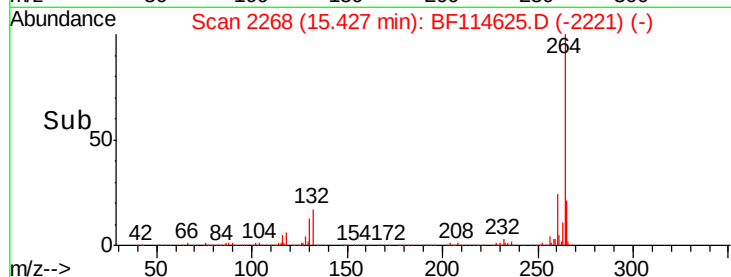
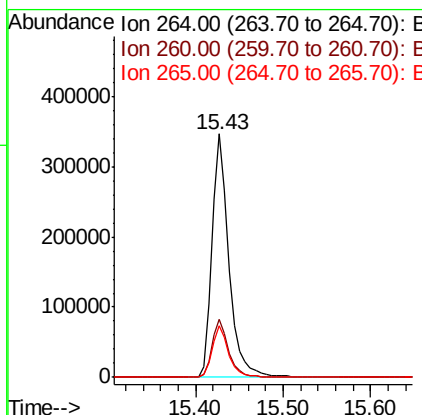
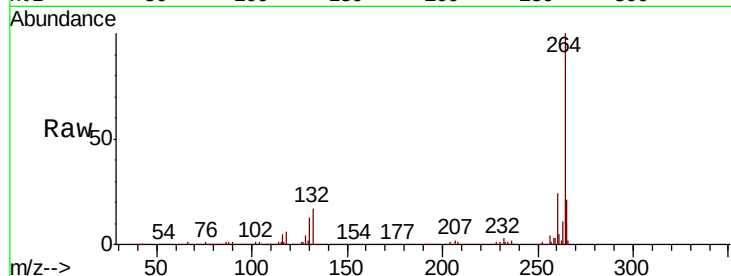




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

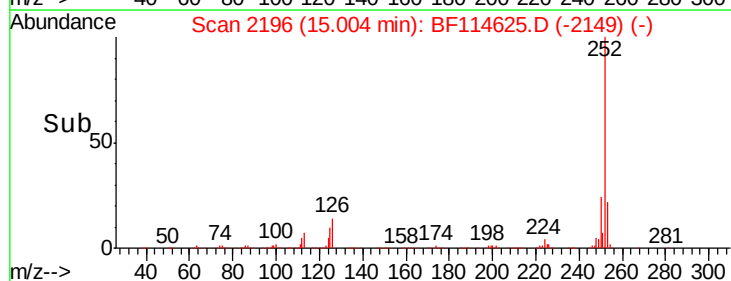
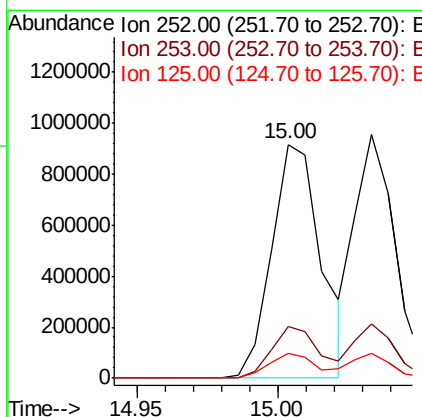
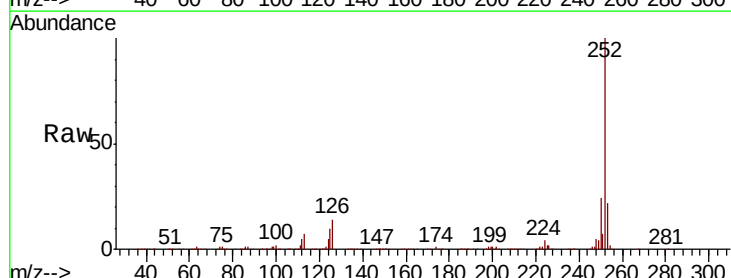
Instrument :
BNA_F
ClientSampleId :
PB120038BS

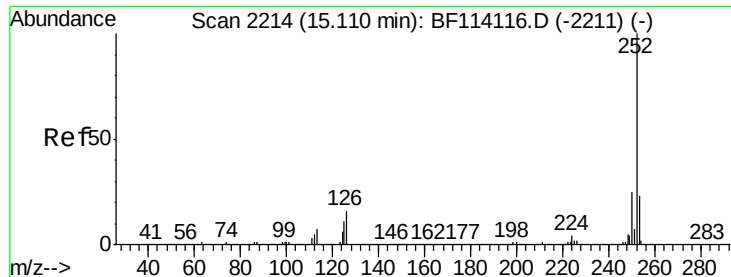
Tot Ion:264 Resp: 465211
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.0
265 21.1 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 37.469 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion:252 Resp: 1116740
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.5 8.3 12.5

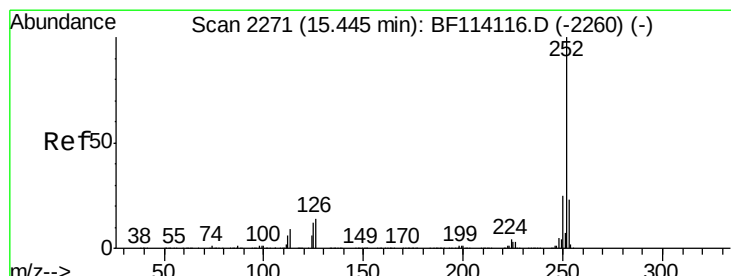
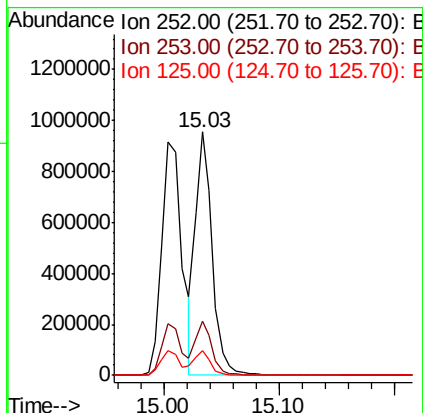
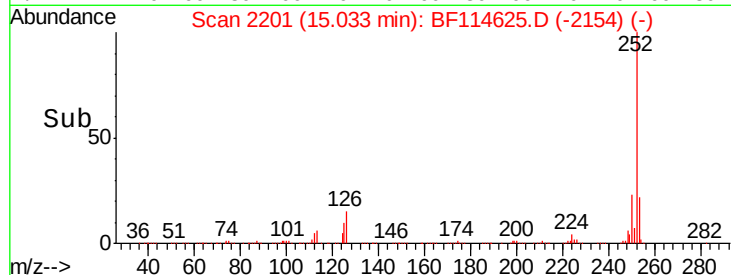
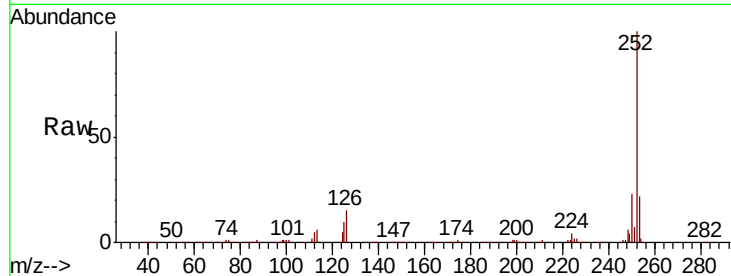




#89
Benzo(k)fluoranthene
Concen: 35.560 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

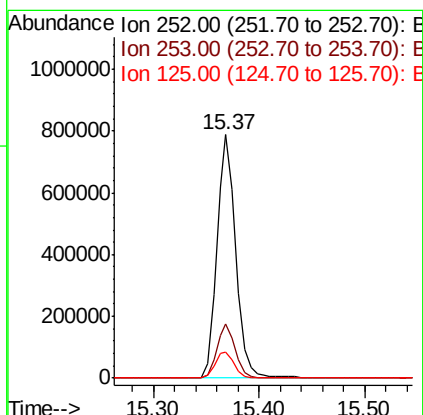
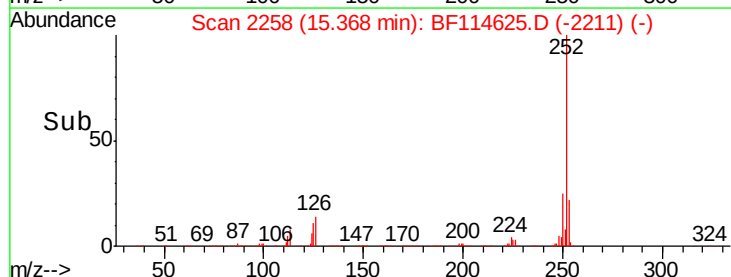
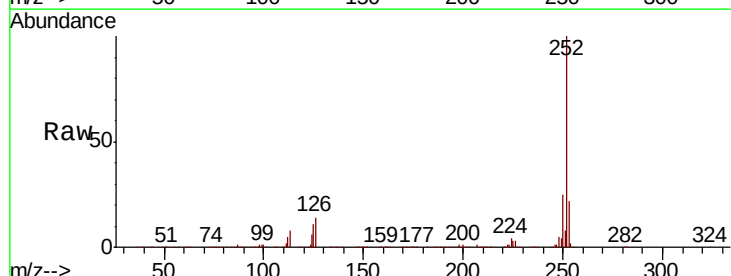
Instrument :
BNA_F
ClientSampleId :
PB120038BS

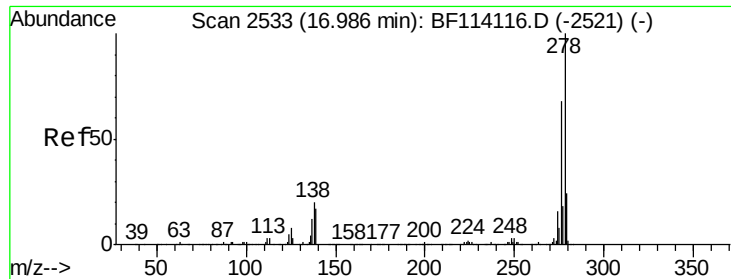
Tot Ion:252 Resp: 973562
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 10.3 8.6 13.0



#90
Benzo(a)pyrene
Concen: 37.606 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114625.D
Acq: 26 May 2019 2:22

Tgt Ion:252 Resp: 986399
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.9 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 39.002 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

Instrument :

BNA_F

ClientSampleId :

PB120038BS

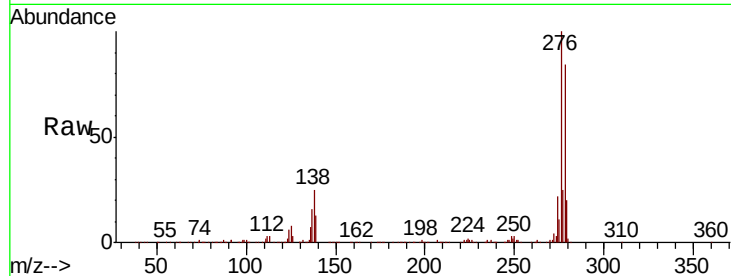
Tot Ion:278 Resp: 850081

Ion Ratio Lower Upper

278 100

139 15.8 13.5 20.3

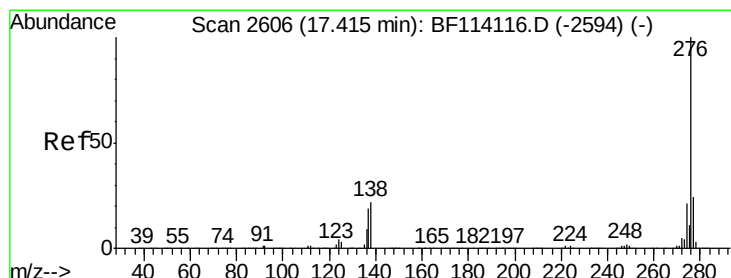
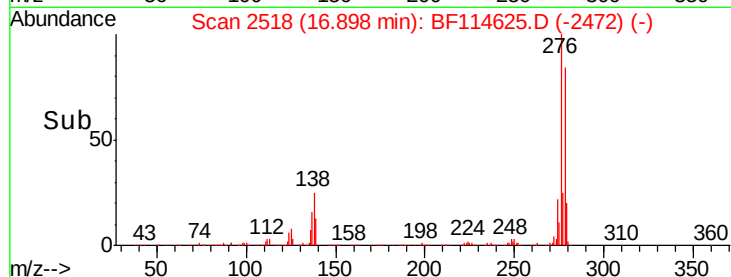
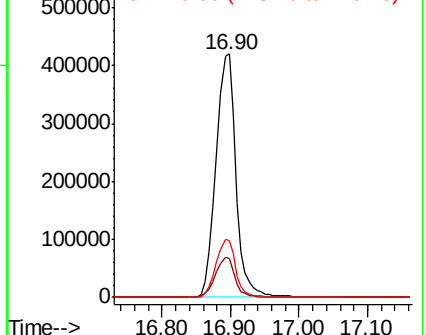
279 23.5 19.0 28.6



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: 39.851 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.04 min

Lab File: BF114625.D

Acq: 26 May 2019 2:22

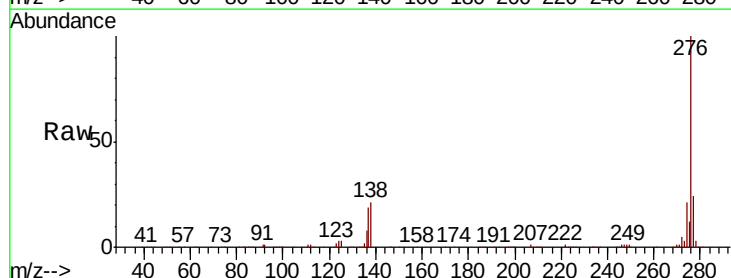
Tgt Ion:276 Resp: 870460

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 21.2 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

