

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114620.D
 Acq On : 25 May 2019 22:27
 Operator : JU/SJ
 Sample : PB120034BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120034BS

Quant Time: May 26 23:48:49 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	143815	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	546192	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	254022	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	483693	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	342146	20.00	ng	-0.02
87) Perylene-d12	15.43	264	327787	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1161219	129.94	ng	0.00
7) Phenol-d6	6.45	99	1456053	137.76	ng	-0.01
23) Nitrobenzene-d5	7.37	82	882158	90.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	337751	128.61	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1554310	92.56	ng	-0.02
79) Terphenyl-d14	12.90	244	1537886	92.66	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	217767	44.333	ng	99
3) Pyridine	3.37	79	423663	31.304	ng	98
4) n-Nitrosodimethylamine	3.32	42	227391	34.842	ng	97
6) Aniline	6.47	93	421622	27.614	ng	# 57
8) 2-Chlorophenol	6.59	128	422474	44.282	ng	95
9) Benzaldehyde	6.36	77	200258	27.063	ng	98
10) Phenol	6.46	94	508403	40.888	ng	87
11) bis(2-Chloroethyl)ether	6.53	93	399289	42.299	ng	100
12) 1,3-Dichlorobenzene	6.74	146	442467	41.317	ng	97
13) 1,4-Dichlorobenzene	6.82	146	447496	41.468	ng	99
14) 1,2-Dichlorobenzene	6.97	146	413635	41.955	ng	98
15) Benzyl Alcohol	6.95	79	327539	39.732	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	705265	38.533	ng	56
17) 2-Methylphenol	7.07	107	328616	41.931	ng	# 90
18) Hexachloroethane	7.31	117	161330	39.828	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	282236	42.127	ng	100
20) 3+4-Methylphenols	7.22	107	430060	47.495	ng	# 70
22) Acetophenone	7.21	105	560391	46.314	ng	# 87
24) Nitrobenzene	7.39	77	432947	43.676	ng	95
25) Isophorone	7.62	82	772453	42.795	ng	99
26) 2-Nitrophenol	7.70	139	224833	46.750	ng	98
27) 2,4-Dimethylphenol	7.75	122	360496	47.726	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	490289	41.864	ng	99
29) 2,4-Dichlorophenol	7.96	162	339610	45.153	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	366505	42.852	ng	99
31) Naphthalene	8.10	128	1185804	46.478	ng	98
32) Benzoic acid	7.90	122	189538	37.065	ng	96
33) 4-Chloroaniline	8.16	127	303004	26.062	ng	97
34) Hexachlorobutadiene	8.22	225	205530	42.235	ng	98
35) Caprolactam	8.53	113	59565	24.287	ng	97
36) 4-Chloro-3-methylphenol	8.66	107	351257	46.396	ng	98
37) 2-Methylnaphthalene	8.80	142	783961	47.625	ng	97
38) 1-Methylnaphthalene	8.90	142	734467	47.379	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	358724	46.619	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	151120	44.200	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	213484	40.335	ng	97
44) 2,4,5-Trichlorophenol	9.13	196	218768	40.304	ng	95
46) 1,1'-Biphenyl	9.26	154	964556	47.002	ng	98
47) 2-Chloronaphthalene	9.29	162	716368	43.375	ng	99
48) 2-Nitroaniline	9.39	65	237308	40.516	ng	92
49) Acenaphthylene	9.70	152	1133920	45.142	ng	98
50) Dimethylphthalate	9.56	163	796013	42.687	ng	99
51) 2,6-Dinitrotoluene	9.63	165	178851	43.242	ng	97
52) Acenaphthene	9.87	154	663872	43.069	ng	98
53) 3-Nitroaniline	9.80	138	138664	27.008	ng	94
54) 2,4-Dinitrophenol	9.93	184	133785	65.649	ng	94
55) Dibenzofuran	10.05	168	960025	42.474	ng	99
56) 4-Nitrophenol	9.99	139	171404	47.207	ng	96
57) 2,4-Dinitrotoluene	10.04	165	221641	39.481	ng	# 75
58) Fluorene	10.39	166	785676	45.002	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	187955	40.132	ng	98
60) Diethylphthalate	10.26	149	788793	41.631	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	374562	43.682	ng	98
62) 4-Nitroaniline	10.42	138	185586	34.399	ng	97
63) Azobenzene	10.54	77	770266	42.000	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	97227	41.832	ng	99
66) n-Nitrosodiphenylamine	10.50	169	686021	46.731	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	227898	42.792	ng	99
68) Hexachlorobenzene	10.95	284	243539	41.336	ng	92
69) Atrazine	11.02	200	199541	43.678	ng	97
70) Pentachlorophenol	11.15	266	147805	52.922	ng	99
71) Phenanthrene	11.35	178	1083402	46.039	ng	98
72) Anthracene	11.40	178	1117337	47.272	ng	98
73) Carbazole	11.56	167	1042663	46.260	ng	100
74) Di-n-butylphthalate	11.88	149	1186457	45.691	ng	99
75) Fluoranthene	12.54	202	1161825	45.847	ng	98
77) Benzidine	12.66	184	566628	36.894	ng	98
78) Pyrene	12.77	202	1164931	42.324	ng	99
80) Butylbenzylphthalate	13.37	149	514036	44.370	ng	99
81) Benzo(a)anthracene	13.96	228	977828	44.186	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	281651	32.808	ng	98
83) Chrysene	14.00	228	966092	44.534	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	699131	46.142	ng	100
85) Di-n-octyl phthalate	14.54	149	1128527	45.946	ng	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	895236	46.694	ng	100
88) Benzo(b)fluoranthene	15.00	252	995970	47.427	ng	100
89) Benzo(k)fluoranthene	15.03	252	849351	44.029	ng	99
90) Benzo(a)pyrene	15.37	252	875502	47.371	ng	98
91) Dibenzo(a,h)anthracene	16.89	278	747832	48.695	ng	99
92) Benzo(g,h,i)perylene	17.33	276	777344	50.508	ng	99

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

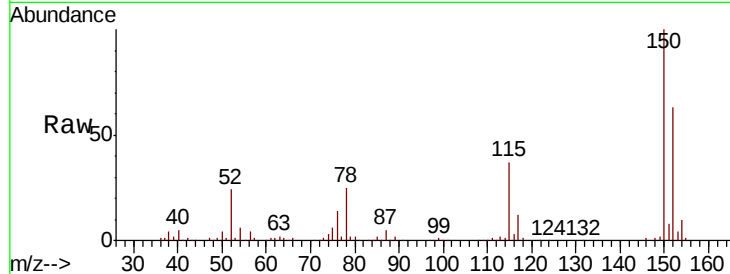


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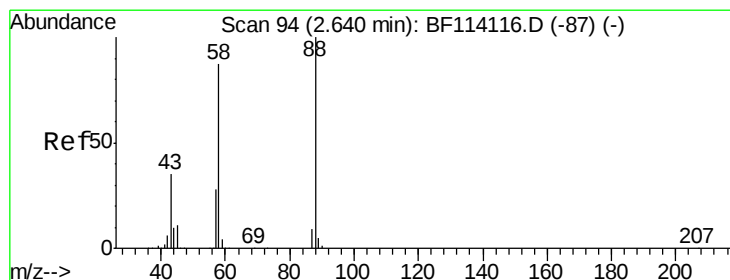
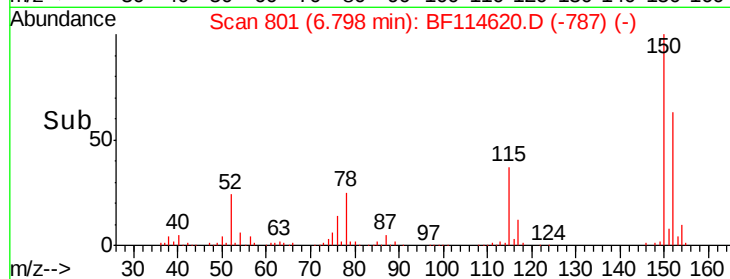
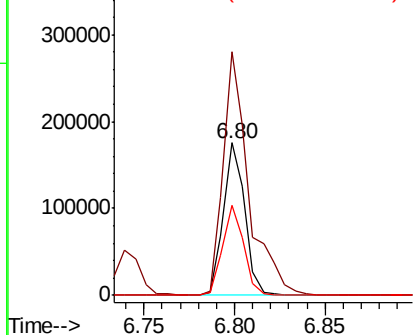
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion:152 Resp: 143815
Ion Ratio Lower Upper
152 100
150 159.7 124.3 186.5
115 59.3 49.1 73.7



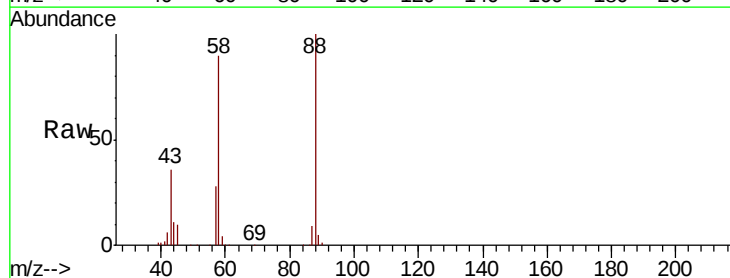
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



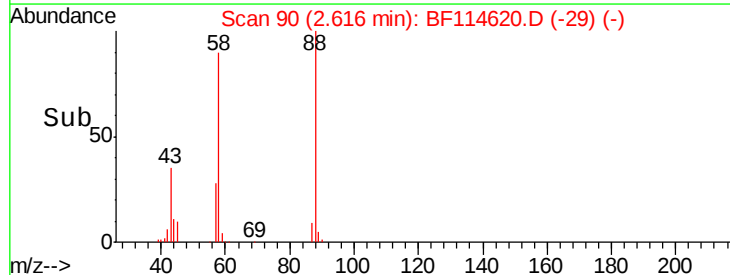
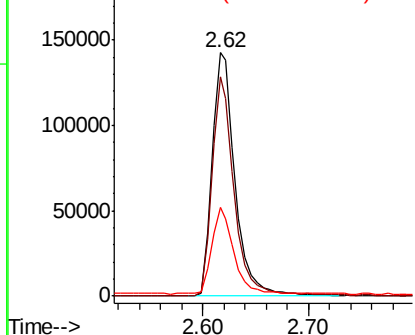
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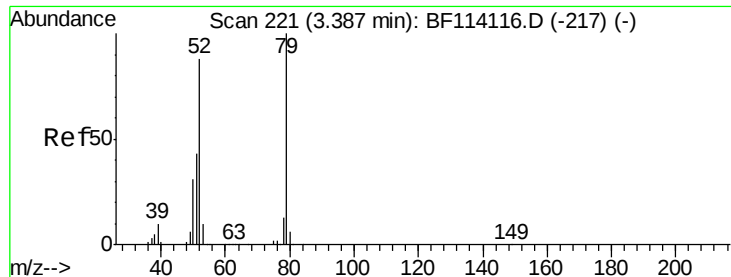
1,4-Dioxane
Concen: 44.333 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.06 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion: 88 Resp: 217767
Ion Ratio Lower Upper
88 100
58 85.9 68.7 103.1
43 34.2 28.2 42.2



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





#3

Pvridine

Concen: 31.304 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.06 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

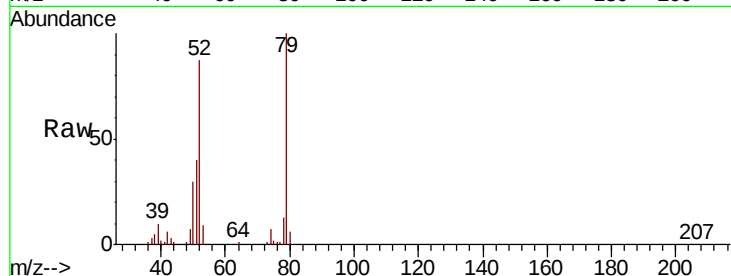
Tot Ion: 79 Resp: 423663

Ion Ratio Lower Upper

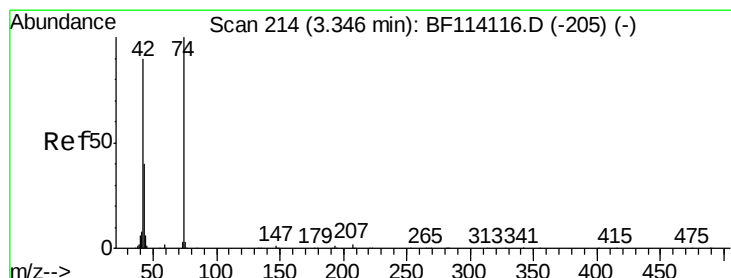
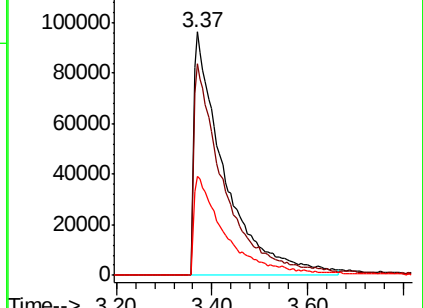
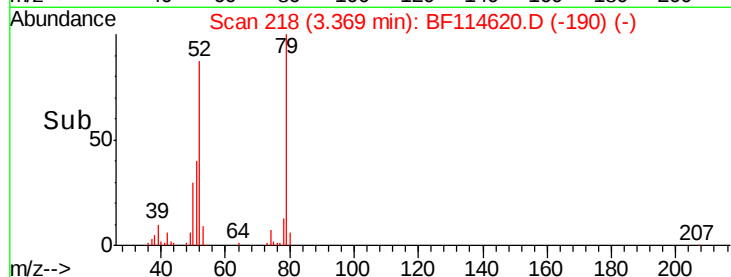
79 100

52 87.1 70.6 105.8

51 40.5 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.842 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.05 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

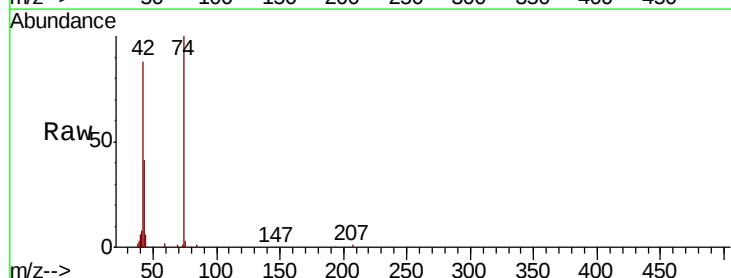
Tgt Ion: 42 Resp: 227391

Ion Ratio Lower Upper

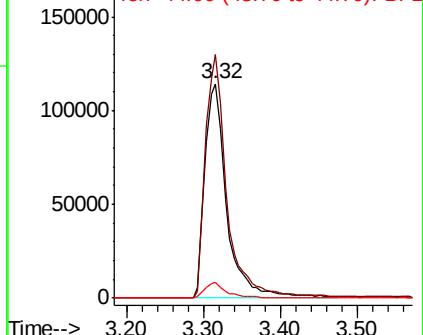
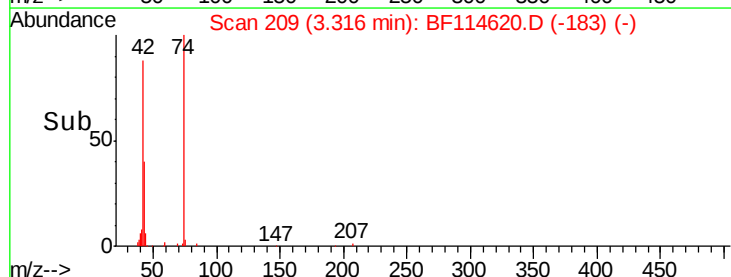
42 100

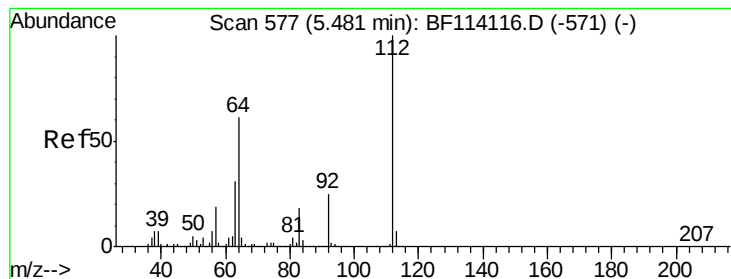
74 113.7 88.6 132.8

44 7.3 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

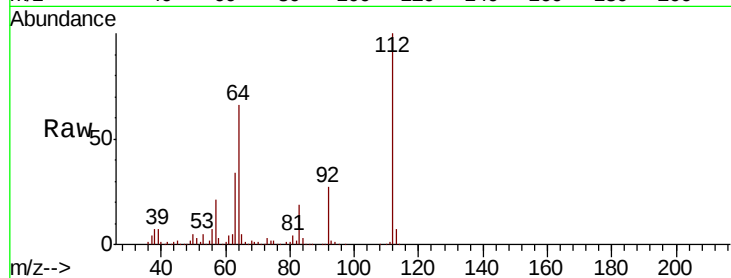




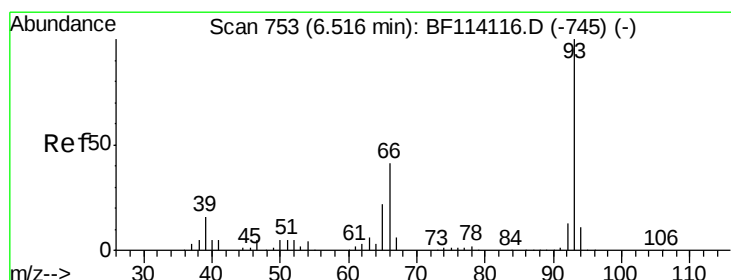
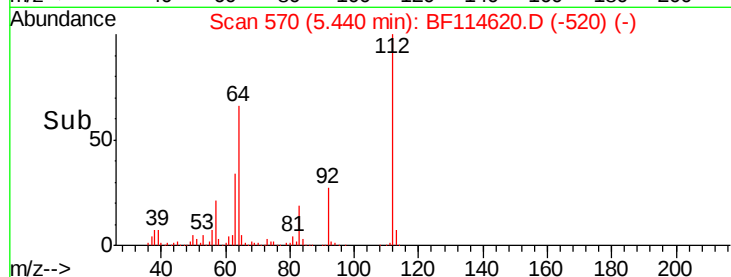
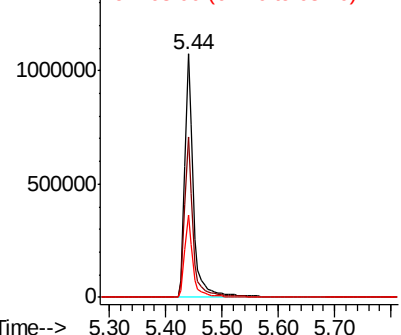
#5
 2-Fluorophenol
 Concen: 129.938 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Instrument :
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 ClientSampleId :
 PB120034BS

Tot Ion:112 Resp: 1161219
 Ion Ratio Lower Upper
 112 100
 64 66.1 49.0 73.6
 63 33.8 24.6 37.0

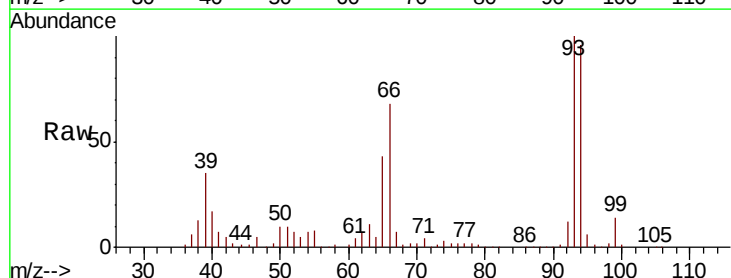


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

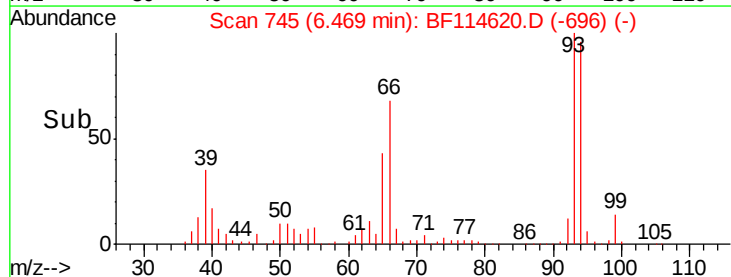
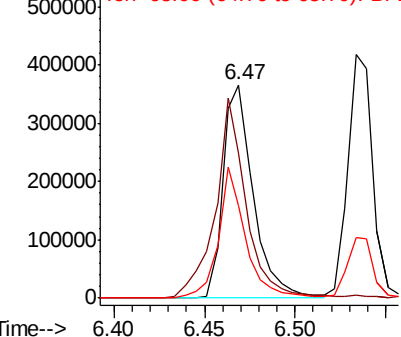


#6
 Aniline
 Concen: 27.614 ng
 RT: 6.47 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Tgt Ion: 93 Resp: 421622
 Ion Ratio Lower Upper
 93 100
 66 67.8 33.2 49.8#
 65 43.3 17.6 26.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 137.757 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

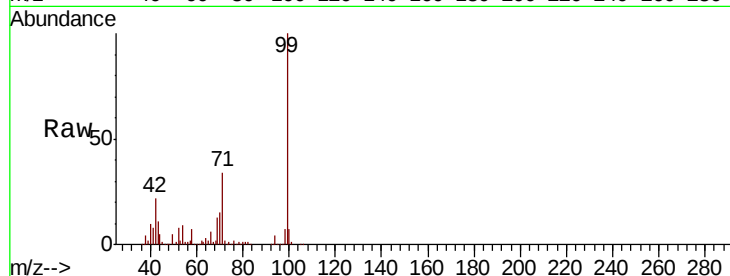
Tot Ion: 99 Resp: 1456053

Ion Ratio Lower Upper

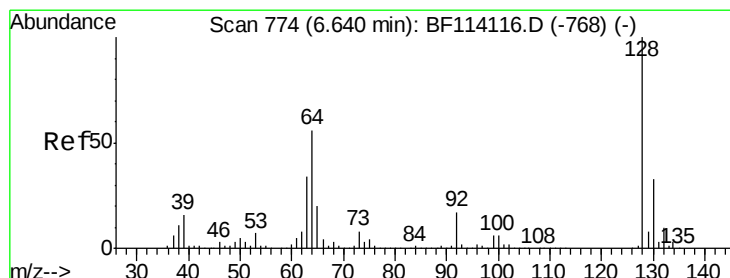
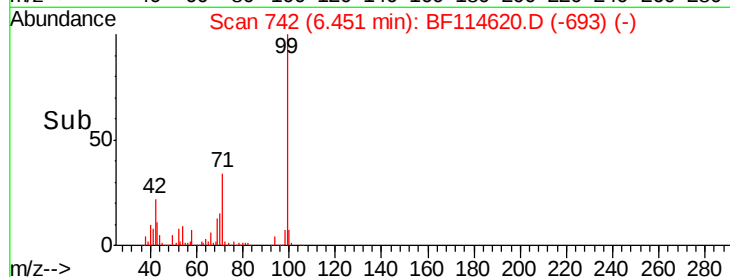
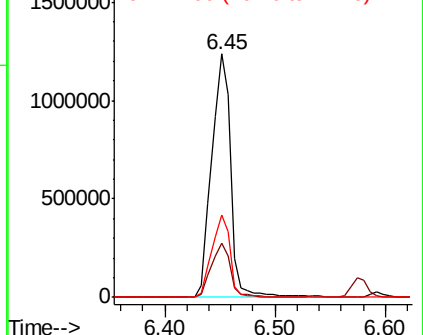
99 100

42 22.5 17.9 26.9

71 33.7 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.282 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

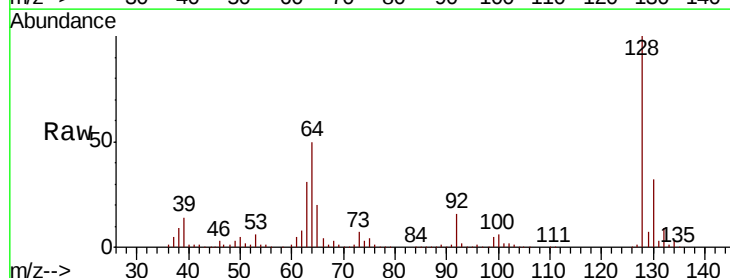
Tgt Ion: 128 Resp: 422474

Ion Ratio Lower Upper

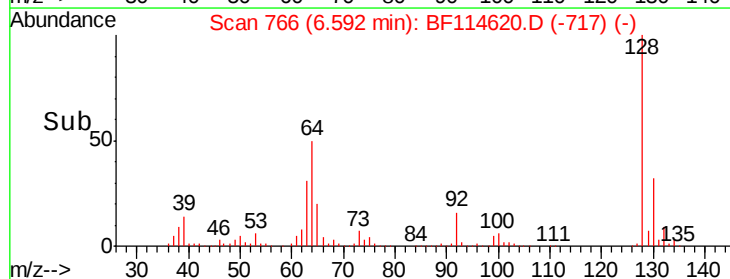
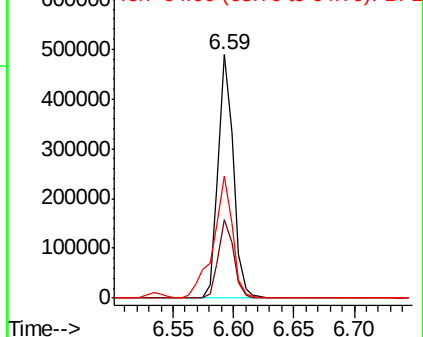
128 100

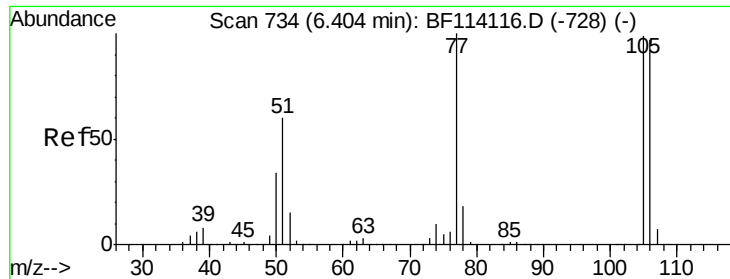
130 32.3 12.6 52.6

64 50.3 35.9 75.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.063 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

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ClientSampleId :

PB120034BS

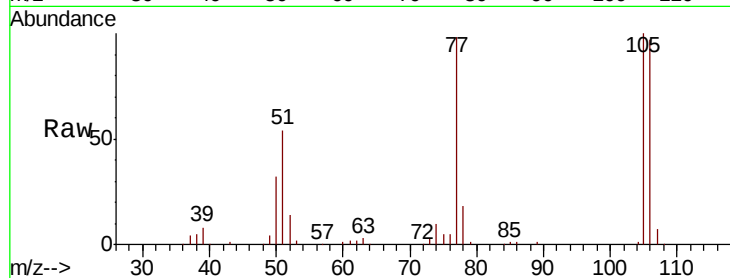
Tot Ion: 77 Resp: 200258

Ion Ratio Lower Upper

77 100

105 101.9 79.3 119.3

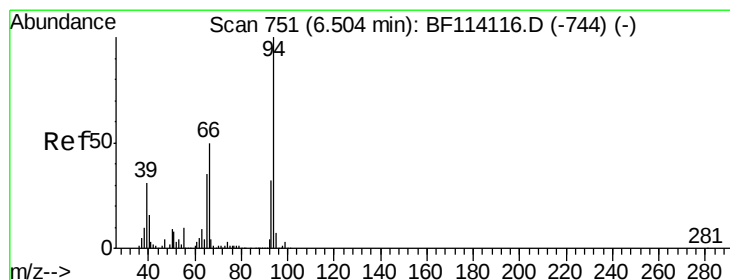
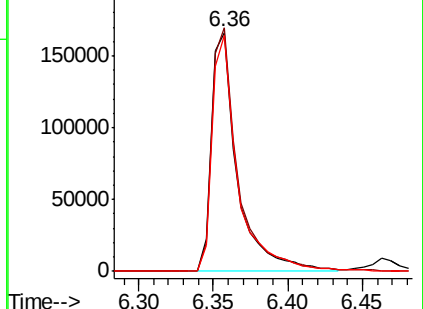
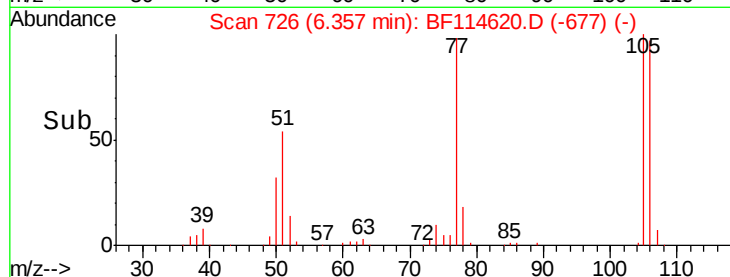
106 98.8 77.0 117.0



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: 40.888 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

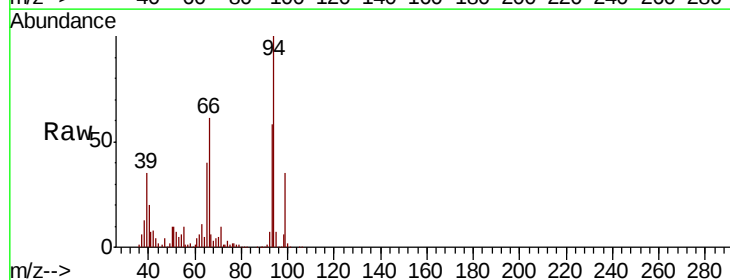
Tgt Ion: 94 Resp: 508403

Ion Ratio Lower Upper

94 100

65 39.9 14.7 54.7

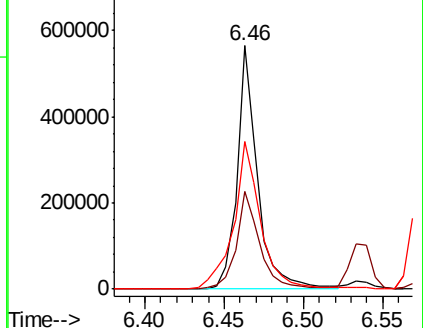
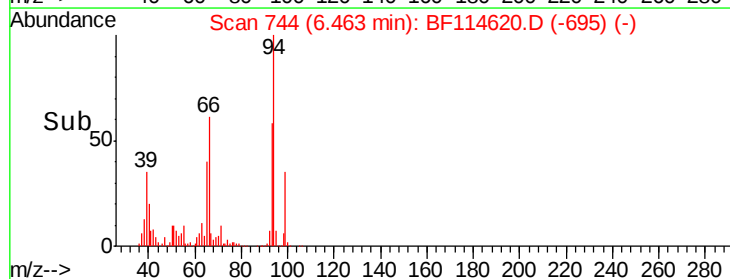
66 60.7 29.6 69.6

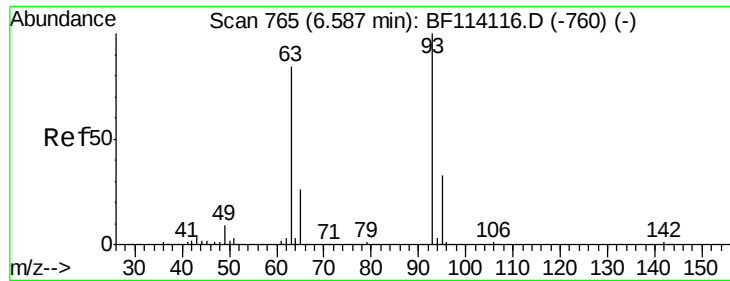


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



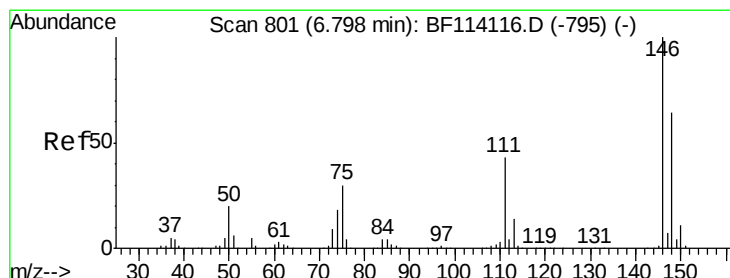
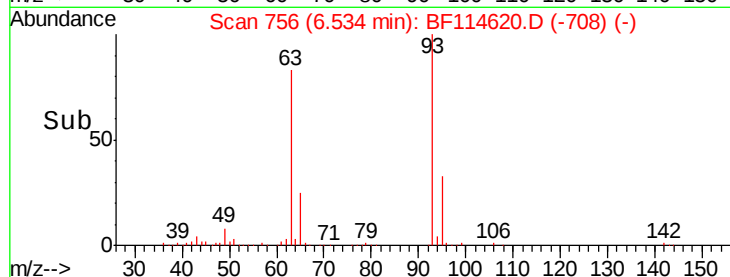
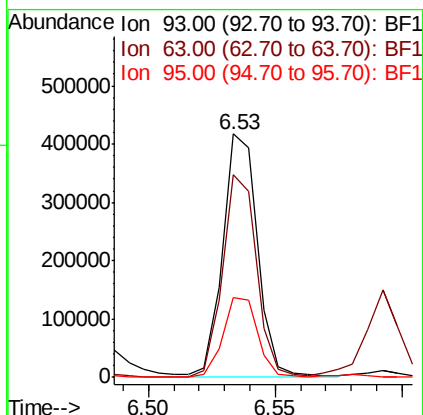
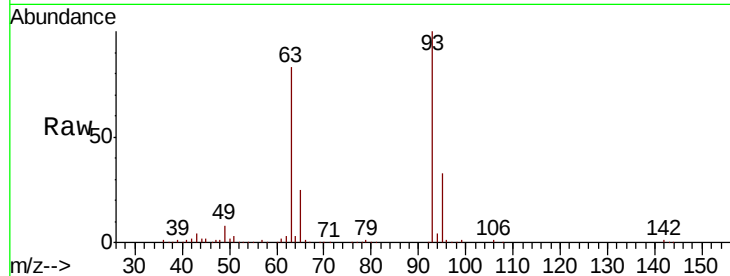


#11
 bis(2-Chloroethyl)ether
 Concen: 42.299 ng
 RT: 6.53 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Instrument :
 BNA_F
 ClientSampleId :
 PB120034BS

Tot Ion: 93 Resp: 399289

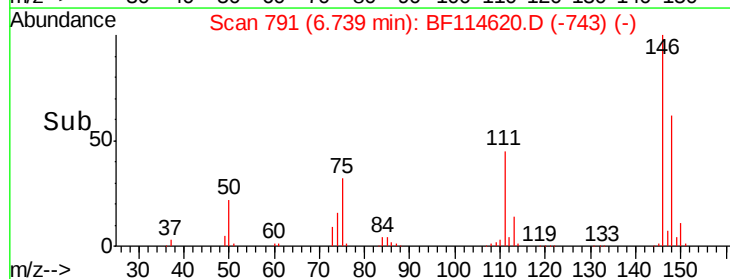
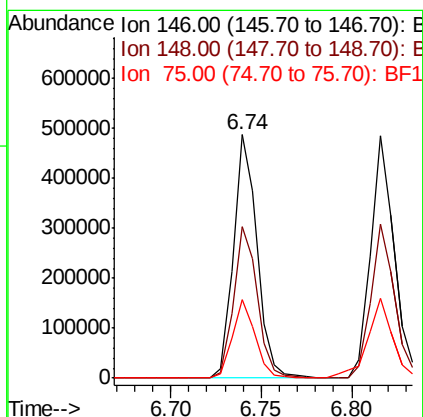
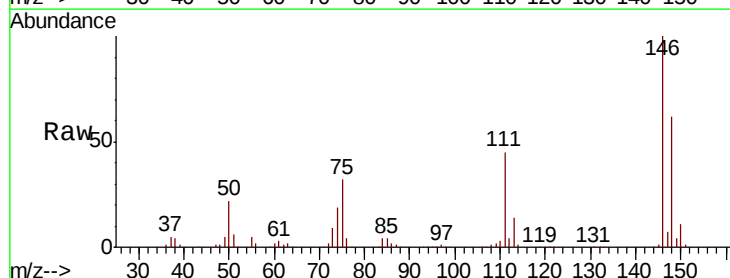
Ion	Ratio	Lower	Upper
93	100		
63	83.2	63.6	103.6
95	32.9	13.1	53.1

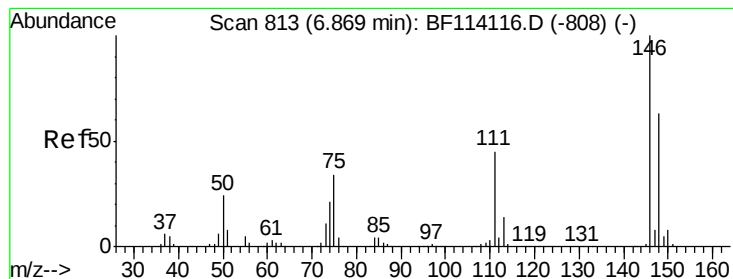


#12
 1,3-Dichlorobenzene
 Concen: 41.317 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.02 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Tgt Ion: 146 Resp: 442467

Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.6	77.4
75	32.3	24.2	36.2





#13

1,4-Dichlorobenzene

Concen: 41.468 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

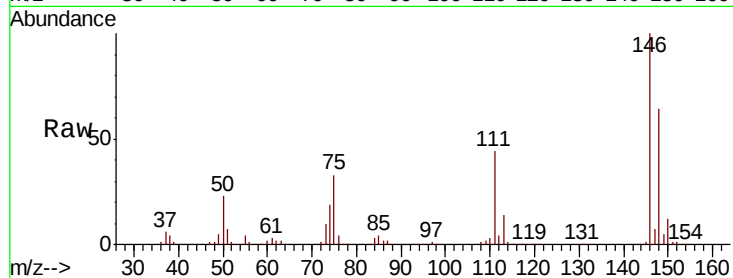
Tot Ion:146 Resp: 447496

Ion Ratio Lower Upper

146 100

148 63.8 50.2 75.2

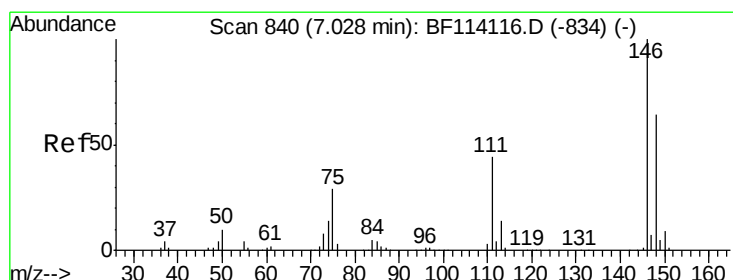
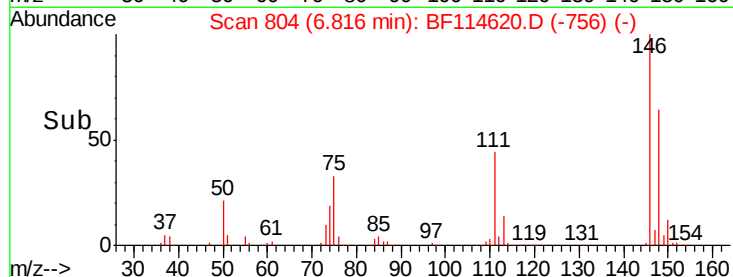
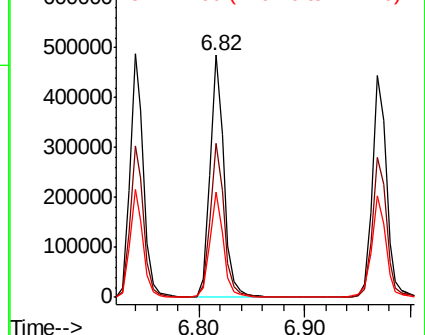
111 43.7 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.955 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

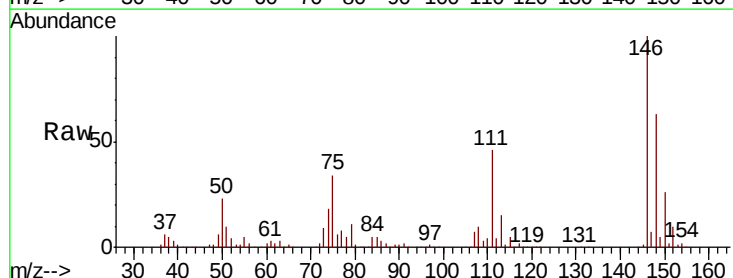
Tgt Ion:146 Resp: 413635

Ion Ratio Lower Upper

146 100

148 63.1 51.1 76.7

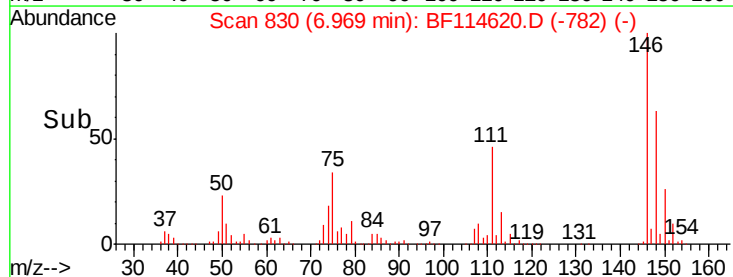
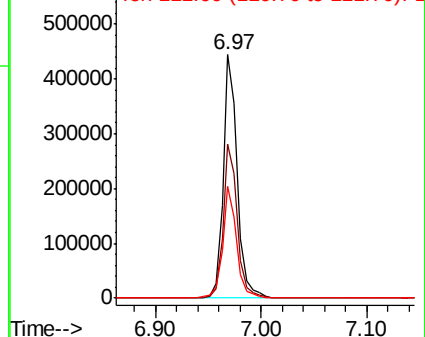
111 45.8 35.3 52.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

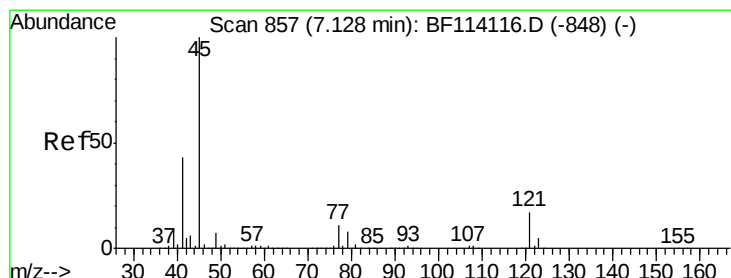
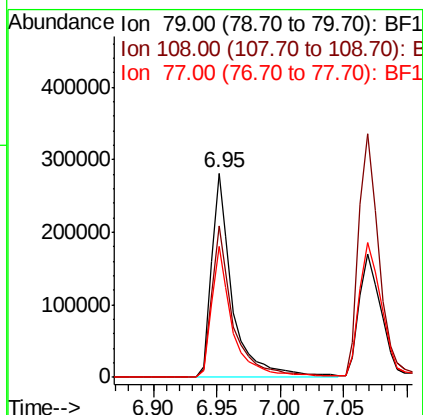
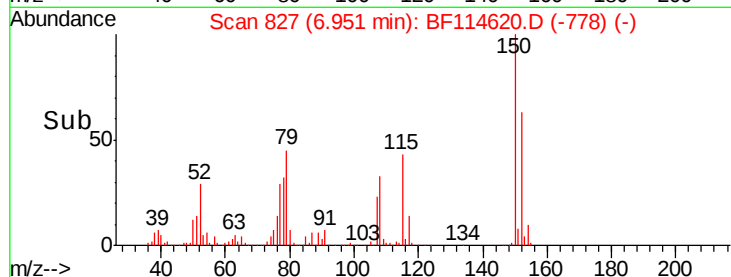
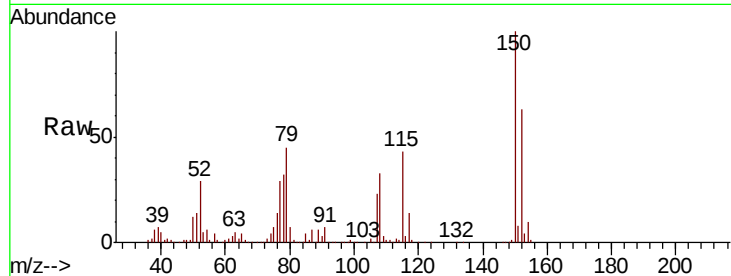




#15
Benzyl Alcohol
Concen: 39.732 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

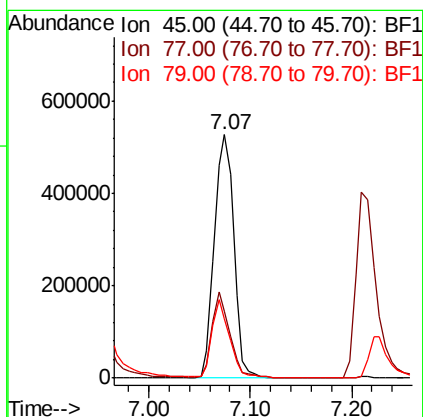
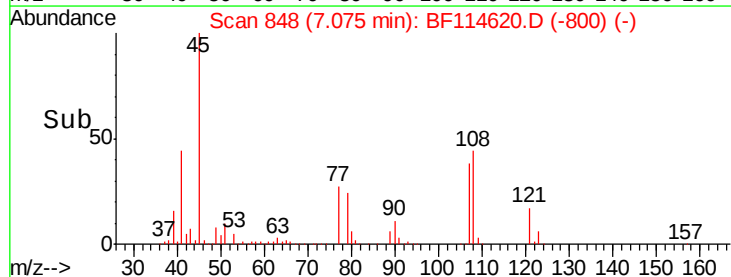
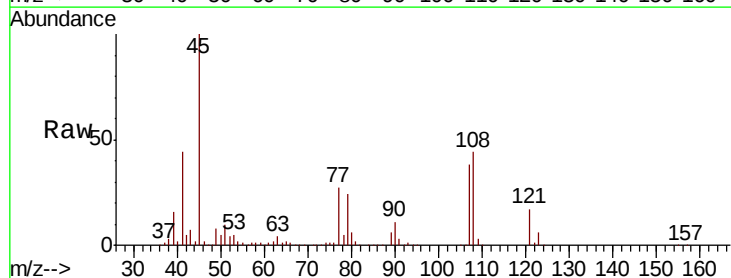
Instrument :
BNA_F
ClientSampleId :
PB120034BS

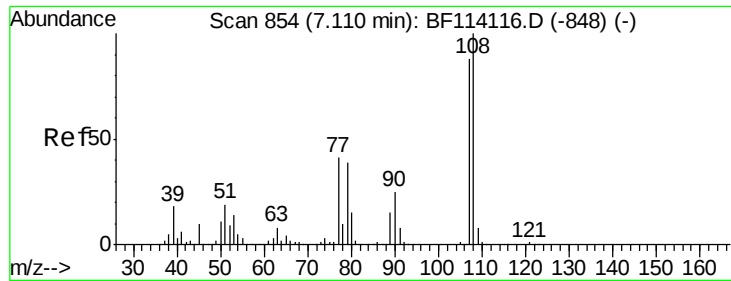
Tot Ion	Ratio	Lower	Upper
79	100		
108	74.4	62.1	93.1
77	63.8	51.0	76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.533 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.4	0.0	31.1
79	24.4	0.0	28.4





#17

2-Methylphenol

Concen: 41.931 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

Tot Ion:107 Resp: 328616

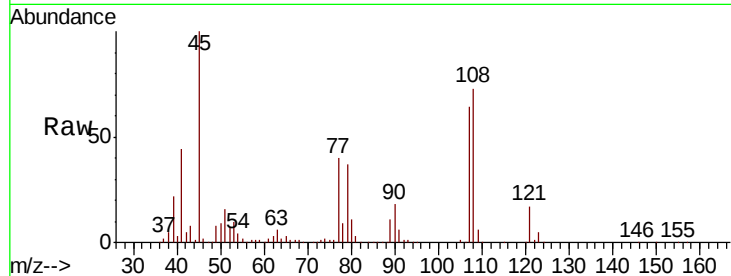
Ion Ratio Lower Upper

107 100

108 113.2 90.5 135.7

77 62.9 37.0 55.4#

79 57.6 35.8 53.8#

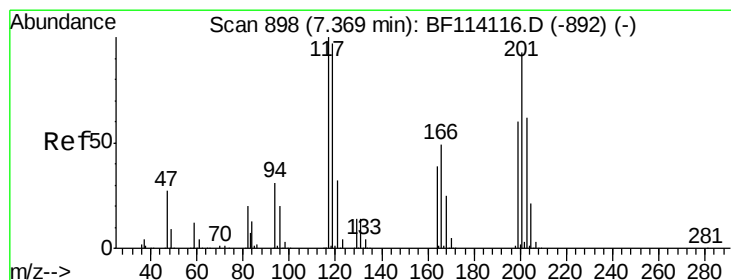
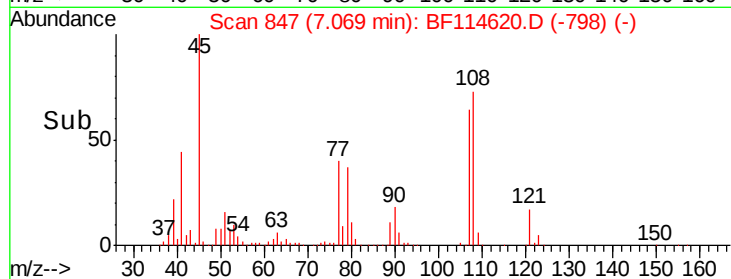
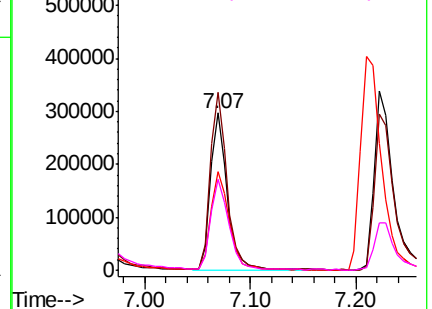


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 39.828 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

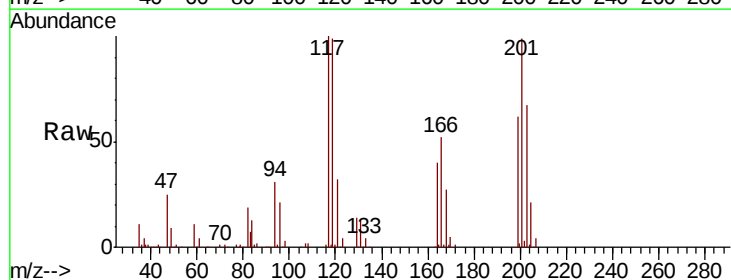
Tgt Ion:117 Resp: 161330

Ion Ratio Lower Upper

117 100

119 98.5 77.4 116.2

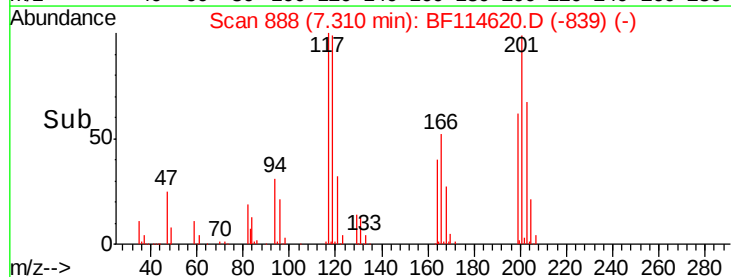
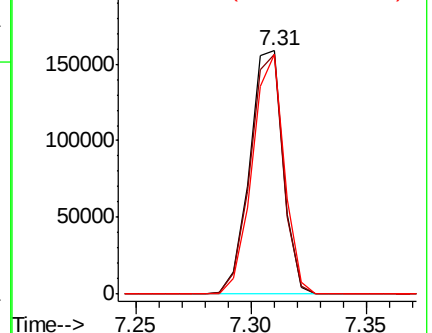
201 98.6 74.5 111.7

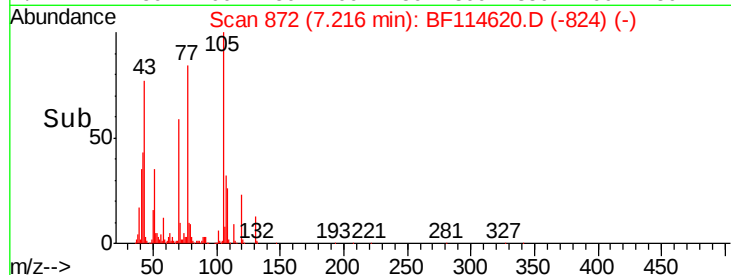
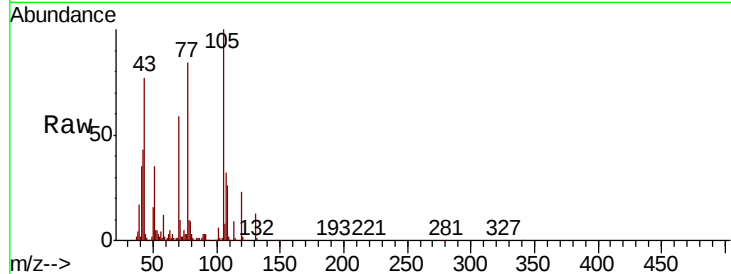


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

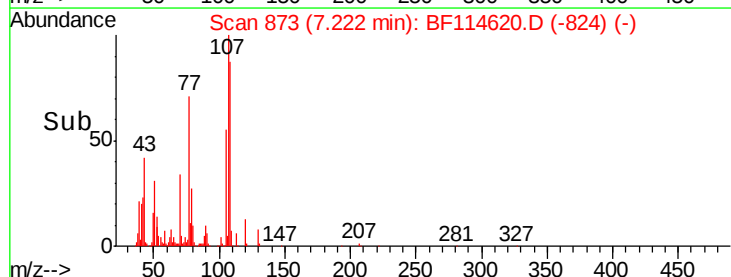
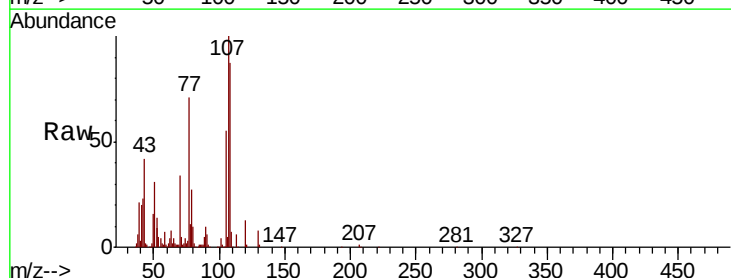
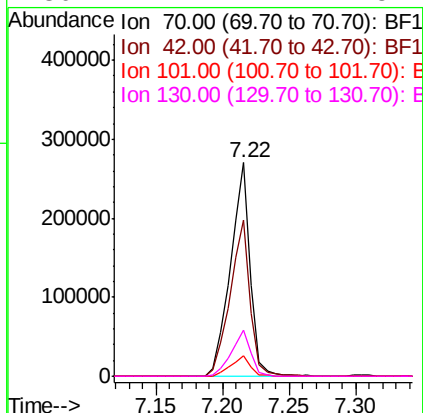




#19
n-Nitroso-di-n-propylamine
Concen: 42.127 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

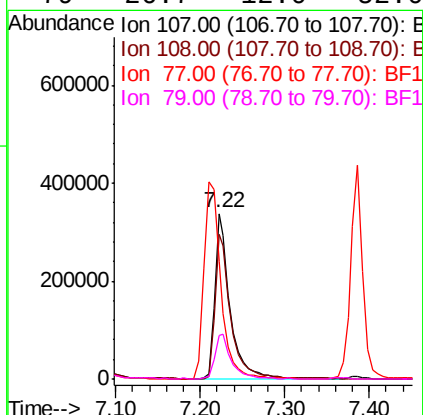
Instrument :
BNA_F
ClientSampleId :
PB120034BS

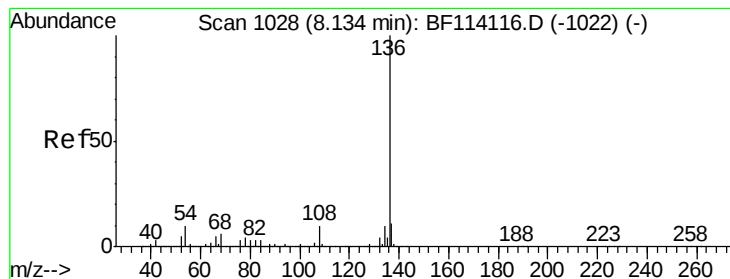
Tot Ion:	70	Resp:	282236
Ion	Ratio	Lower	Upper
70	100		
42	73.2	58.6	87.8
101	9.6	7.8	11.8
130	21.7	17.1	25.7



#20
3+4-Methylphenols
Concen: 47.495 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion:	107	Resp:	430060
Ion	Ratio	Lower	Upper
107	100		
108	87.1	73.8	113.8
77	71.0	111.5	151.5#
79	26.7	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: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

Tot Ion:136 Resp: 546192

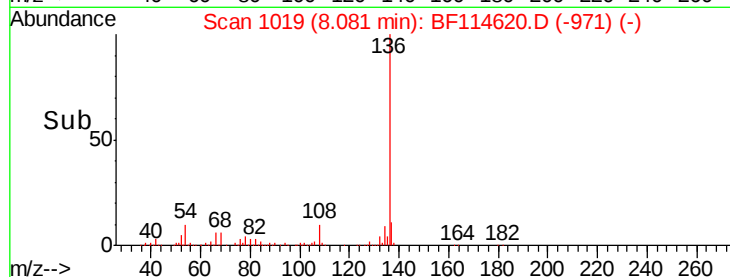
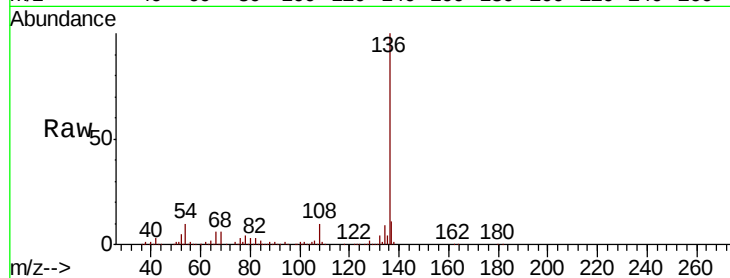
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.5 7.8 11.8

68 6.0 5.1 7.7



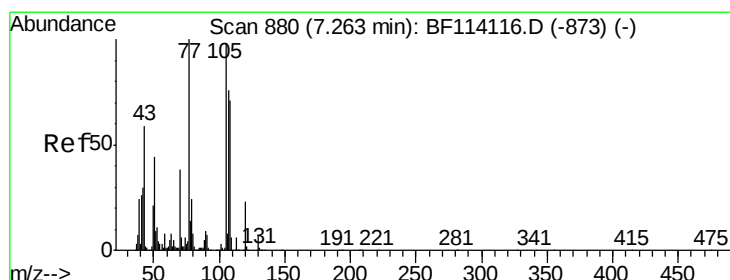
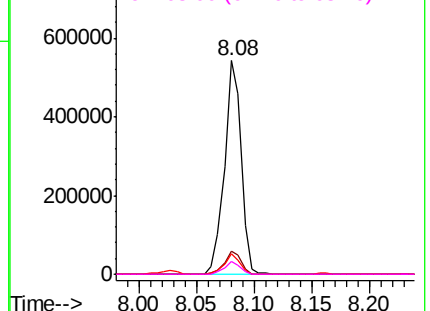
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.314 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.02 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Tgt Ion:105 Resp: 560391

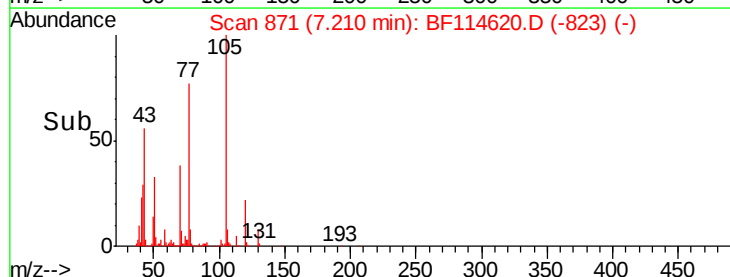
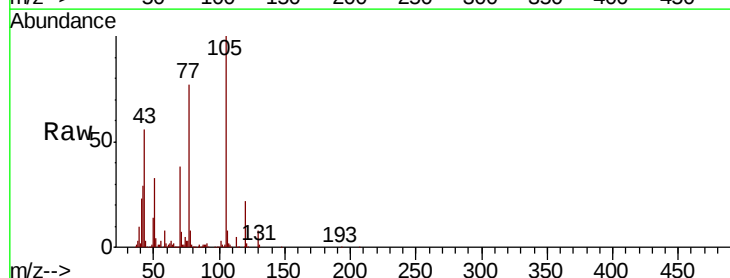
Ion Ratio Lower Upper

105 100

71 6.6 5.3 7.9

51 32.8 36.2 54.4#

120 21.5 18.6 28.0



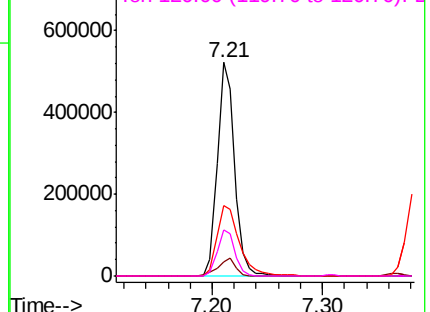
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

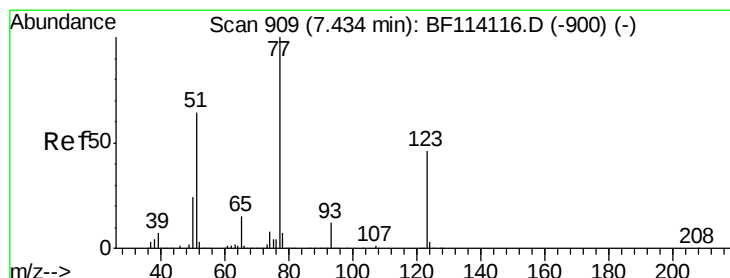
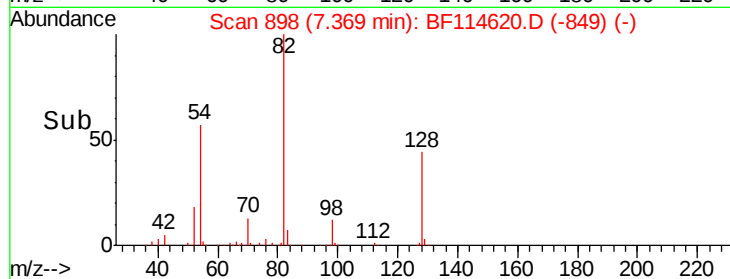
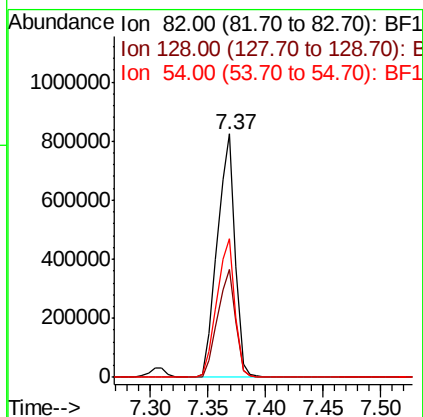
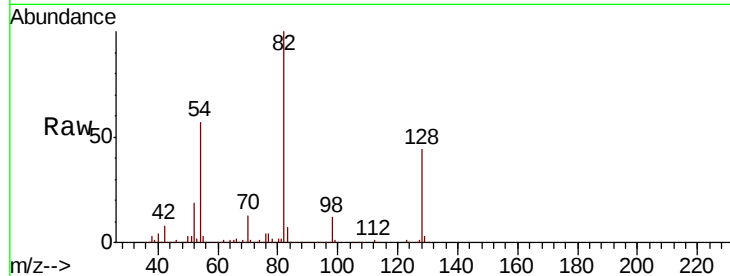




#23
Nitrobenzene-d5
Concen: 90.640 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

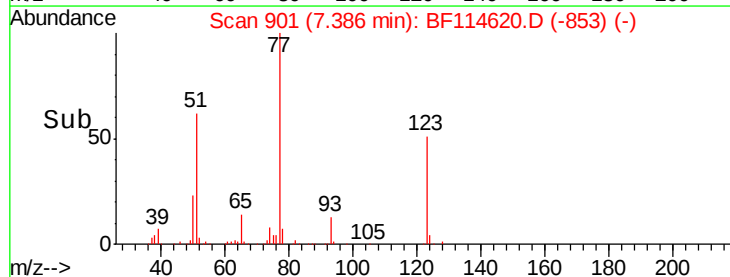
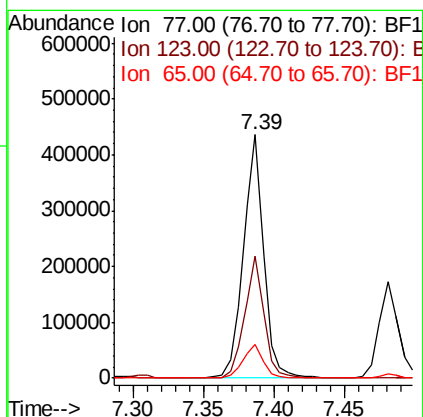
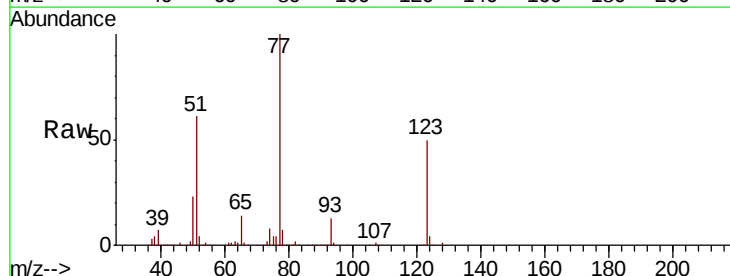
Instrument :
BNA_F
ClientSampleId :
PB120034BS

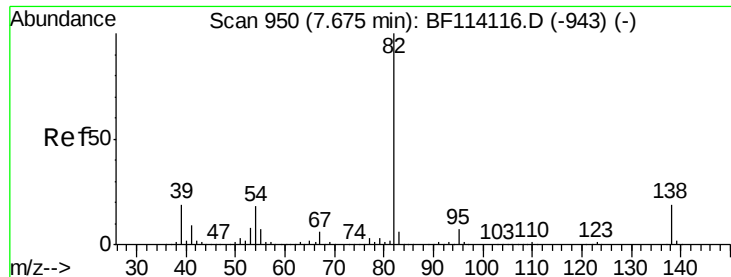
Tot Ion	82	Resp	882158
Ion Ratio	100		
Lower			
Upper			
128	44.2	35.5	53.3
54	57.2	48.5	72.7



#24
Nitrobenzene
Concen: 43.676 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	77	Resp	432947
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
123	50.2	36.9	55.3
65	13.9	11.8	17.6





#25

Isophorone

Concen: 42.795 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

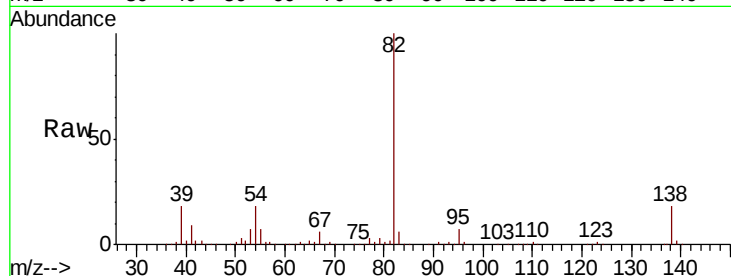
Tot Ion: 82 Resp: 772453

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

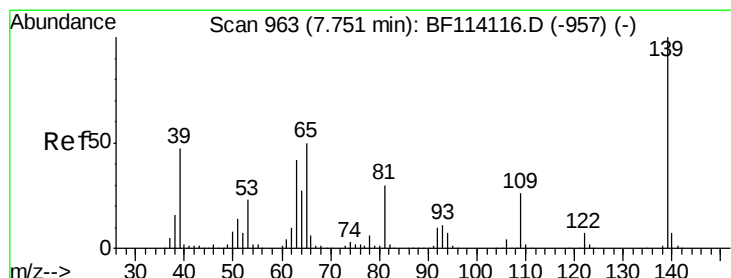
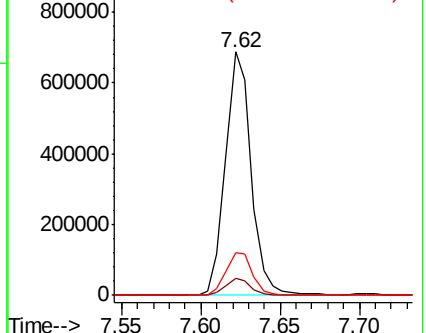
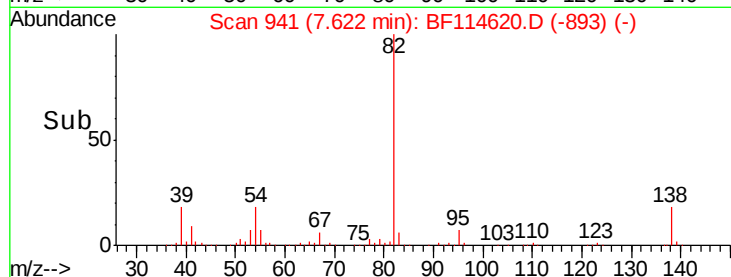
138 17.7 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.750 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

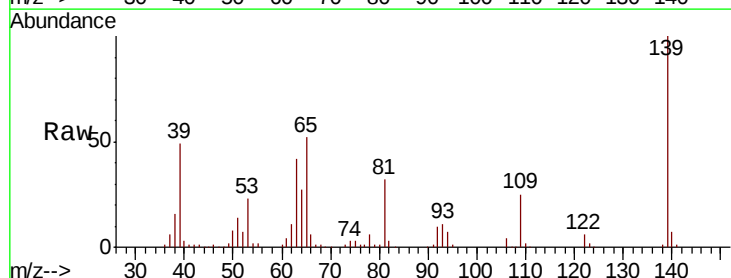
Tgt Ion: 139 Resp: 224833

Ion Ratio Lower Upper

139 100

109 25.2 20.7 31.1

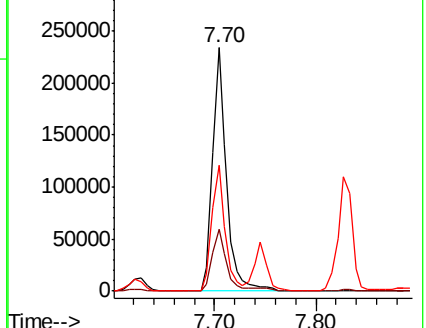
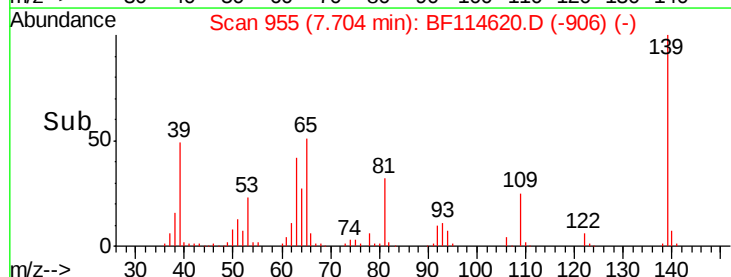
65 51.8 40.2 60.2

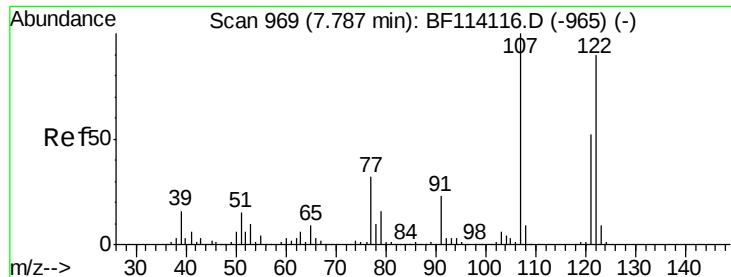


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

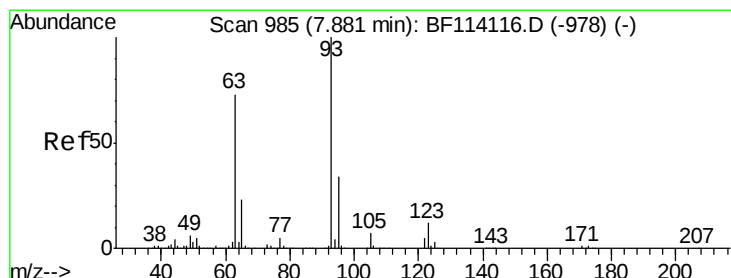
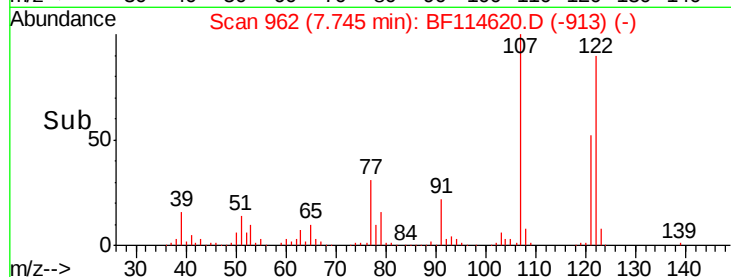
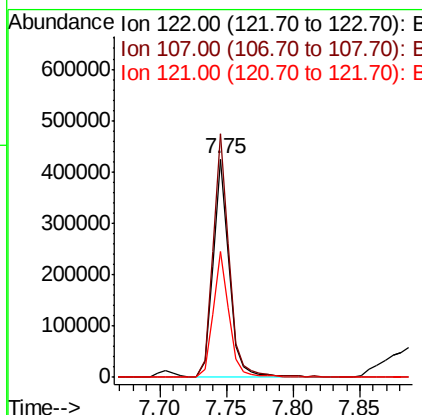
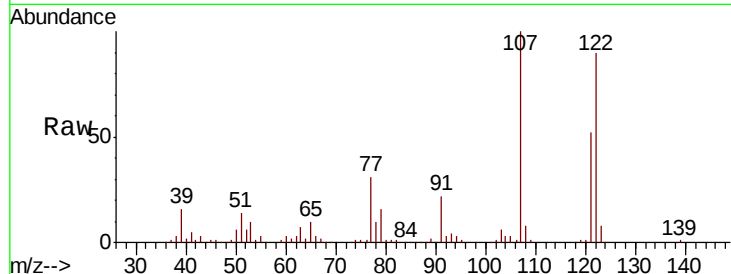




#27
2,4-Dimethylphenol
Concen: 47.726 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

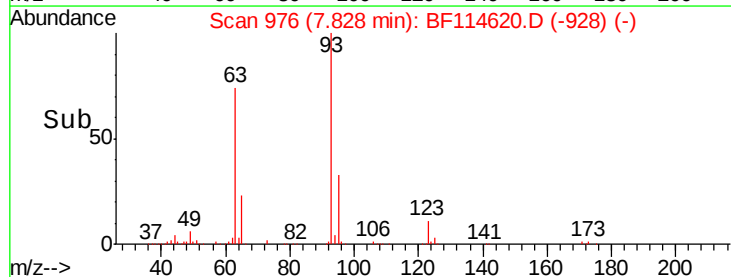
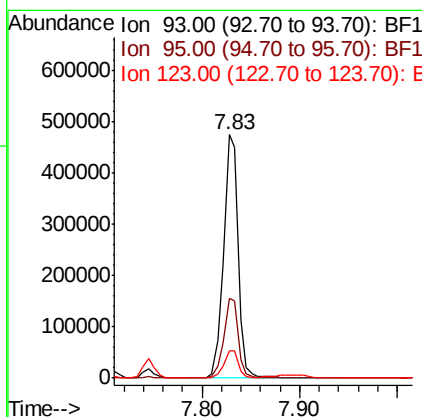
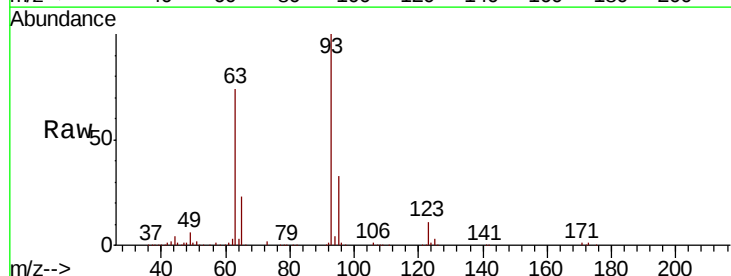
Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion	Ion	Ratio	Lower	Upper
122	100			
107	111.4	88.4	132.6	
121	57.6	45.9	68.9	



#28
bis(2-Chloroethoxy)methane
Concen: 41.864 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
95	32.9	26.8	40.2	
123	11.3	9.5	14.3	

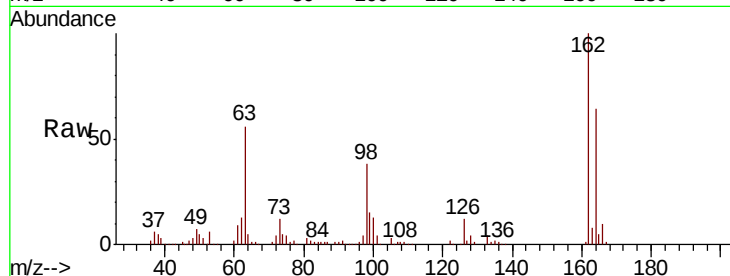




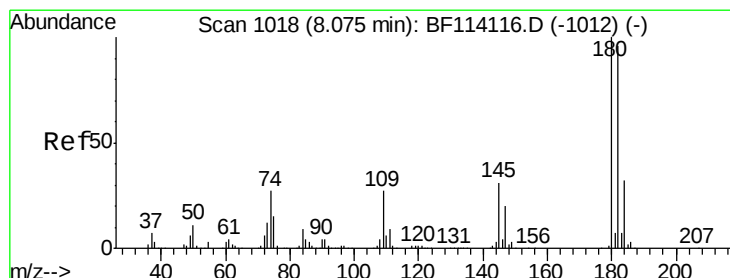
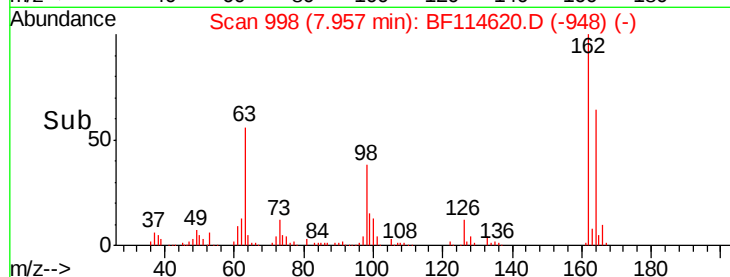
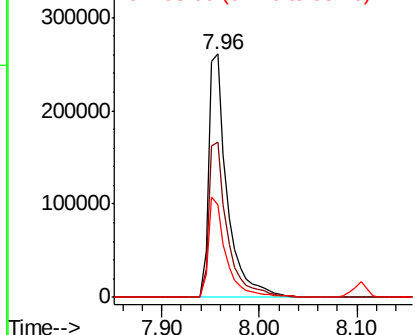
#29
 2,4-Dichlorophenol
 Concen: 45.153 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Instrument :
 BNA_F
 ClientSampleId :
 PB120034BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.6	83.6
98	37.8	20.6	60.6

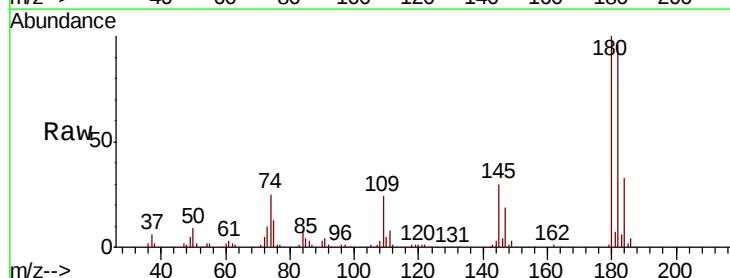


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

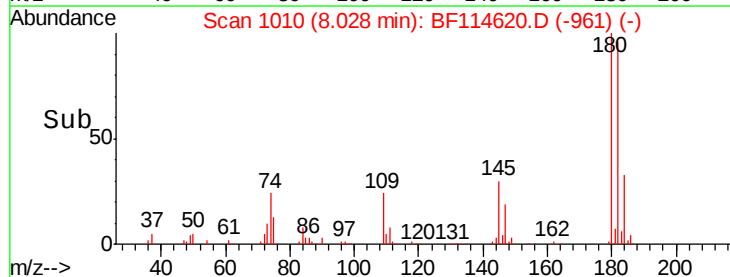
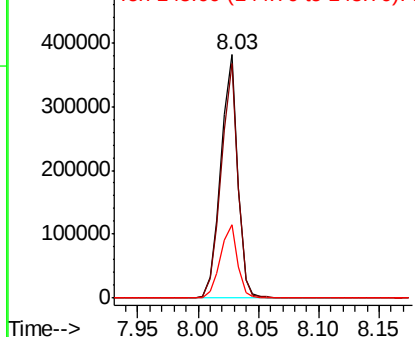


#30
 1,2,4-Trichlorobenzene
 Concen: 42.852 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.6	114.8
145	30.2	25.1	37.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

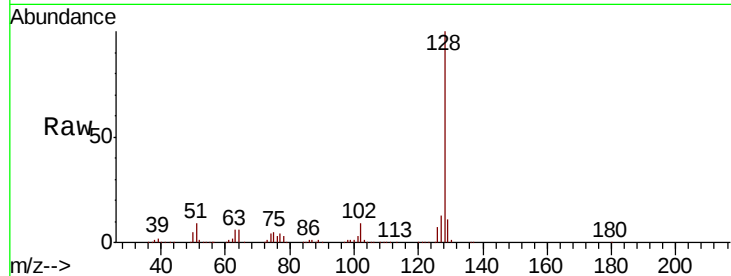




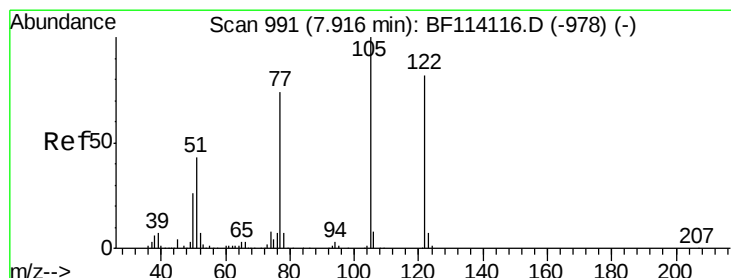
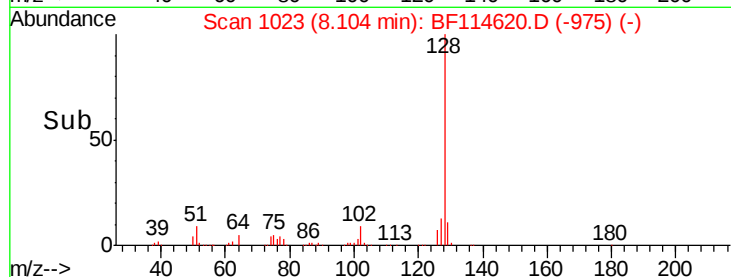
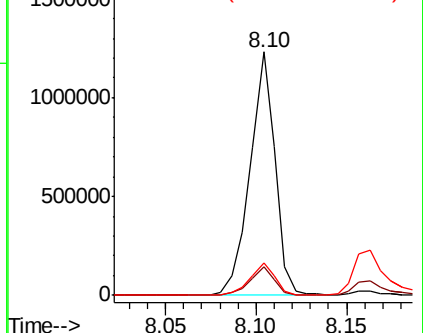
#31
Naphthalene
Concen: 46.478 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion:128 Resp: 1185804
Ion Ratio Lower Upper
128 100
129 11.5 9.6 14.4
127 13.1 11.3 16.9

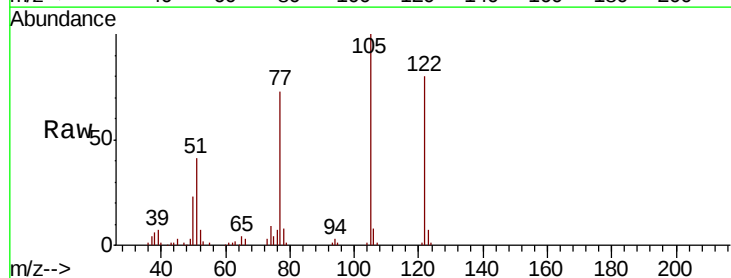


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

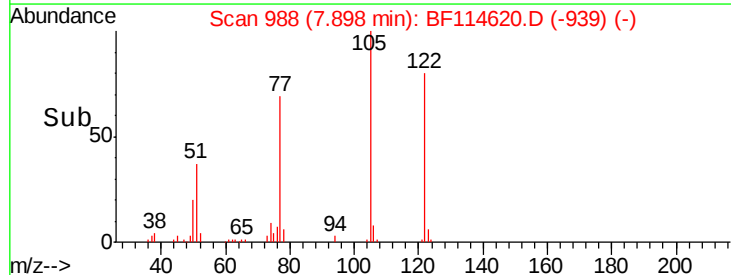
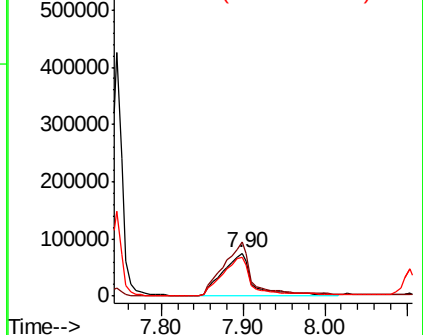


#32
Benzoic acid
Concen: 37.065 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion:122 Resp: 189538
Ion Ratio Lower Upper
122 100
105 125.2 99.9 139.9
77 91.6 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

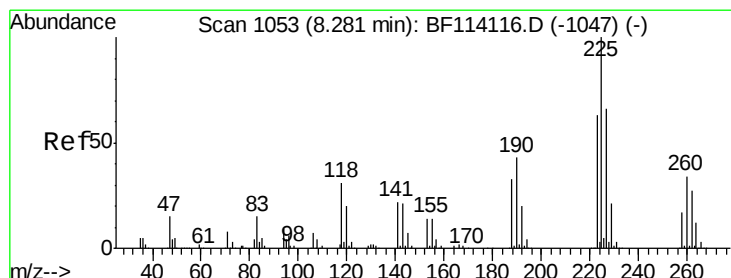
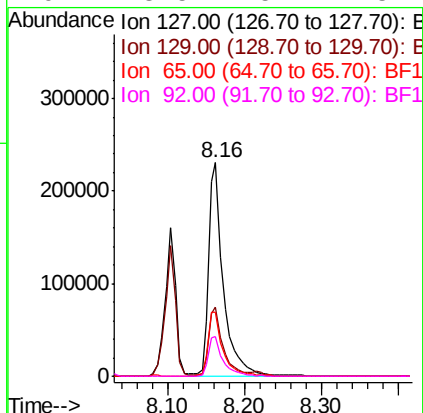
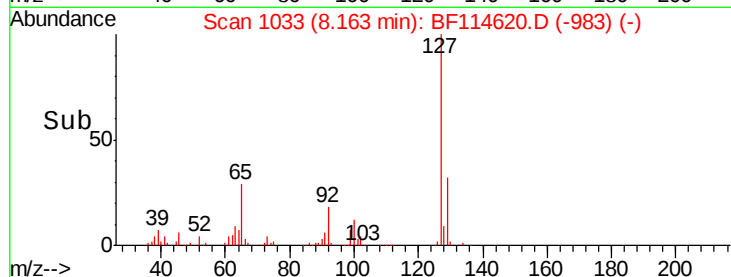
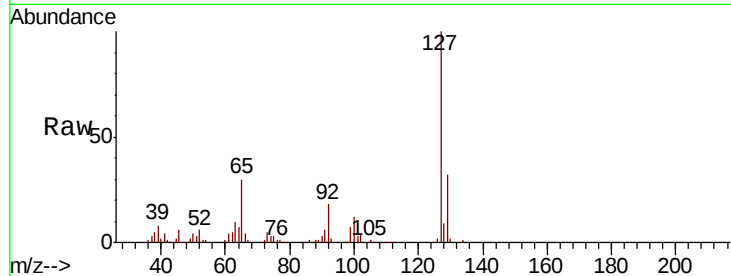




#33
4-Chloroaniline
Concen: 26.062 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

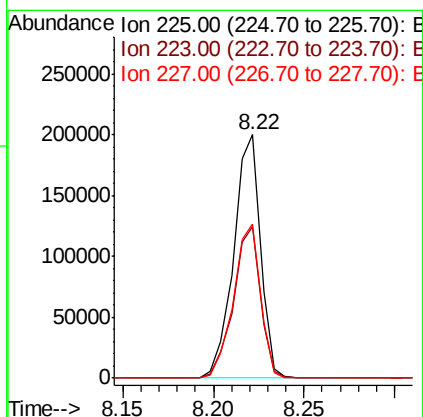
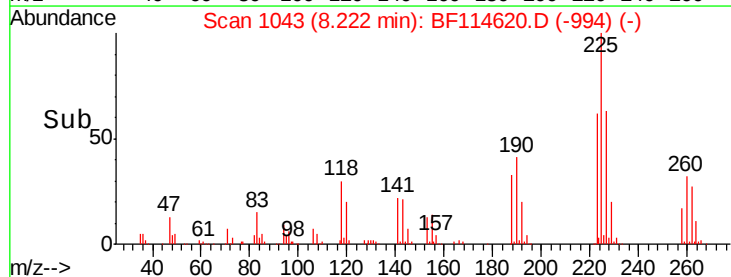
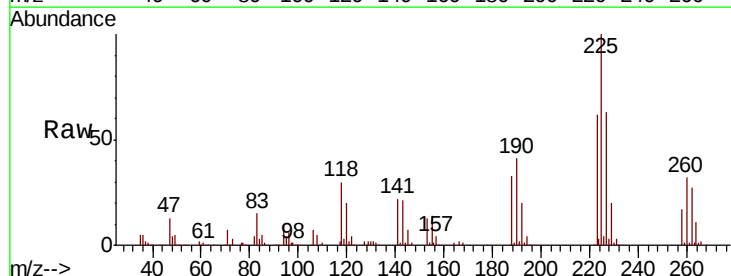
Instrument :
BNA_F
ClientSampleId :
PB120034BS

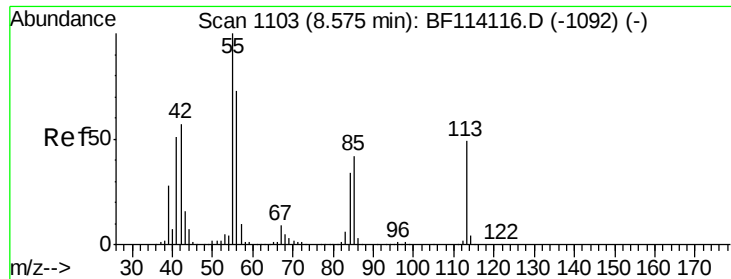
Tot Ion:	127	Resp:	303004
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.7	40.1
65	29.7	25.4	38.0
92	18.5	15.4	23.2



#34
Hexachlorobutadiene
Concen: 42.235 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion:	225	Resp:	205530
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.2	75.2
227	63.3	52.6	79.0

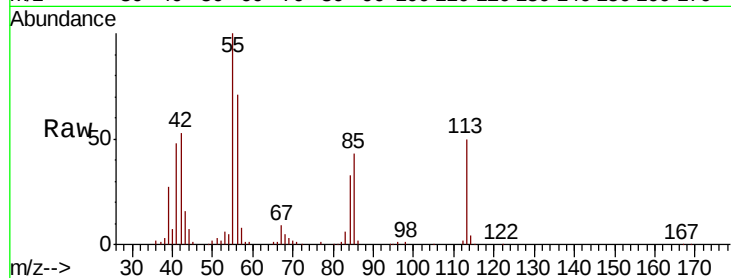




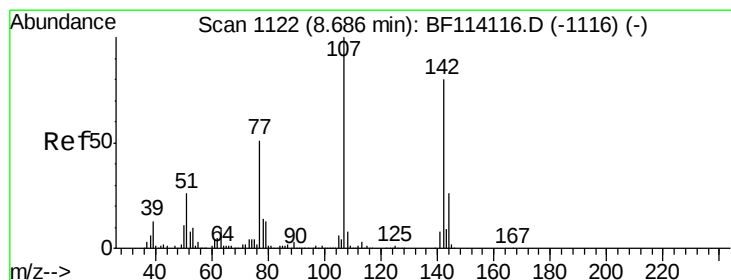
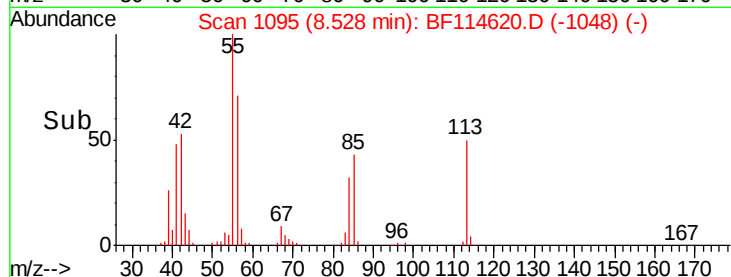
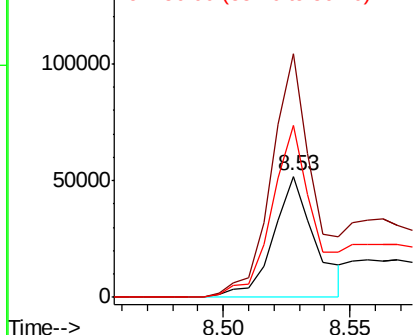
#35
 Caprolactam
 Concen: 24.287 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Instrument :
 BNA_F
 ClientSampleId :
 PB120034BS

Tot Ion:113 Resp: 59565
 Ion Ratio Lower Upper
 113 100
 55 200.6 183.5 223.5
 56 142.0 128.8 168.8

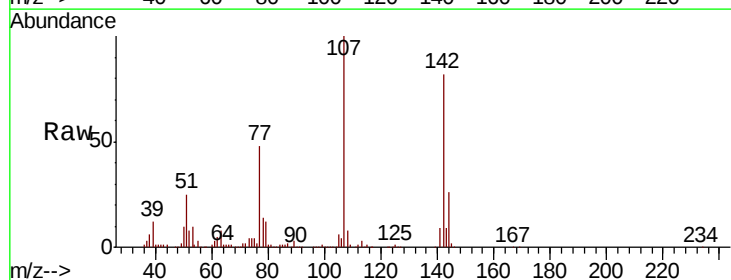


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

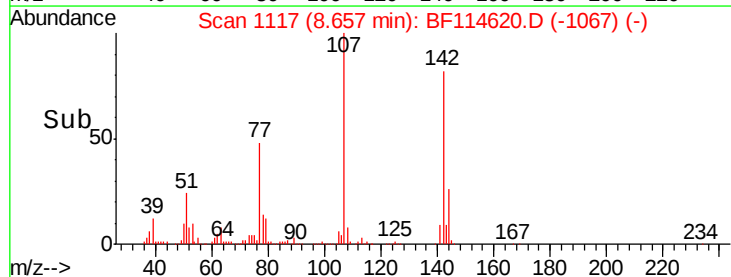
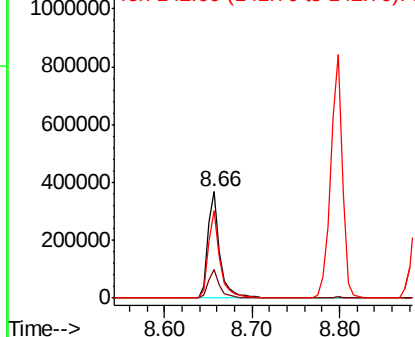


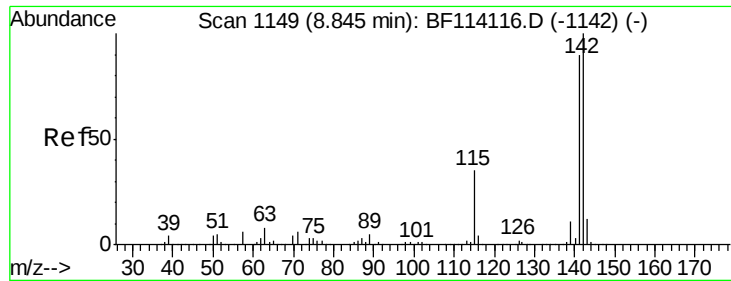
#36
 4-Chloro-3-methylphenol
 Concen: 46.396 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Tgt Ion:107 Resp: 351257
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.4 30.6
 142 81.9 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

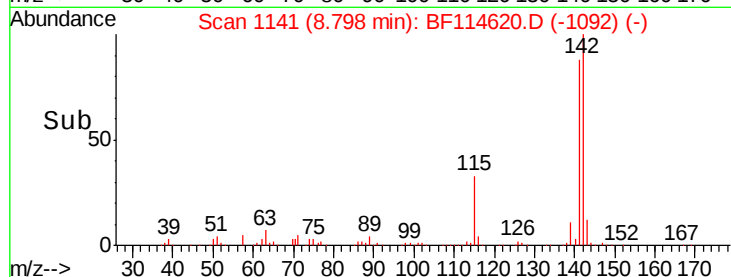
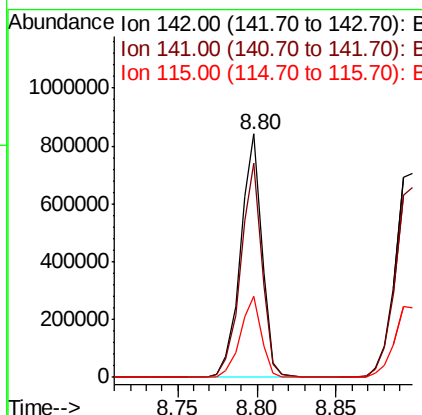
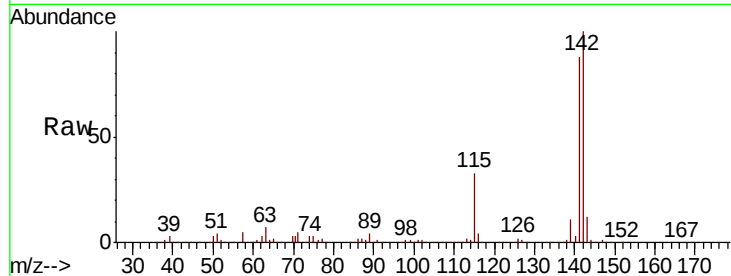




#37
2-Methylnaphthalene
Concen: 47.625 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

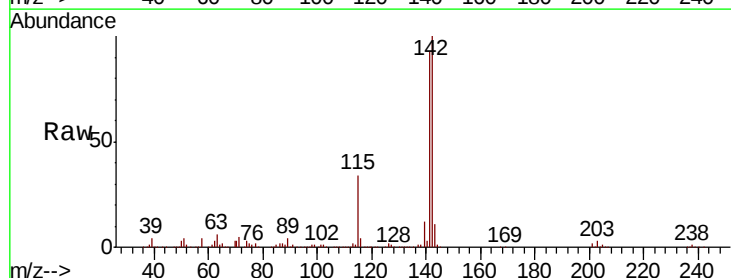
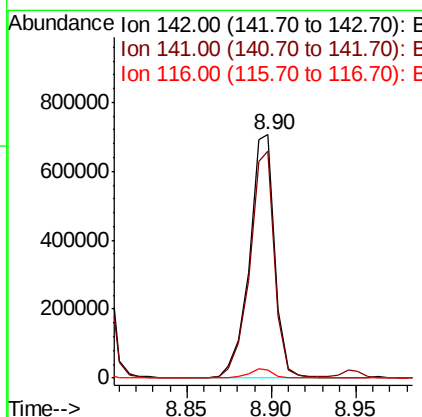
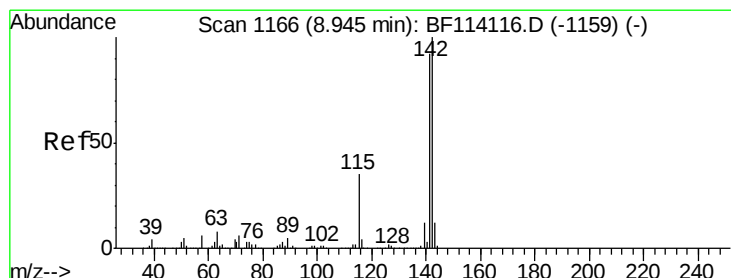
Instrument :
BNA_F
ClientSampleId :
PB120034BS

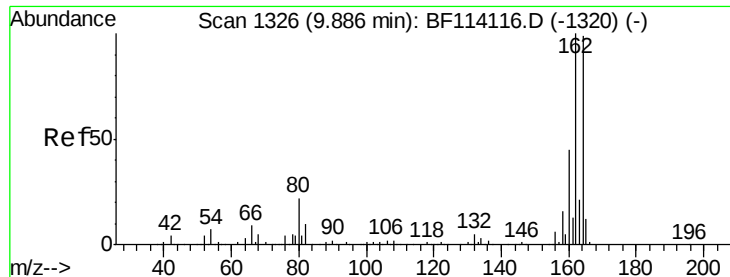
Tot Ion:142 Resp: 783961
Ion Ratio Lower Upper
142 100
141 87.8 72.1 108.1
115 33.2 28.0 42.0



#38
1-Methylnaphthalene
Concen: 47.379 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion:142 Resp: 734467
Ion Ratio Lower Upper
142 100
141 93.1 73.4 110.0
116 3.5 3.1 4.7

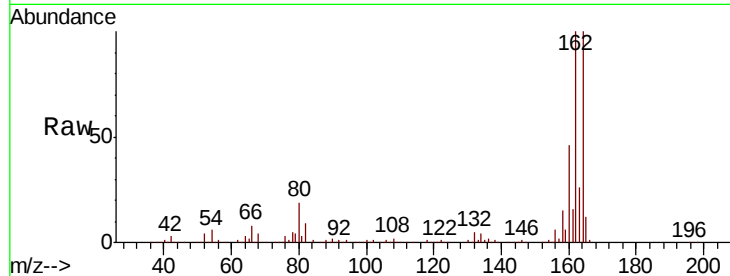




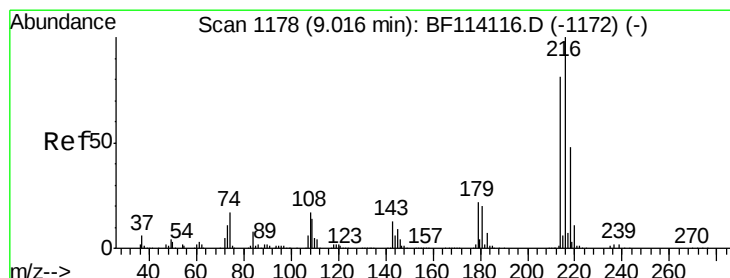
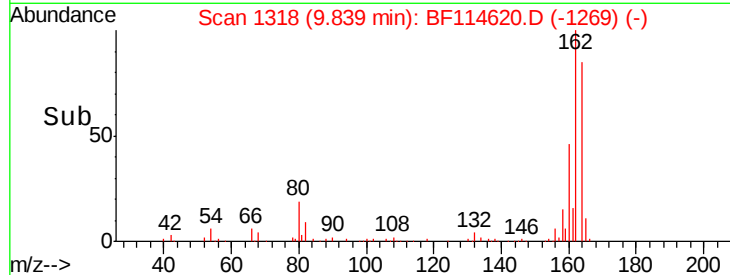
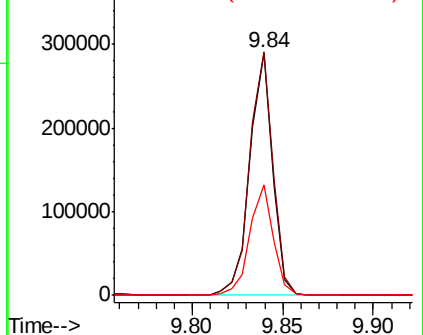
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion:164	Resp:	254022
Ion Ratio	Lower	Upper
164	100	
162	100.4	80.6 120.8
160	45.7	36.5 54.7

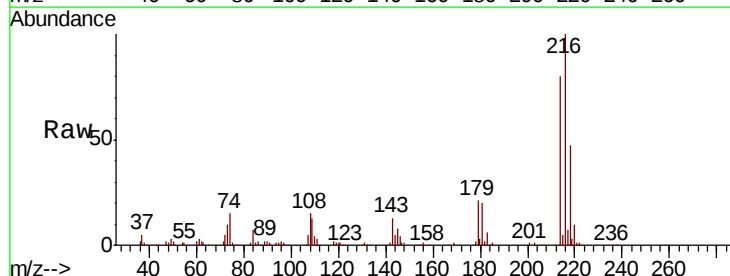


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

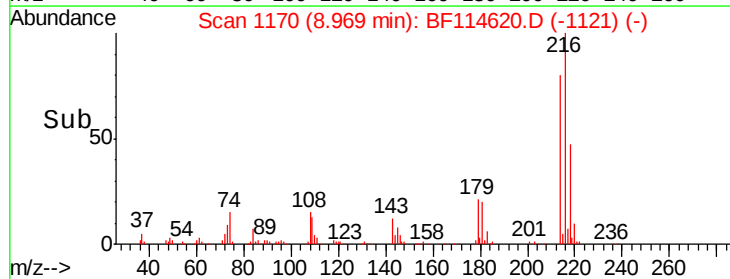
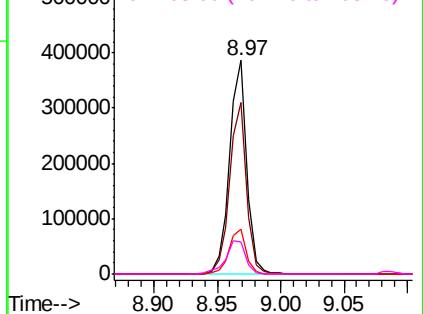


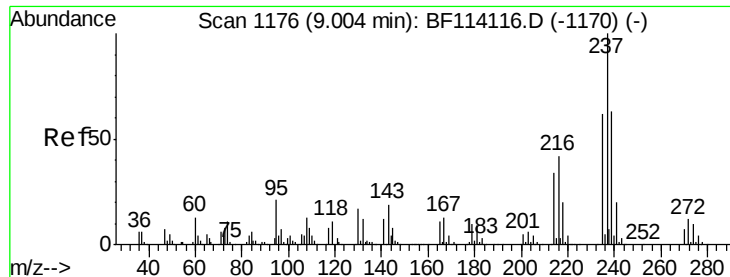
#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.619 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion:216	Resp:	358724
Ion Ratio	Lower	Upper
216	100	
214	79.1	63.9 95.9
179	20.9	17.0 25.6
108	18.5	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

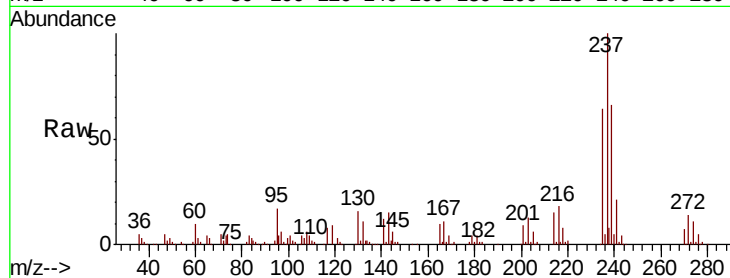




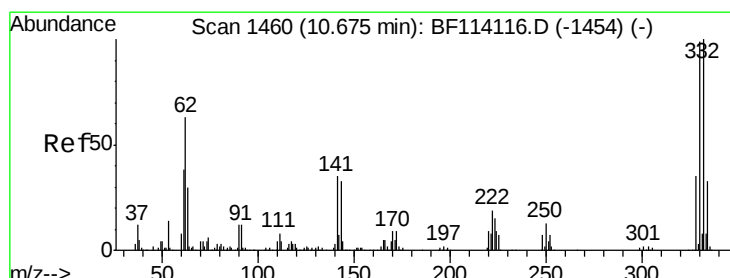
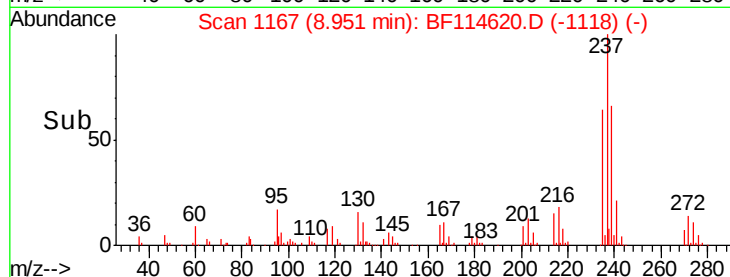
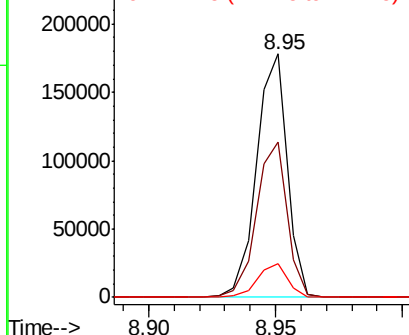
#41
Hexachlorocyclopentadiene
Concen: 44.200 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion:237 Resp: 151120
Ion Ratio Lower Upper
237 100
235 63.7 42.0 82.0
272 13.6 0.0 32.4

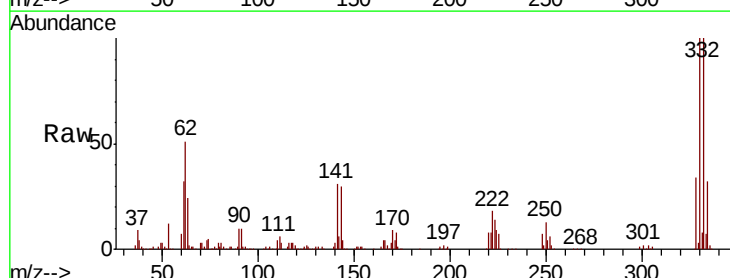


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

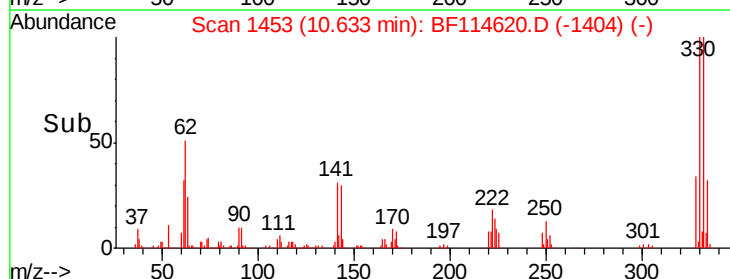
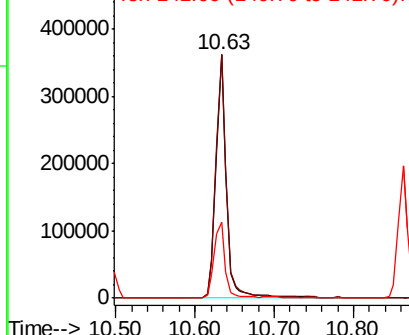


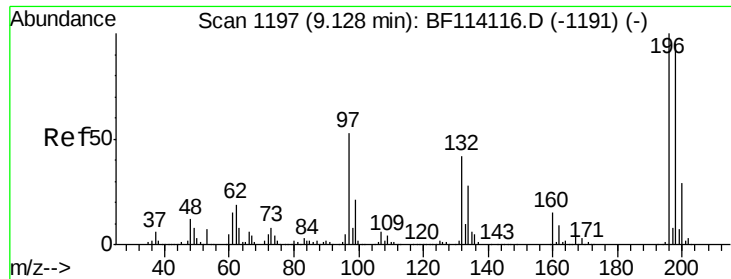
#42
2,4,6-Tribromophenol
Concen: 128.610 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion:330 Resp: 337751
Ion Ratio Lower Upper
330 100
332 100.4 81.4 122.2
141 32.8 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

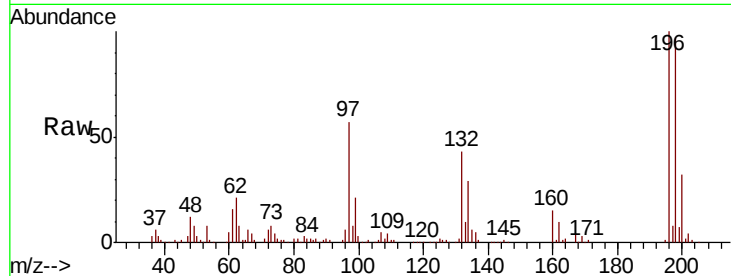




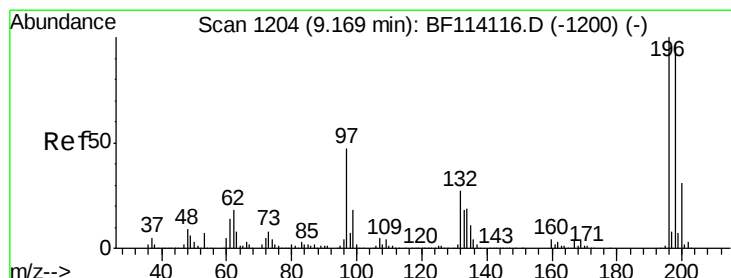
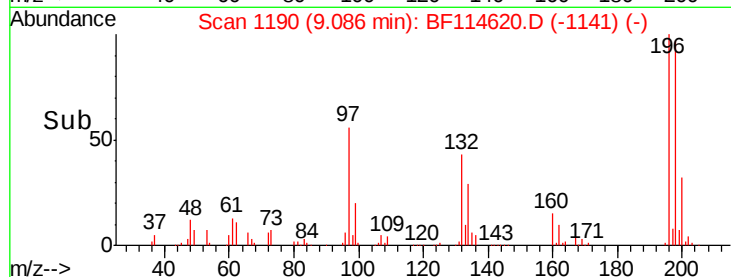
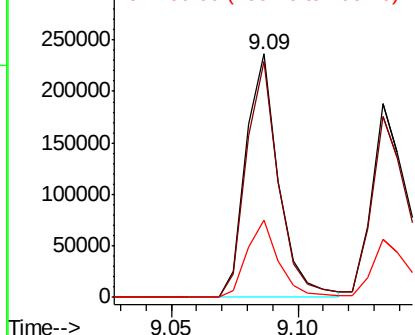
#43
 2,4,6-Trichlorophenol
 Concen: 40.335 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Instrument :
 BNA_F
 ClientSampleId :
 PB120034BS

Tot Ion:196 Resp: 213484
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.9 113.9
 200 31.6 23.5 35.3



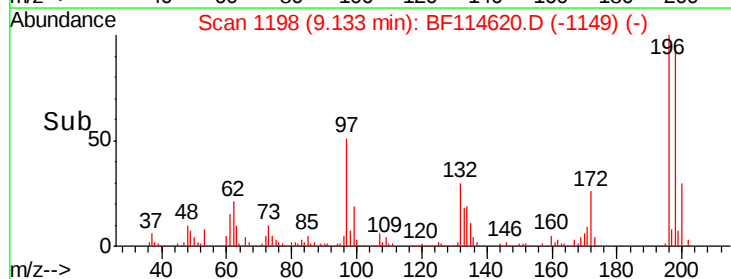
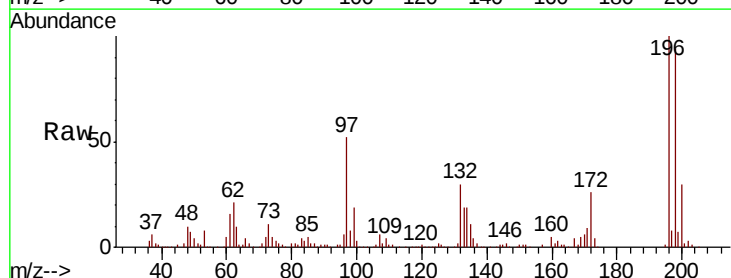
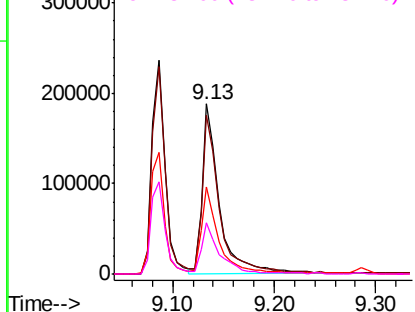
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

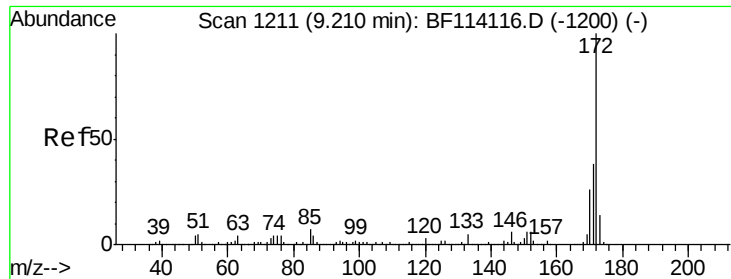


#44
 2,4,5-Trichlorophenol
 Concen: 40.304 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Tgt Ion:196 Resp: 218768
 Ion Ratio Lower Upper
 196 100
 198 93.6 77.7 116.5
 97 51.5 38.2 57.2
 132 30.4 21.4 32.2

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

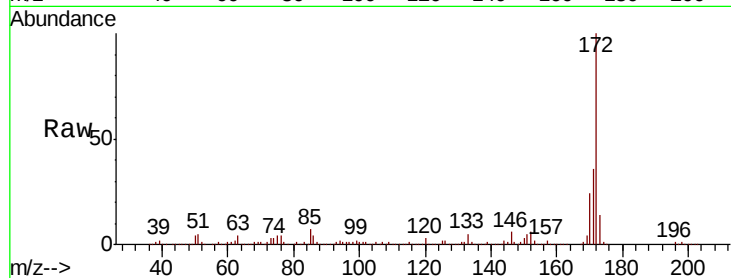




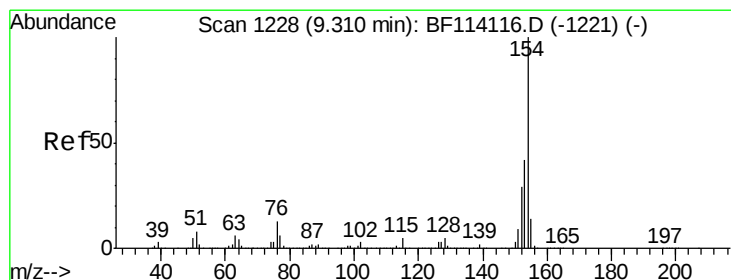
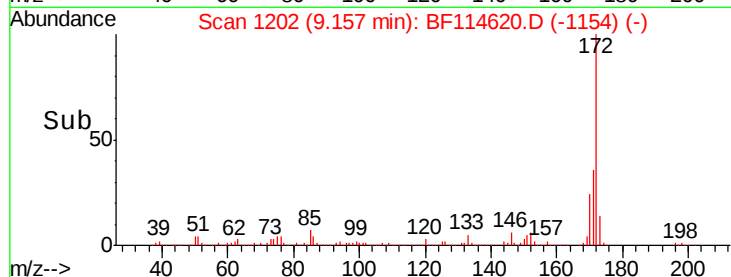
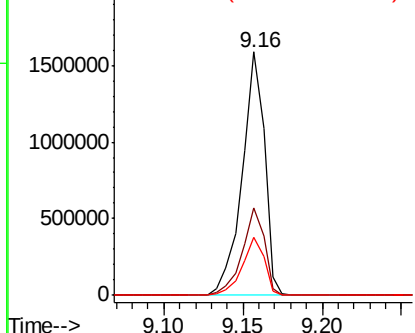
#45
 2-Fluorobiphenyl
 Concen: 92.557 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Instrument :
 BNA_F
 ClientSampleId :
 PB120034BS

Tot Ion:172 Resp: 1554310
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.7 46.1
 170 24.1 20.5 30.7

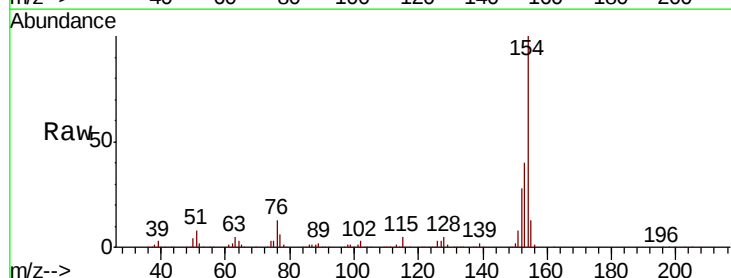


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

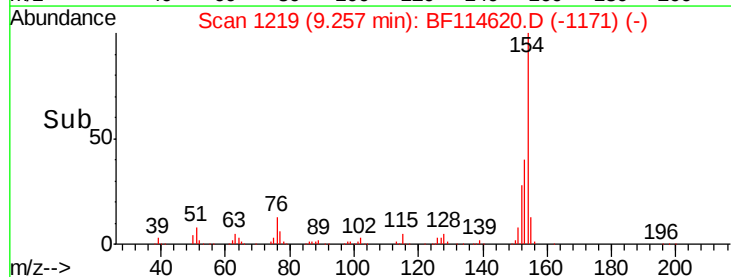
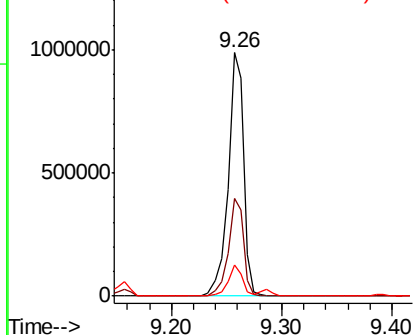


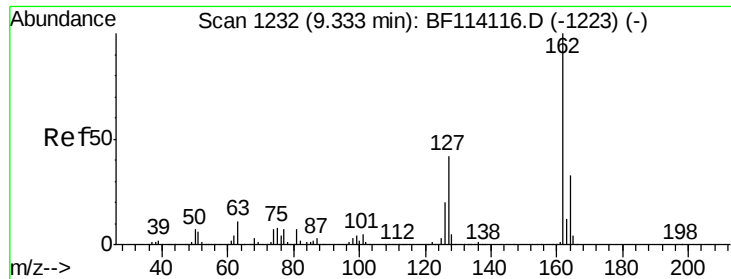
#46
 1,1'-Biphenyl
 Concen: 47.002 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.02 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Tgt Ion:154 Resp: 964556
 Ion Ratio Lower Upper
 154 100
 153 40.2 21.9 61.9
 76 12.6 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

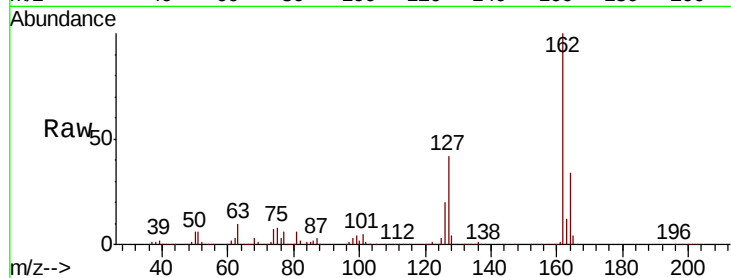




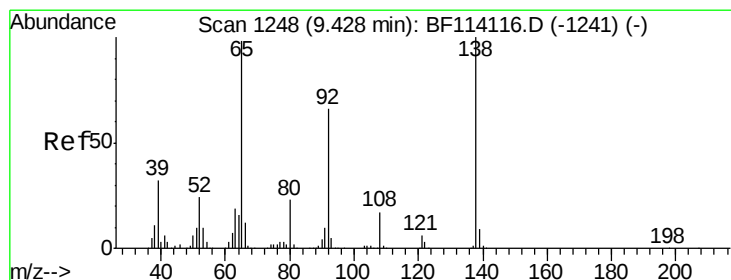
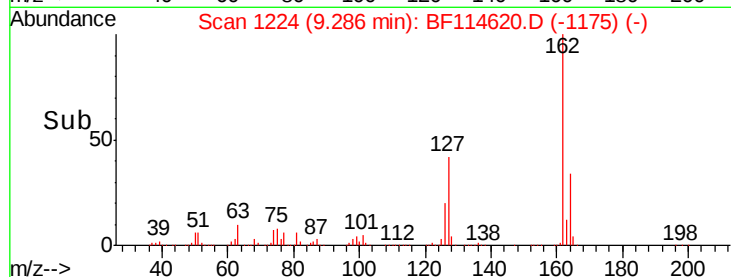
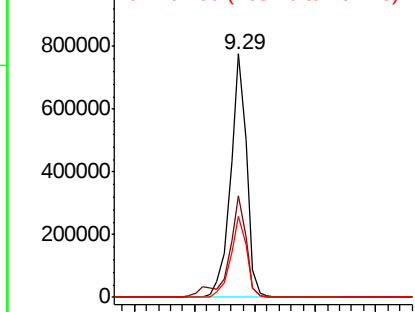
#47
 2-Chloronaphthalene
 Concen: 43.375 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Instrument :
 BNA_F
 ClientSampleId :
 PB120034BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	34.0	51.0
164	33.5	26.7	40.1

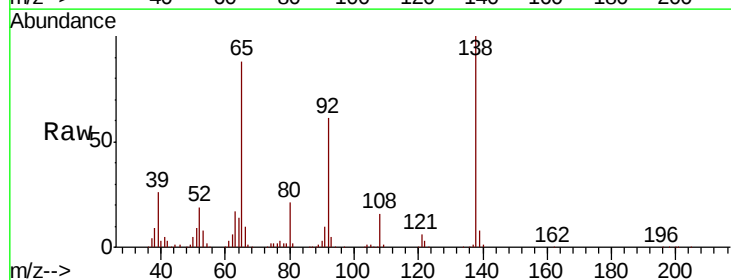


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

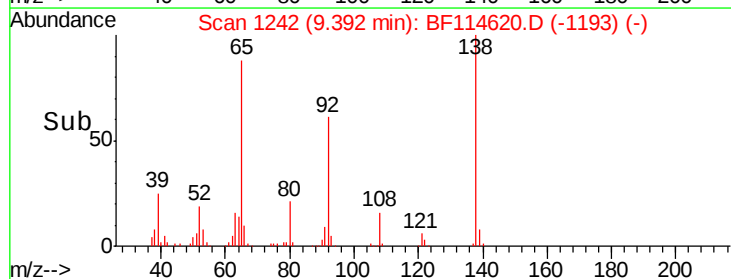
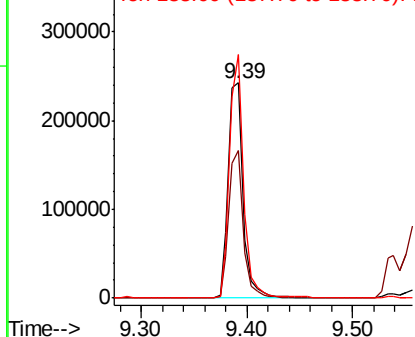


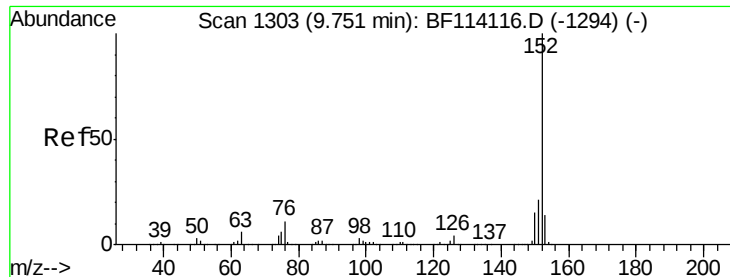
#48
 2-Nitroaniline
 Concen: 40.516 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	53.9	80.9
138	113.3	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: 45.142 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

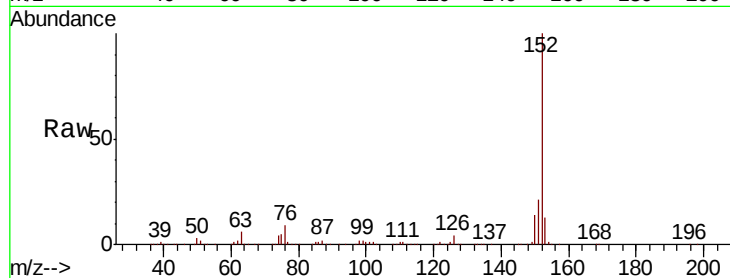
Tot Ion:152 Resp: 1133920

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

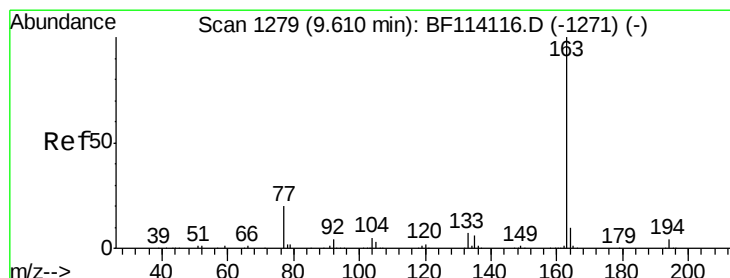
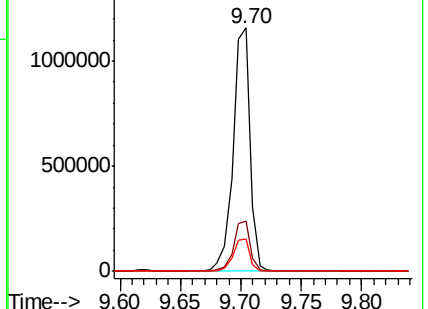
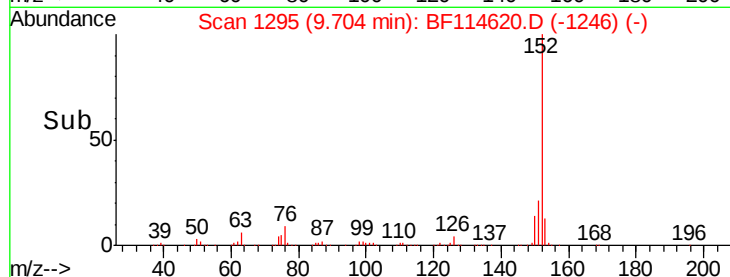
153 13.2 11.4 17.2



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: 42.687 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

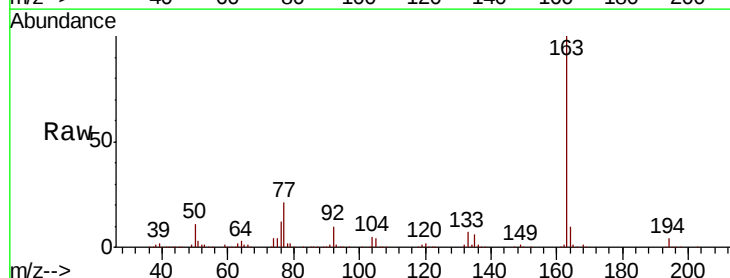
Tgt Ion:163 Resp: 796013

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

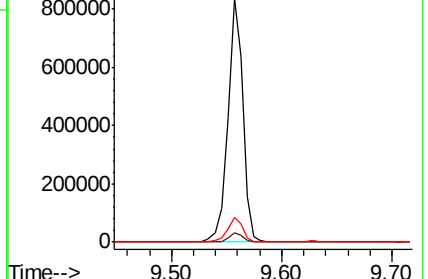
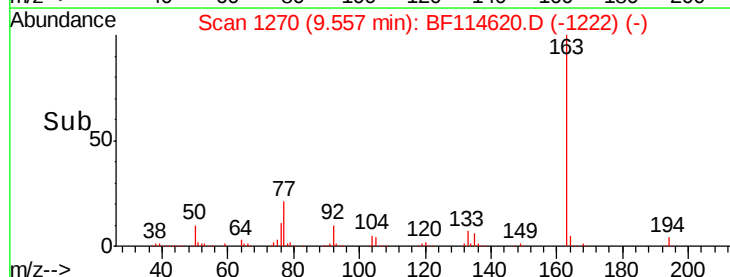
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.242 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

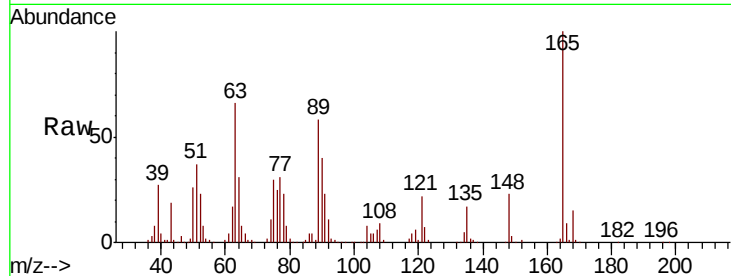
Tot Ion:165 Resp: 178851

Ion Ratio Lower Upper

165 100

63 66.3 50.2 75.4

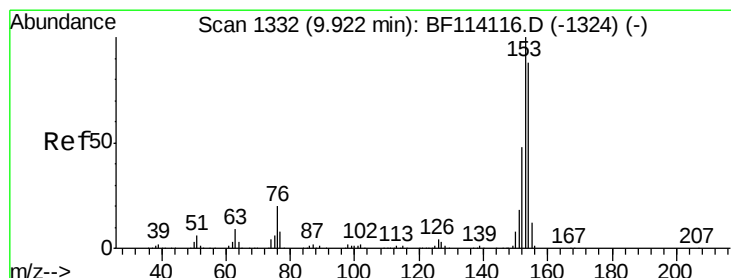
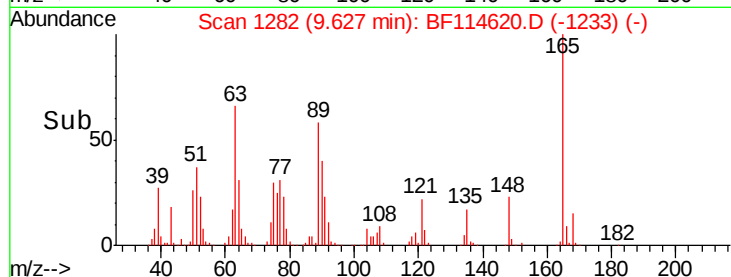
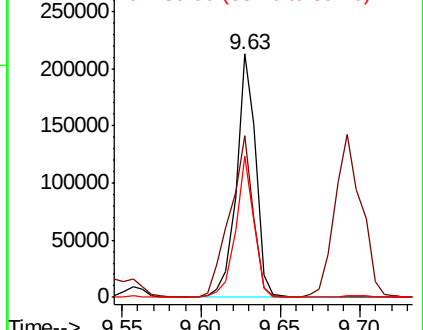
89 57.9 46.6 69.8



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: 43.069 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

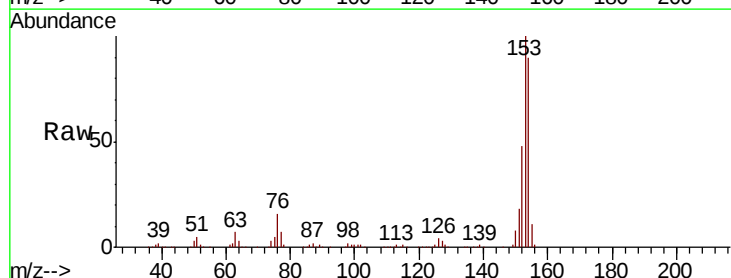
Tgt Ion:154 Resp: 663872

Ion Ratio Lower Upper

154 100

153 111.1 90.5 135.7

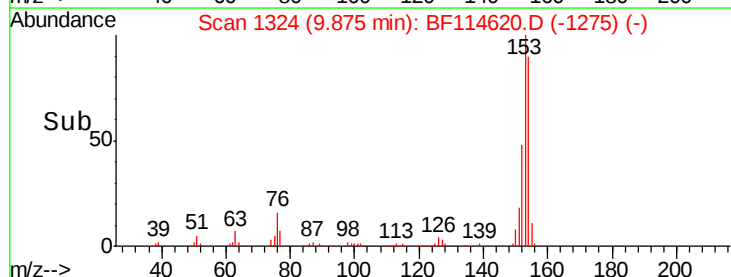
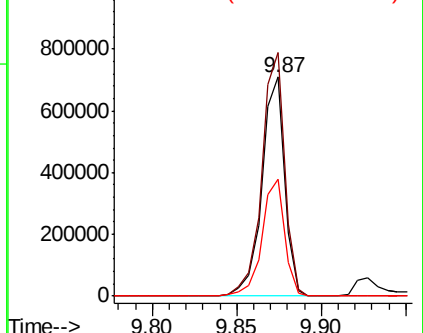
152 53.4 43.4 65.2

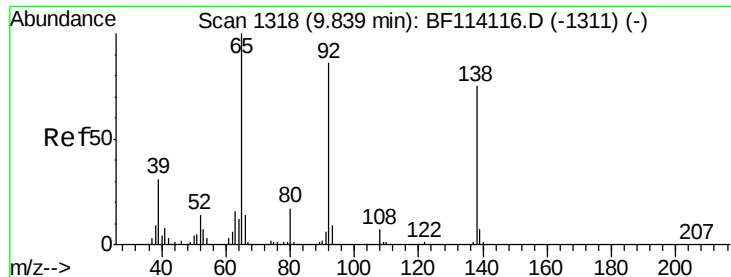


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

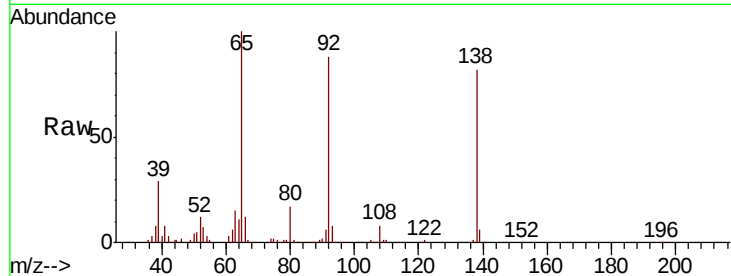




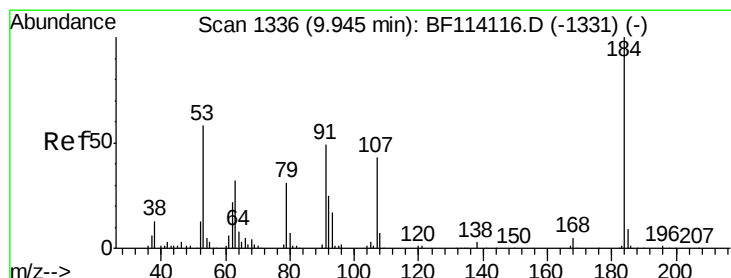
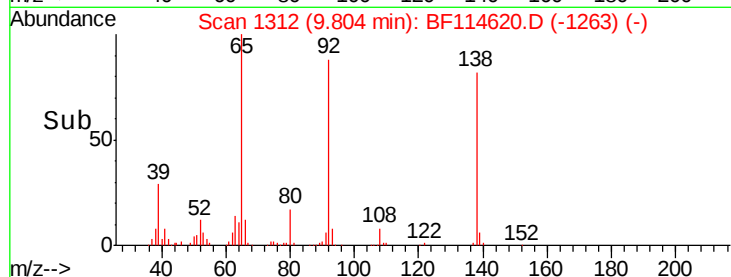
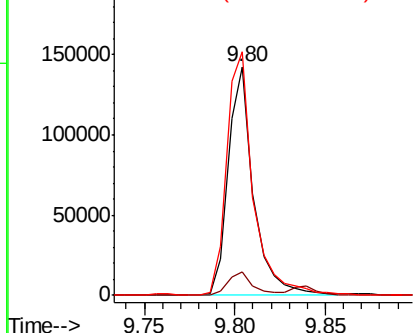
#53
3-Nitroaniline
Concen: 27.008 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion:138 Resp: 138664
Ion Ratio Lower Upper
138 100
108 10.1 7.8 11.6
92 106.7 91.2 136.8

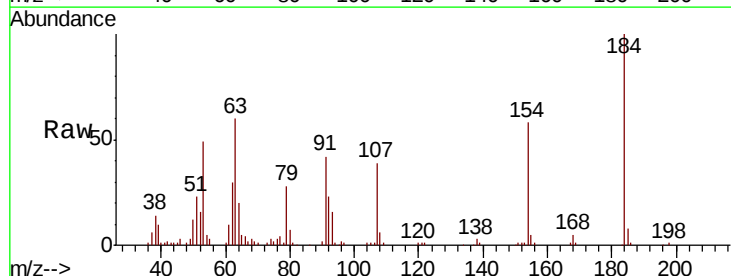


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

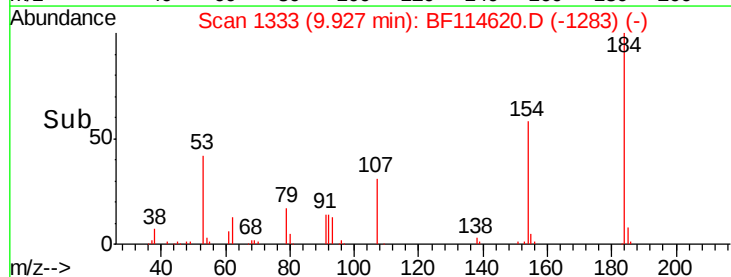
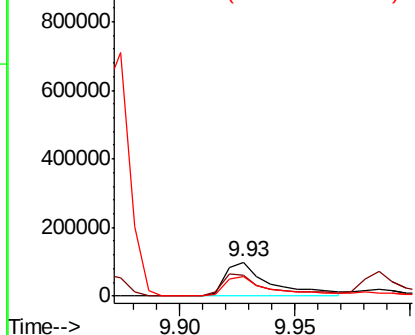


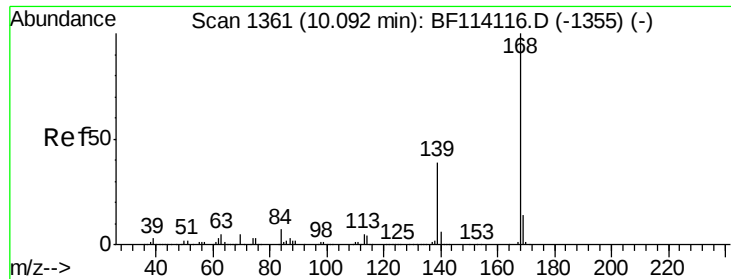
#54
2,4-Dinitrophenol
Concen: 65.649 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion:184 Resp: 133785
Ion Ratio Lower Upper
184 100
63 60.3 55.6 83.4
154 58.0 46.0 69.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

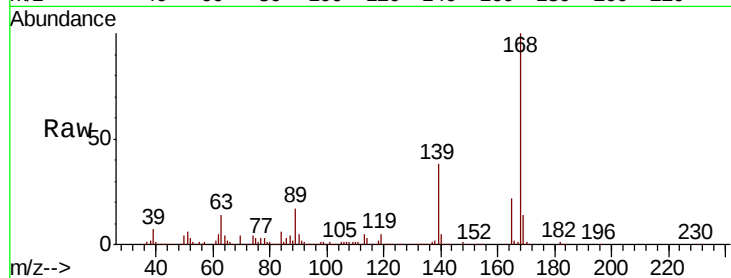




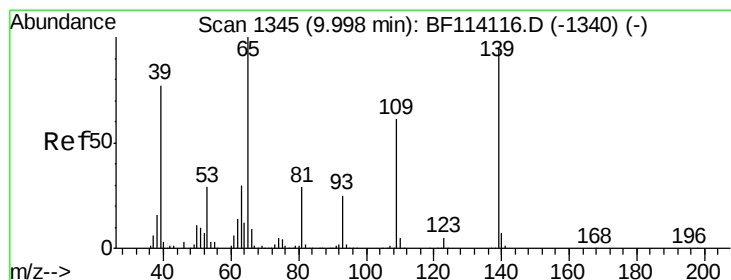
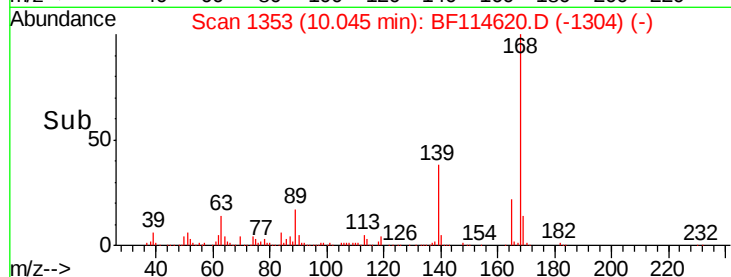
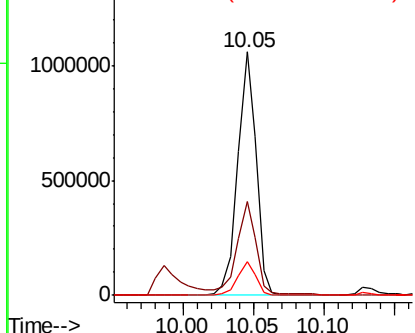
#55
Dibenzofuran
Concen: 42.474 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion:168 Resp: 960025
Ion Ratio Lower Upper
168 100
139 38.4 31.1 46.7
169 14.0 11.4 17.0

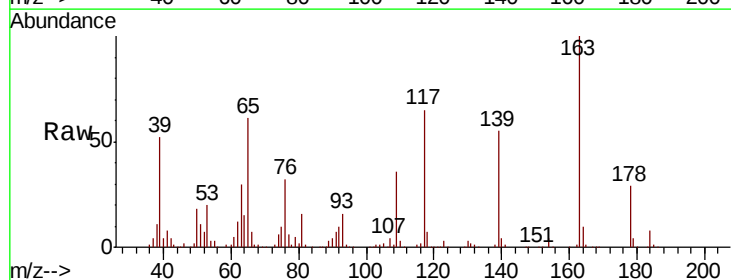


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

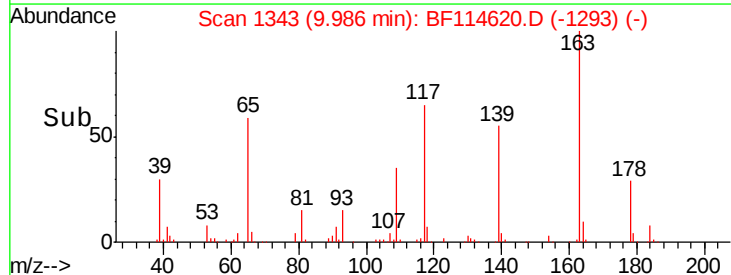
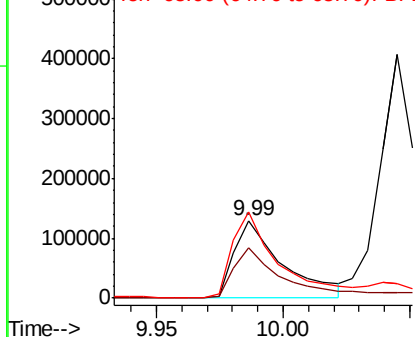


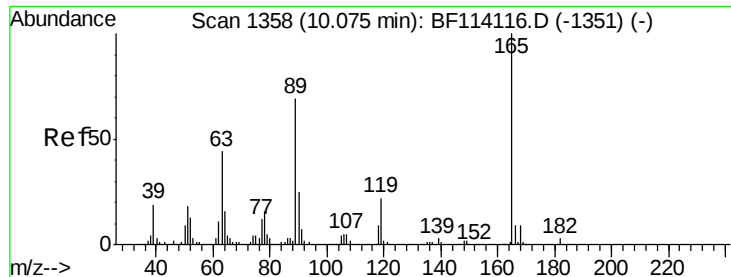
#56
4-Nitrophenol
Concen: 47.207 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion:139 Resp: 171404
Ion Ratio Lower Upper
139 100
109 65.2 43.9 83.9
65 111.3 85.7 125.7



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





#57

2,4-Dinitrotoluene

Concen: 39.481 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

Tot Ion:165 Resp: 221641

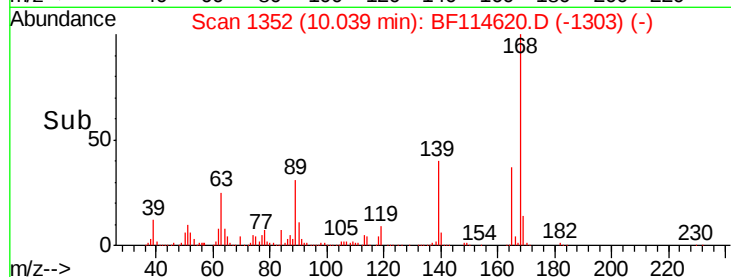
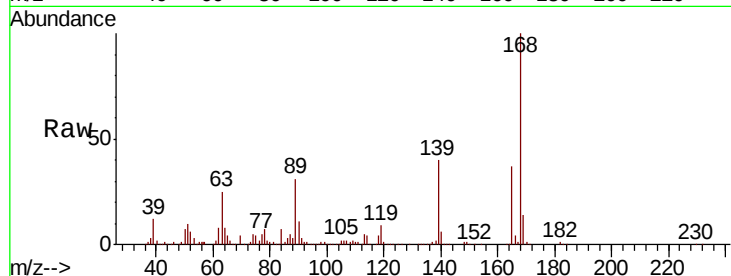
Ion Ratio Lower Upper

165 100

63 67.5 35.5 53.3#

89 84.0 55.2 82.8#

182 2.6 2.2 3.2

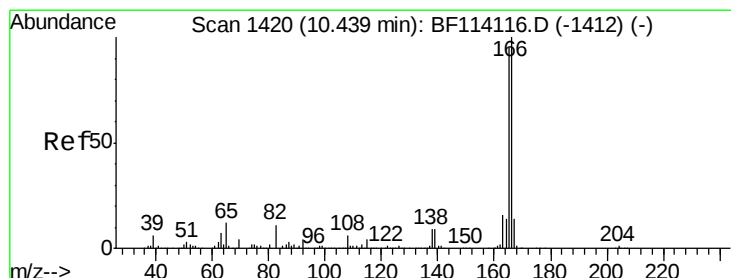
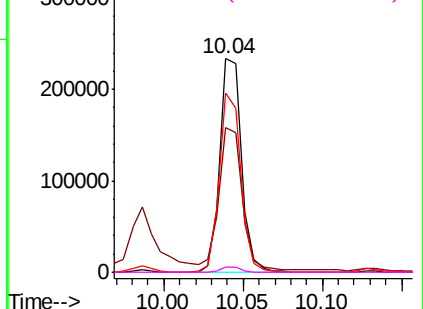


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.002 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

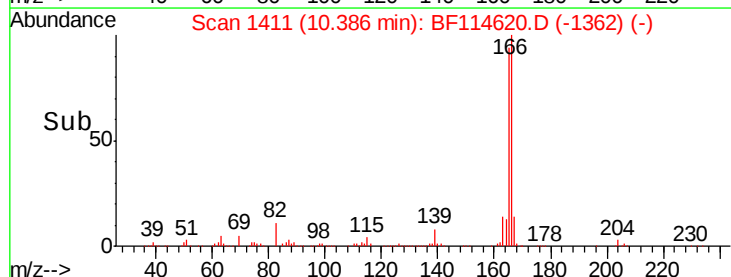
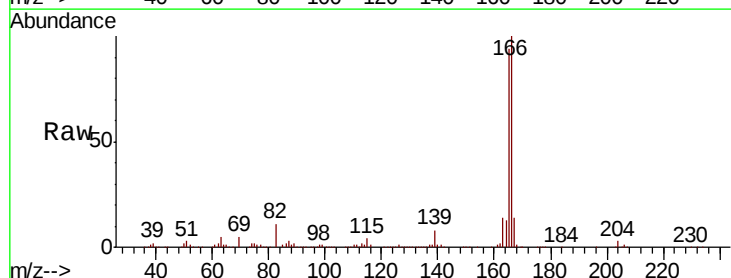
Tgt Ion:166 Resp: 785676

Ion Ratio Lower Upper

166 100

165 93.8 76.1 114.1

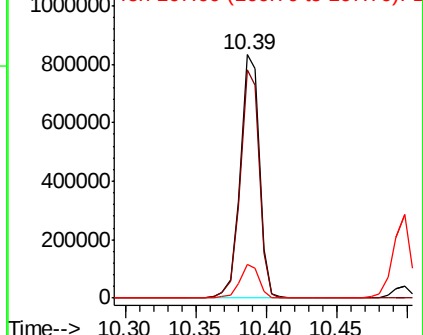
167 13.9 11.1 16.7

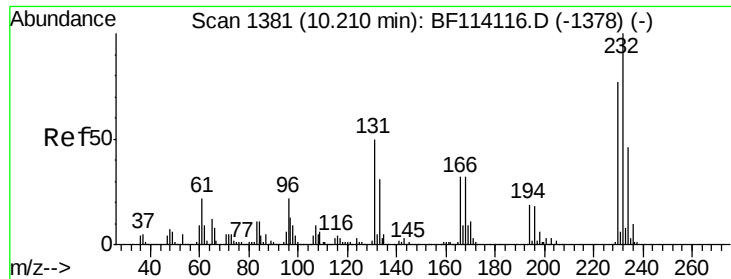


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

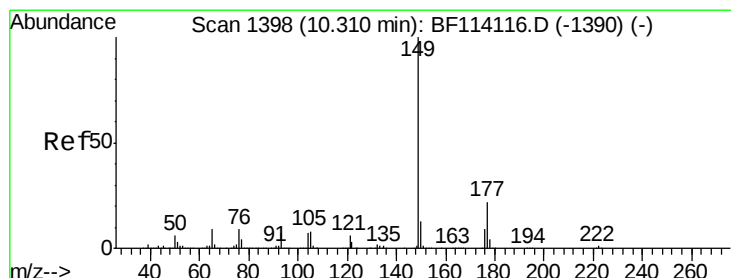
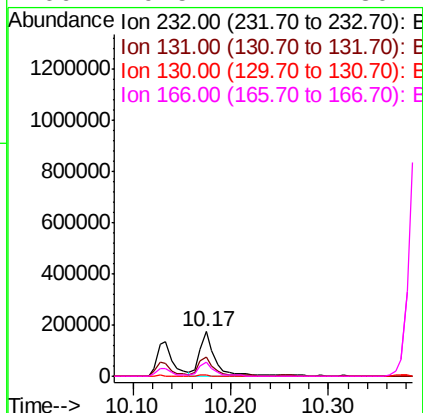
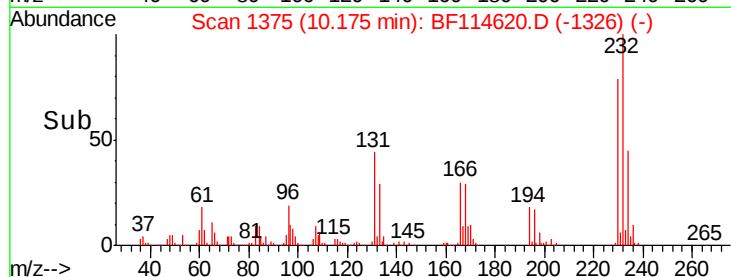
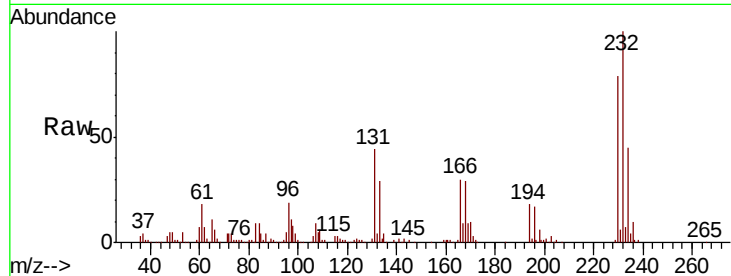




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.132 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

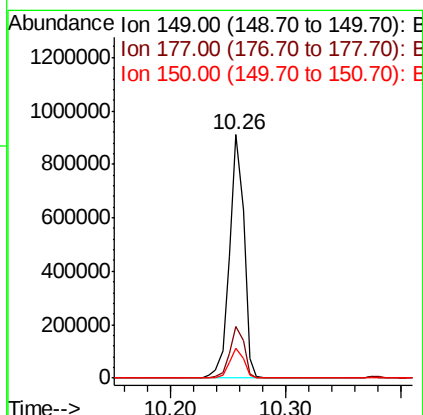
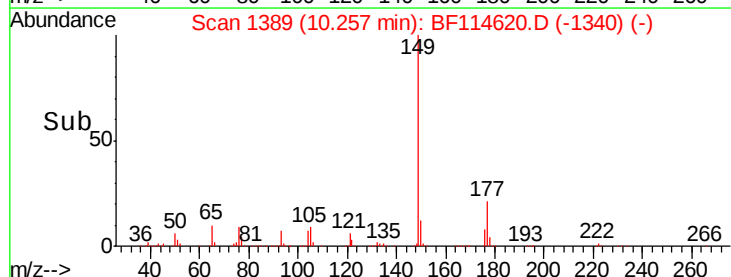
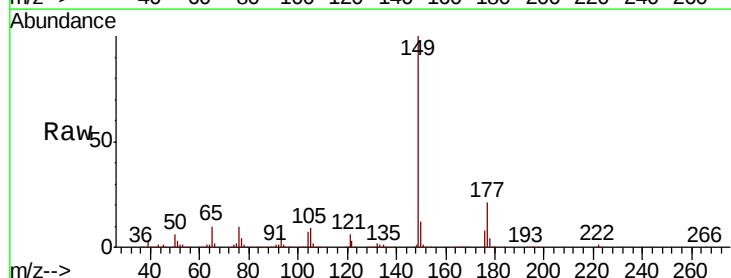
Instrument :
BNA_F
ClientSampleId :
PB120034BS

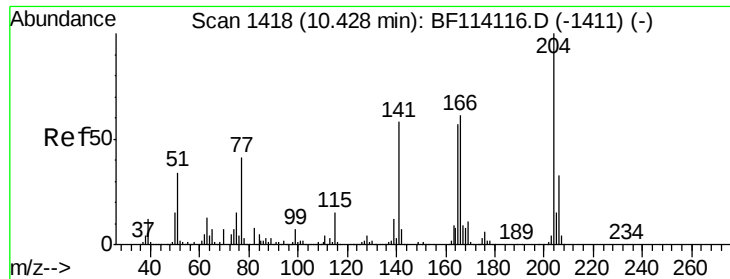
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.6	35.6	53.4
130	2.2	1.6	2.4
166	29.5	24.1	36.1



#60
Diethylphthalate
Concen: 41.631 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.8	26.6
150	12.4	10.2	15.2

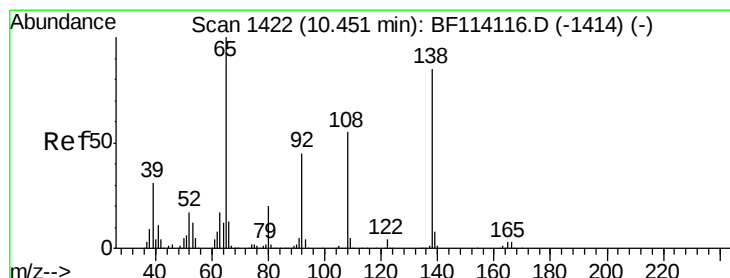
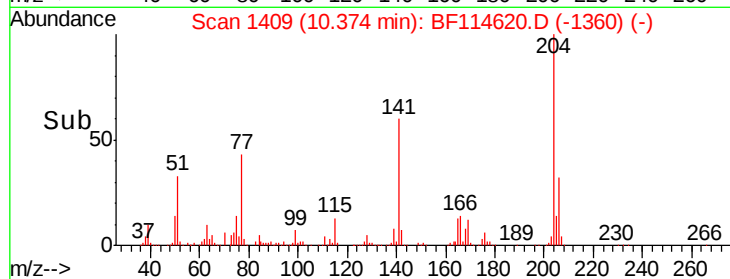
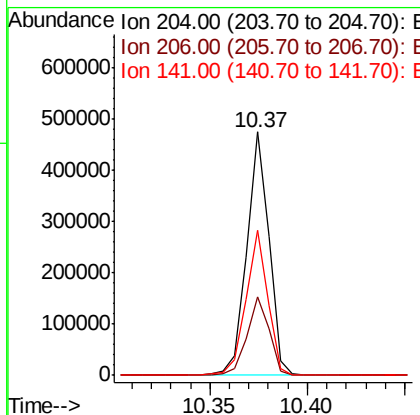
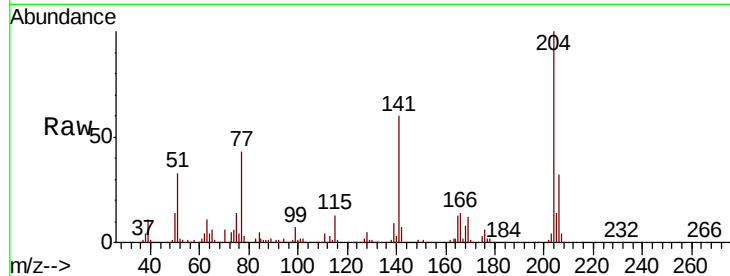




#61
4-Chlorophenyl-phenylether
Concen: 43.682 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

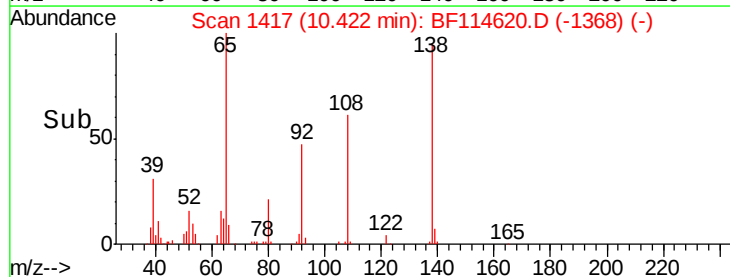
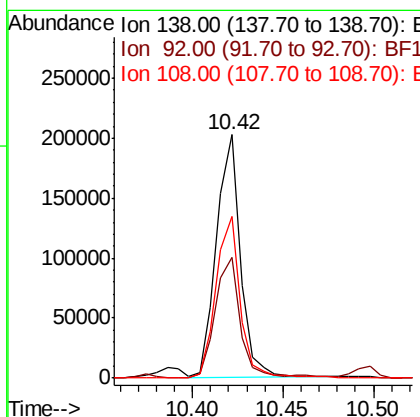
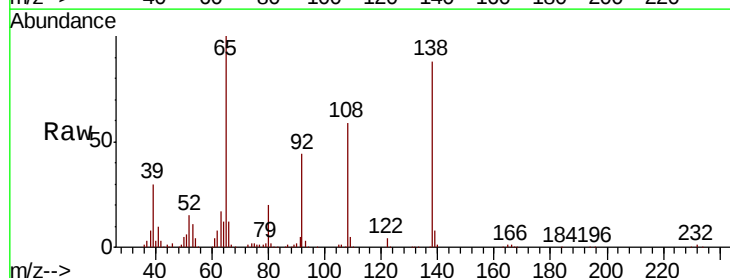
Instrument :
BNA_F
ClientSampleId :
PB120034BS

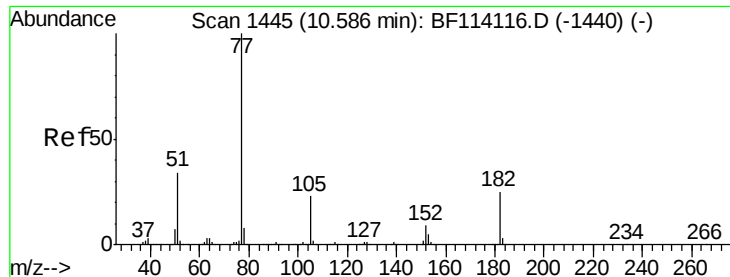
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.6	39.8
141	59.7	46.4	69.6



#62
4-Nitroaniline
Concen: 34.399 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	33.0	73.0
108	66.4	44.9	84.9





#63

Azobenzene

Concen: 42.000 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

Tot Ion: 77 Resp: 770266

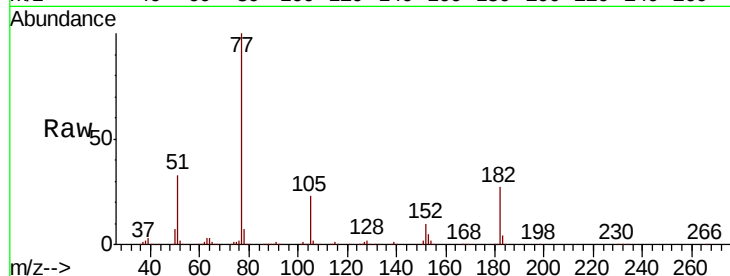
Ion Ratio Lower Upper

77 100

182 27.3 4.7 44.7

105 23.4 2.9 42.9

51 32.7 14.6 54.6

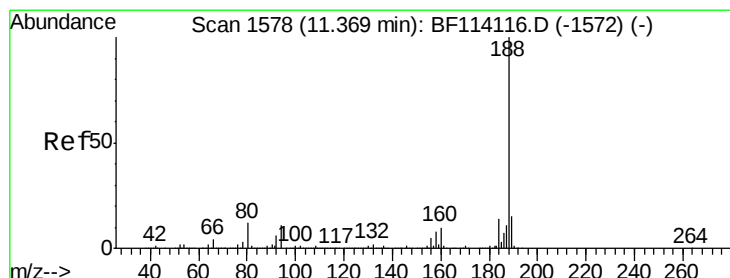
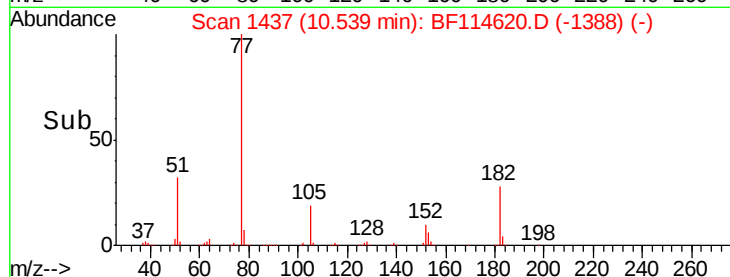
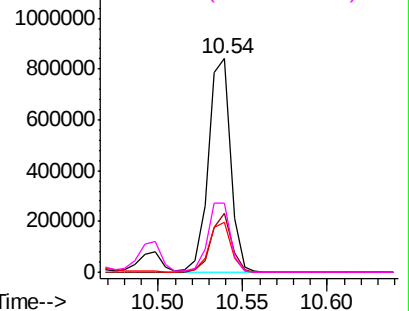


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

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: BF114620.D

Acq: 25 May 2019 22:27

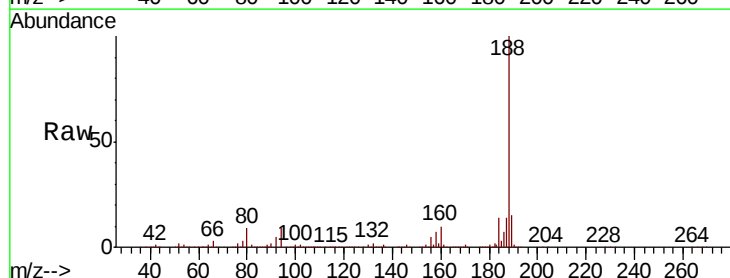
Tgt Ion: 188 Resp: 483693

Ion Ratio Lower Upper

188 100

94 8.8 8.4 12.6

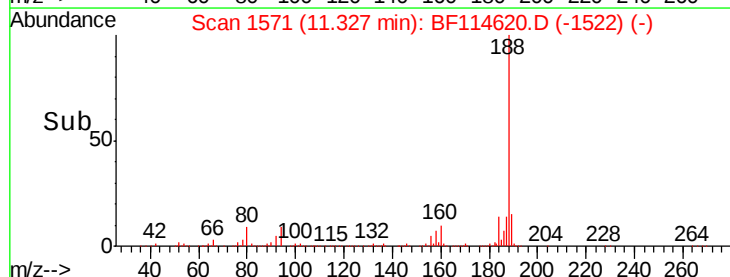
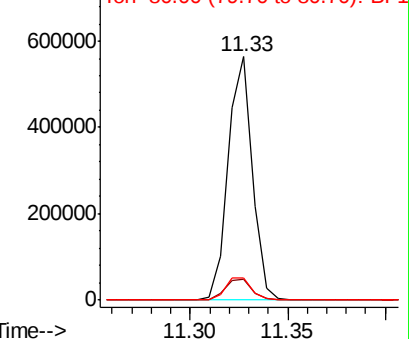
80 9.2 9.2 13.8

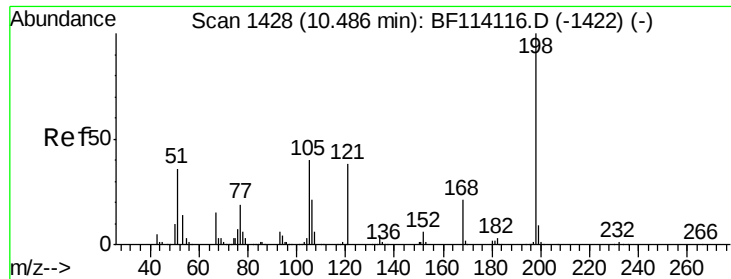


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 41.832 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

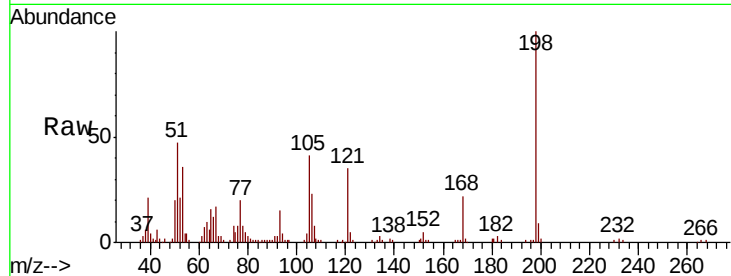
BNA_F

ClientSampleId :

PB120034BS

Tot Ion:198 Resp: 97227

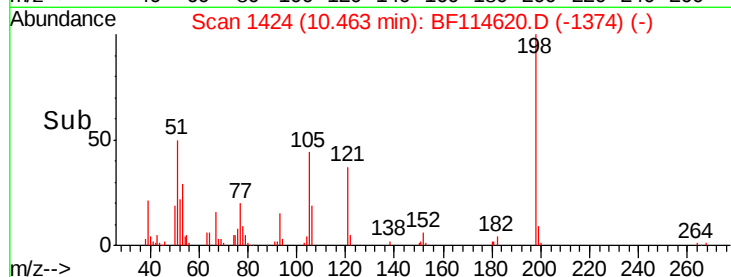
Ion	Ratio	Lower	Upper
198	100		
51	47.2	28.0	68.0
105	40.5	21.1	61.1



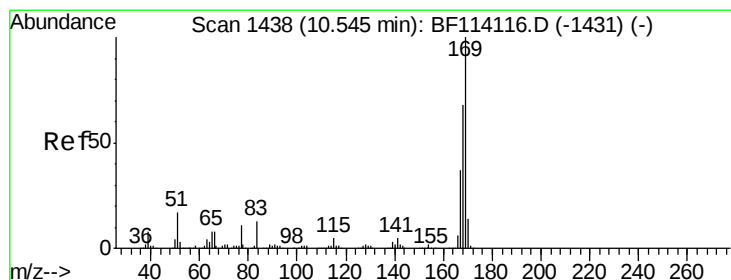
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 46.731 ng

RT: 10.50 min Scan# 1430

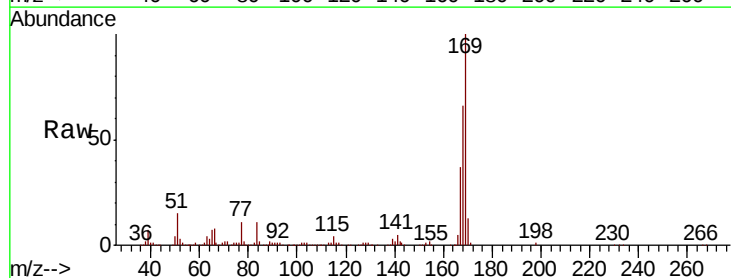
Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Tgt Ion:169 Resp: 686021

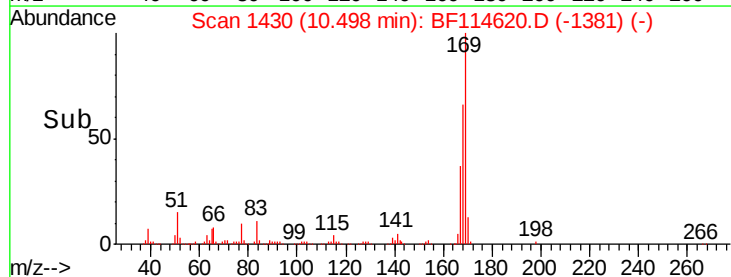
Ion	Ratio	Lower	Upper
169	100		
168	66.0	54.2	81.2
167	36.5	29.8	44.8



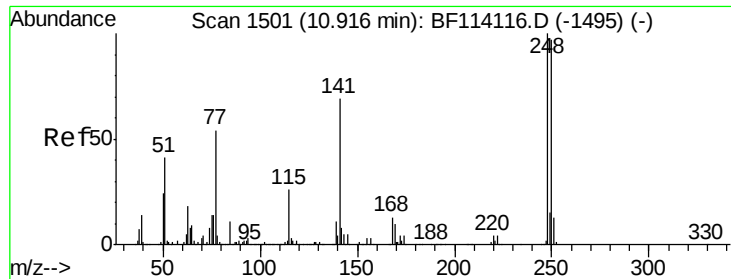
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



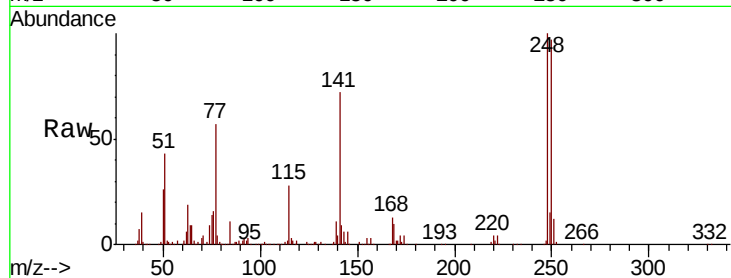
Time-->



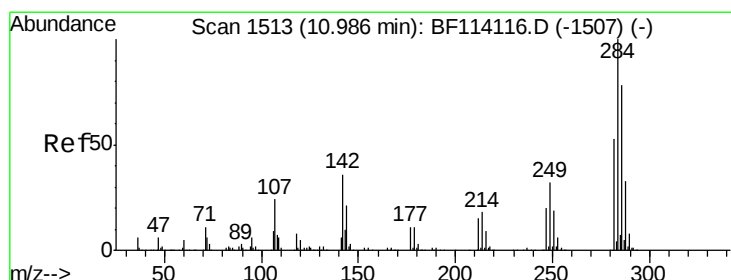
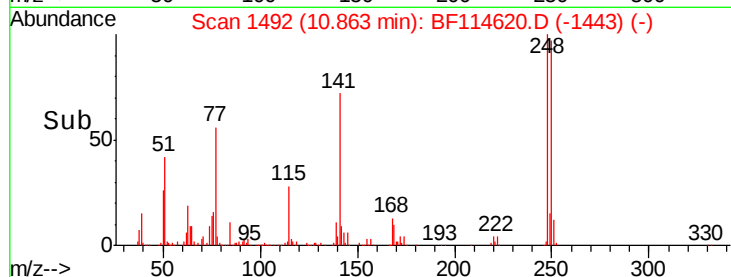
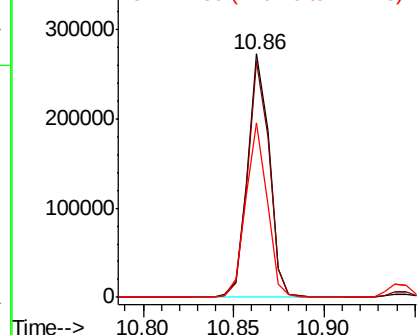
#67
4-Bromophenyl-phenylether
Concen: 42.792 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion:248 Resp: 227898
Ion Ratio Lower Upper
248 100
250 97.0 77.4 116.2
141 71.9 55.6 83.4

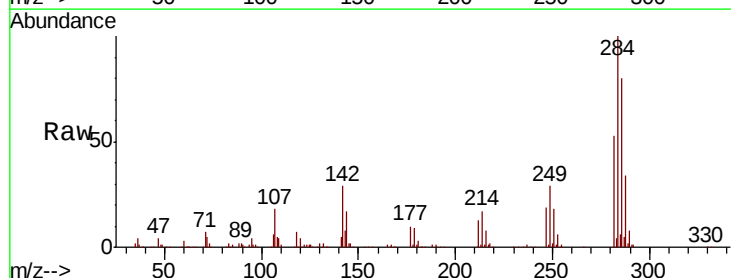


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

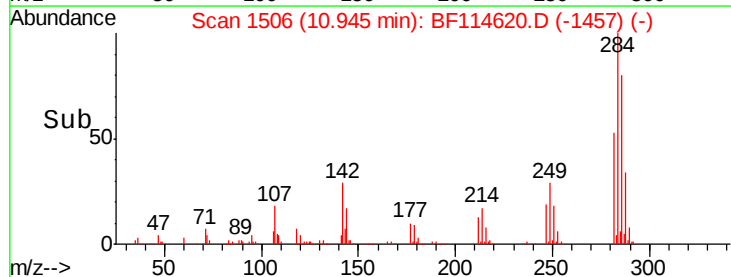
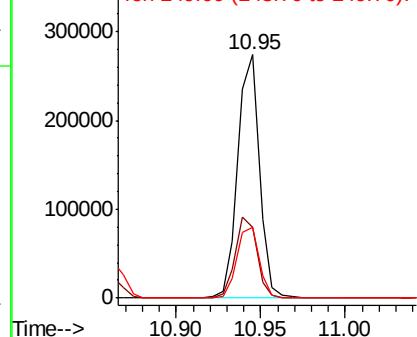


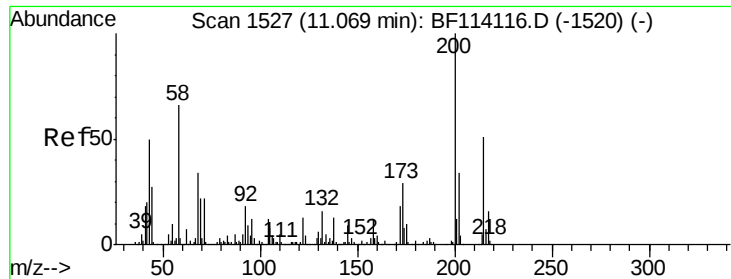
#68
Hexachlorobenzene
Concen: 41.336 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion:284 Resp: 243539
Ion Ratio Lower Upper
284 100
142 29.1 28.4 42.6
249 29.2 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

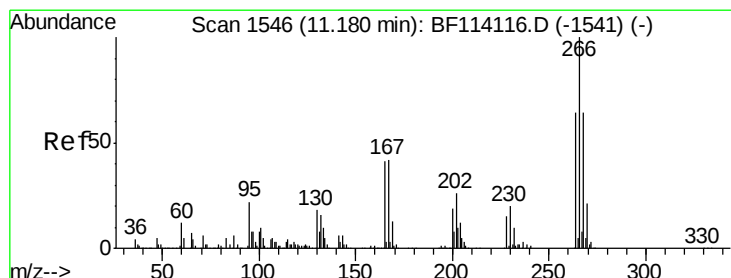
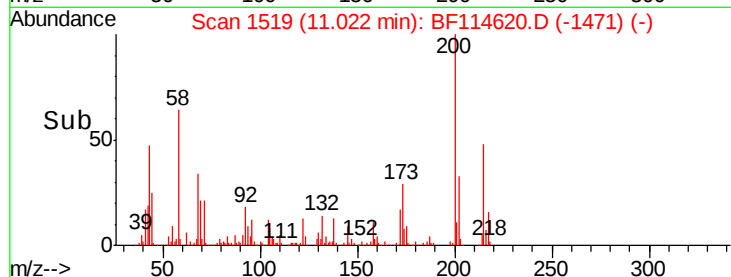
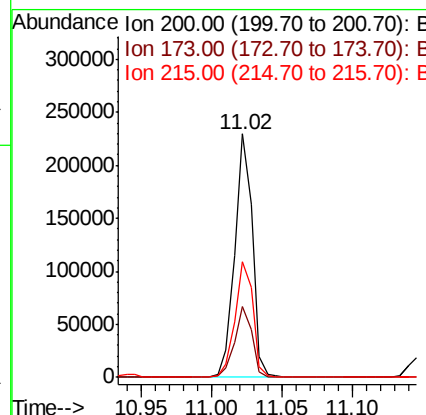
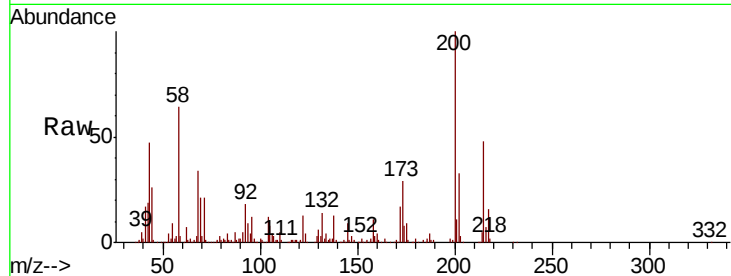




#69
Atrazine
Concen: 43.678 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

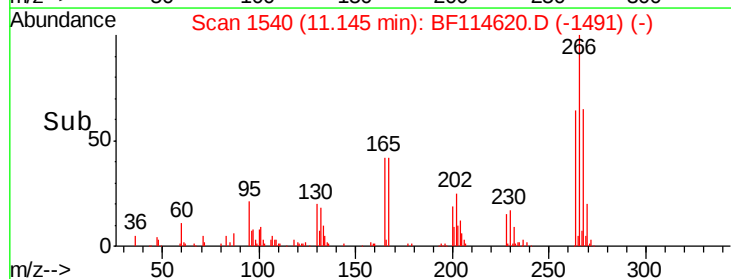
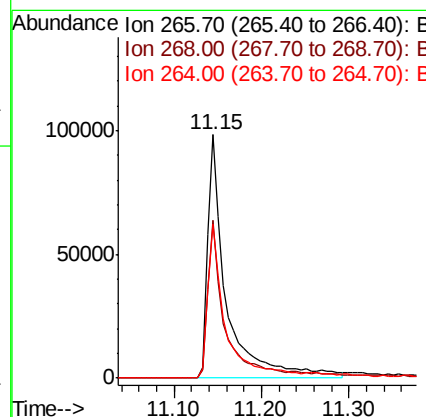
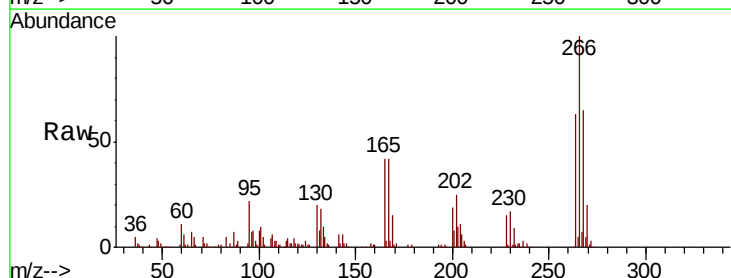
Instrument :
BNA_F
ClientSampleId :
PB120034BS

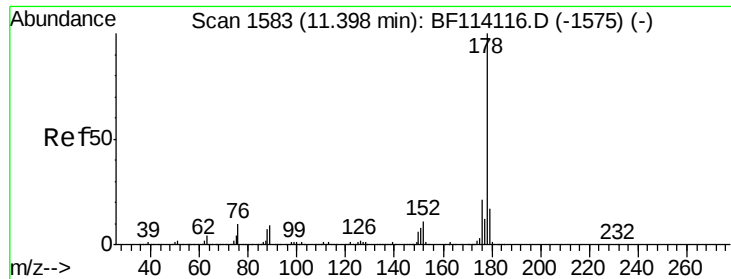
Tot Ion:200 Resp: 199541
Ion Ratio Lower Upper
200 100
173 29.3 8.9 48.9
215 47.7 30.7 70.7



#70
Pentachlorophenol
Concen: 52.922 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion:266 Resp: 147805
Ion Ratio Lower Upper
266 100
268 64.8 51.1 76.7
264 63.4 51.1 76.7

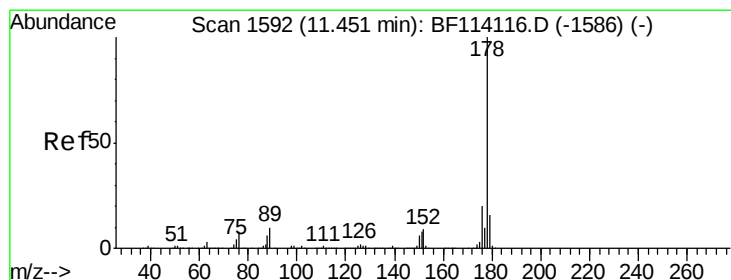
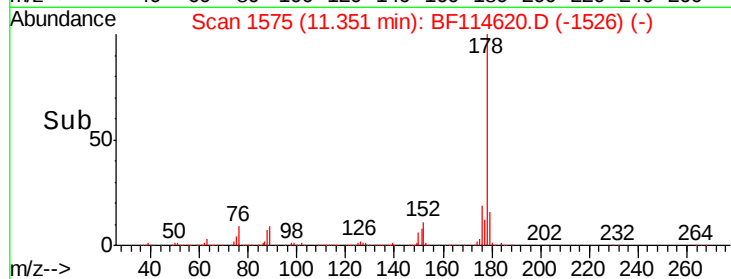
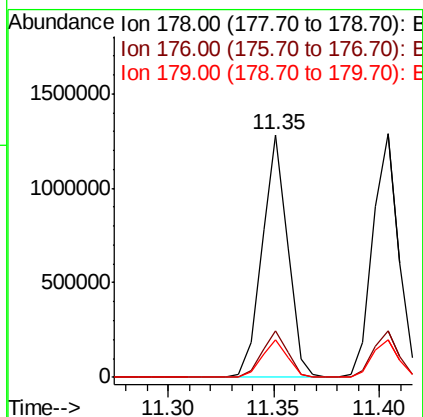
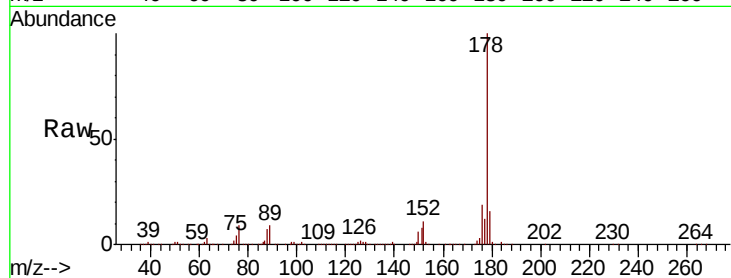




#71
Phenanthrene
Concen: 46.039 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

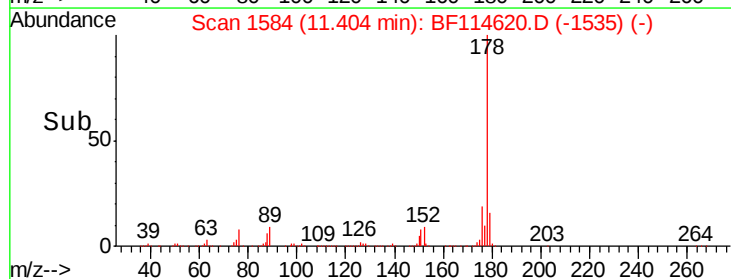
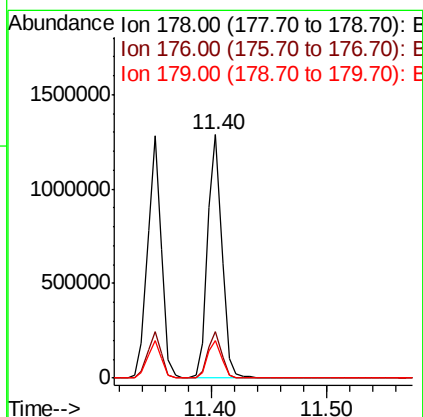
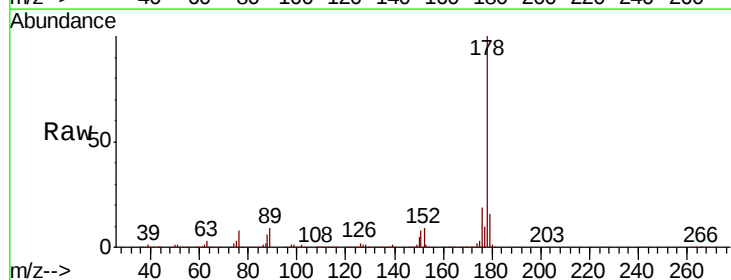
Instrument :
BNA_F
ClientSampleId :
PB120034BS

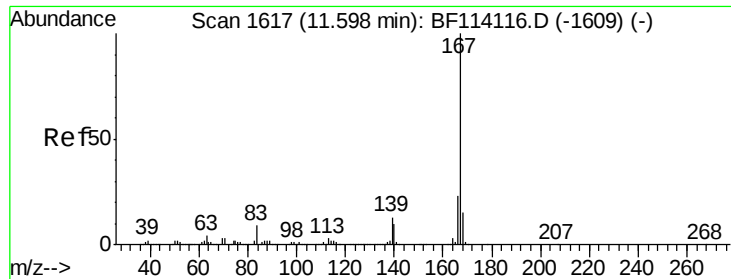
Tot Ion:178 Resp: 1083402
Ion Ratio Lower Upper
178 100
176 19.3 16.4 24.6
179 15.7 13.2 19.8



#72
Anthracene
Concen: 47.272 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion:178 Resp: 1117337
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.8
179 15.7 13.0 19.4

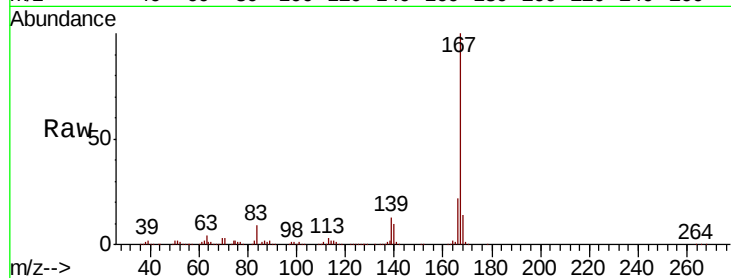




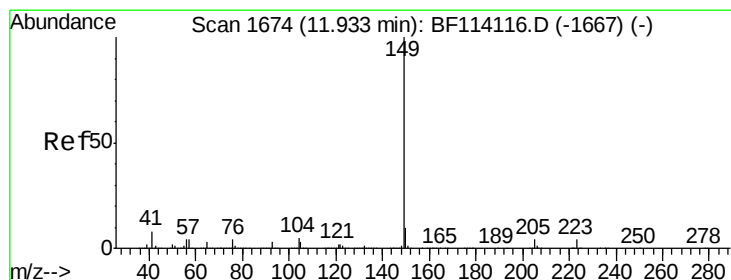
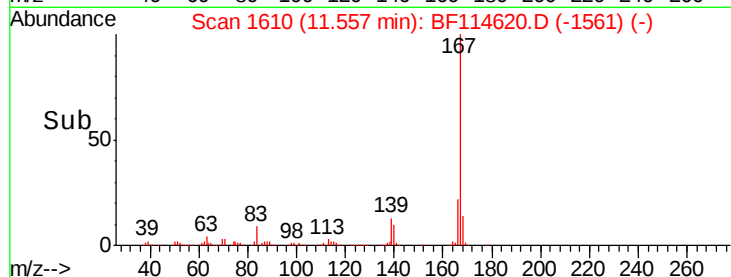
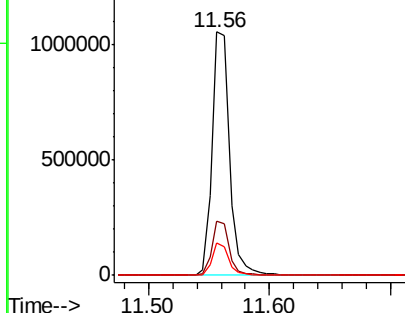
#73
 Carbazole
 Concen: 46.260 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Instrument :
 BNA_F
 ClientSampleId :
 PB120034BS

Tot Ion:167 Resp: 1042663
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.3 10.6 16.0

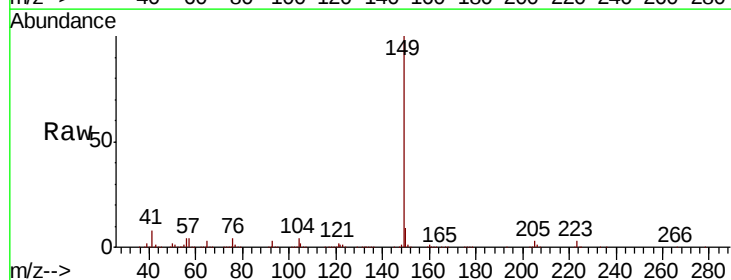


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

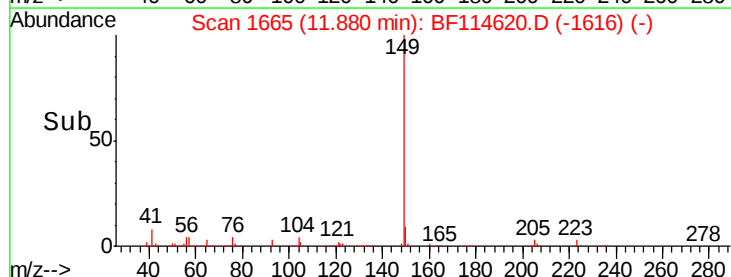
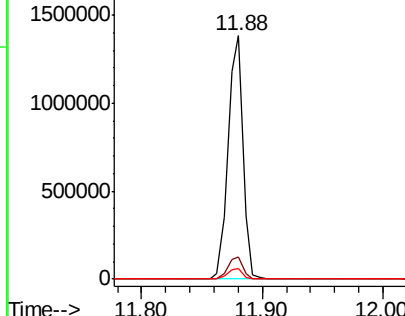


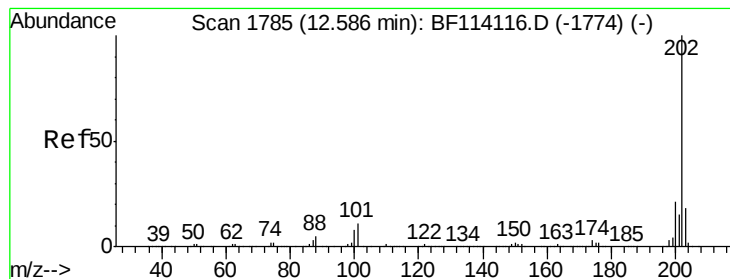
#74
 Di-n-butylphthalate
 Concen: 45.691 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF114620.D
 Acq: 25 May 2019 22:27

Tgt Ion:149 Resp: 1186457
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.4 3.6 5.4



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





#75

Fluoranthene

Concen: 45.847 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

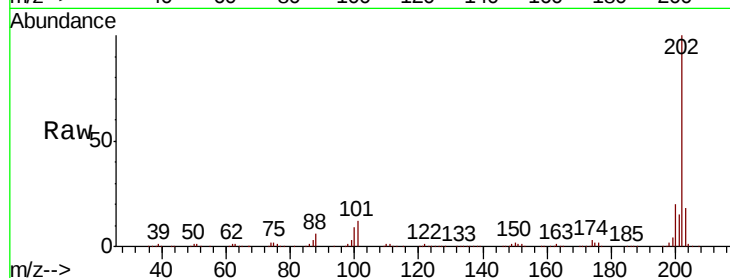
Tot Ion:202 Resp: 1161825

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.0

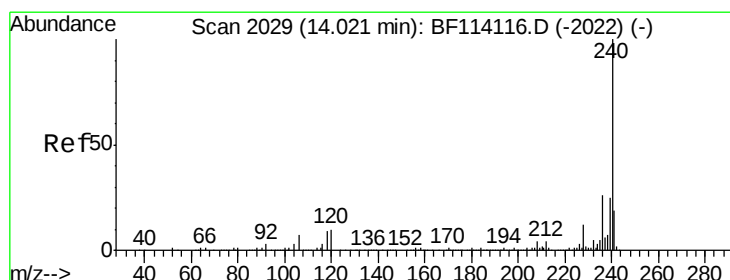
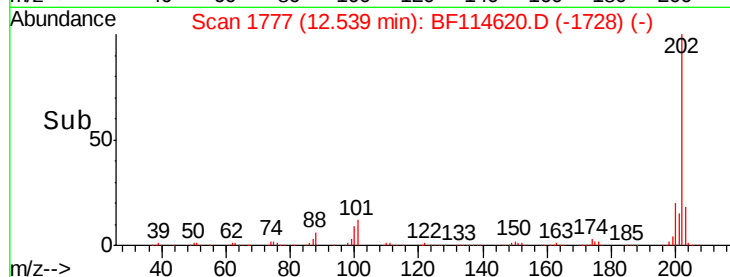
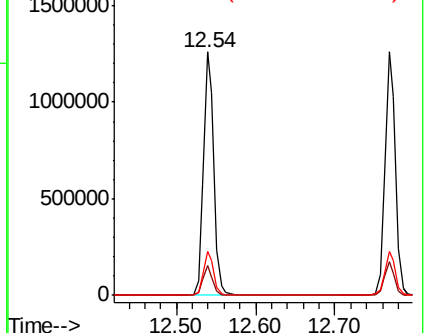
203 17.9 0.0 38.4



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# 2020

Delta R.T. -0.02 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

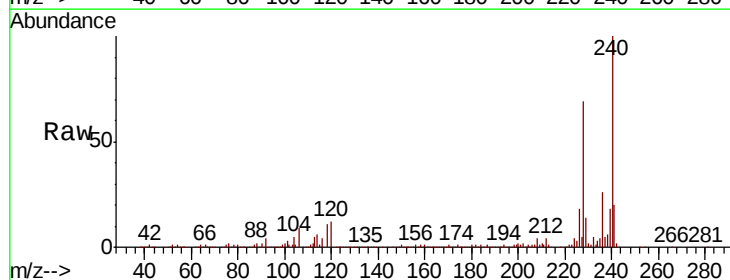
Tgt Ion:240 Resp: 342146

Ion Ratio Lower Upper

240 100

120 12.2 8.3 12.5

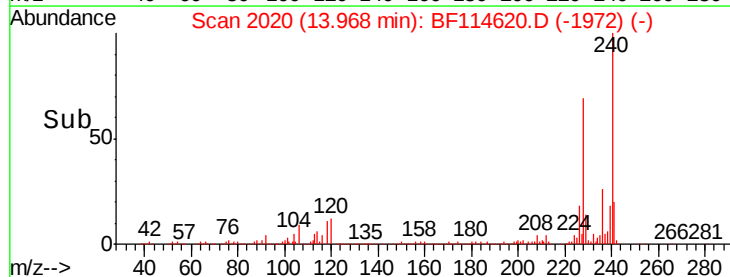
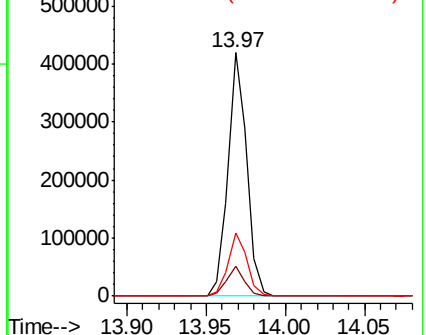
236 25.8 20.8 31.2

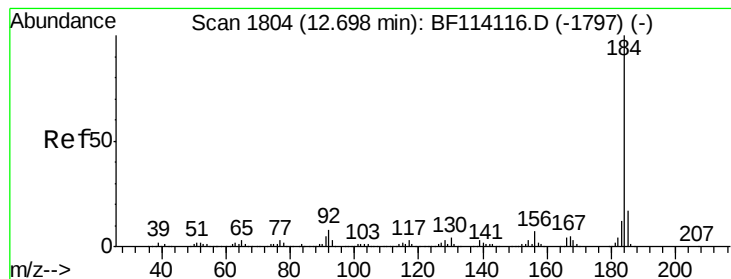


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.894 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

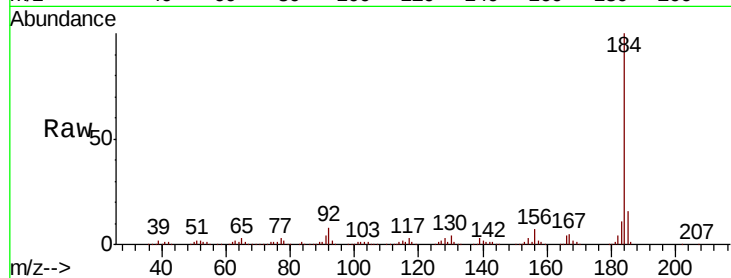
Tot Ion:184 Resp: 566628

Ion Ratio Lower Upper

184 100

185 15.7 13.6 20.4

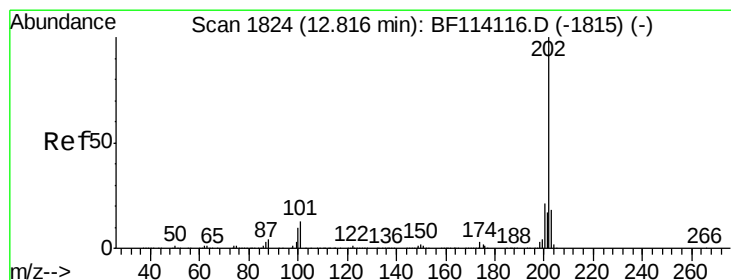
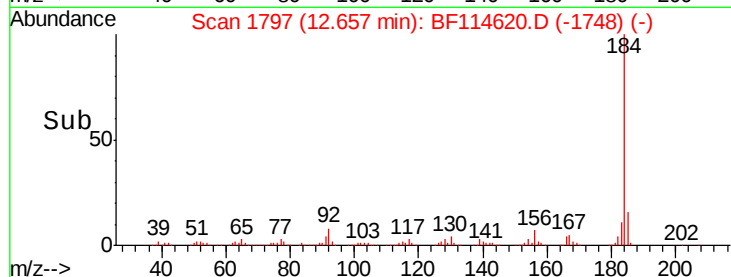
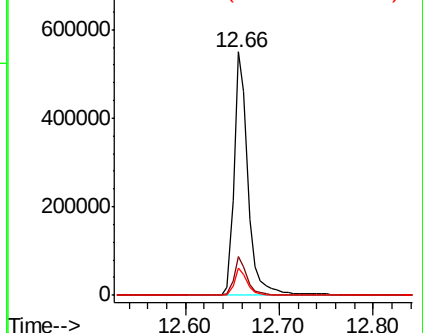
183 11.0 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.324 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

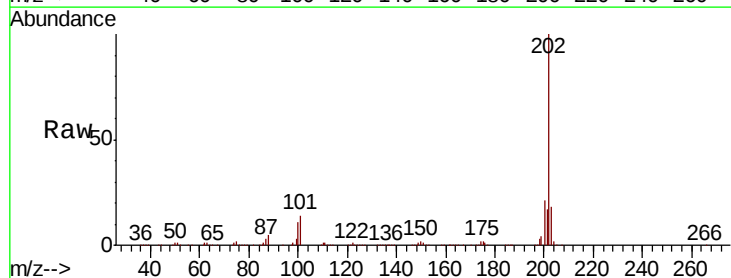
Tgt Ion:202 Resp: 1164931

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

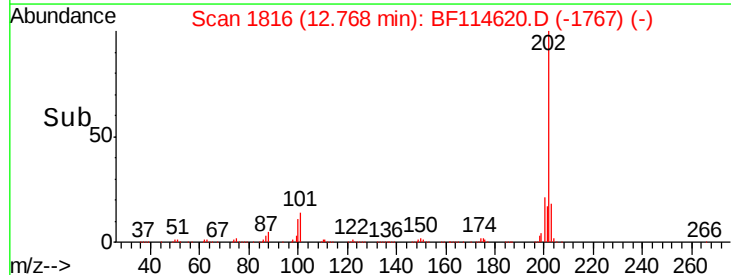
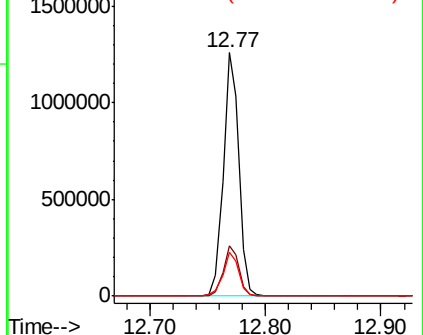
203 18.1 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.658 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

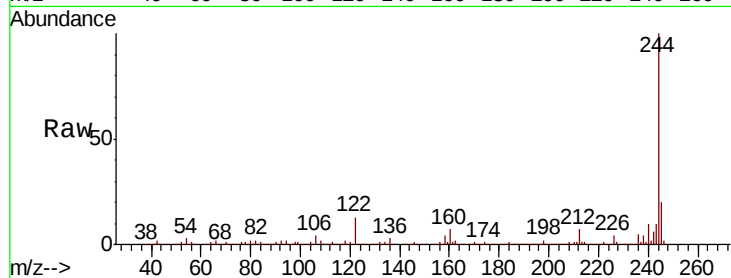
Tot Ion:244 Resp: 1537886

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

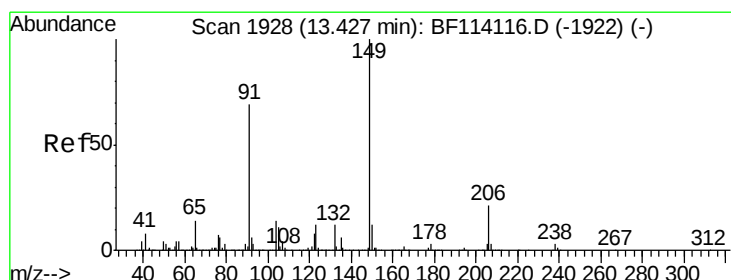
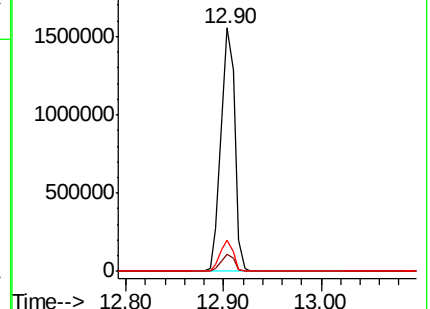
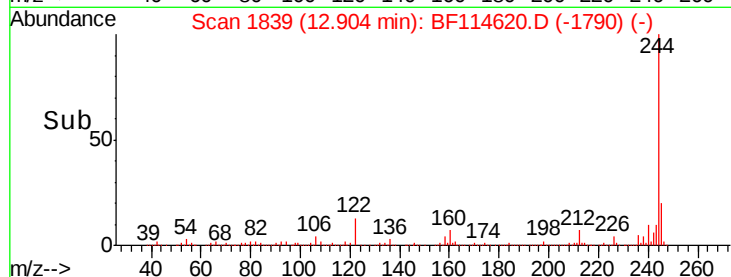
122 12.7 9.4 14.2



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: 44.370 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

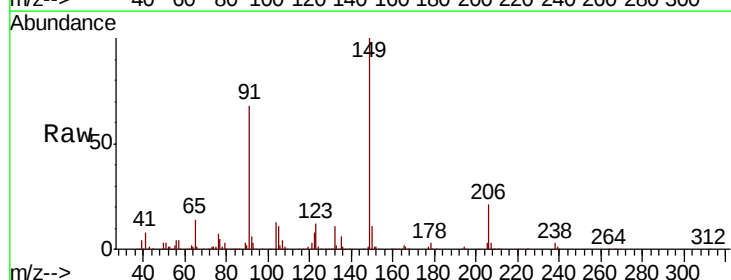
Tgt Ion:149 Resp: 514036

Ion Ratio Lower Upper

149 100

91 67.8 55.0 82.4

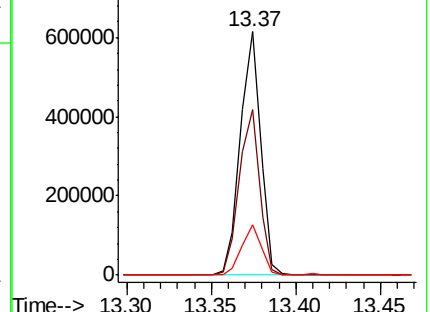
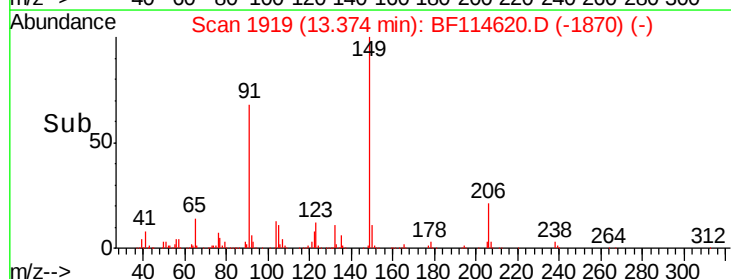
206 20.7 16.9 25.3

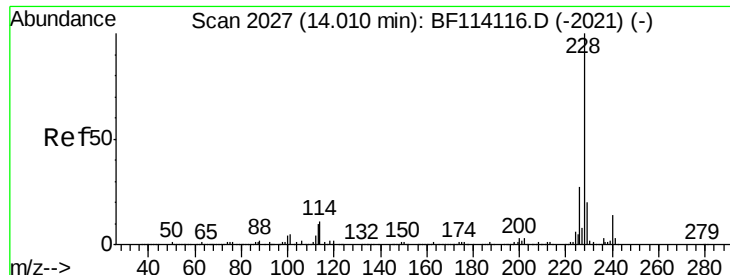


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.186 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

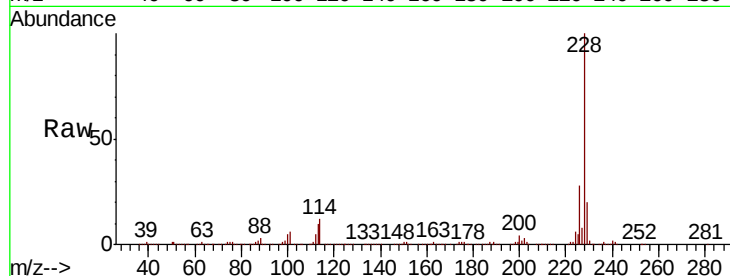
Tot Ion:228 Resp: 977828

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.2

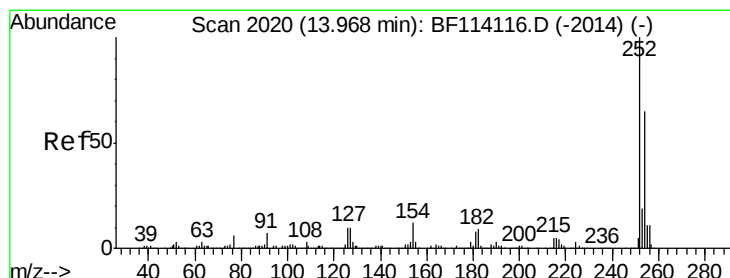
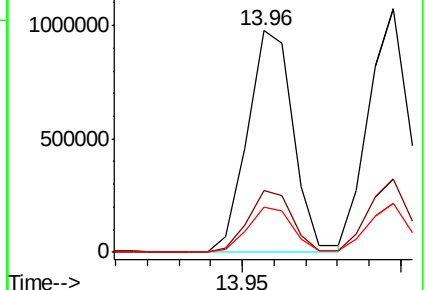
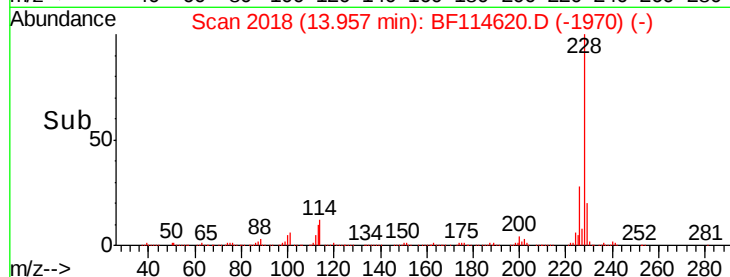
229 20.3 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.808 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

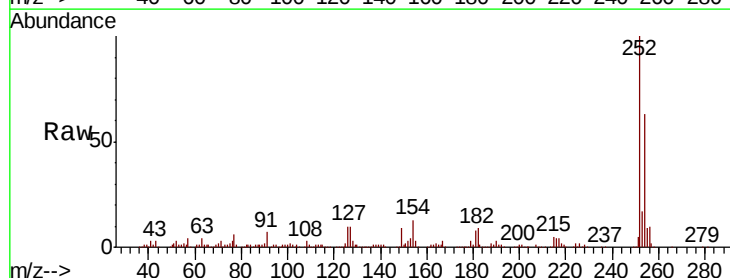
Tgt Ion:252 Resp: 281651

Ion Ratio Lower Upper

252 100

254 63.3 51.9 77.9

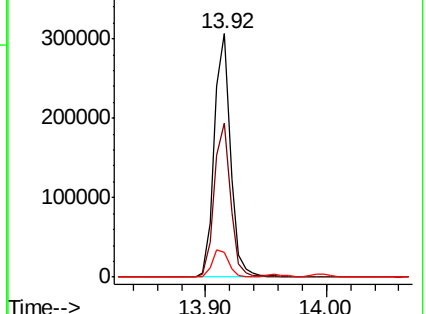
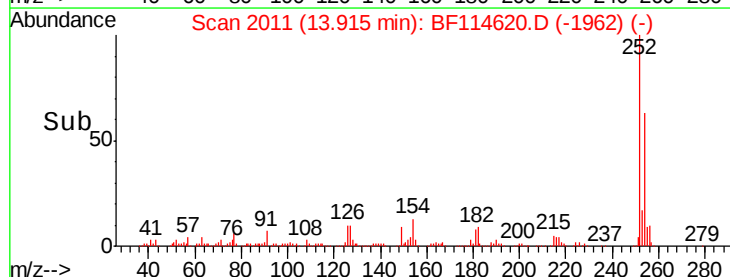
126 10.4 7.9 11.9

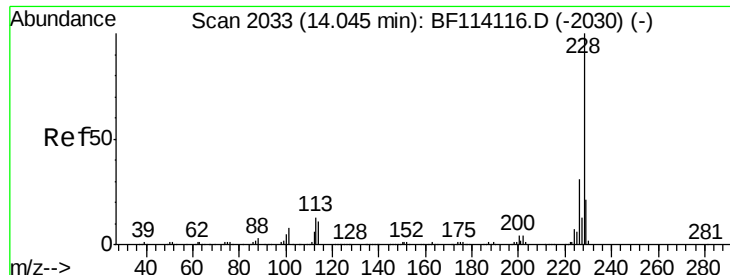


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.534 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

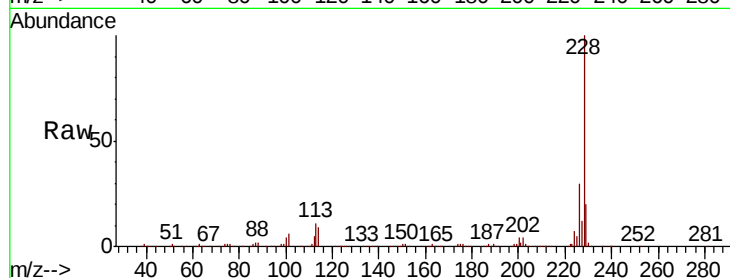
Tot Ion:228 Resp: 966092

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.6

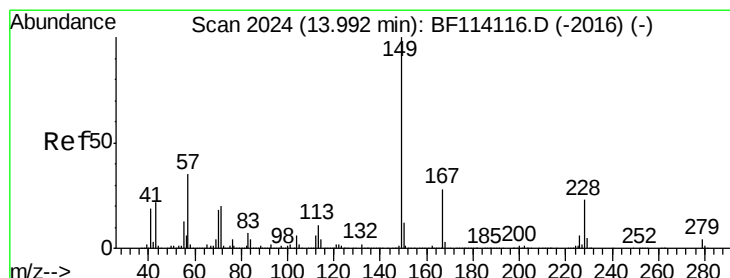
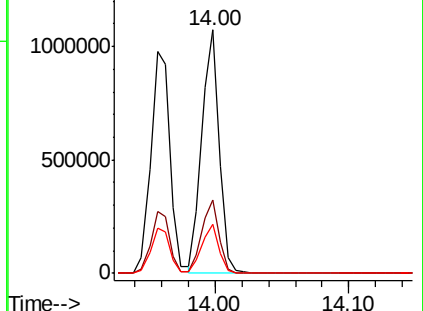
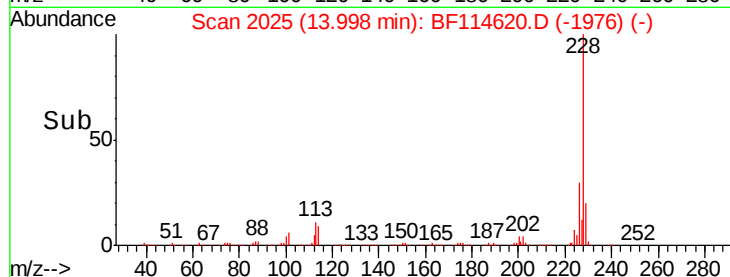
229 19.9 17.0 25.6



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: 46.142 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

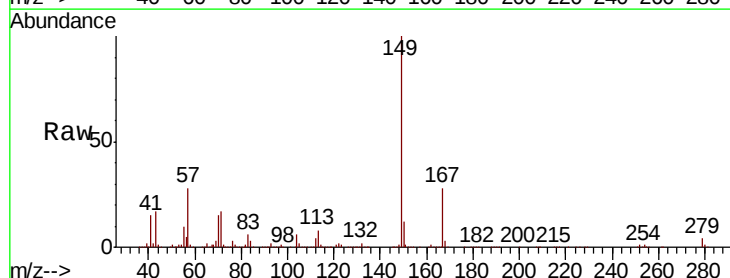
Tgt Ion:149 Resp: 699131

Ion Ratio Lower Upper

149 100

167 28.3 22.6 33.8

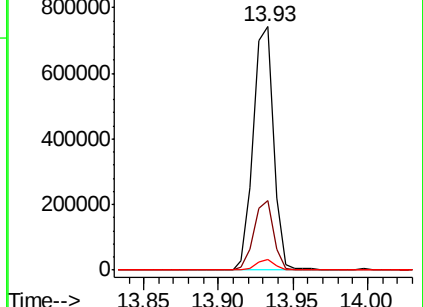
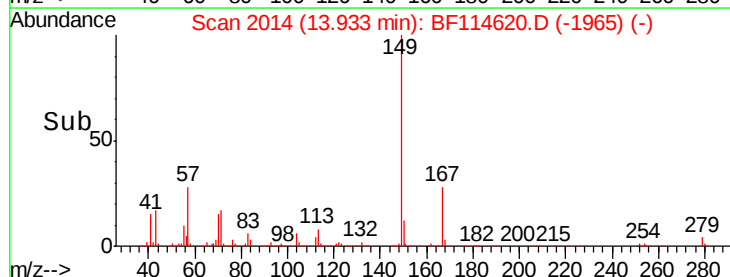
279 4.4 3.0 4.6

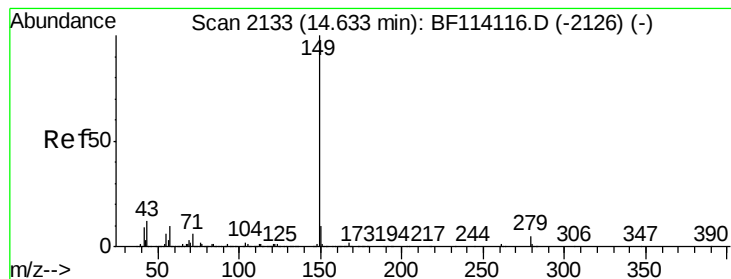


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.946 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

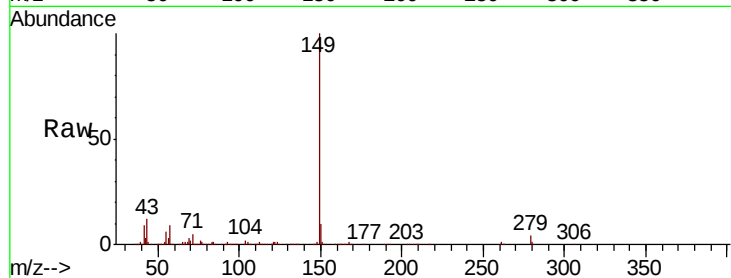
BNA_F

ClientSampleId :

PB120034BS

Tot Ion:149 Resp: 1128527

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.7	10.1	15.1

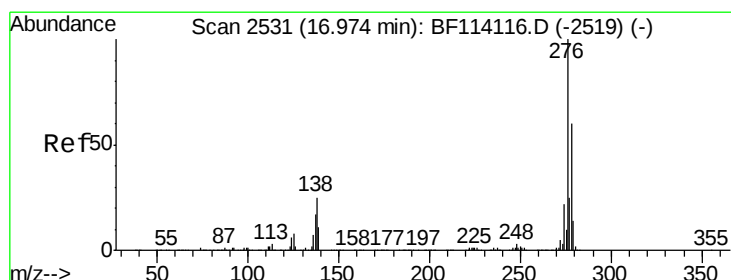
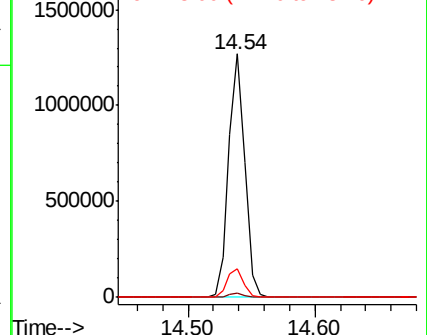
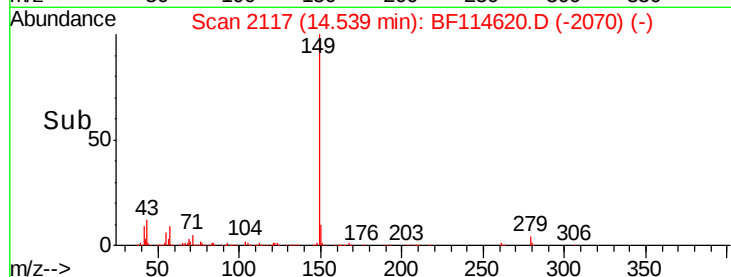


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.694 ng

RT: 16.90 min Scan# 2518

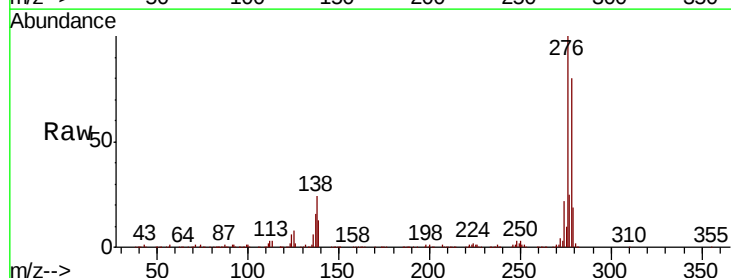
Delta R.T. -0.03 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Tgt Ion:276 Resp: 895236

Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.2	30.2
277	24.9	20.0	30.0

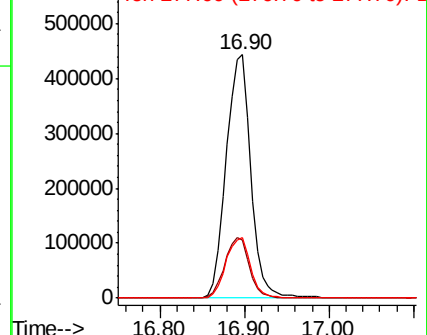
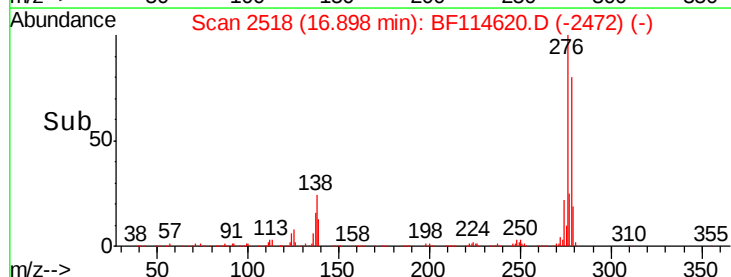


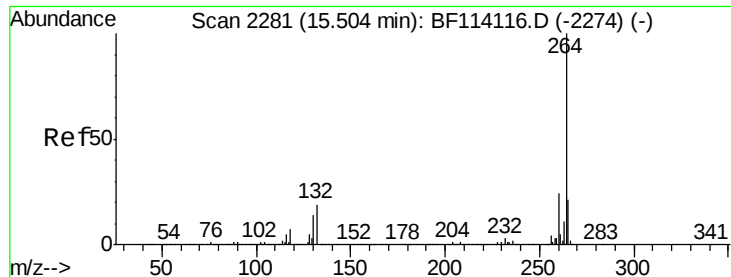
Abundance

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



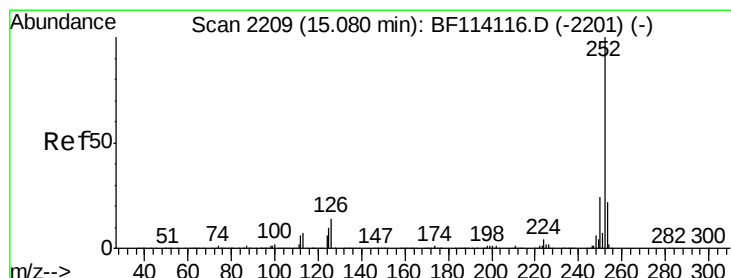
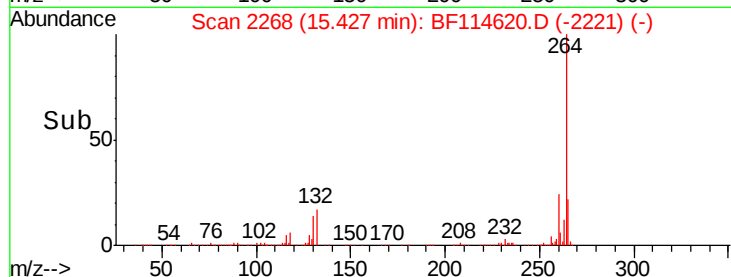
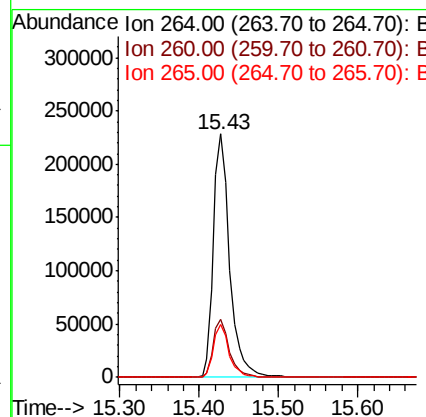
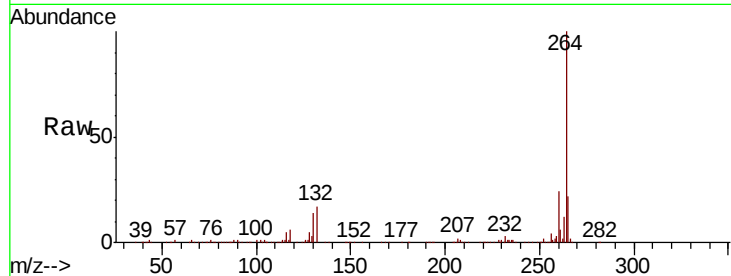


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Instrument :
BNA_F
ClientSampleId :
PB120034BS

Tot Ion:264 Resp: 327787

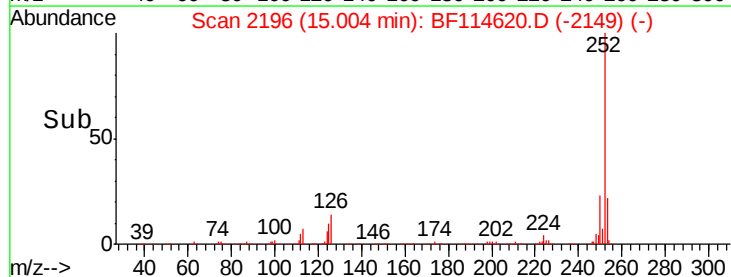
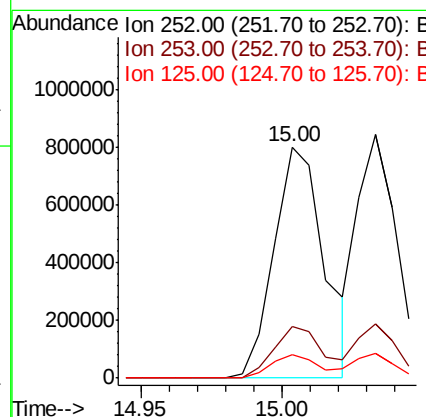
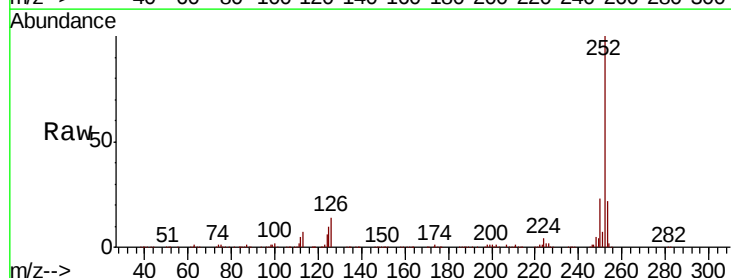
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.9	16.9	25.3

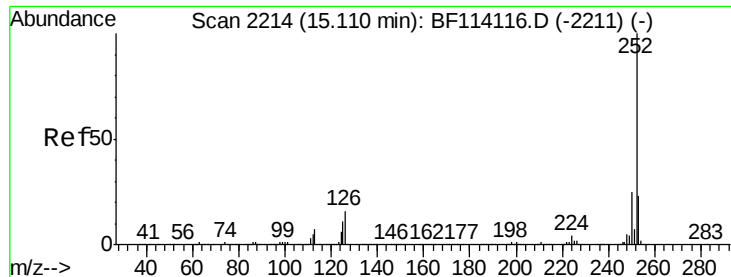


#88
Benzo(b)fluoranthene
Concen: 47.427 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion:252 Resp: 995970

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.4	8.3	12.5

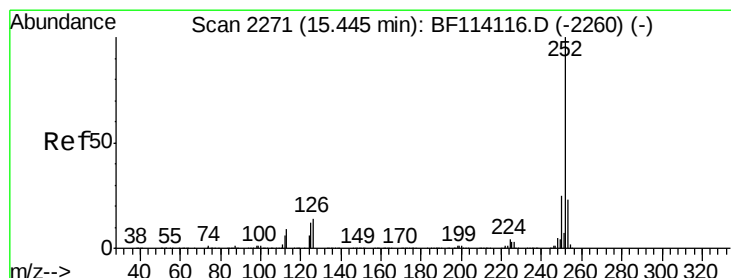
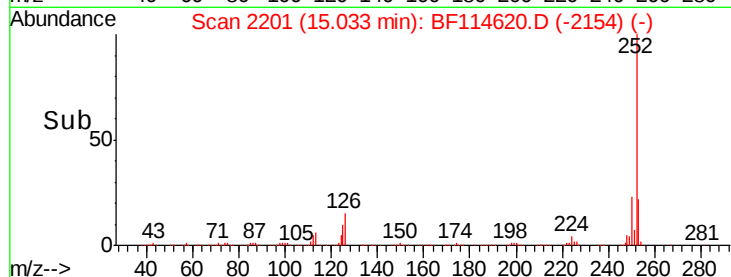
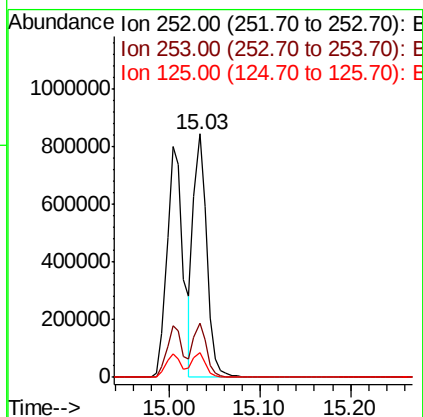
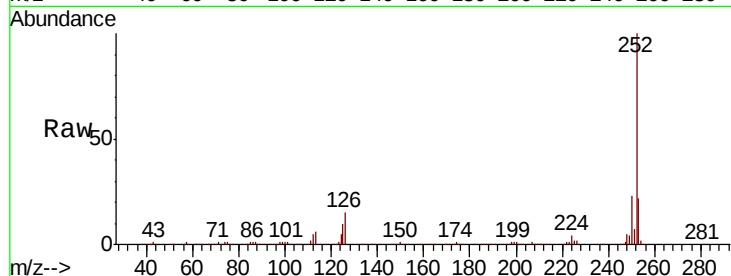




#89
Benzo(k)fluoranthene
Concen: 44.029 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

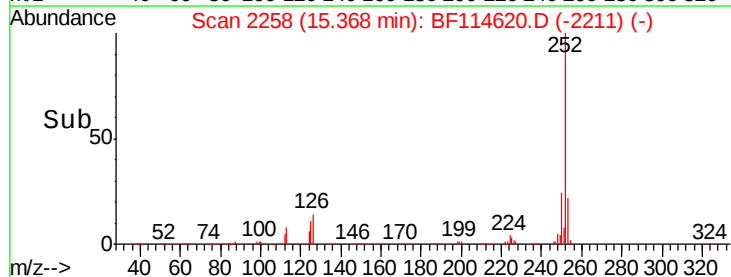
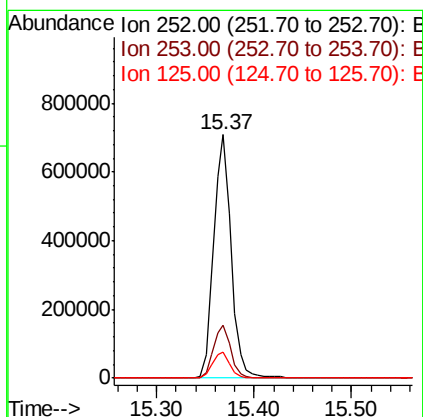
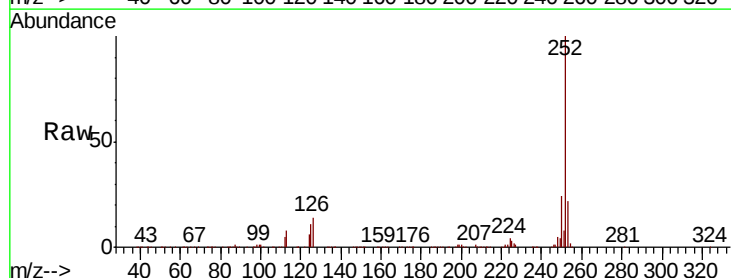
Instrument :
BNA_F
ClientSampleId :
PB120034BS

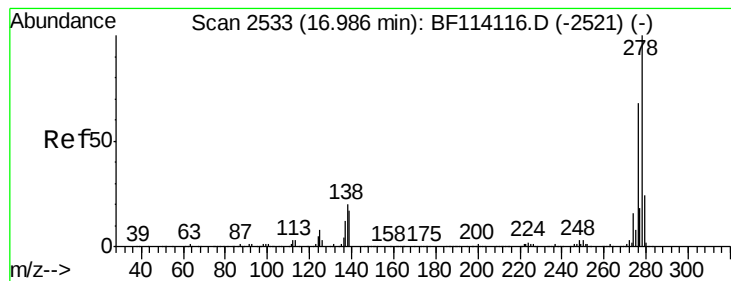
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	10.1	8.6	13.0



#90
Benzo(a)pyrene
Concen: 47.371 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114620.D
Acq: 25 May 2019 22:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	10.5	9.5	14.3





#91

Dibenzo(a,h)anthracene

Concen: 48.695 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

Instrument :

BNA_F

ClientSampleId :

PB120034BS

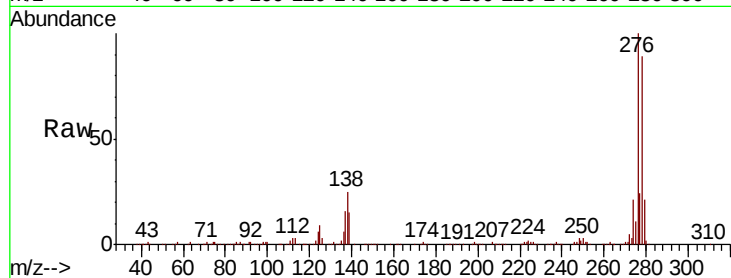
Tot Ion:278 Resp: 747832

Ion Ratio Lower Upper

278 100

139 16.4 13.5 20.3

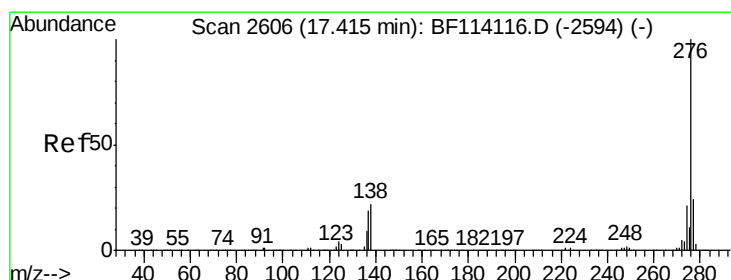
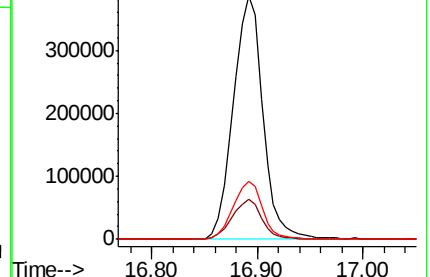
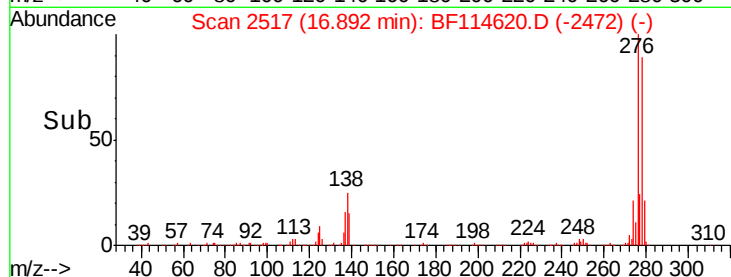
279 23.9 19.0 28.6



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: 50.508 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.04 min

Lab File: BF114620.D

Acq: 25 May 2019 22:27

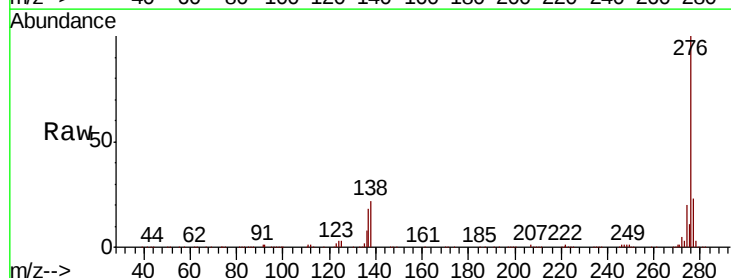
Tgt Ion:276 Resp: 777344

Ion Ratio Lower Upper

276 100

277 23.1 19.0 28.4

138 21.6 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

