

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114823.D
 Acq On : 5 Jun 2019 17:35
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 04:59:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	338592	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	1360815	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	672535	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1280727	20.00	ng	0.00
76) Chrysene-d12	13.80	240	790871	20.00	ng	0.01
87) Perylene-d12	15.19	264	980680	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1658290	85.58	ng	0.00
7) Phenol-d6	6.31	99	2023267	85.81	ng	0.00
23) Nitrobenzene-d5	7.24	82	1808487	81.81	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	591161	81.57	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3080452	85.80	ng	0.00
79) Terphenyl-d14	12.76	244	3119031	76.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	390574	42.217	ng	99
3) Pyridine	2.98	79	1084208	42.642	ng	99
4) n-Nitrosodimethylamine	2.92	42	394873	42.434	ng	96
6) Aniline	6.33	93	1424904	42.590	ng	97
8) 2-Chlorophenol	6.46	128	947730	42.331	ng	98
9) Benzaldehyde	6.22	77	672390	41.111	ng	99
10) Phenol	6.32	94	1142300	42.365	ng	92
11) bis(2-Chloroethyl)ether	6.41	93	883212	41.971	ng	98
12) 1,3-Dichlorobenzene	6.62	146	1084915	41.586	ng	100
13) 1,4-Dichlorobenzene	6.69	146	1092199	41.606	ng	99
14) 1,2-Dichlorobenzene	6.85	146	1011950	42.684	ng	99
15) Benzyl Alcohol	6.82	79	761121	42.686	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1266469	42.081	ng	99
17) 2-Methylphenol	6.93	107	777937	40.650	ng	99
18) Hexachloroethane	7.19	117	393684	39.844	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	618440	39.623	ng	97
20) 3+4-Methylphenols	7.09	107	879424	41.663	ng	# 82
22) Acetophenone	7.09	105	1205830	40.248	ng	# 99
24) Nitrobenzene	7.26	77	958565	41.857	ng	96
25) Isophorone	7.50	82	1729551	39.576	ng	99
26) 2-Nitrophenol	7.57	139	517245	41.701	ng	92
27) 2,4-Dimethylphenol	7.62	122	772137	40.957	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	1143197	40.922	ng	100
29) 2,4-Dichlorophenol	7.82	162	823666	41.527	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	929754	40.854	ng	100
31) Naphthalene	7.98	128	2588728	42.255	ng	99
32) Benzoic acid	7.73	122	466424	33.969	ng	99
33) 4-Chloroaniline	8.03	127	1238828	42.387	ng	98
34) Hexachlorobutadiene	8.10	225	520025	40.191	ng	100
35) Caprolactam	8.40	113	270459	41.742	ng	97
36) 4-Chloro-3-methylphenol	8.51	107	807885	40.934	ng	100
37) 2-Methylnaphthalene	8.67	142	1763523	41.501	ng	99
38) 1-Methylnaphthalene	8.76	142	1670823	41.461	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	797409	41.143	ng	99

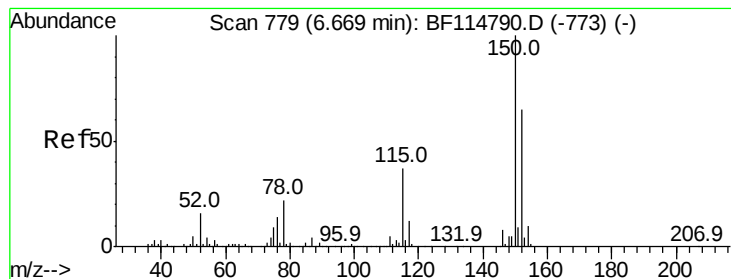
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	448440	38.150	ng	100
43) 2,4,6-Trichlorophenol	8.95	196	602621	39.986	ng	100
44) 2,4,5-Trichlorophenol	8.98	196	617106	40.659	ng	99
46) 1,1'-Biphenyl	9.13	154	2091385	41.958	ng	98
47) 2-Chloronaphthalene	9.15	162	1759395	41.540	ng	99
48) 2-Nitroaniline	9.25	65	531100	42.019	ng	97
49) Acenaphthylene	9.56	152	2592902	42.215	ng	99
50) Dimethylphthalate	9.43	163	1997025	40.656	ng	99
51) 2,6-Dinitrotoluene	9.49	165	473899	41.024	ng	94
52) Acenaphthene	9.74	154	1647847	40.956	ng	99
53) 3-Nitroaniline	9.65	138	583812	43.262	ng	95
54) 2,4-Dinitrophenol	9.76	184	195204	37.343	ng	95
55) Dibenzofuran	9.91	168	2270147	40.576	ng	97
56) 4-Nitrophenol	9.81	139	426976	43.180	ng	98
57) 2,4-Dinitrotoluene	9.89	165	619693	42.673	ng	99
58) Fluorene	10.25	166	1586355	44.044	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	503986	40.530	ng	100
60) Diethylphthalate	10.13	149	1987875	40.331	ng	99
61) 4-Chlorophenyl-phenylether	10.24	204	824376	38.471	ng	99
62) 4-Nitroaniline	10.26	138	560949	42.857	ng	99
63) Azobenzene	10.40	77	1751966	41.758	ng	98
65) 4,6-Dinitro-2-methylphenol	10.30	198	257047	38.637	ng	92
66) n-Nitrosodiphenylamine	10.36	169	1591522	41.096	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	582107	40.019	ng	99
68) Hexachlorobenzene	10.80	284	640341	40.224	ng	97
69) Atrazine	10.89	200	565208	41.965	ng	98
70) Pentachlorophenol	10.99	266	374934	40.741	ng	99
71) Phenanthrene	11.20	178	2580418	42.205	ng	100
72) Anthracene	11.25	178	2616270	40.661	ng	98
73) Carbazole	11.40	167	2394006	43.402	ng	99
74) Di-n-butylphthalate	11.75	149	2922741	40.287	ng	98
75) Fluoranthene	12.38	202	2670894	41.972	ng	98
77) Benzidine	12.50	184	1730422	44.197	ng	98
78) Pyrene	12.61	202	2707974	39.470	ng	99
80) Butylbenzylphthalate	13.23	149	1342709	38.755	ng	99
81) Benzo(a)anthracene	13.79	228	2373875	38.951	ng	99
82) 3,3'-Dichlorobenzidine	13.76	252	1017041	41.155	ng	99
83) Chrysene	13.83	228	2344941	39.552	ng	100
84) Bis(2-ethylhexyl)phthalate	13.80	149	1596605	36.444	ng	# 99
85) Di-n-octyl phthalate	14.41	149	2859783	38.417	ng	99
86) Indeno(1,2,3-cd)pyrene	16.50	276	2420936	35.788	ng	99
88) Benzo(b)fluoranthene	14.80	252	2587103	41.439	ng	99
89) Benzo(k)fluoranthene	14.83	252	2057270	38.803	ng	99
90) Benzo(a)pyrene	15.13	252	2181290	40.367	ng	99
91) Dibenzo(a,h)anthracene	16.52	278	1977477	38.642	ng	99
92) Benzo(g,h,i)perylene	16.90	276	1956258	38.014	ng	99

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

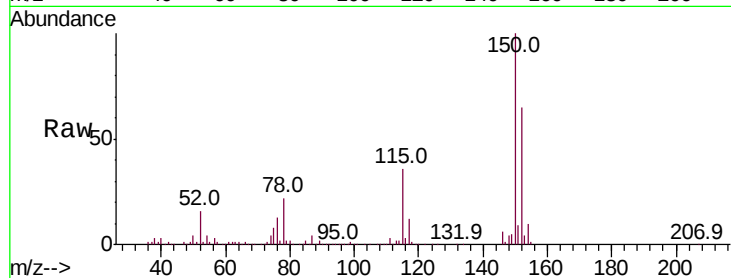


#1

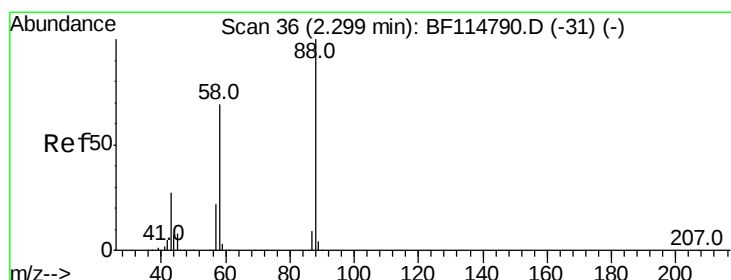
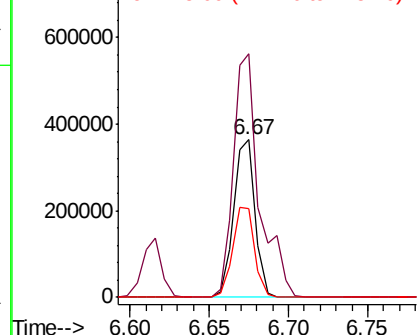
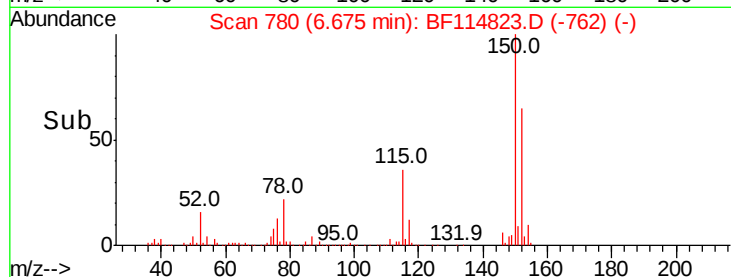
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 338592
Ion Ratio Lower Upper
152 100
150 154.8 124.0 186.0
115 56.1 46.3 69.5



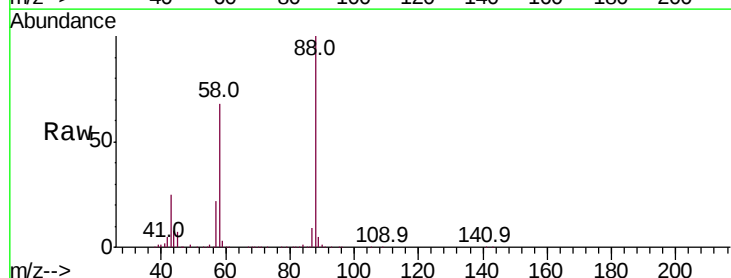
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



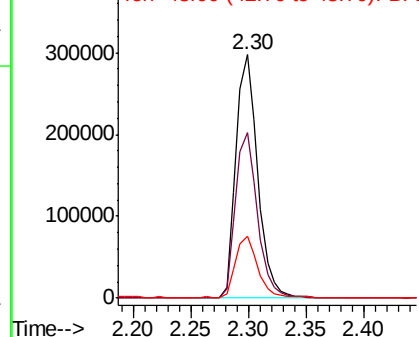
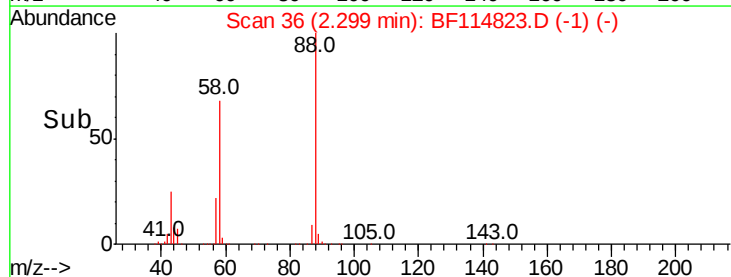
#2

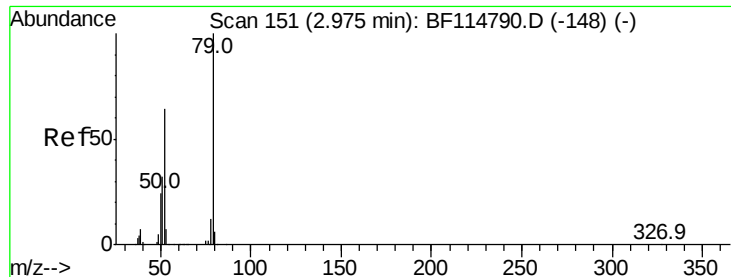
1,4-Dioxane
Concen: 42.217 ng
RT: 2.30 min Scan# 36
Delta R.T. 0.00 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Tgt Ion: 88 Resp: 390574
Ion Ratio Lower Upper
88 100
58 68.4 53.8 80.8
43 25.5 20.7 31.1



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: 42.642 ng

RT: 2.98 min Scan# 151

Delta R.T. 0.00 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Instrument :

BNA_F

ClientSampleId :

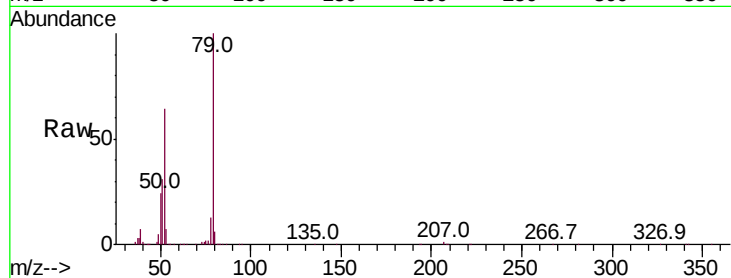
Tot Ion: 79 Resp: 1084208

Ion Ratio Lower Upper

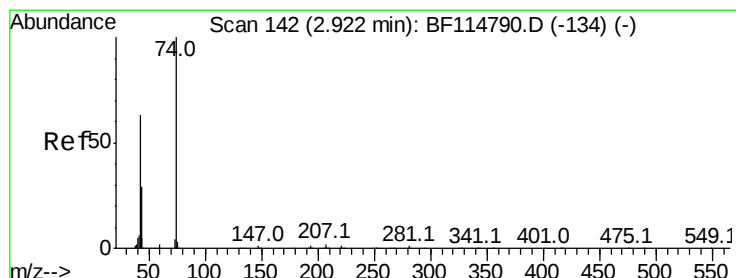
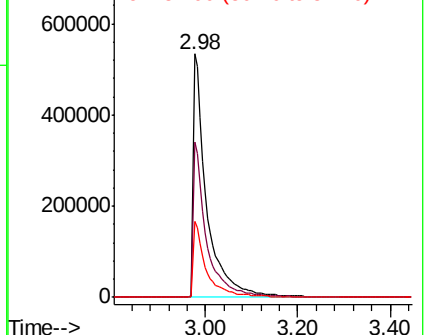
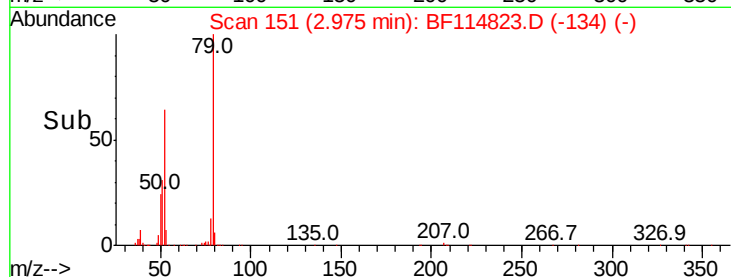
79 100

52 64.0 51.0 76.4

51 31.4 25.7 38.5



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: 42.434 ng

RT: 2.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

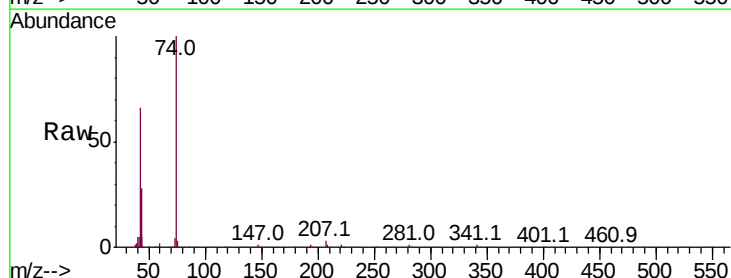
Tgt Ion: 42 Resp: 394873

Ion Ratio Lower Upper

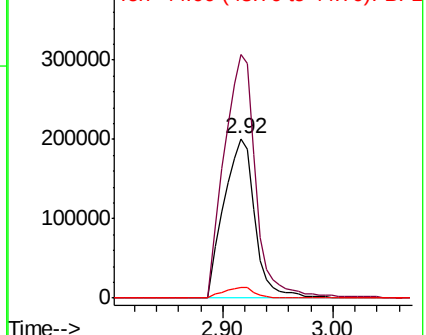
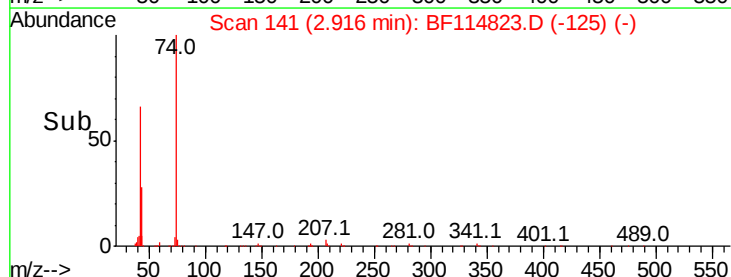
42 100

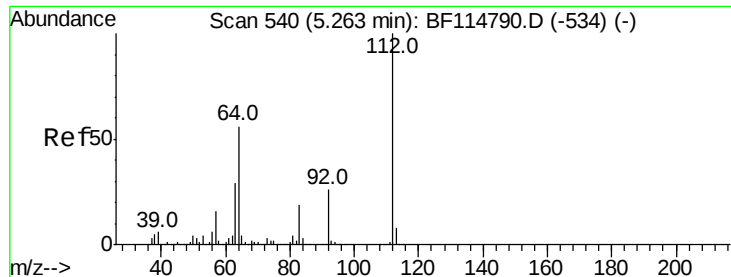
74 152.5 126.2 189.2

44 7.1 5.9 8.9



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: 85.578 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Instrument :

BNA_F

ClientSampleId :

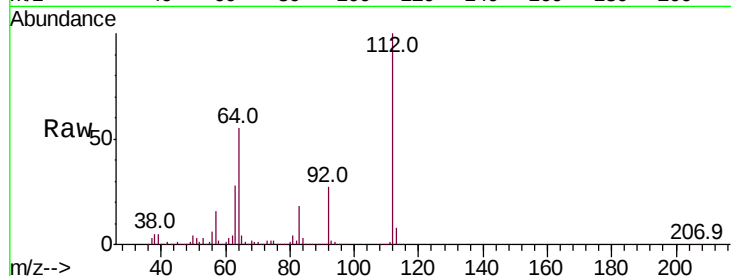
Tot Ion:112 Resp: 1658290

Ion Ratio Lower Upper

112 100

64 54.7 44.6 66.8

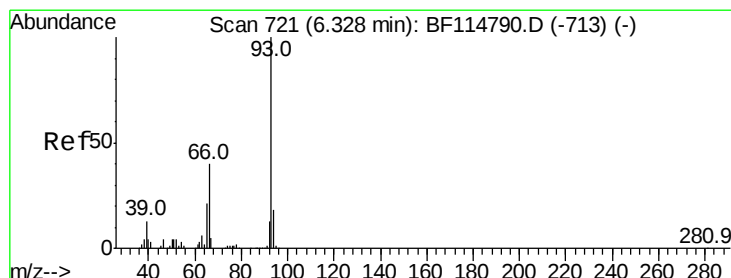
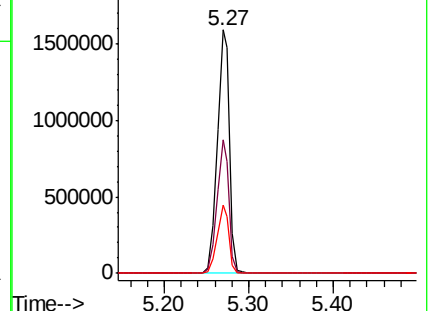
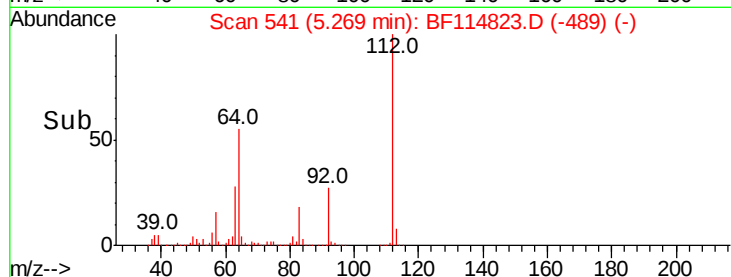
63 27.8 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.590 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

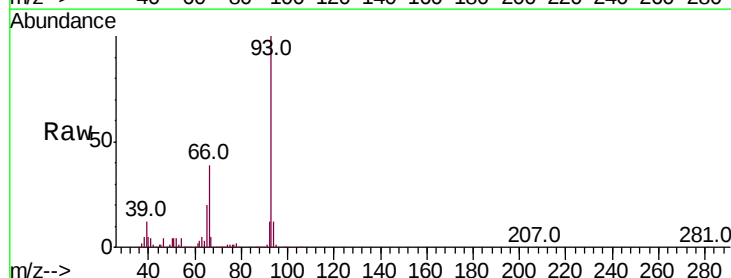
Tgt Ion: 93 Resp: 1424904

Ion Ratio Lower Upper

93 100

66 39.3 32.8 49.2

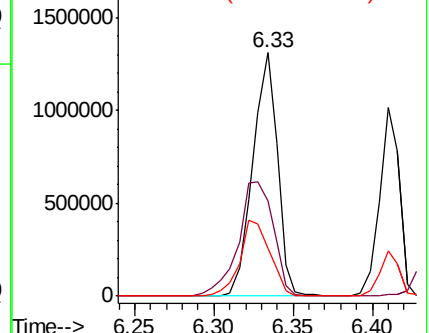
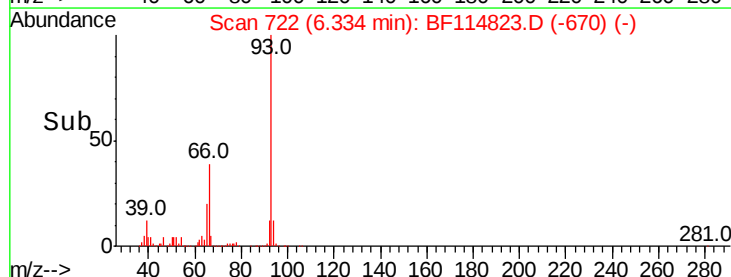
65 19.8 16.9 25.3

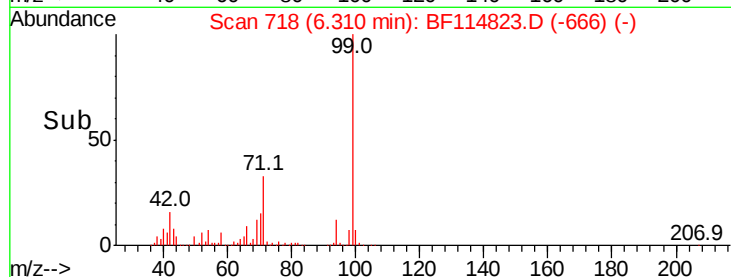
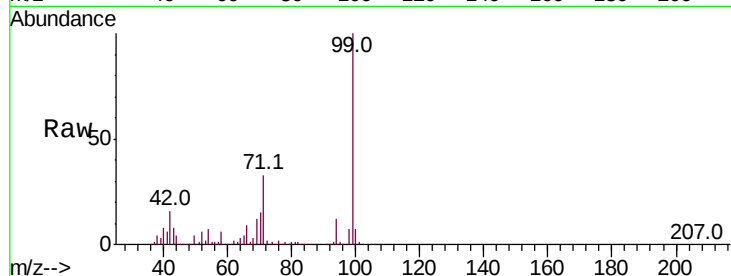
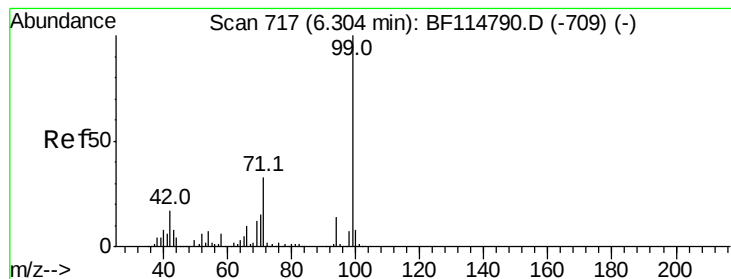


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.810 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

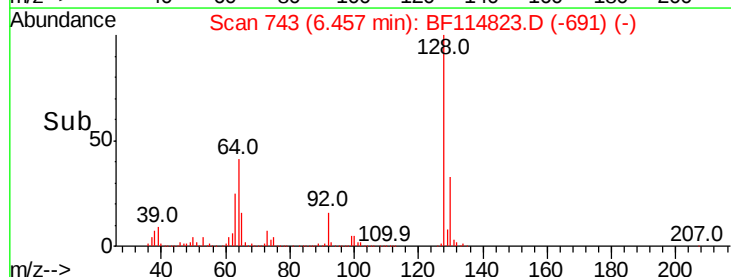
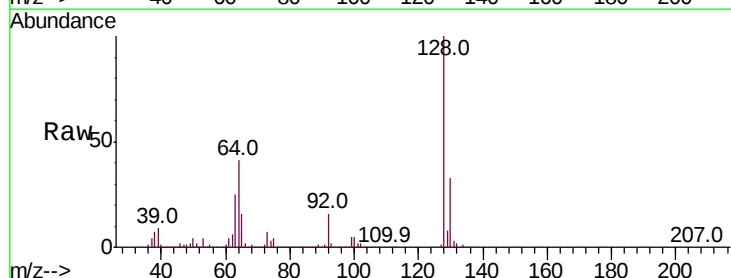
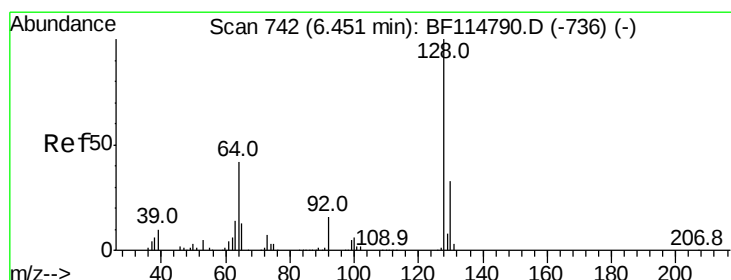
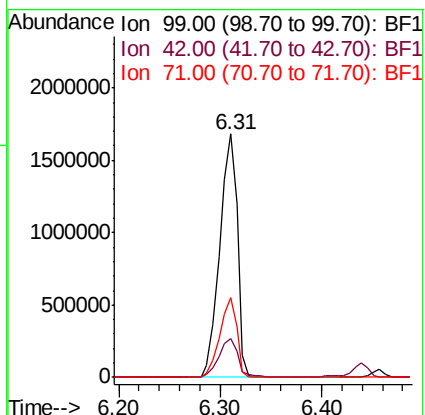
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2023267

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.3	19.9
71	32.5	26.3	39.5



#8

2-Chlorophenol

Concen: 42.331 ng

RT: 6.46 min Scan# 743

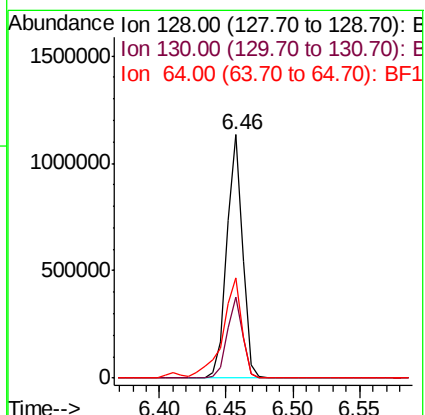
Delta R.T. 0.01 min

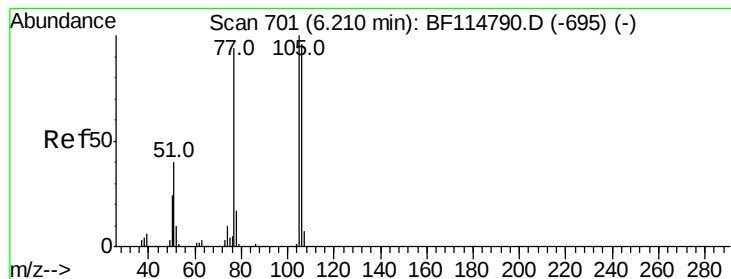
Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Tgt Ion: 128 Resp: 947730

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.7	52.7
64	41.2	22.5	62.5





#9

Benzaldehyde

Concen: 41.111 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Instrument :

BNA_F

ClientSampleId :

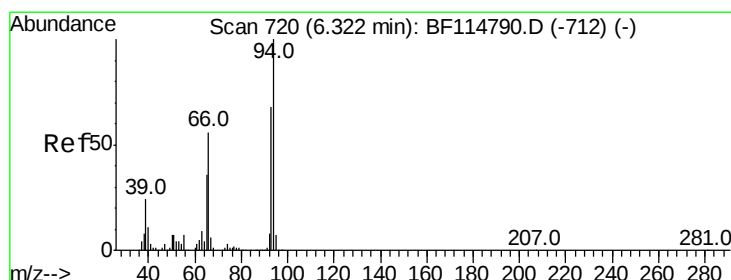
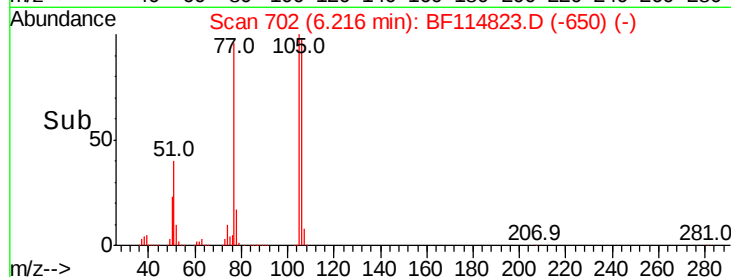
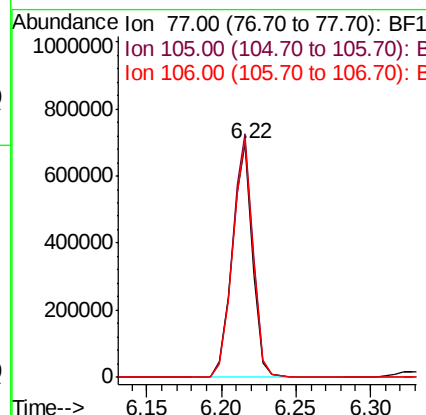
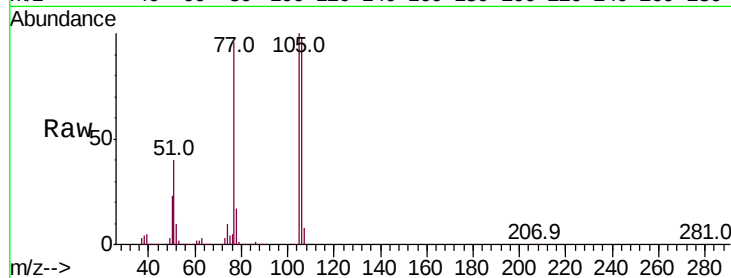
Tot Ion: 77 Resp: 672390

Ion Ratio Lower Upper

77 100

105 104.1 85.8 125.8

106 101.9 81.6 121.6



#10

Phenol

Concen: 42.365 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

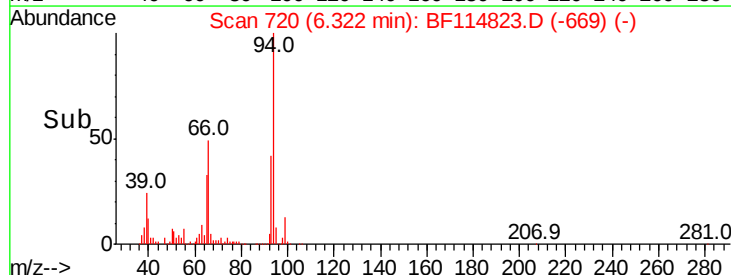
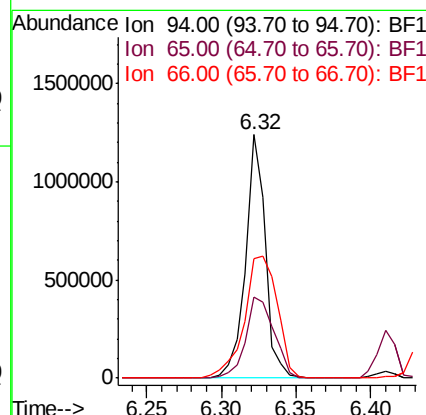
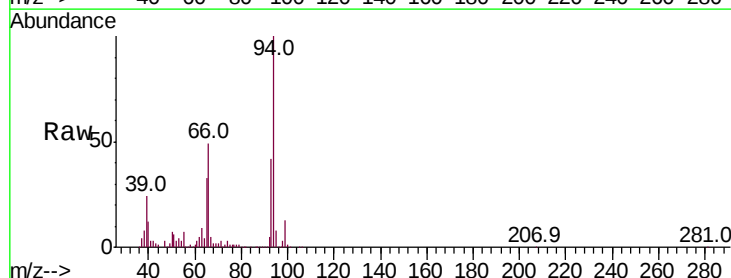
Tgt Ion: 94 Resp: 1142300

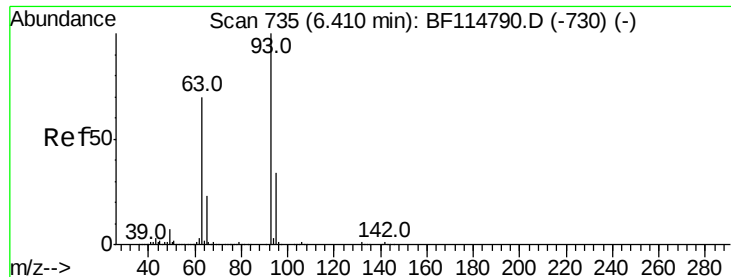
Ion Ratio Lower Upper

94 100

65 33.2 16.1 56.1

66 49.1 36.3 76.3





#11

bis(2-Chloroethyl)ether

Concen: 41.971 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Instrument :

BNA_F

ClientSampleId :

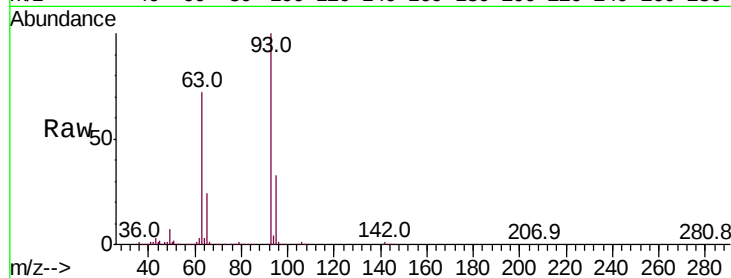
Tot Ion: 93 Resp: 883212

Ion Ratio Lower Upper

93 100

63 72.4 49.6 89.6

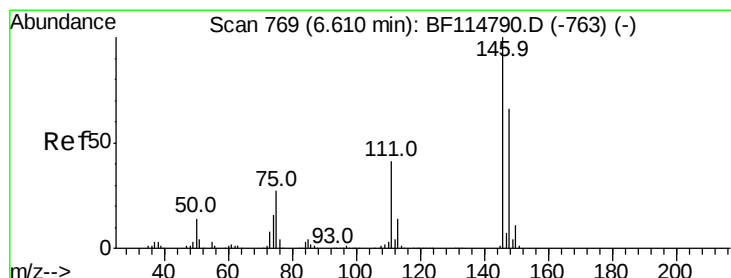
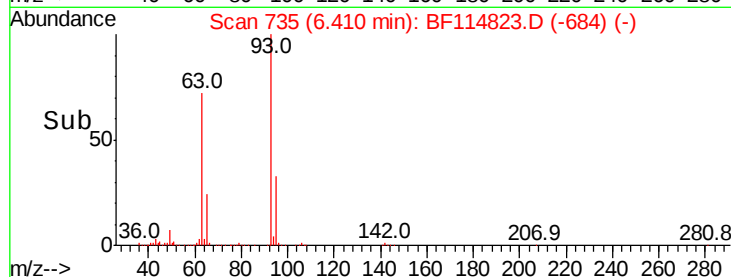
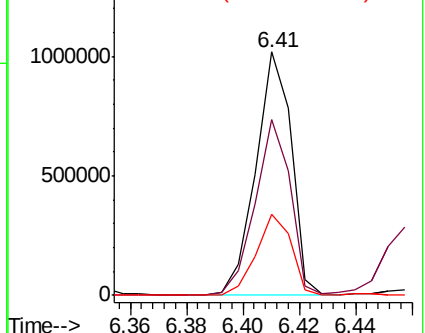
95 33.3 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.586 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

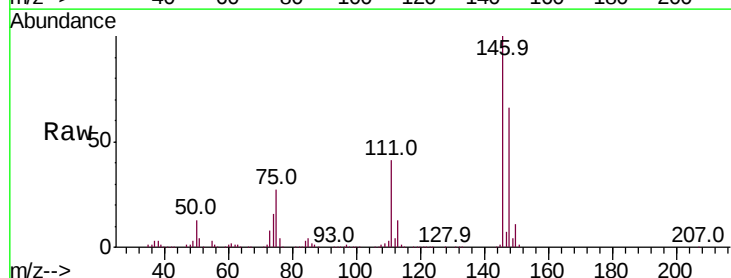
Tgt Ion:146 Resp: 1084915

Ion Ratio Lower Upper

146 100

148 65.9 52.7 79.1

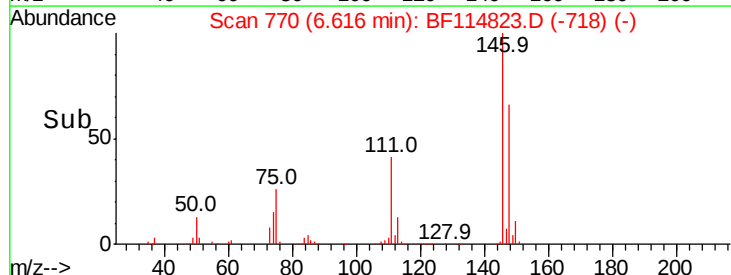
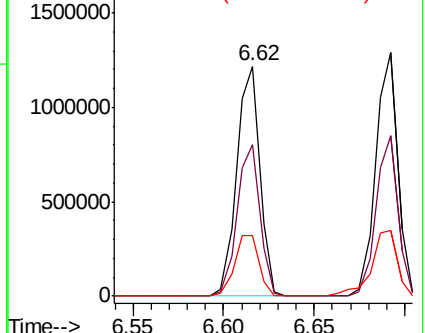
75 26.7 22.0 33.0

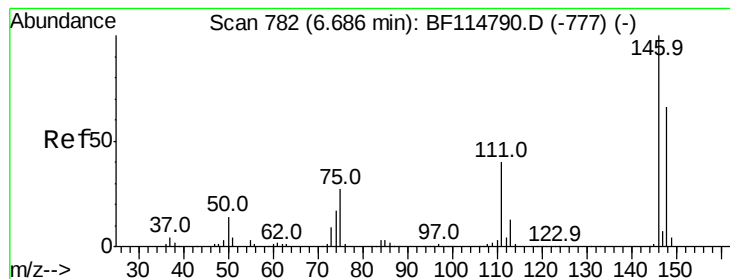


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.606 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Instrument :

BNA_F

ClientSampled :

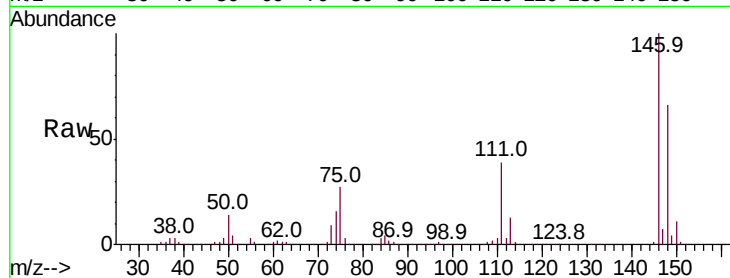
Tot Ion:146 Resp: 1092199

Ion Ratio Lower Upper

146 100

148 65.7 53.0 79.4

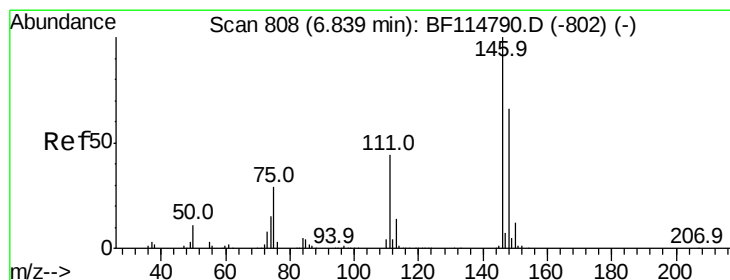
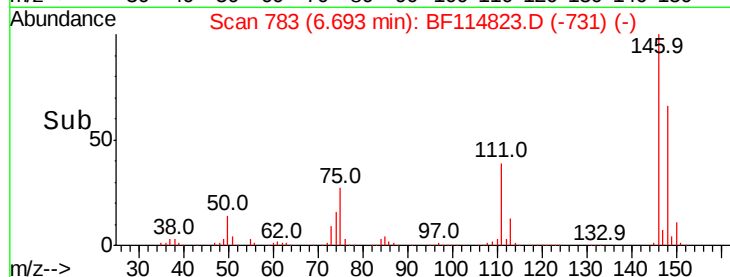
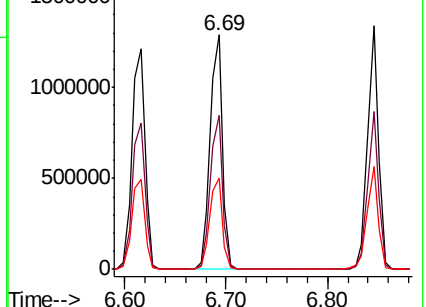
111 39.0 32.2 48.4



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: 42.684 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

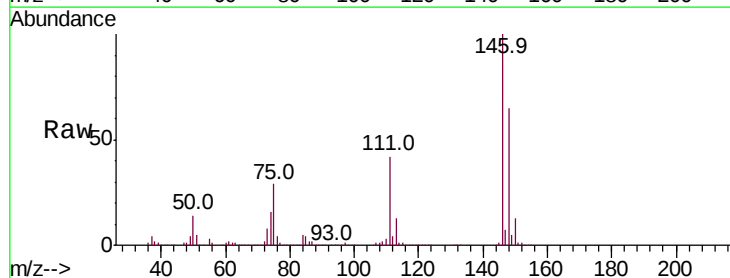
Tgt Ion:146 Resp: 1011950

Ion Ratio Lower Upper

146 100

148 64.9 52.5 78.7

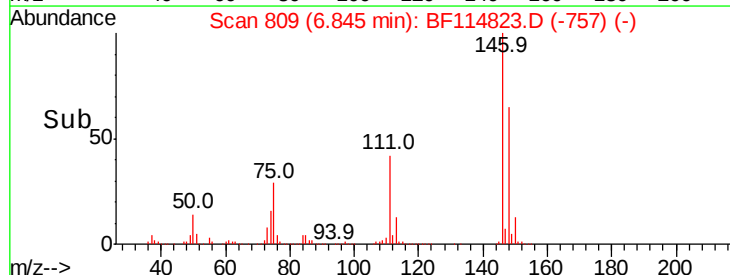
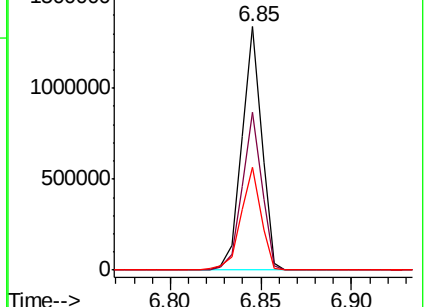
111 42.3 34.8 52.2

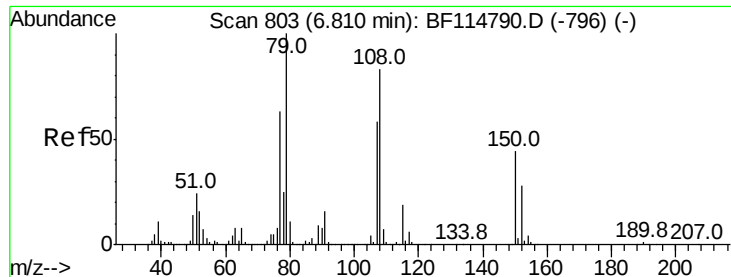


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.686 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Instrument :

BNA_F

ClientSampled :

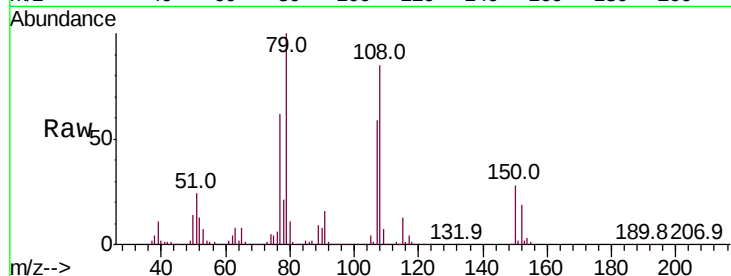
Tot Ion: 79 Resp: 761121

Ion Ratio Lower Upper

79 100

108 84.7 66.8 100.2

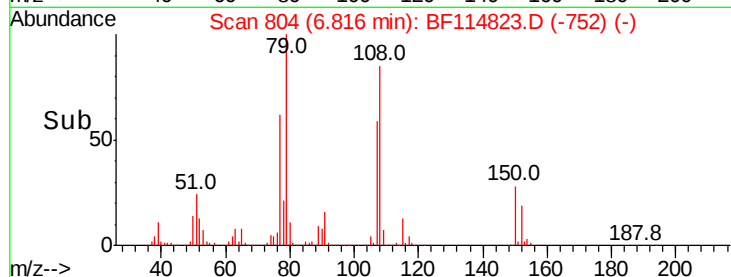
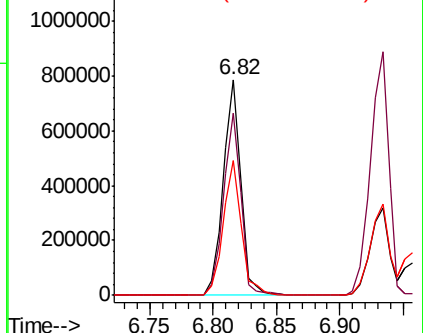
77 62.4 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.081 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

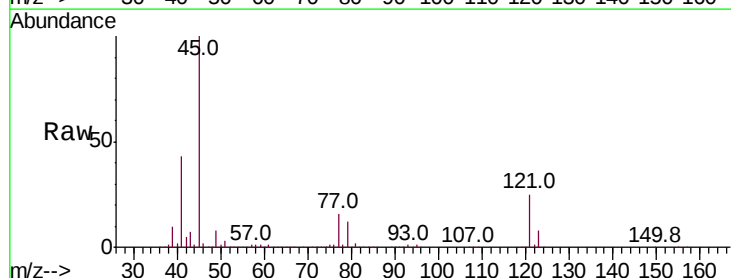
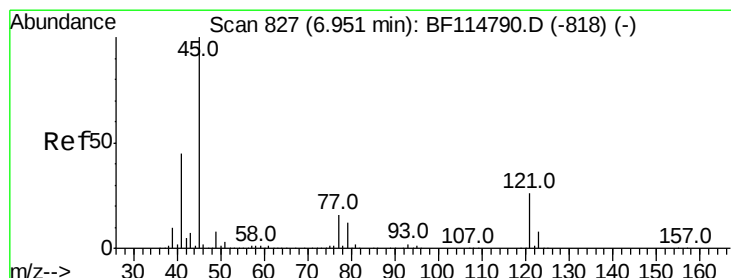
Tgt Ion: 45 Resp: 1266469

Ion Ratio Lower Upper

45 100

77 15.5 0.0 35.8

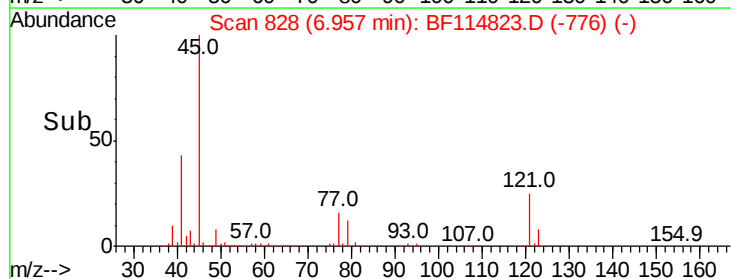
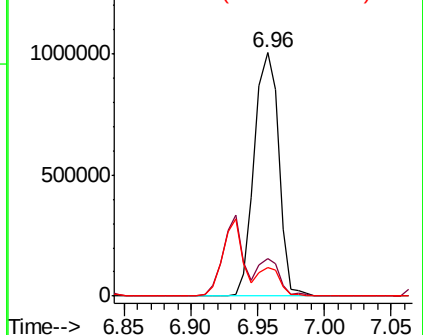
79 11.8 0.0 32.0

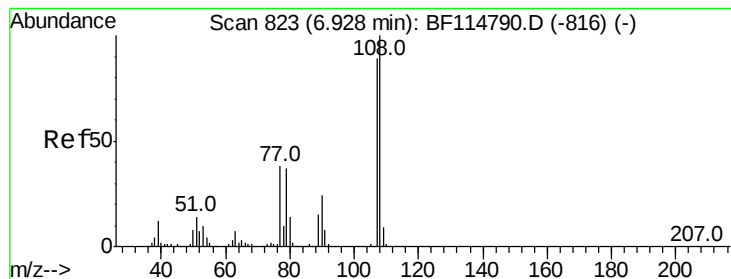


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.650 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 777937

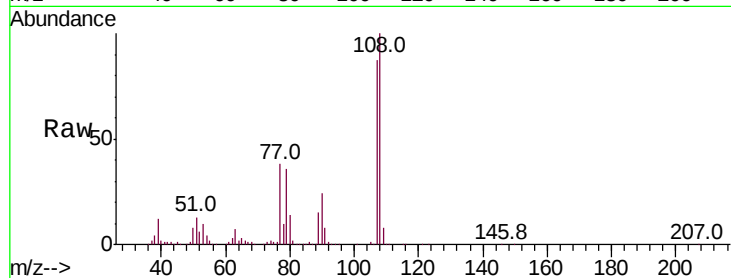
Ion Ratio Lower Upper

107 100

108 114.6 90.2 135.2

77 43.0 34.5 51.7

79 41.2 33.8 50.6

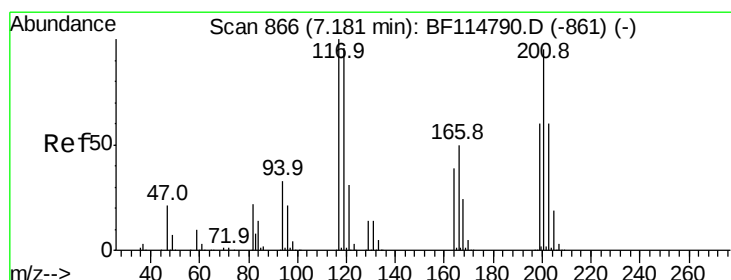
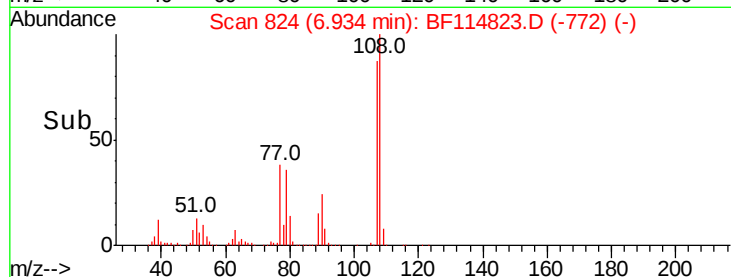
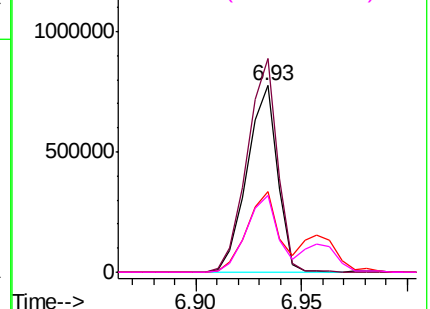


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.844 ng

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

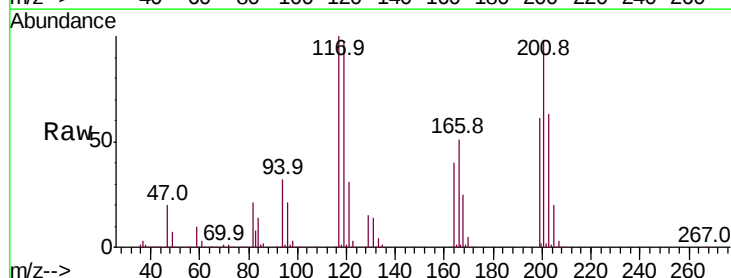
Tgt Ion:117 Resp: 393684

Ion Ratio Lower Upper

117 100

119 96.7 77.0 115.4

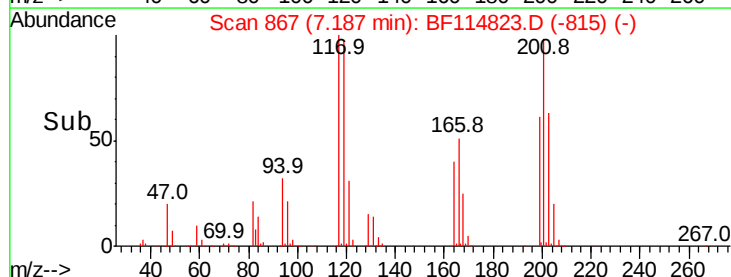
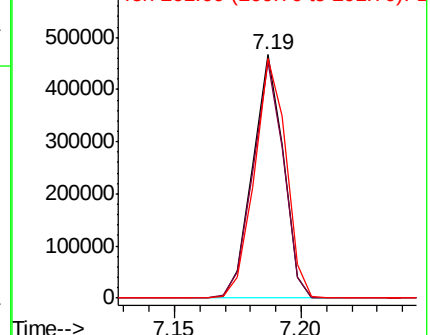
201 98.5 76.0 114.0

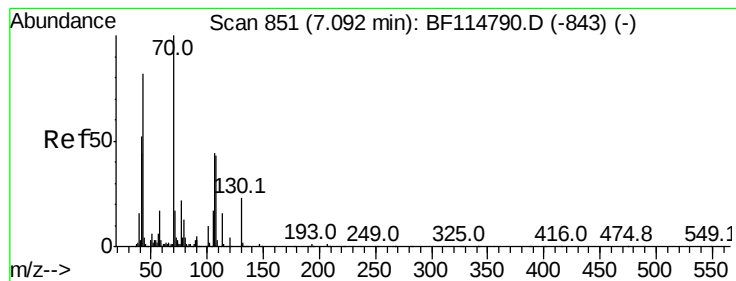


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.623 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 618440

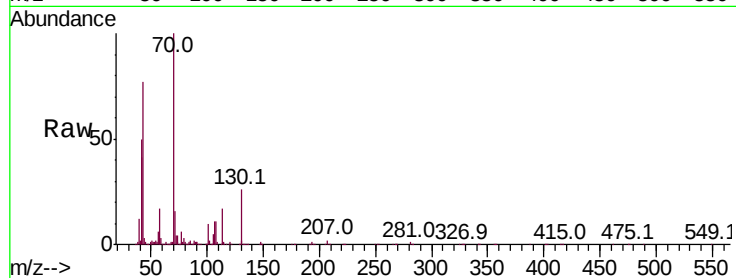
Ion	Ratio	Lower	Upper
70	100		
42	50.5	41.8	62.8
101	10.5	8.2	12.4
130	25.5	18.5	27.7

70 100

42 50.5 41.8 62.8

101 10.5 8.2 12.4

130 25.5 18.5 27.7

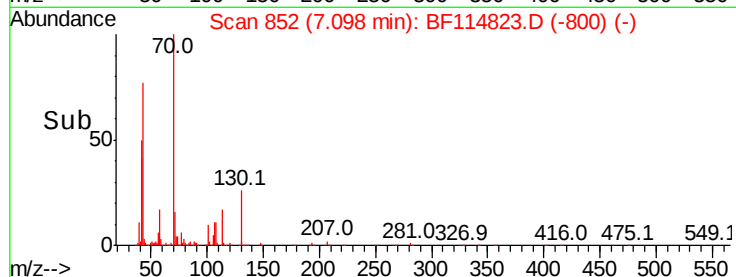


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->

7.00 7.05 7.10 7.15 7.20

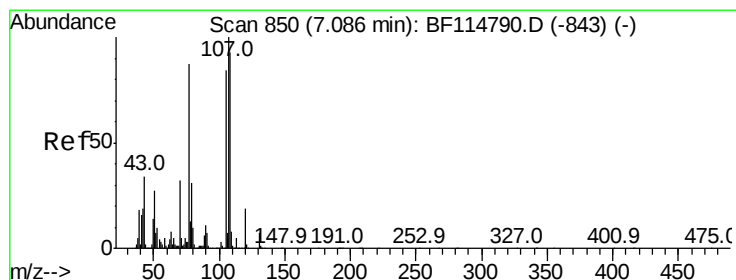
7.10

600000

400000

200000

0



#20

3+4-Methylphenols

Concen: 41.663 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Tgt Ion: 107 Resp: 879424

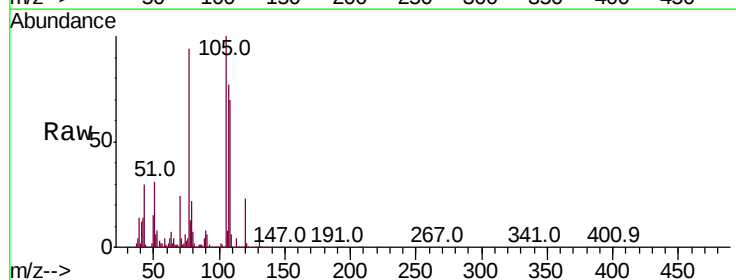
Ion	Ratio	Lower	Upper
107	100		
108	90.1	73.5	113.5
77	122.0	67.2	107.2#
79	28.0	10.6	50.6

107 100

108 90.1 73.5 113.5

77 122.0 67.2 107.2#

79 28.0 10.6 50.6

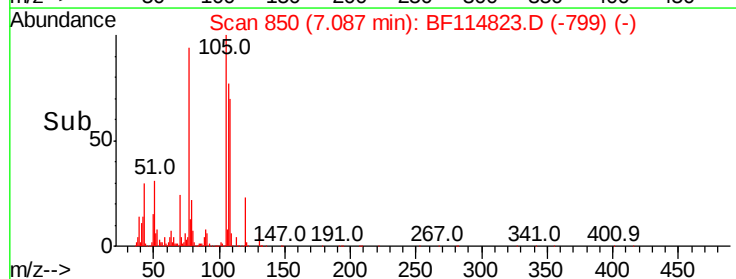


Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->

7.00 7.05 7.10 7.15 7.20

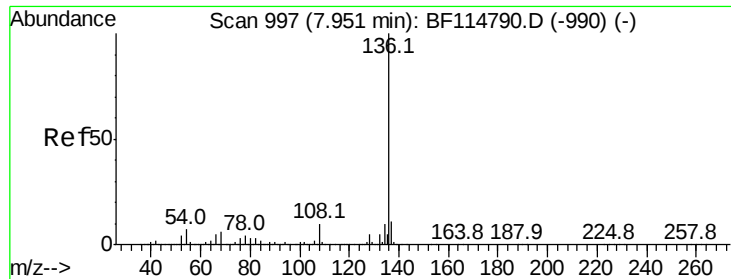
7.09

1500000

1000000

500000

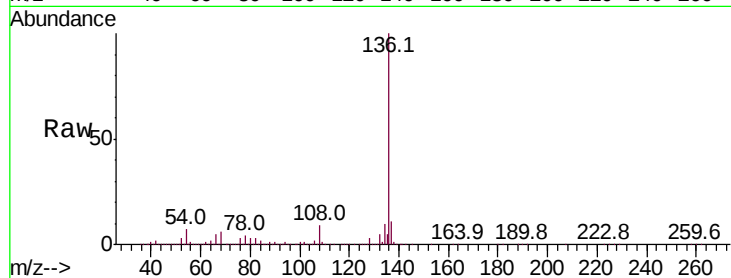
0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	1360815
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.7	5.4	8.0
68	6.1	4.6	6.8



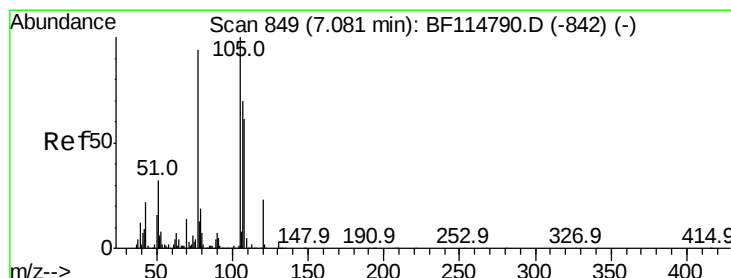
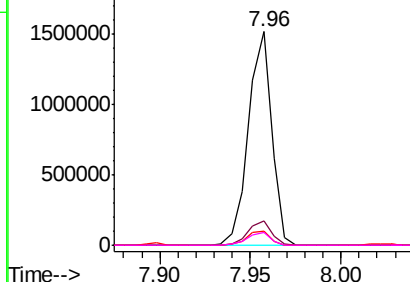
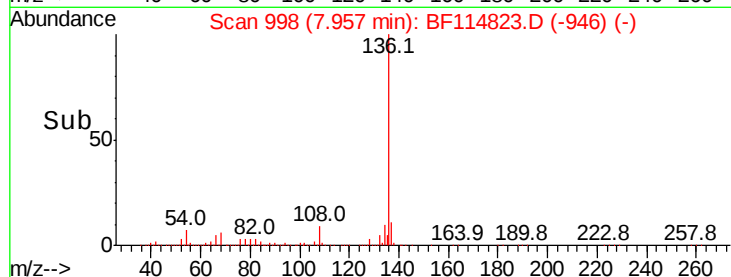
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

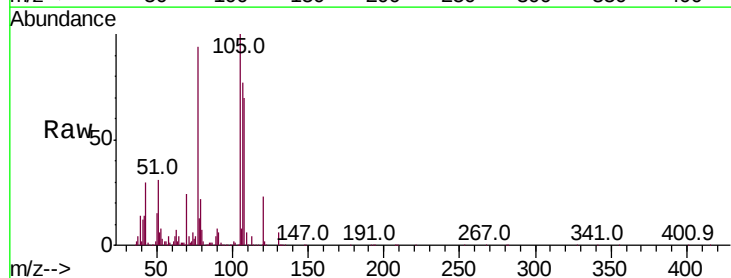
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.248 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Tgt Ion:	105	Resp:	1205830
Ion	Ratio	Lower	Upper
105	100		
71	4.2	2.0	3.0#
51	30.9	25.4	38.0
120	23.3	18.7	28.1



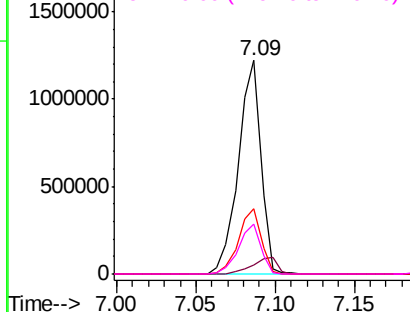
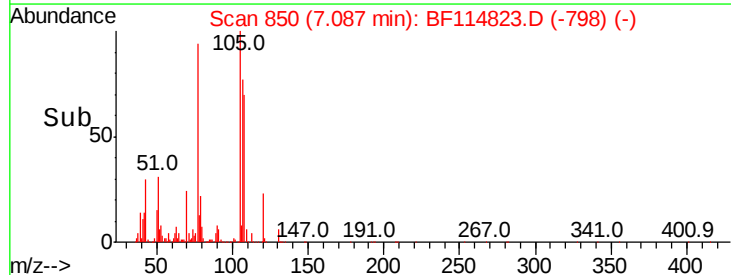
Abundance

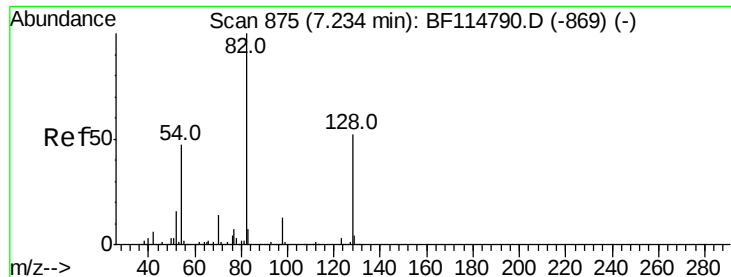
Ion 105.00 (104.70 to 105.70): E

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

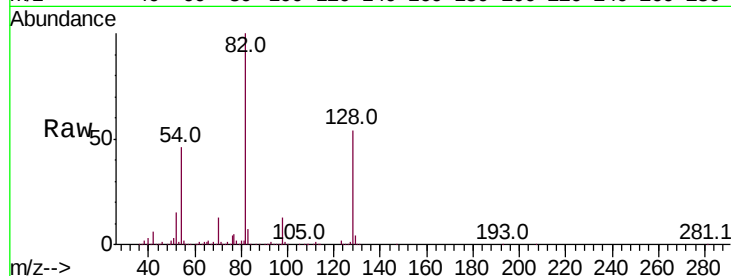




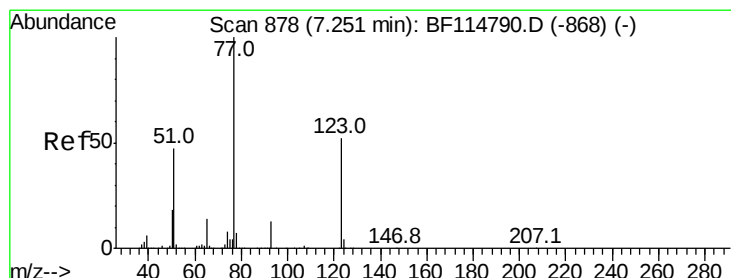
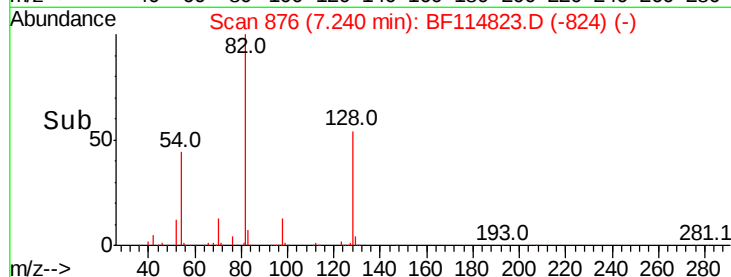
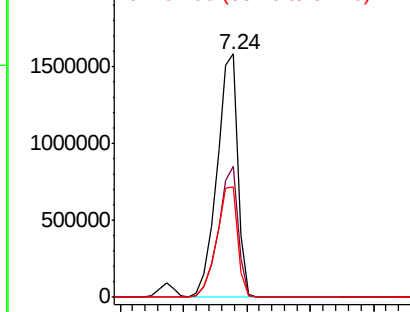
#23
Nitrobenzene-d5
Concen: 81.810 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1808487
Ion Ratio Lower Upper
82 100
128 53.7 41.8 62.6
54 45.5 37.9 56.9

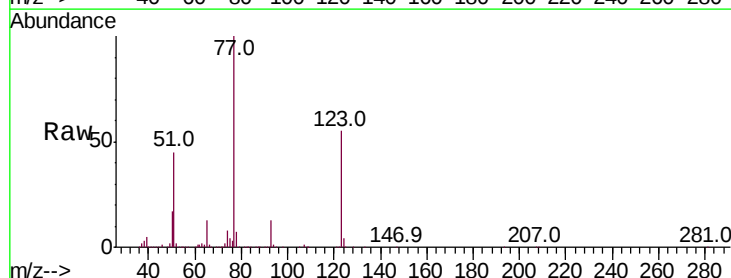


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

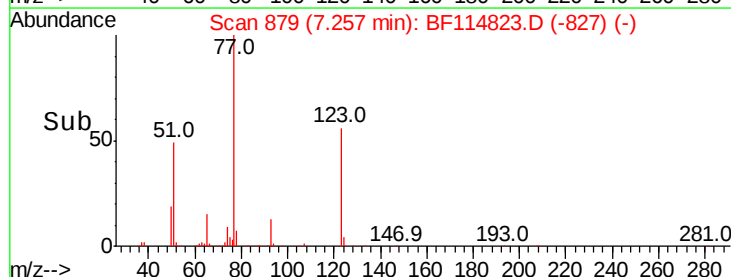
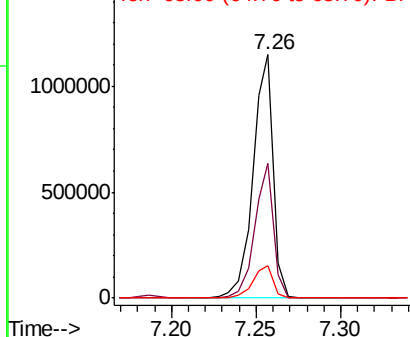


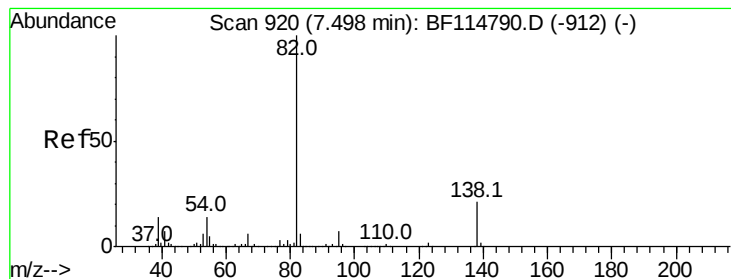
#24
Nitrobenzene
Concen: 41.857 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Tgt Ion: 77 Resp: 958565
Ion Ratio Lower Upper
77 100
123 55.3 41.5 62.3
65 13.2 10.8 16.2



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





#25

Isophorone

Concen: 39.576 ng

RT: 7.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Instrument :

BNA_F

ClientSampleId :

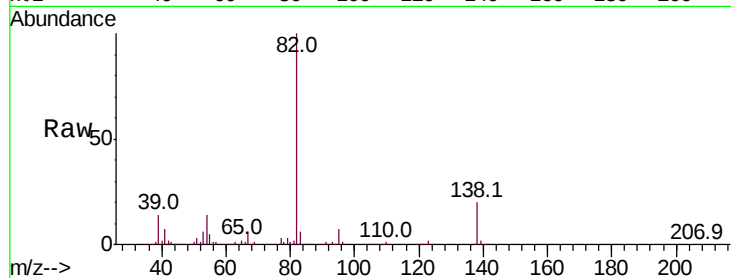
Tot Ion: 82 Resp: 1729551

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.8

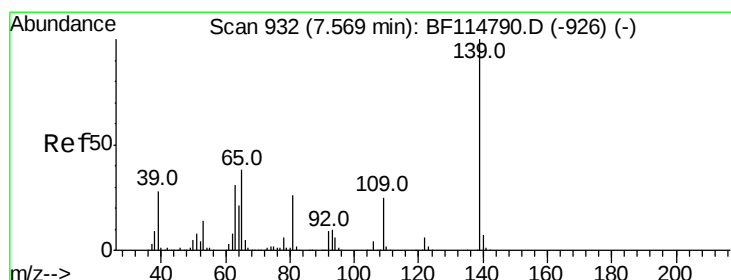
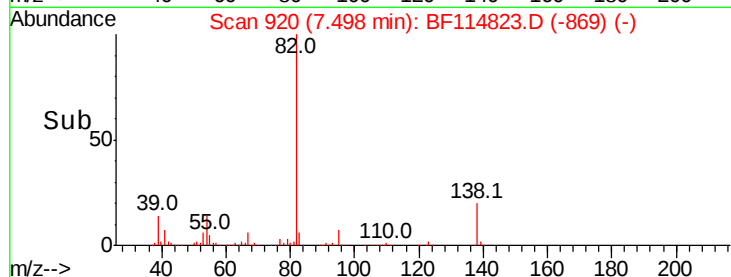
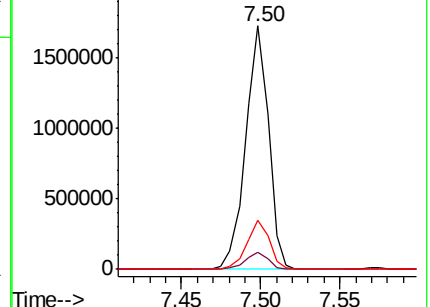
138 20.3 16.9 25.3



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: 41.701 ng

RT: 7.57 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

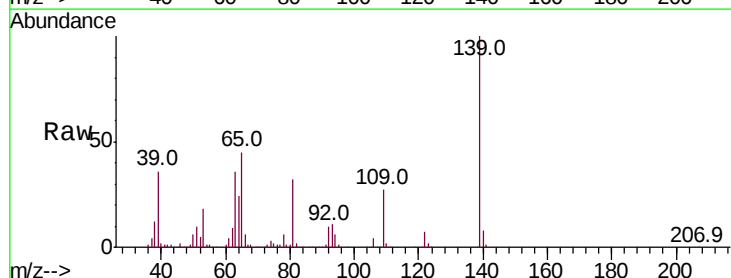
Tgt Ion: 139 Resp: 517245

Ion Ratio Lower Upper

139 100

109 27.2 20.4 30.6

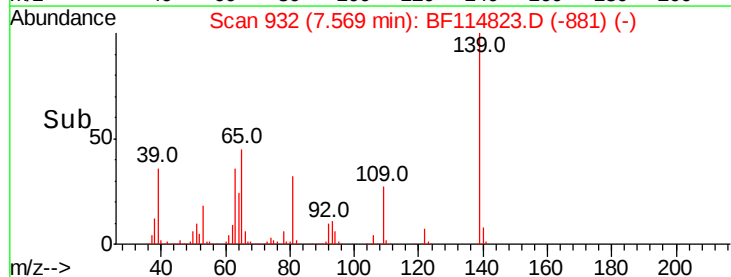
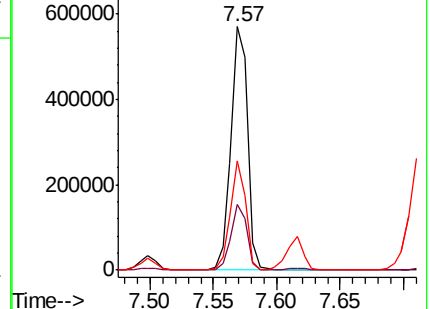
65 45.0 30.5 45.7

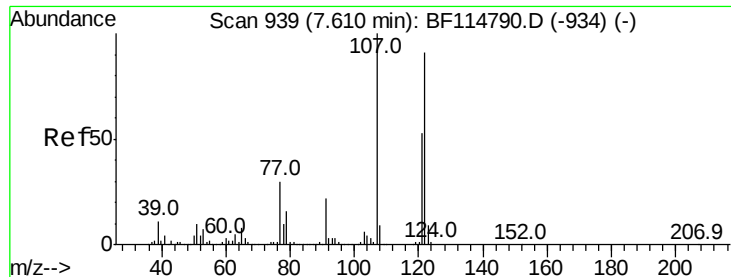


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

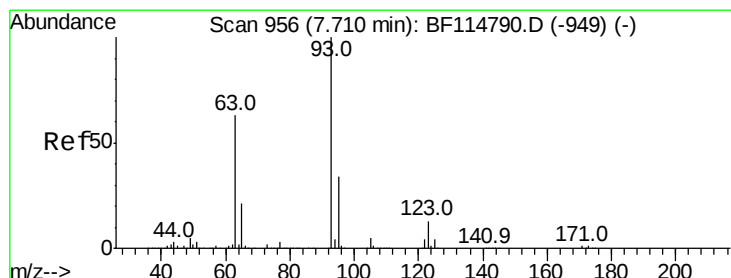
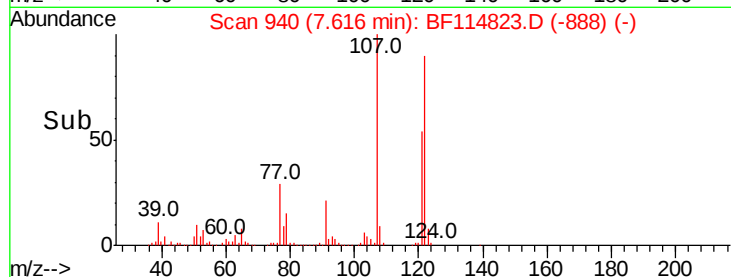
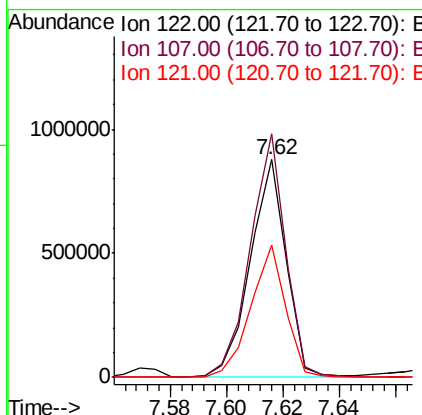
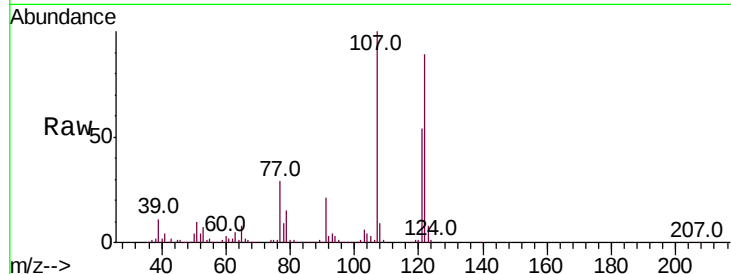




#27
 2,4-Dimethylphenol
 Concen: 40.957 ng
 RT: 7.62 min Scan# 940
 Delta R.T. 0.01 min
 Lab File: BF114823.D
 Acq: 5 Jun 2019 17:35

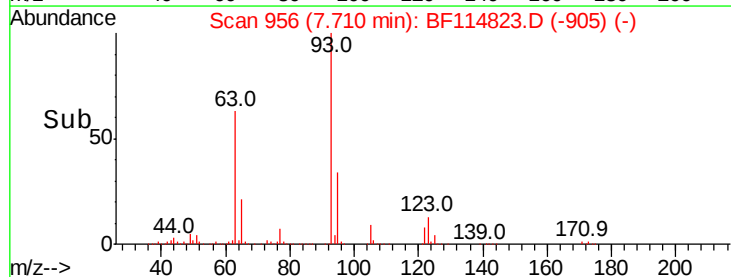
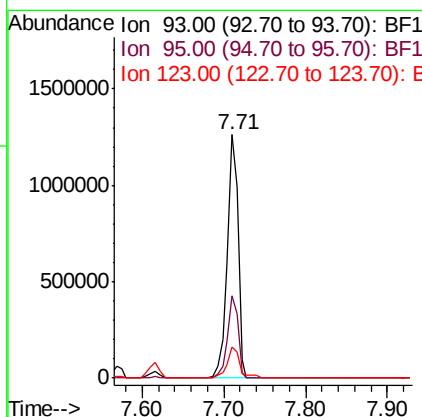
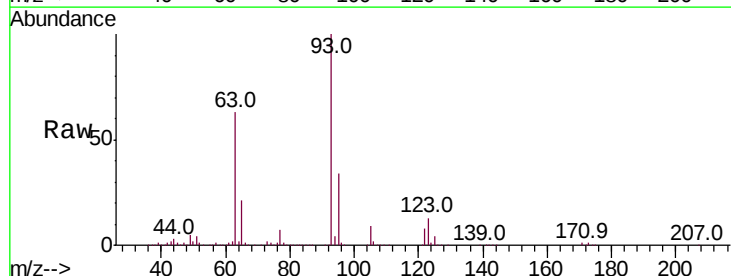
Instrument :
 BNA_F
 ClientSampleId :

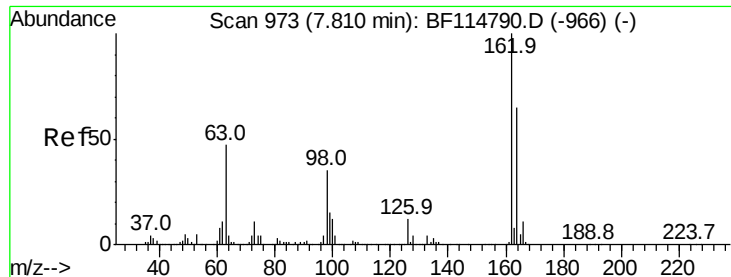
Tot Ion:122 Resp: 772137
 Ion Ratio Lower Upper
 122 100
 107 111.8 87.9 131.9
 121 60.6 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.922 ng
 RT: 7.71 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF114823.D
 Acq: 5 Jun 2019 17:35

Tgt Ion: 93 Resp: 1143197
 Ion Ratio Lower Upper
 93 100
 95 33.7 26.9 40.3
 123 12.6 10.4 15.6

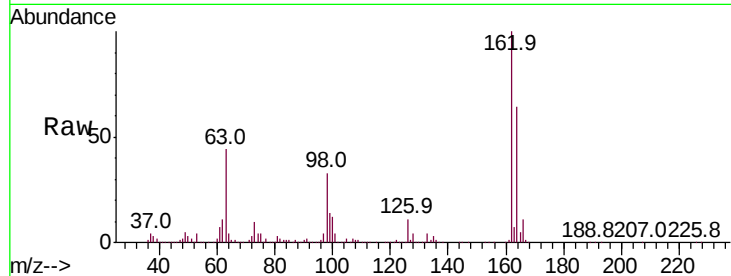




#29
2,4-Dichlorophenol
Concen: 41.527 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.1	85.1
98	32.9	14.6	54.6

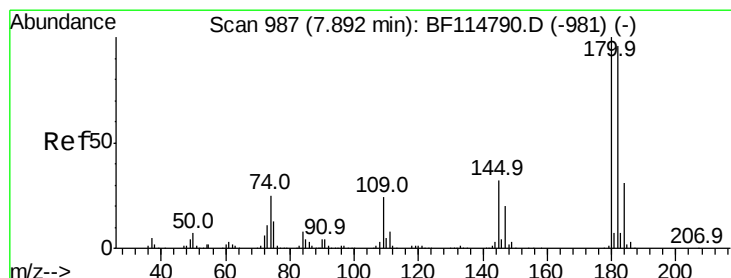
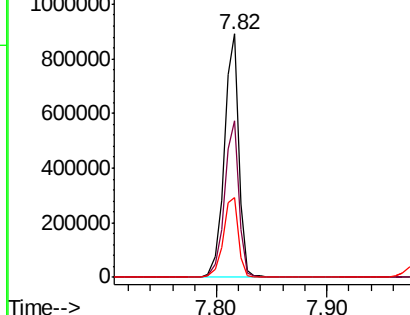
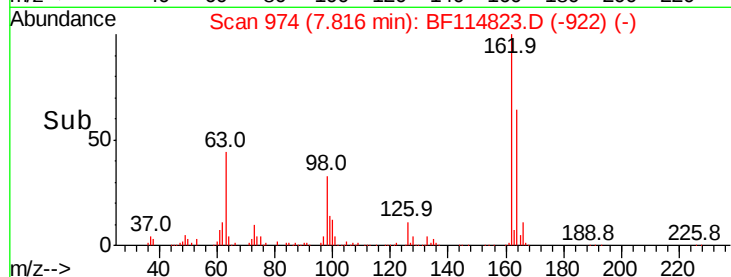


Abundance

Ion 162.00 (161.70 to 162.70): E

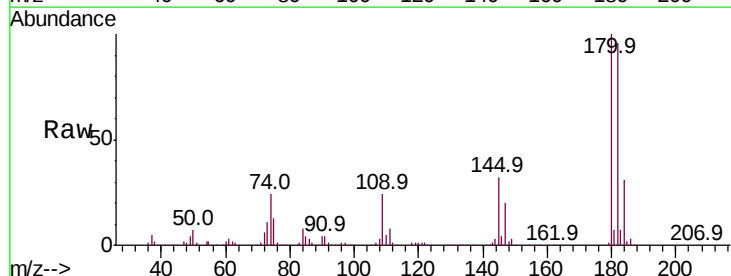
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.854 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.5	114.7
145	32.3	25.8	38.8

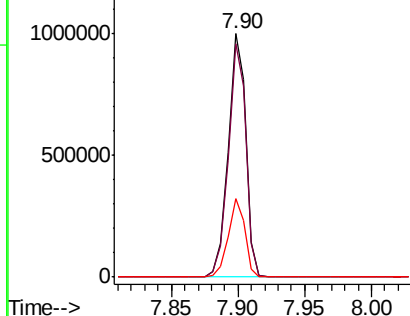
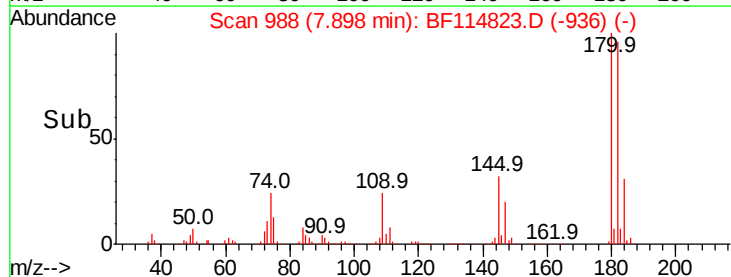


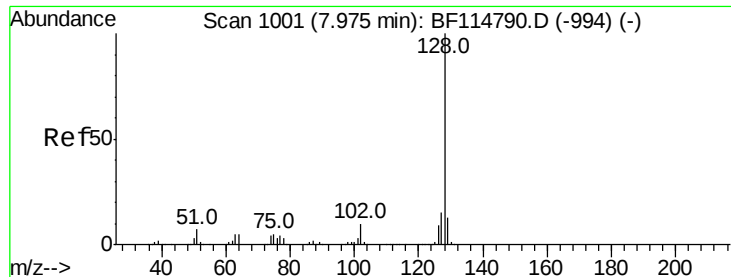
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

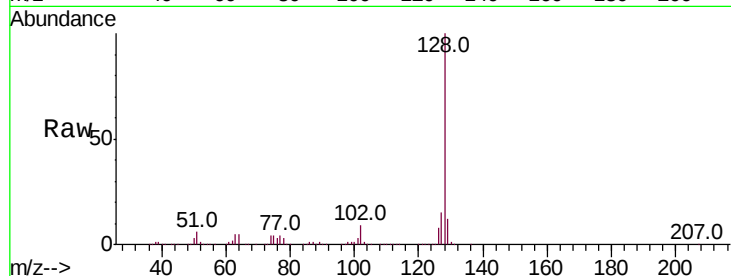




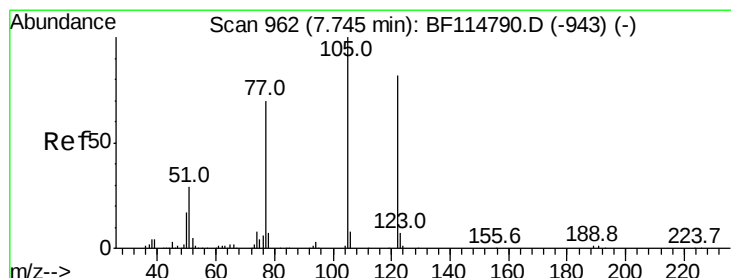
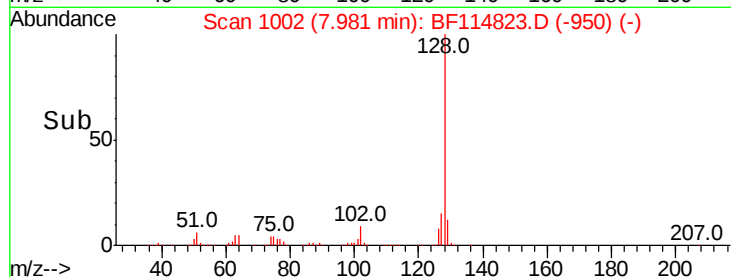
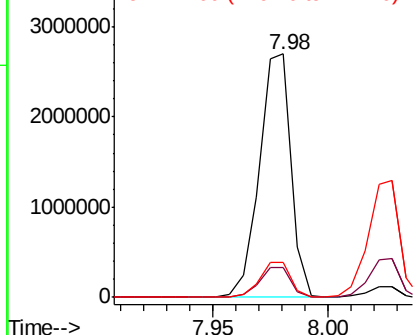
#31
Naphthalene
Concen: 42.255 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2588728
Ion Ratio Lower Upper
128 100
129 12.1 10.0 15.0
127 14.5 12.2 18.2

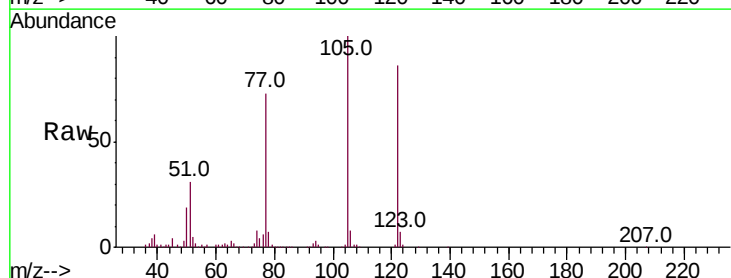


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

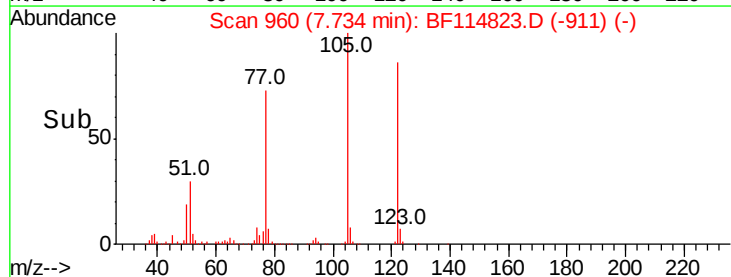
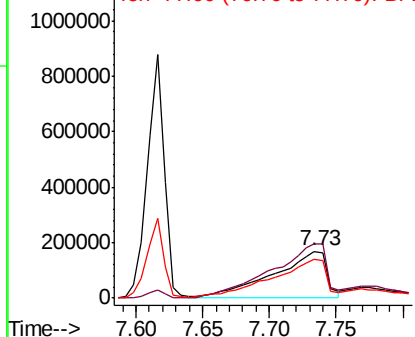


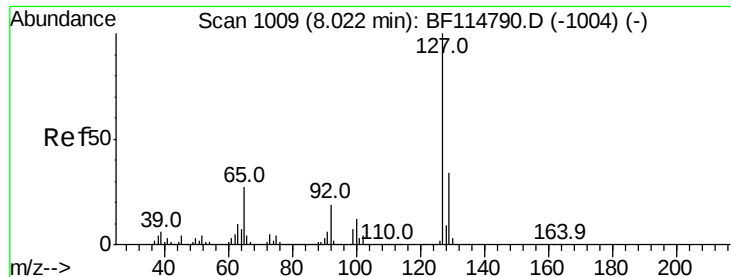
#32
Benzoic acid
Concen: 33.969 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Tgt Ion:122 Resp: 466424
Ion Ratio Lower Upper
122 100
105 116.2 98.7 138.7
77 84.6 64.8 104.8



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

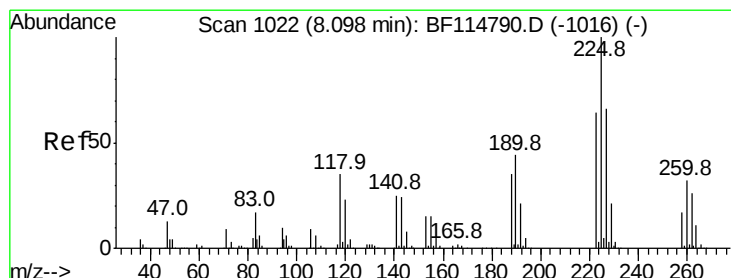
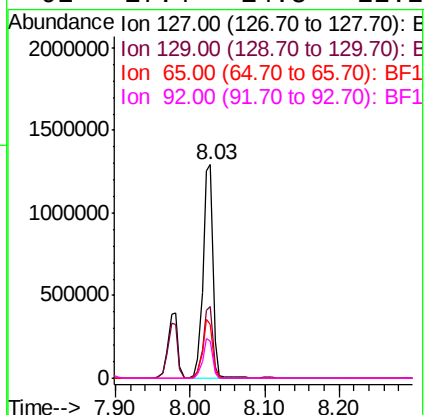
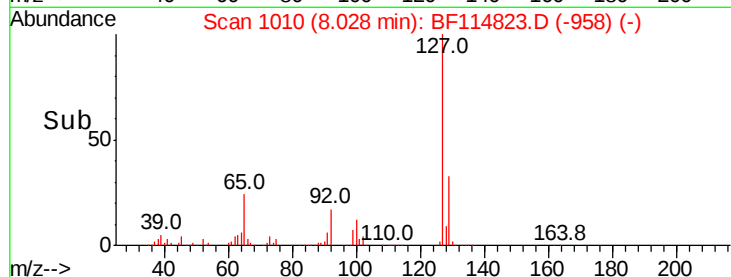
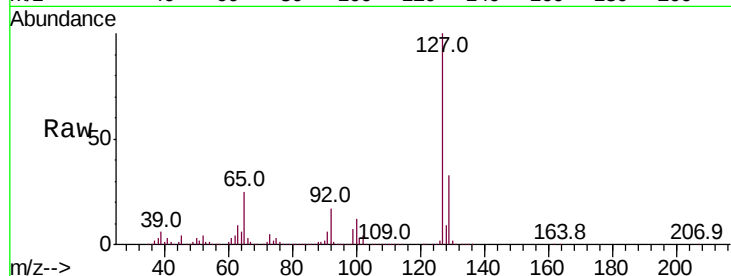




#33
4-Chloroaniline
Concen: 42.387 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

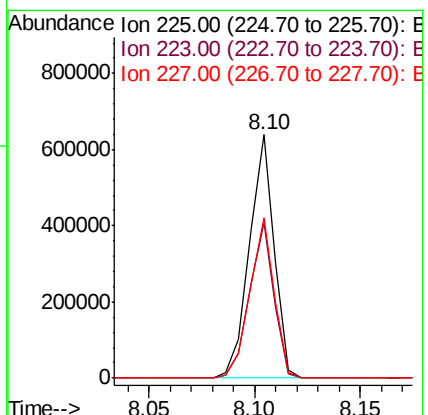
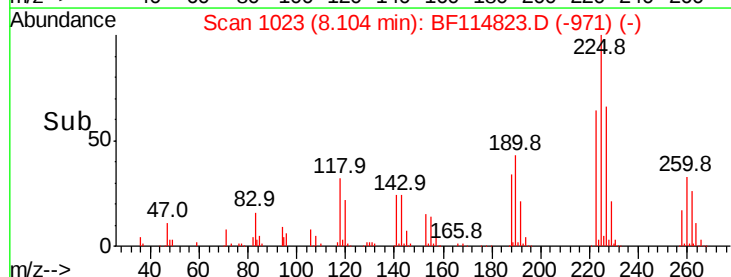
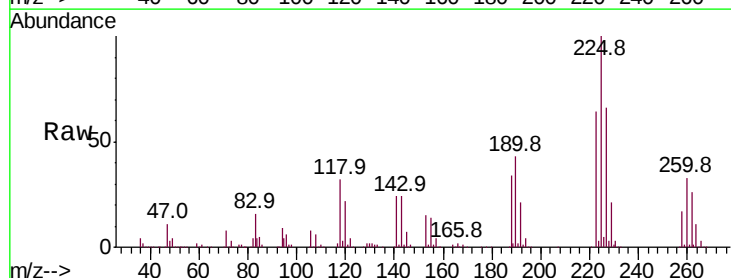
Instrument :
BNA_F
ClientSampleId :

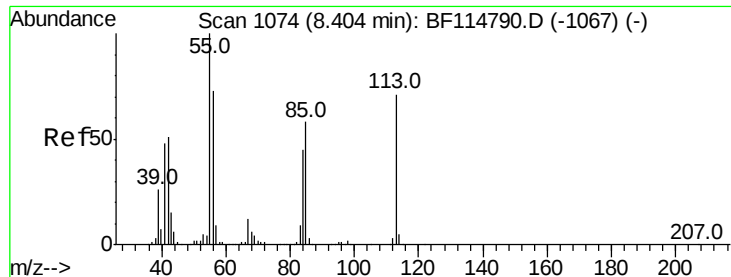
Tot Ion:127 Resp: 1238828
Ion Ratio Lower Upper
127 100
129 33.4 26.9 40.3
65 25.1 21.7 32.5
92 17.4 14.8 22.2



#34
Hexachlorobutadiene
Concen: 40.191 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Tgt Ion:225 Resp: 520025
Ion Ratio Lower Upper
225 100
223 63.6 51.0 76.6
227 66.0 52.6 78.8





#35

Caprolactam

Concen: 41.742 ng

RT: 8.40 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Instrument :

BNA_F

ClientSampleId :

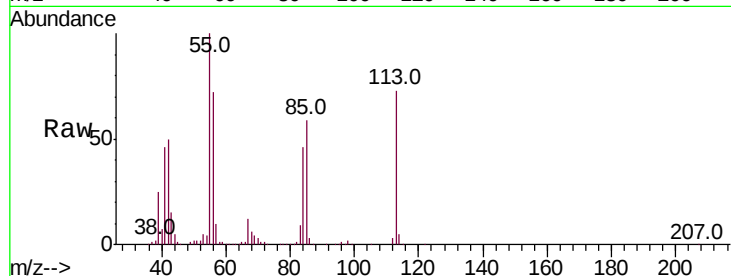
Tot Ion:113 Resp: 270459

Ion Ratio Lower Upper

113 100

55 137.6 121.1 161.1

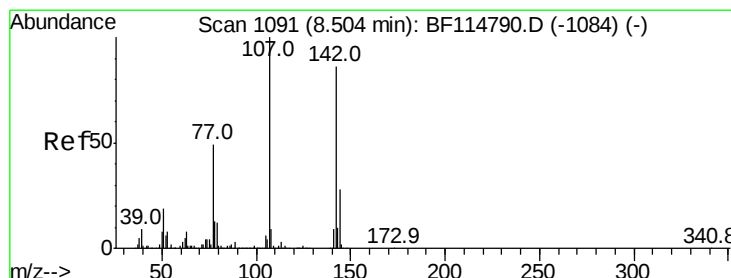
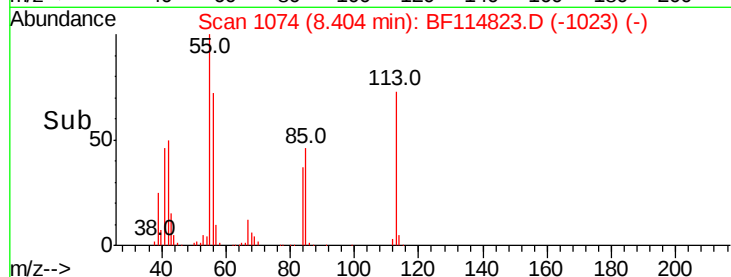
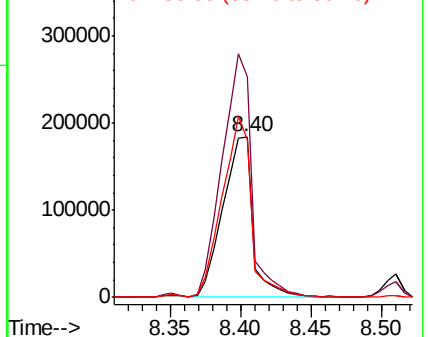
56 98.6 82.6 122.6



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: 40.934 ng

RT: 8.51 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

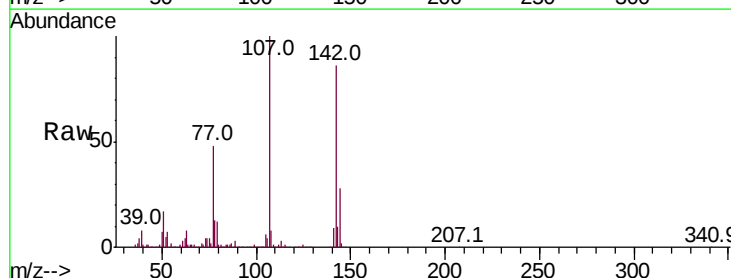
Tgt Ion:107 Resp: 807885

Ion Ratio Lower Upper

107 100

144 27.9 22.1 33.1

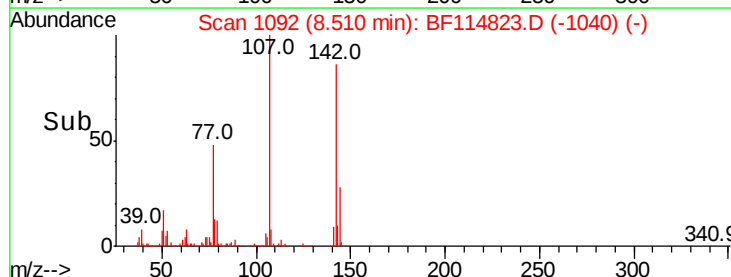
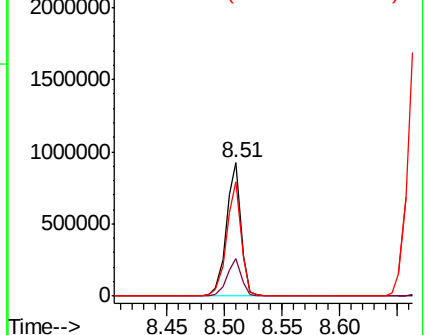
142 85.8 68.4 102.6

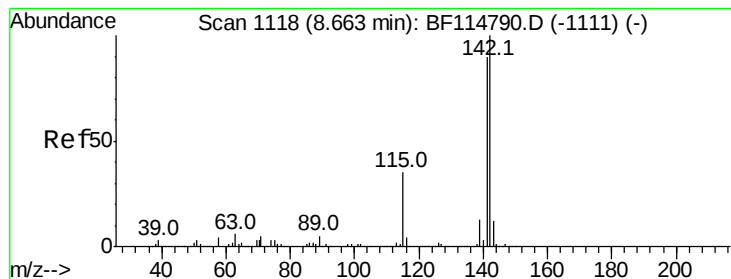


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.501 ng

RT: 8.67 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Instrument :

BNA_F

ClientSampleId :

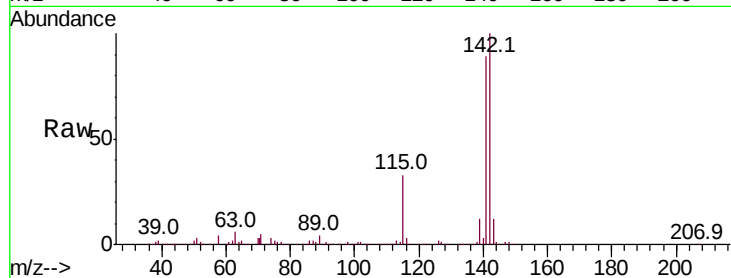
Tot Ion:142 Resp: 1763523

Ion Ratio Lower Upper

142 100

141 89.0 71.6 107.4

115 33.1 28.2 42.4

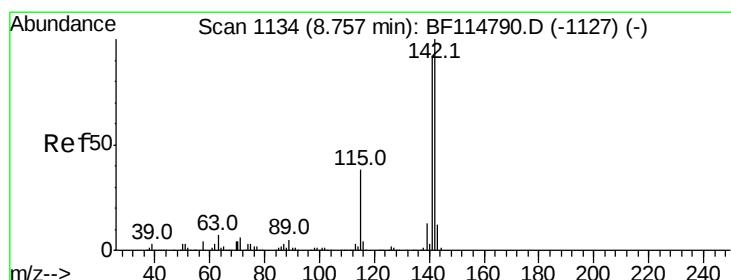
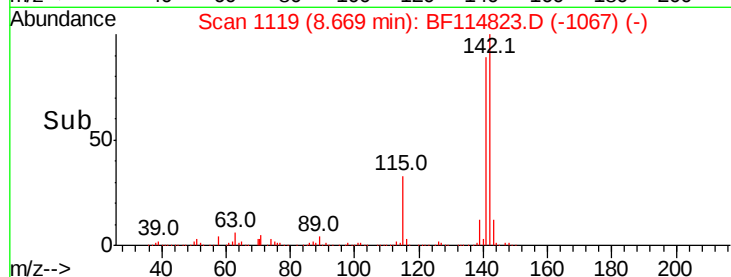
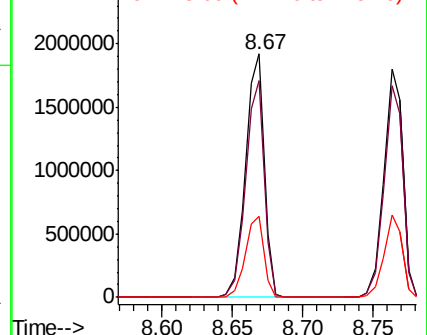


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.461 ng

RT: 8.76 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

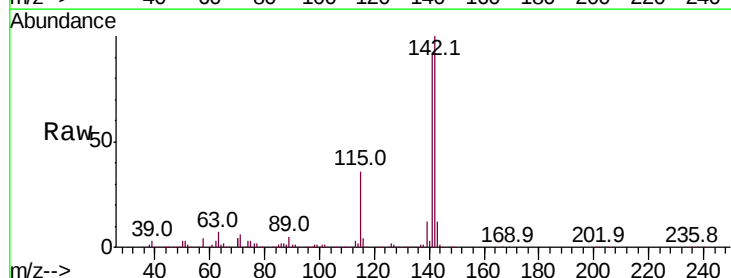
Tgt Ion:142 Resp: 1670823

Ion Ratio Lower Upper

142 100

141 92.3 73.8 110.6

116 3.9 3.3 4.9

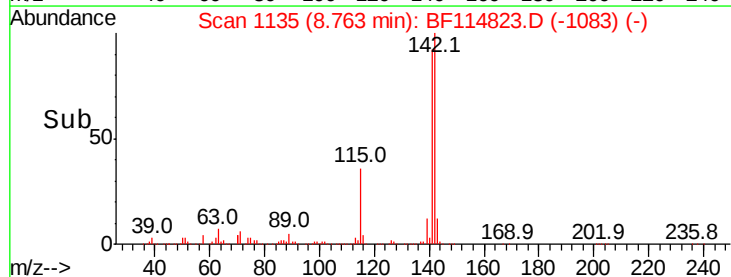
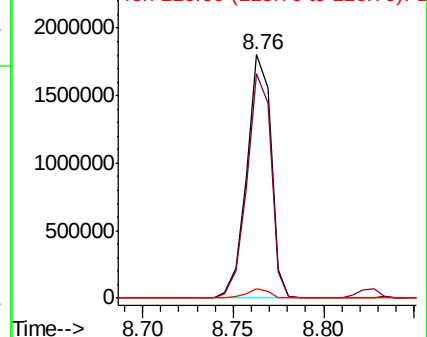


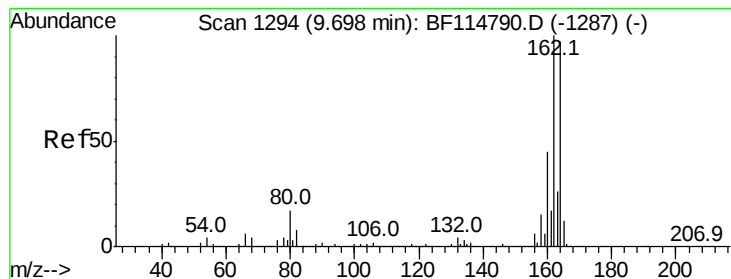
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Instrument :

BNA_F

ClientSampled :

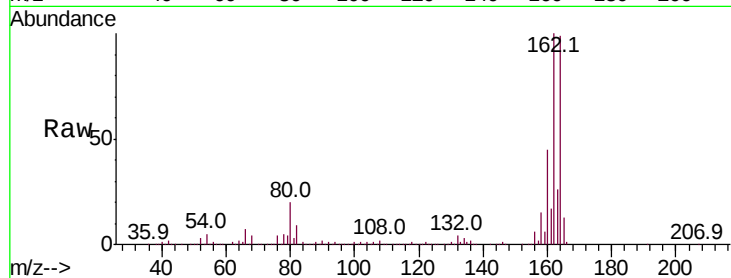
Tot Ion:164 Resp: 672535

Ion Ratio Lower Upper

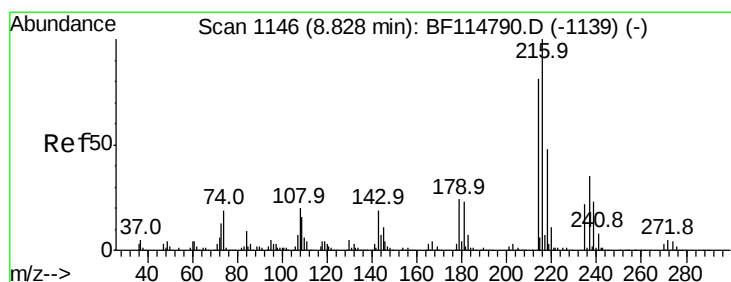
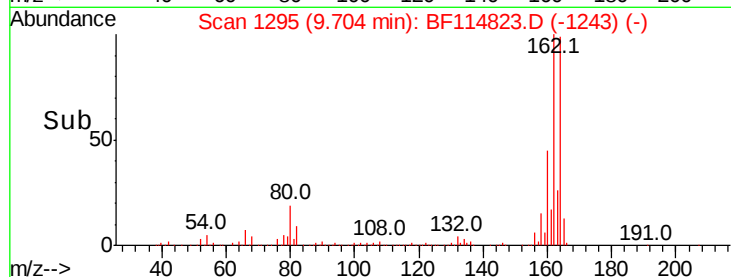
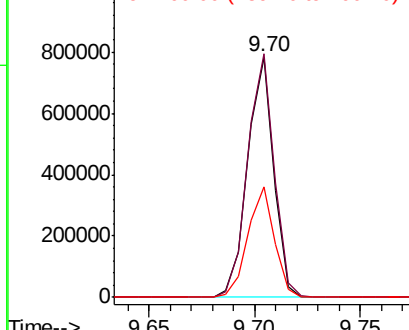
164 100

162 101.3 82.3 123.5

160 45.8 36.7 55.1



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.143 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Tgt Ion:216 Resp: 797409

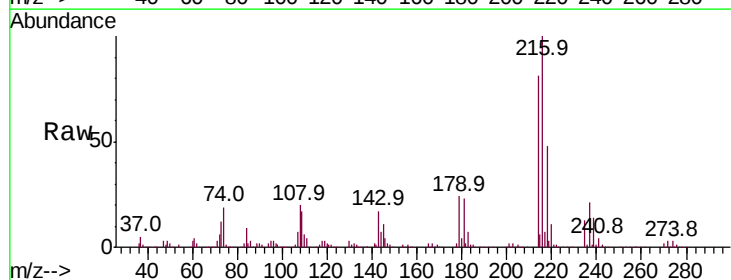
Ion Ratio Lower Upper

216 100

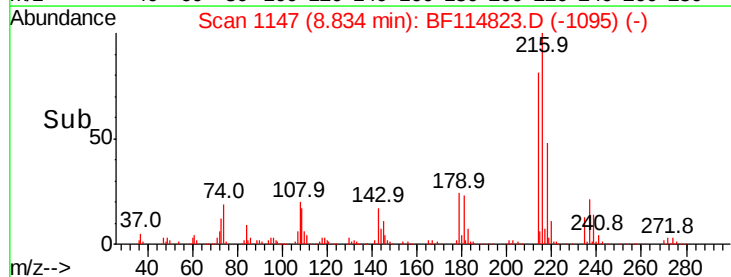
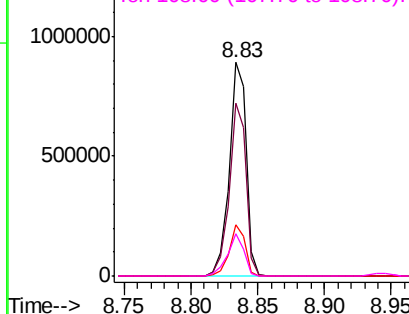
214 80.2 63.4 95.2

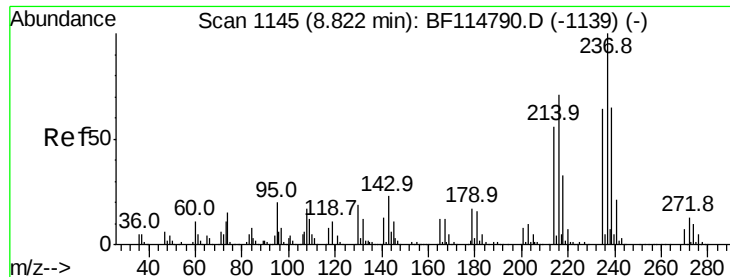
179 22.8 18.3 27.5

108 19.4 15.5 23.3



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 38.150 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Instrument :

BNA_F

ClientSampleId :

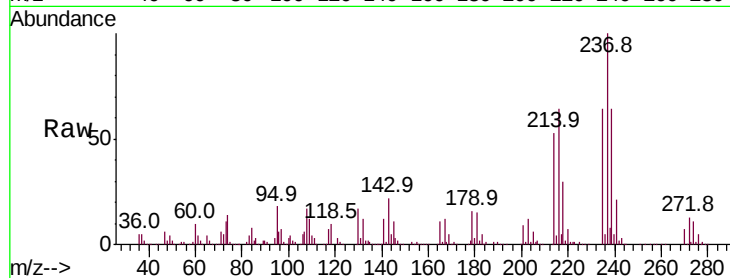
Tot Ion:237 Resp: 448440

Ion Ratio Lower Upper

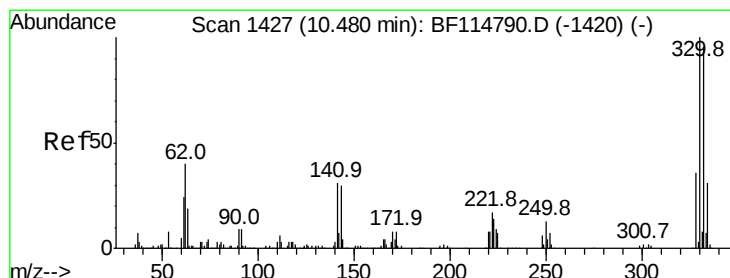
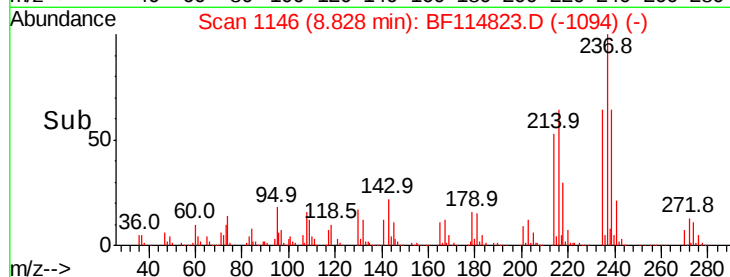
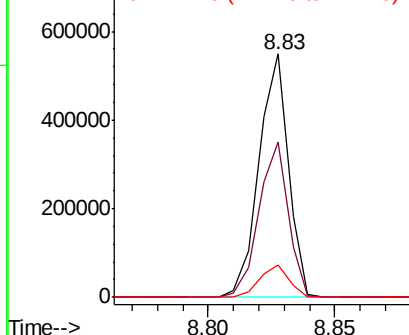
237 100

235 63.6 44.0 84.0

272 13.5 0.0 33.4



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: 81.566 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

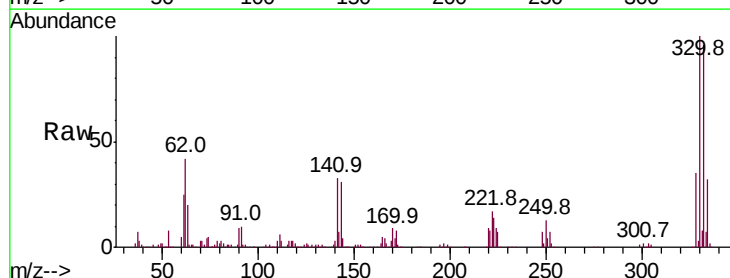
Tgt Ion:330 Resp: 591161

Ion Ratio Lower Upper

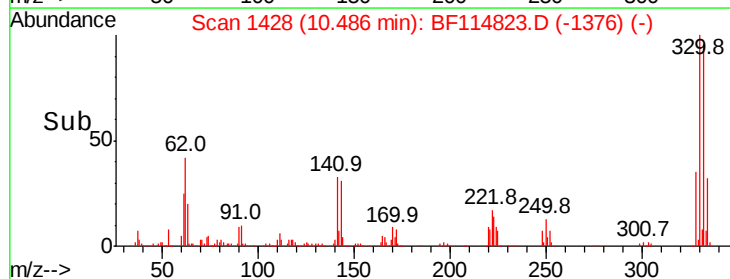
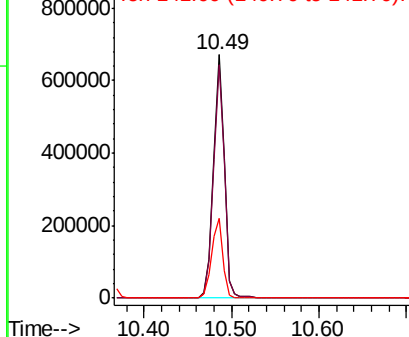
330 100

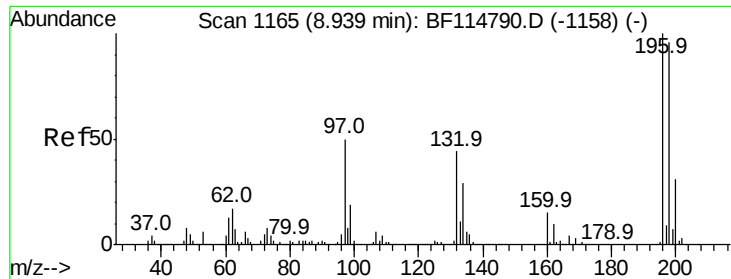
332 96.1 77.3 115.9

141 33.4 26.2 39.4



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

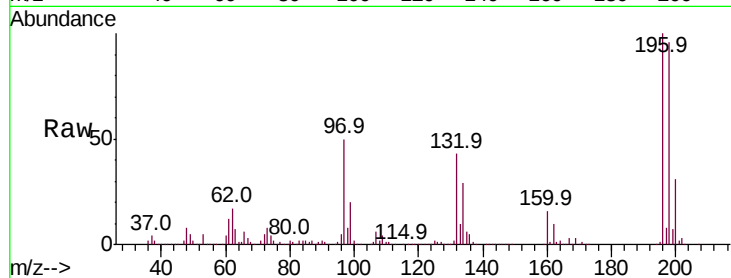




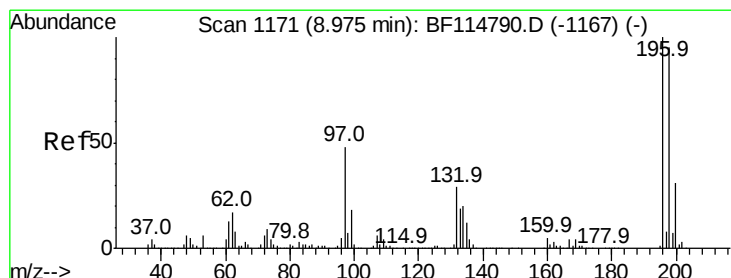
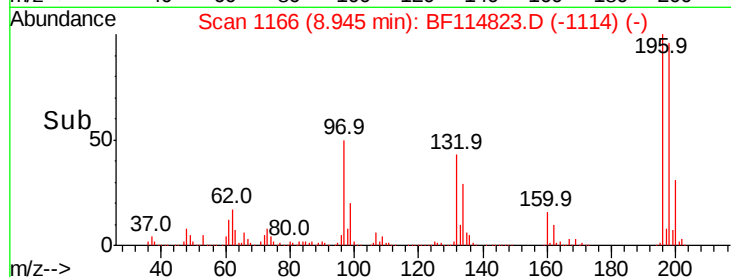
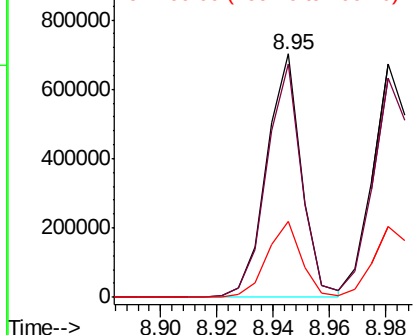
#43
 2,4,6-Trichlorophenol
 Concen: 39.986 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: BF114823.D
 Acq: 5 Jun 2019 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 602621
 Ion Ratio Lower Upper
 196 100
 198 96.1 77.1 115.7
 200 31.1 24.6 36.8



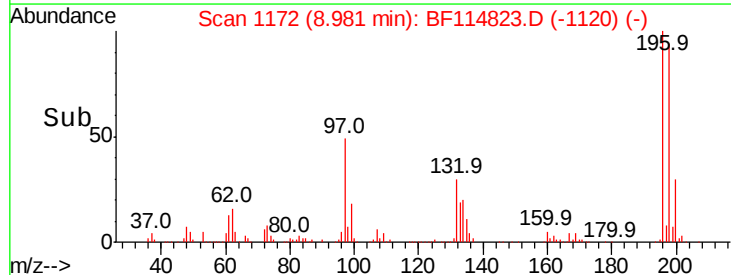
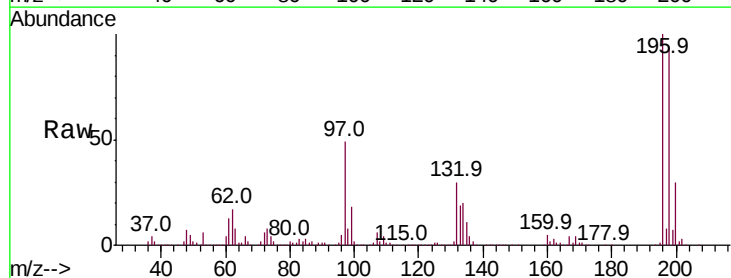
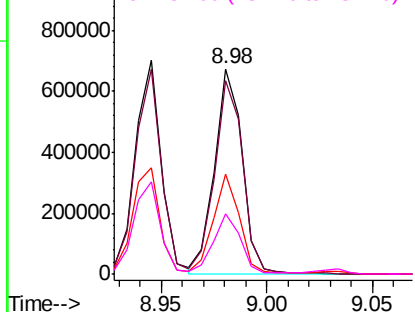
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

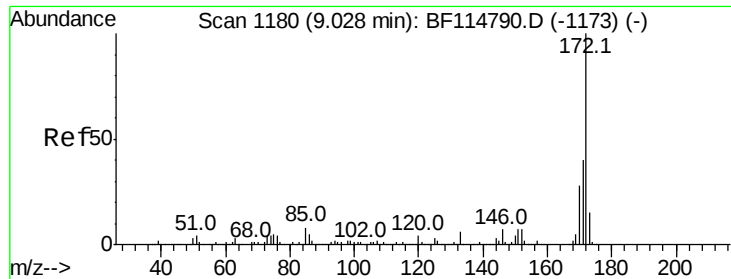


#44
 2,4,5-Trichlorophenol
 Concen: 40.659 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF114823.D
 Acq: 5 Jun 2019 17:35

Tgt Ion:196 Resp: 617106
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.2 114.4
 97 48.7 38.2 57.4
 132 29.6 23.7 35.5

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

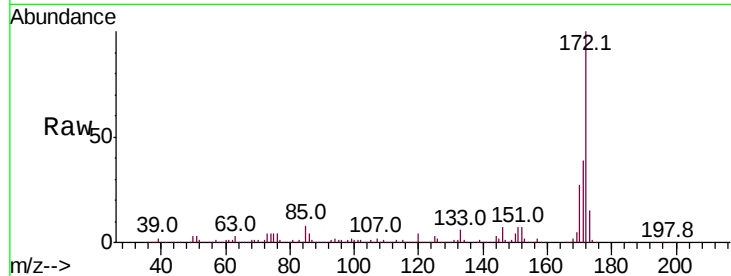




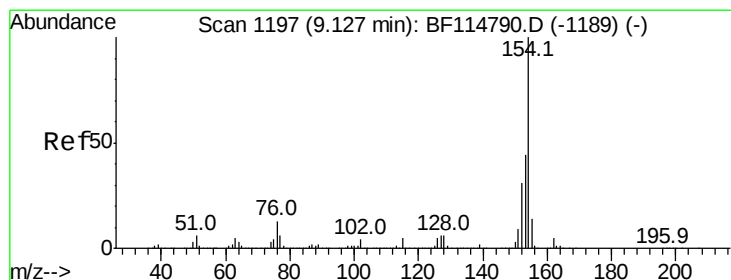
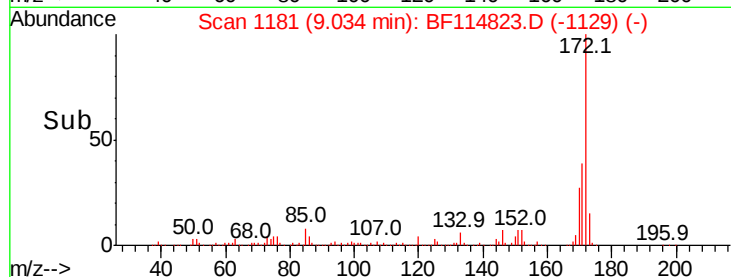
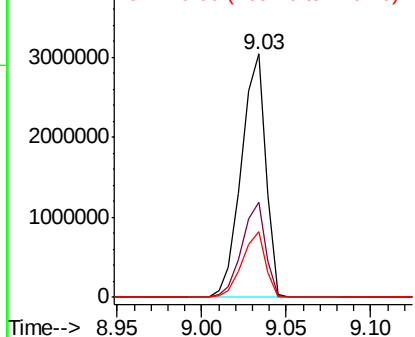
#45
2-Fluorobiphenyl
Concen: 85.803 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3080452
Ion Ratio Lower Upper
172 100
171 39.3 32.3 48.5
170 26.9 22.4 33.6

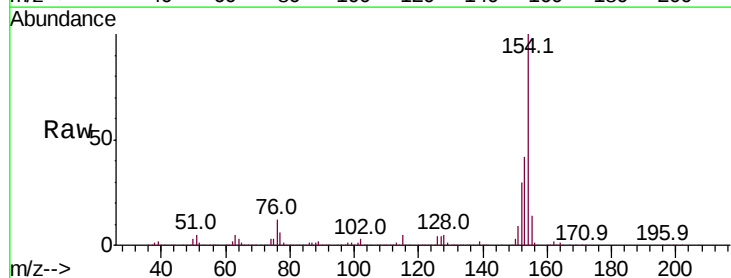


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

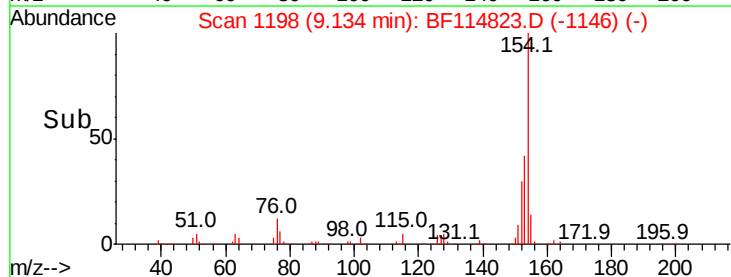
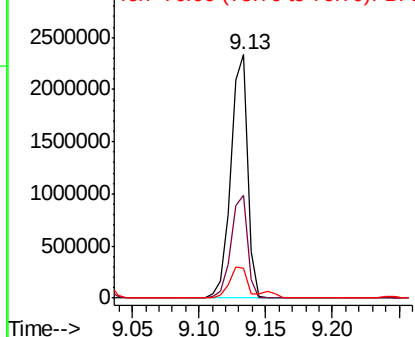


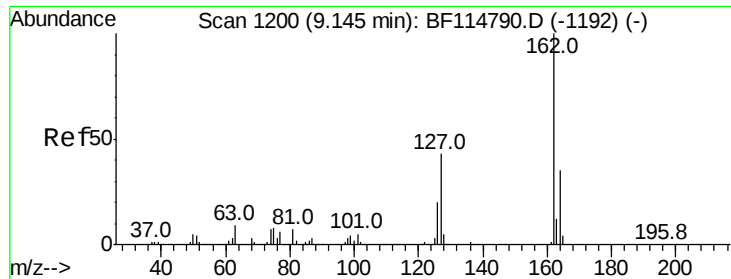
#46
1,1'-Biphenyl
Concen: 41.958 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Tgt Ion:154 Resp: 2091385
Ion Ratio Lower Upper
154 100
153 42.2 23.9 63.9
76 12.5 0.0 33.2



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

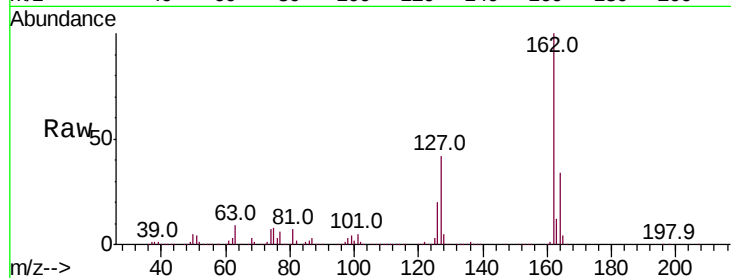




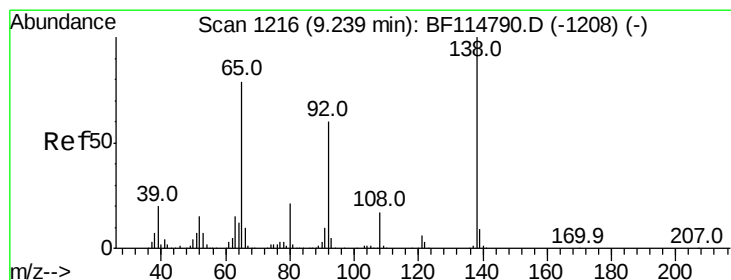
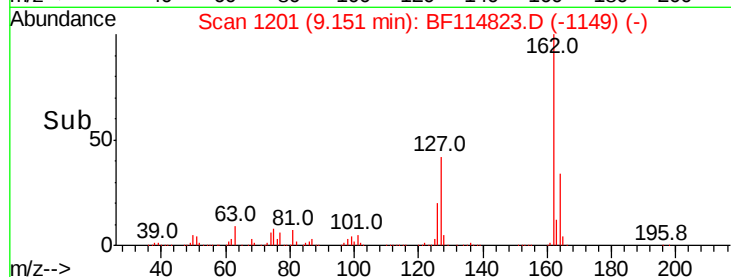
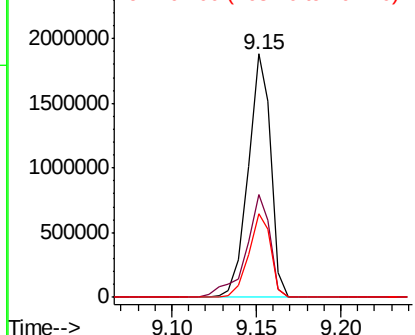
#47
2-Chloronaphthalene
Concen: 41.540 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1759395
Ion Ratio Lower Upper
162 100
127 42.4 34.6 51.8
164 34.2 27.8 41.8

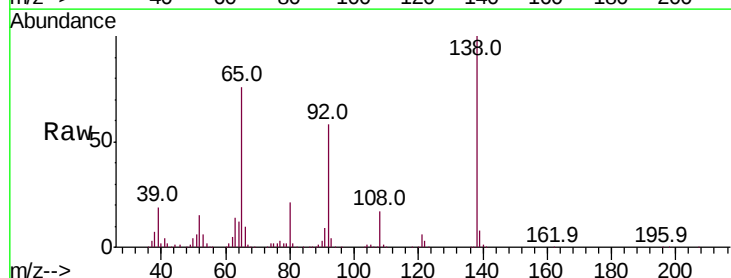


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

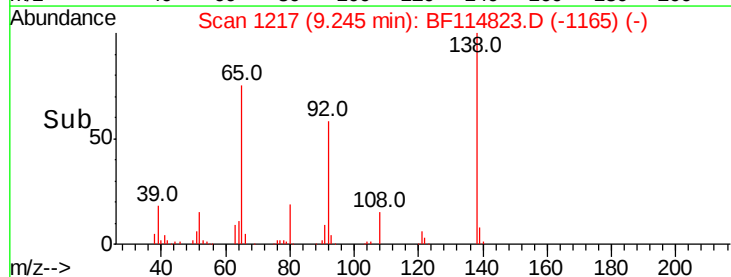
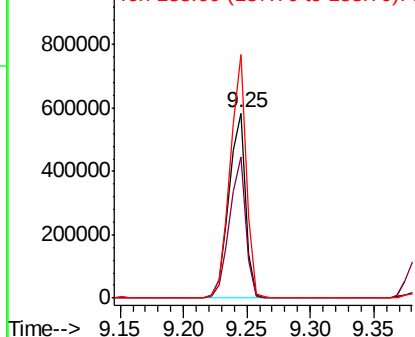


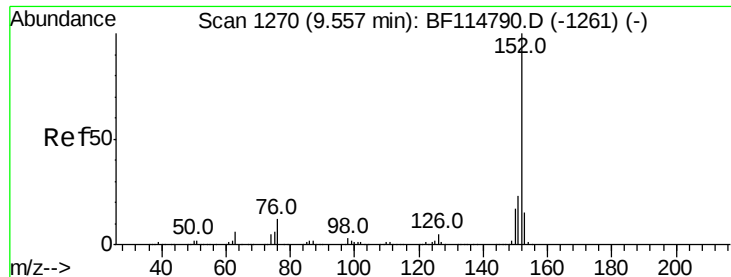
#48
2-Nitroaniline
Concen: 42.019 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Tgt Ion: 65 Resp: 531100
Ion Ratio Lower Upper
65 100
92 76.1 60.4 90.6
138 131.8 101.2 151.8



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

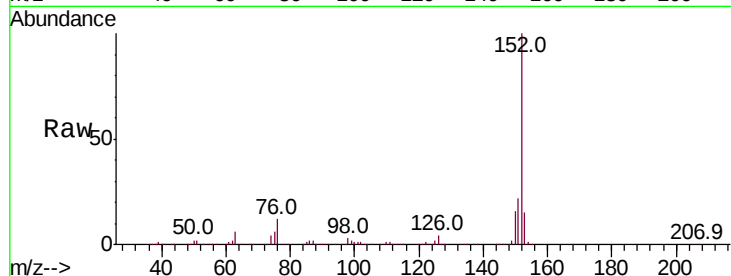




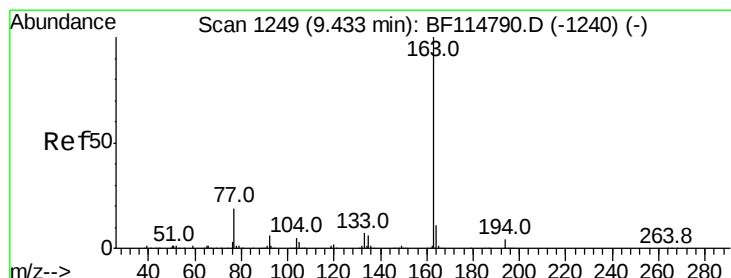
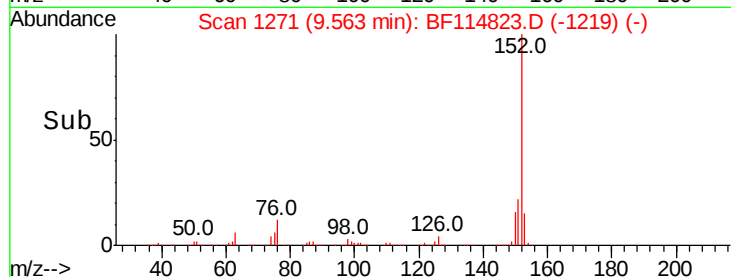
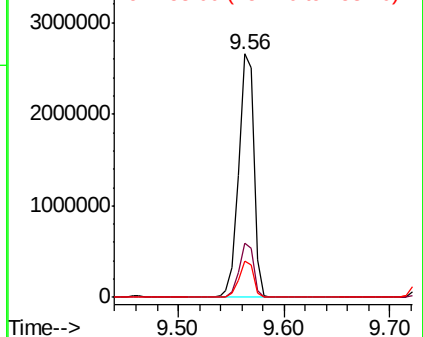
#49
Acenaphthylene
Concen: 42.215 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 2592902
Ion Ratio Lower Upper
152 100
151 22.1 18.3 27.5
153 14.9 12.3 18.5

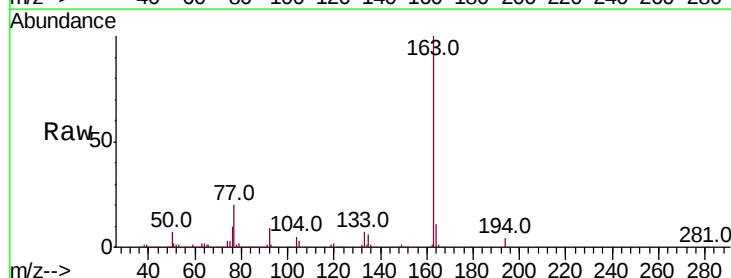


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

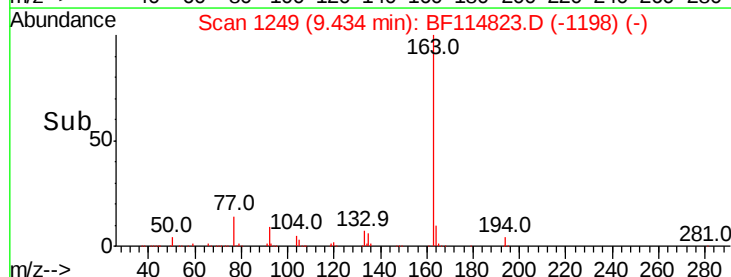
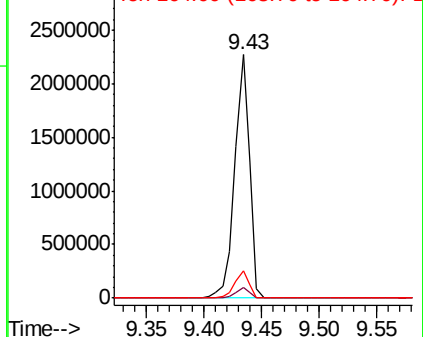


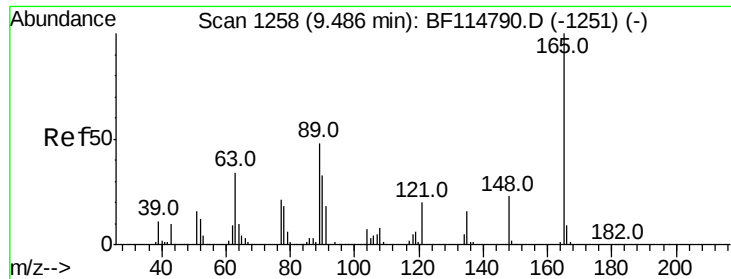
#50
Dimethylphthalate
Concen: 40.656 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Tgt Ion:163 Resp: 1997025
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 11.1 8.6 13.0



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

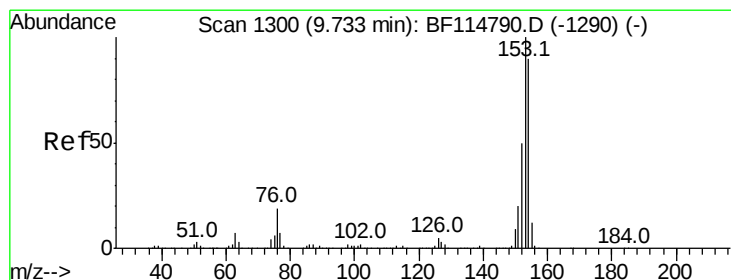
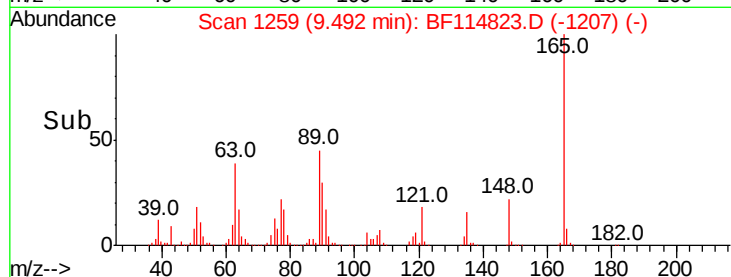
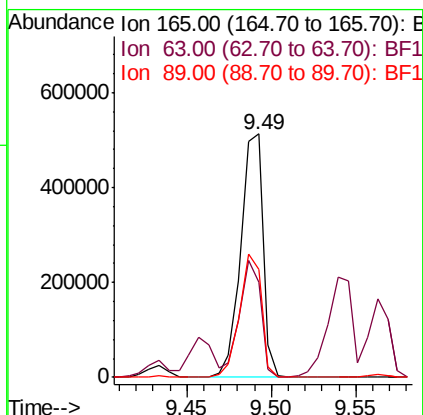
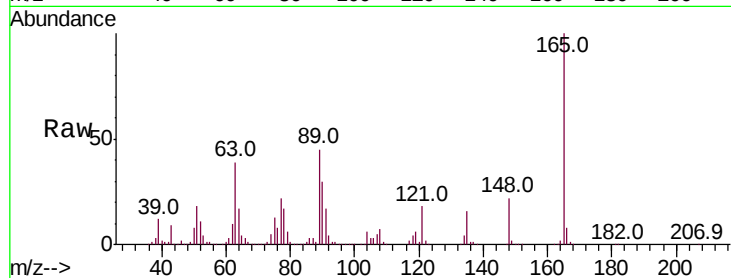




#51
2,6-Dinitrotoluene
Concen: 41.024 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

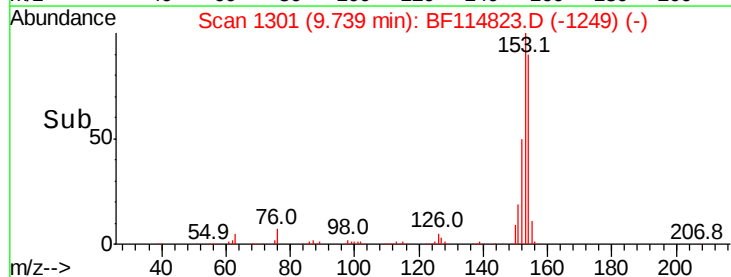
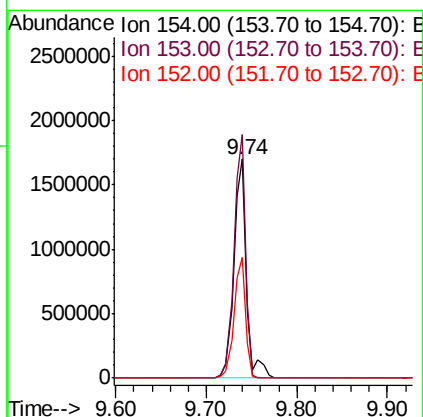
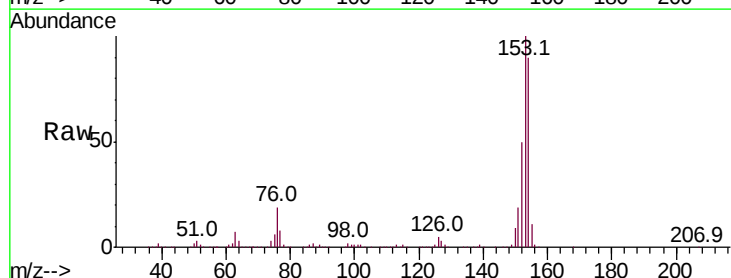
Instrument :
BNA_F
ClientSampleId :

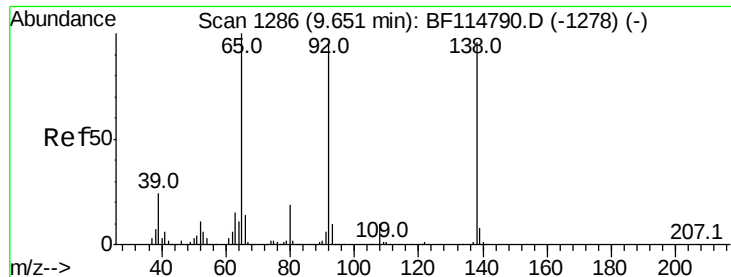
Tot Ion:165 Resp: 473899
Ion Ratio Lower Upper
165 100
63 38.9 35.1 52.7
89 44.6 38.2 57.2



#52
Acenaphthene
Concen: 40.956 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Tgt Ion:154 Resp: 1647847
Ion Ratio Lower Upper
154 100
153 111.3 88.5 132.7
152 55.4 44.1 66.1

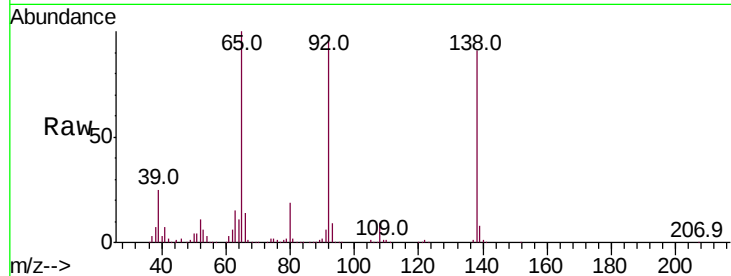




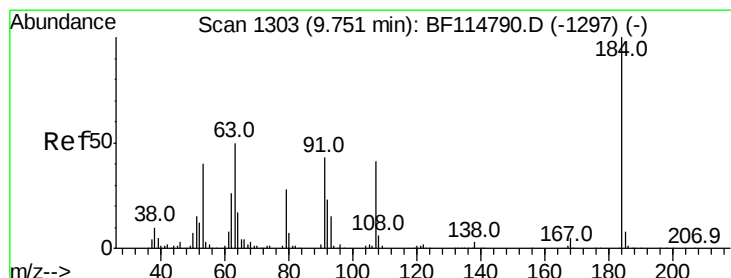
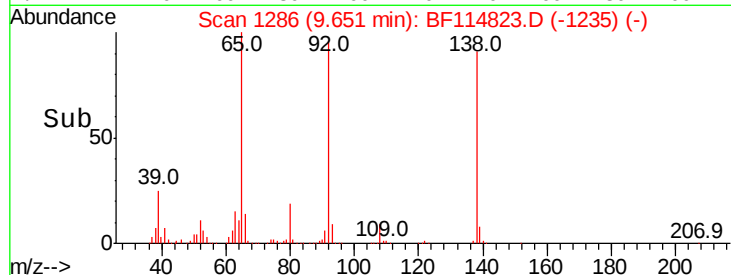
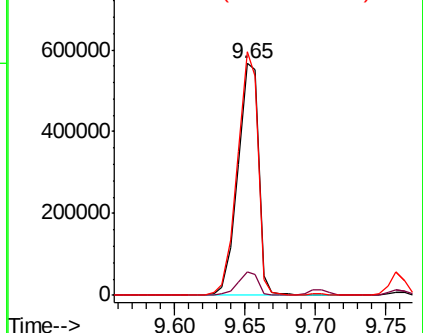
#53
3-Nitroaniline
Concen: 43.262 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 583812
Ion Ratio Lower Upper
138 100
108 10.0 7.9 11.9
92 105.1 79.9 119.9

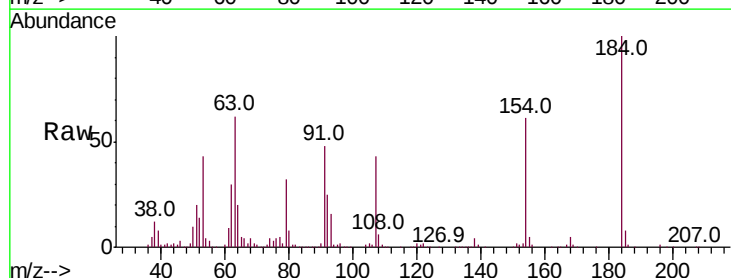


Abundance Ion 138.00 (137.70 to 138.70): E
800000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

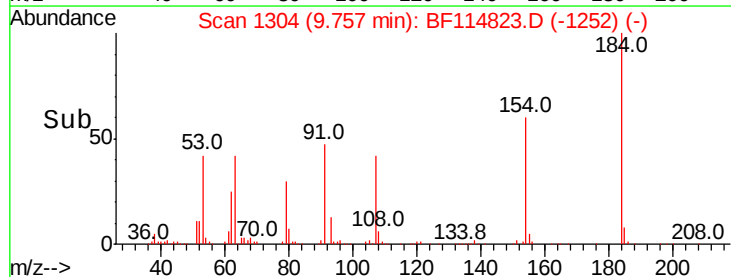
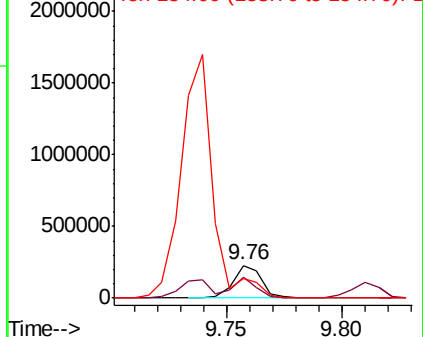


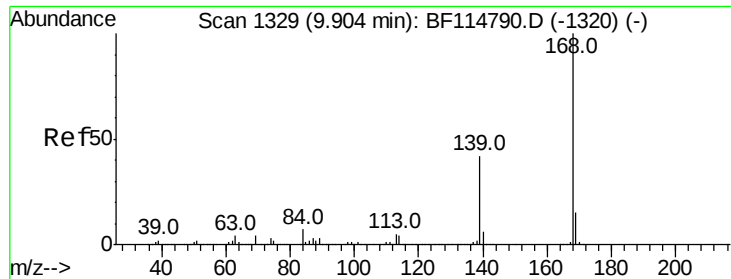
#54
2,4-Dinitrophenol
Concen: 37.343 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Tgt Ion:184 Resp: 195204
Ion Ratio Lower Upper
184 100
63 62.3 44.1 66.1
154 60.9 48.1 72.1



Abundance Ion 184.00 (183.70 to 184.70): E
2000000
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

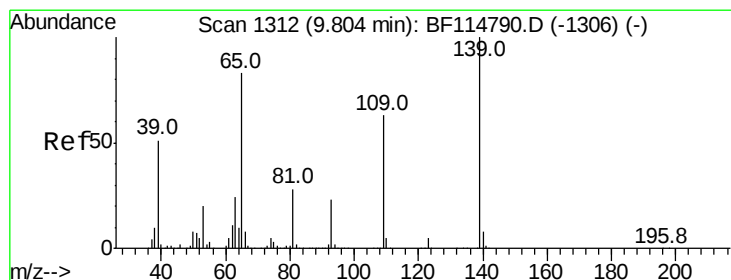
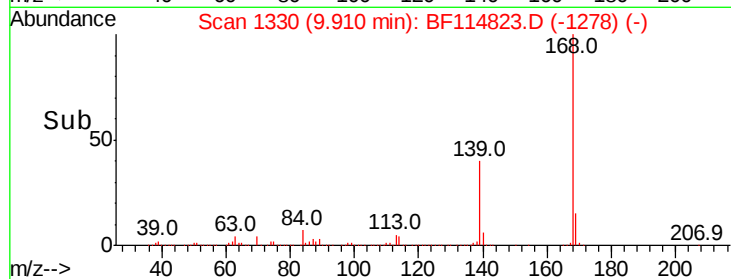
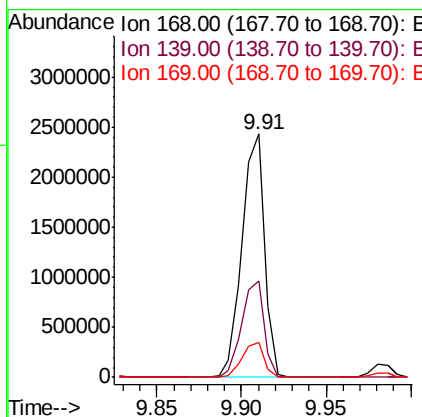
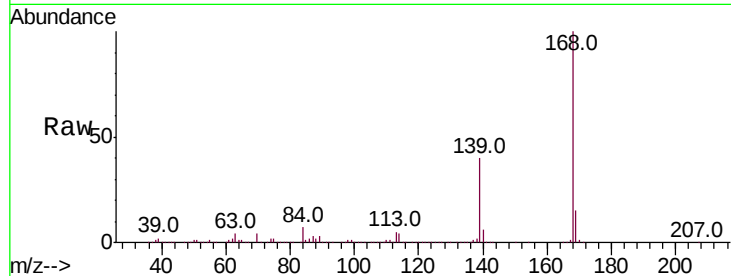




#55
Dibenzofuran
Concen: 40.576 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

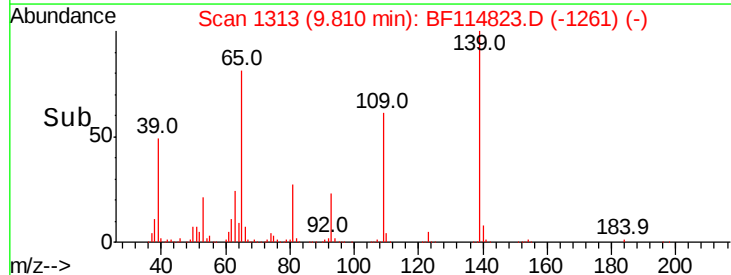
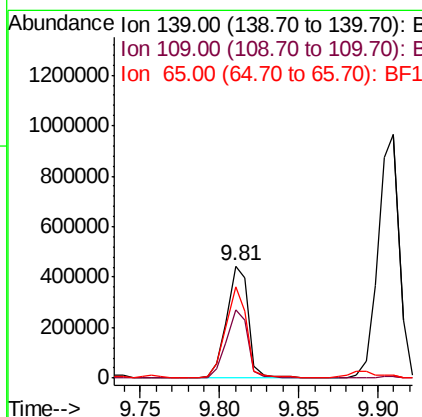
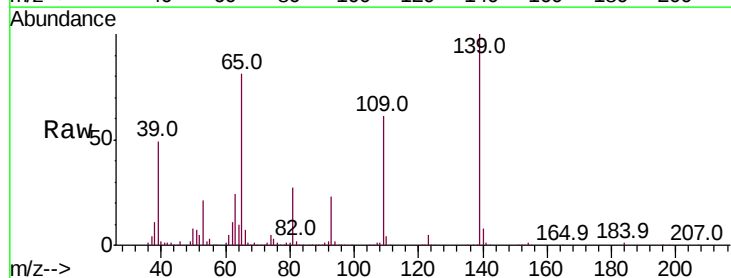
Instrument :
BNA_F
ClientSampleId :

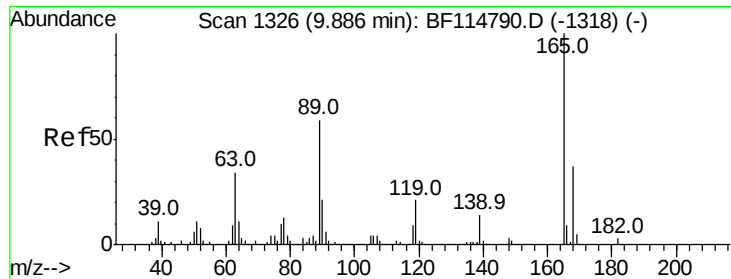
Tot Ion:168 Resp: 2270147
Ion Ratio Lower Upper
168 100
139 39.7 33.8 50.6
169 14.6 11.9 17.9



#56
4-Nitrophenol
Concen: 43.180 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Tgt Ion:139 Resp: 426976
Ion Ratio Lower Upper
139 100
109 61.3 43.5 83.5
65 81.3 63.2 103.2

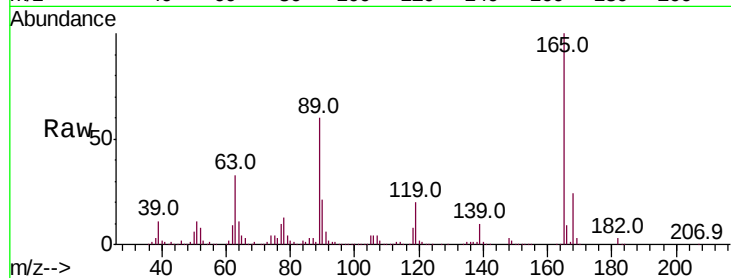




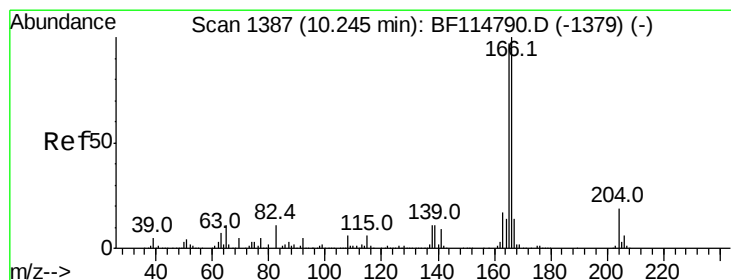
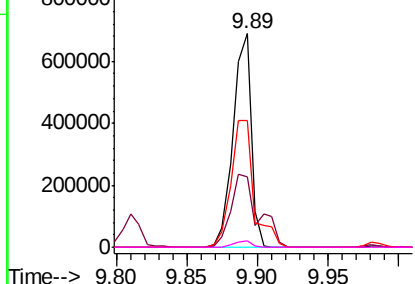
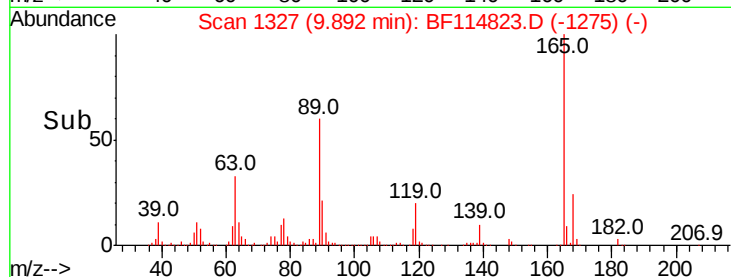
#57
2,4-Dinitrotoluene
Concen: 42.673 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 619693
Ion Ratio Lower Upper
165 100
63 32.9 27.0 40.4
89 59.6 47.0 70.6
182 2.7 2.2 3.2

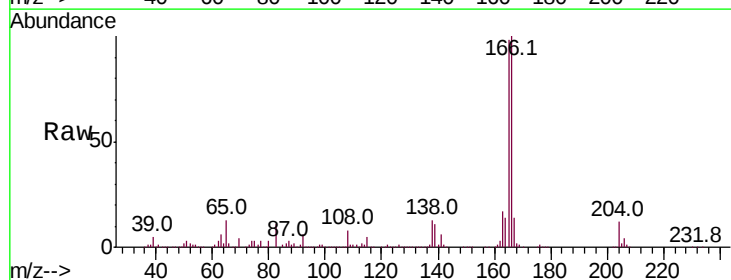


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

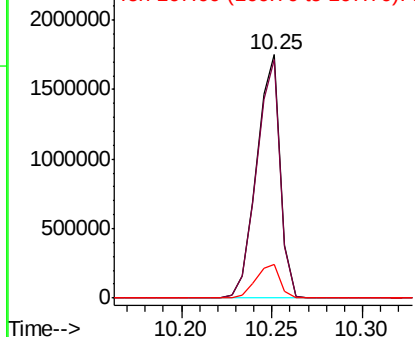
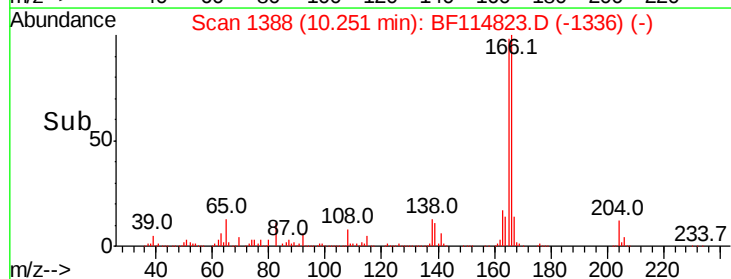


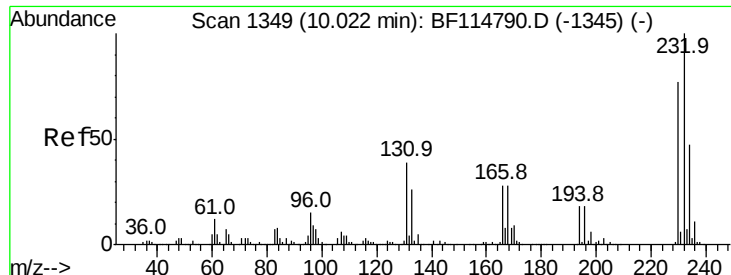
#58
Fluorene
Concen: 44.044 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Tgt Ion:166 Resp: 1586355
Ion Ratio Lower Upper
166 100
165 98.2 77.9 116.9
167 13.7 11.3 16.9



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

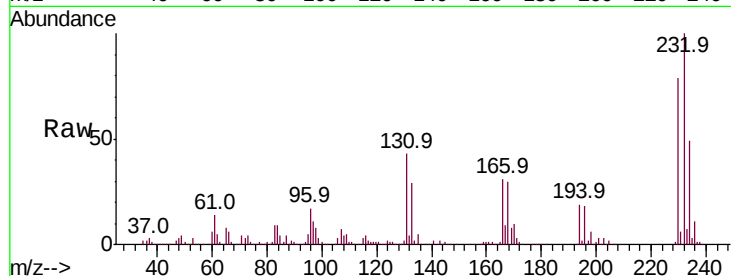




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.530 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.01 min
 Lab File: BF114823.D
 Acq: 5 Jun 2019 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.0	36.8	55.2
130	2.3	1.8	2.6
166	31.0	24.6	37.0



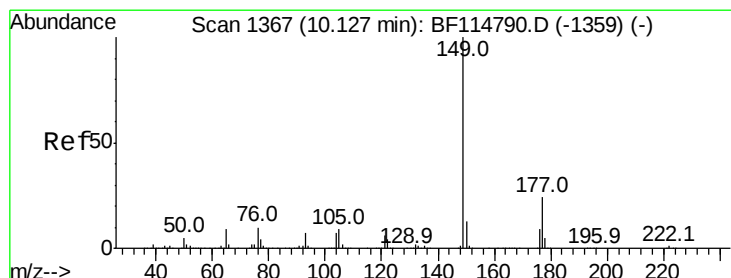
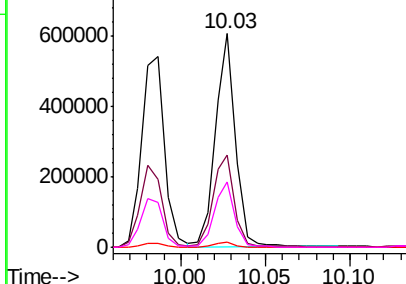
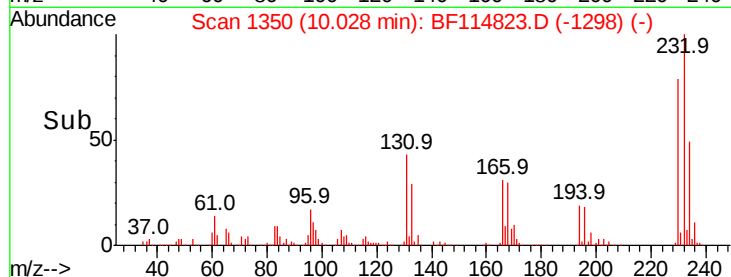
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

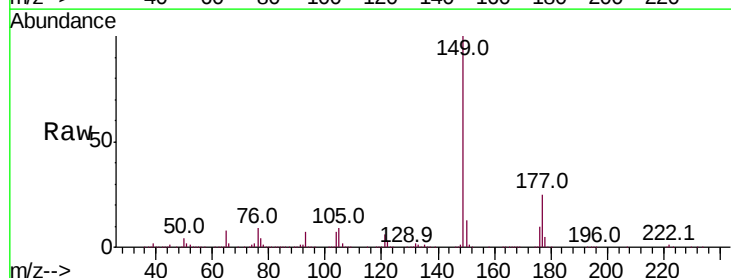
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 40.331 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. 0.01 min
 Lab File: BF114823.D
 Acq: 5 Jun 2019 17:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.6	19.3	28.9
150	13.1	10.7	16.1

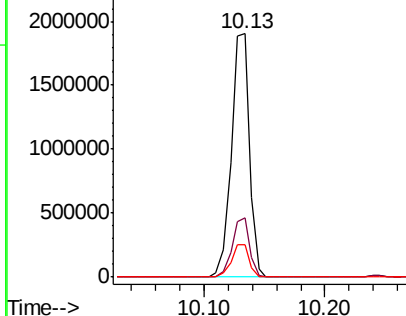
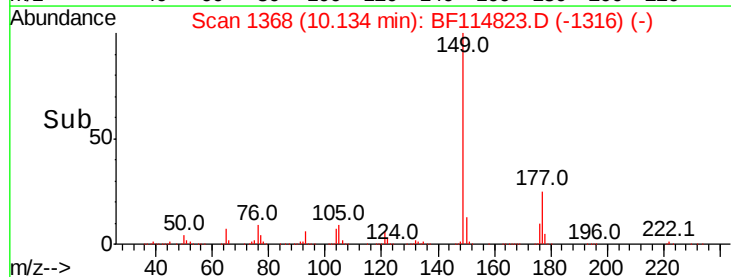


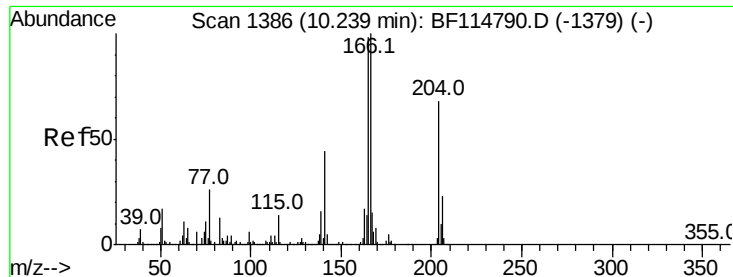
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

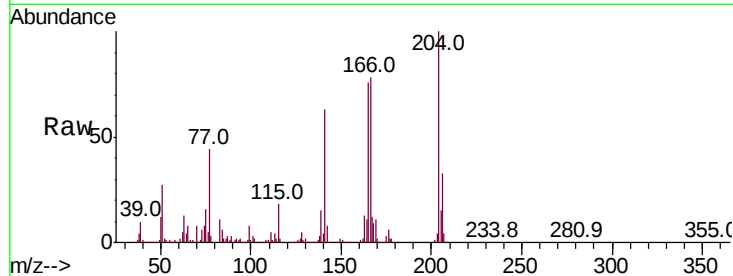




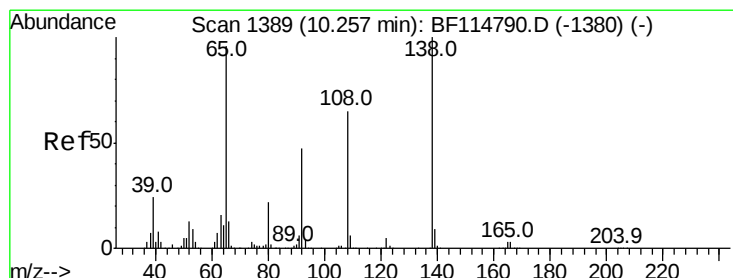
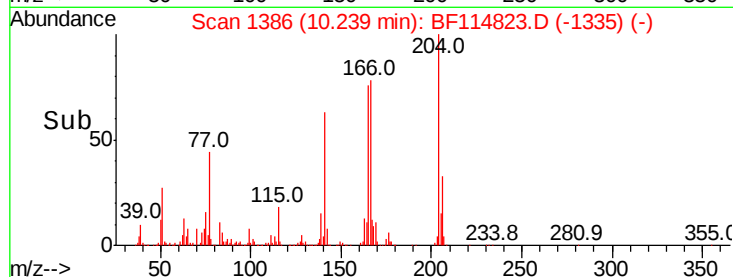
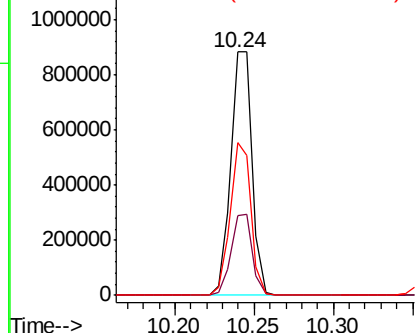
#61
4-Chlorophenyl-phenylether
Concen: 38.471 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 824376
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 62.8 51.0 76.4

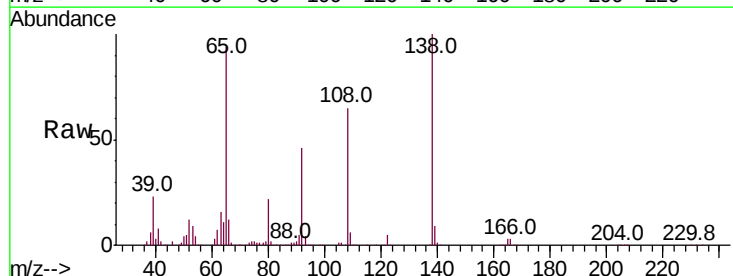


Abundance Ion 204.00 (203.70 to 204.70): E
1200000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

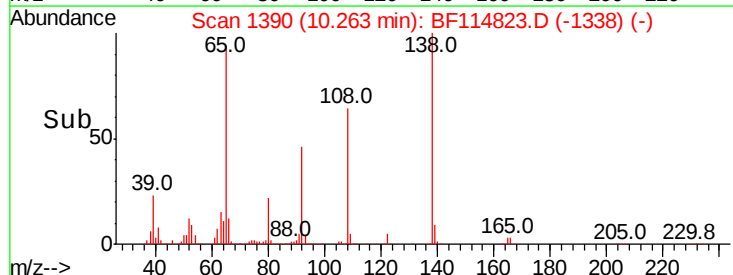
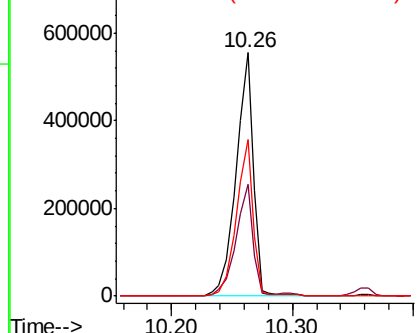


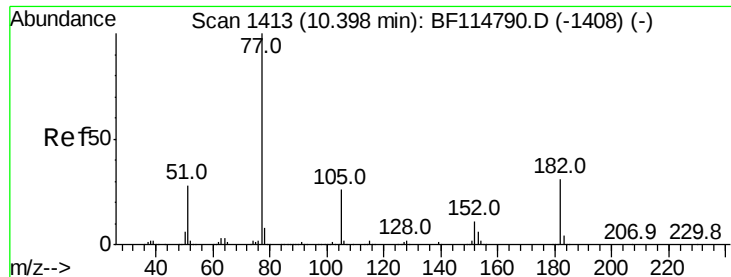
#62
4-Nitroaniline
Concen: 42.857 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Tgt Ion:138 Resp: 560949
Ion Ratio Lower Upper
138 100
92 45.7 26.5 66.5
108 64.5 45.4 85.4



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

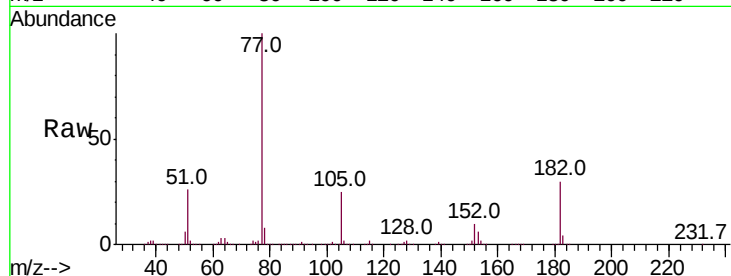




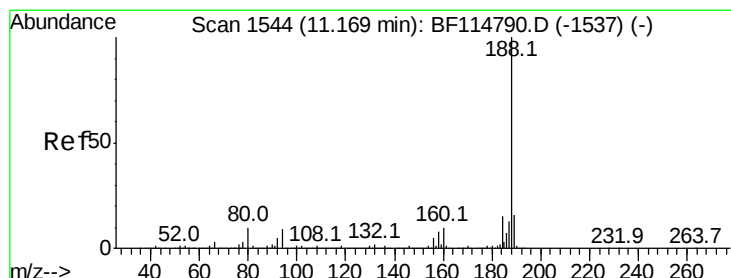
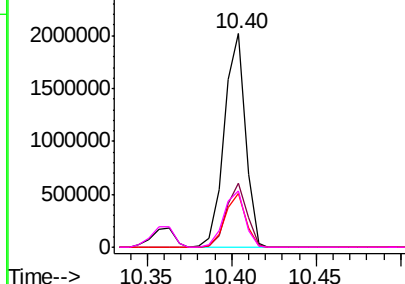
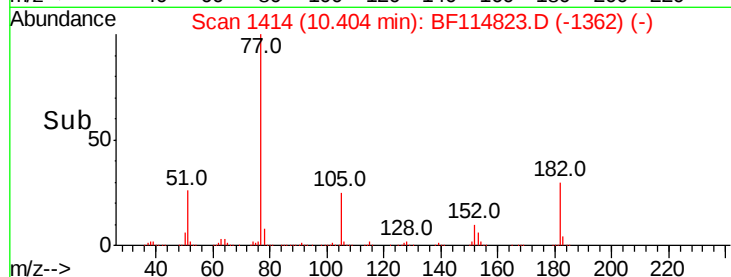
#63
Azobenzene
Concen: 41.758 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1751966
Ion Ratio Lower Upper
77 100
182 30.1 11.2 51.2
105 25.1 5.7 45.7
51 26.3 8.0 48.0

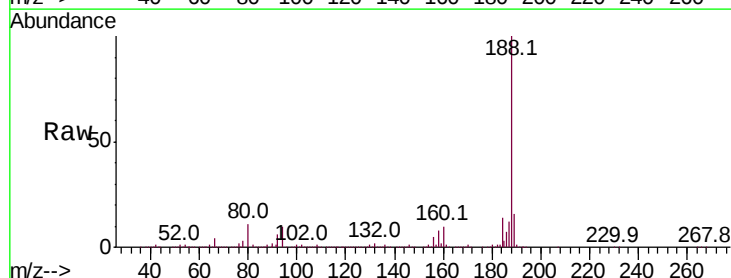


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

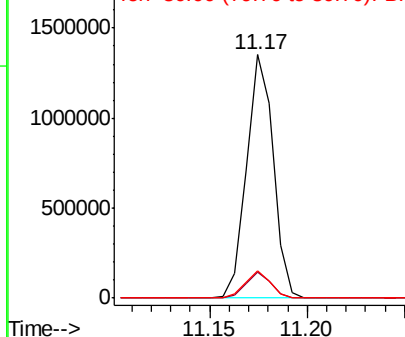
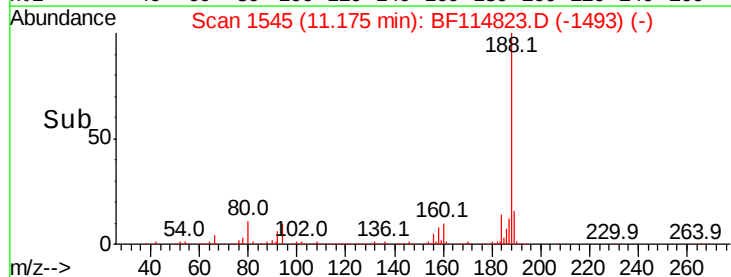


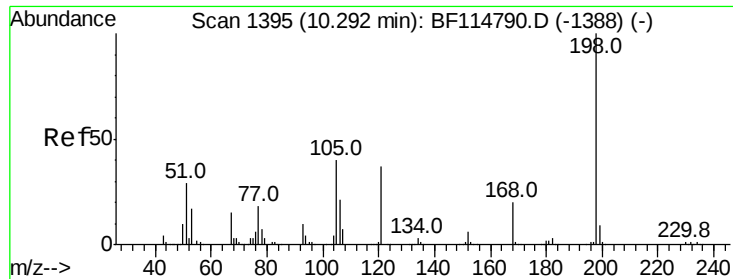
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Tgt Ion:188 Resp: 1280727
Ion Ratio Lower Upper
188 100
94 10.5 7.6 11.4
80 11.1 8.3 12.5



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





#65

4,6-Dinitro-2-methylphenol

Concen: 38.637 ng

RT: 10.30 min Scan# 1396

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Instrument :

BNA_F

ClientSampleId :

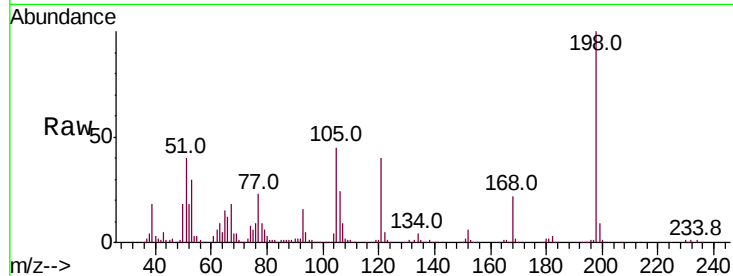
Tot Ion:198 Resp: 257047

Ion Ratio Lower Upper

198 100

51 39.9 14.9 54.9

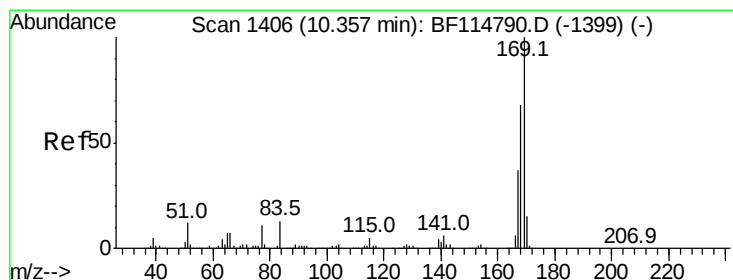
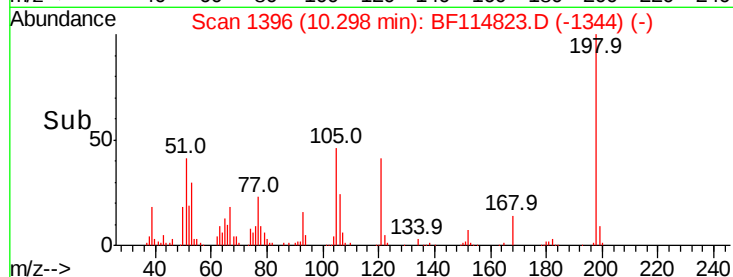
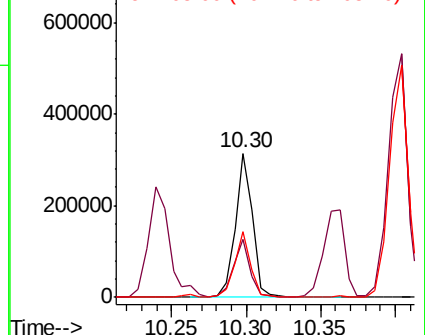
105 45.3 21.0 61.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.096 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

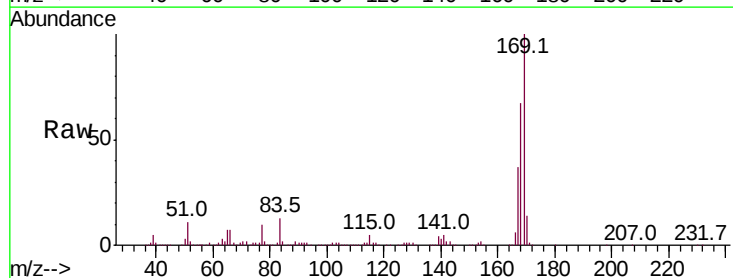
Tgt Ion:169 Resp: 1591522

Ion Ratio Lower Upper

169 100

168 67.2 54.3 81.5

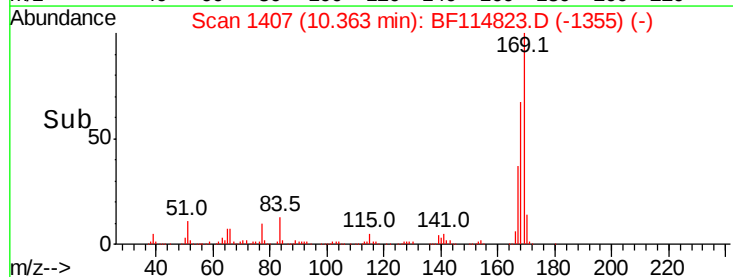
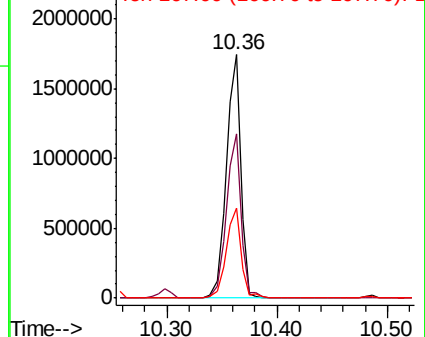
167 37.1 29.9 44.9

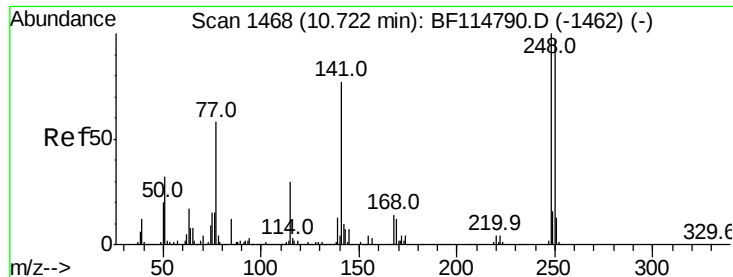


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

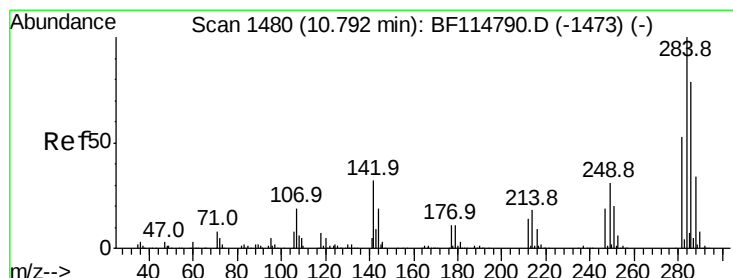
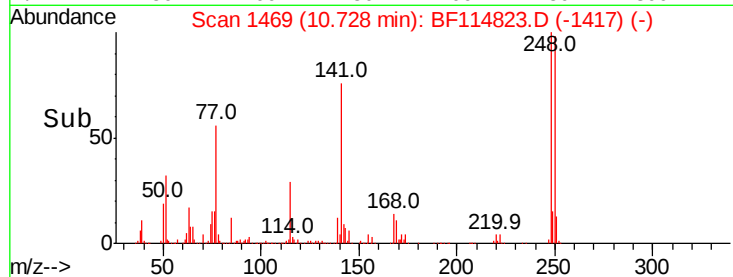
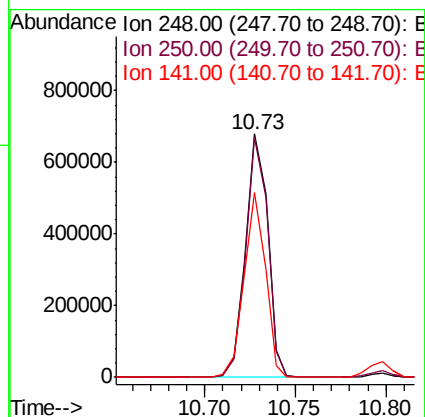
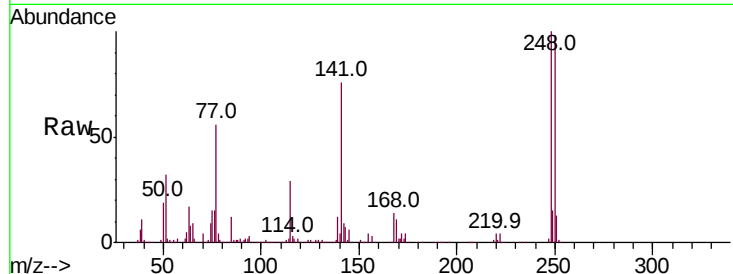




#67
4-Bromophenyl-phenylether
Concen: 40.019 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

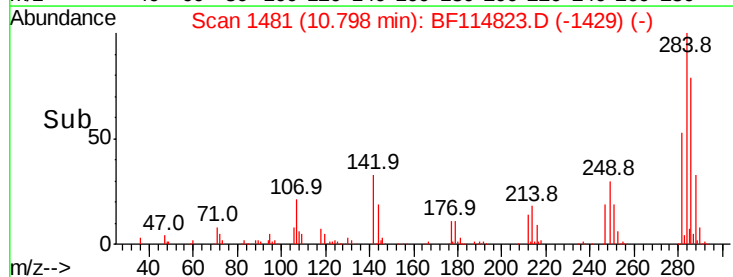
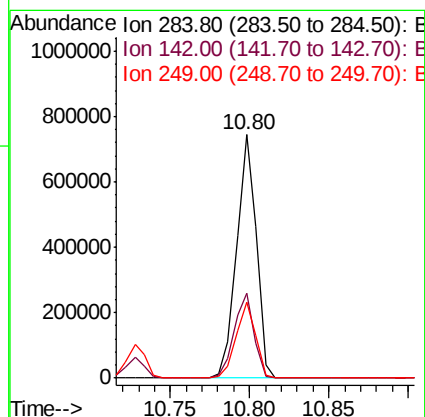
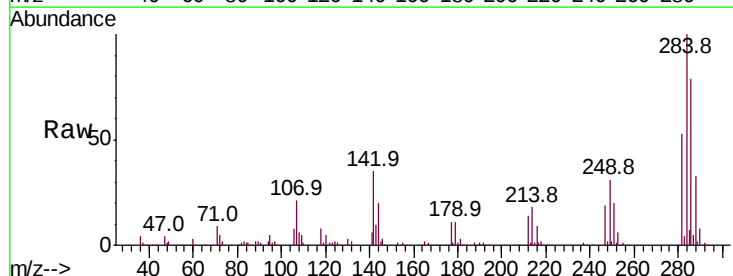
Instrument :
BNA_F
ClientSampleId :

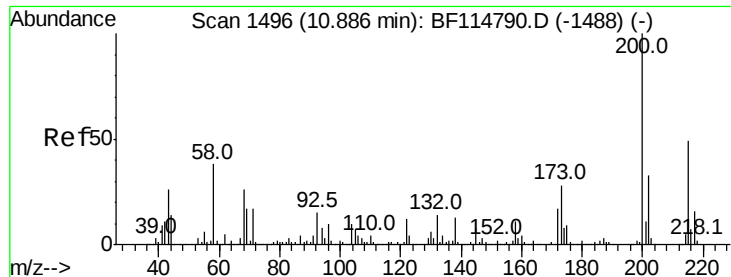
Tot Ion:248 Resp: 582107
Ion Ratio Lower Upper
248 100
250 98.4 77.5 116.3
141 76.0 61.8 92.8



#68
Hexachlorobenzene
Concen: 40.224 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Tgt Ion:284 Resp: 640341
Ion Ratio Lower Upper
284 100
142 34.7 25.3 37.9
249 31.2 24.9 37.3

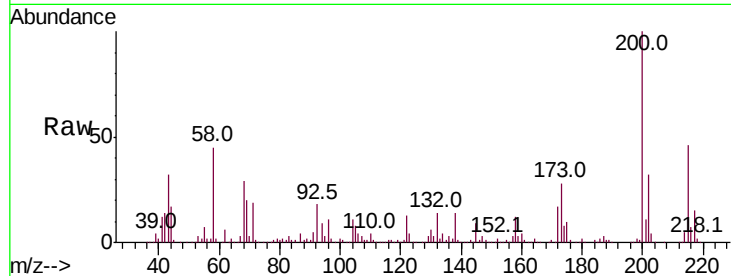




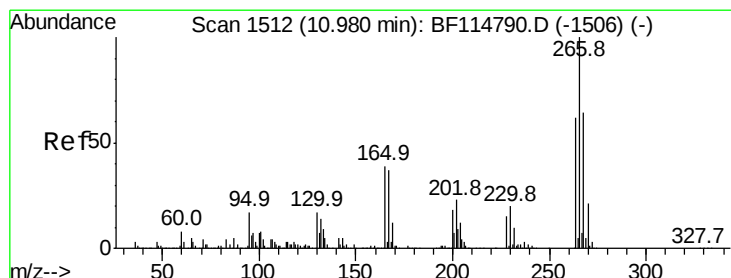
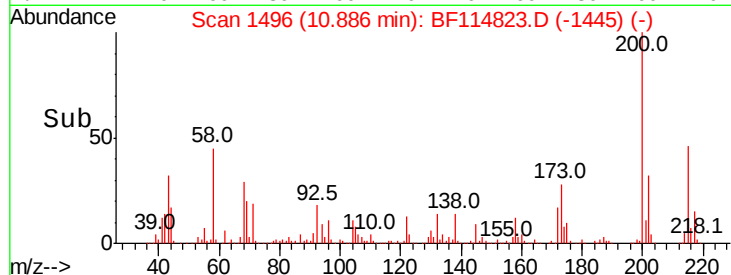
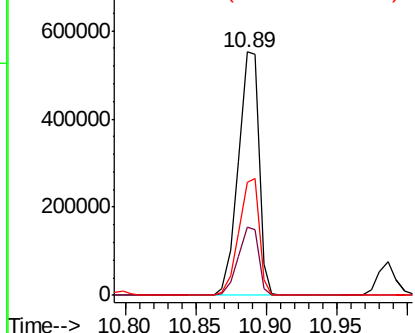
#69
Atrazine
Concen: 41.965 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 565208
Ion Ratio Lower Upper
200 100
173 27.9 8.0 48.0
215 46.3 28.7 68.7

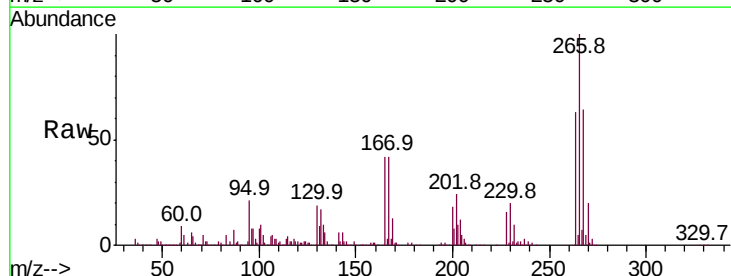


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

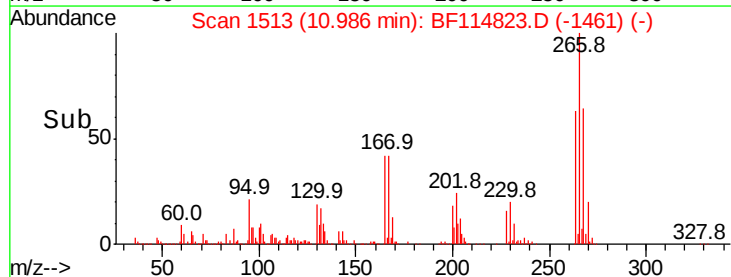
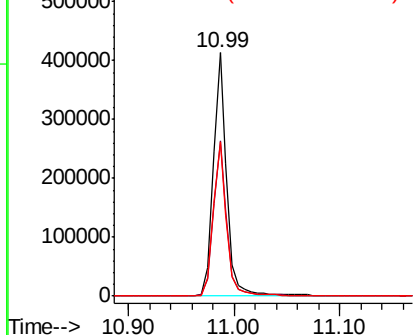


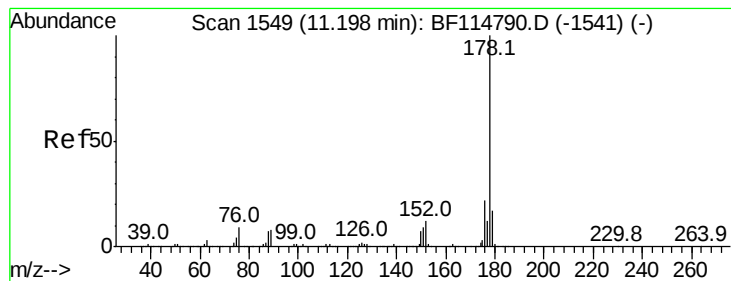
#70
Pentachlorophenol
Concen: 40.741 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Tgt Ion:266 Resp: 374934
Ion Ratio Lower Upper
266 100
268 63.9 51.0 76.6
264 63.2 49.6 74.4



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





#71

Phenanthrene

Concen: 42.205 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Instrument :

BNA_F

ClientSampleId :

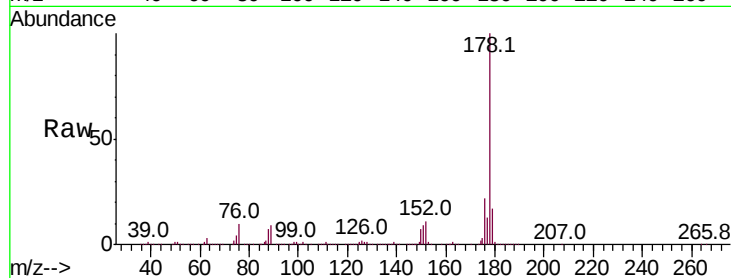
Tot Ion:178 Resp: 2580418

Ion Ratio Lower Upper

178 100

176 22.1 17.7 26.5

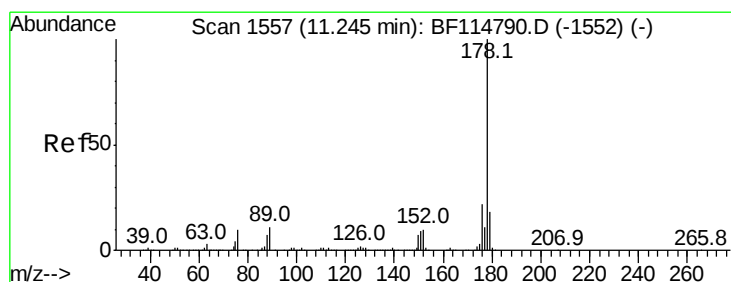
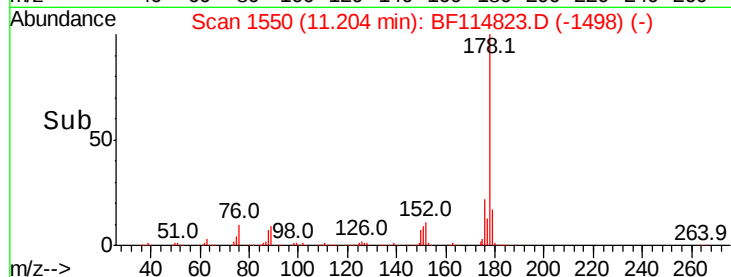
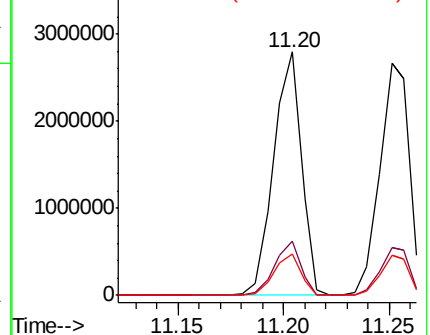
179 17.0 13.7 20.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.661 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

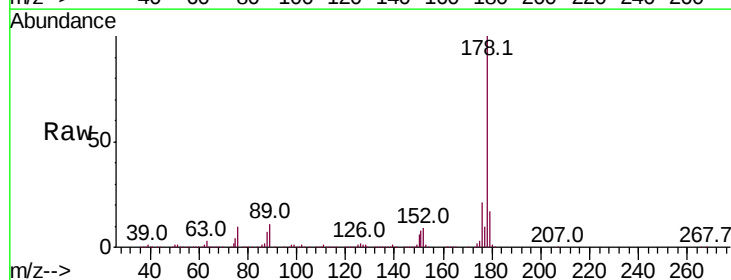
Tgt Ion:178 Resp: 2616270

Ion Ratio Lower Upper

178 100

176 20.6 17.4 26.0

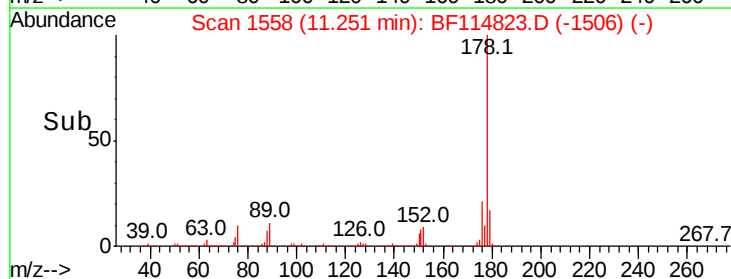
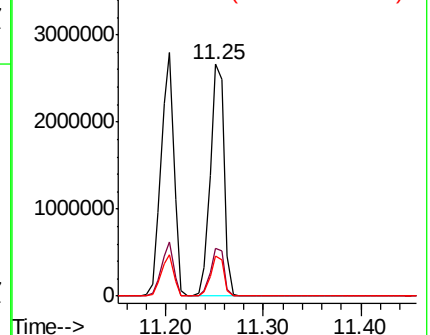
179 17.2 14.2 21.4

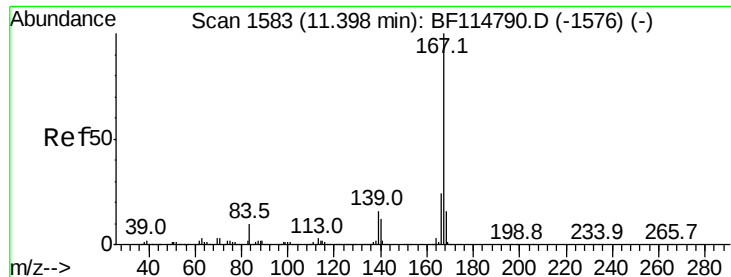


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.402 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

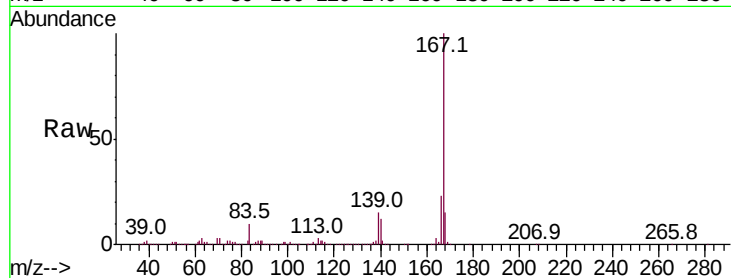
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 2394006

Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.1	28.7
139	14.8	12.4	18.6



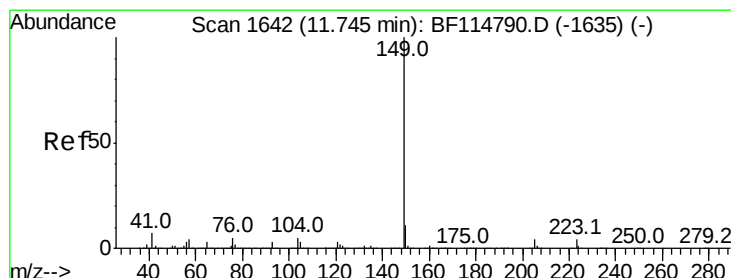
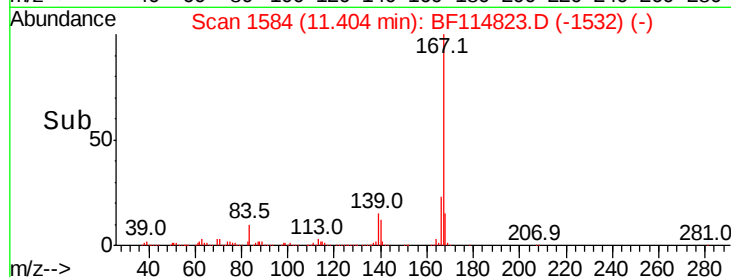
Abundance

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

Time-->



#74

Di-n-butylphthalate

Concen: 40.287 ng

RT: 11.75 min Scan# 1643

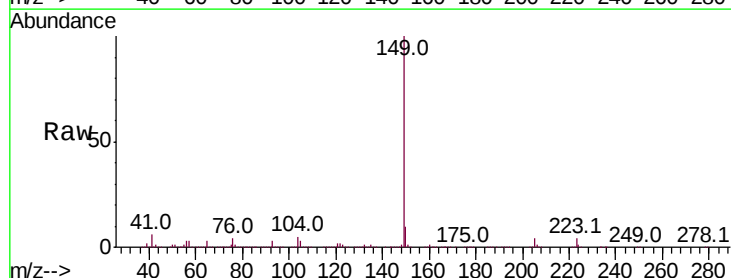
Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Tgt Ion:149 Resp: 2922741

Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.9	13.3
104	4.9	4.3	6.5



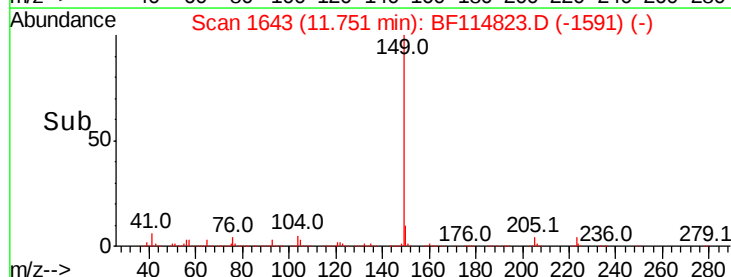
Abundance

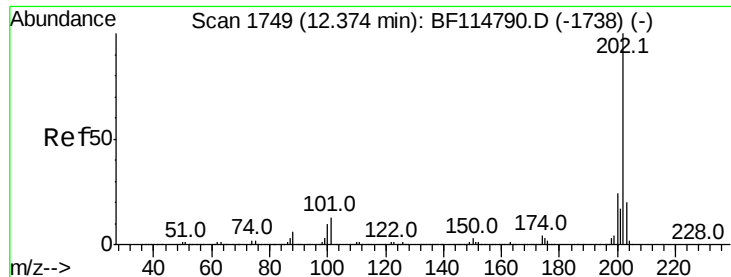
Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->





#75

Fluoranthene

Concen: 41.972 ng

RT: 12.38 min Scan# 1750

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Instrument :

BNA_F

ClientSampleId :

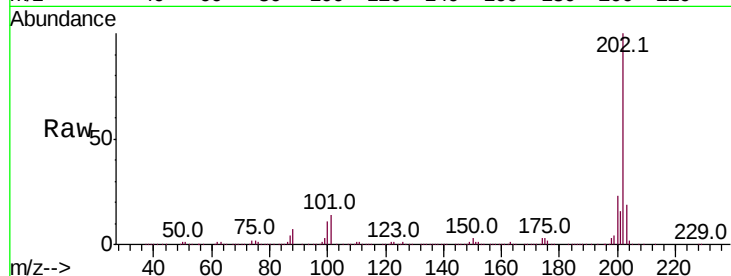
Tot Ion:202 Resp: 2670894

Ion Ratio Lower Upper

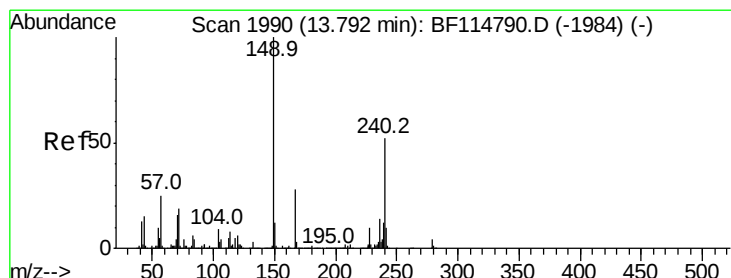
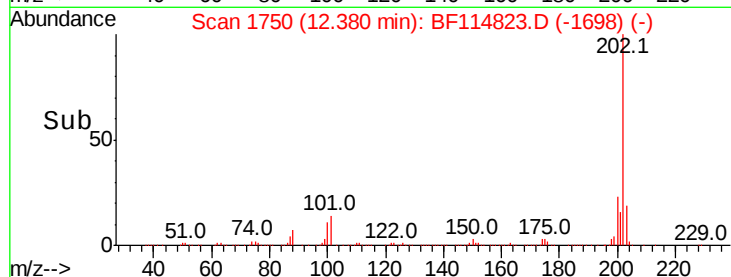
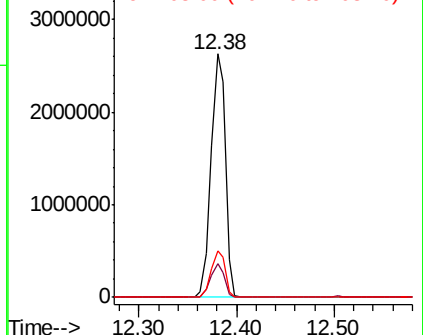
202 100

101 14.0 0.0 32.8

203 19.2 0.2 40.2



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: 13.80 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

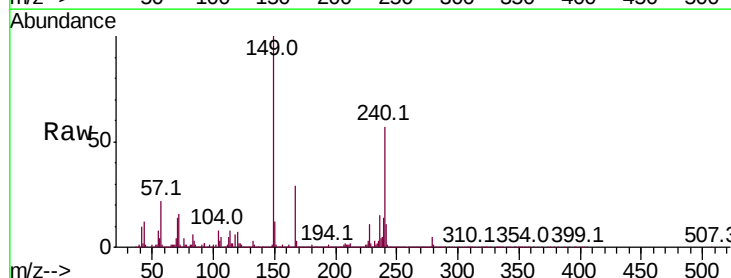
Tgt Ion:240 Resp: 790871

Ion Ratio Lower Upper

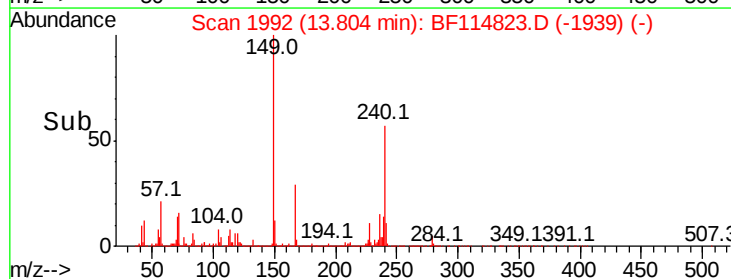
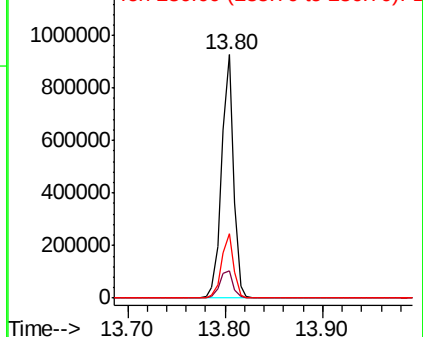
240 100

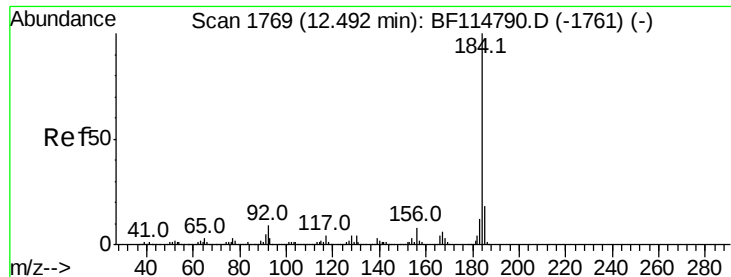
120 11.4 9.0 13.4

236 26.4 21.4 32.0



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: 44.197 ng

RT: 12.50 min Scan# 1771

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

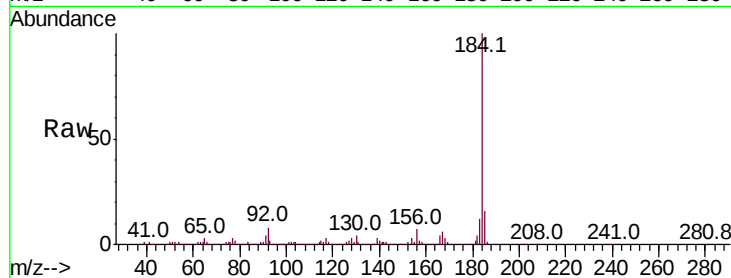
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1730422

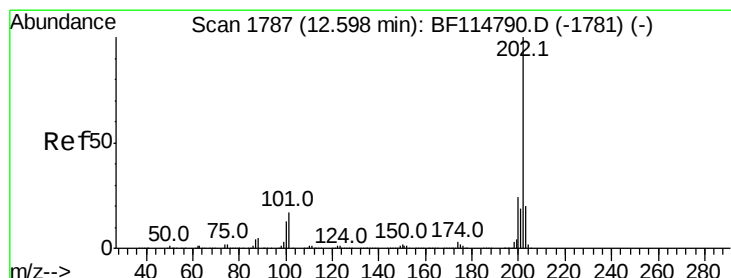
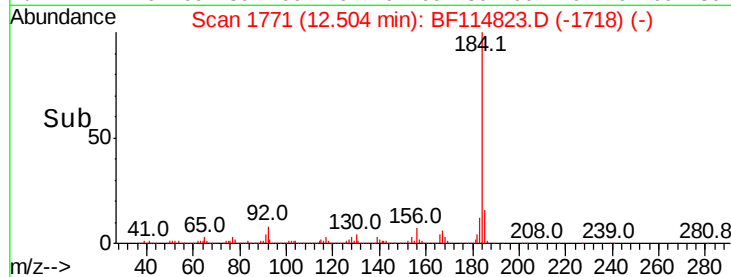
Ion	Ratio	Lower	Upper
184	100		
185	16.2	14.1	21.1
183	12.3	9.9	14.9



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: 39.470 ng

RT: 12.61 min Scan# 1789

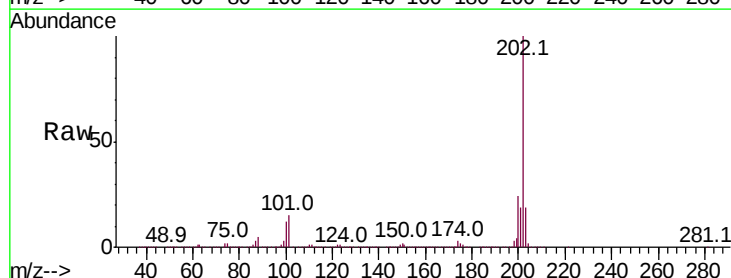
Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Tgt Ion:202 Resp: 2707974

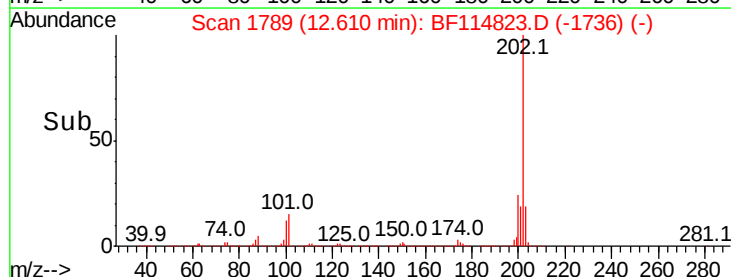
Ion	Ratio	Lower	Upper
202	100		
200	24.0	19.2	28.8
203	19.2	15.9	23.9

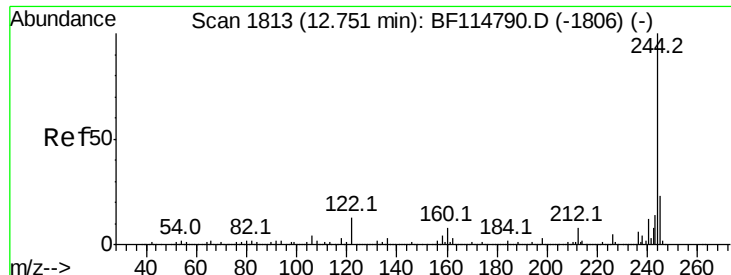


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.697 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Instrument :

BNA_F

ClientSampleId :

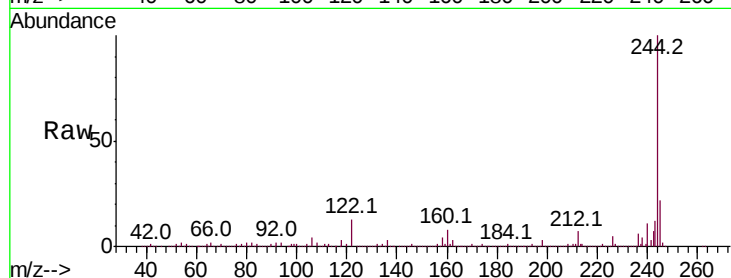
Tot Ion:244 Resp: 3119031

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

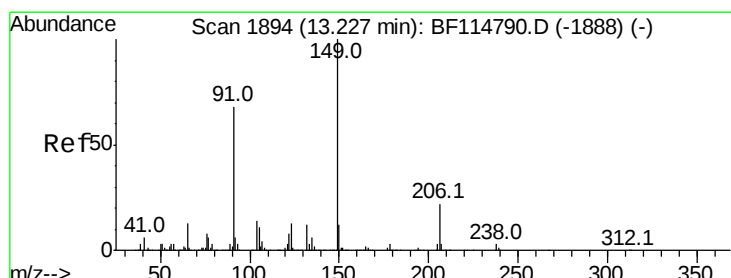
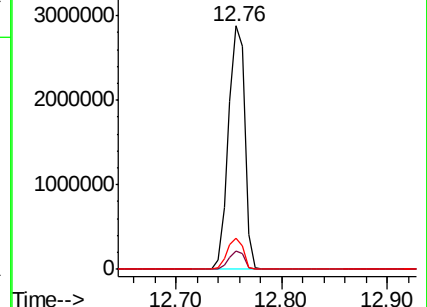
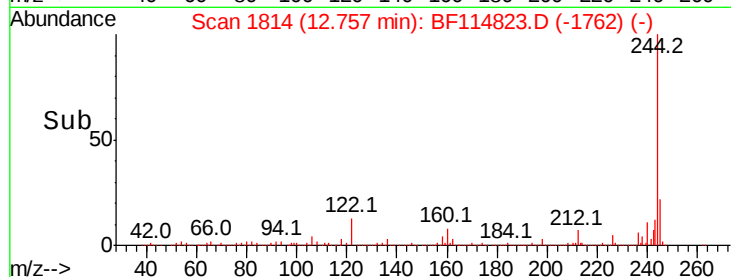
122 13.0 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.755 ng

RT: 13.23 min Scan# 1895

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

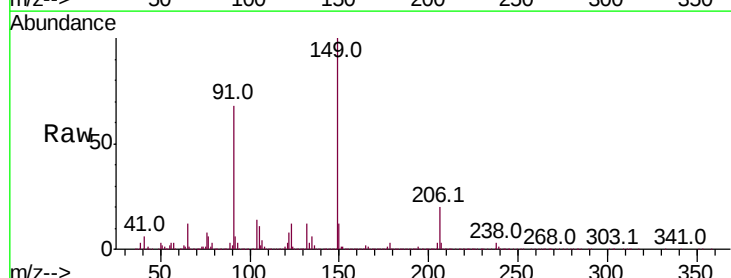
Tgt Ion:149 Resp: 1342709

Ion Ratio Lower Upper

149 100

91 68.1 54.6 82.0

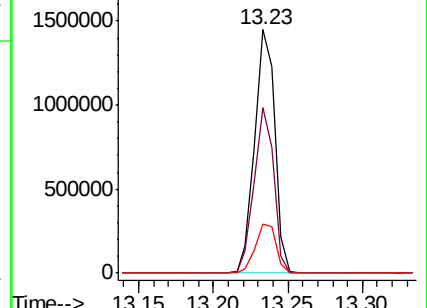
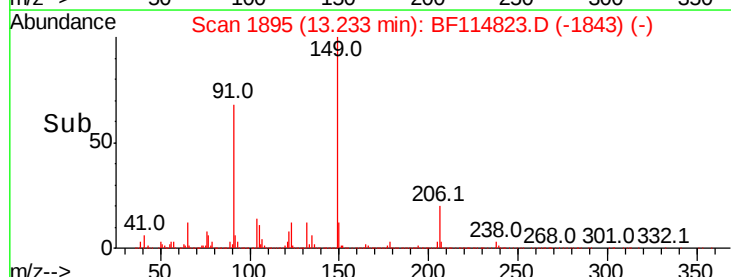
206 19.9 17.2 25.8

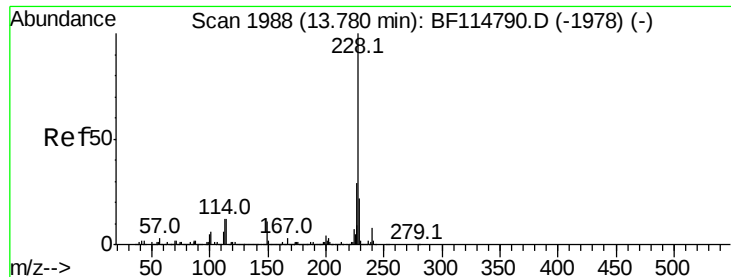


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.951 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

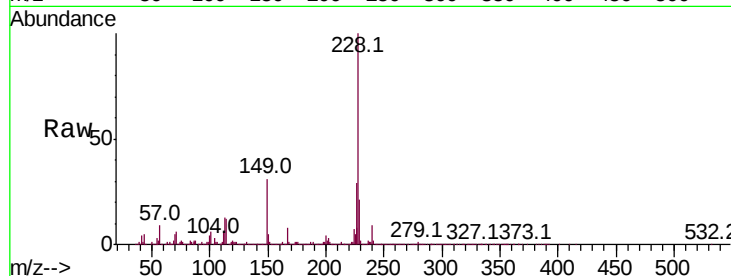
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2373875

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	21.0	17.4	26.0

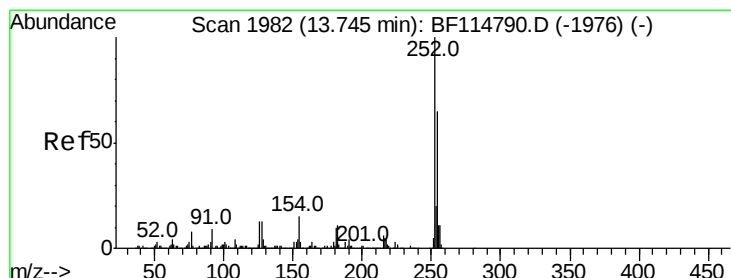
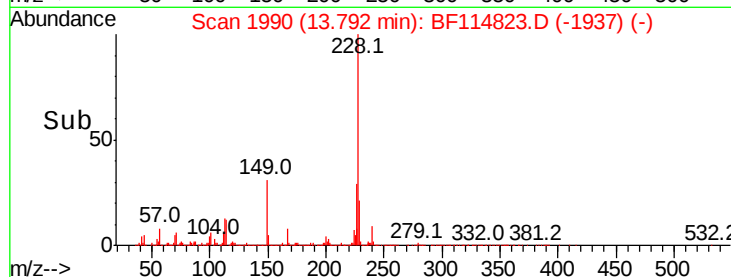
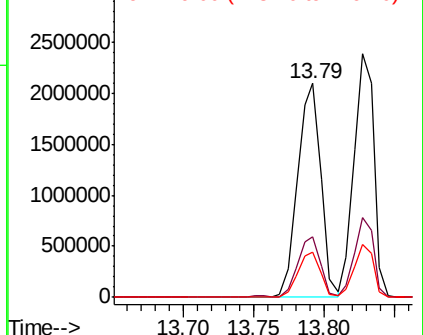


Abundance

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: 41.155 ng

RT: 13.76 min Scan# 1984

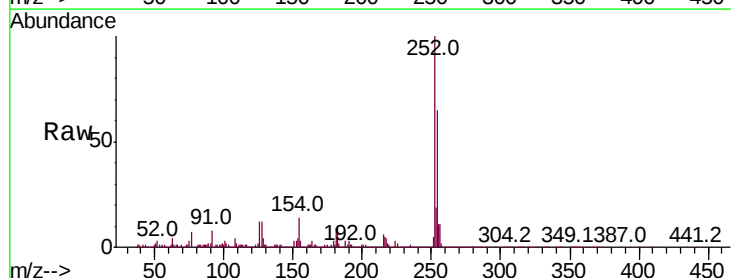
Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Tgt Ion:252 Resp: 1017041

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	12.0	10.5	15.7

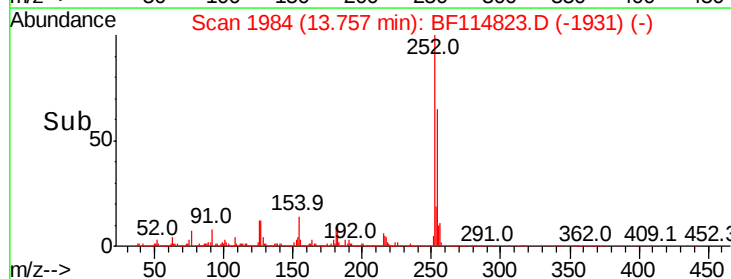
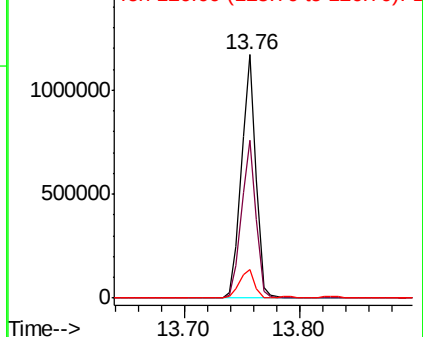


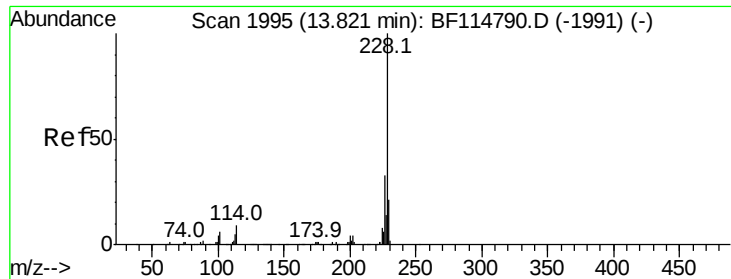
Abundance

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: 39.552 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Instrument :

BNA_F

ClientSampleId :

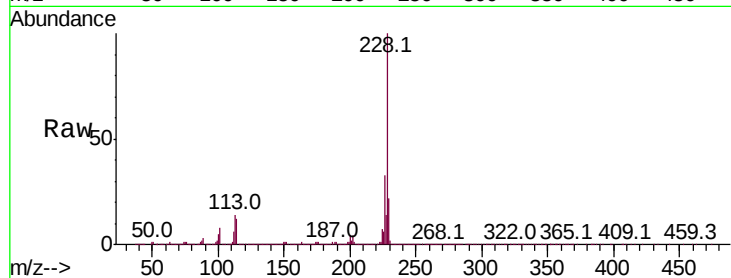
Tot Ion:228 Resp: 2344941

Ion Ratio Lower Upper

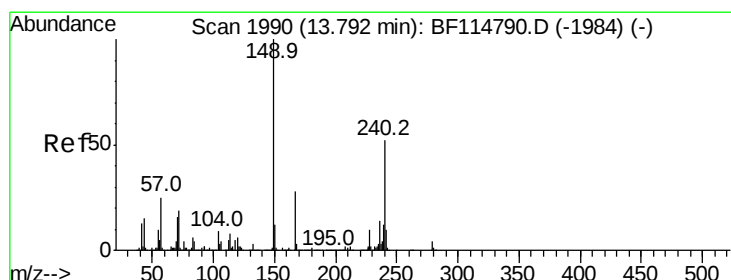
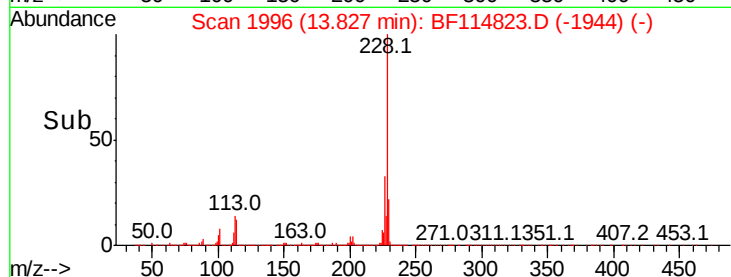
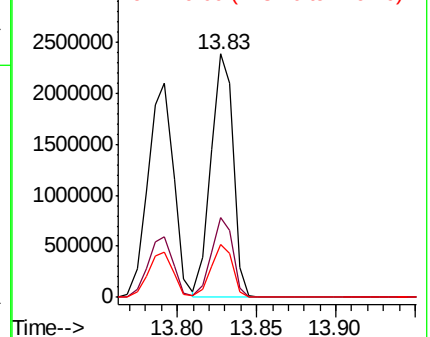
228 100

226 32.6 26.0 39.0

229 21.6 17.1 25.7



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: 36.444 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

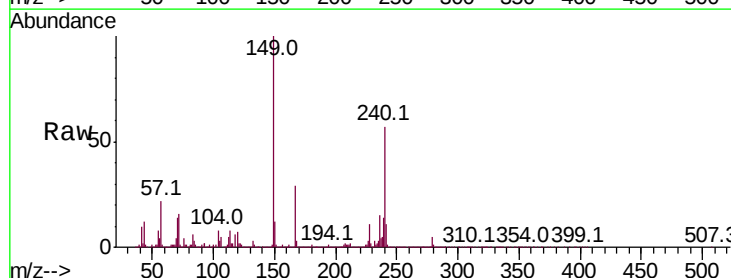
Tgt Ion:149 Resp: 1596605

Ion Ratio Lower Upper

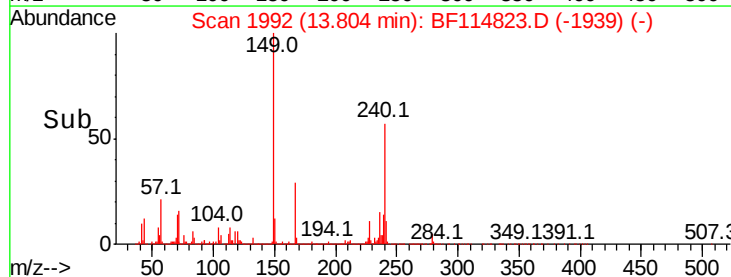
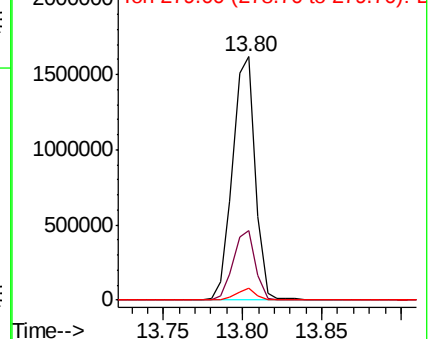
149 100

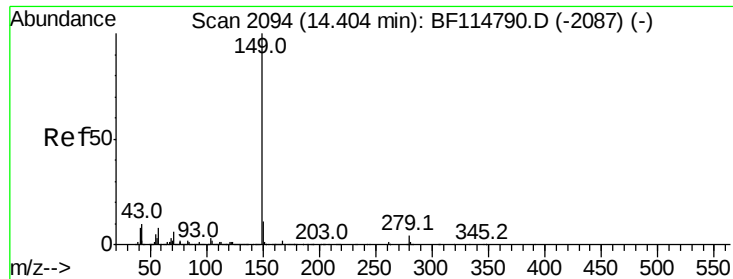
167 28.7 22.7 34.1

279 4.7 3.1 4.7#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.417 ng

RT: 14.41 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Instrument :

BNA_F

ClientSampleId :

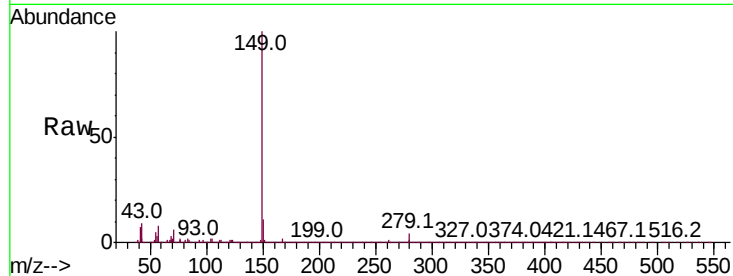
Tot Ion:149 Resp: 2859783

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

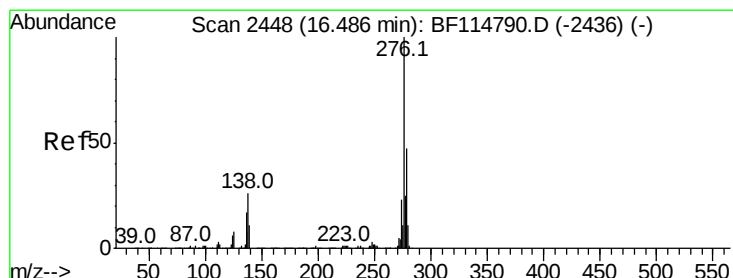
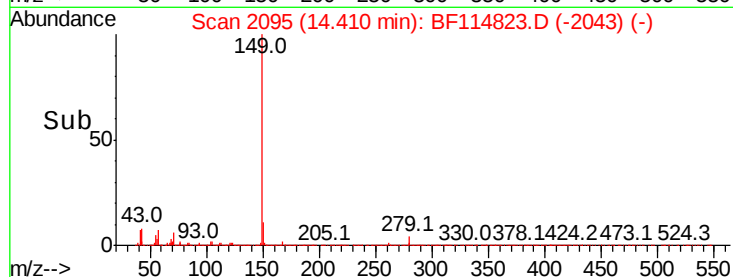
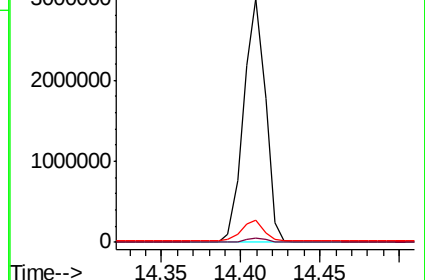
43 8.2 7.0 10.6



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: 35.788 ng

RT: 16.50 min Scan# 2451

Delta R.T. 0.02 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

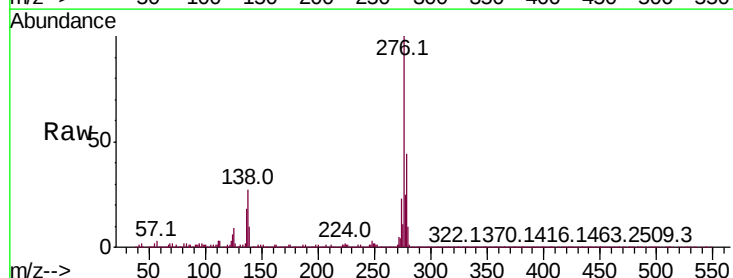
Tgt Ion:276 Resp: 2420936

Ion Ratio Lower Upper

276 100

138 28.5 22.2 33.4

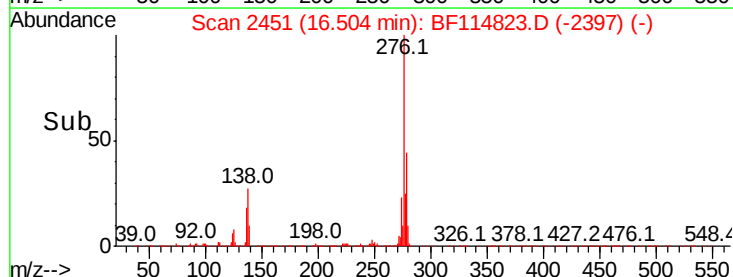
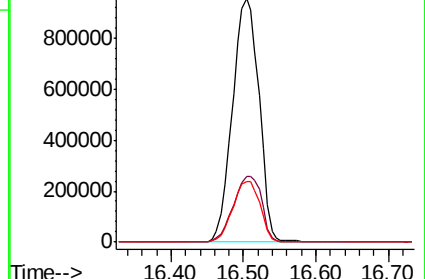
277 25.6 20.6 30.8

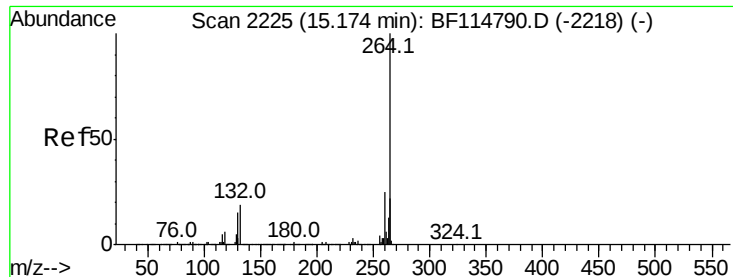


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.19 min Scan# 2227

Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

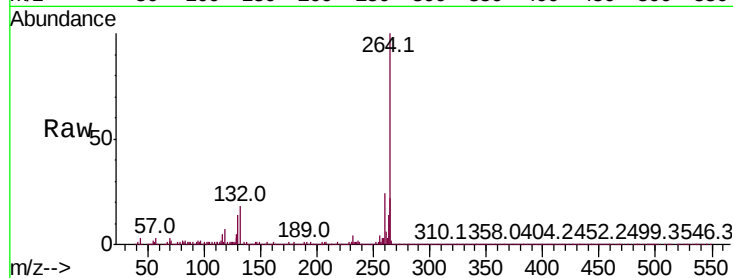
Instrument :

BNA_F

ClientSampled :

Tot Ion:264 Resp: 980680

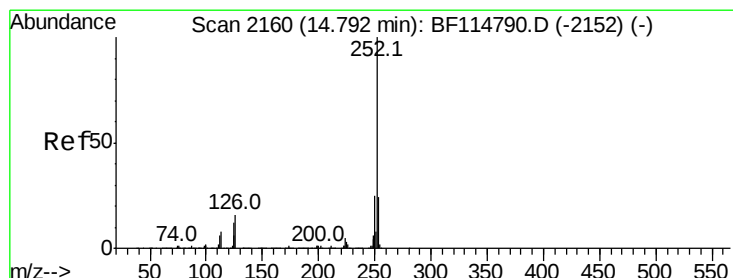
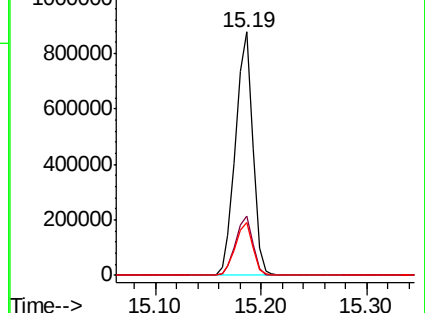
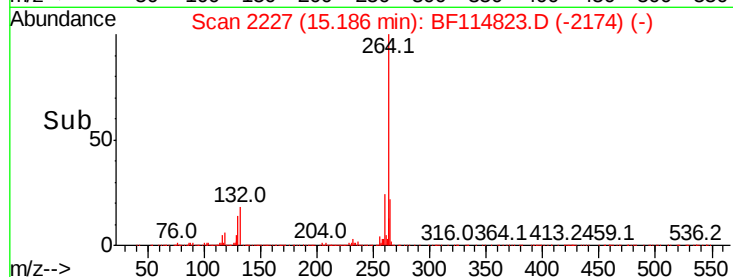
Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.1	30.1
265	21.9	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.439 ng

RT: 14.80 min Scan# 2161

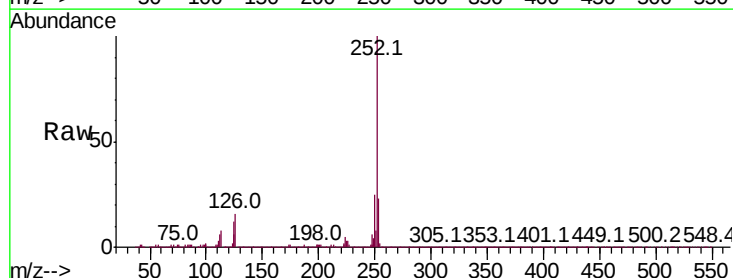
Delta R.T. 0.01 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Tgt Ion:252 Resp: 2587103

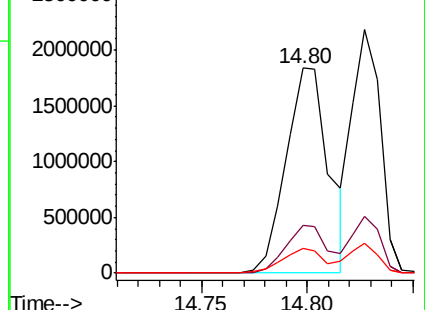
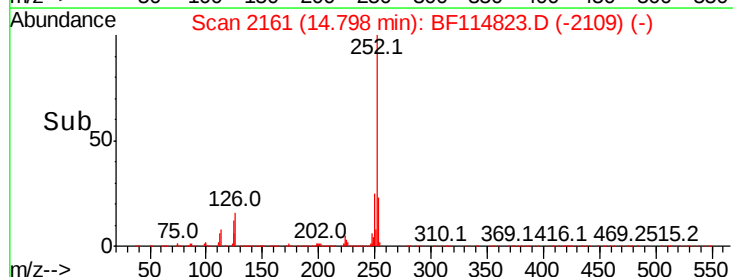
Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.6
125	12.4	9.4	14.0

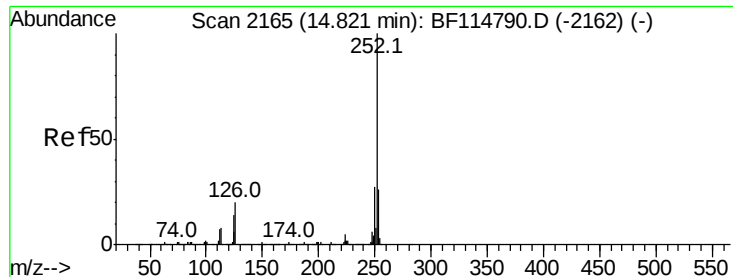


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

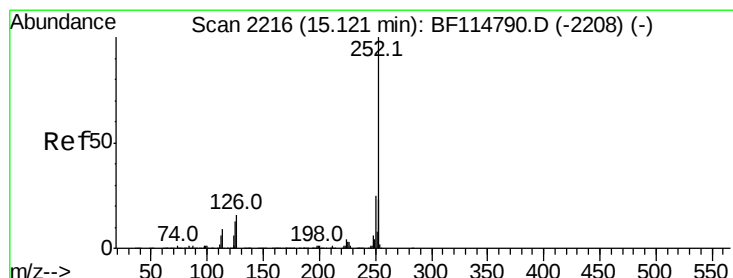
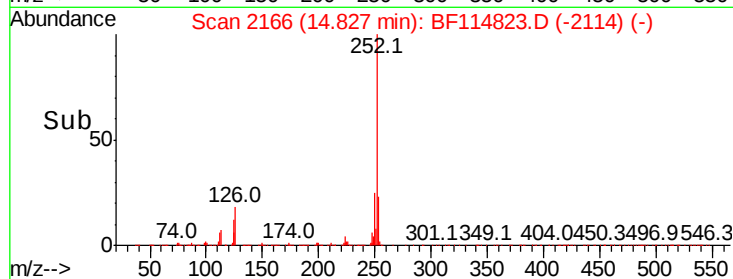
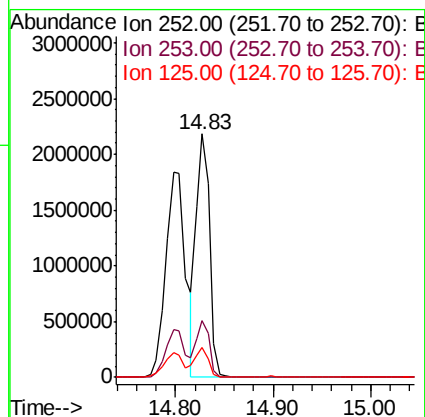
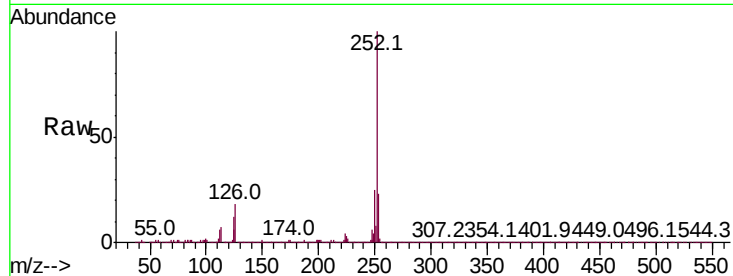




#89
Benzo(k)fluoranthene
Concen: 38.803 ng
RT: 14.83 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

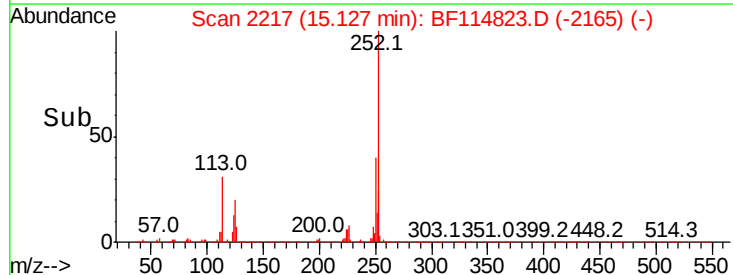
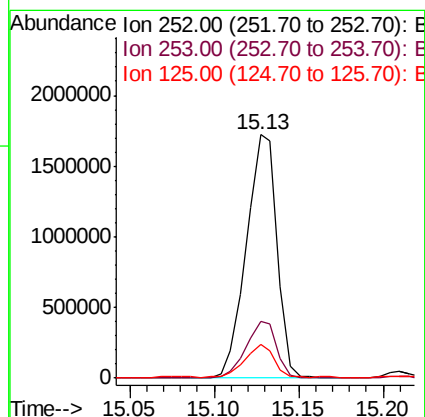
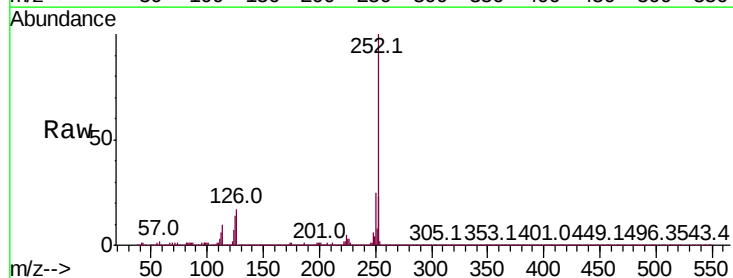
Instrument :
BNA_F
ClientSampled :

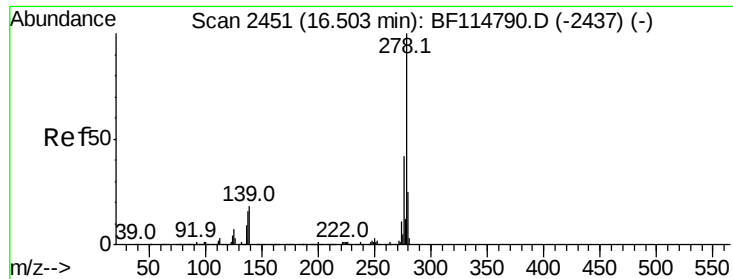
Tot Ion:252 Resp: 2057270
Ion Ratio Lower Upper
252 100
253 23.4 19.3 28.9
125 12.2 10.1 15.1



#90
Benzo(a)pyrene
Concen: 40.367 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF114823.D
Acq: 5 Jun 2019 17:35

Tgt Ion:252 Resp: 2181290
Ion Ratio Lower Upper
252 100
253 23.2 18.5 27.7
125 13.8 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 38.642 ng

RT: 16.52 min Scan# 2454

Delta R.T. 0.02 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

Instrument :

BNA_F

ClientSampleId :

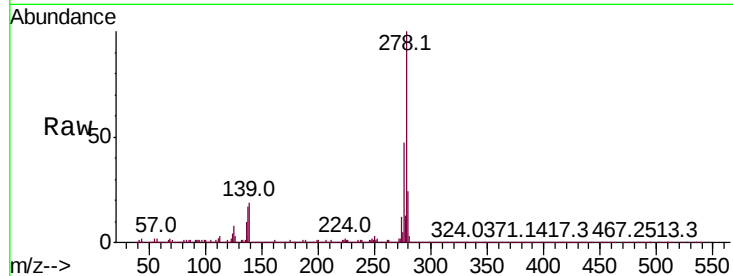
Tot Ion:278 Resp: 1977477

Ion Ratio Lower Upper

278 100

139 18.7 14.6 22.0

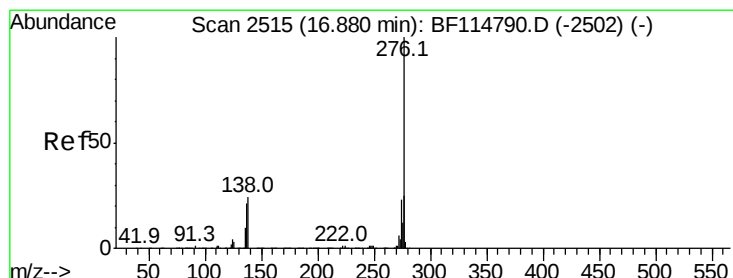
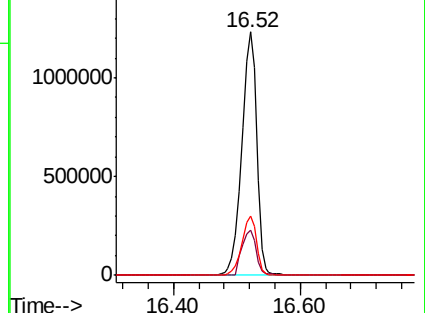
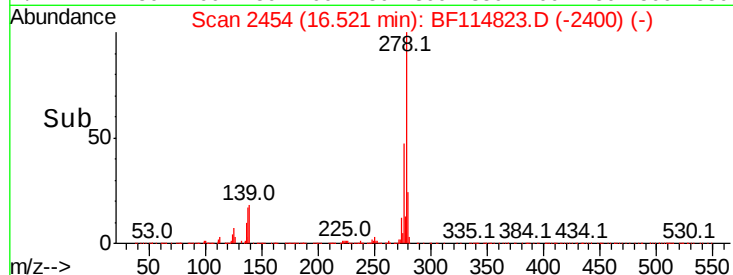
279 24.5 20.1 30.1



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: 38.014 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.02 min

Lab File: BF114823.D

Acq: 5 Jun 2019 17:35

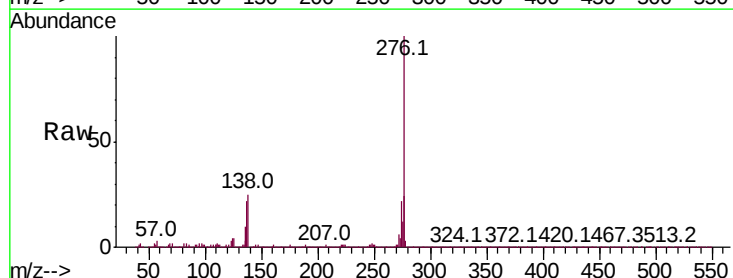
Tgt Ion:276 Resp: 1956258

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.6

138 24.7 19.4 29.2



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

