

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114693.D
 Acq On : 31 May 2019 8:23
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 31 12:12:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 12:07:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	452484	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	1794721	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	866142	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1630813	20.00	ng	0.00
76) Chrysene-d12	13.83	240	850024	20.00	ng	0.00
87) Perylene-d12	15.22	264	922193	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	2018697	78.33	ng	0.00
7) Phenol-d6	6.34	99	2459129	79.18	ng	0.00
23) Nitrobenzene-d5	7.27	82	2359635	82.03	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	708964	85.90	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3811255	82.12	ng	0.00
79) Terphenyl-d14	12.79	244	3898788	86.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	479742	38.790	ng	100
3) Pyridine	3.06	79	1383280	38.431	ng	100
4) n-Nitrosodimethylamine	3.01	42	549806	37.747	ng	100
6) Aniline	6.36	93	1818100	38.757	ng	100
8) 2-Chlorophenol	6.49	128	1218453	40.938	ng	100
9) Benzaldehyde	6.25	77	761360	45.524	ng	100
10) Phenol	6.36	94	1435424	38.261	ng	100
11) bis(2-Chloroethyl)ether	6.44	93	1150124	40.079	ng	100
12) 1,3-Dichlorobenzene	6.65	146	1375715	40.570	ng	100
13) 1,4-Dichlorobenzene	6.72	146	1368659	40.234	ng	100
14) 1,2-Dichlorobenzene	6.87	146	1255434	40.536	ng	100
15) Benzyl Alcohol	6.85	79	984565	40.303	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1638815	37.234	ng	100
17) 2-Methylphenol	6.96	107	1027066	40.799	ng	100
18) Hexachloroethane	7.22	117	506170	39.300	ng	100
19) n-Nitroso-di-n-propylamine	7.13	70	816669	38.097	ng	100
20) 3+4-Methylphenols	7.12	107	1105363	37.334	ng	100
22) Acetophenone	7.12	105	1539338	40.255	ng	100
24) Nitrobenzene	7.29	77	1226605	40.141	ng	100
25) Isophorone	7.53	82	2266650	39.262	ng	100
26) 2-Nitrophenol	7.60	139	658699	44.284	ng	100
27) 2,4-Dimethylphenol	7.65	122	1006053	40.668	ng	100
28) bis(2-Chloroethoxy)methane	7.74	93	1480925	40.298	ng	100
29) 2,4-Dichlorophenol	7.85	162	1042499	41.402	ng	100
30) 1,2,4-Trichlorobenzene	7.93	180	1194958	41.655	ng	100
31) Naphthalene	8.00	128	3173787	38.392	ng	100
32) Benzoic acid	7.79	122	663482	41.293	ng	100
33) 4-Chloroaniline	8.05	127	1592936	40.445	ng	100
34) Hexachlorobutadiene	8.13	225	665140	41.737	ng	100
35) Caprolactam	8.44	113	353618	41.615	ng	100
36) 4-Chloro-3-methylphenol	8.54	107	1026391	40.647	ng	100
37) 2-Methylnaphthalene	8.69	142	2200420	40.061	ng	100
38) 1-Methylnaphthalene	8.79	142	2117218	40.684	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	996464	43.201	ng	100

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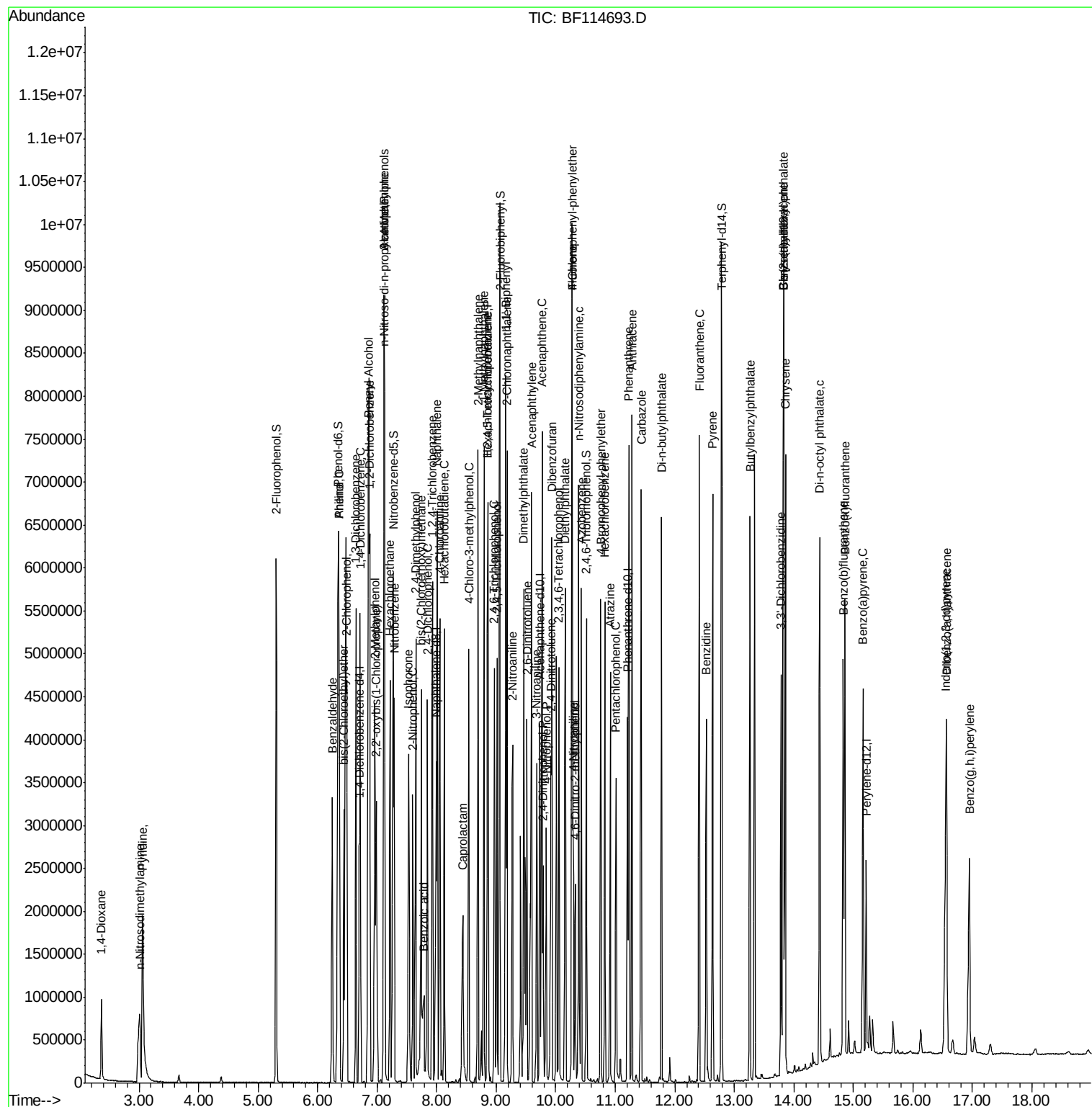
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	632692	41.508	ng	100
43) 2,4,6-Trichlorophenol	8.97	196	772527	42.565	ng	100
44) 2,4,5-Trichlorophenol	9.01	196	789426	43.588	ng	100
46) 1,1'-Biphenyl	9.16	154	2565302	39.899	ng	100
47) 2-Chloronaphthalene	9.18	162	2174479	41.230	ng	100
48) 2-Nitroaniline	9.27	65	694666	42.682	ng	100
49) Acenaphthylene	9.59	152	3169845	38.904	ng	100
50) Dimethylphthalate	9.46	163	2506708	41.533	ng	100
51) 2,6-Dinitrotoluene	9.52	165	599657	42.759	ng	100
52) Acenaphthene	9.77	154	2082741	41.681	ng	100
53) 3-Nitroaniline	9.68	138	747854	43.571	ng	100
54) 2,4-Dinitrophenol	9.79	184	315420	57.020	ng	100
55) Dibenzofuran	9.94	168	2754382	38.724	ng	100
56) 4-Nitrophenol	9.84	139	533748	41.963	ng	100
57) 2,4-Dinitrotoluene	9.92	165	771290	42.853	ng	100
58) Fluorene	10.28	166	1922466	39.535	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	637066	42.974	ng	100
60) Diethylphthalate	10.16	149	2479214	40.219	ng	100
61) 4-Chlorophenyl-phenylether	10.27	204	1000470	41.226	ng	100
62) 4-Nitroaniline	10.29	138	717688	42.910	ng	100
63) Azobenzene	10.43	77	2181889	38.553	ng	100
65) 4,6-Dinitro-2-methylphenol	10.33	198	318420	44.034	ng	100
66) n-Nitrosodiphenylamine	10.39	169	1972703	40.942	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	736329	42.104	ng	100
68) Hexachlorobenzene	10.83	284	780834	41.222	ng	100
69) Atrazine	10.92	200	613579	39.571	ng	100
70) Pentachlorophenol	11.02	266	451126	41.316	ng	100
71) Phenanthrene	11.23	178	3065275	36.846	ng	100
72) Anthracene	11.28	178	3095468	36.765	ng	100
73) Carbazole	11.43	167	2860755	38.660	ng	100
74) Di-n-butylphthalate	11.77	149	3455831	36.955	ng	100
75) Fluoranthene	12.41	202	3089884	35.870	ng	100
77) Benzidine	12.53	184	1538840	43.964	ng	100
78) Pyrene	12.64	202	3114191	43.310	ng	100
80) Butylbenzylphthalate	13.26	149	1565021	43.308	ng	100
81) Benzo(a)anthracene	13.82	228	2567269	39.302	ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	1077057	42.696	ng	100
83) Chrysene	13.86	228	2516250	40.319	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	1799882	40.288	ng	100
85) Di-n-octyl phthalate	14.43	149	3149738	40.578	ng	100
86) Indeno(1,2,3-cd)pyrene	16.55	276	2290186	36.639	ng	100
88) Benzo(b)fluoranthene	14.83	252	2318029	39.909	ng	100
89) Benzo(k)fluoranthene	14.86	252	2177478	43.132	ng	100
90) Benzo(a)pyrene	15.16	252	2080036	40.765	ng	100
91) Dibenzo(a,h)anthracene	16.57	278	1855817	41.159	ng	100
92) Benzo(g,h,i)perylene	16.95	276	1871302	42.761	ng	100

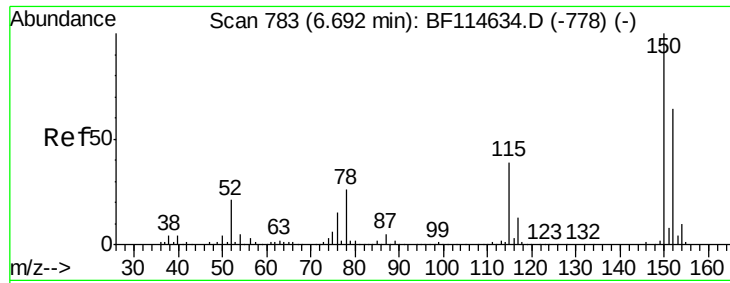
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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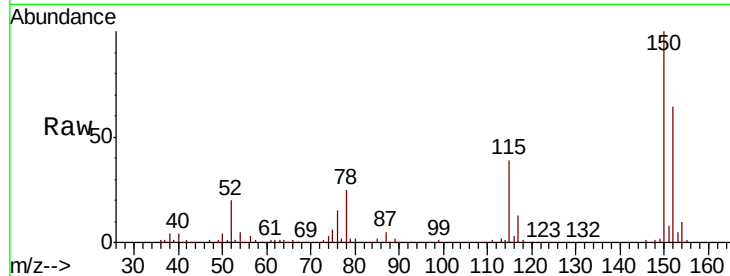


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.3	186.5
115	61.0	48.8	73.2

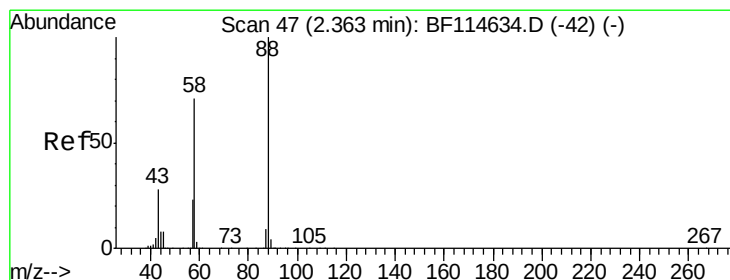
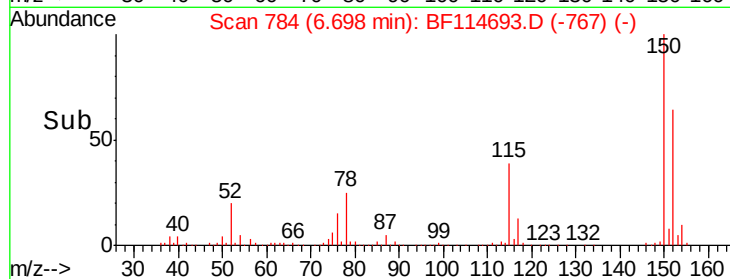
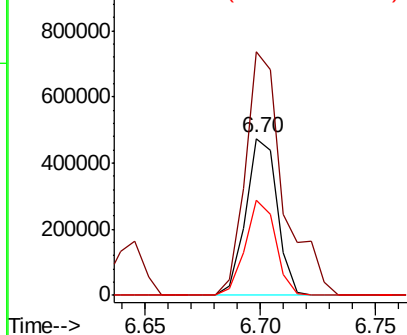


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

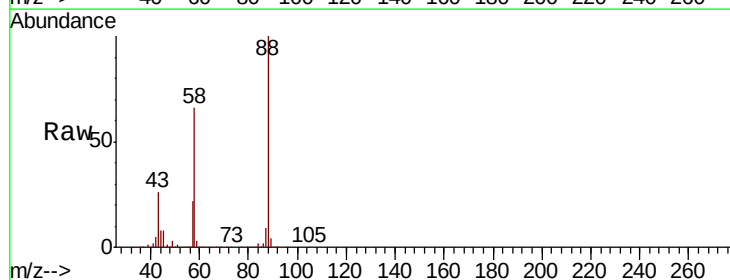
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.790 ng
RT: 2.37 min Scan# 48
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.7	55.0	82.4
43	26.2	21.0	31.4

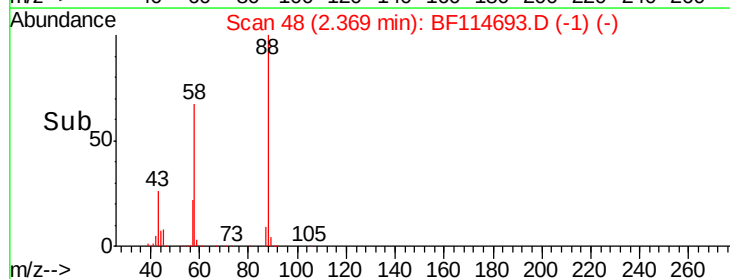
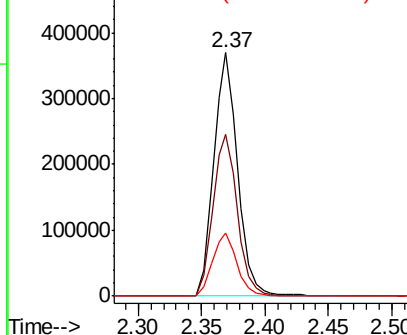


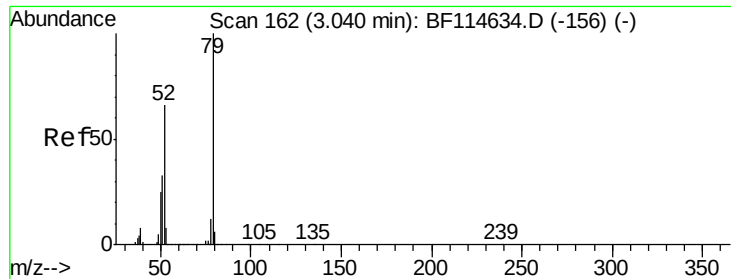
Abundance

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: 38.431 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

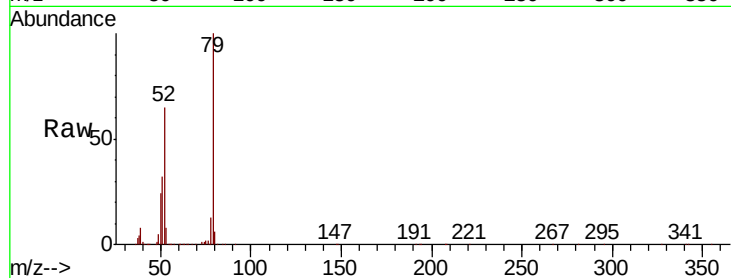
Tot Ion: 79 Resp: 1383280

Ion Ratio Lower Upper

79 100

52 64.9 51.9 77.9

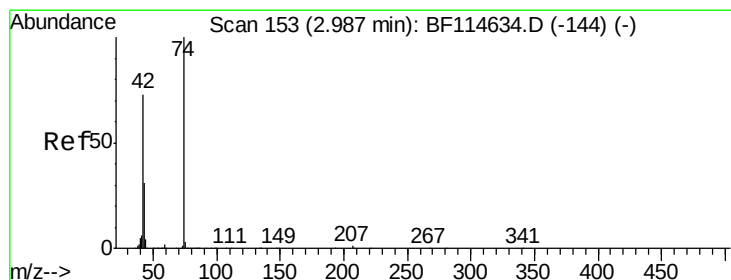
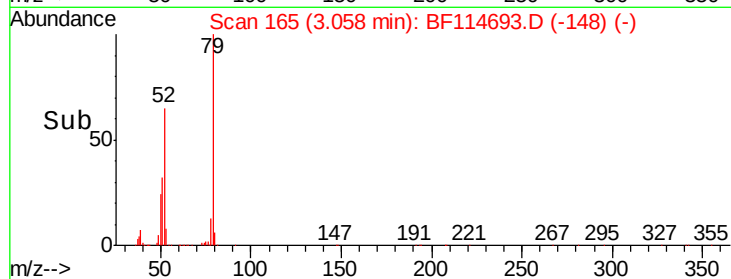
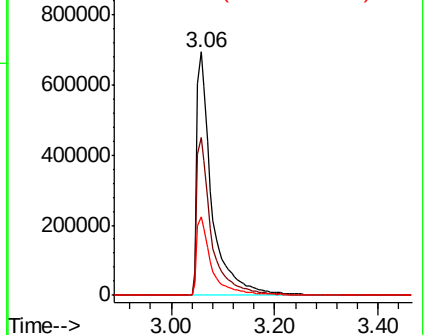
51 32.4 25.9 38.9



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: 37.747 ng

RT: 3.01 min Scan# 157

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

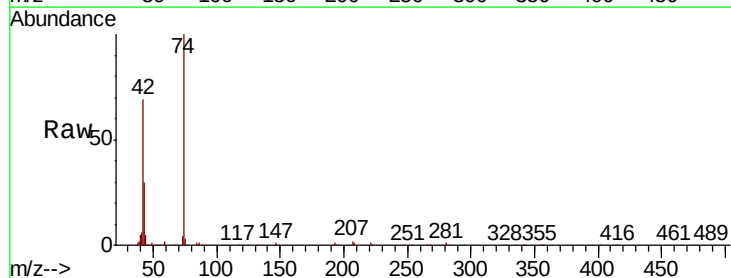
Tgt Ion: 42 Resp: 549806

Ion Ratio Lower Upper

42 100

74 146.0 116.8 175.2

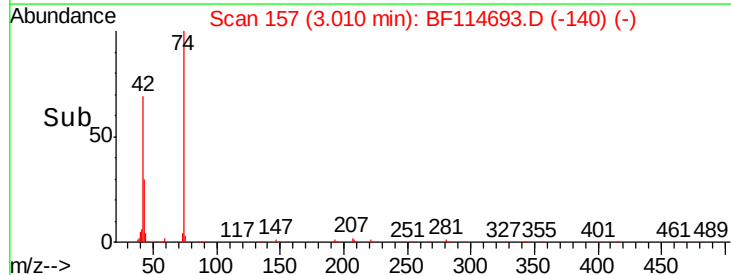
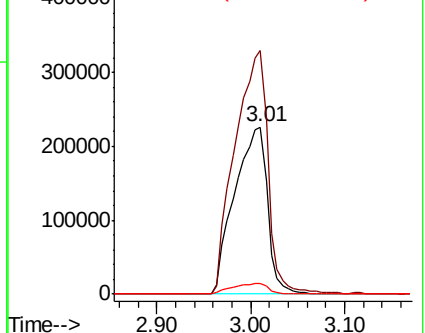
44 6.6 5.3 7.9

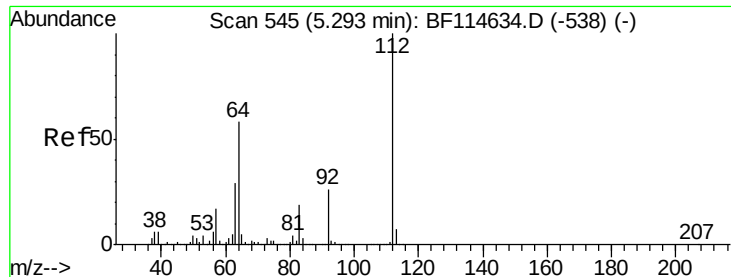


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 78.329 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

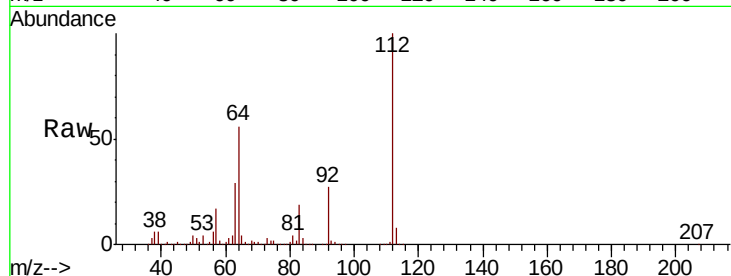
Instrument :

BNA_F

ClientSampleId :

Tot Ion:112 Resp: 2018697

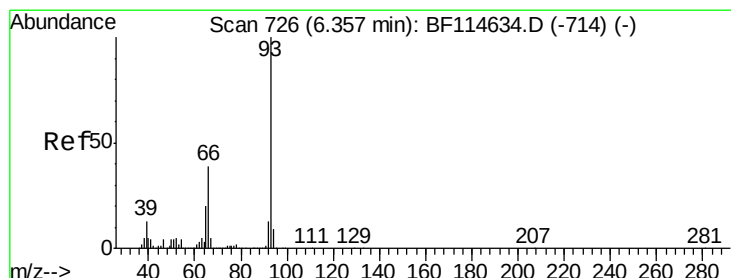
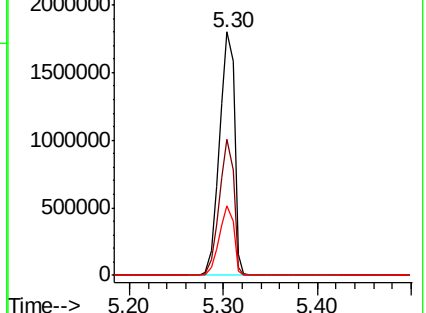
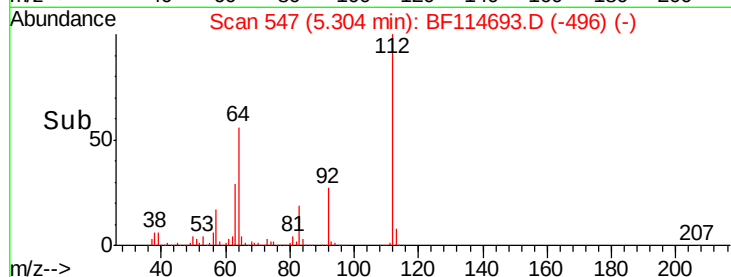
Ion	Ratio	Lower	Upper
112	100		
64	56.0	44.8	67.2
63	28.8	23.0	34.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.757 ng

RT: 6.36 min Scan# 727

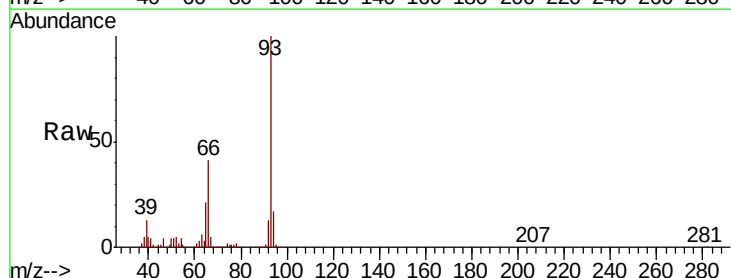
Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Tgt Ion: 93 Resp: 1818100

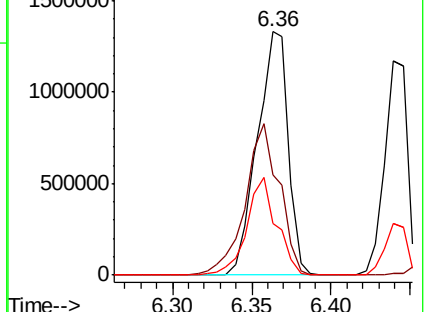
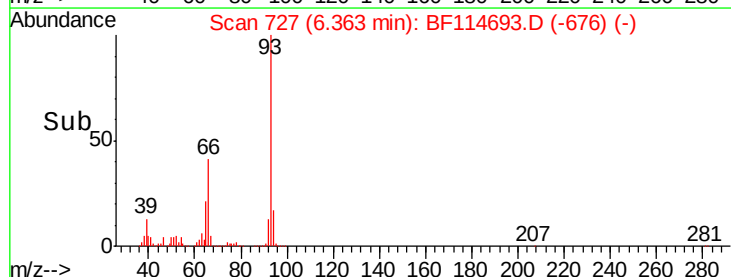
Ion	Ratio	Lower	Upper
93	100		
66	41.4	33.1	49.7
65	21.2	17.0	25.4

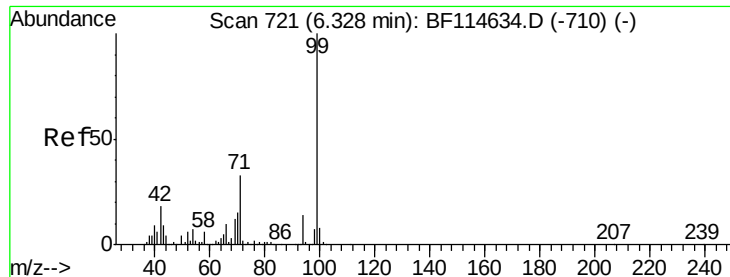


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.183 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

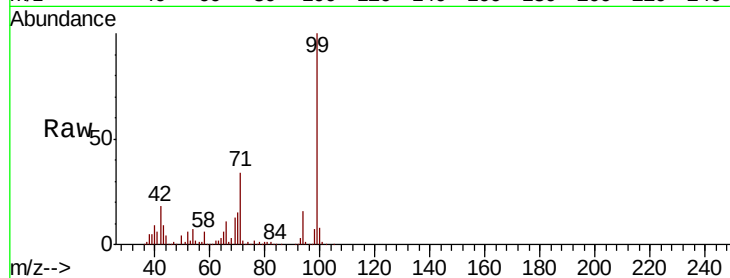
Tot Ion: 99 Resp: 2459129

Ion Ratio Lower Upper

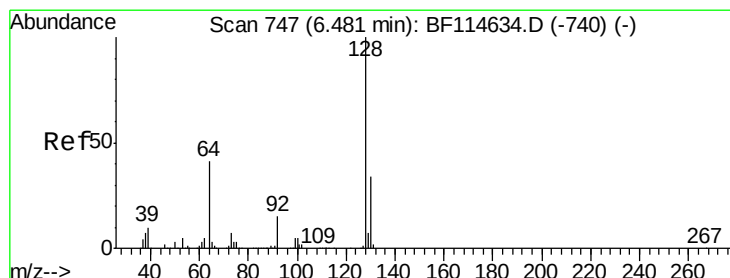
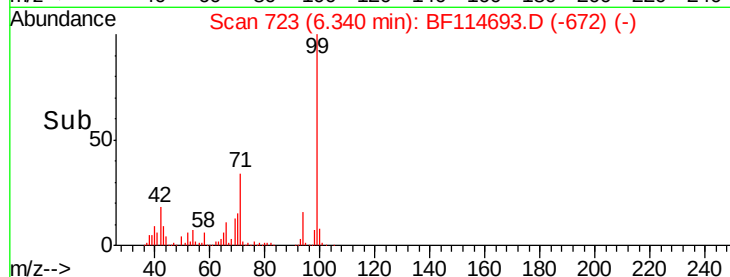
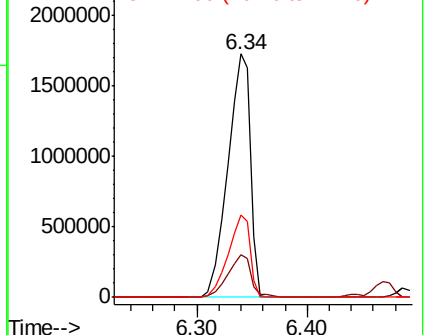
99 100

42 17.6 14.1 21.1

71 34.1 27.3 40.9



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



#8

2-Chlorophenol

Concen: 40.938 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

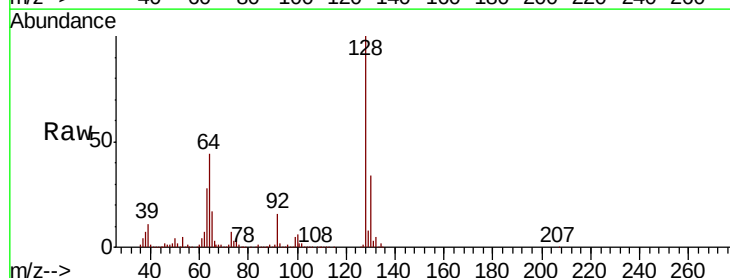
Tgt Ion:128 Resp: 1218453

Ion Ratio Lower Upper

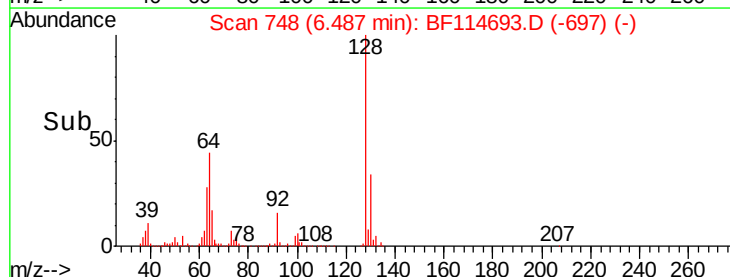
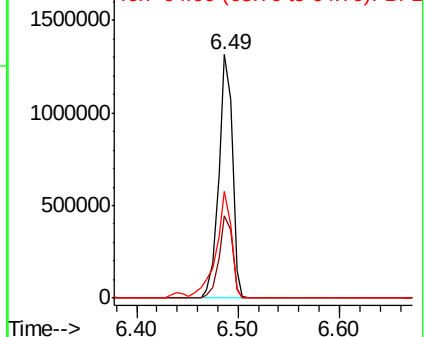
128 100

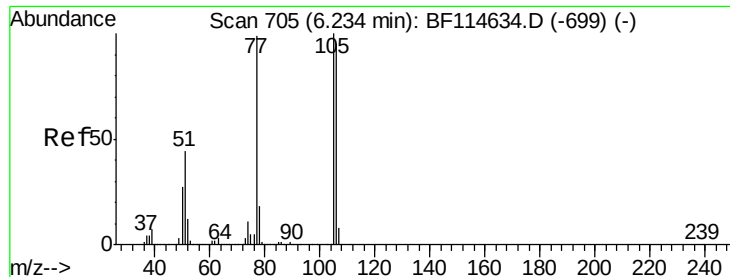
130 33.6 13.6 53.6

64 44.0 24.0 64.0



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





#9

Benzaldehyde

Concen: 45.524 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

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Acq: 31 May 2019 8:23

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ClientSampleId :

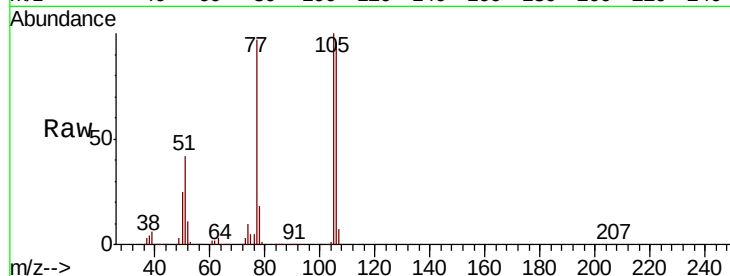
Tot Ion: 77 Resp: 761360

Ion Ratio Lower Upper

77 100

105 103.0 83.0 123.0

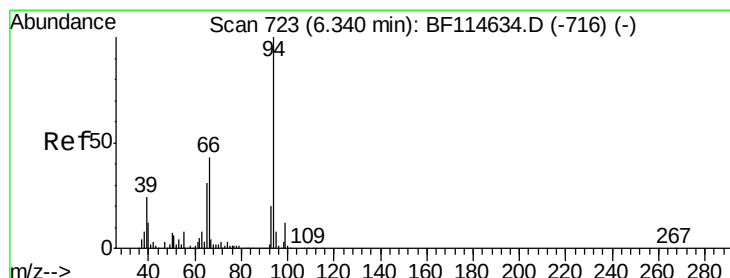
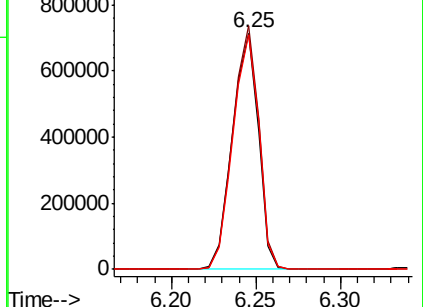
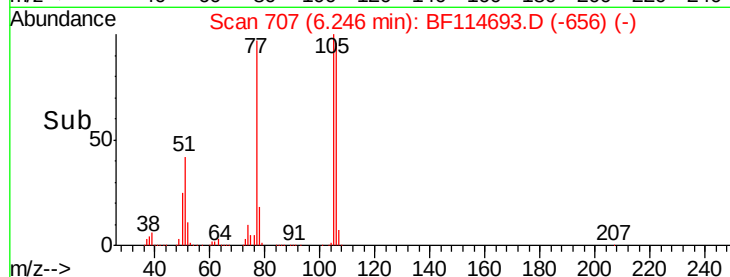
106 99.2 79.2 119.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.261 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

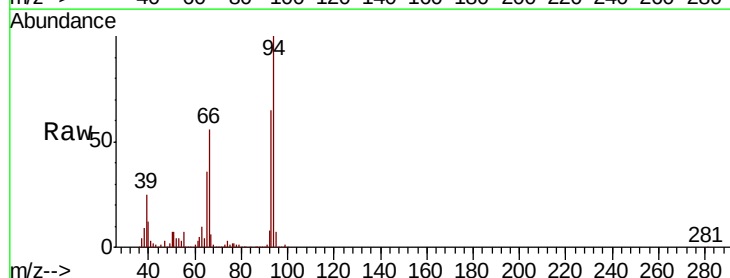
Tgt Ion: 94 Resp: 1435424

Ion Ratio Lower Upper

94 100

65 36.5 16.5 56.5

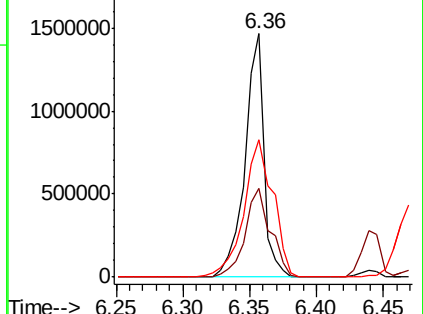
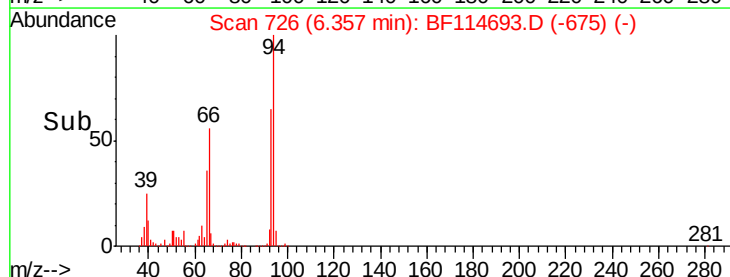
66 56.3 36.3 76.3

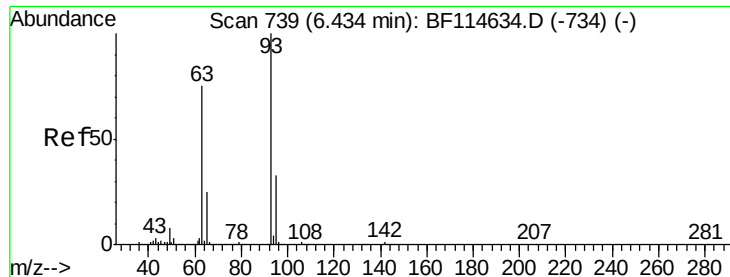


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.079 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

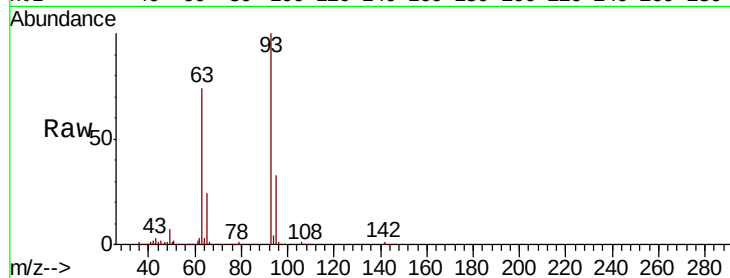
Tot Ion: 93 Resp: 1150124

Ion	Ratio	Lower	Upper
93	100		
63	73.5	53.5	93.5
95	33.5	13.5	53.5

93 100

63 73.5 53.5 93.5

95 33.5 13.5 53.5

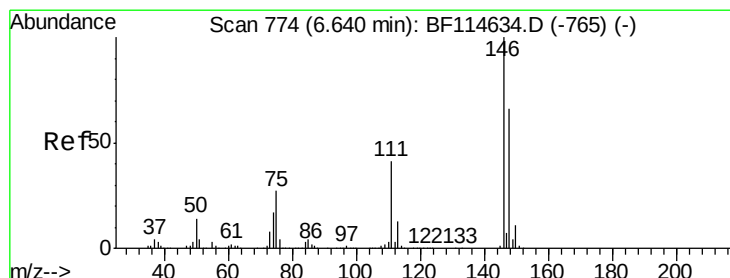
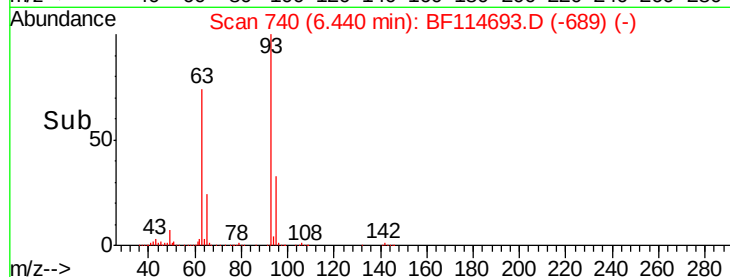
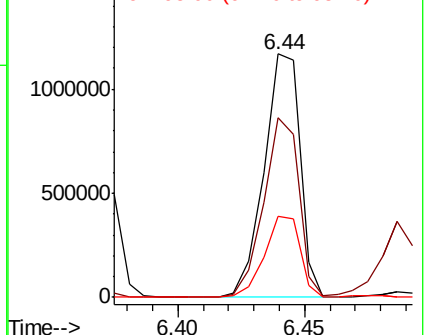


Abundance

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: 40.570 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

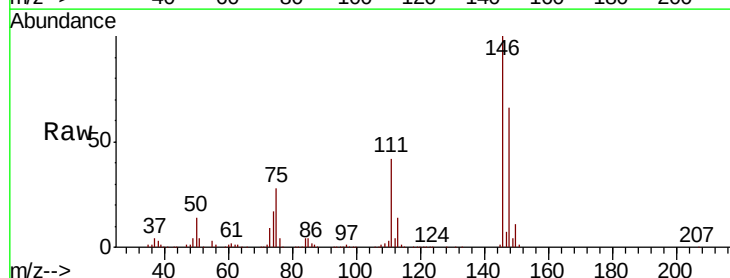
Tgt Ion: 146 Resp: 1375715

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.4	78.6
75	28.3	22.6	34.0

146 100

148 65.5 52.4 78.6

75 28.3 22.6 34.0

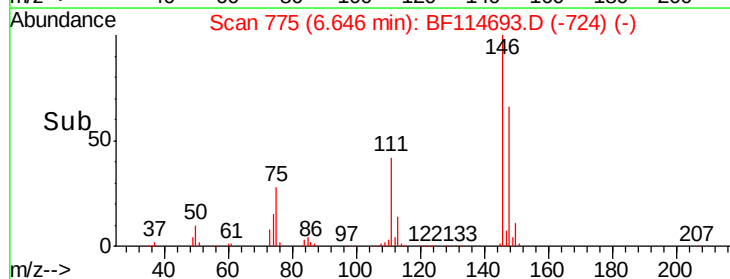
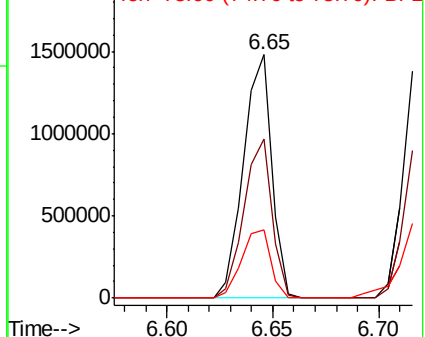


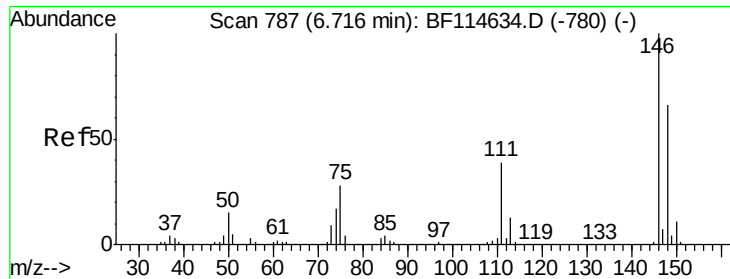
Abundance

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

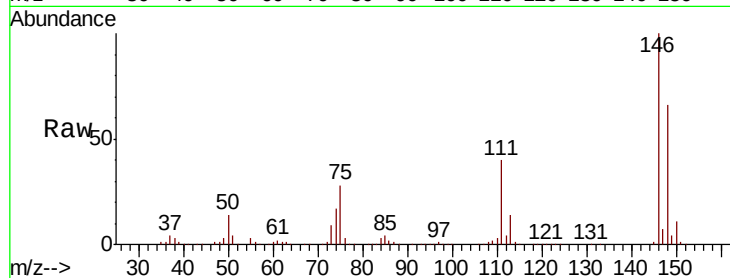




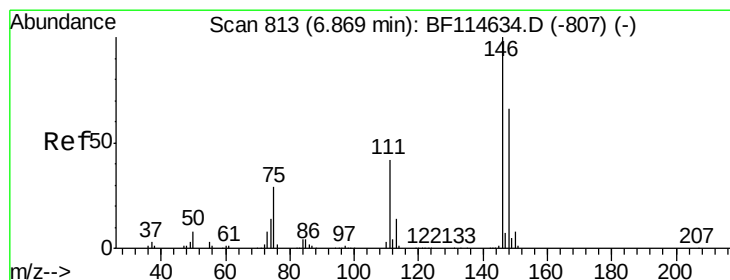
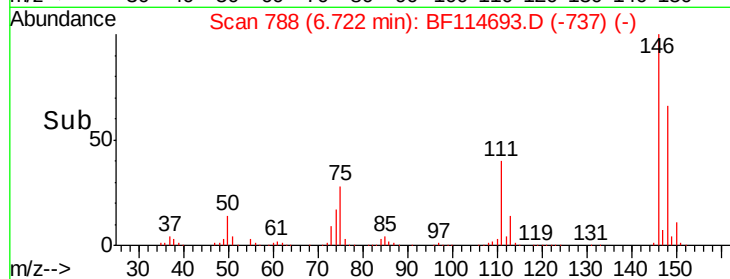
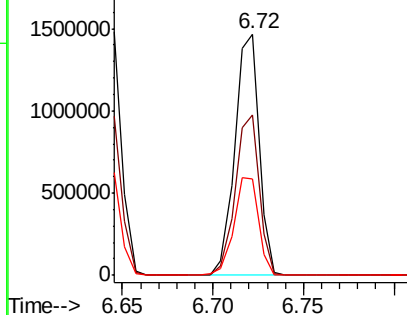
#13
 1,4-Dichlorobenzene
 Concen: 40.234 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 1368659
 Ion Ratio Lower Upper
 146 100
 148 66.5 53.2 79.8
 111 39.9 31.9 47.9

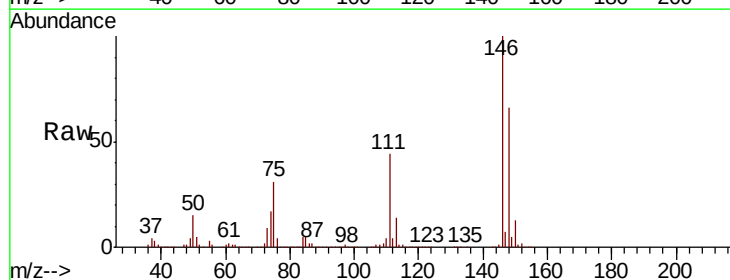


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

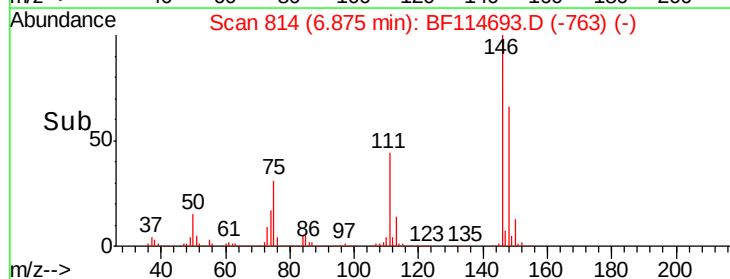
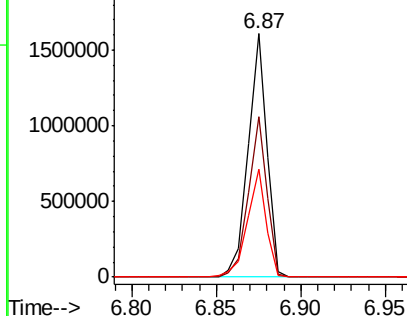


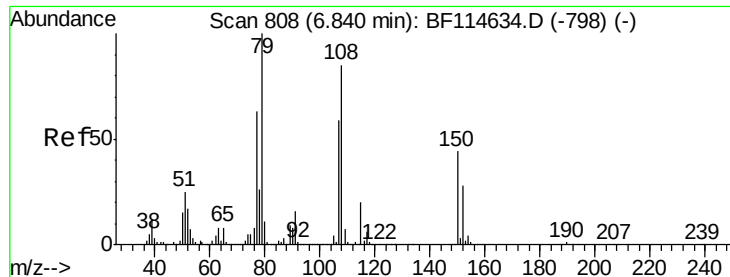
#14
 1,2-Dichlorobenzene
 Concen: 40.536 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

Tgt Ion:146 Resp: 1255434
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.9 79.3
 111 44.4 35.5 53.3



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: 40.303 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

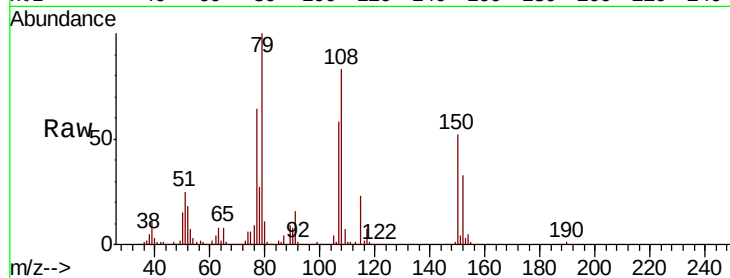
Tot Ion: 79 Resp: 984565

Ion Ratio Lower Upper

79 100

108 83.0 66.4 99.6

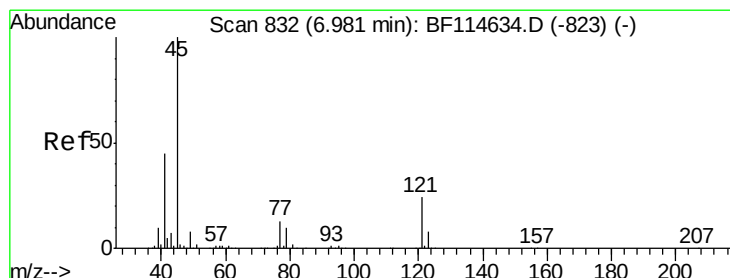
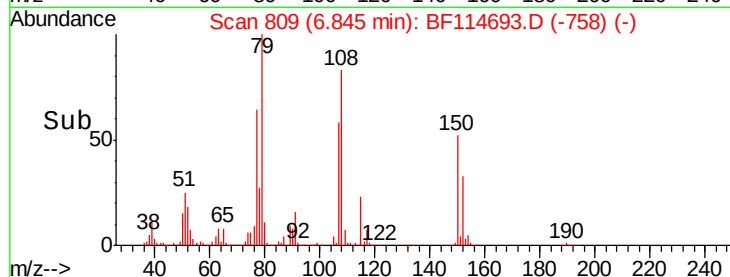
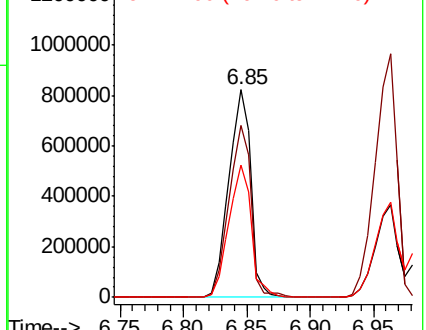
77 63.6 50.9 76.3



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: 37.234 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

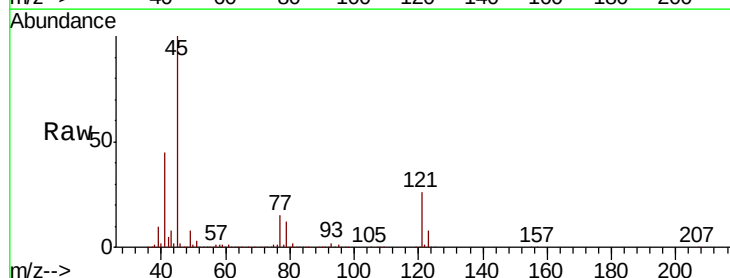
Tgt Ion: 45 Resp: 1638815

Ion Ratio Lower Upper

45 100

77 15.3 0.0 35.3

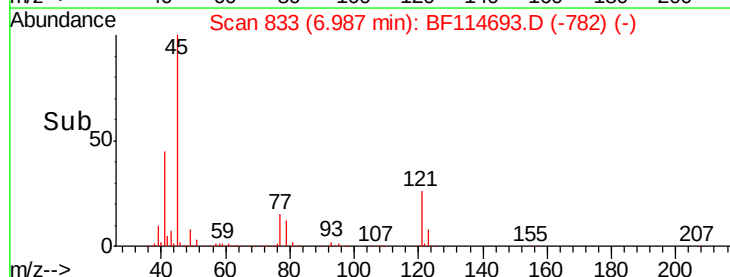
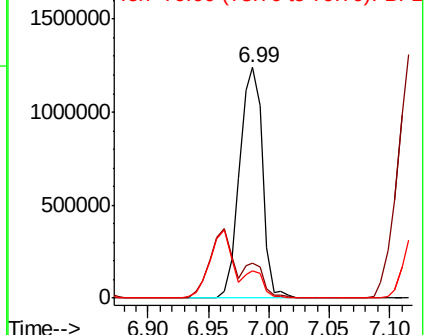
79 12.0 0.0 32.0

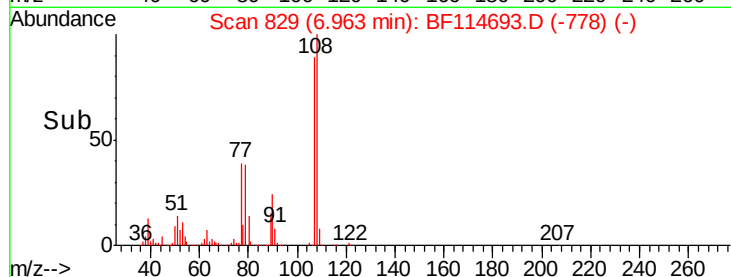
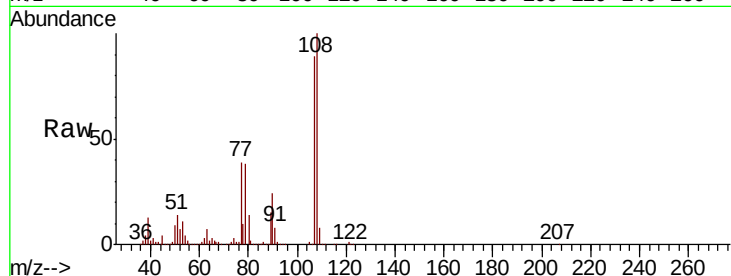
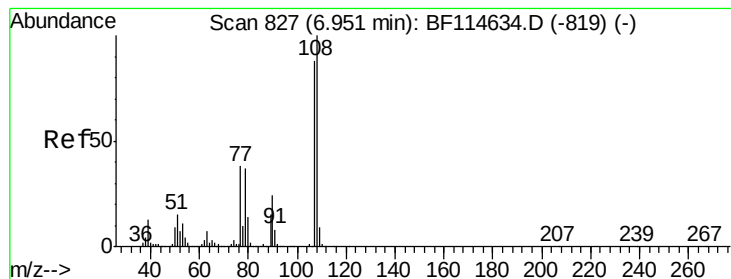


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.799 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 1027066

Ion Ratio Lower Upper

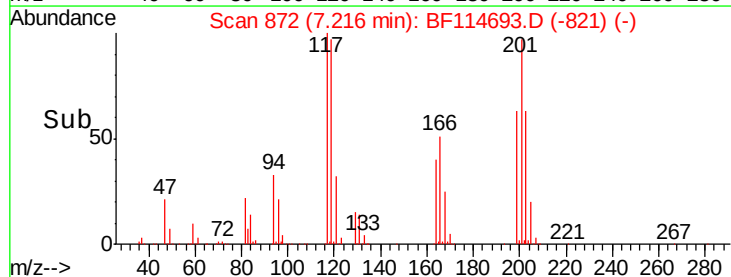
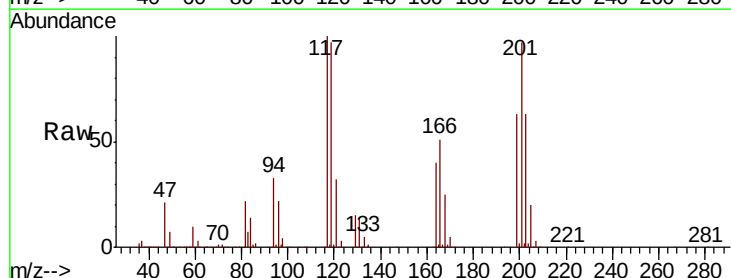
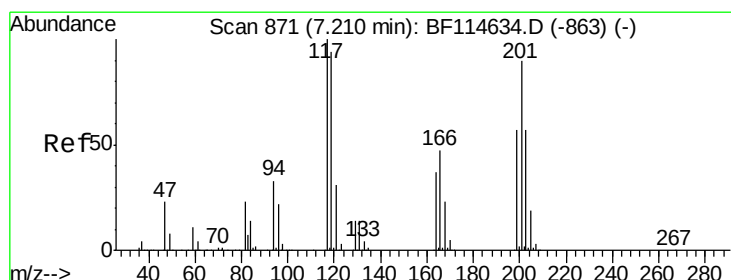
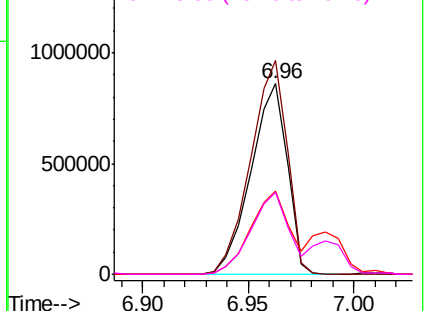
107 100

108 112.1 89.7 134.5

77 43.6 34.9 52.3

79 42.7 34.2 51.2

Abundance Ion 107.00 (106.70 to 107.70): E
1500000 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: 39.300 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Tgt Ion:117 Resp: 506170

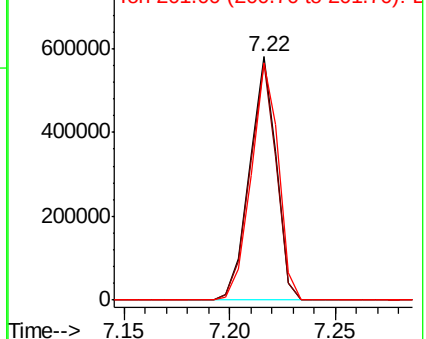
Ion Ratio Lower Upper

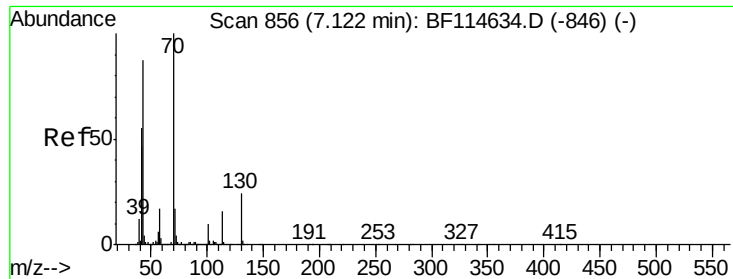
117 100

119 97.4 77.9 116.9

201 97.4 77.9 116.9

Abundance Ion 117.00 (116.70 to 117.70): E
800000 Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

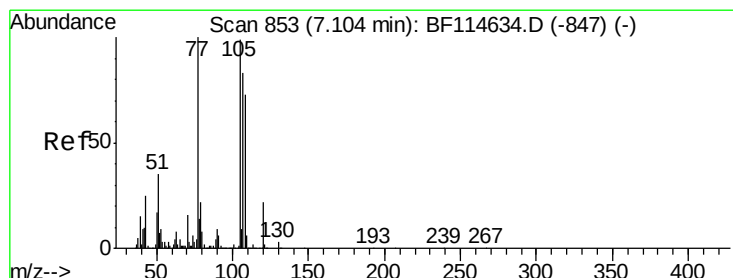
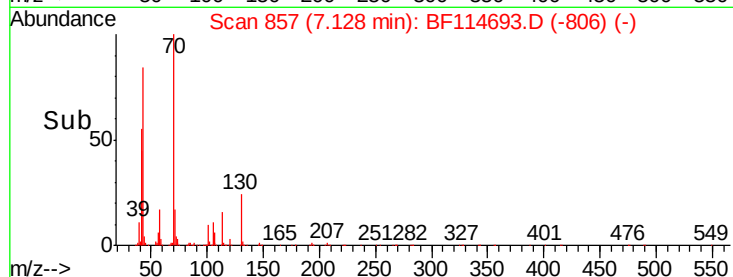
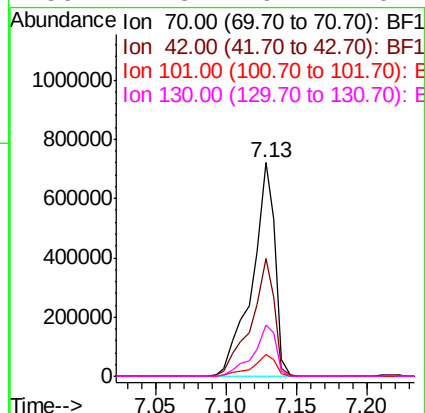
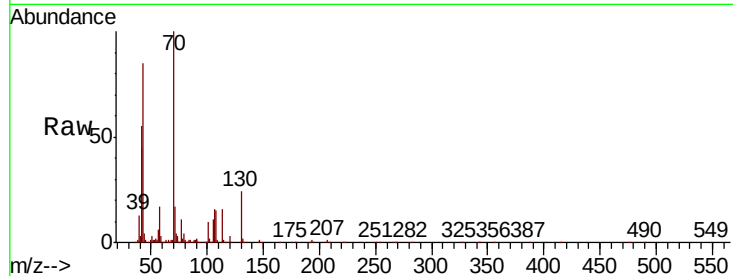




#19
n-Nitroso-di-n-propylamine
Concen: 38.097 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

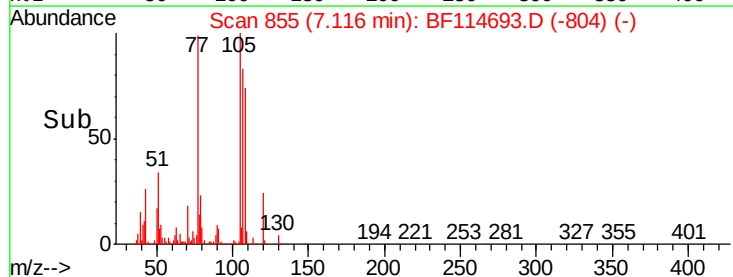
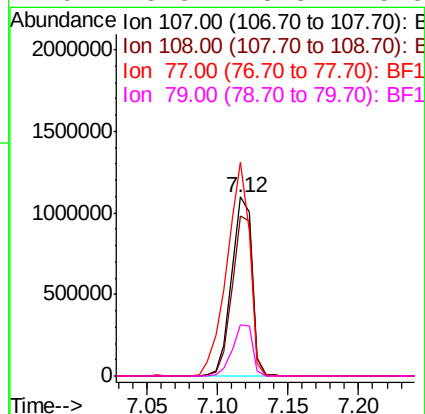
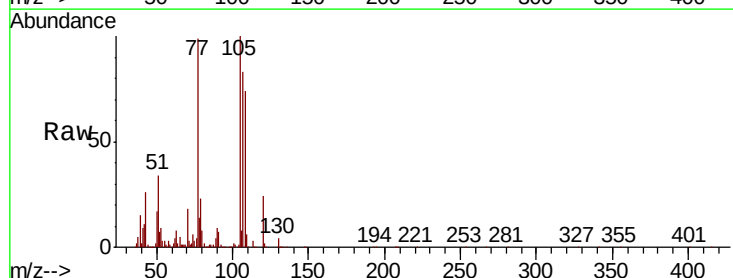
Instrument :
BNA_F
ClientSampleId :

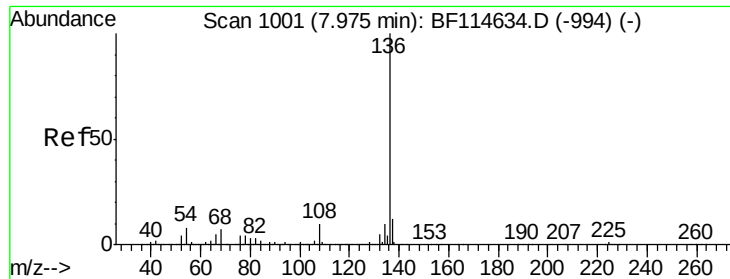
Tot Ion:	70	Resp:	816669
Ion	Ratio	Lower	Upper
70	100		
42	54.9	43.9	65.9
101	10.4	8.3	12.5
130	24.3	19.4	29.2



#20
3+4-Methylphenols
Concen: 37.334 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:	107	Resp:	1105363
Ion	Ratio	Lower	Upper
107	100		
108	89.7	69.7	109.7
77	119.5	99.5	139.5
79	28.3	8.3	48.3



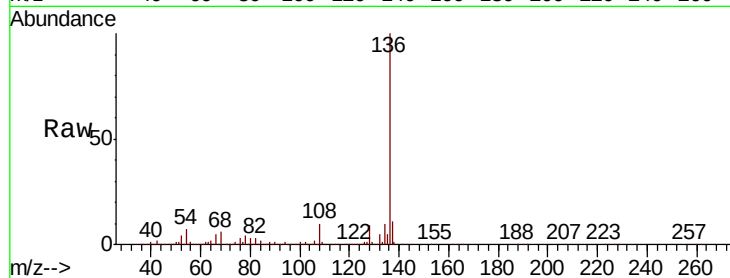


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1794721

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.5	5.2	7.8
68	5.7	4.6	6.8



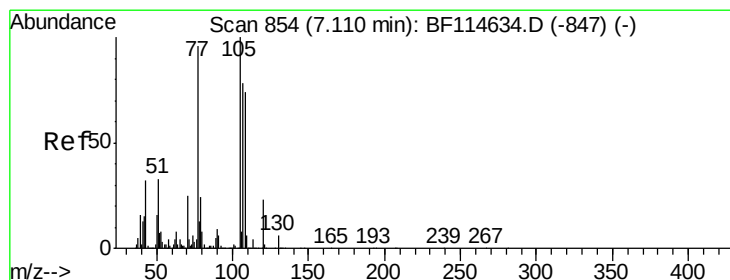
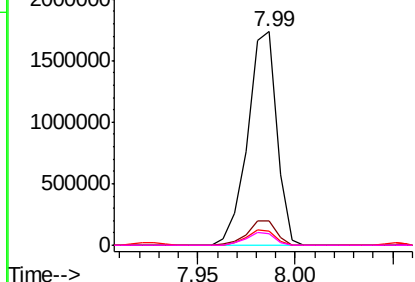
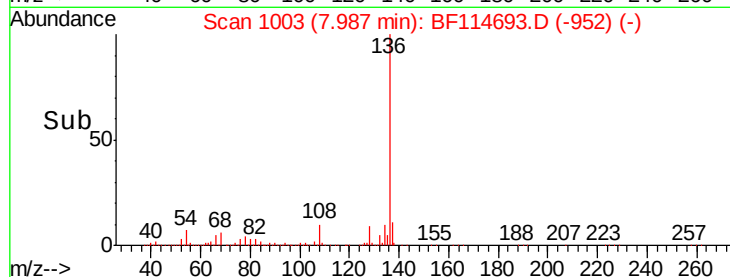
Abundance

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

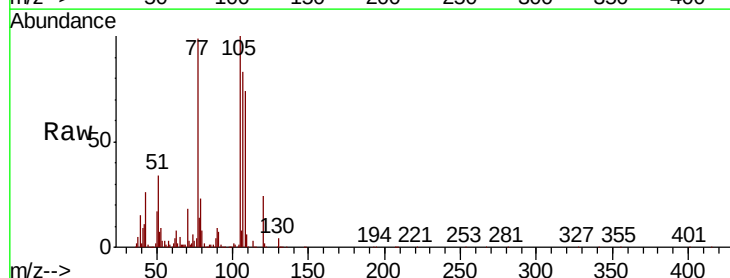
Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.255 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:105 Resp: 1539338

Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.5	3.7
51	34.2	27.4	41.0
120	23.5	18.8	28.2



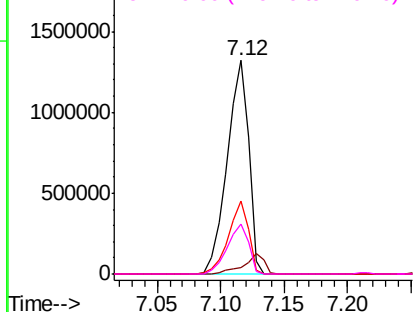
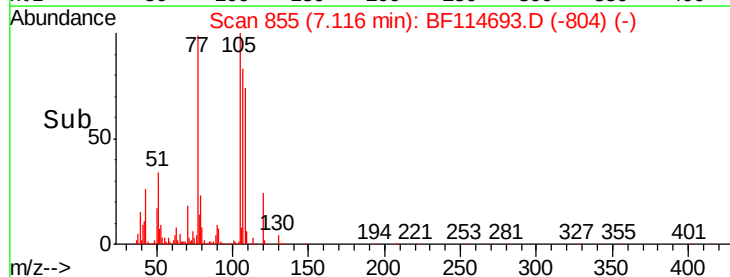
Abundance

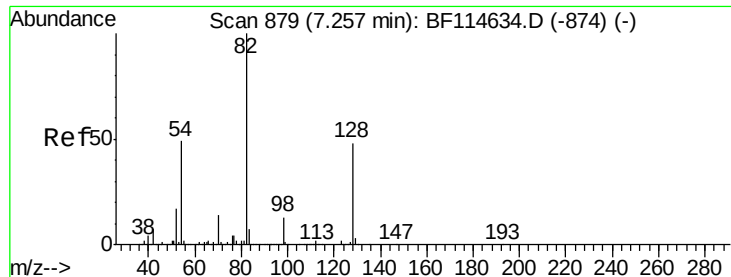
Ion 105.00 (104.70 to 105.70): E

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: 82.027 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampled :

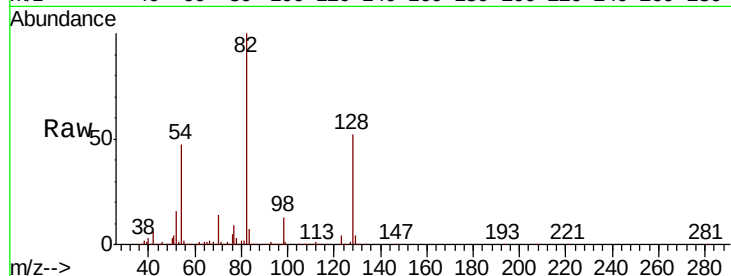
Tot Ion: 82 Resp: 2359635

Ion Ratio Lower Upper

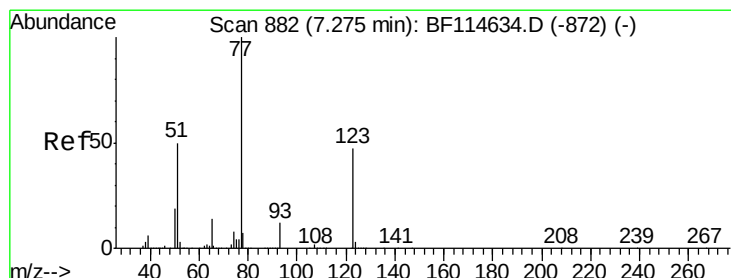
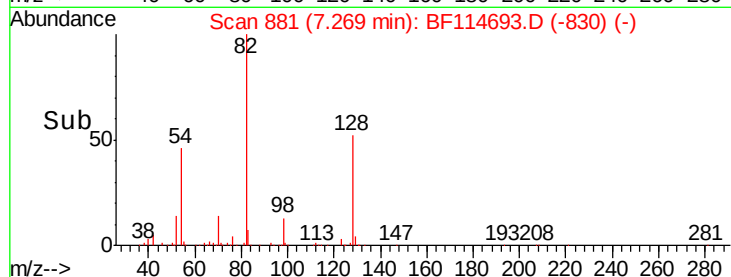
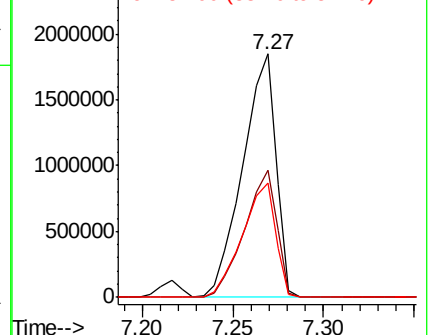
82 100

128 52.1 41.7 62.5

54 46.9 37.5 56.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
2500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.141 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

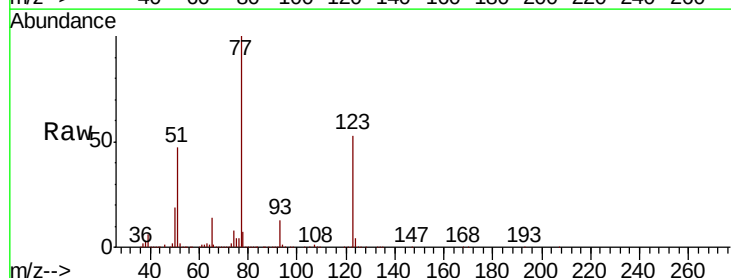
Tgt Ion: 77 Resp: 1226605

Ion Ratio Lower Upper

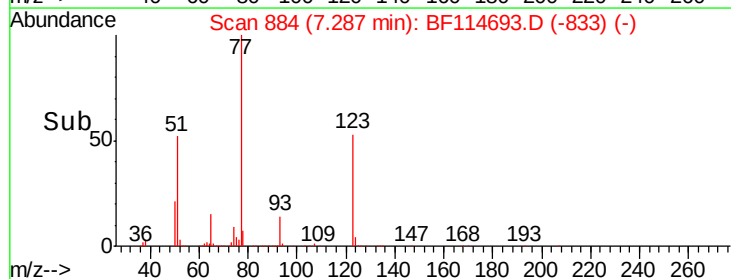
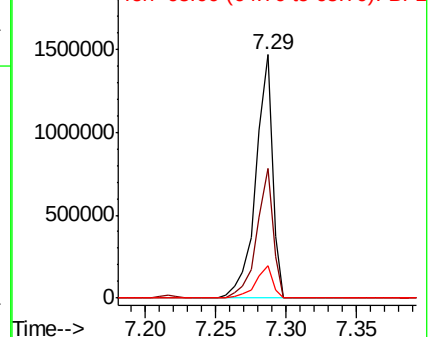
77 100

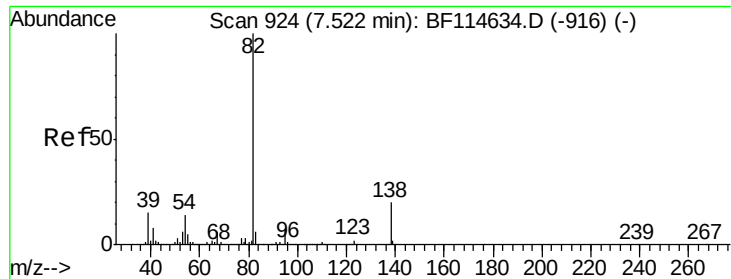
123 53.5 42.8 64.2

65 13.5 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
2000000 Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.262 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

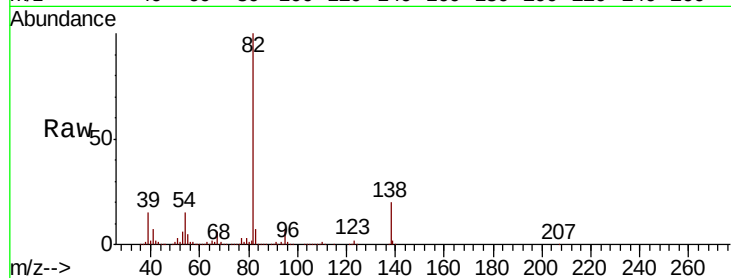
Tot Ion: 82 Resp: 2266650

Ion Ratio Lower Upper

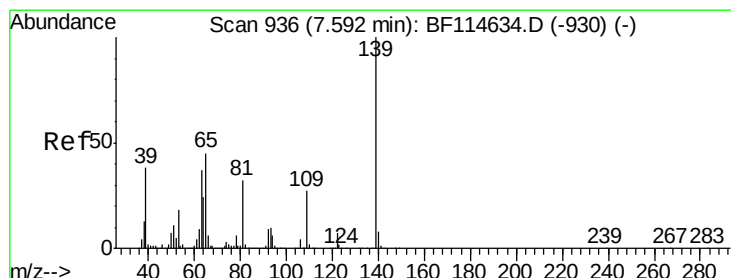
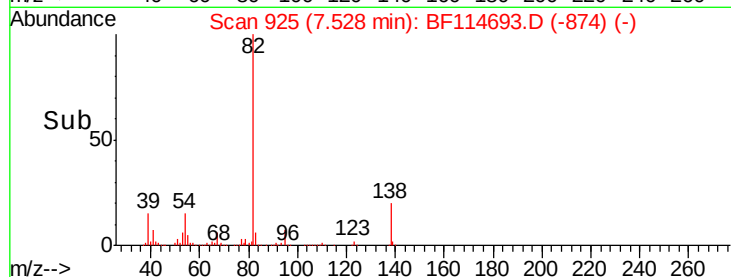
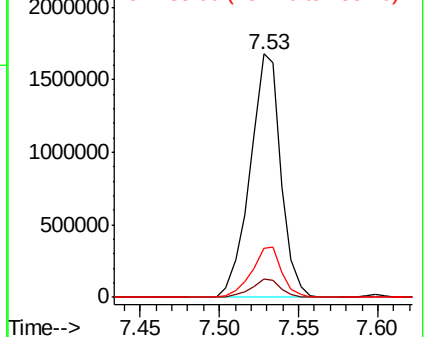
82 100

95 7.3 5.8 8.8

138 20.1 16.1 24.1



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: 44.284 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

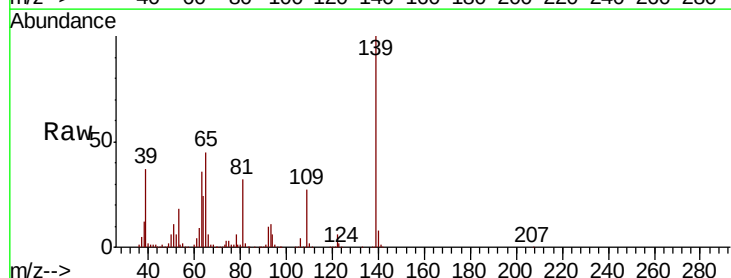
Tgt Ion: 139 Resp: 658699

Ion Ratio Lower Upper

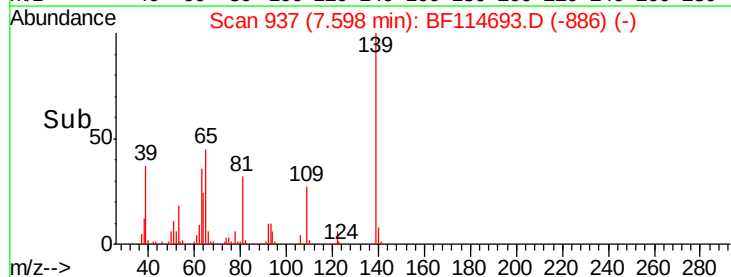
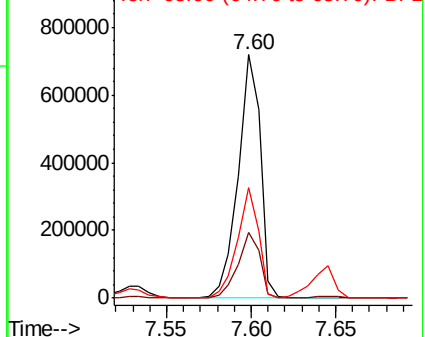
139 100

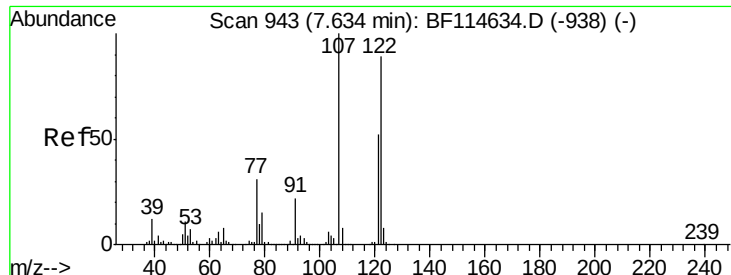
109 27.1 21.7 32.5

65 45.2 36.2 54.2



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

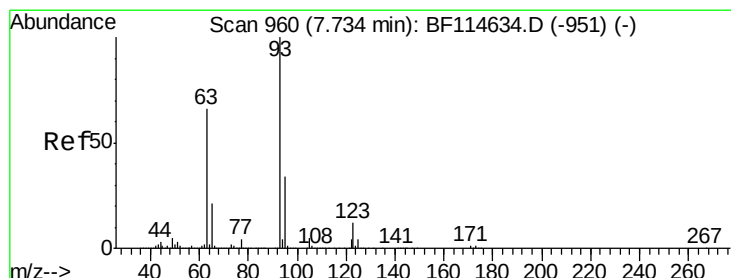
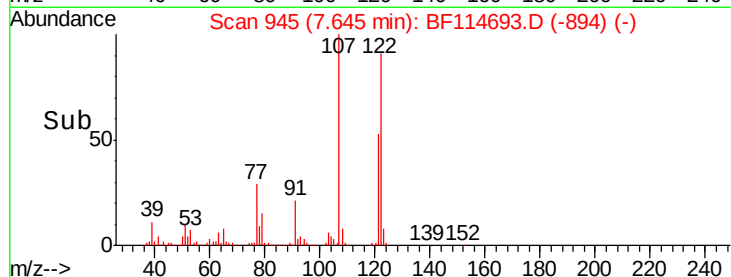
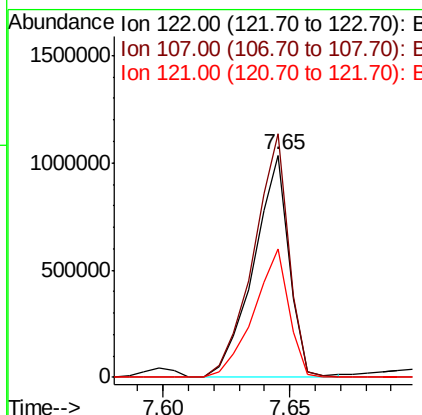
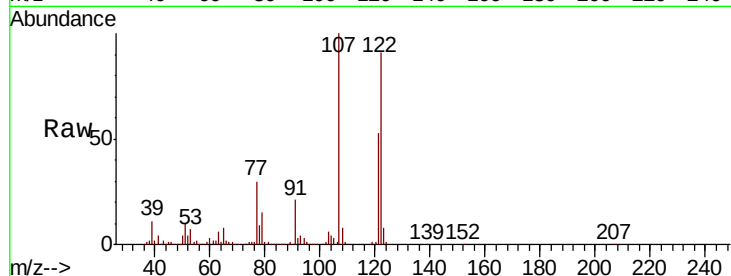




#27
 2,4-Dimethylphenol
 Concen: 40.668 ng
 RT: 7.65 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

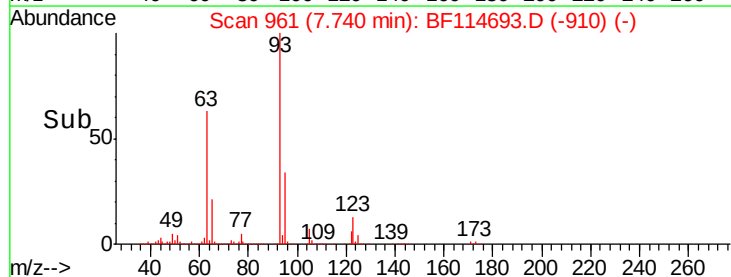
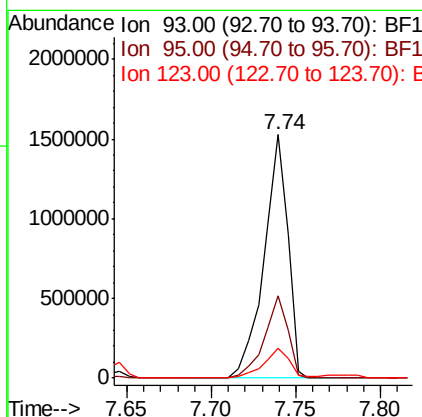
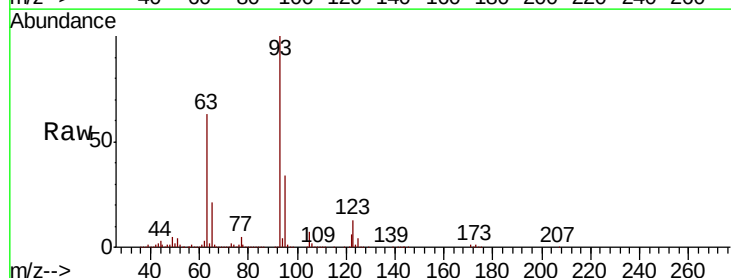
Instrument :
 BNA_F
 ClientSampleId :

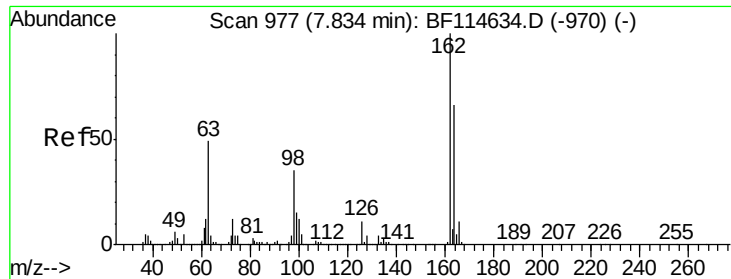
Tot Ion:122 Resp: 1006053
 Ion Ratio Lower Upper
 122 100
 107 109.6 87.7 131.5
 121 58.0 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.298 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

Tgt Ion: 93 Resp: 1480925
 Ion Ratio Lower Upper
 93 100
 95 34.0 27.2 40.8
 123 12.5 10.0 15.0

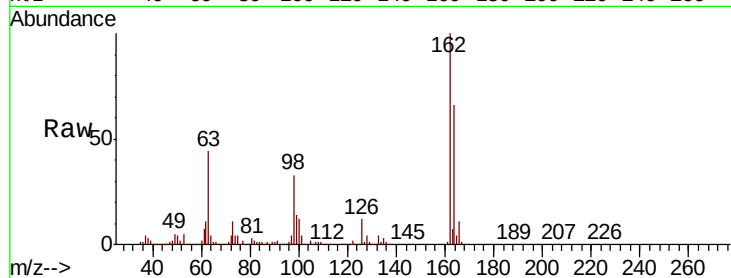




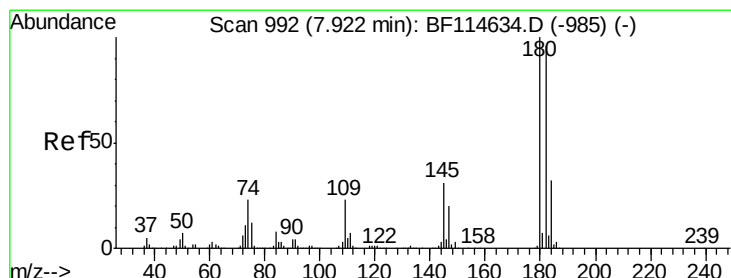
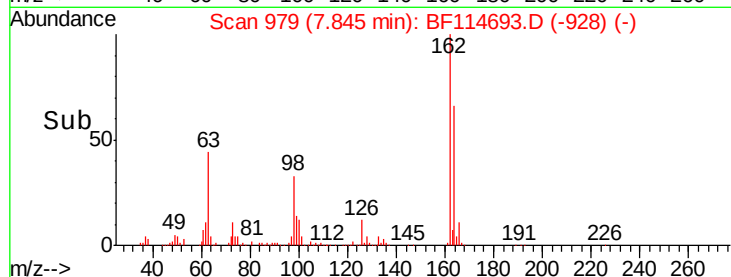
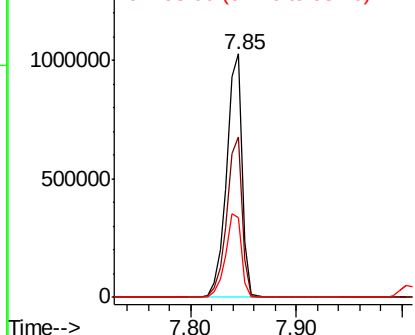
#29
 2,4-Dichlorophenol
 Concen: 41.402 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	45.9	85.9
98	33.0	13.0	53.0

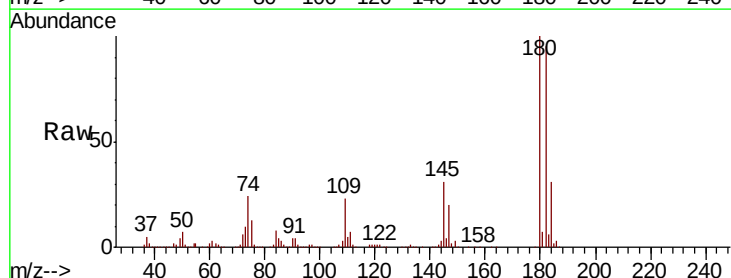


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

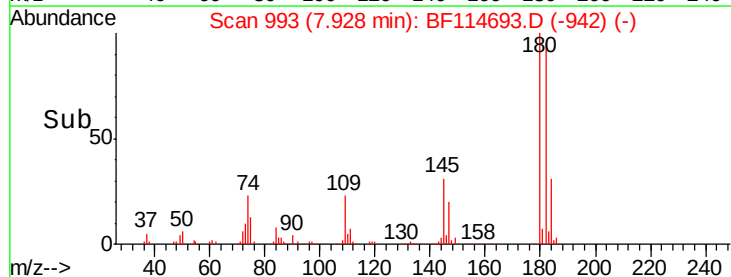
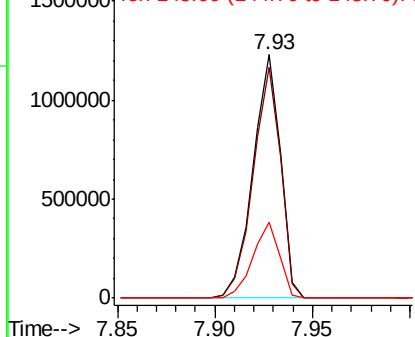


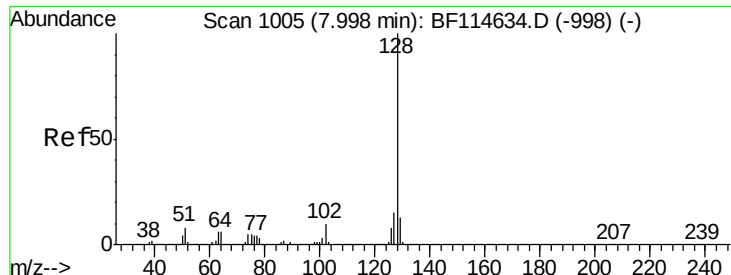
#30
 1,2,4-Trichlorobenzene
 Concen: 41.655 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.8
145	30.9	24.7	37.1



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

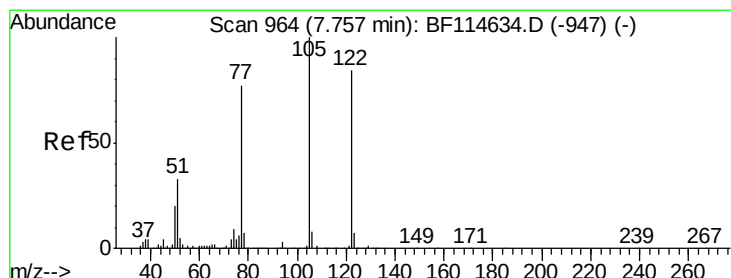
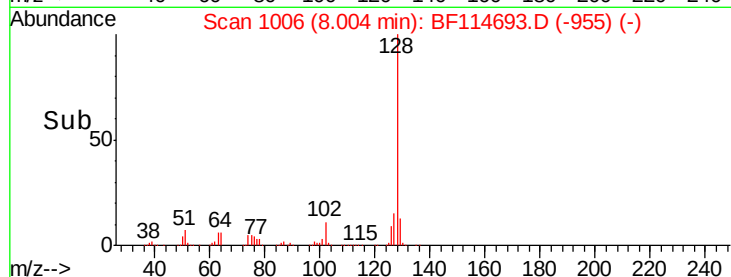
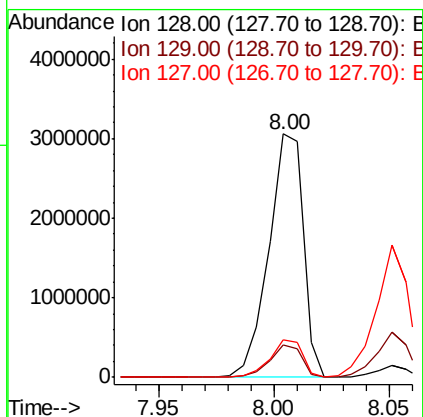
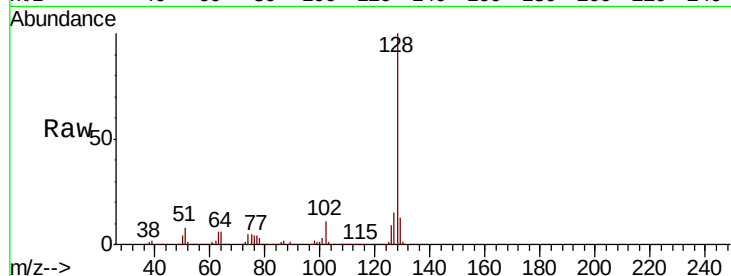




#31
Naphthalene
Concen: 38.392 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

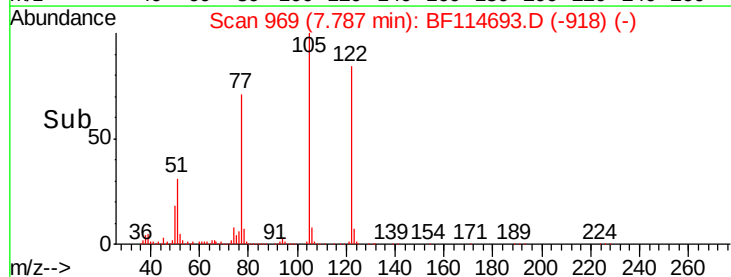
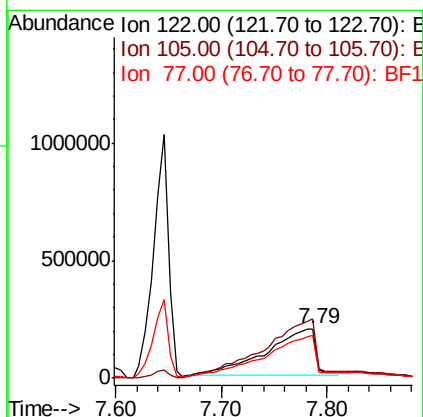
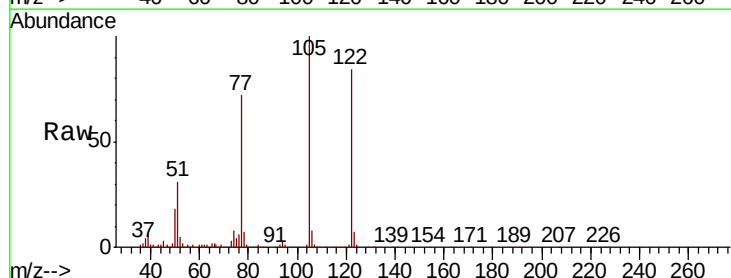
Instrument :
BNA_F
ClientSampleId :

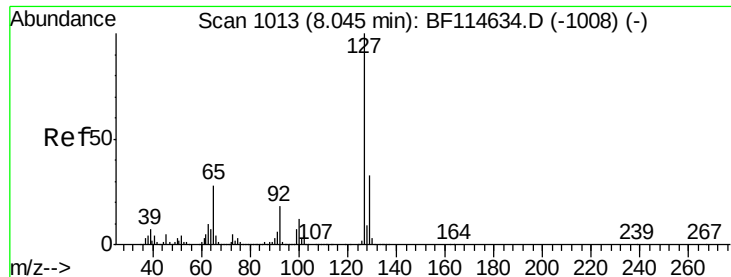
Tot Ion:128 Resp: 3173787
Ion Ratio Lower Upper
128 100
129 13.4 10.7 16.1
127 15.4 12.3 18.5



#32
Benzoic acid
Concen: 41.293 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:122 Resp: 663482
Ion Ratio Lower Upper
122 100
105 119.1 99.1 139.1
77 85.3 65.3 105.3

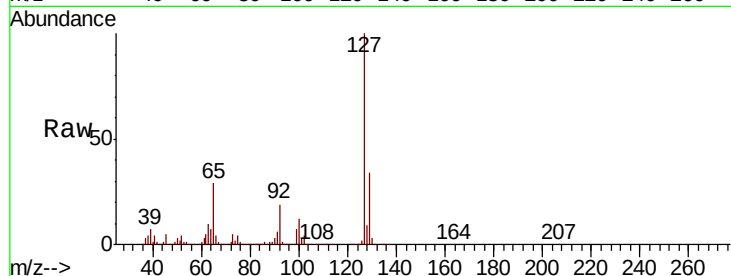




#33
4-Chloroaniline
Concen: 40.445 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.7	27.0	40.4
65	28.6	22.9	34.3
92	19.0	15.2	22.8



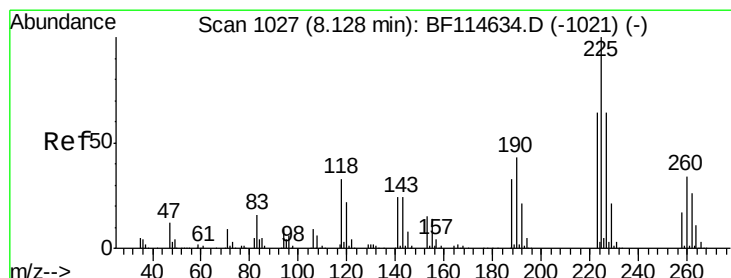
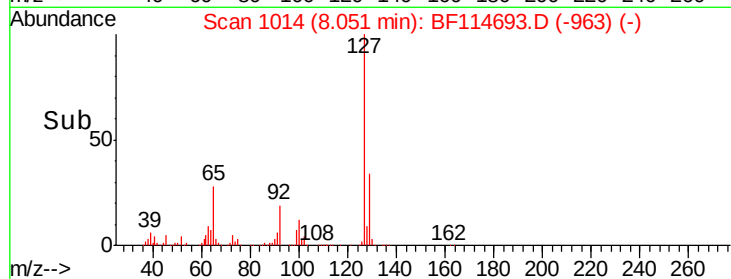
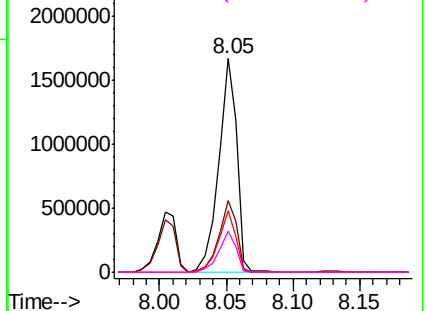
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

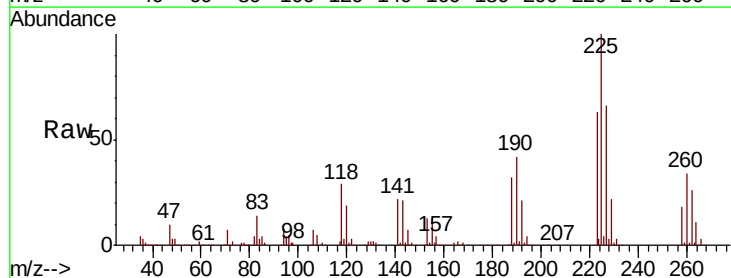
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.737 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	65.5	52.4	78.6

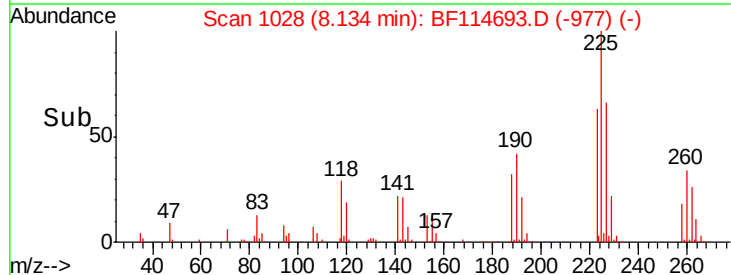
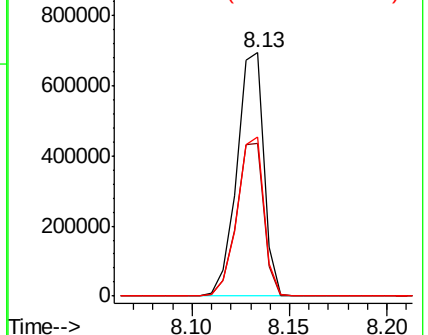


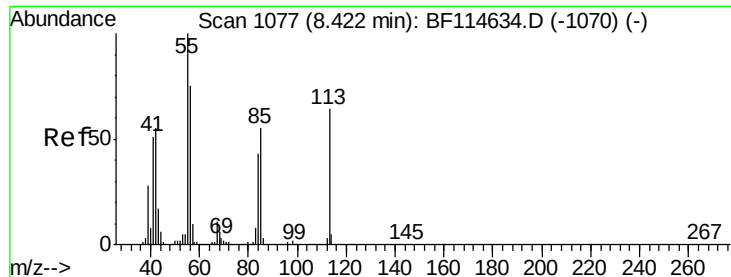
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.615 ng

RT: 8.44 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

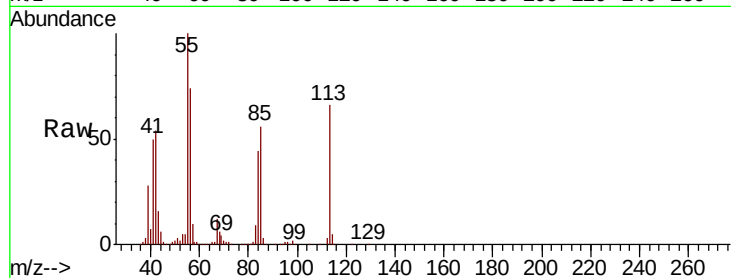
Tot Ion:113 Resp: 353618

Ion Ratio Lower Upper

113 100

55 150.4 130.4 170.4

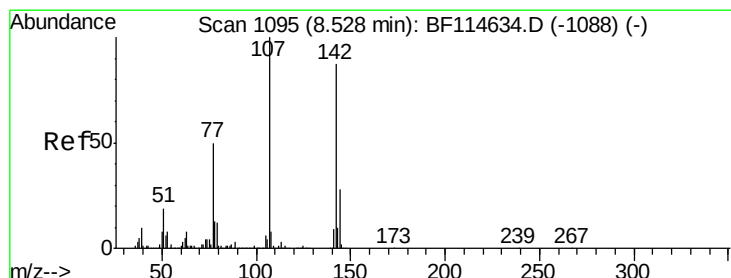
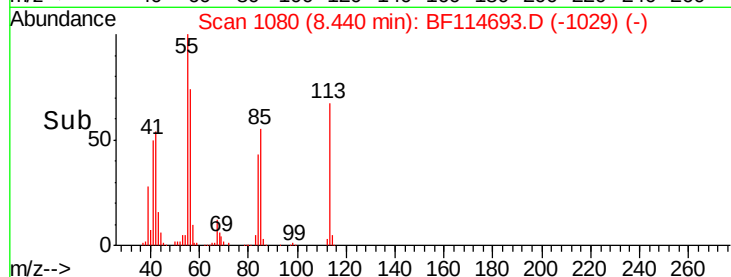
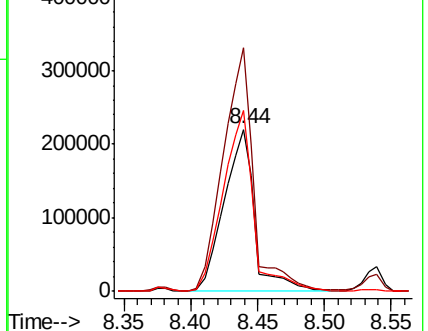
56 111.4 91.4 131.4



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: 40.647 ng

RT: 8.54 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

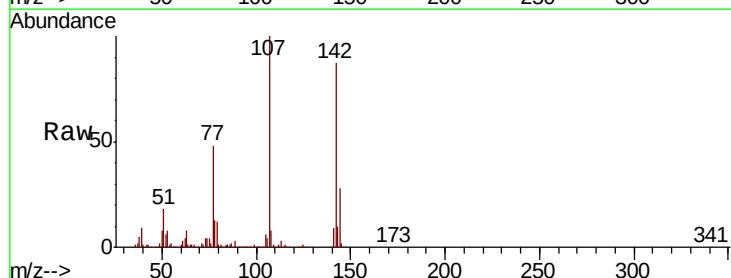
Tgt Ion:107 Resp: 1026391

Ion Ratio Lower Upper

107 100

144 28.2 22.6 33.8

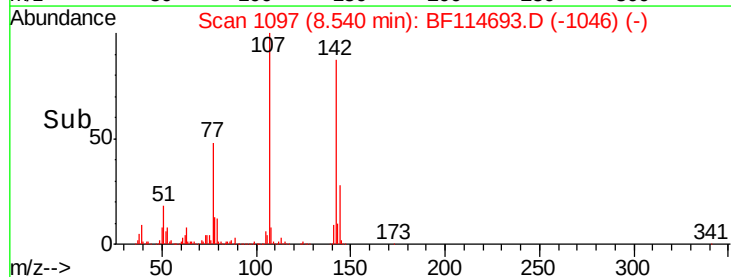
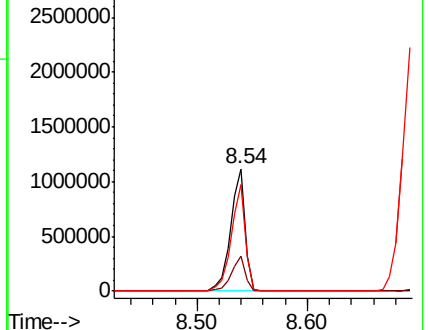
142 86.8 69.4 104.2

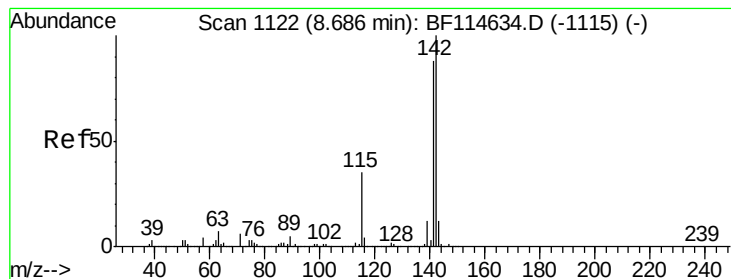


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.061 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

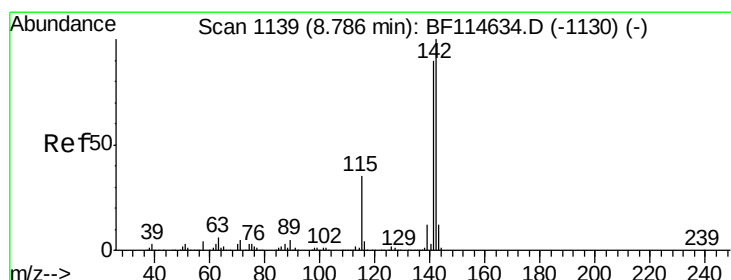
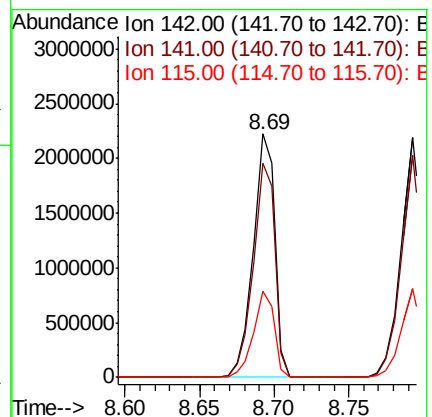
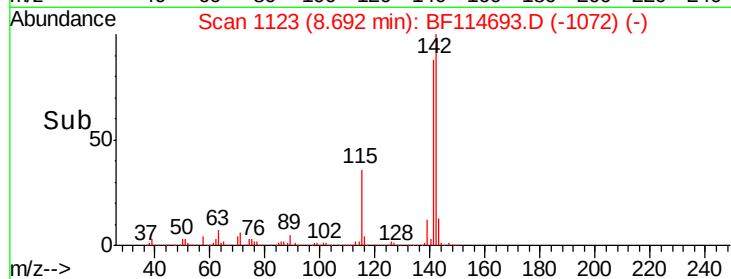
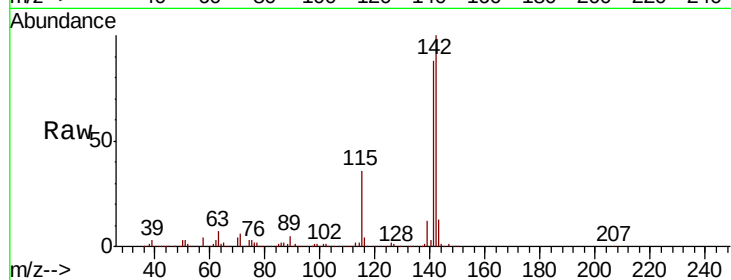
Tot Ion:142 Resp: 2200420

Ion Ratio Lower Upper

142 100

141 88.1 70.5 105.7

115 35.5 28.4 42.6



#38

1-Methylnaphthalene

Concen: 40.684 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

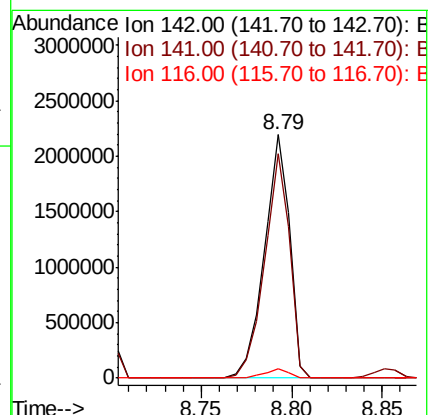
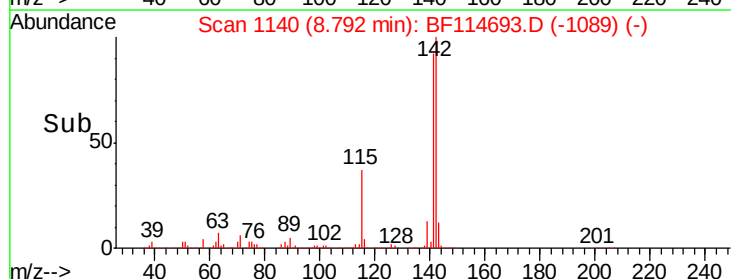
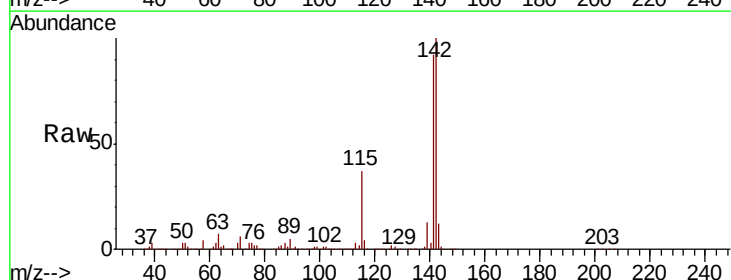
Tgt Ion:142 Resp: 2117218

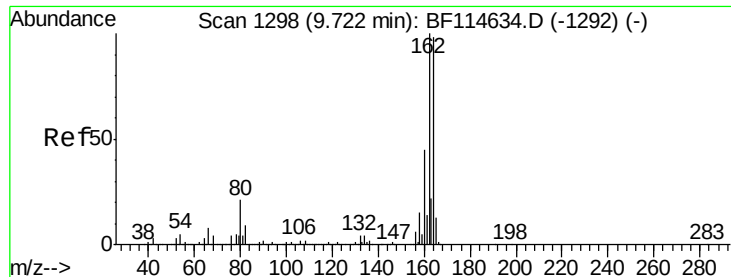
Ion Ratio Lower Upper

142 100

141 92.2 73.8 110.6

116 4.0 3.2 4.8

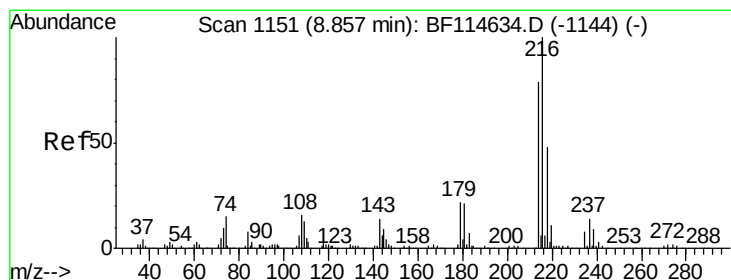
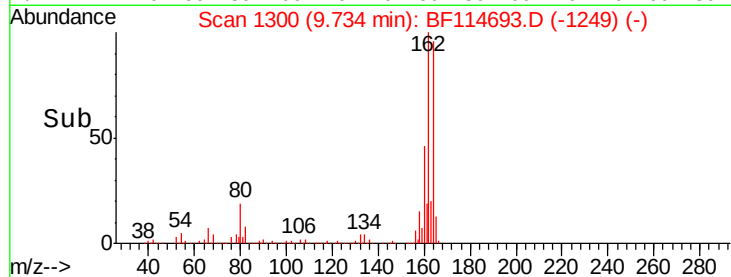
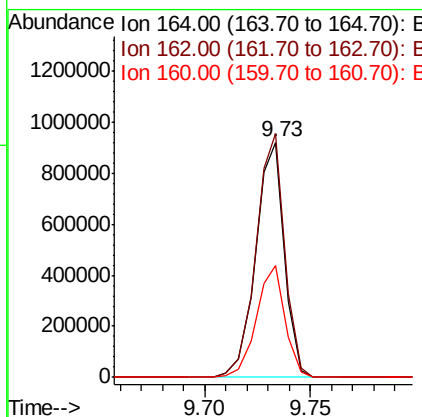
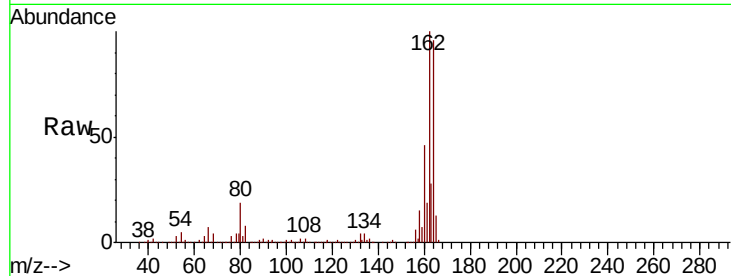




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

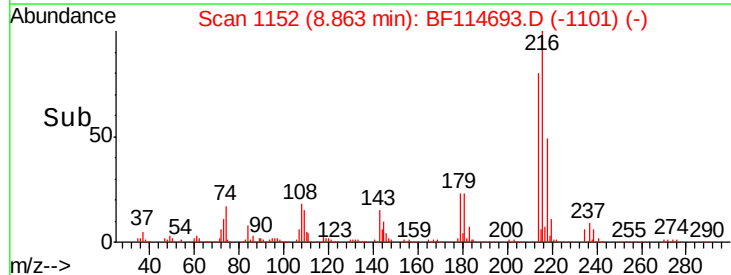
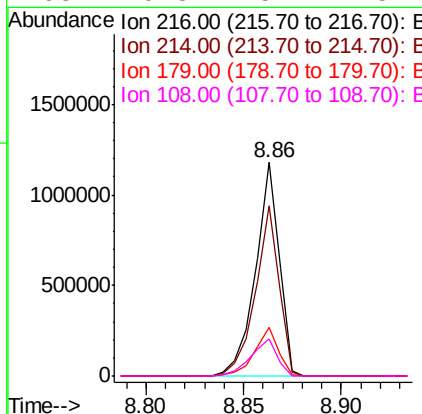
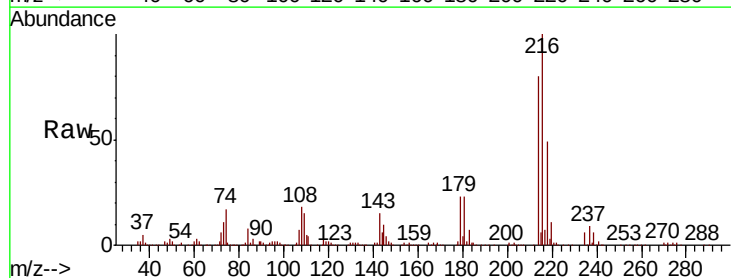
Instrument :
BNA_F
ClientSampleId :

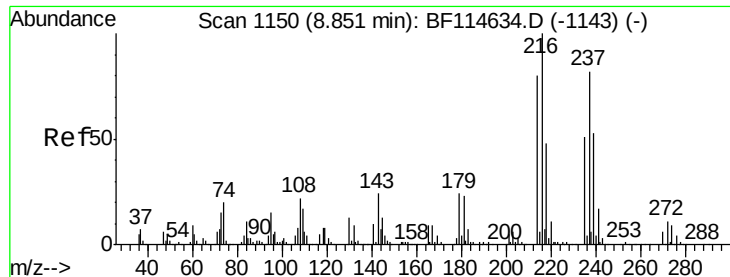
Tot Ion:164 Resp: 866142
Ion Ratio Lower Upper
164 100
162 103.7 83.0 124.4
160 47.7 38.2 57.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.201 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:216 Resp: 996464
Ion Ratio Lower Upper
216 100
214 79.1 63.3 94.9
179 22.6 18.1 27.1
108 19.3 15.4 23.2





#41

Hexachlorocyclopentadiene

Concen: 41.508 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

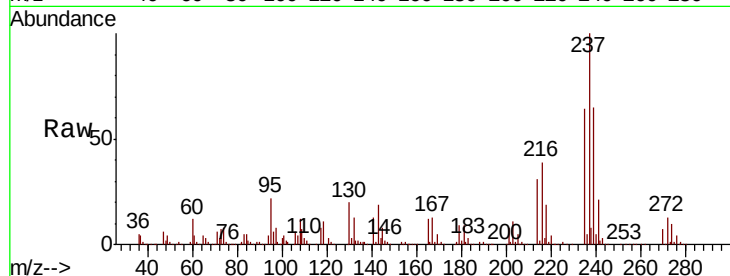
Tot Ion:237 Resp: 632692

Ion Ratio Lower Upper

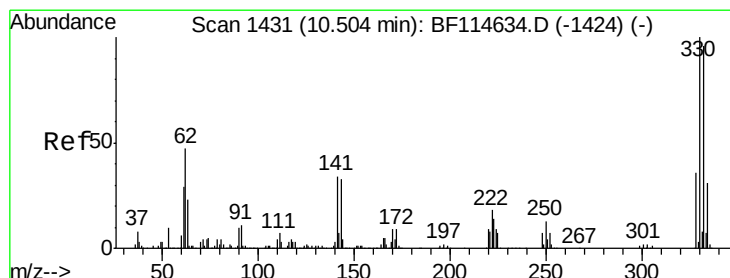
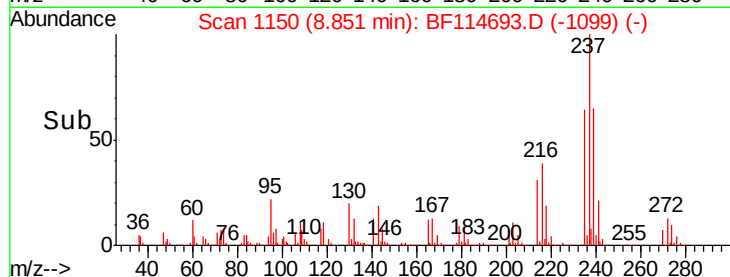
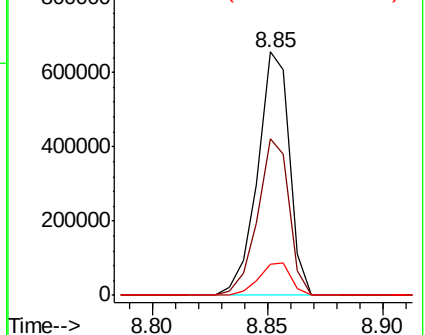
237 100

235 64.1 44.1 84.1

272 13.0 0.0 33.0



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: 85.904 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

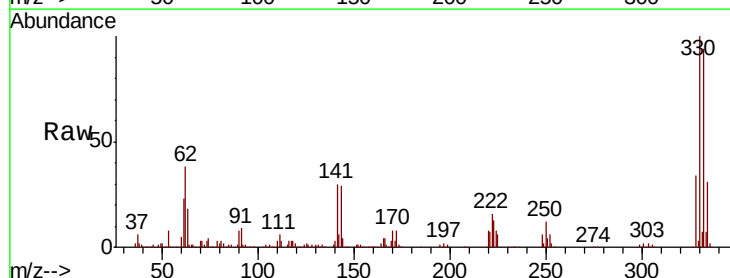
Tgt Ion:330 Resp: 708964

Ion Ratio Lower Upper

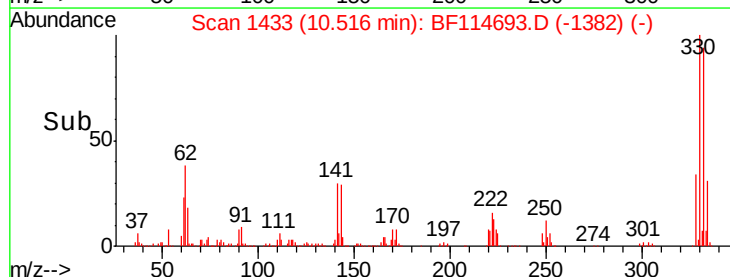
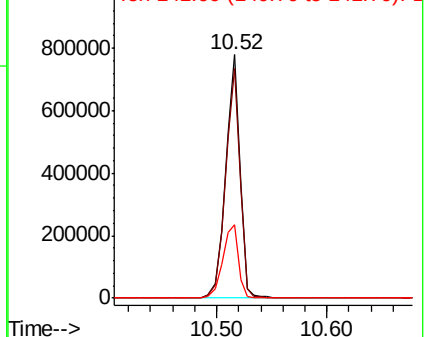
330 100

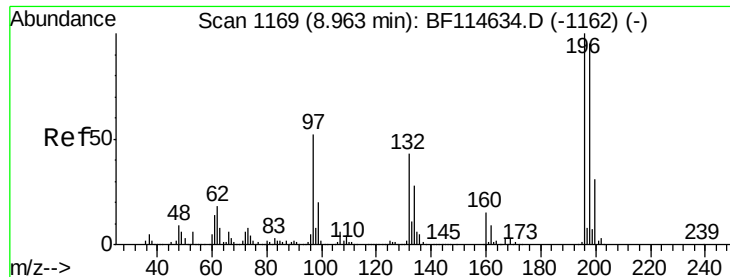
332 96.4 77.1 115.7

141 32.7 26.2 39.2



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: 42.565 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

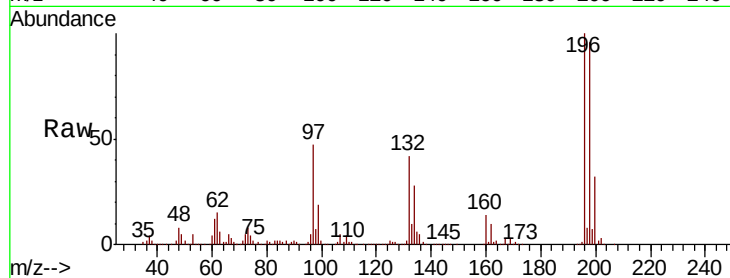
Tot Ion:196 Resp: 772527

Ion Ratio Lower Upper

196 100

198 96.3 77.0 115.6

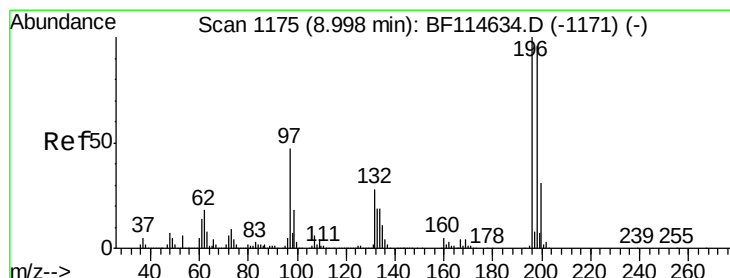
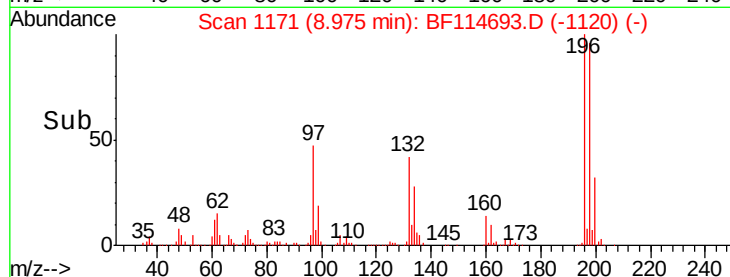
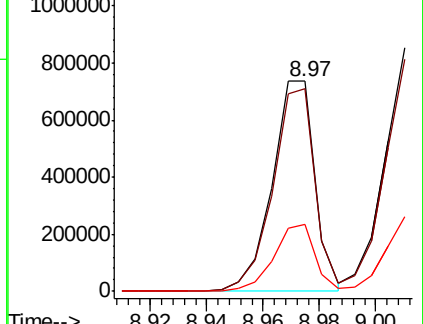
200 31.7 25.4 38.0



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: 43.588 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Tgt Ion:196 Resp: 789426

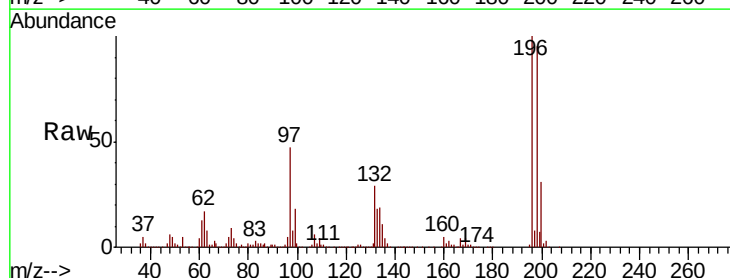
Ion Ratio Lower Upper

196 100

198 95.4 76.3 114.5

97 47.3 37.8 56.8

132 29.4 23.5 35.3

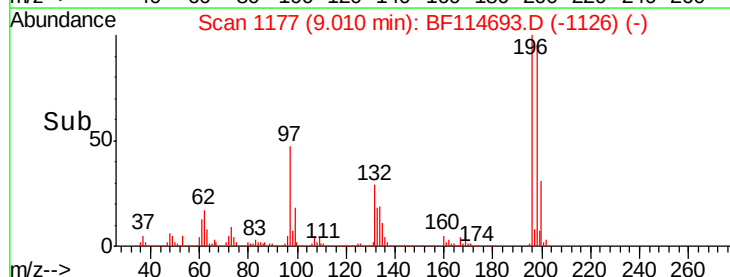
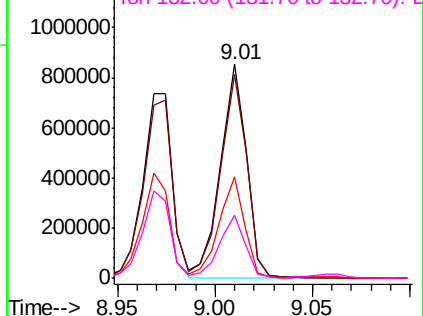


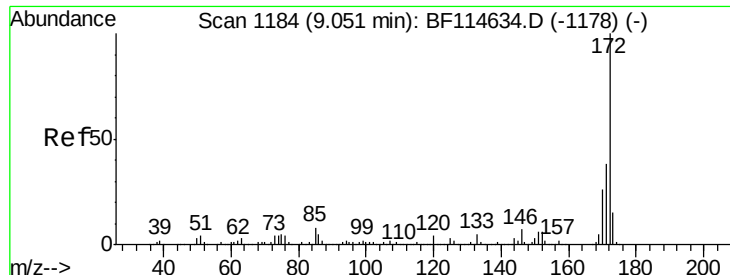
Abundance Ion 196.00 (195.70 to 196.70): E

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

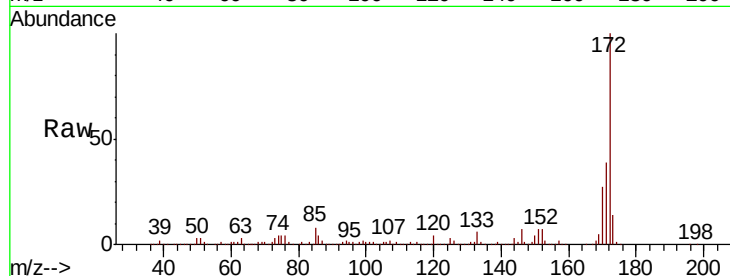




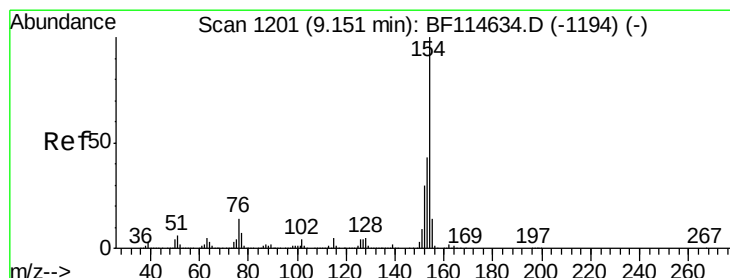
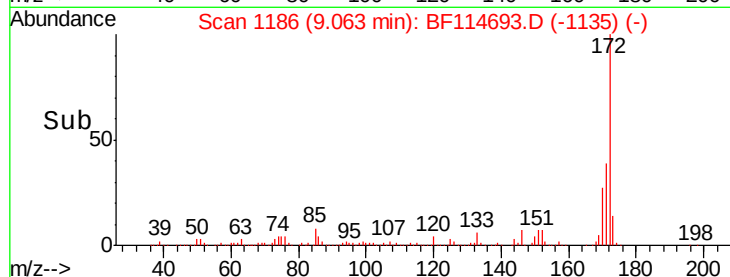
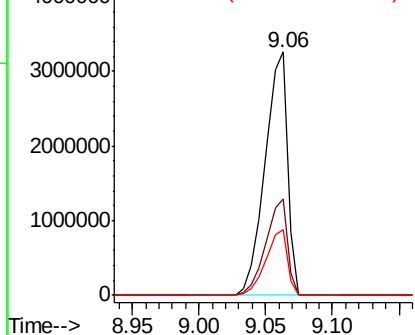
#45
 2-Fluorobiphenyl
 Concen: 82.115 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 3811255
 Ion Ratio Lower Upper
 172 100
 171 39.5 31.6 47.4
 170 26.9 21.5 32.3

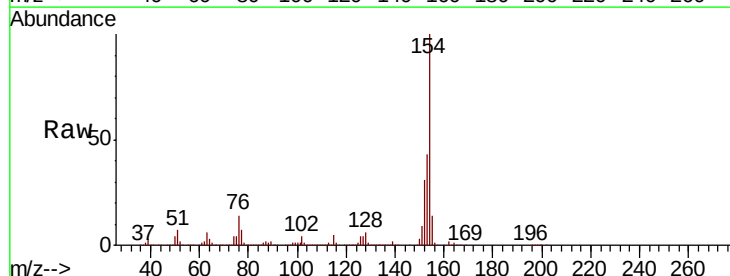


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

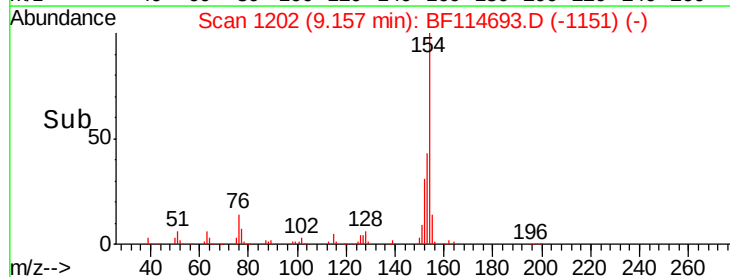
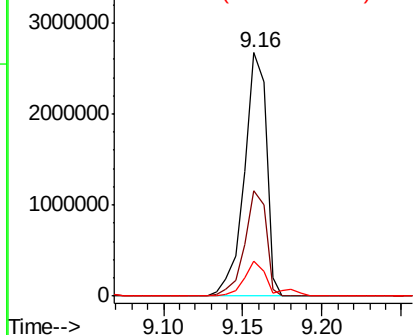


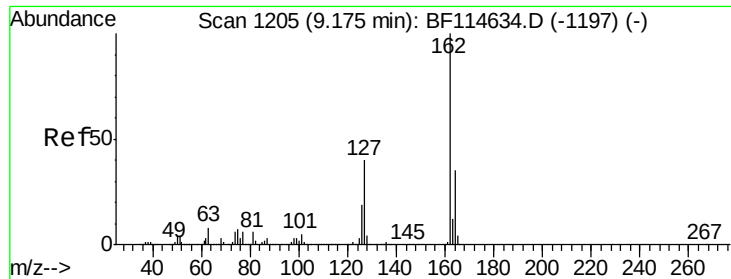
#46
 1,1'-Biphenyl
 Concen: 39.899 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

Tgt Ion:154 Resp: 2565302
 Ion Ratio Lower Upper
 154 100
 153 43.3 23.3 63.3
 76 14.4 0.0 34.4



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

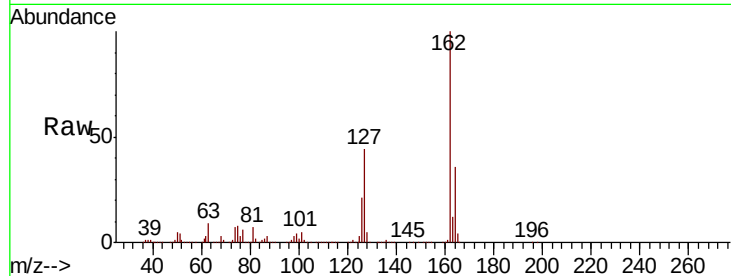




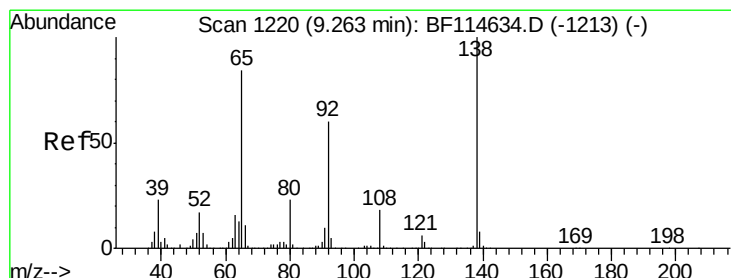
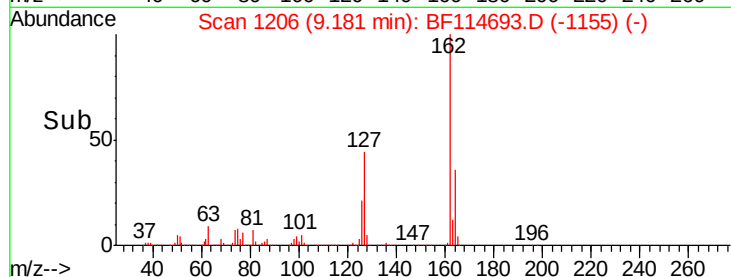
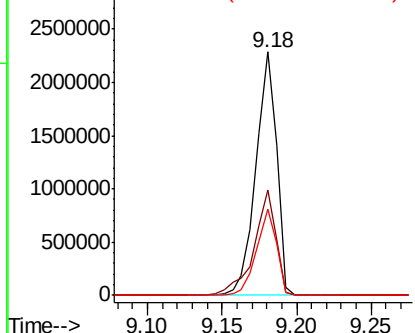
#47
2-Chloronaphthalene
Concen: 41.230 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 2174479
Ion Ratio Lower Upper
162 100
127 43.5 34.8 52.2
164 35.6 28.5 42.7

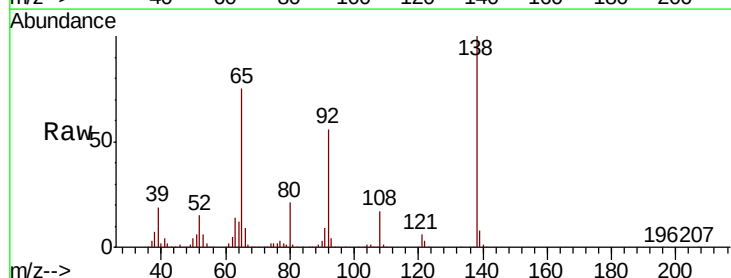


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

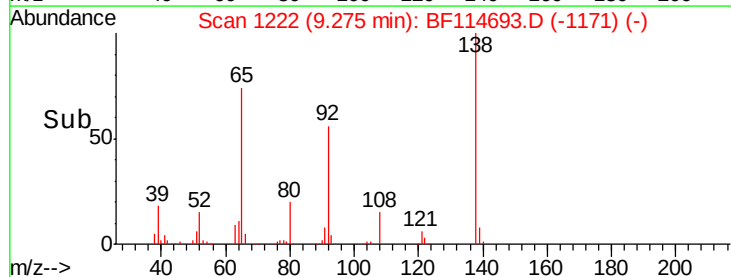
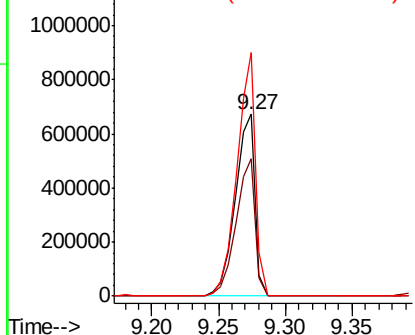


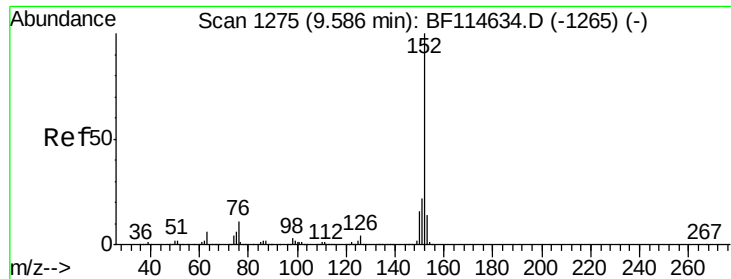
#48
2-Nitroaniline
Concen: 42.682 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion: 65 Resp: 694666
Ion Ratio Lower Upper
65 100
92 75.3 60.2 90.4
138 134.0 107.2 160.8



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: 38.904 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

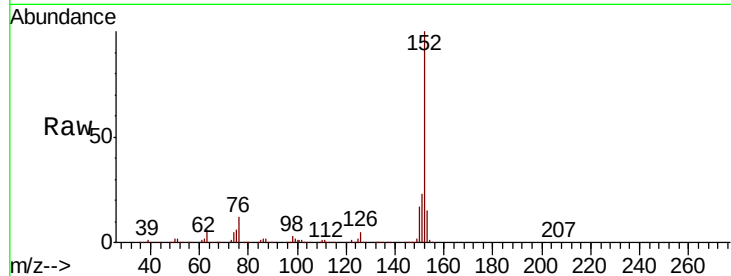
Tot Ion:152 Resp: 3169845

Ion Ratio Lower Upper

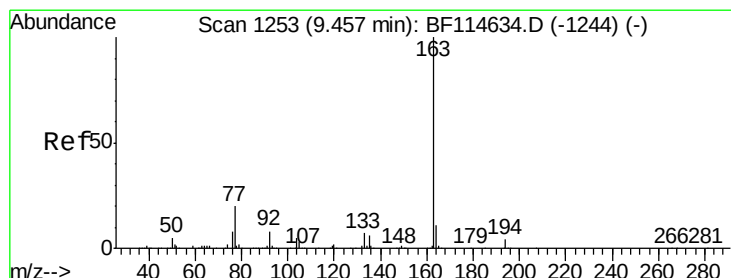
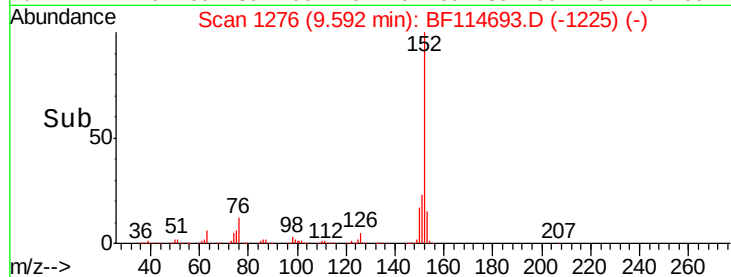
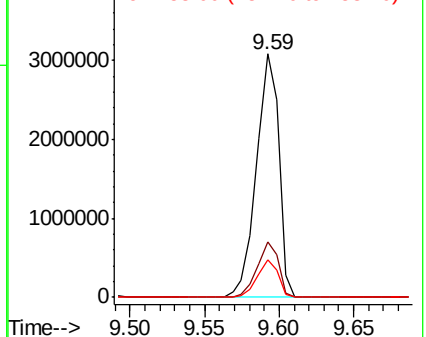
152 100

151 22.9 18.3 27.5

153 15.3 12.2 18.4



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: 41.533 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

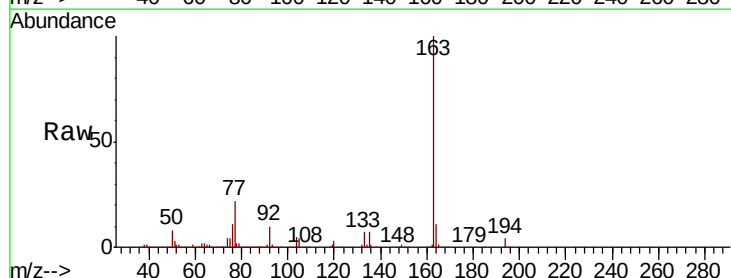
Tgt Ion:163 Resp: 2506708

Ion Ratio Lower Upper

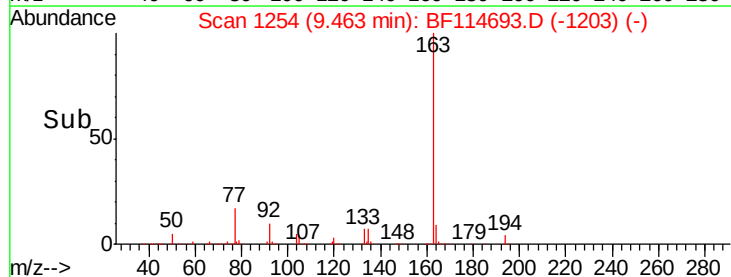
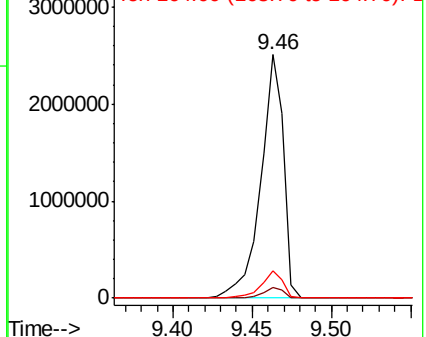
163 100

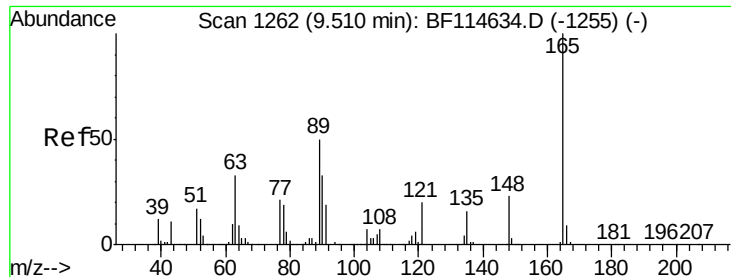
194 4.3 3.4 5.2

164 11.4 9.1 13.7



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: 42.759 ng

RT: 9.52 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampled :

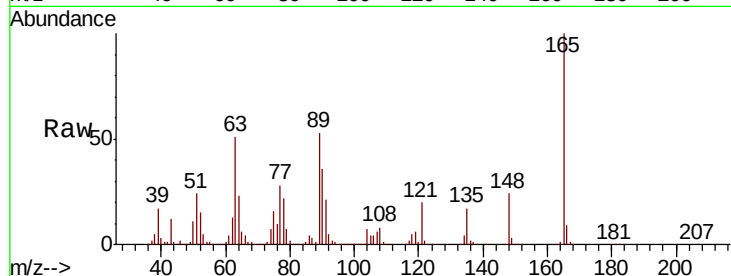
Tot Ion:165 Resp: 599657

Ion Ratio Lower Upper

165 100

63 50.9 40.7 61.1

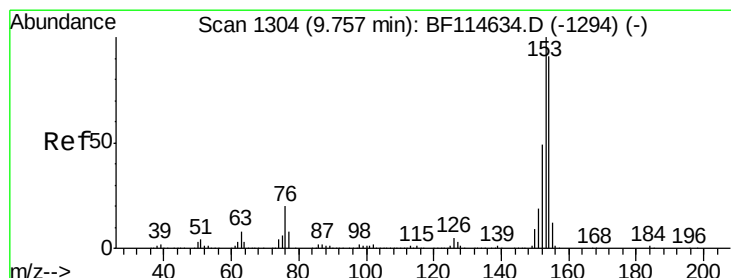
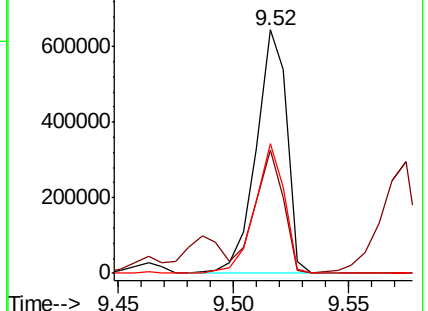
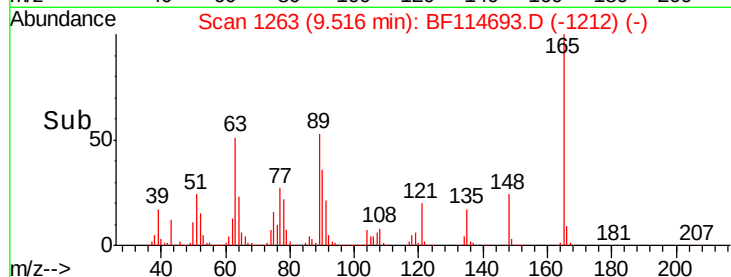
89 53.2 42.6 63.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.681 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

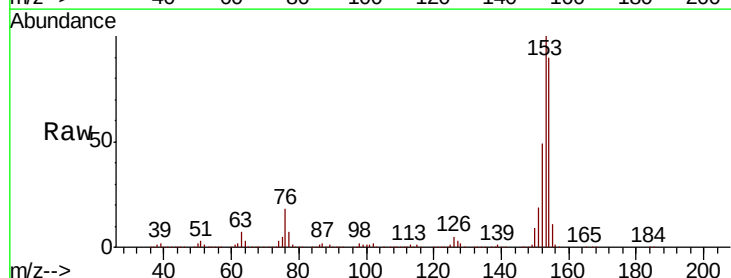
Tgt Ion:154 Resp: 2082741

Ion Ratio Lower Upper

154 100

153 111.3 89.0 133.6

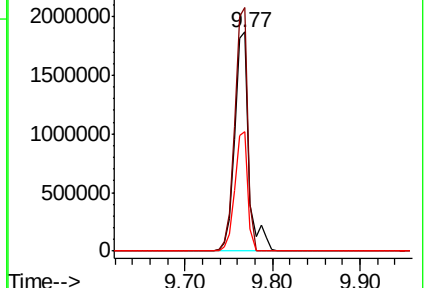
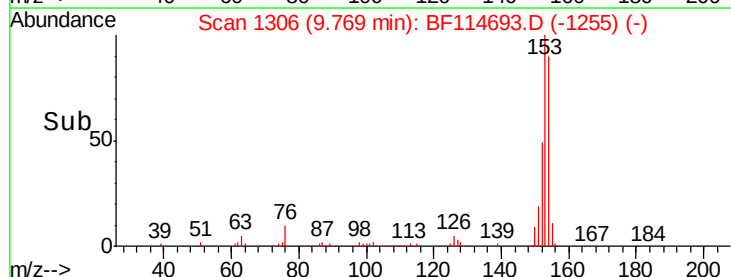
152 54.7 43.8 65.6

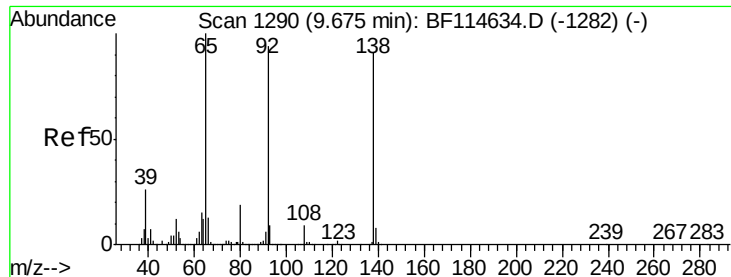


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

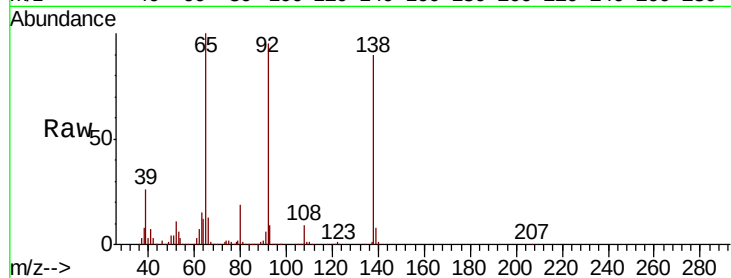




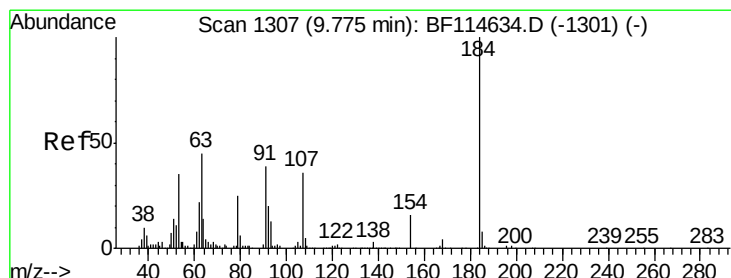
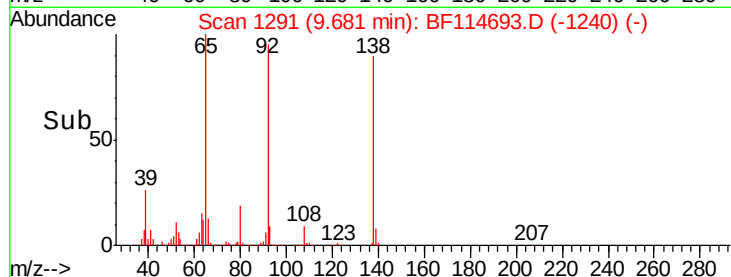
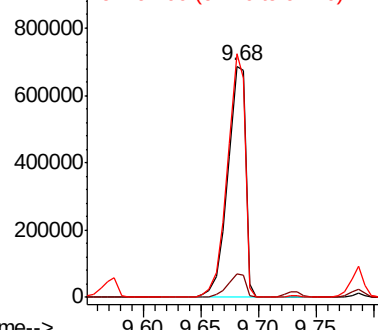
#53
3-Nitroaniline
Concen: 43.571 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 747854
Ion Ratio Lower Upper
138 100
108 10.1 8.1 12.1
92 105.3 84.2 126.4

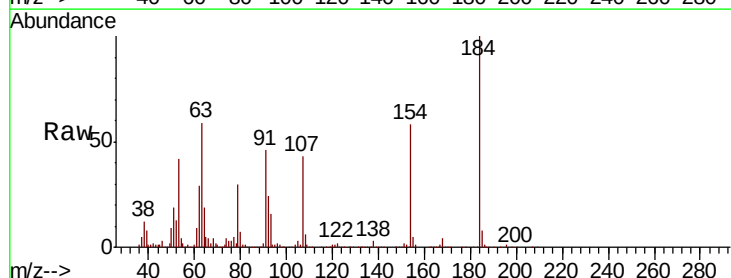


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

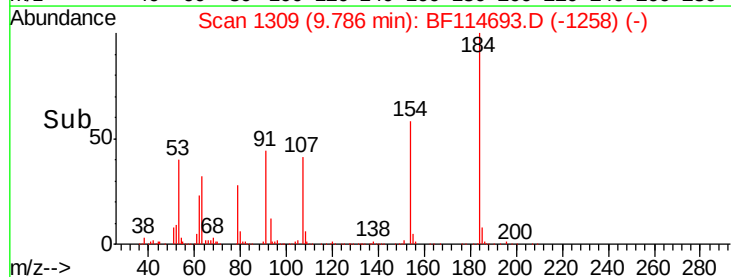
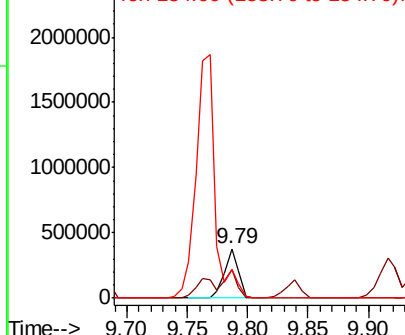


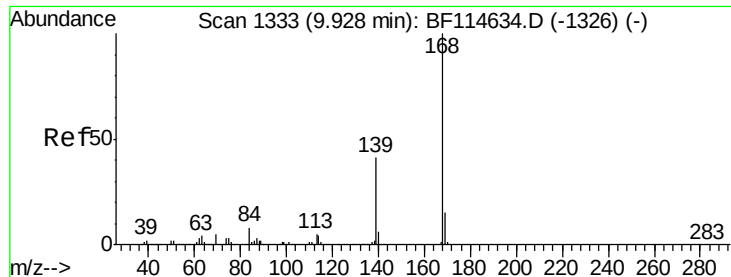
#54
2,4-Dinitrophenol
Concen: 57.020 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:184 Resp: 315420
Ion Ratio Lower Upper
184 100
63 59.0 47.2 70.8
154 58.4 46.7 70.1



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

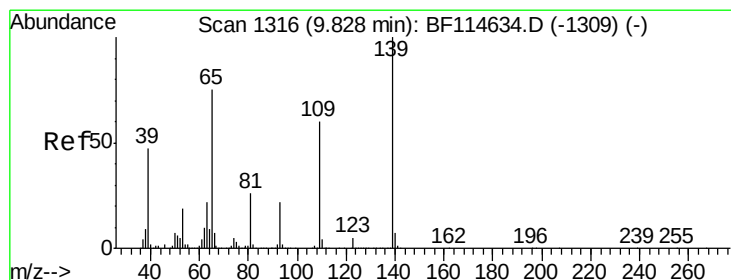
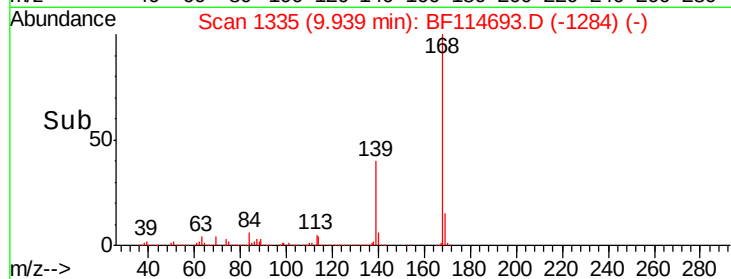
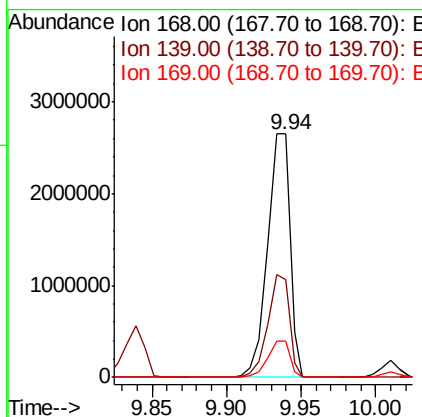
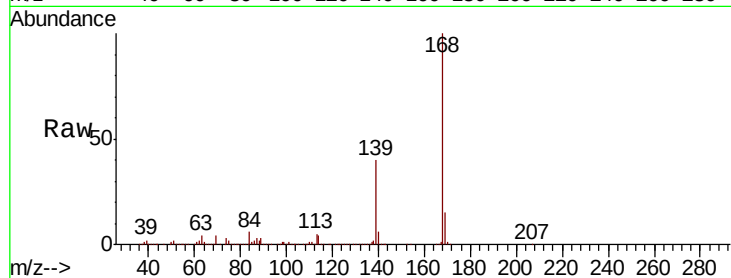




#55
Dibenzofuran
Concen: 38.724 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

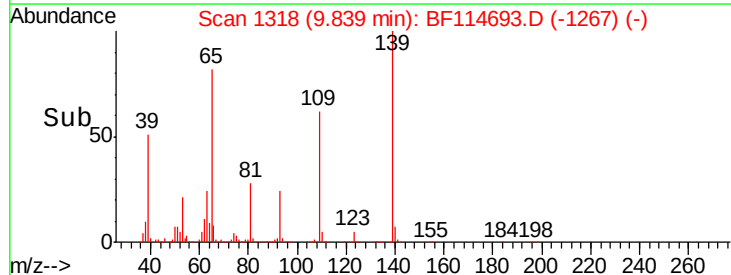
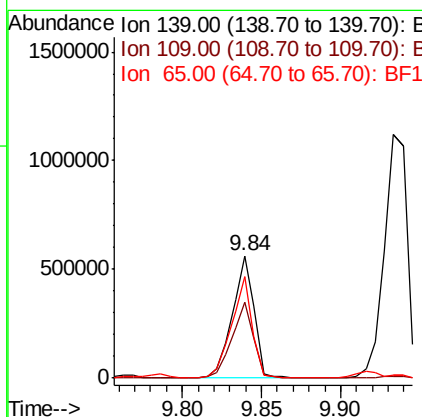
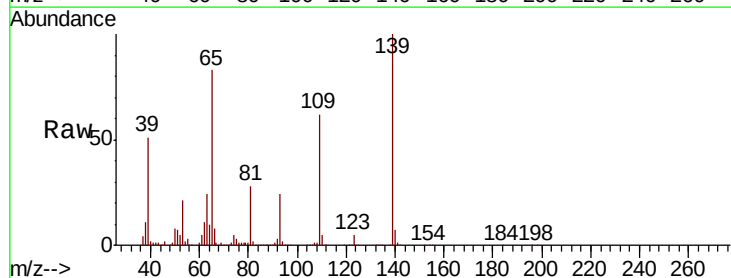
Instrument :
BNA_F
ClientSampleId :

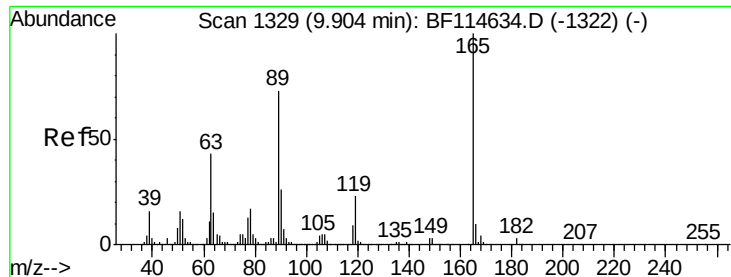
Tot Ion:168 Resp: 2754382
Ion Ratio Lower Upper
168 100
139 40.3 32.2 48.4
169 14.7 11.8 17.6



#56
4-Nitrophenol
Concen: 41.963 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:139 Resp: 533748
Ion Ratio Lower Upper
139 100
109 61.9 41.9 81.9
65 82.7 62.7 102.7

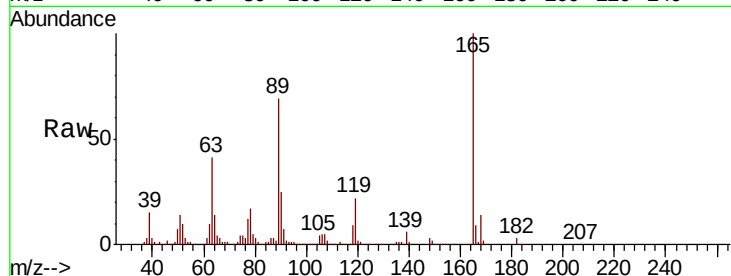




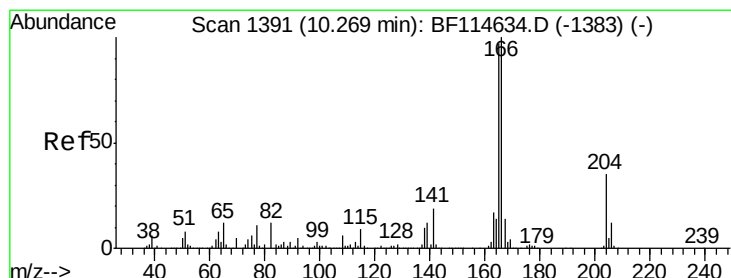
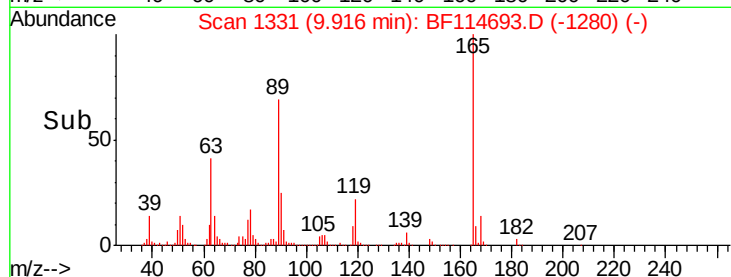
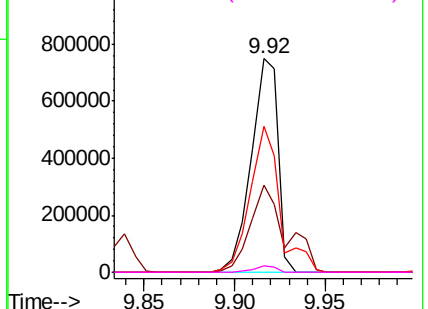
#57
 2,4-Dinitrotoluene
 Concen: 42.853 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	771290
Ion	Ratio	Lower	Upper
165	100		
63	40.6	32.5	48.7
89	68.6	54.9	82.3
182	2.7	2.2	3.2

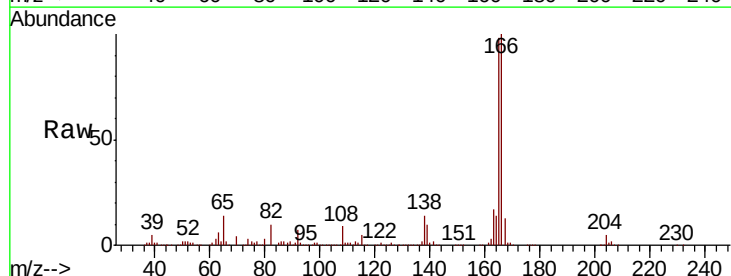


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

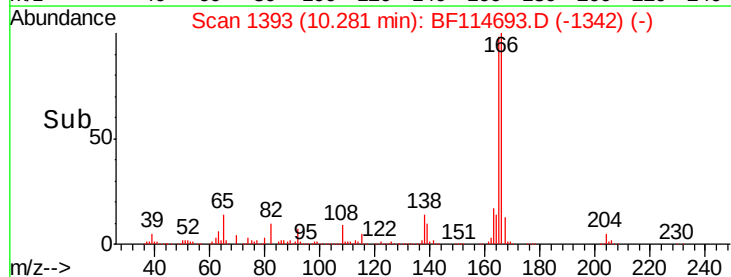
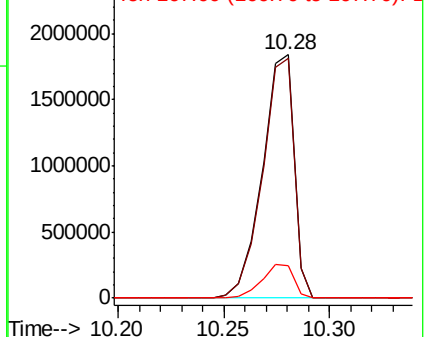


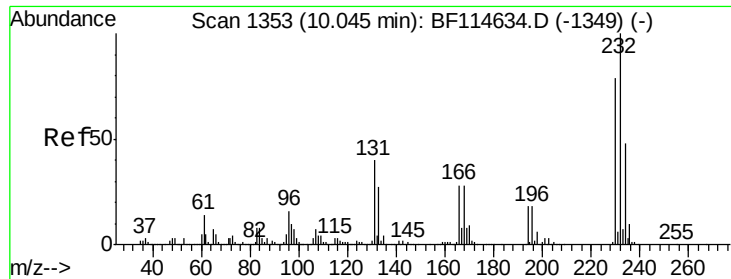
#58
 Fluorene
 Concen: 39.535 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

Tgt Ion:	166	Resp:	1922466
Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	118.0
167	13.4	10.7	16.1



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

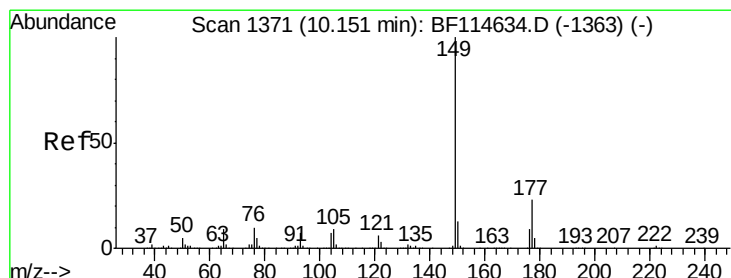
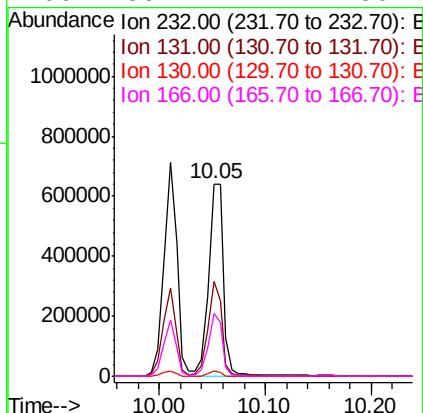
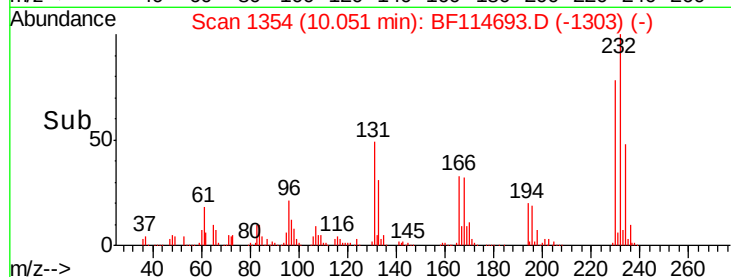
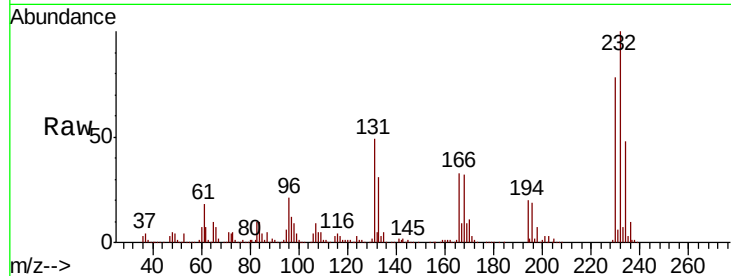




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.974 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

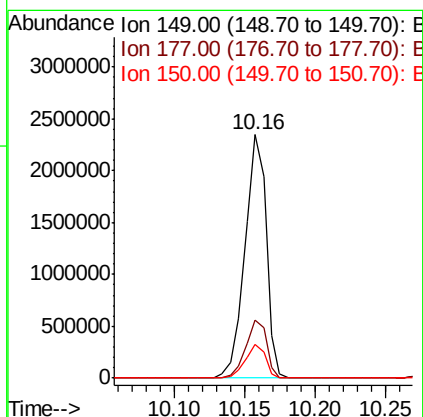
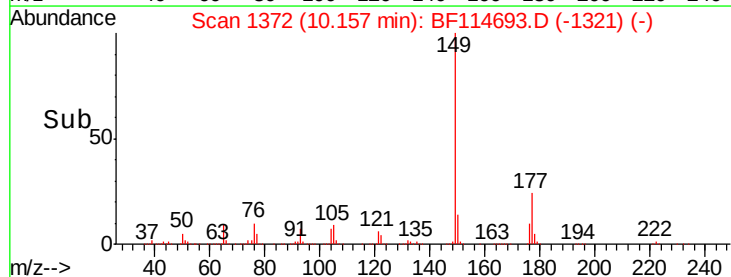
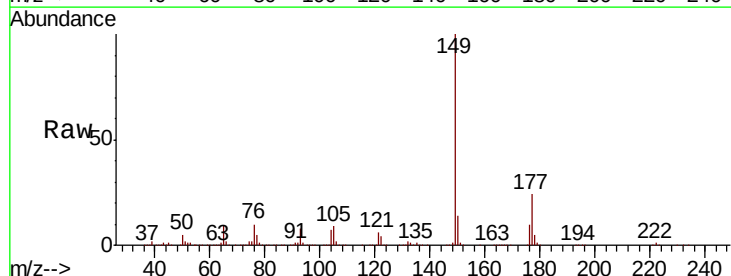
Instrument :
BNA_F
ClientSampleId :

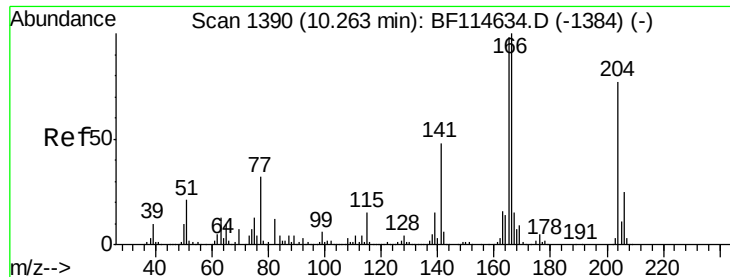
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	36.2	54.2
130	2.2	1.8	2.6
166	30.1	24.1	36.1



#60
Diethylphthalate
Concen: 40.219 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.0	28.6
150	13.6	10.9	16.3

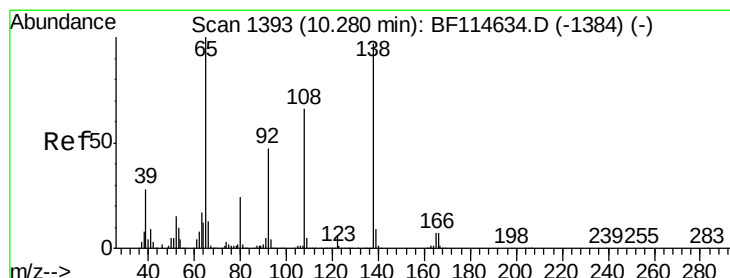
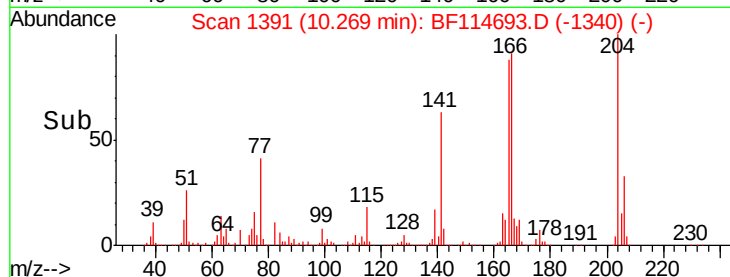
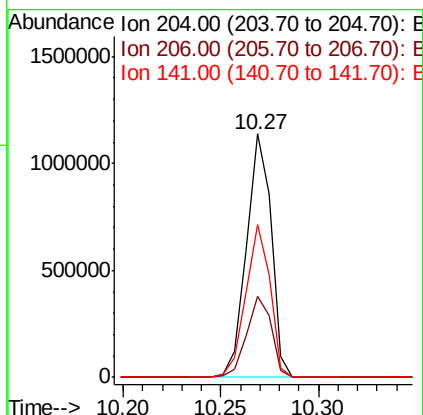
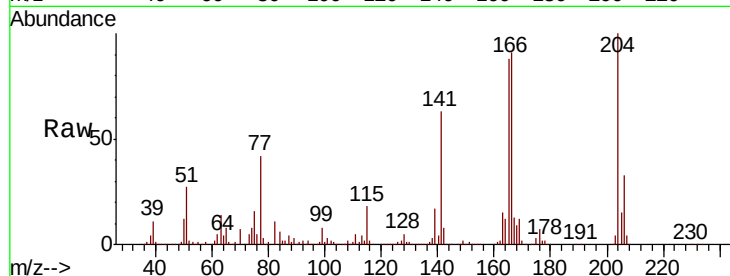




#61
 4-Chlorophenyl-phenylether
 Concen: 41.226 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

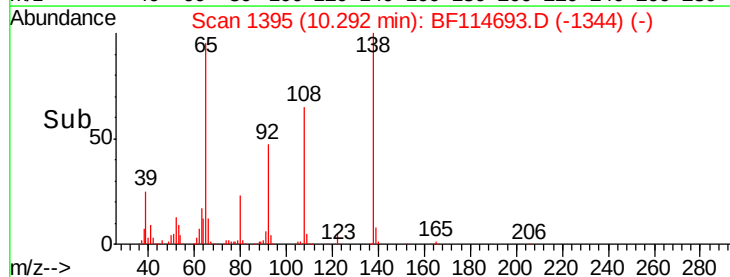
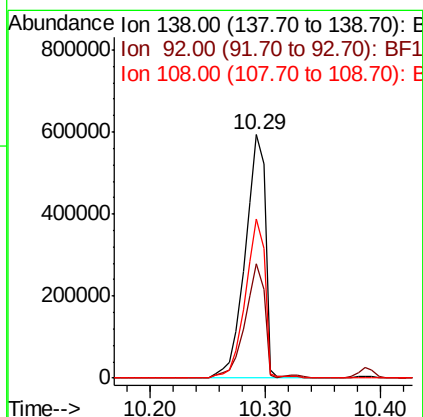
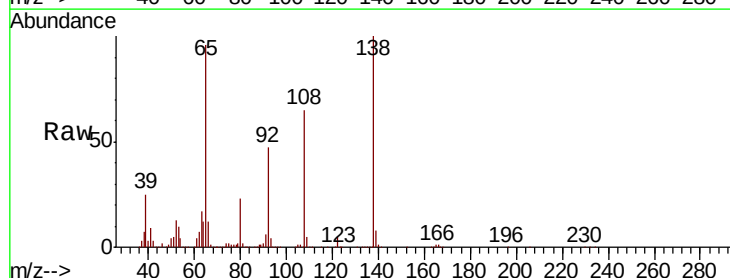
Instrument :
 BNA_F
 ClientSampleId :

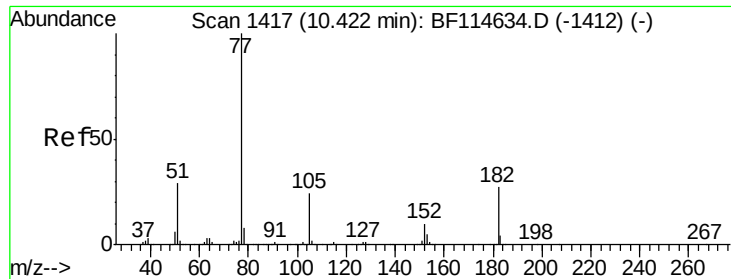
Tot Ion:204 Resp: 1000470
 Ion Ratio Lower Upper
 204 100
 206 33.1 26.5 39.7
 141 62.8 50.2 75.4



#62
 4-Nitroaniline
 Concen: 42.910 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

Tgt Ion:138 Resp: 717688
 Ion Ratio Lower Upper
 138 100
 92 47.1 27.1 67.1
 108 65.4 45.4 85.4

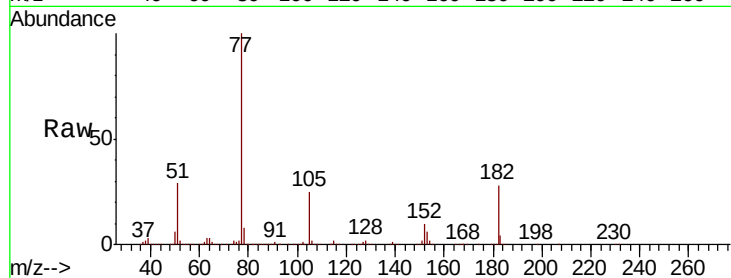




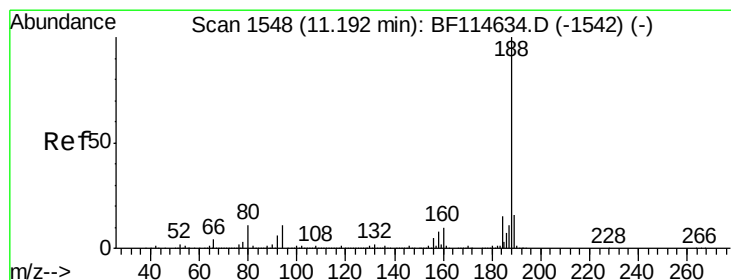
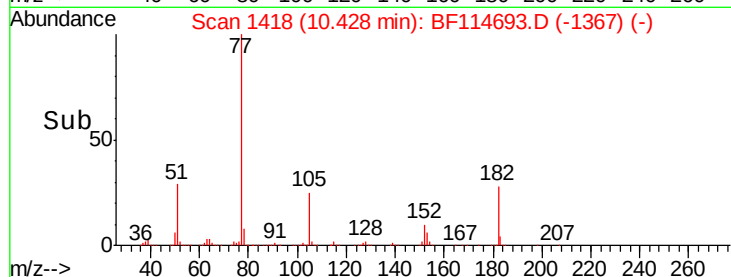
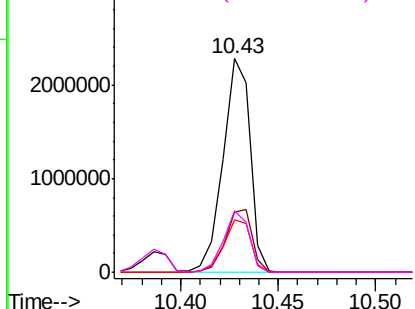
#63
Azobenzene
Concen: 38.553 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 2181889
Ion Ratio Lower Upper
77 100
182 28.1 8.1 48.1
105 24.7 4.7 44.7
51 28.6 8.6 48.6

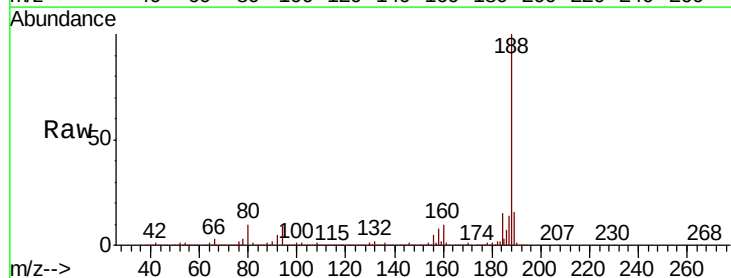


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

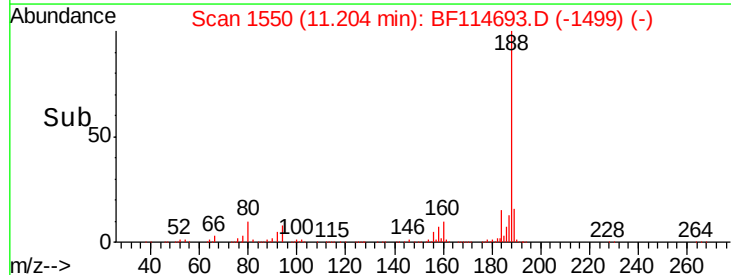
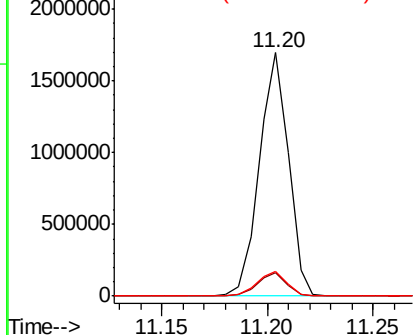


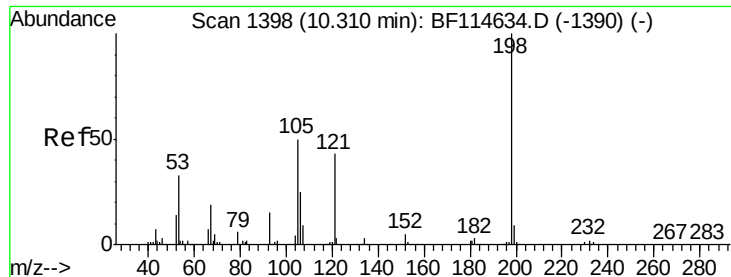
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion: 188 Resp: 1630813
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 10.2 8.2 12.2



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

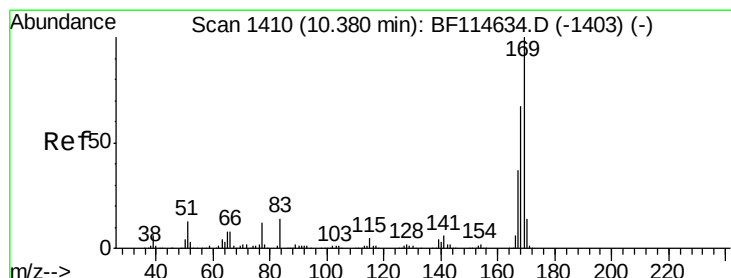
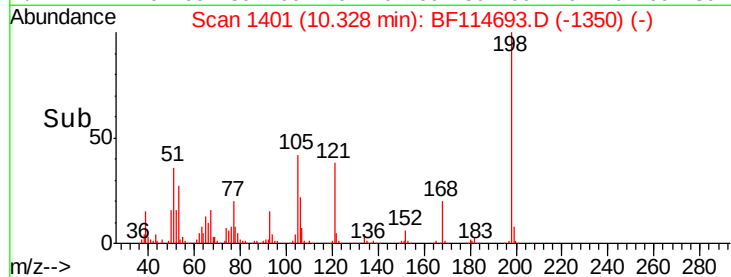
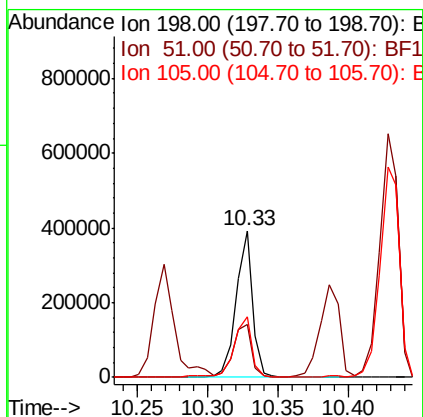
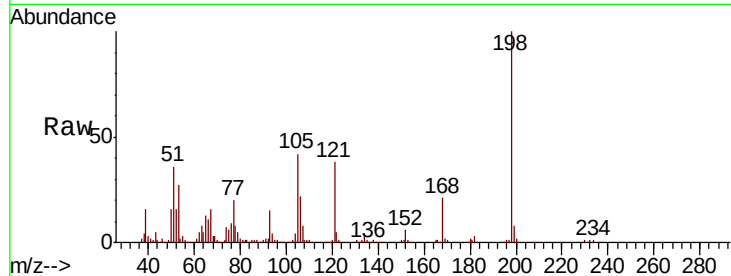




#65
4,6-Dinitro-2-methylphenol
Concen: 44.034 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

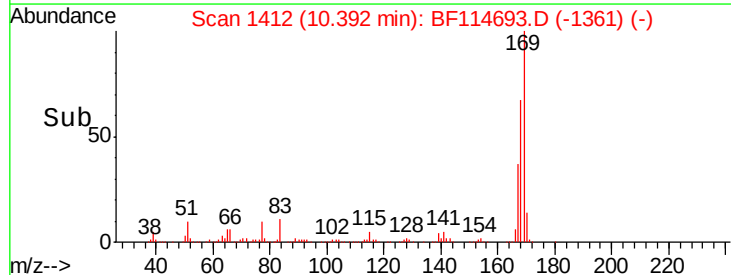
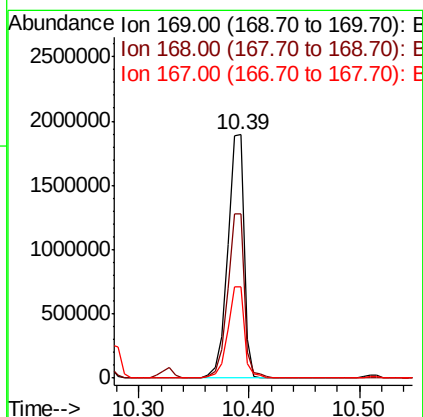
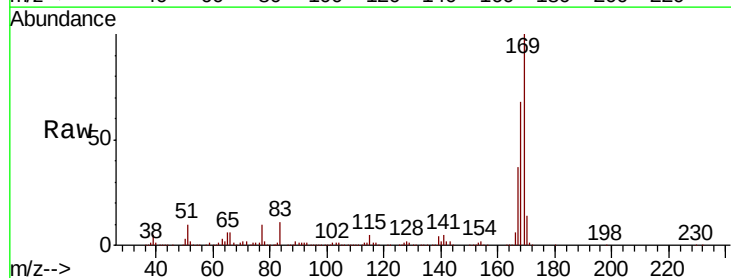
Instrument :
BNA_F
ClientSampled :

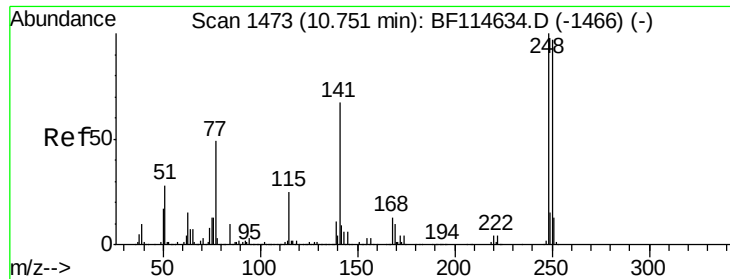
Tot Ion:198 Resp: 318420
Ion Ratio Lower Upper
198 100
51 36.4 16.4 56.4
105 41.6 21.6 61.6



#66
n-Nitrosodiphenylamine
Concen: 40.942 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:169 Resp: 1972703
Ion Ratio Lower Upper
169 100
168 67.5 54.0 81.0
167 37.4 29.9 44.9

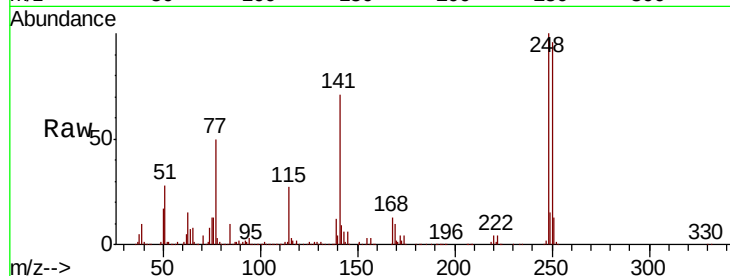




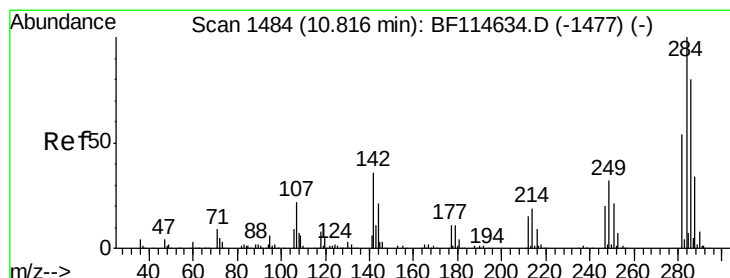
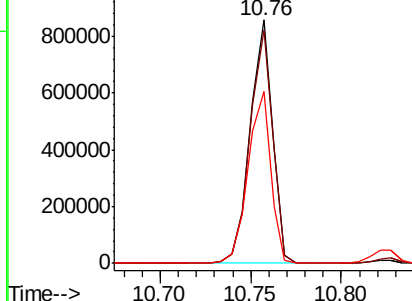
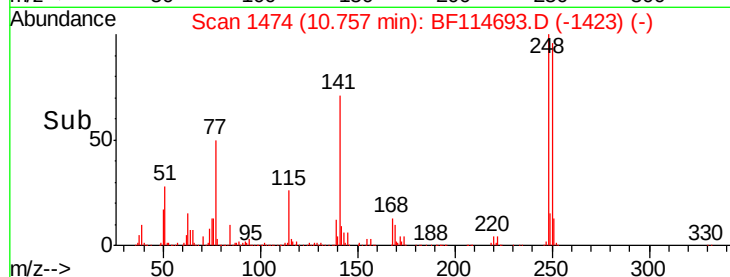
#67
4-Bromophenyl-phenylether
Concen: 42.104 ng
RT: 10.76 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 736329
Ion Ratio Lower Upper
248 100
250 96.0 76.8 115.2
141 70.7 56.6 84.8

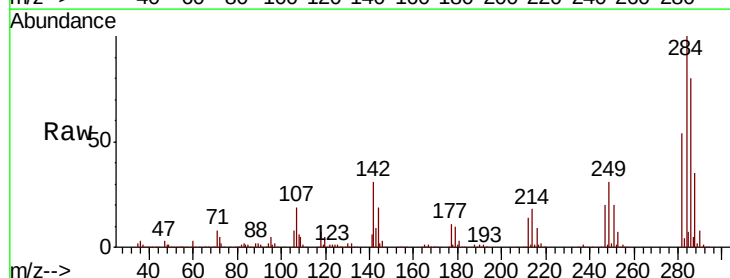


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

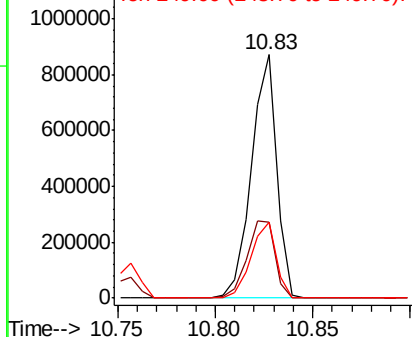
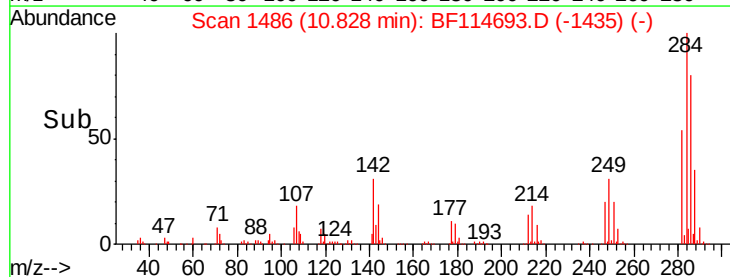


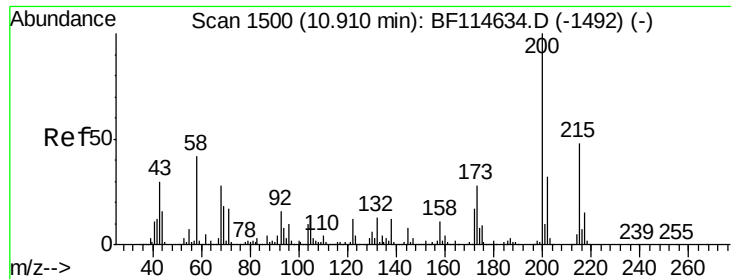
#68
Hexachlorobenzene
Concen: 41.222 ng
RT: 10.83 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:284 Resp: 780834
Ion Ratio Lower Upper
284 100
142 31.3 25.0 37.6
249 31.4 25.1 37.7



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.571 ng

RT: 10.92 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

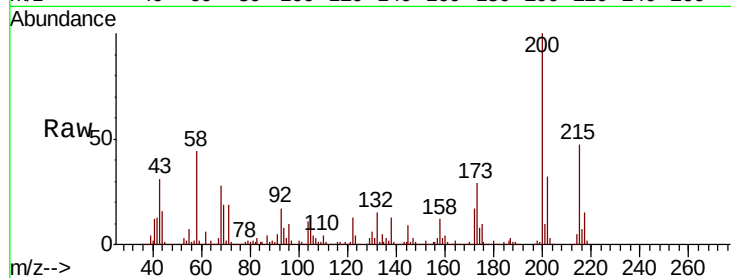
Tot Ion:200 Resp: 613579

Ion Ratio Lower Upper

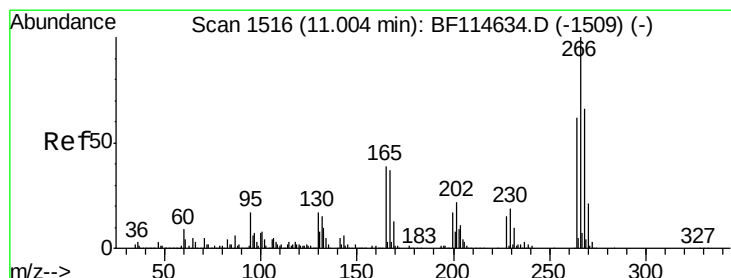
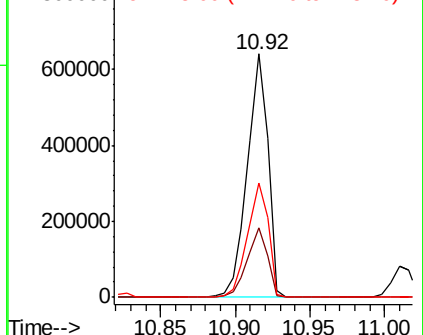
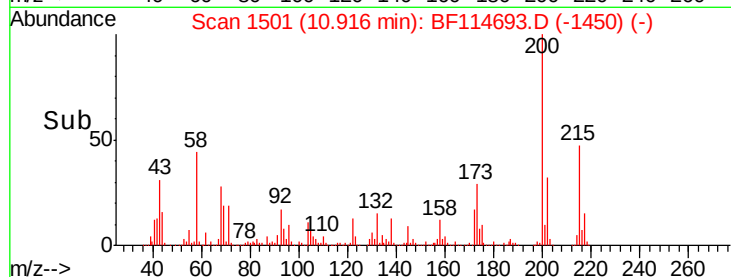
200 100

173 28.5 8.5 48.5

215 47.2 27.2 67.2



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: 41.316 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

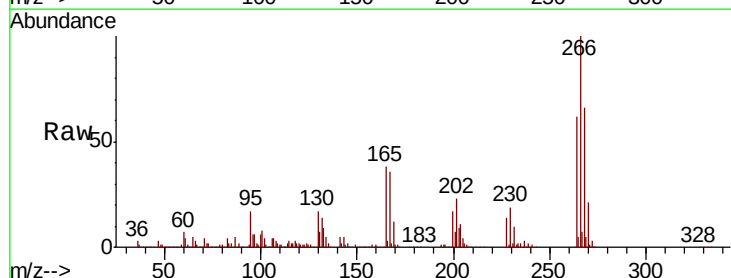
Tgt Ion:266 Resp: 451126

Ion Ratio Lower Upper

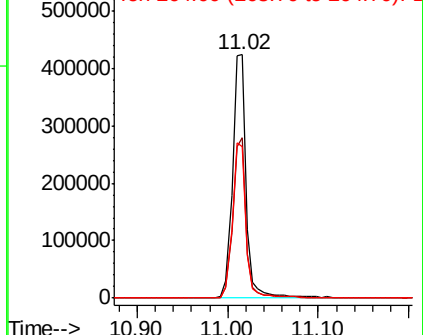
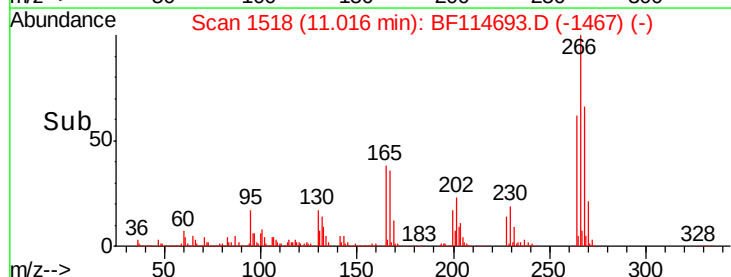
266 100

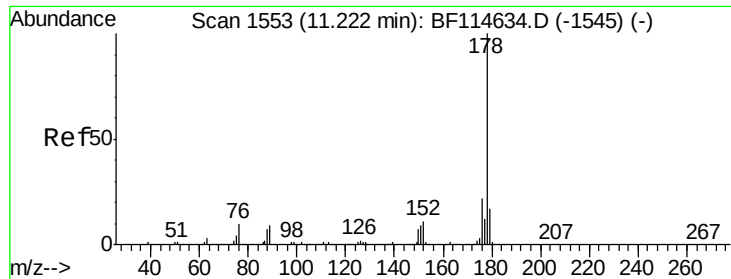
268 65.7 52.6 78.8

264 62.0 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

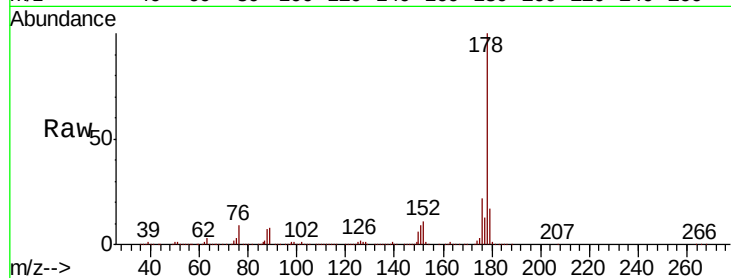




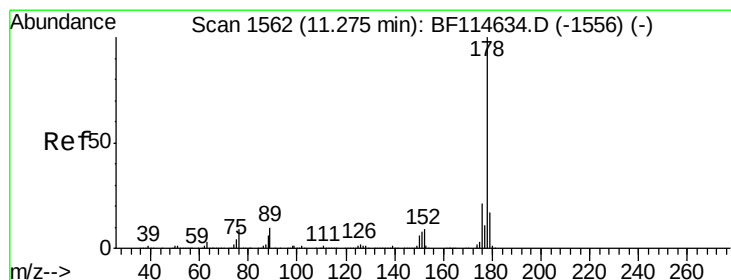
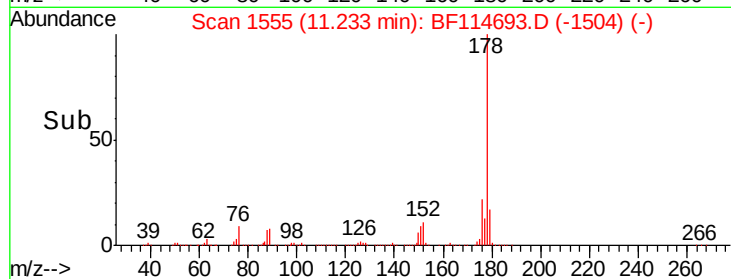
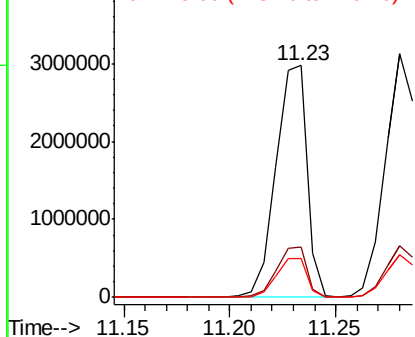
#71
Phenanthrene
Concen: 36.846 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 3065275
Ion Ratio Lower Upper
178 100
176 21.8 17.4 26.2
179 17.0 13.6 20.4

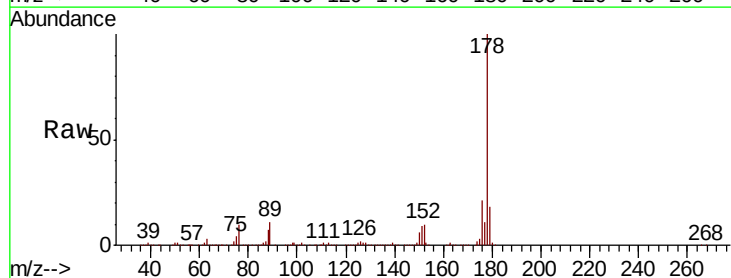


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

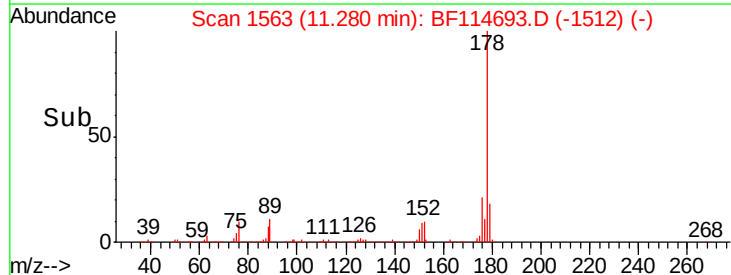
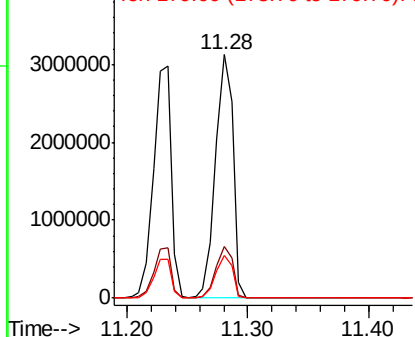


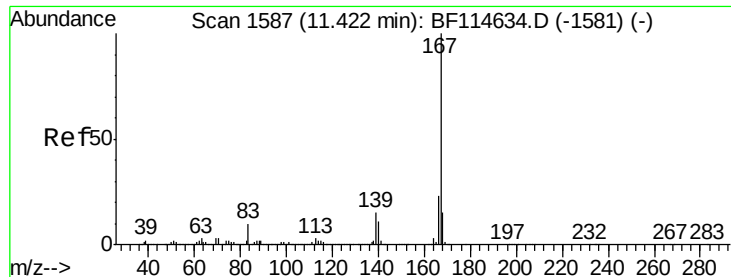
#72
Anthracene
Concen: 36.765 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:178 Resp: 3095468
Ion Ratio Lower Upper
178 100
176 21.4 17.1 25.7
179 17.7 14.2 21.2



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





#73

Carbazole

Concen: 38.660 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

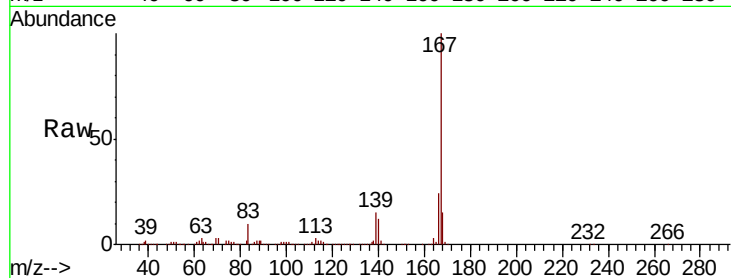
Tot Ion:167 Resp: 2860755

Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.0	28.4
139	14.9	11.9	17.9

167 100

166 23.7 19.0 28.4

139 14.9 11.9 17.9

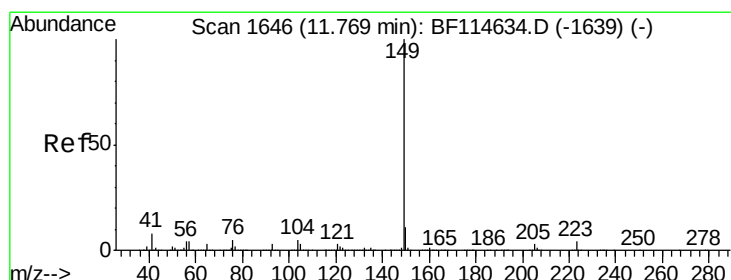
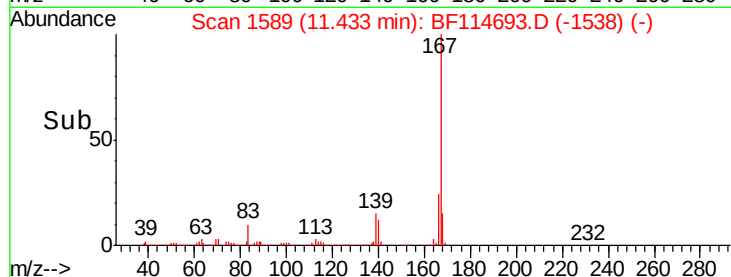
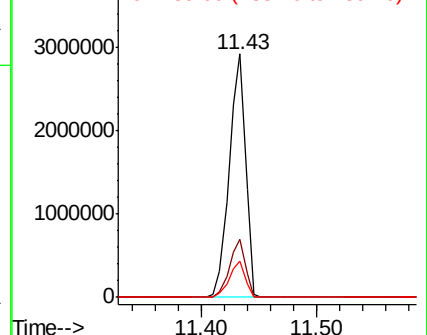


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.955 ng

RT: 11.77 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

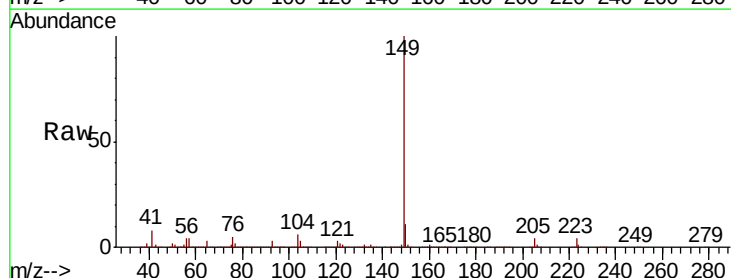
Tgt Ion:149 Resp: 3455831

Ion	Ratio	Lower	Upper
149	100		
150	11.3	9.0	13.6
104	5.7	4.6	6.8

149 100

150 11.3 9.0 13.6

104 5.7 4.6 6.8

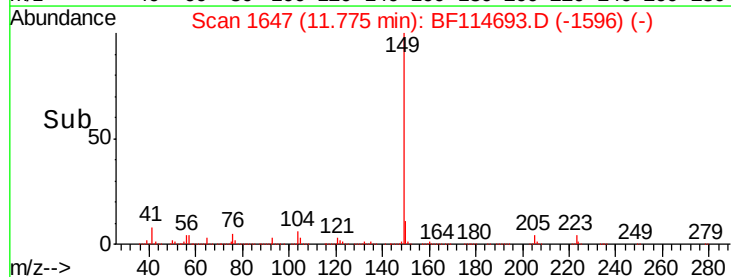
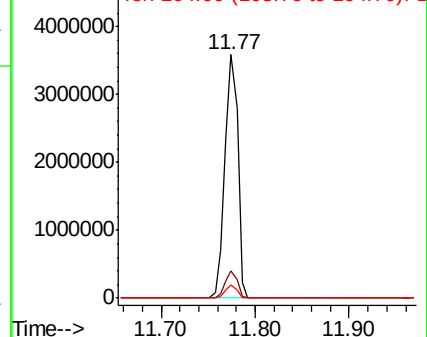


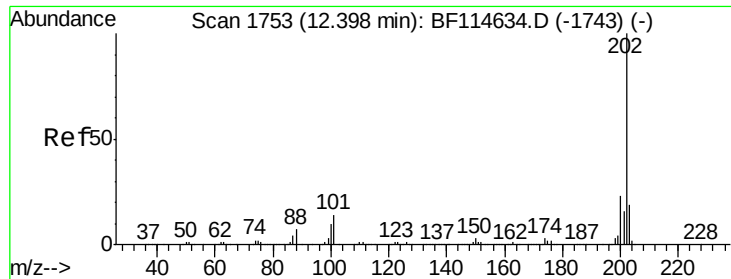
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.870 ng

RT: 12.41 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

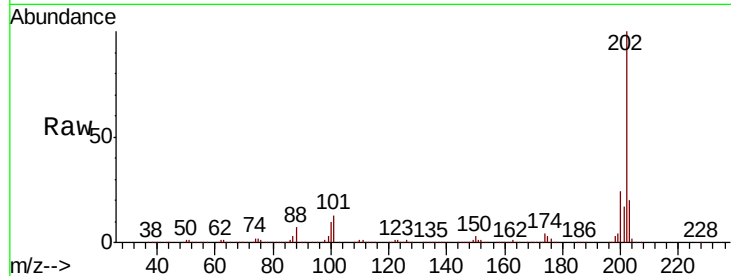
Tot Ion:202 Resp: 3089884

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.5

203 20.1 0.1 40.1

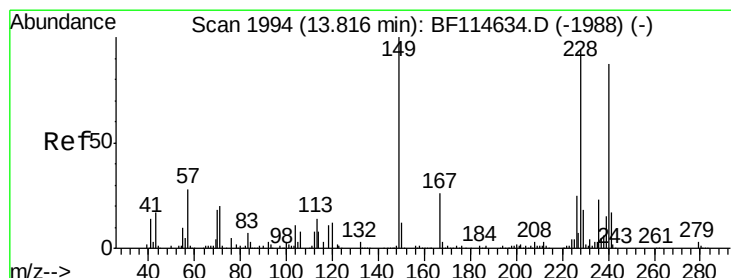
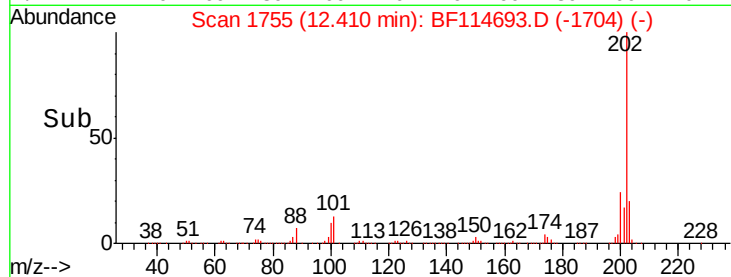
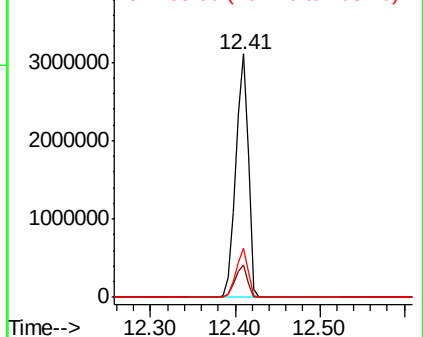


Abundance

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: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

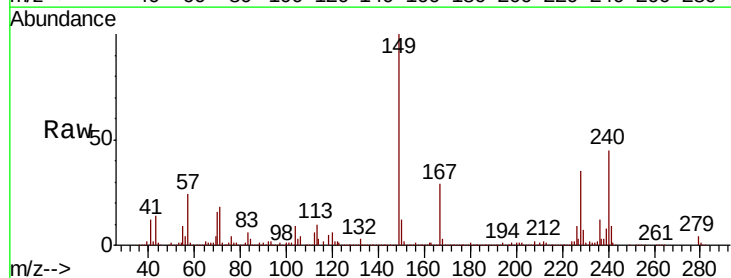
Tgt Ion:240 Resp: 850024

Ion Ratio Lower Upper

240 100

120 13.5 10.8 16.2

236 27.4 21.9 32.9

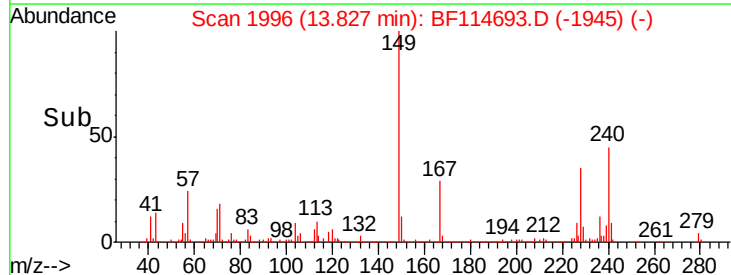
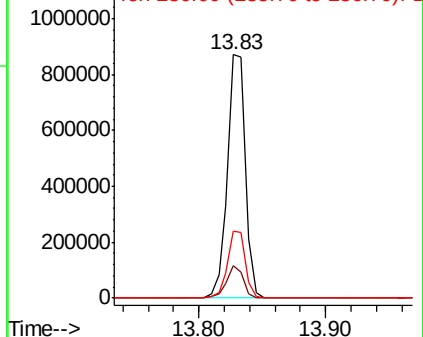


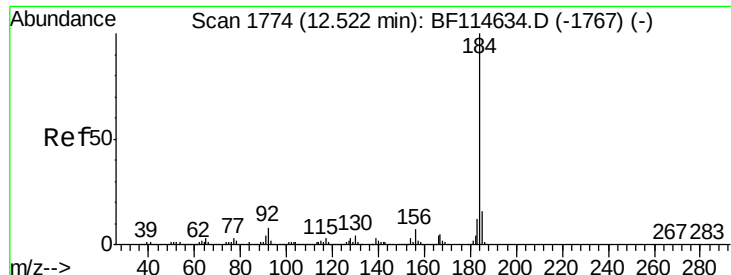
Abundance

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: 43.964 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

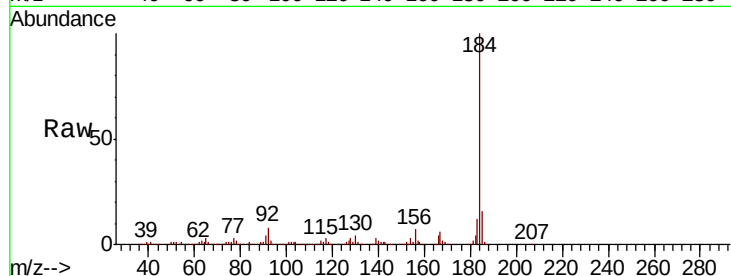
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1538840

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.7	19.1
183	12.2	9.8	14.6

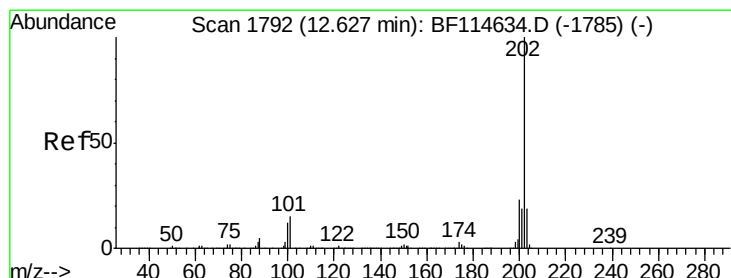
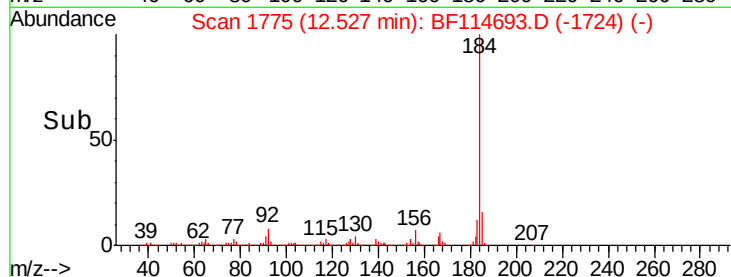
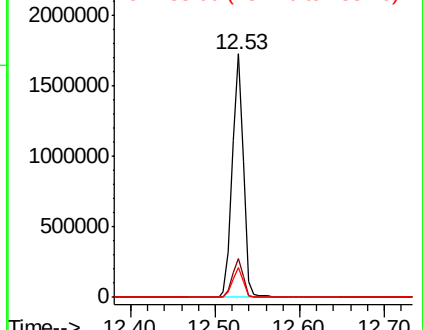


Abundance

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: 43.310 ng

RT: 12.64 min Scan# 1794

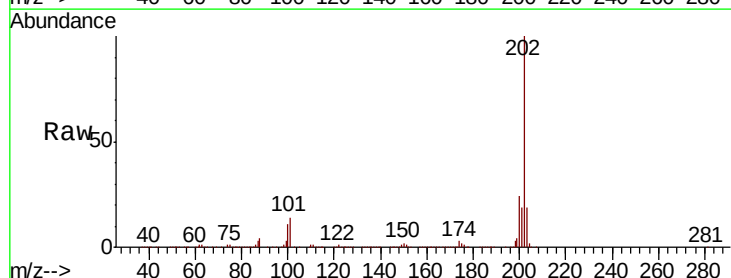
Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Tgt Ion:202 Resp: 3114191

Ion	Ratio	Lower	Upper
202	100		
200	23.7	19.0	28.4
203	19.4	15.5	23.3

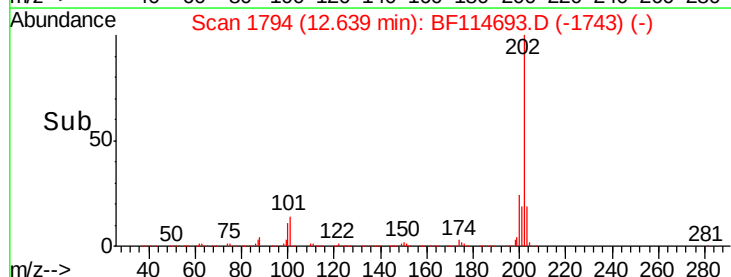
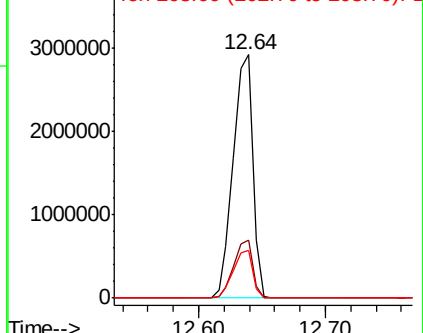


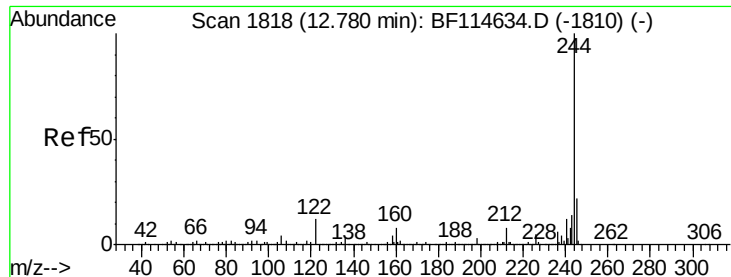
Abundance

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: 86.236 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

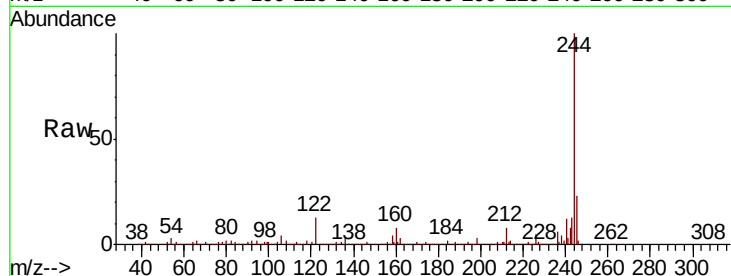
Tot Ion:244 Resp: 3898788

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

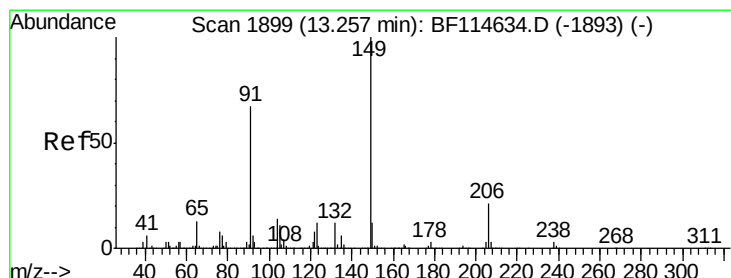
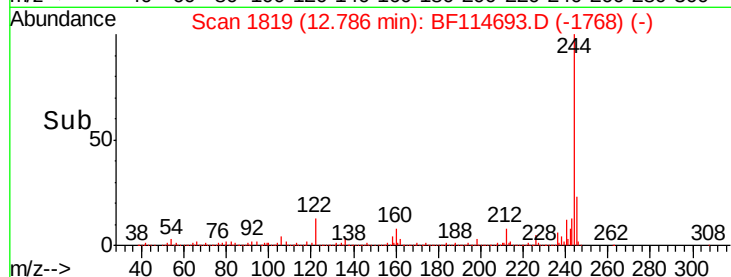
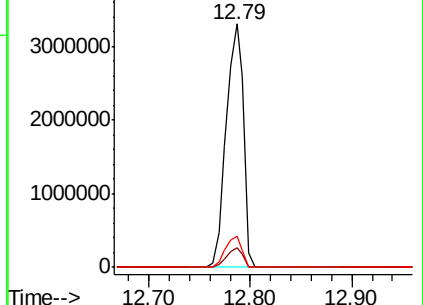
122 12.7 10.2 15.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.308 ng

RT: 13.26 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

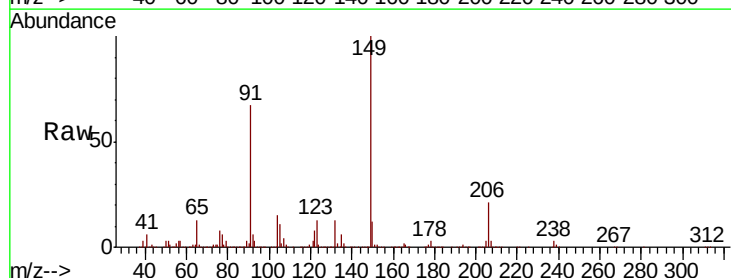
Tgt Ion:149 Resp: 1565021

Ion Ratio Lower Upper

149 100

91 67.0 53.6 80.4

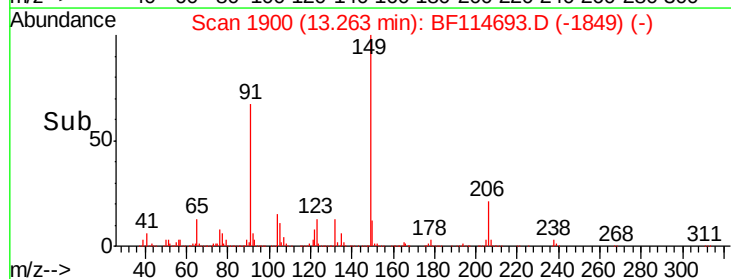
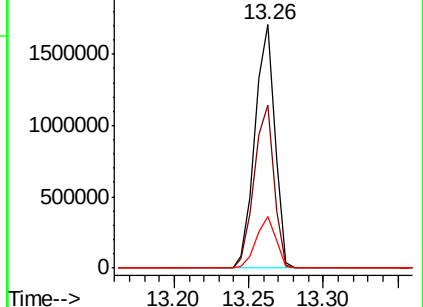
206 21.4 17.1 25.7

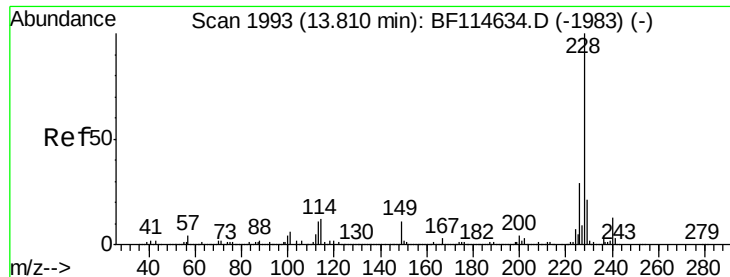


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.302 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

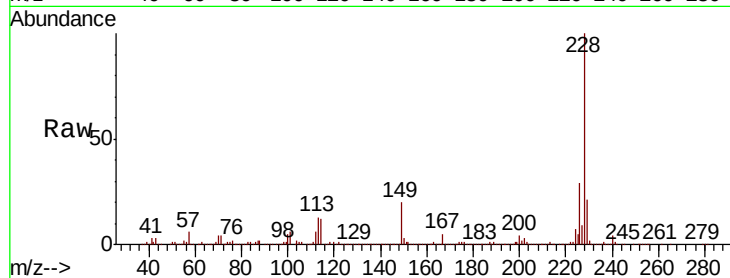
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2567269

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.8	34.2
229	21.3	17.0	25.6

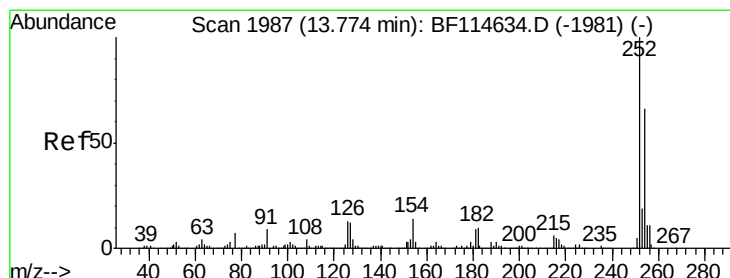
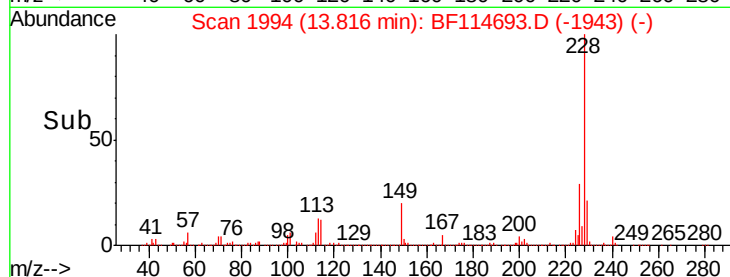
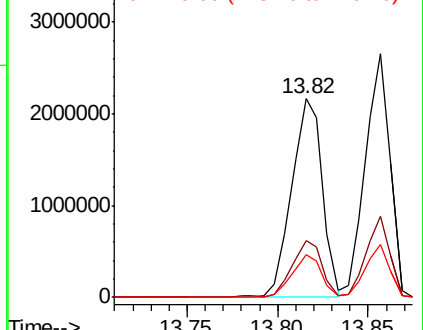


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.696 ng

RT: 13.79 min Scan# 1989

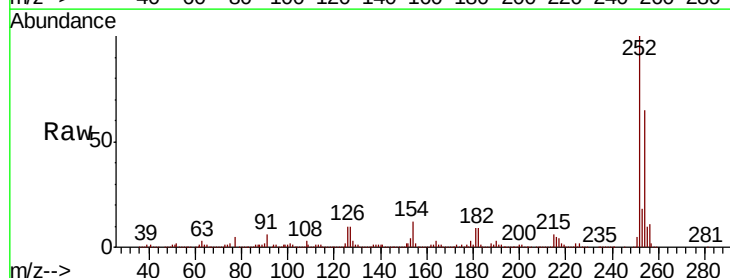
Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Tgt Ion:252 Resp: 1077057

Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.7	77.5
126	10.2	8.2	12.2

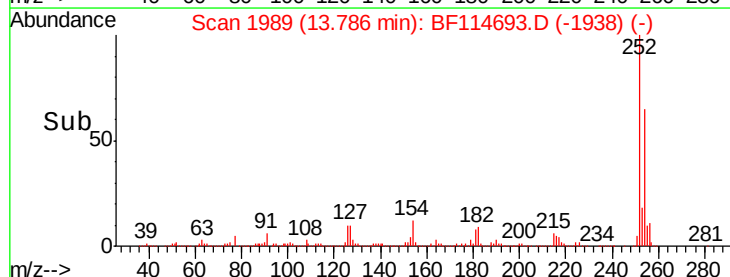
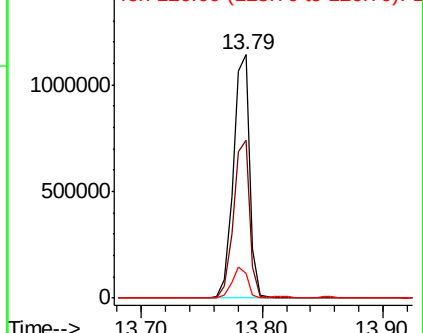


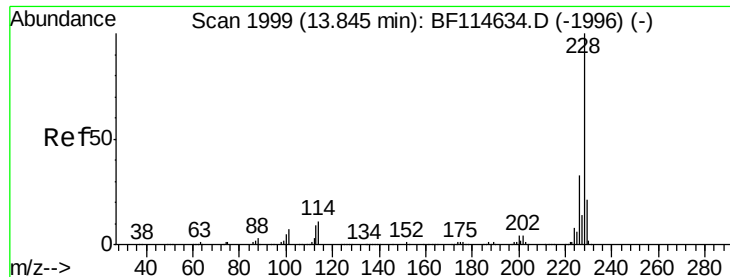
Abundance

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

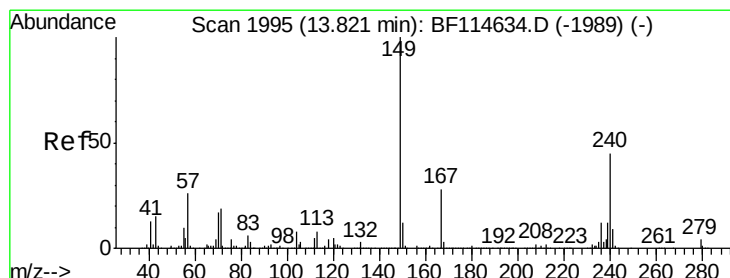
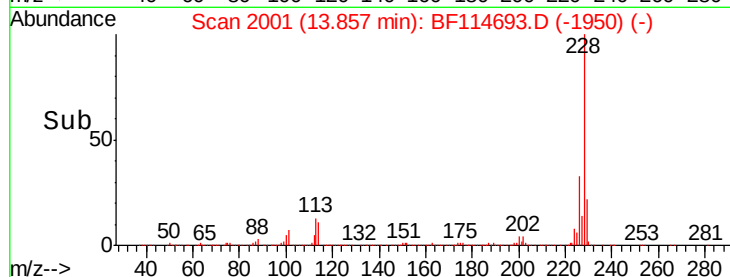
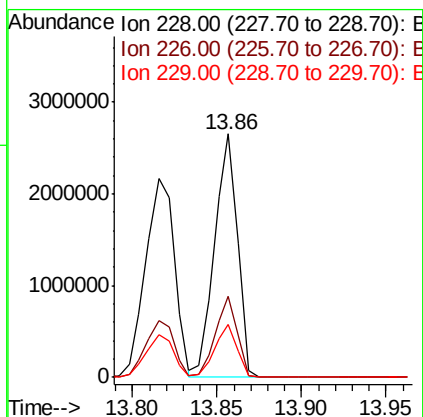
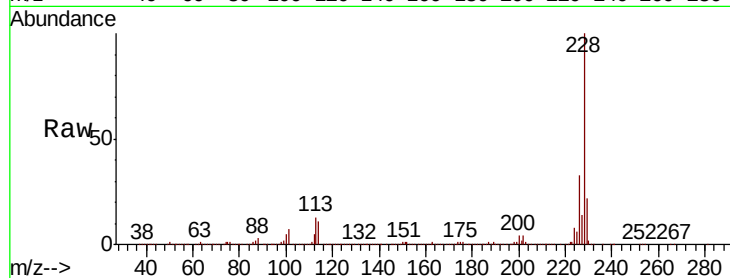




#83
 Chrysene
 Concen: 40.319 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

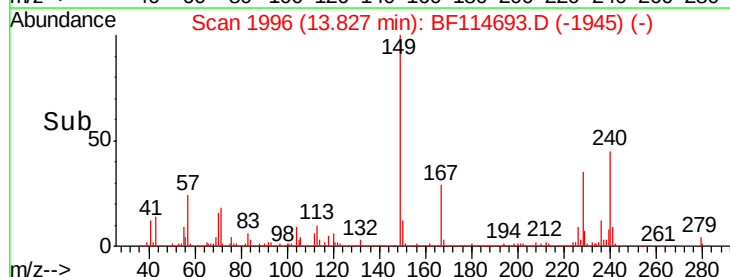
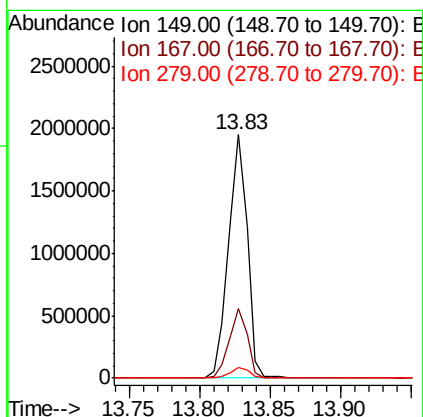
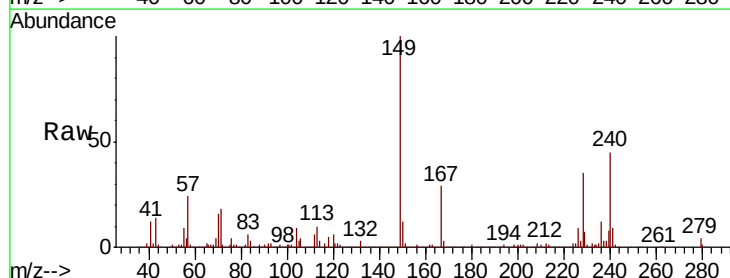
Instrument :
 BNA_F
 ClientSampleId :

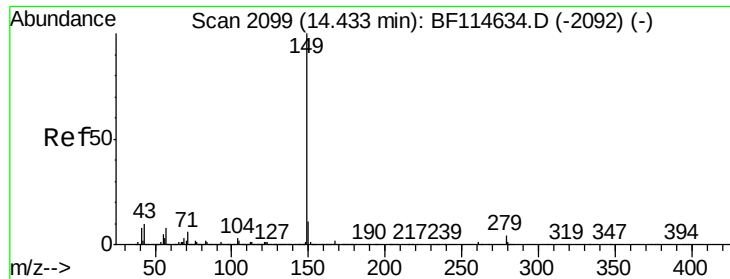
Tot Ion:228 Resp: 2516250
 Ion Ratio Lower Upper
 228 100
 226 33.2 26.6 39.8
 229 21.8 17.4 26.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.288 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BF114693.D
 Acq: 31 May 2019 8:23

Tgt Ion:149 Resp: 1799882
 Ion Ratio Lower Upper
 149 100
 167 28.6 22.9 34.3
 279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 40.578 ng

RT: 14.43 min Scan# 2099

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

Instrument :

BNA_F

ClientSampleId :

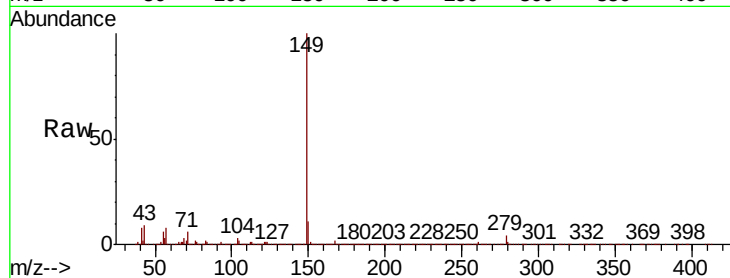
Tot Ion:149 Resp: 3149738

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

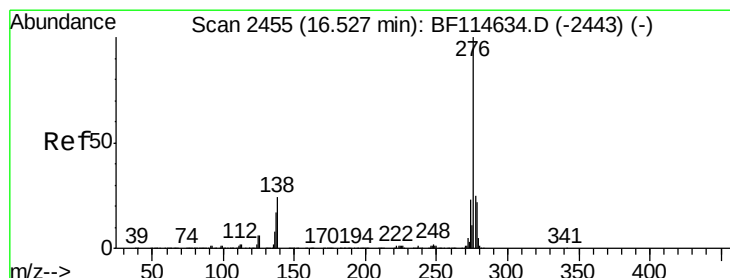
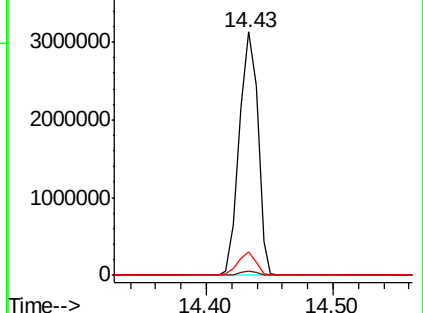
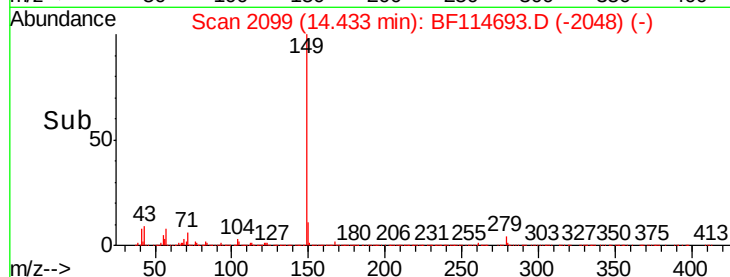
43 9.0 7.2 10.8



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: 36.639 ng

RT: 16.55 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BF114693.D

Acq: 31 May 2019 8:23

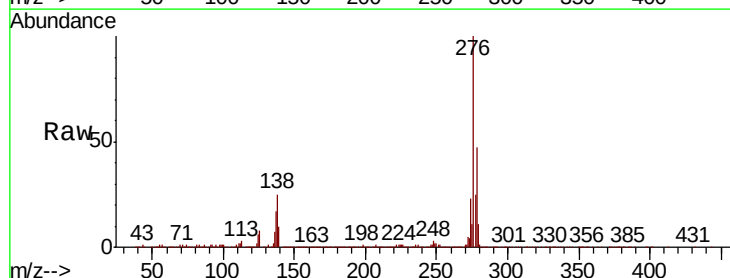
Tgt Ion:276 Resp: 2290186

Ion Ratio Lower Upper

276 100

138 27.6 22.1 33.1

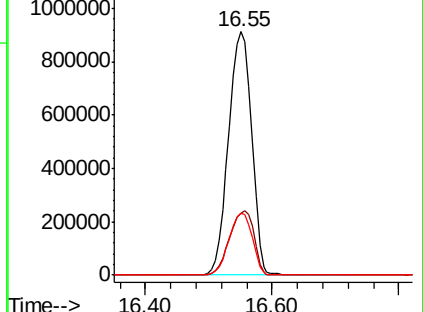
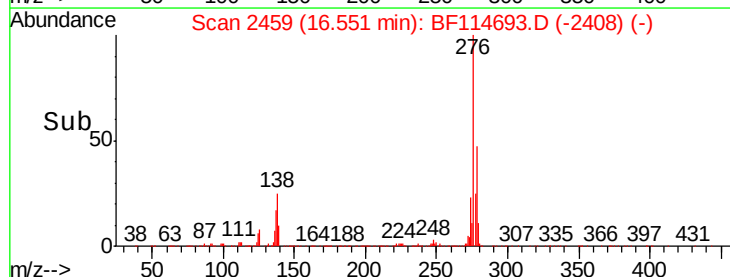
277 25.6 20.5 30.7

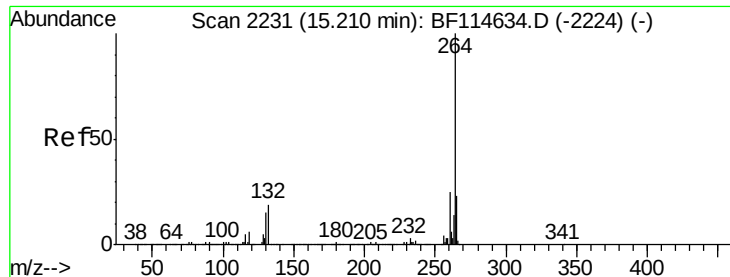


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

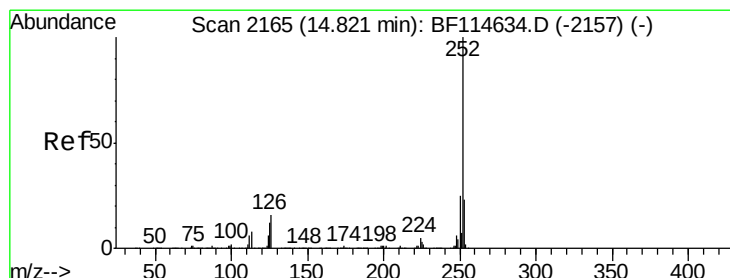
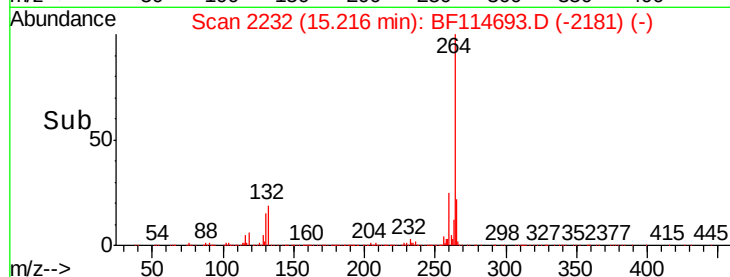
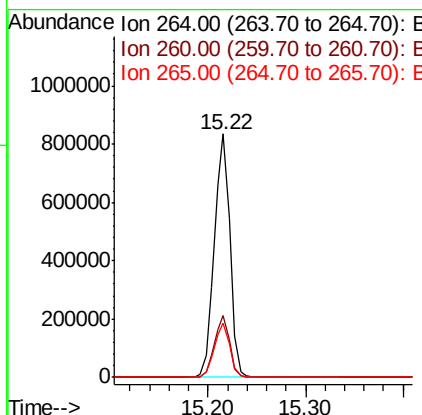
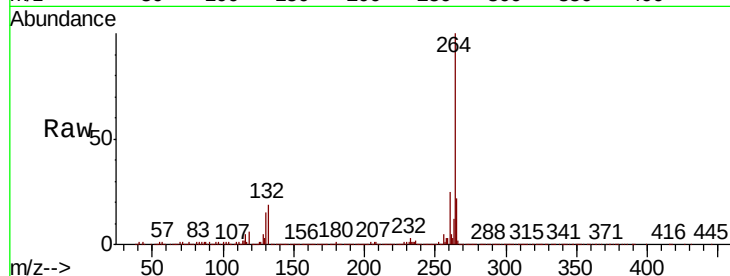




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

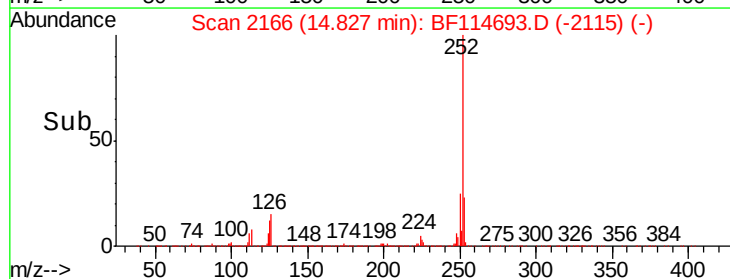
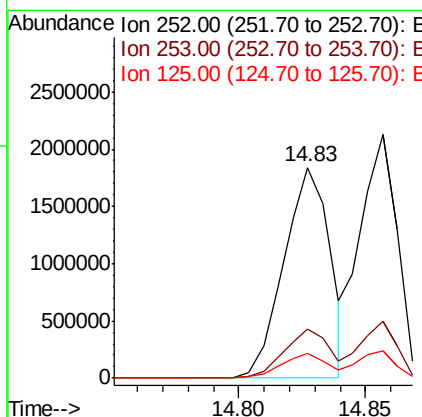
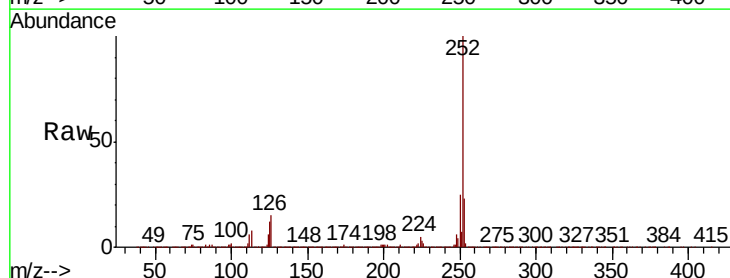
Instrument :
BNA_F
ClientSampleId :

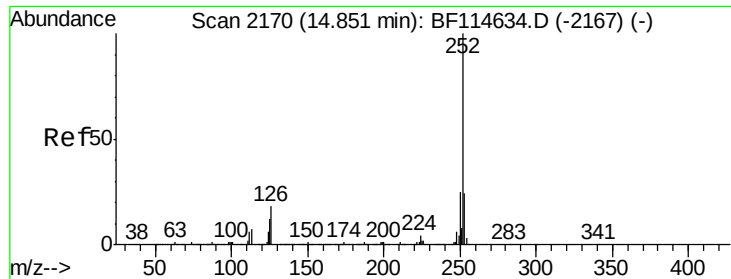
Tot Ion:264 Resp: 922193
Ion Ratio Lower Upper
264 100
260 25.4 20.3 30.5
265 22.5 18.0 27.0



#88
Benzo(b)fluoranthene
Concen: 39.909 ng
RT: 14.83 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:252 Resp: 2318029
Ion Ratio Lower Upper
252 100
253 23.2 18.6 27.8
125 11.7 9.4 14.0

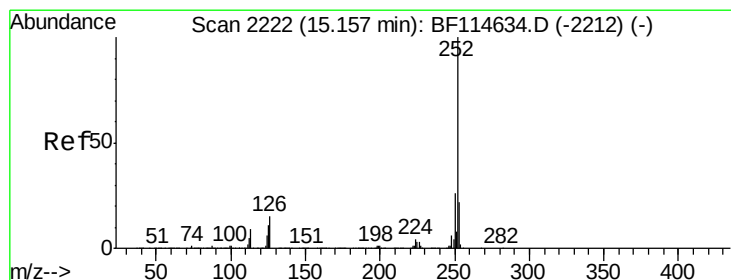
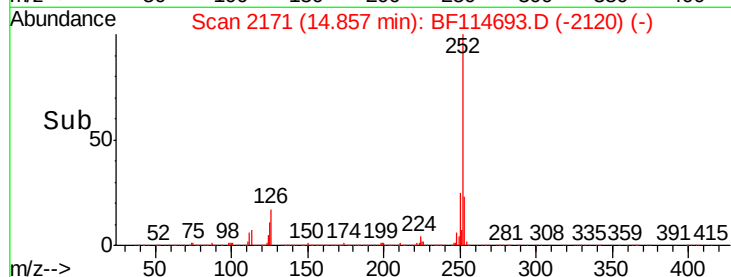
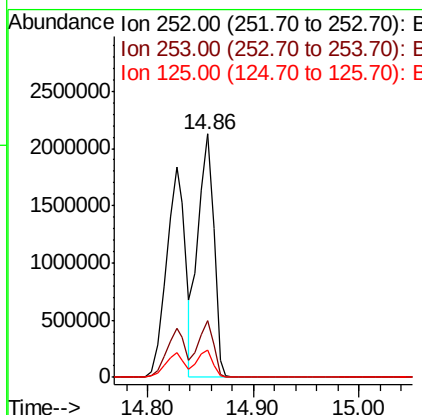
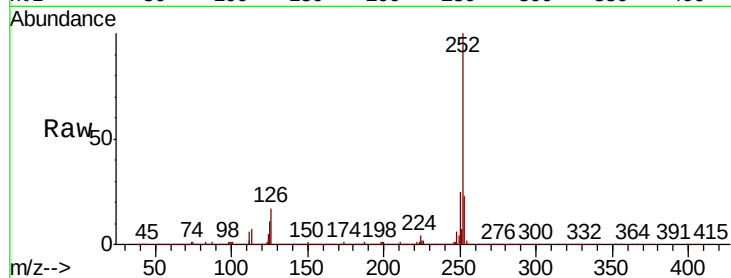




#89
Benzo(k)fluoranthene
Concen: 43.132 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

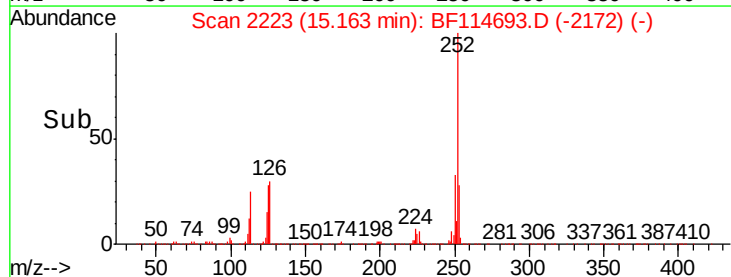
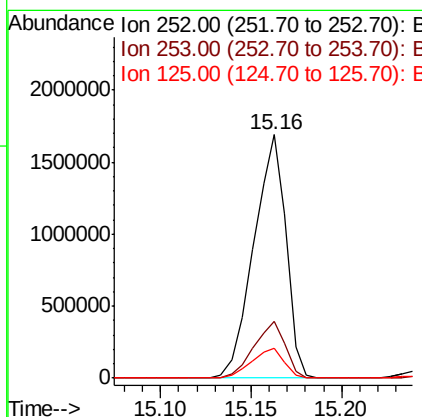
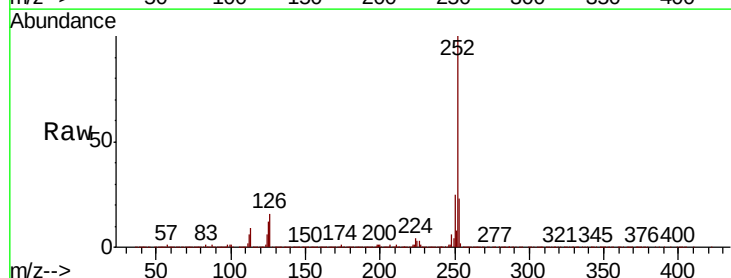
Instrument :
BNA_F
ClientSampleId :

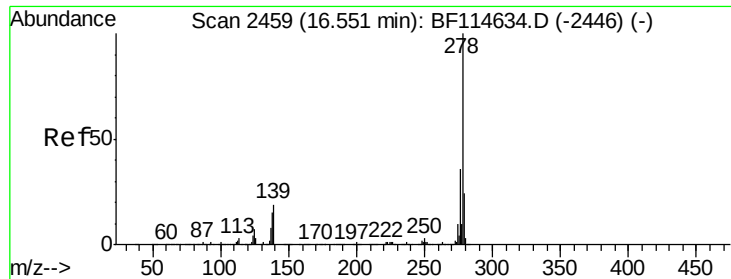
Tot Ion:252 Resp: 2177478
Ion Ratio Lower Upper
252 100
253 23.2 18.6 27.8
125 11.4 9.1 13.7



#90
Benzo(a)pyrene
Concen: 40.765 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:252 Resp: 2080036
Ion Ratio Lower Upper
252 100
253 23.1 18.5 27.7
125 12.4 9.9 14.9

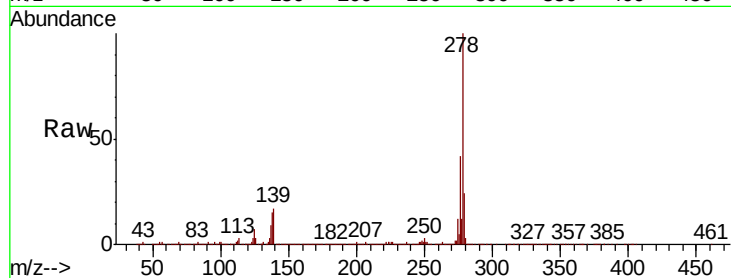




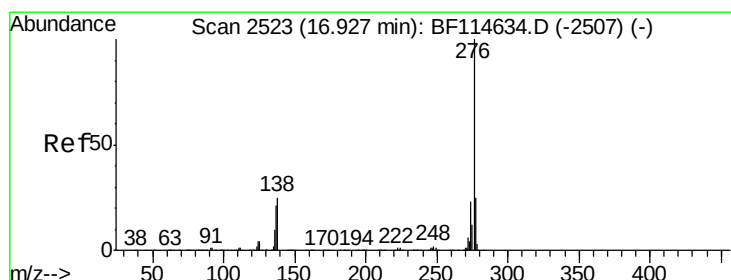
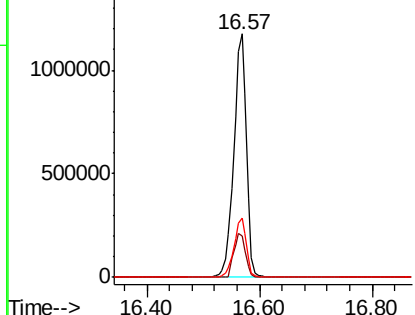
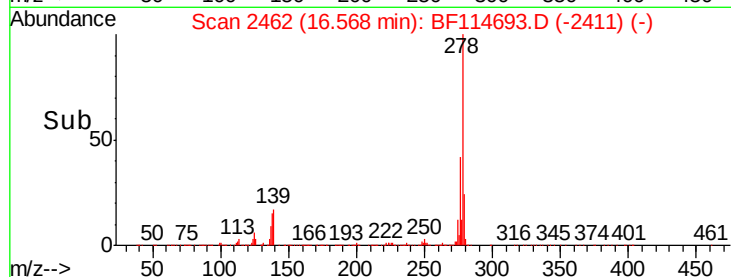
#91
Dibenzo(a,h)anthracene
Concen: 41.159 ng
RT: 16.57 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1855817
Ion Ratio Lower Upper
278 100
139 17.2 13.8 20.6
279 24.5 19.6 29.4

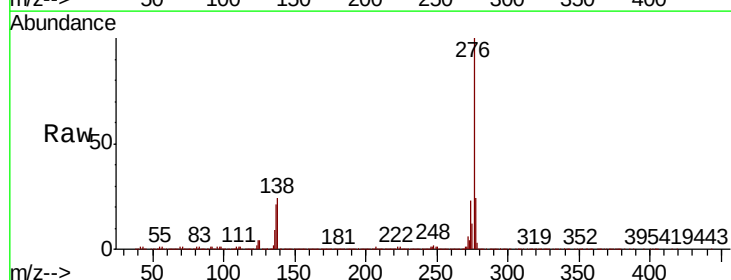


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.761 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF114693.D
Acq: 31 May 2019 8:23

Tgt Ion:276 Resp: 1871302
Ion Ratio Lower Upper
276 100
277 24.1 19.3 28.9
138 24.4 19.5 29.3



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

