

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112881.D
 Acq On : 6 Mar 2019 13:15
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 06 14:55:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	206209	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	840950	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	403507	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	790259	20.00	ng	0.00
76) Chrysene-d12	13.87	240	493142	20.00	ng	0.00
87) Perylene-d12	15.27	264	424075	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	988081	74.54	ng	0.00
7) Phenol-d6	6.37	99	1280402	76.89	ng	0.00
23) Nitrobenzene-d5	7.30	82	1184258	84.27	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	398932	93.13	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2017171	82.08	ng	0.00
79) Terphenyl-d14	12.83	244	2107467	82.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	234414	35.277	ng	99
3) Pyridine	3.13	79	626702	35.252	ng	99
4) n-Nitrosodimethylamine	3.08	42	278226	35.776	ng	100
6) Aniline	6.40	93	836930	36.513	ng	98
8) 2-Chlorophenol	6.52	128	576419	39.062	ng	96
9) Benzaldehyde	6.28	77	410796	34.237	ng	99
10) Phenol	6.39	94	727838	37.456	ng	# 71
11) bis(2-Chloroethyl)ether	6.47	93	558356	37.436	ng	97
12) 1,3-Dichlorobenzene	6.67	146	615188	40.356	ng	100
13) 1,4-Dichlorobenzene	6.75	146	619489	40.522	ng	98
14) 1,2-Dichlorobenzene	6.91	146	568895	40.594	ng	99
15) Benzyl Alcohol	6.88	79	503462	39.649	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	920023	36.962	ng	98
17) 2-Methylphenol	7.00	107	473634	39.564	ng	97
18) Hexachloroethane	7.25	117	233789	39.923	ng	93
19) n-Nitroso-di-n-propylamine	7.16	70	405524	38.451	ng	99
20) 3+4-Methylphenols	7.15	107	531390	39.317	ng	95
22) Acetophenone	7.15	105	797615	40.563	ng	98
24) Nitrobenzene	7.32	77	626525	40.054	ng	98
25) Isophorone	7.56	82	1153149	38.087	ng	98
26) 2-Nitrophenol	7.63	139	323508	49.683	ng	98
27) 2,4-Dimethylphenol	7.68	122	466427	38.504	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	718322	37.947	ng	99
29) 2,4-Dichlorophenol	7.88	162	492962	41.964	ng	95
30) 1,2,4-Trichlorobenzene	7.96	180	532594	42.194	ng	98
31) Naphthalene	8.04	128	1626930	38.967	ng	100
32) Benzoic acid	7.82	122	391786	46.145	ng	93
33) 4-Chloroaniline	8.09	127	703022	39.755	ng	98
34) Hexachlorobutadiene	8.16	225	320053	44.960	ng	99
35) Caprolactam	8.47	113	162108	39.180	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	520953	40.071	ng	97
37) 2-Methylnaphthalene	8.73	142	1079556	40.039	ng	100
38) 1-Methylnaphthalene	8.83	142	1039686	39.807	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	504233	42.853	ng	99

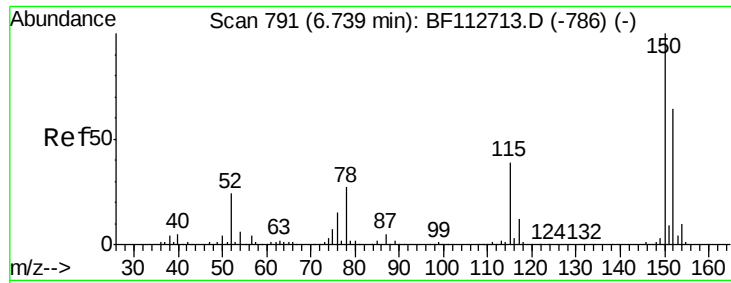
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112881.D
 Acq On : 6 Mar 2019 13:15
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	295865	45.917	ng	100
43) 2,4,6-Trichlorophenol	9.01	196	345857	42.708	ng	98
44) 2,4,5-Trichlorophenol	9.05	196	381148	43.544	ng	97
46) 1,1'-Biphenyl	9.19	154	1340293	40.723	ng	99
47) 2-Chloronaphthalene	9.22	162	1029480	40.059	ng	99
48) 2-Nitroaniline	9.31	65	333419	42.684	ng	99
49) Acenaphthylene	9.63	152	1680670	38.523	ng	100
50) Dimethylphthalate	9.50	163	1203372	40.446	ng	100
51) 2,6-Dinitrotoluene	9.56	165	270561	43.669	ng #	77
52) Acenaphthene	9.80	154	1015306	39.795	ng	99
53) 3-Nitroaniline	9.72	138	310485	41.126	ng	98
54) 2,4-Dinitrophenol	9.83	184	132369	54.471	ng	99
55) Dibenzofuran	9.97	168	1437593	38.769	ng	99
56) 4-Nitrophenol	9.89	139	256311	41.774	ng #	85
57) 2,4-Dinitrotoluene	9.96	165	350567	45.520	ng	87
58) Fluorene	10.32	166	1042638	39.616	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	320360	43.929	ng	96
60) Diethylphthalate	10.19	149	1205011	38.348	ng	99
61) 4-Chlorophenyl-phenylether	10.31	204	516265	42.161	ng	94
62) 4-Nitroaniline	10.33	138	306812	43.980	ng	97
63) Azobenzene	10.47	77	1157445	35.961	ng	95
65) 4,6-Dinitro-2-methylphenol	10.36	198	165602	50.712	ng	89
66) n-Nitrosodiphenylamine	10.43	169	980349	38.681	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	356072	42.778	ng	98
68) Hexachlorobenzene	10.86	284	409394	43.631	ng	95
69) Atrazine	10.95	200	311746	40.162	ng	98
70) Pentachlorophenol	11.06	266	253234	45.854	ng	100
71) Phenanthrene	11.27	178	1578740	40.153	ng	100
72) Anthracene	11.32	178	1585090	38.512	ng	100
73) Carbazole	11.47	167	1505824	37.505	ng	100
74) Di-n-butylphthalate	11.81	149	1832523	38.065	ng	100
75) Fluoranthene	12.45	202	1661485	39.442	ng	98
77) Benzidine	12.57	184	950362	37.145	ng	99
78) Pyrene	12.68	202	1662230	39.983	ng	100
80) Butylbenzylphthalate	13.30	149	708759	38.623	ng	95
81) Benzo(a)anthracene	13.86	228	1218202	35.643	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	492398	38.093	ng	99
83) Chrysene	13.90	228	1228134	36.684	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	793437	36.863	ng	99
85) Di-n-octyl phthalate	14.47	149	1324301	35.831	ng	97
86) Indeno(1,2,3-cd)pyrene	16.64	276	1133162	39.702	ng	95
88) Benzo(b)fluoranthene	14.87	252	1149539	41.908	ng	98
89) Benzo(k)fluoranthene	14.90	252	900027	36.224	ng	98
90) Benzo(a)pyrene	15.22	252	945725	38.979	ng	98
91) Dibenzo(a,h)anthracene	16.65	278	924987	44.677	ng	97
92) Benzo(g,h,i)perylene	17.04	276	951374	45.763	ng	95

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

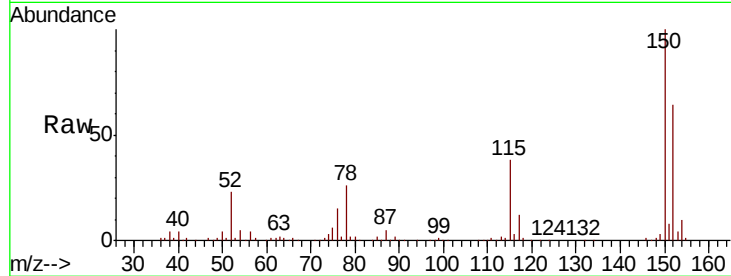


#1

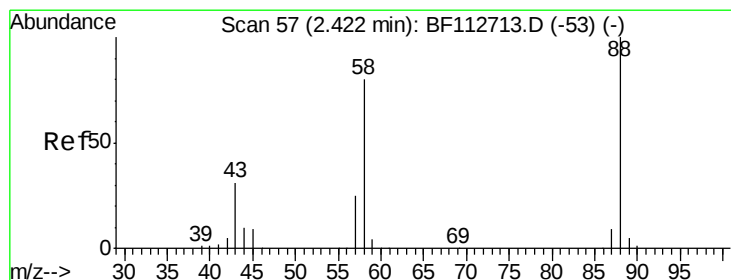
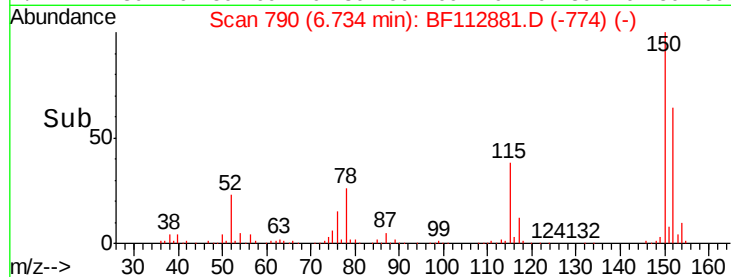
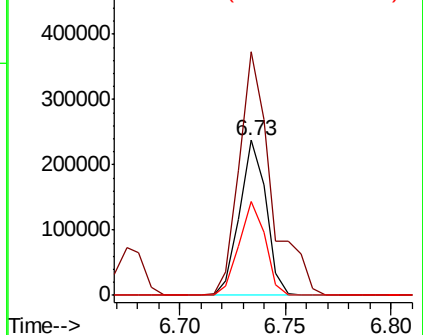
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.2	186.2
115	60.4	48.2	72.4



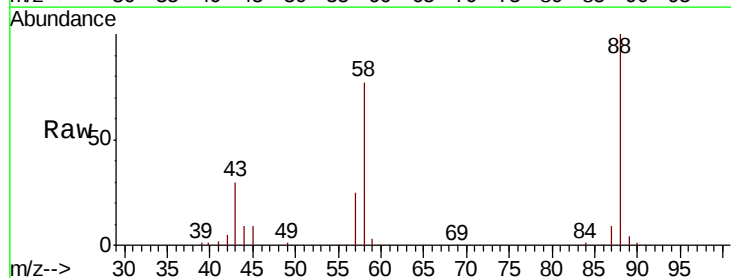
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



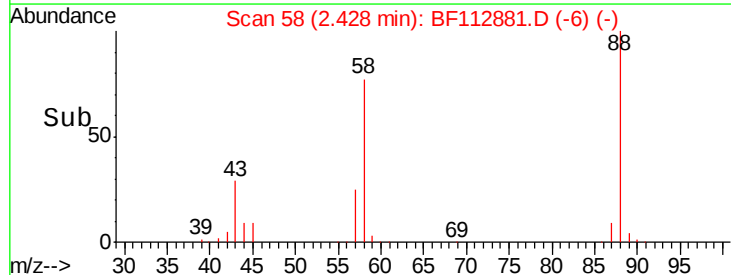
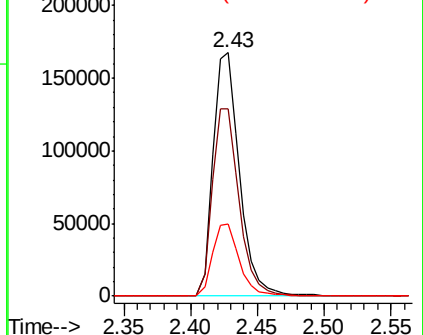
#2

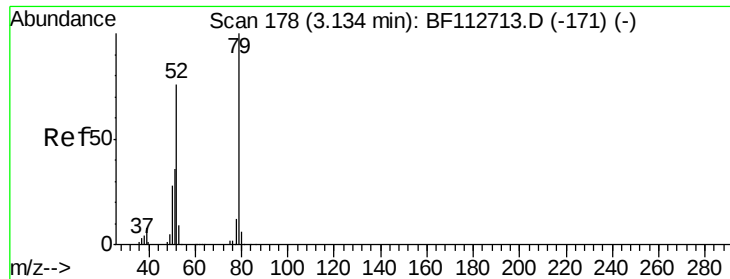
1,4-Dioxane
Concen: 35.277 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.8	63.1	94.7
43	30.1	24.3	36.5



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: 35.252 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.00 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

Instrument :

BNA_E

ClientSampleId :

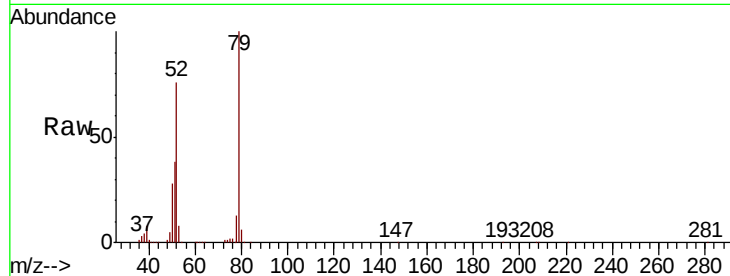
Tot Ion: 79 Resp: 626702

Ion Ratio Lower Upper

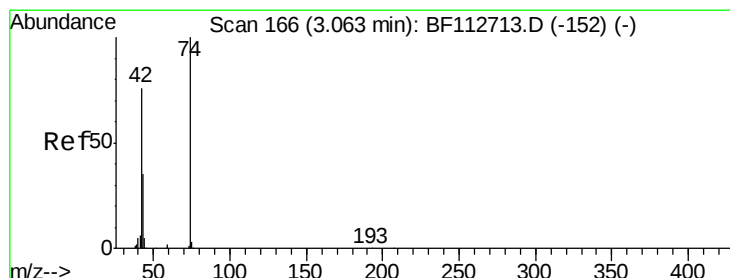
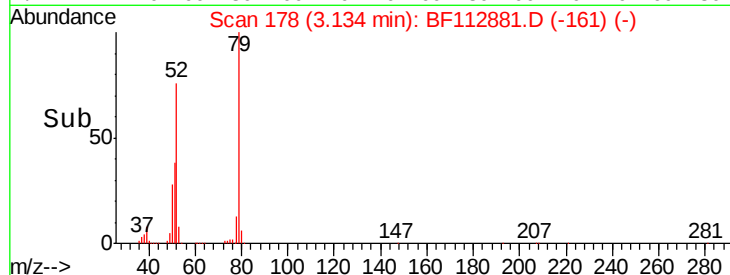
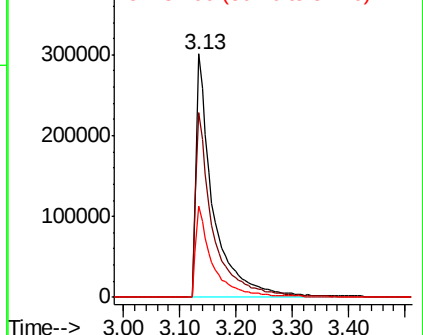
79 100

52 75.9 60.5 90.7

51 37.8 28.8 43.2



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



#4

n-Nitrosodimethylamine

Concen: 35.776 ng

RT: 3.08 min Scan# 168

Delta R.T. 0.01 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

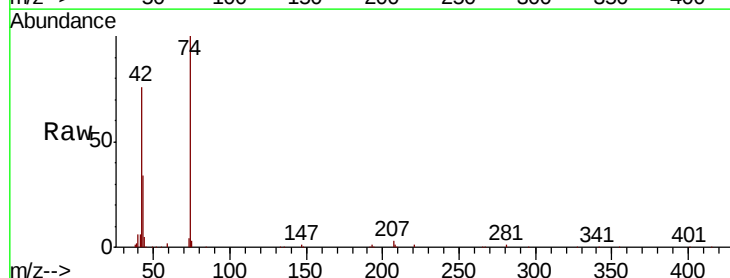
Tgt Ion: 42 Resp: 278226

Ion Ratio Lower Upper

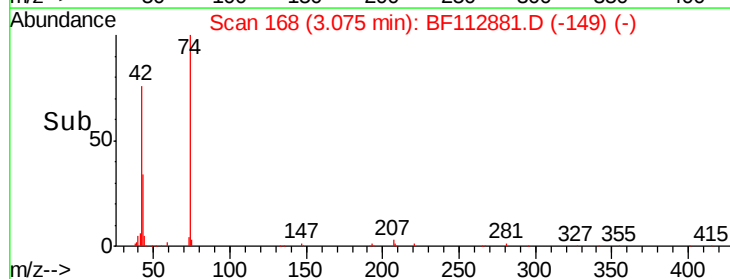
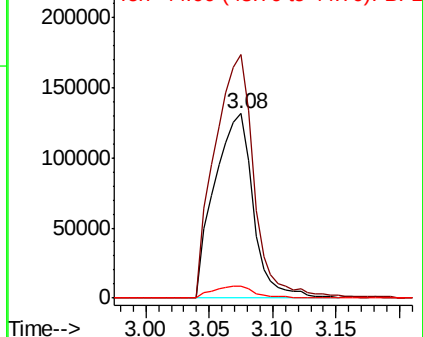
42 100

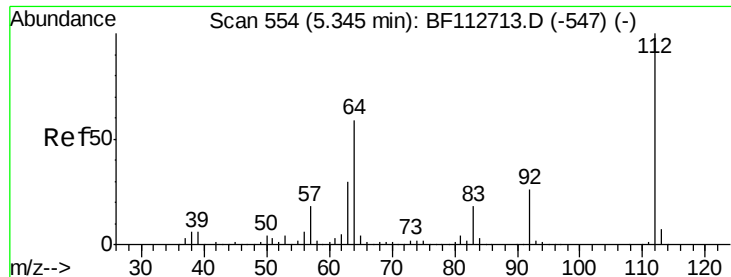
74 132.0 105.8 158.8

44 6.5 6.2 9.2



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: 74.536 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF112881.D

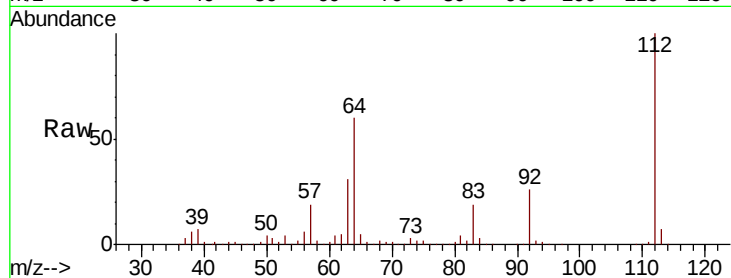
Acq: 6 Mar 2019 13:15

Instrument :

BNA_E

ClientSampleId :

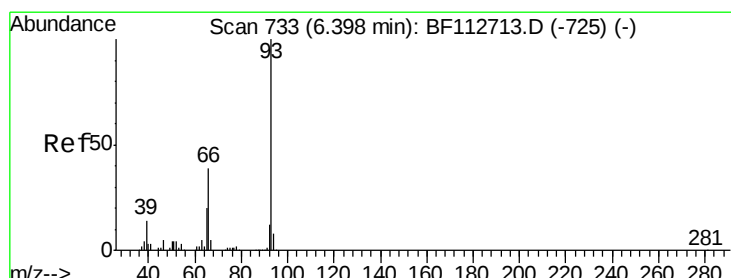
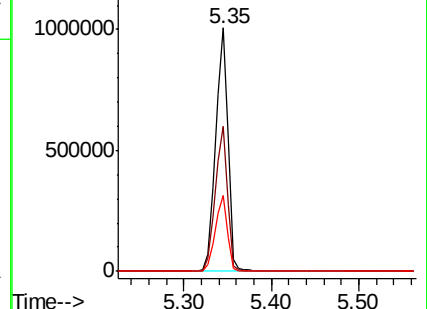
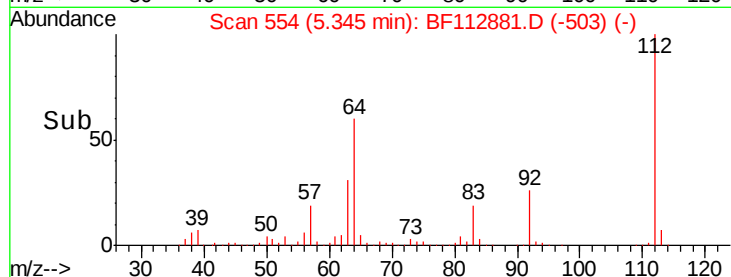
Tot Ion:	112	Resp:	988081
Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.6	71.4
63	31.0	24.4	36.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.513 ng

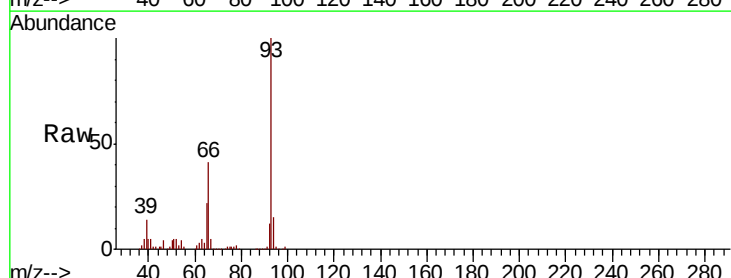
RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

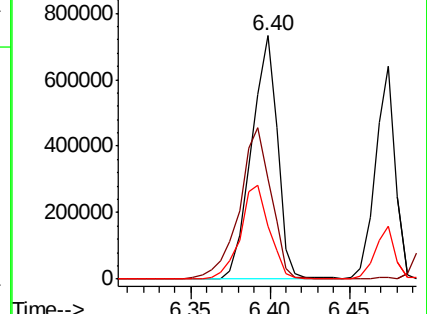
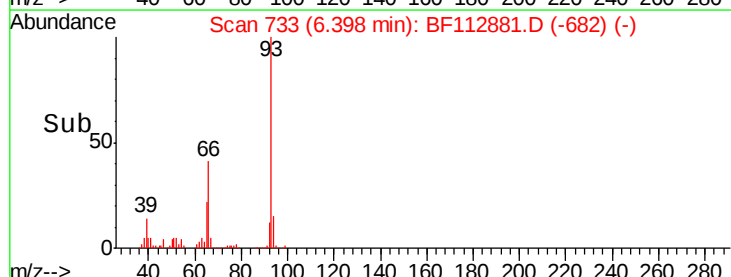
Tgt Ion:	93	Resp:	836930
Ion	Ratio	Lower	Upper
93	100		
66	41.2	32.2	48.2
65	21.6	16.2	24.4

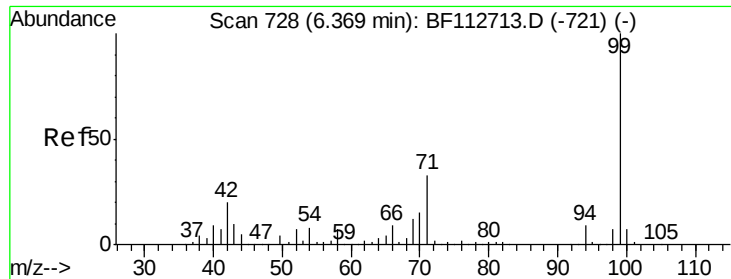


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.891 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

Instrument :

BNA_E

ClientSampleId :

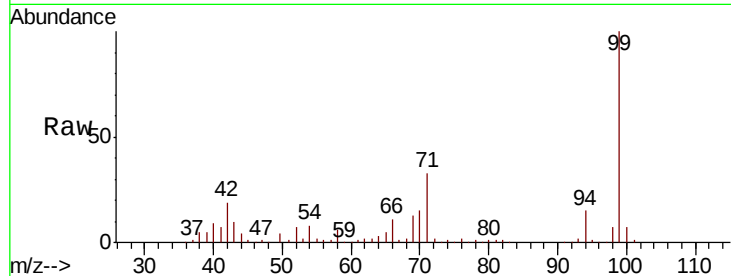
Tot Ion: 99 Resp: 1280402

Ion Ratio Lower Upper

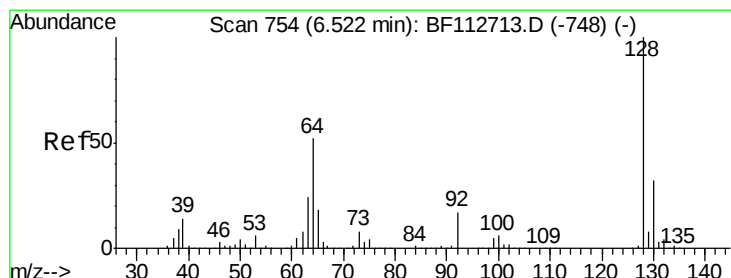
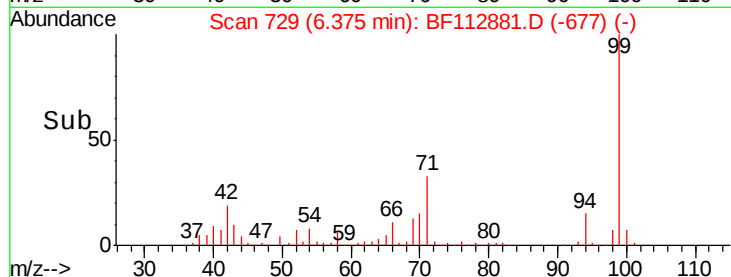
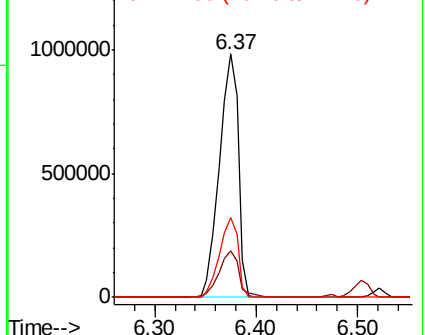
99 100

42 19.2 16.3 24.5

71 32.6 26.2 39.4



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: 39.062 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

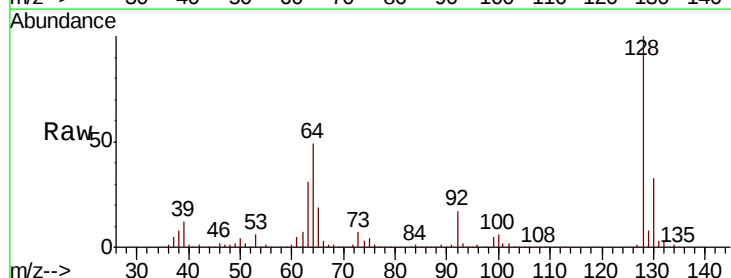
Tgt Ion:128 Resp: 576419

Ion Ratio Lower Upper

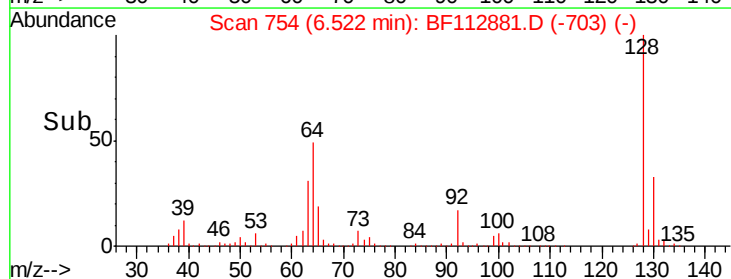
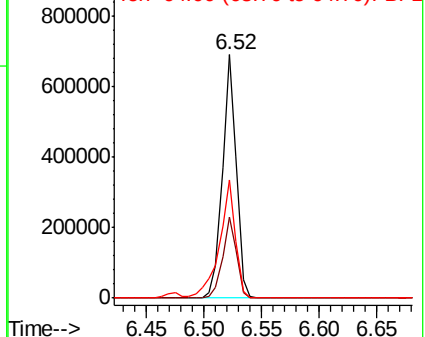
128 100

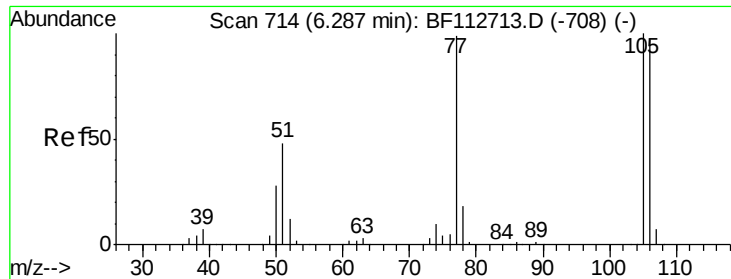
130 33.2 12.4 52.4

64 48.6 32.2 72.2



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: 34.237 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

Instrument :

BNA_E

ClientSampled :

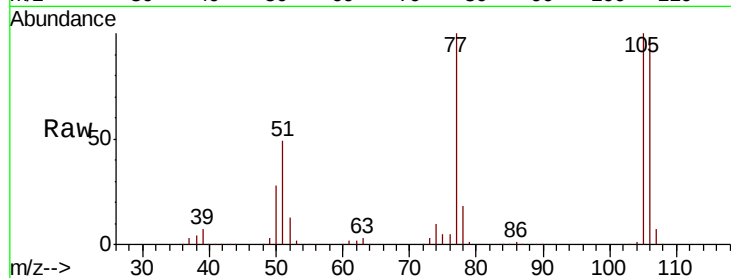
Tot Ion: 77 Resp: 410796

Ion Ratio Lower Upper

77 100

105 100.2 81.4 121.4

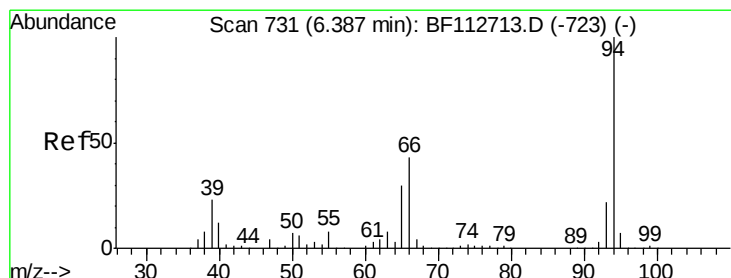
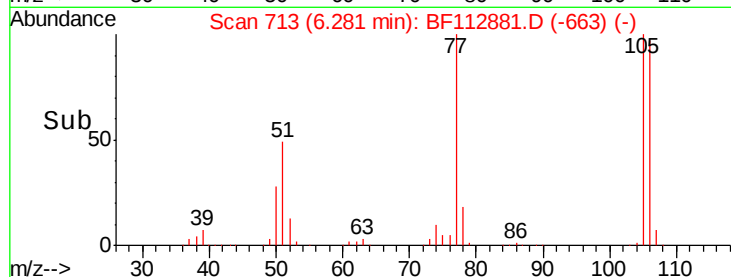
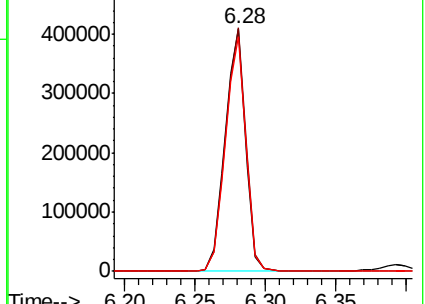
106 96.9 78.3 118.3



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: 37.456 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

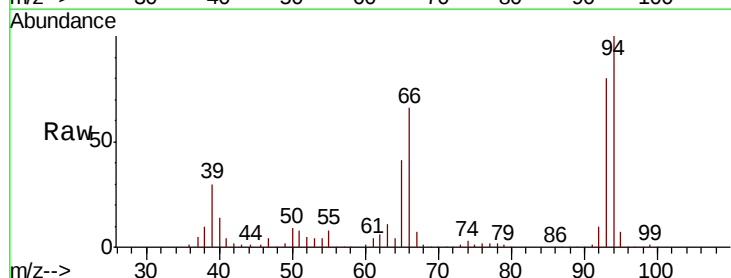
Tgt Ion: 94 Resp: 727838

Ion Ratio Lower Upper

94 100

65 40.8 10.5 50.5

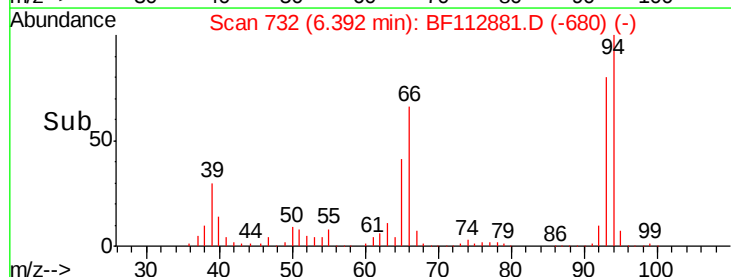
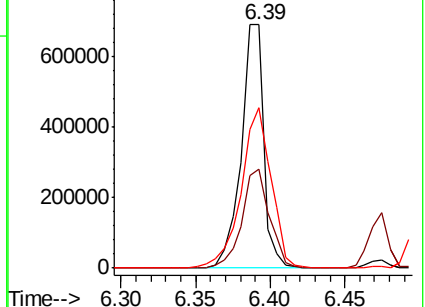
66 65.7 22.6 62.6#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

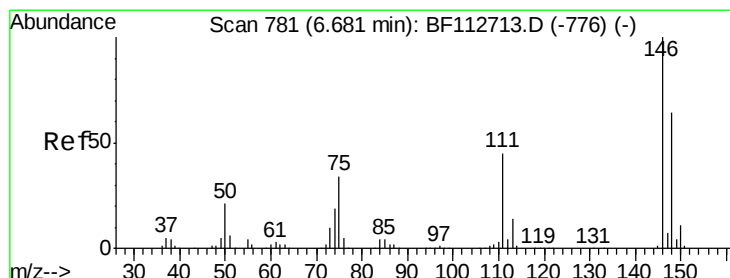
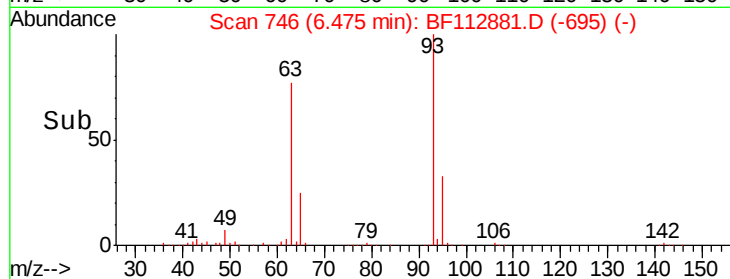
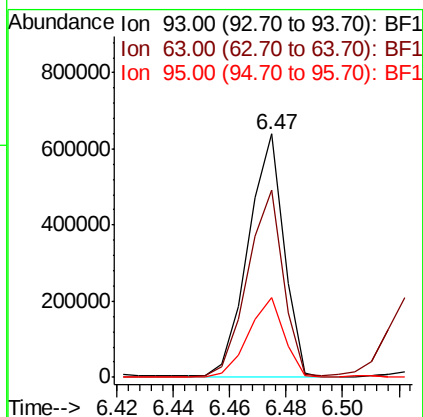
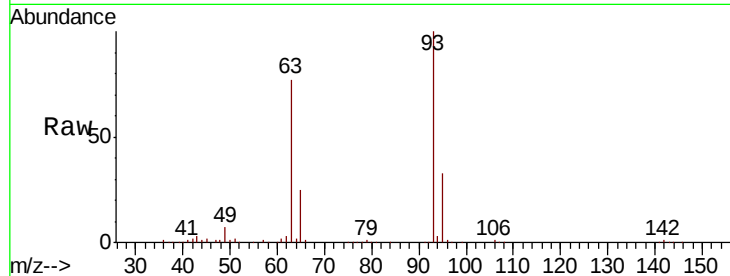




#11
bis(2-Chloroethyl)ether
Concen: 37.436 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

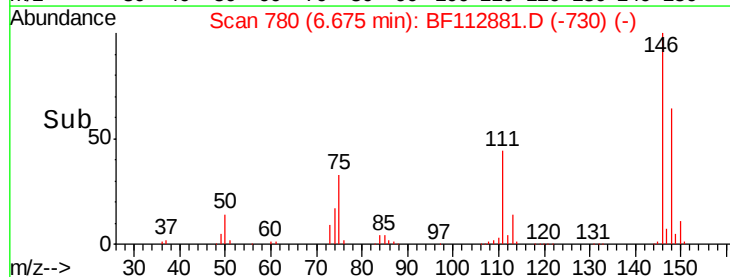
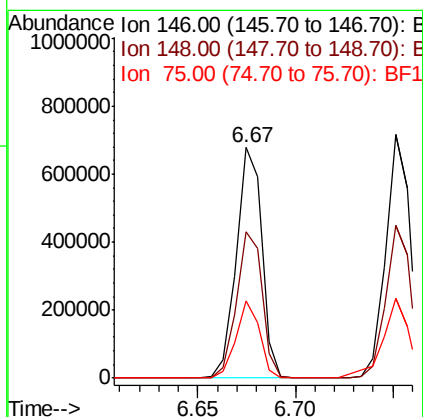
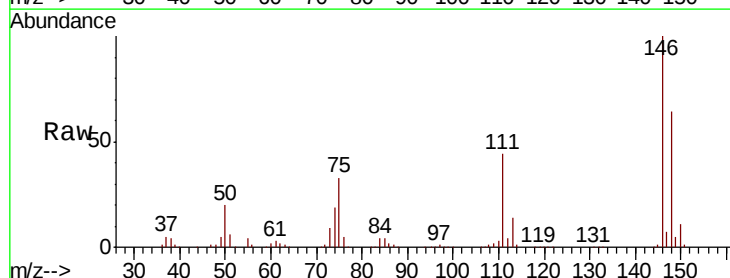
Instrument :
BNA_E
ClientSampleId :

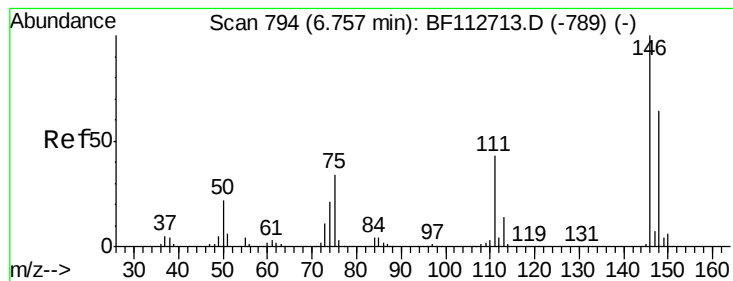
Tot Ion: 93 Resp: 558356
Ion Ratio Lower Upper
93 100
63 76.8 60.5 100.5
95 32.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.356 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Tgt Ion: 146 Resp: 615188
Ion Ratio Lower Upper
146 100
148 63.6 50.9 76.3
75 33.4 26.9 40.3





#13

1,4-Dichlorobenzene

Concen: 40.522 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

Instrument :

BNA_E

ClientSampled :

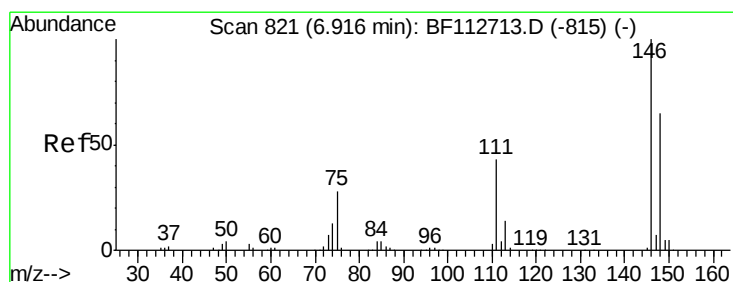
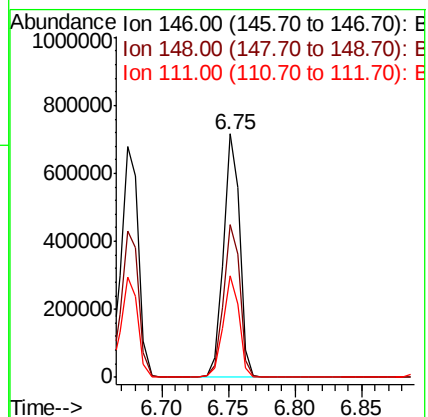
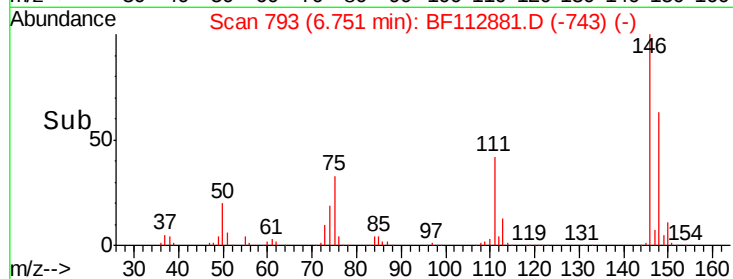
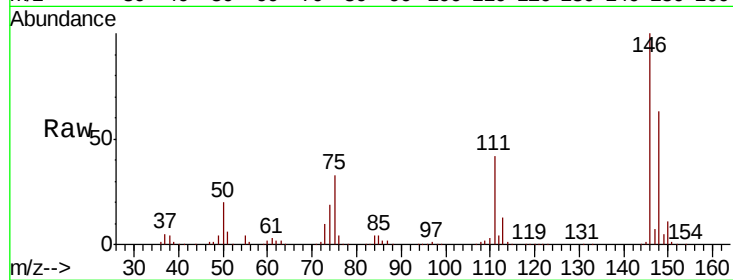
Tot Ion:146 Resp: 619489

Ion Ratio Lower Upper

146 100

148 62.7 51.0 76.4

111 41.9 34.5 51.7



#14

1,2-Dichlorobenzene

Concen: 40.594 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

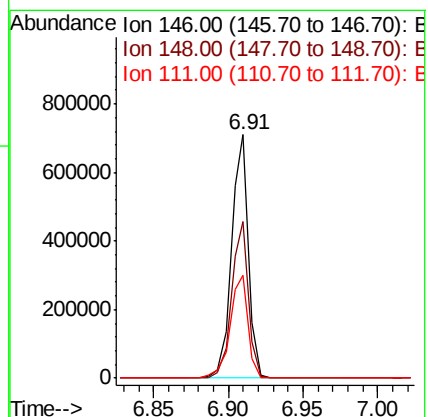
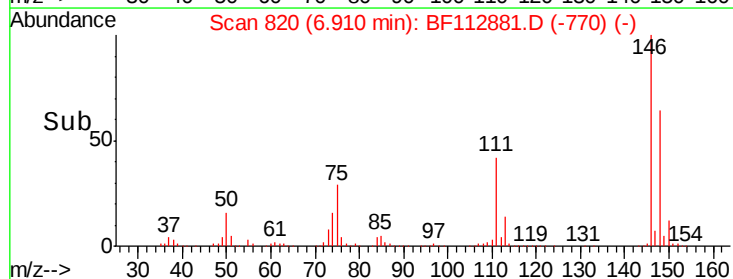
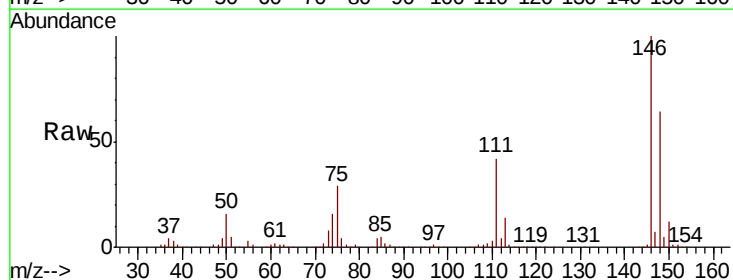
Tgt Ion:146 Resp: 568895

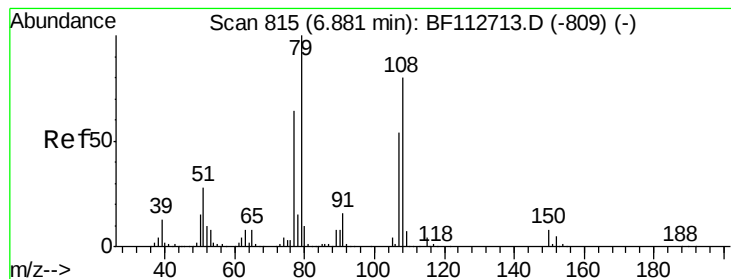
Ion Ratio Lower Upper

146 100

148 64.3 52.0 78.0

111 42.3 34.8 52.2





#15

Benzyl Alcohol

Concen: 39.649 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

Instrument :
BNA_E
ClientSampleId :

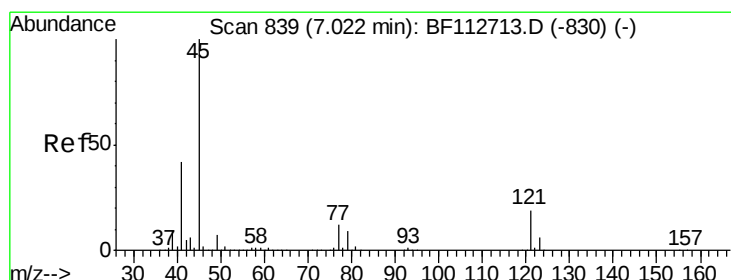
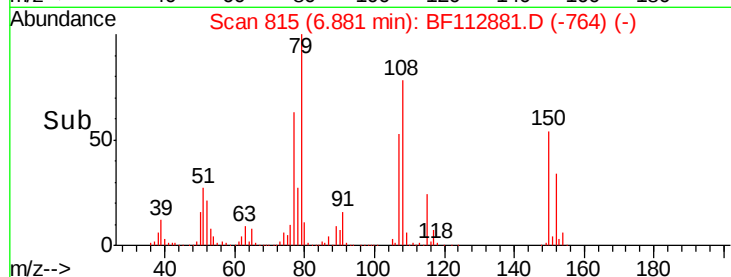
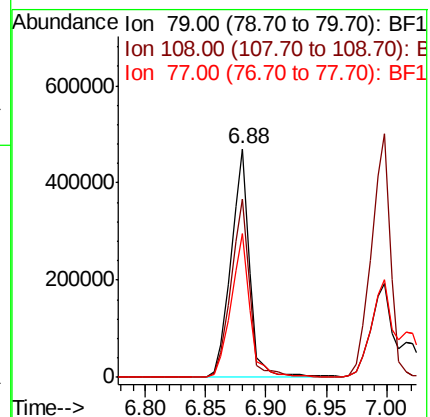
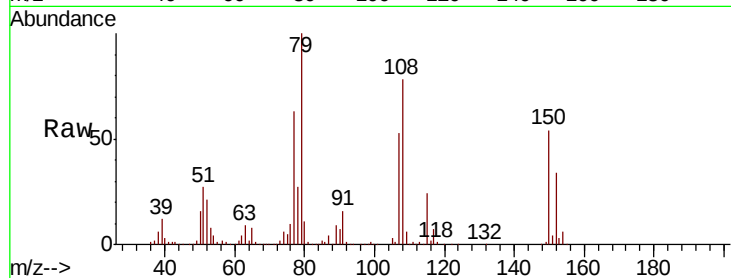
Tot Ion: 79 Resp: 503462

Ion Ratio Lower Upper

79 100

108 78.1 64.2 96.4

77 62.8 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.962 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

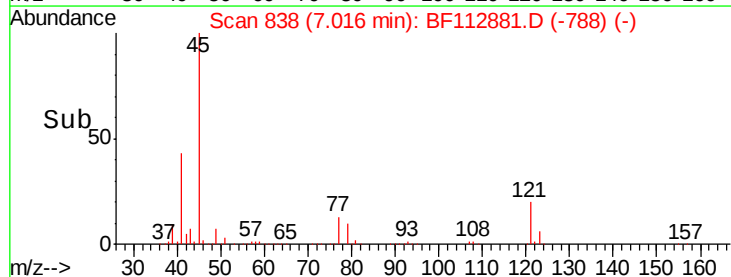
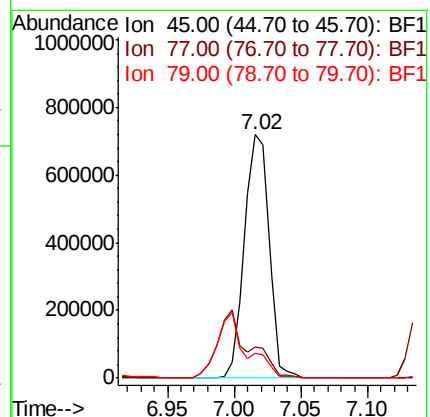
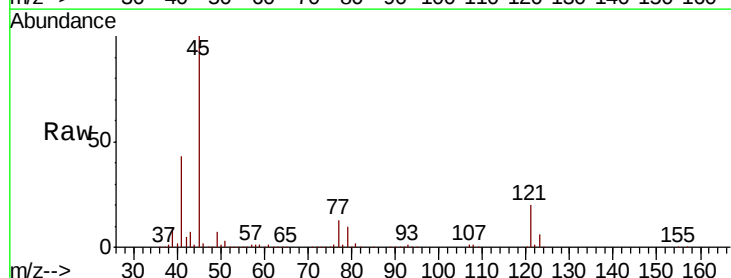
Tgt Ion: 45 Resp: 920023

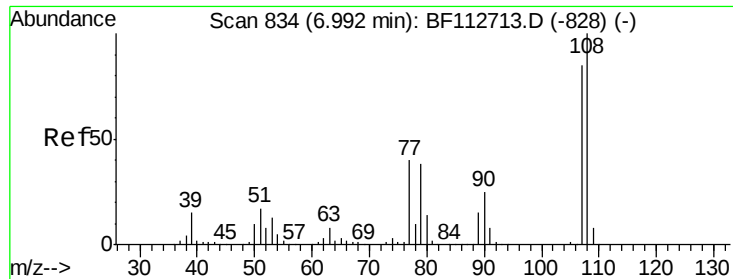
Ion Ratio Lower Upper

45 100

77 13.0 0.0 32.1

79 10.1 0.0 29.4

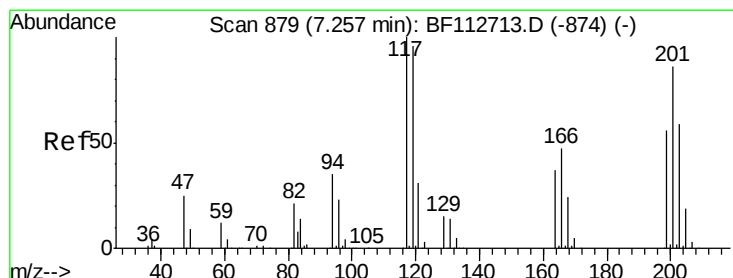
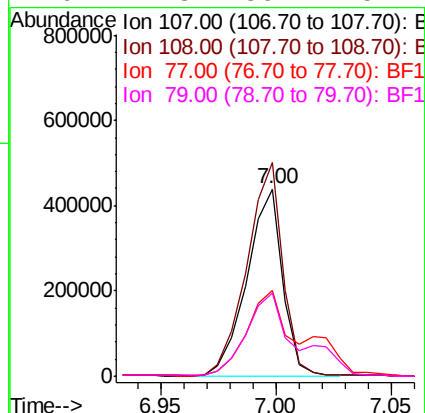
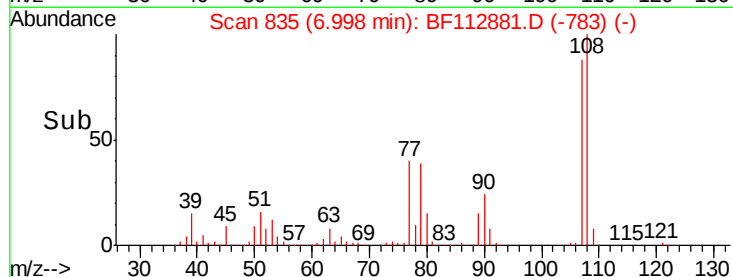
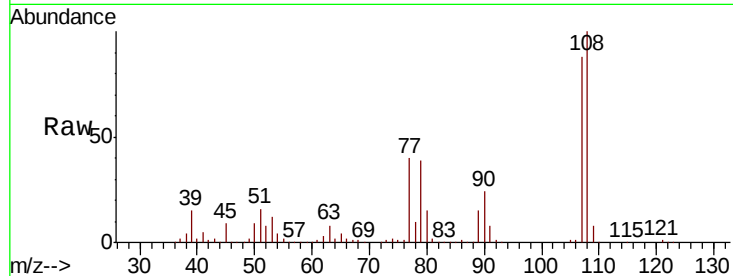




#17
2-Methylphenol
Concen: 39.564 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

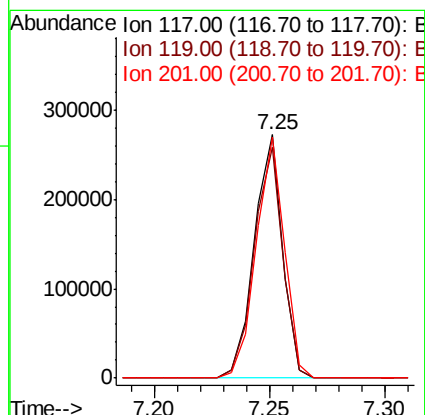
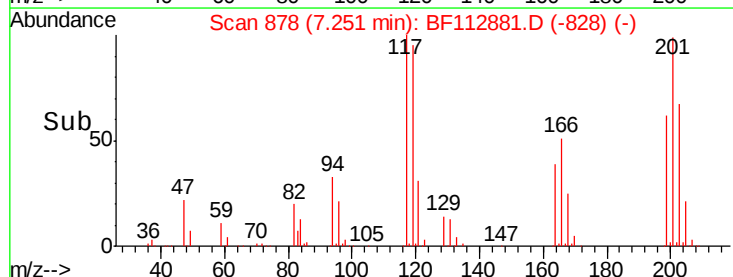
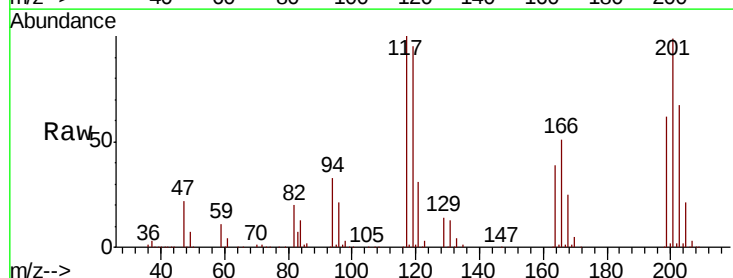
Instrument :
BNA_E
ClientSampleId :

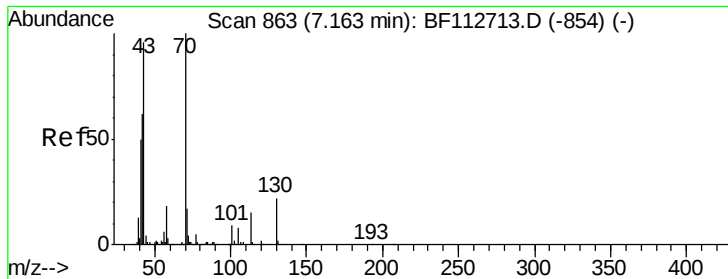
Tot Ion:107 Resp: 473634
Ion Ratio Lower Upper
107 100
108 114.2 94.6 142.0
77 46.1 37.8 56.8
79 44.3 36.2 54.2



#18
Hexachloroethane
Concen: 39.923 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Tgt Ion:117 Resp: 233789
Ion Ratio Lower Upper
117 100
119 94.9 76.6 115.0
201 98.8 68.9 103.3

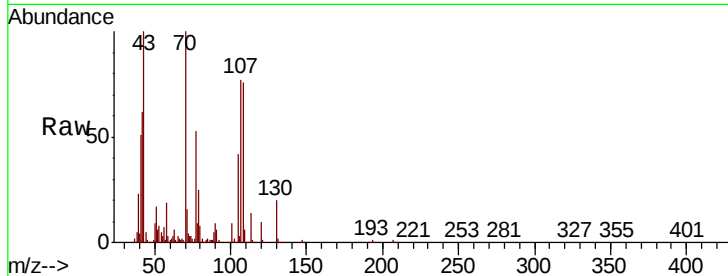




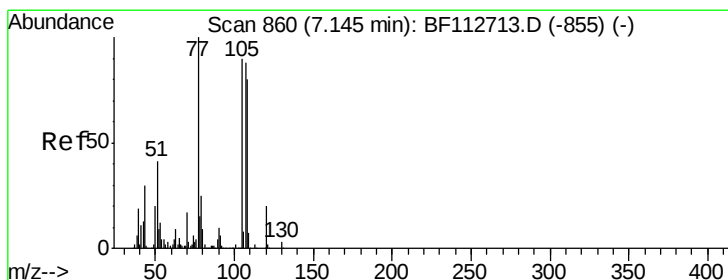
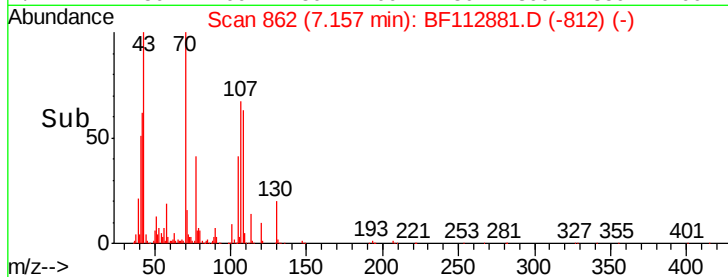
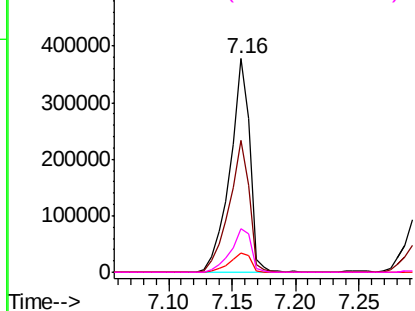
#19
n-Nitroso-di-n-propylamine
Concen: 38.451 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Instrument :
BNA_E
ClientSampled :

Tot Ion: 70 Resp: 405524
Ion Ratio Lower Upper
70 100
42 62.0 49.9 74.9
101 9.2 7.4 11.2
130 20.3 17.4 26.2



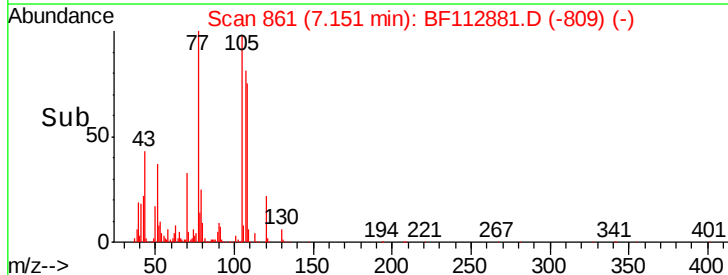
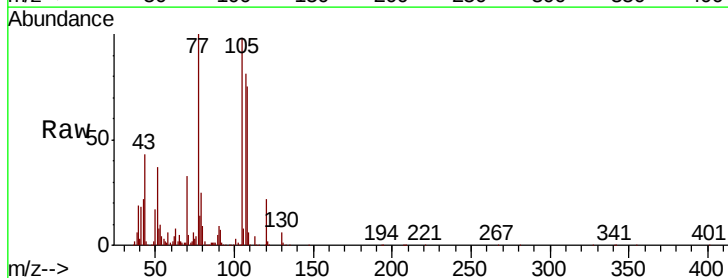
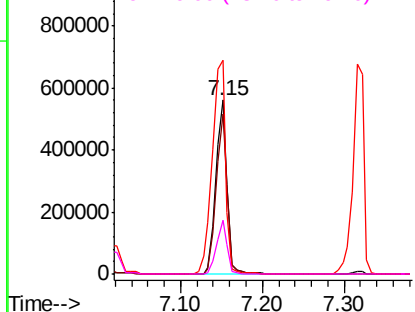
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

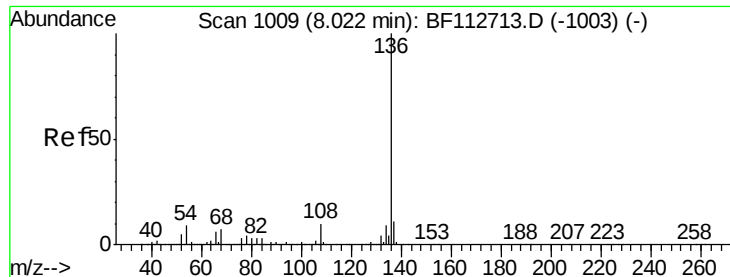


#20
3+4-Methylphenols
Concen: 39.317 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Tgt Ion: 107 Resp: 531390
Ion Ratio Lower Upper
107 100
108 91.8 71.4 111.4
77 122.9 94.1 134.1
79 30.6 8.6 48.6

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

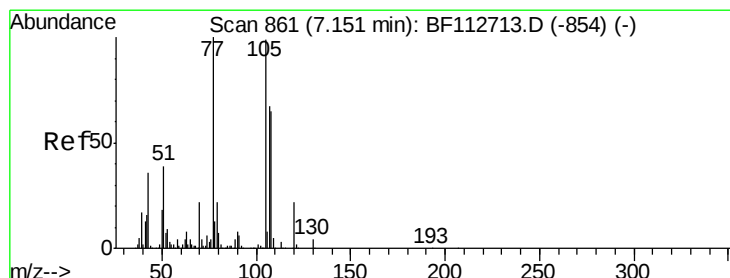
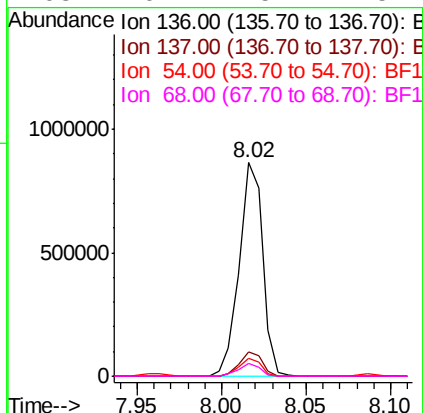
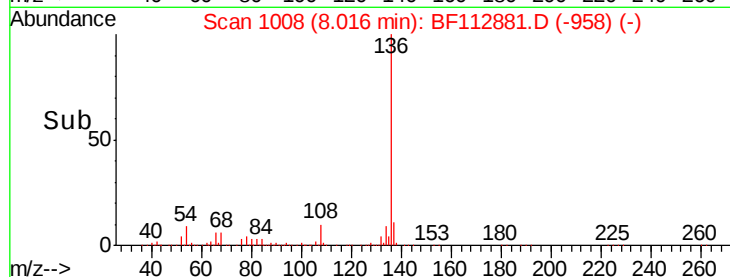
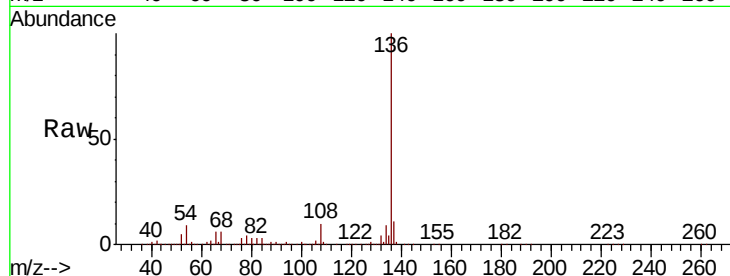




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

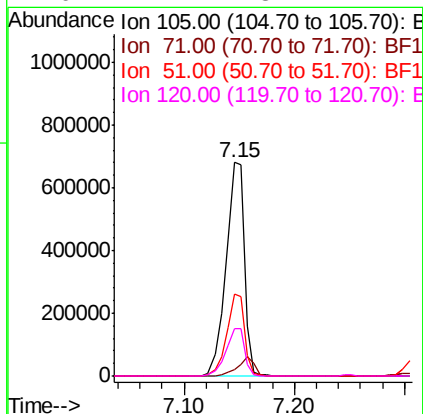
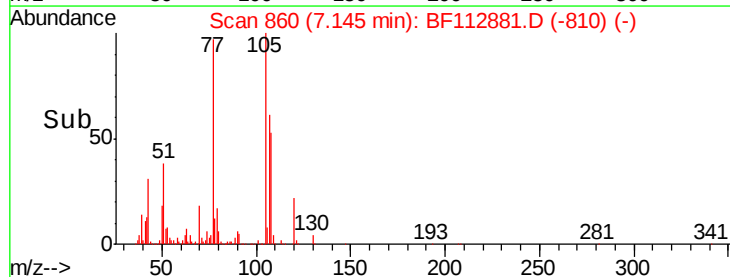
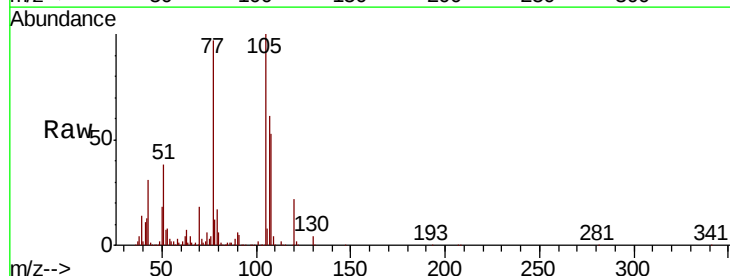
Instrument :
BNA_E
ClientSampleId :

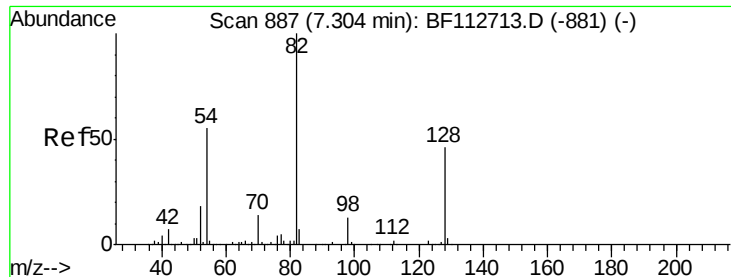
Tot Ion:	136	Resp:	840950
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.7	7.3	10.9
68	6.2	5.4	8.2



#22
Acetophenone
Concen: 40.563 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Tgt Ion:	105	Resp:	797615
Ion	Ratio	Lower	Upper
105	100		
71	3.0	3.0	4.4
51	38.1	31.5	47.3
120	22.4	18.1	27.1

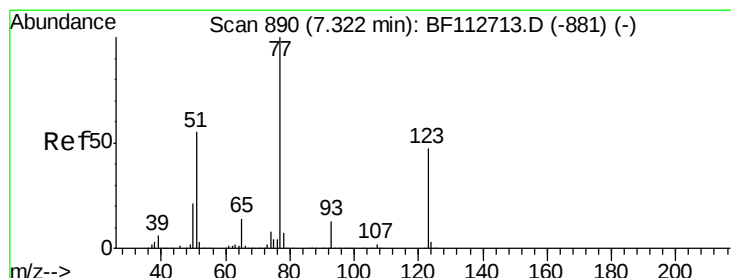
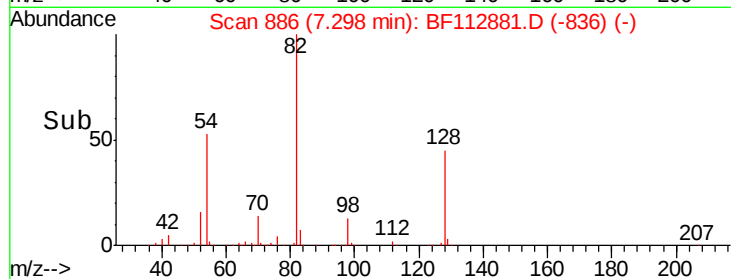
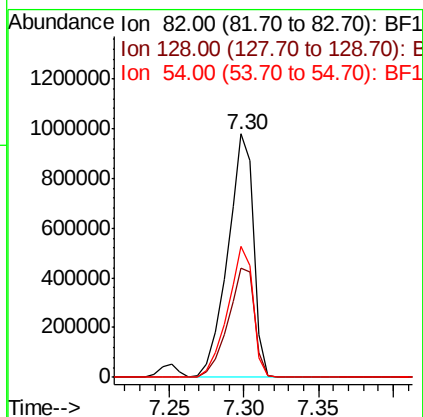
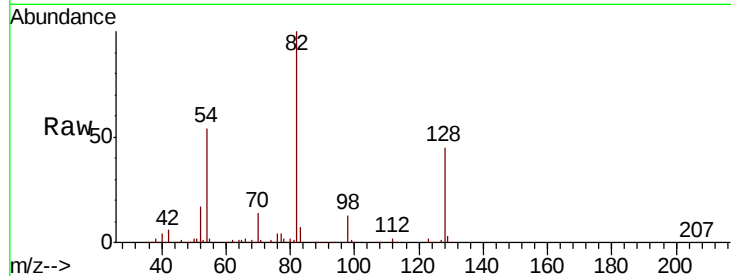




#23
Nitrobenzene-d5
Concen: 84.266 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

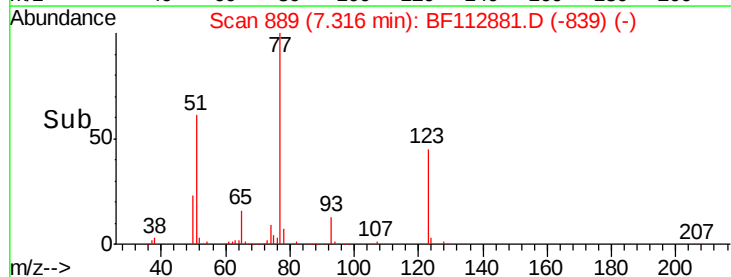
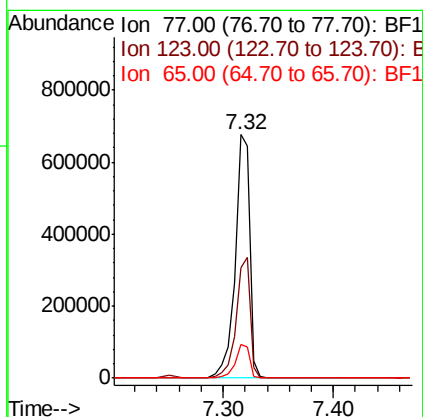
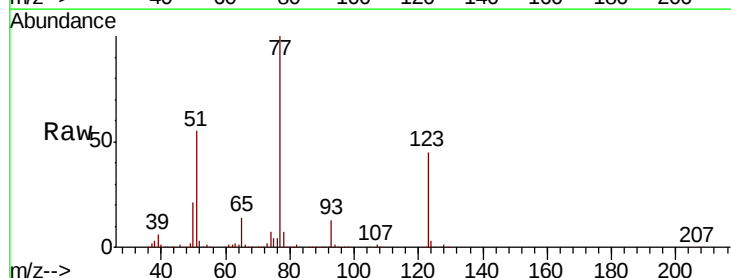
Instrument :
BNA_E
ClientSampleId :

Tot Ion: 82 Resp: 1184258
Ion Ratio Lower Upper
82 100
128 44.8 36.3 54.5
54 53.9 43.7 65.5



#24
Nitrobenzene
Concen: 40.054 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Tgt Ion: 77 Resp: 626525
Ion Ratio Lower Upper
77 100
123 45.4 37.8 56.6
65 13.7 11.1 16.7





#25

Isophorone

Concen: 38.087 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

Instrument :
BNA_E
ClientSampleId :

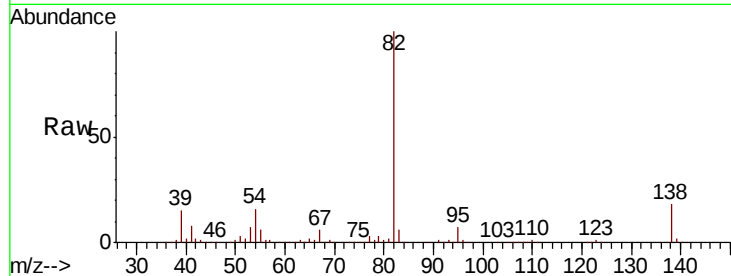
Tot Ion: 82 Resp: 1153149

Ion Ratio Lower Upper

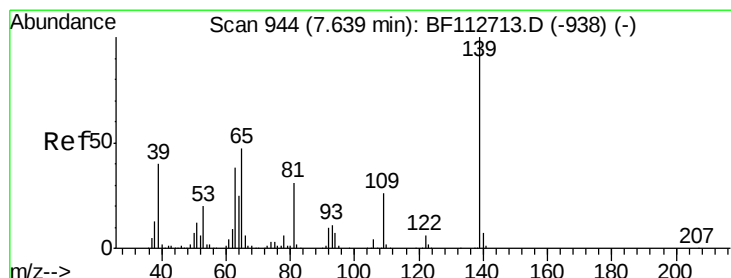
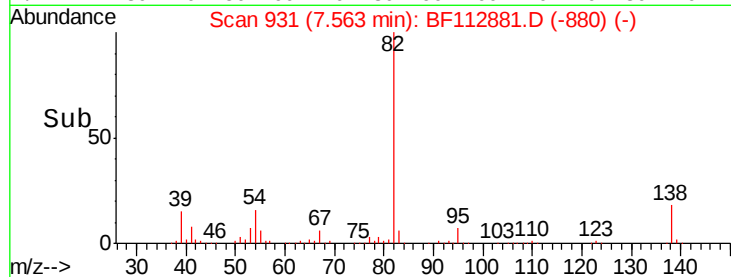
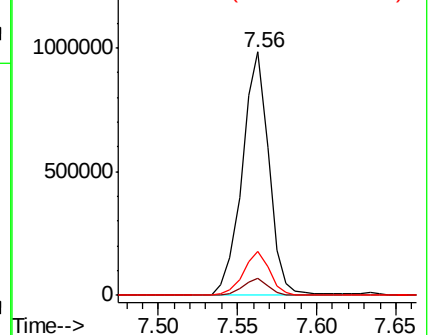
82 100

95 7.1 5.2 7.8

138 18.2 13.8 20.8



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: 49.683 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

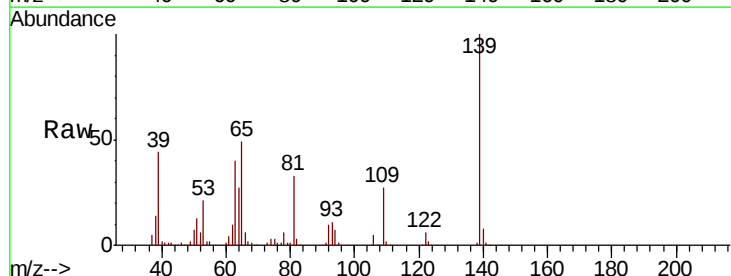
Tgt Ion: 139 Resp: 323508

Ion Ratio Lower Upper

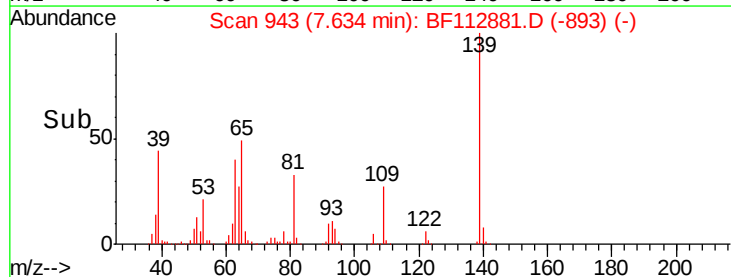
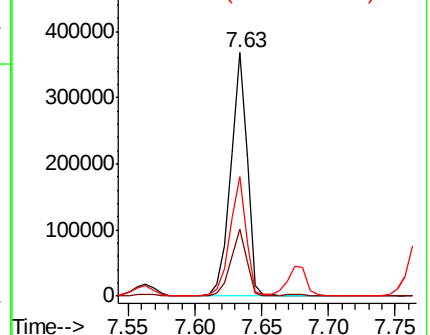
139 100

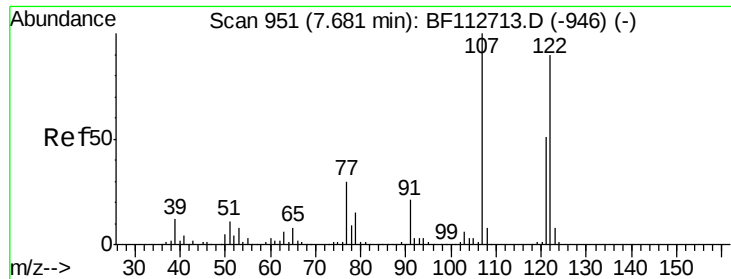
109 27.3 20.6 31.0

65 48.9 37.9 56.9



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

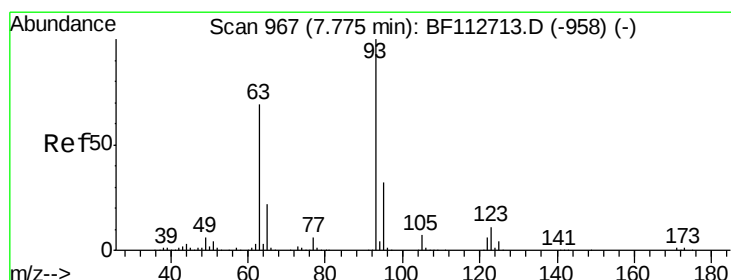
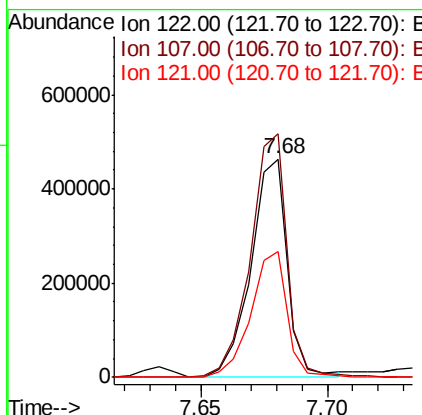
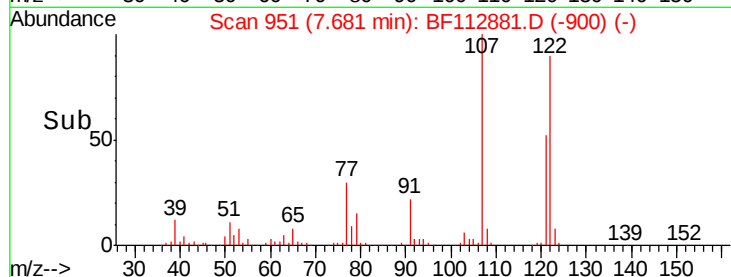
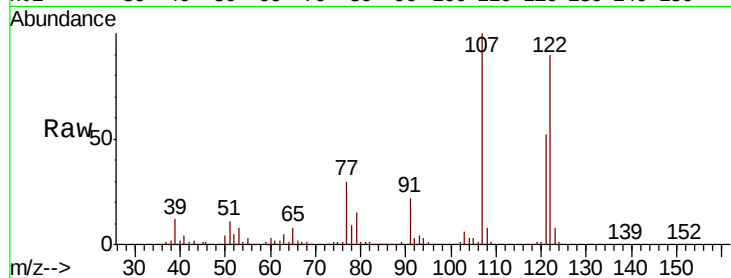




#27
 2,4-Dimethylphenol
 Concen: 38.504 ng
 RT: 7.68 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF112881.D
 Acq: 6 Mar 2019 13:15

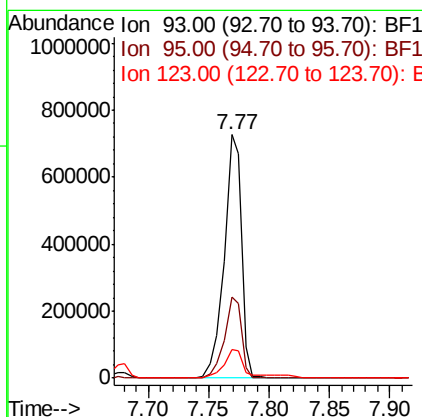
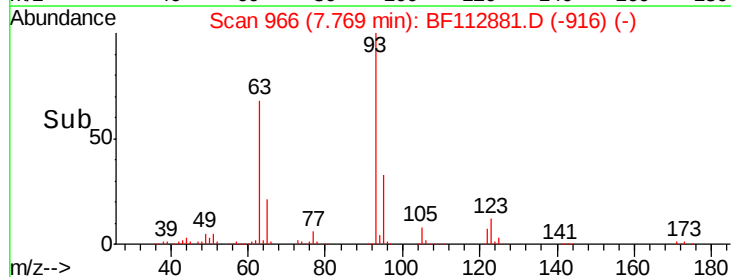
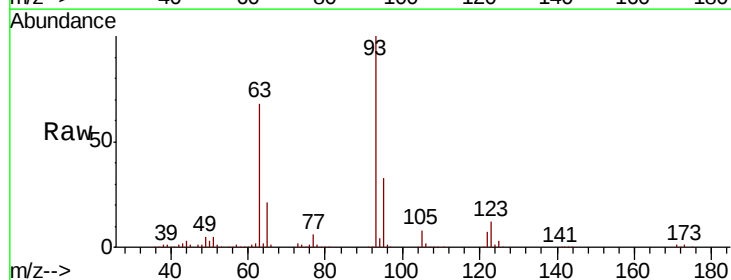
Instrument :
 BNA_E
 ClientSampleId :

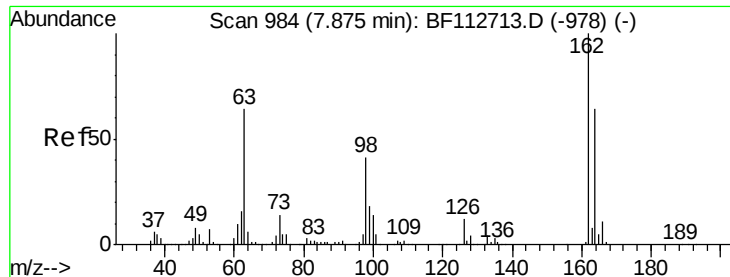
Tot Ion:122 Resp: 466427
 Ion Ratio Lower Upper
 122 100
 107 111.4 89.4 134.0
 121 57.7 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.947 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF112881.D
 Acq: 6 Mar 2019 13:15

Tgt Ion: 93 Resp: 718322
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.0 39.0
 123 11.5 9.3 13.9

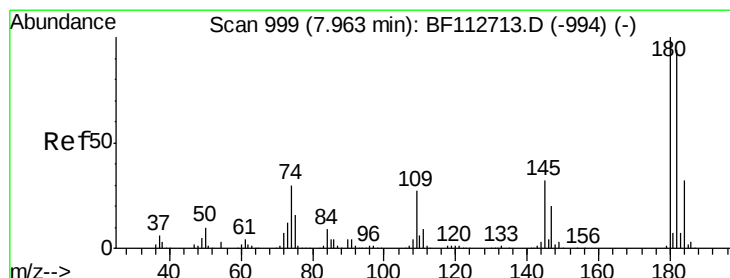
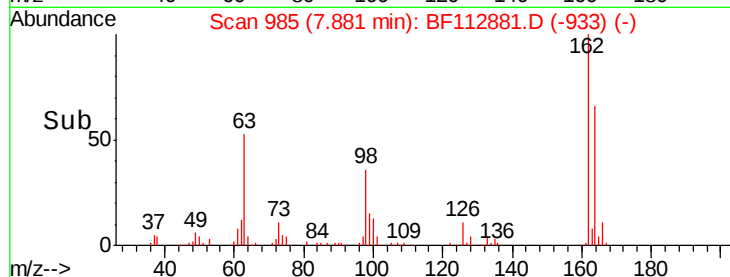
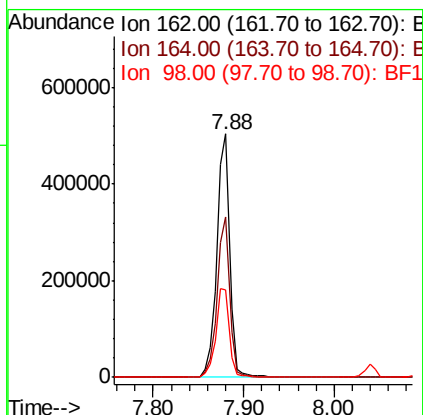
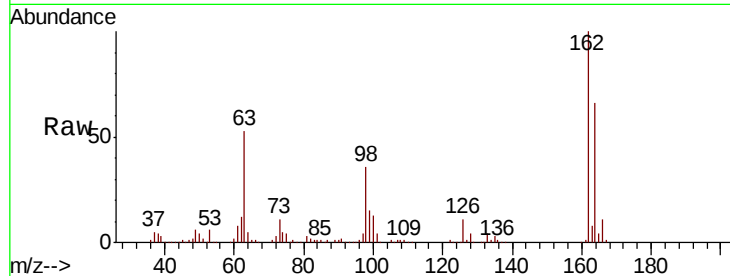




#29
2,4-Dichlorophenol
Concen: 41.964 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

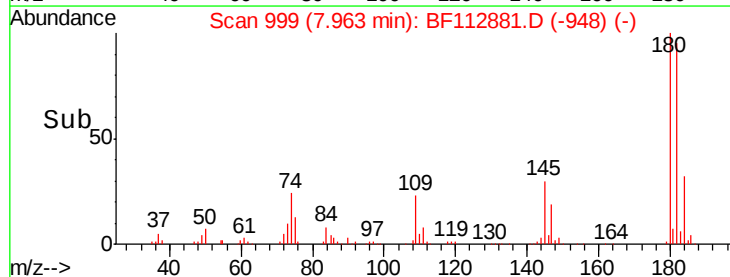
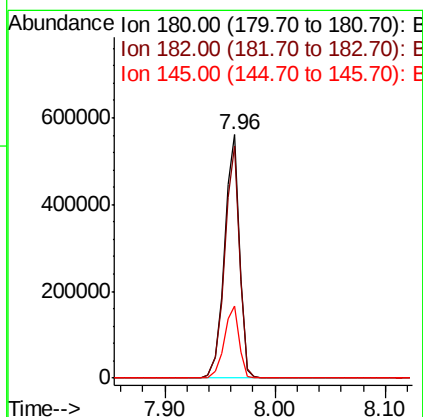
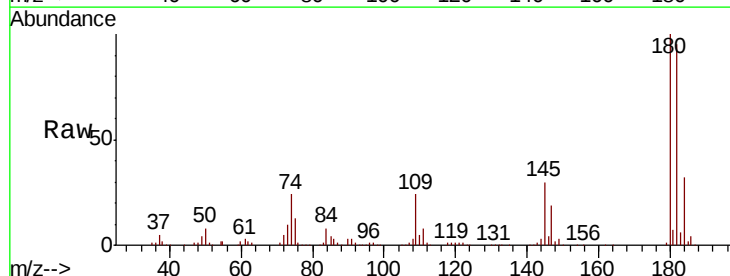
Instrument :
BNA_E
ClientSampleId :

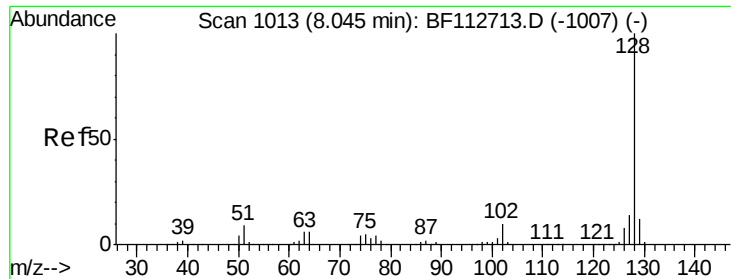
Tot Ion:162 Resp: 492962
Ion Ratio Lower Upper
162 100
164 66.1 44.0 84.0
98 36.0 20.7 60.7



#30
1,2,4-Trichlorobenzene
Concen: 42.194 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Tgt Ion:180 Resp: 532594
Ion Ratio Lower Upper
180 100
182 95.2 75.2 112.8
145 29.6 25.4 38.0

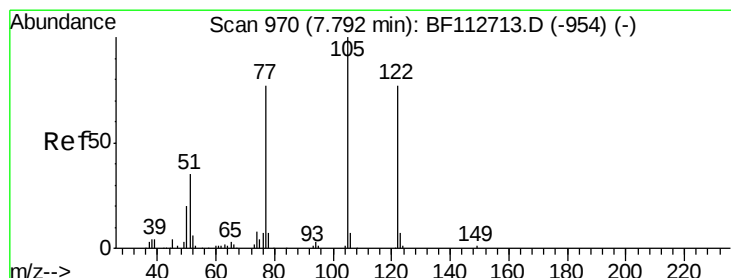
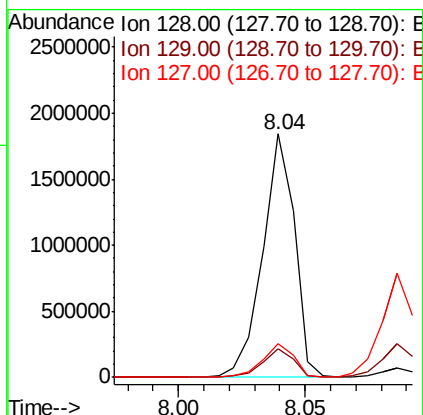
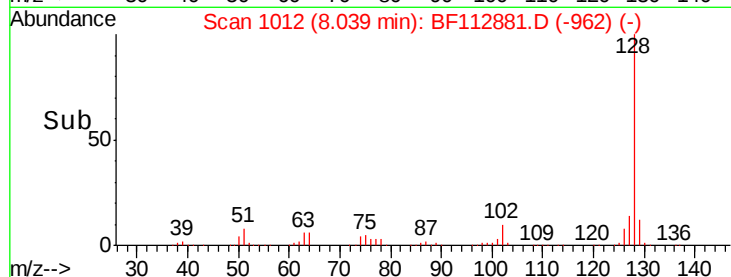
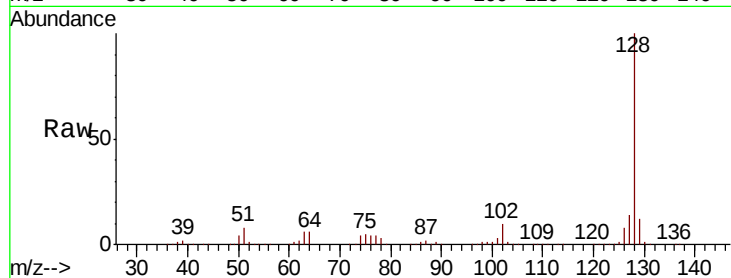




#31
Naphthalene
Concen: 38.967 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

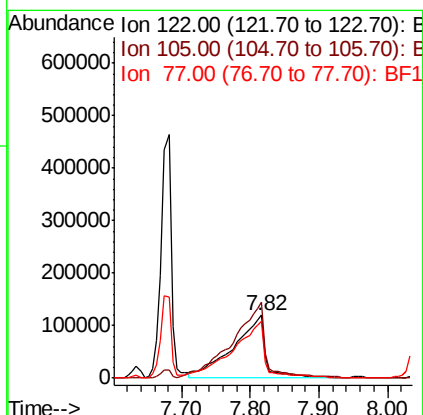
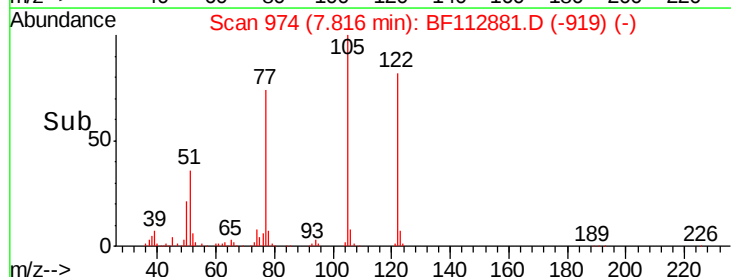
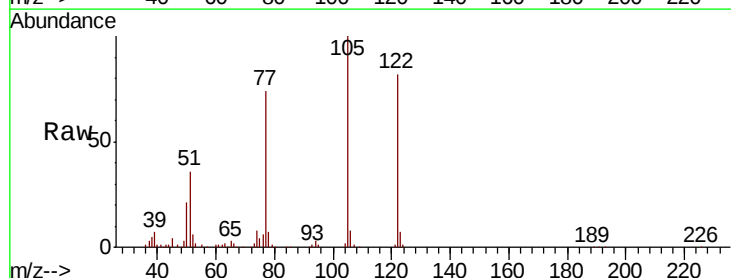
Instrument :
BNA_E
ClientSampled :

Tot Ion:128 Resp: 1626930
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.7 10.9 16.3



#32
Benzoic acid
Concen: 46.145 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.02 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Tgt Ion:122 Resp: 391786
Ion Ratio Lower Upper
122 100
105 121.3 106.8 146.8
77 90.3 79.4 119.4

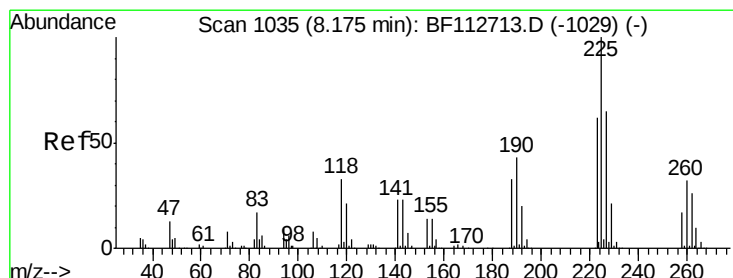
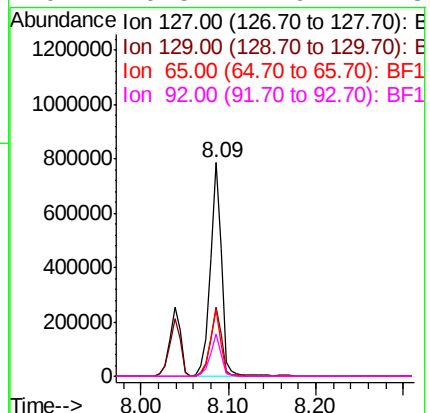
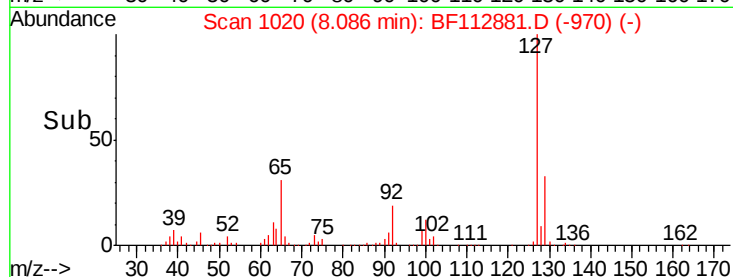
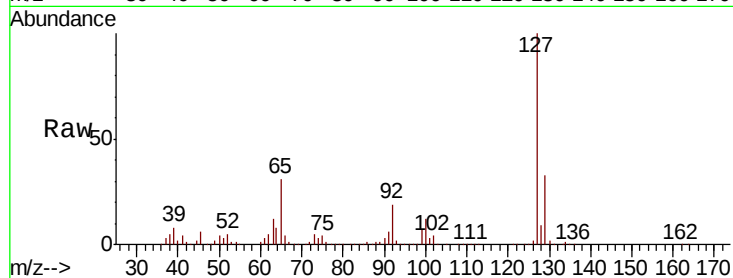




#33
4-Chloroaniline
Concen: 39.755 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

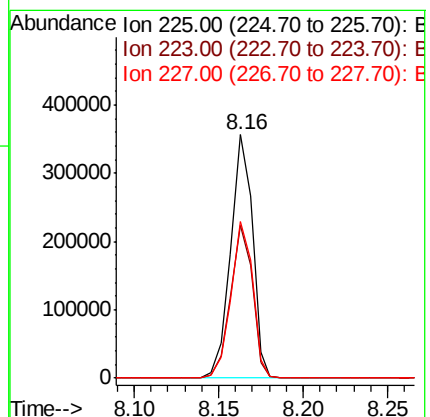
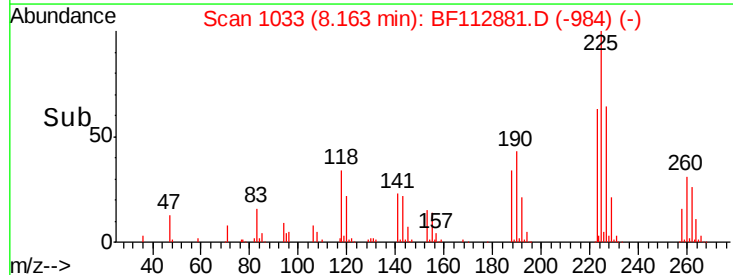
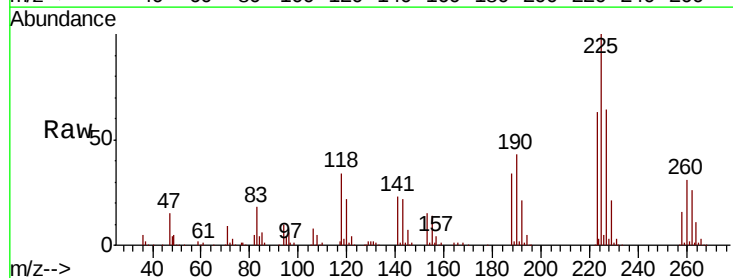
Instrument :
BNA_E
ClientSampled :

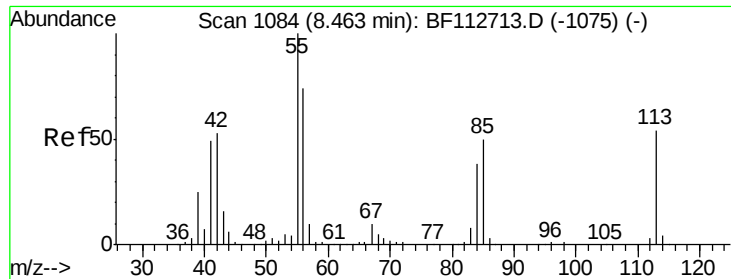
Tot Ion:	127	Resp:	703022
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.4	39.6
65	31.4	23.1	34.7
92	19.5	14.9	22.3



#34
Hexachlorobutadiene
Concen: 44.960 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Tgt Ion:	225	Resp:	320053
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.7	74.5
227	64.4	52.1	78.1

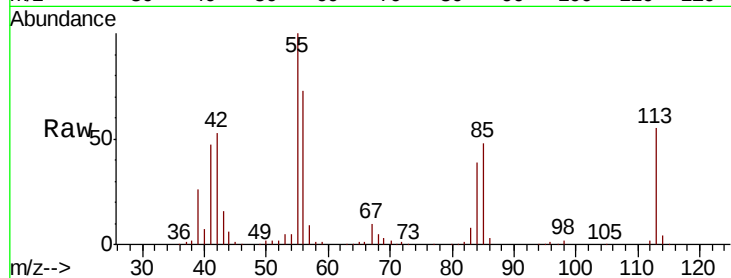




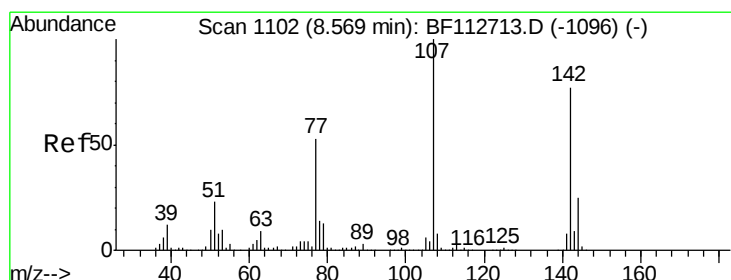
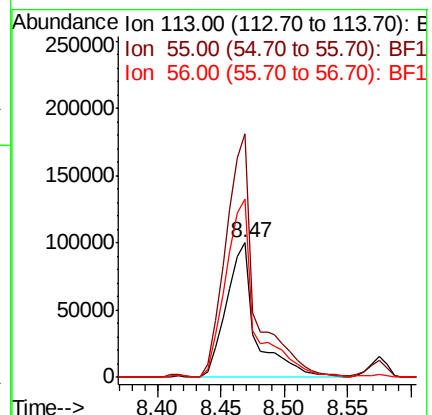
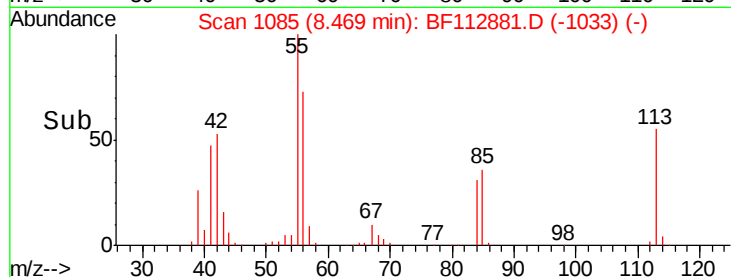
#35
Caprolactam
Concen: 39.180 ng
RT: 8.47 min Scan# 1085
Delta R.T. 0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:113 Resp: 162108
Ion Ratio Lower Upper
113 100
55 181.4 163.5 203.5
56 132.8 115.3 155.3

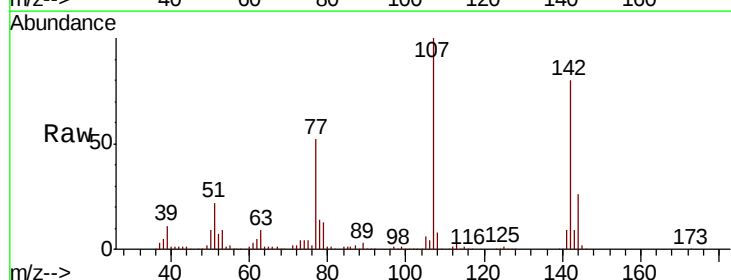


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

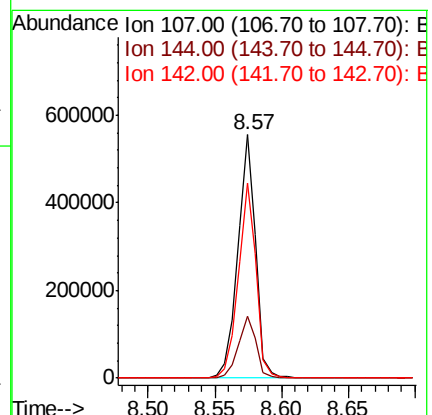
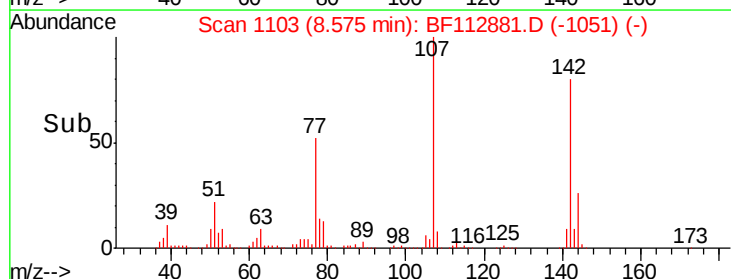


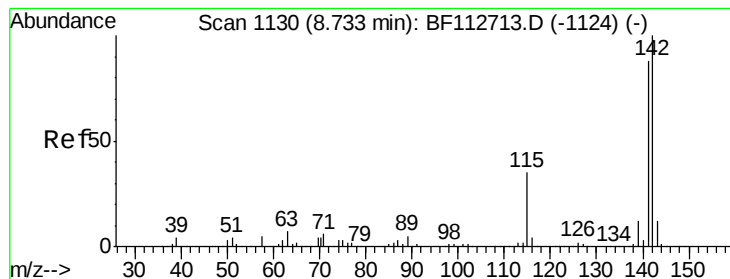
#36
4-Chloro-3-methylphenol
Concen: 40.071 ng
RT: 8.57 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Tgt Ion:107 Resp: 520953
Ion Ratio Lower Upper
107 100
144 25.6 20.1 30.1
142 80.0 61.9 92.9



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: 40.039 ng

RT: 8.73 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

Instrument :

BNA_E

ClientSampled :

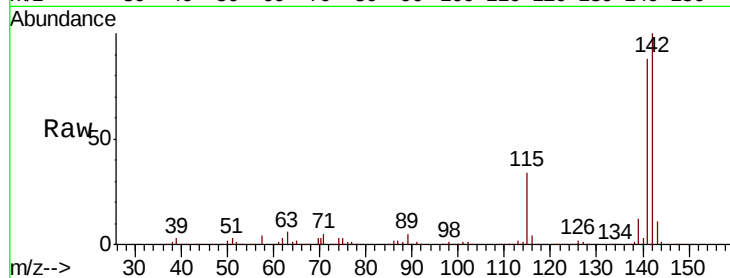
Tot Ion:142 Resp: 1079556

Ion Ratio Lower Upper

142 100

141 87.9 70.3 105.5

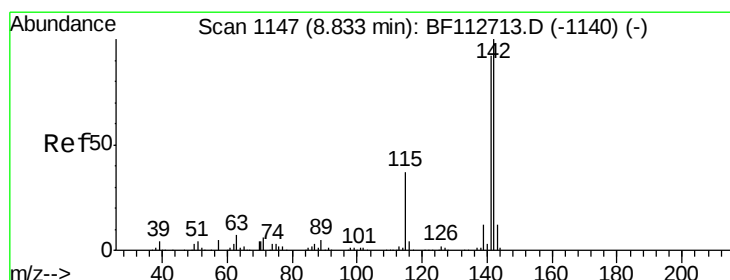
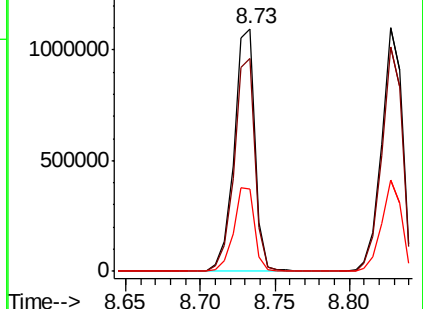
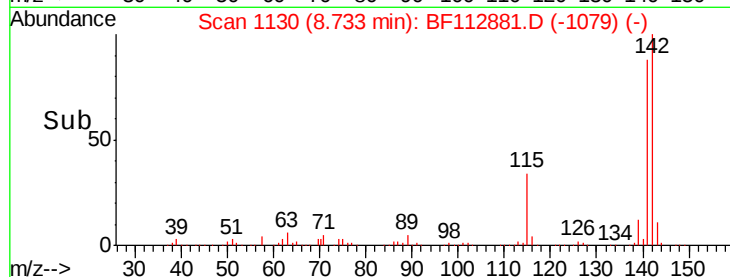
115 34.0 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.807 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

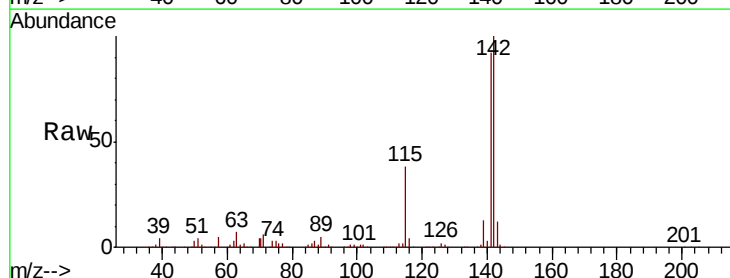
Tgt Ion:142 Resp: 1039686

Ion Ratio Lower Upper

142 100

141 92.0 73.7 110.5

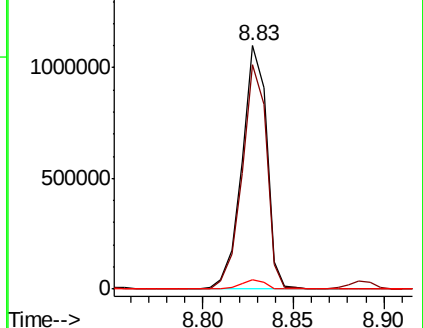
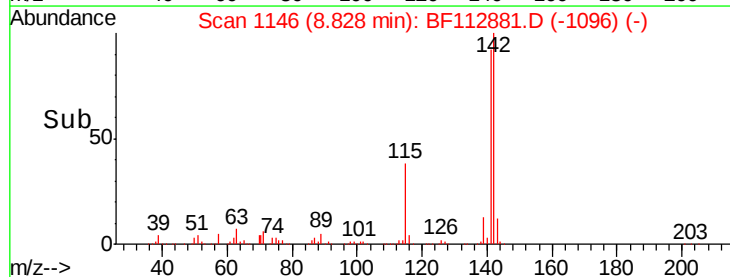
116 3.9 3.1 4.7

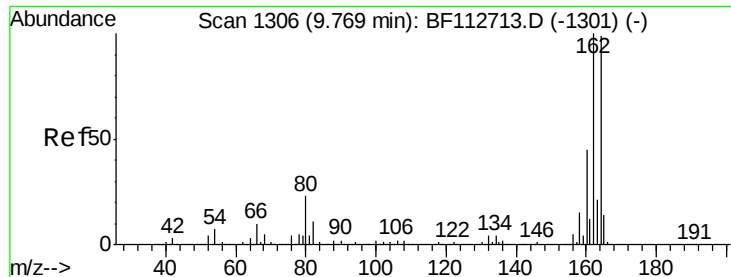


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

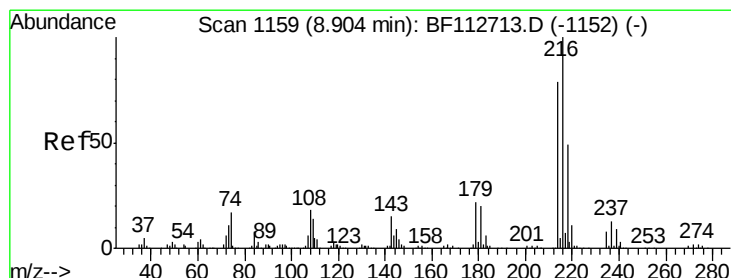
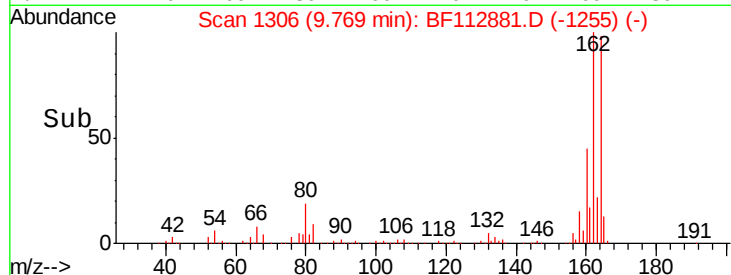
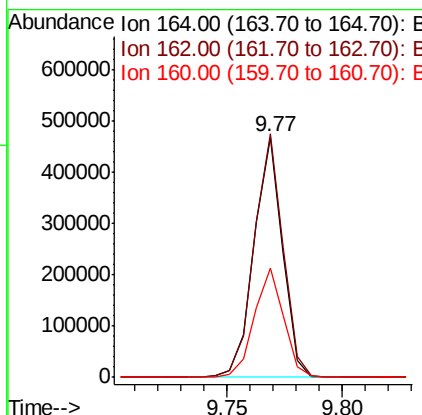
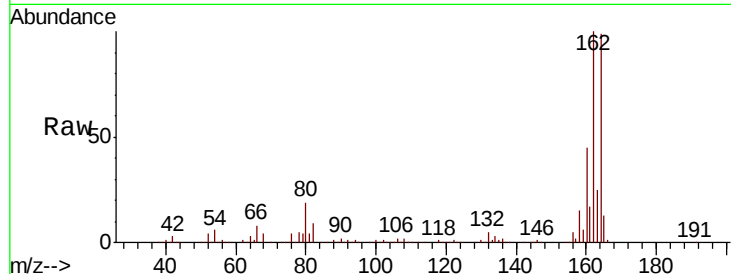




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF112881.D
 Acq: 6 Mar 2019 13:15

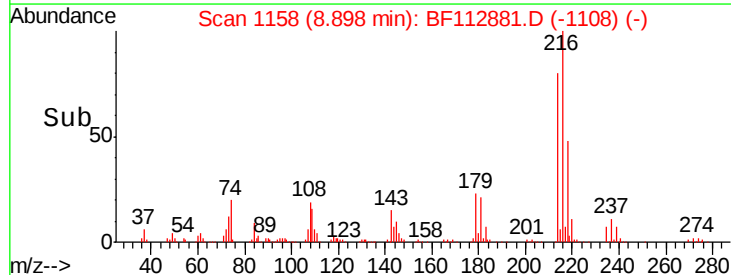
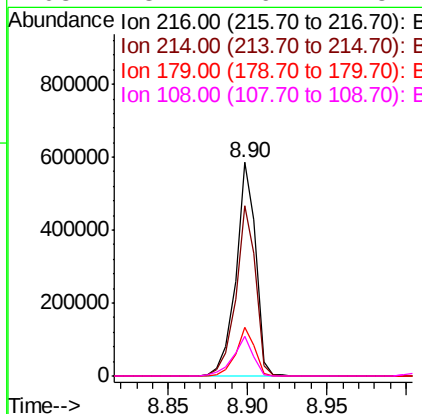
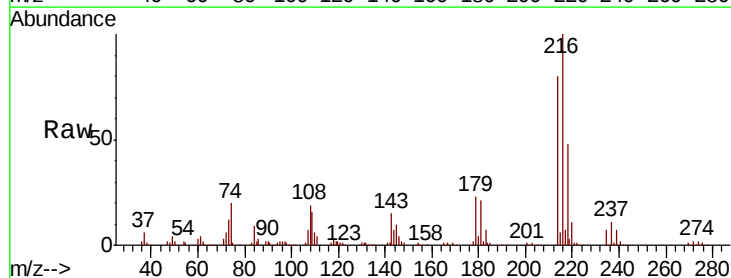
Instrument :
 BNA_E
 ClientSampleId :

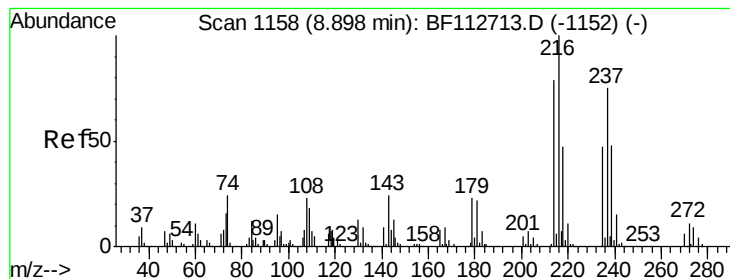
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	120.8
160	45.2	36.0	54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.853 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF112881.D
 Acq: 6 Mar 2019 13:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.2	94.8
179	21.3	17.5	26.3
108	18.7	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 45.917 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

Instrument :

BNA_E

ClientSampleId :

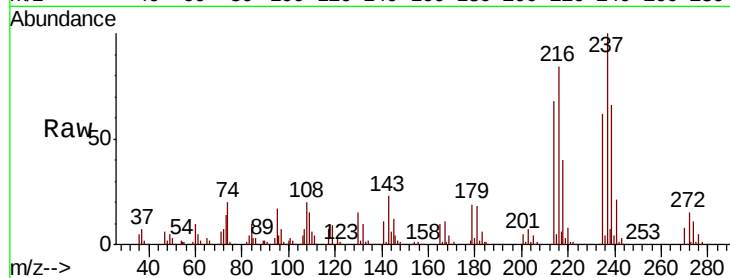
Tot Ion:237 Resp: 295865

Ion Ratio Lower Upper

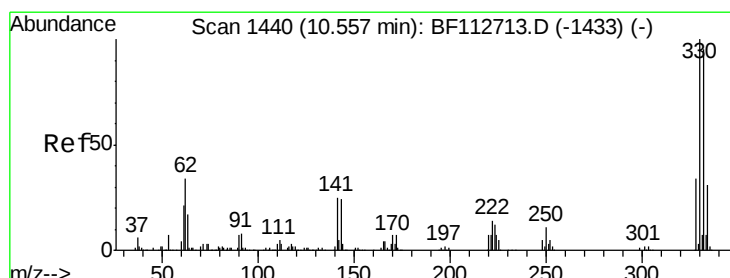
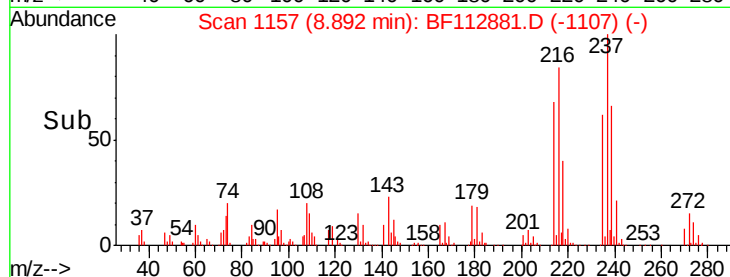
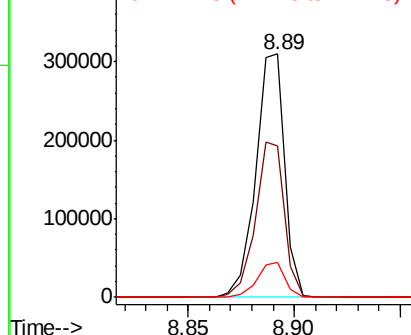
237 100

235 62.2 42.2 82.2

272 14.5 0.0 34.0



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: 93.127 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

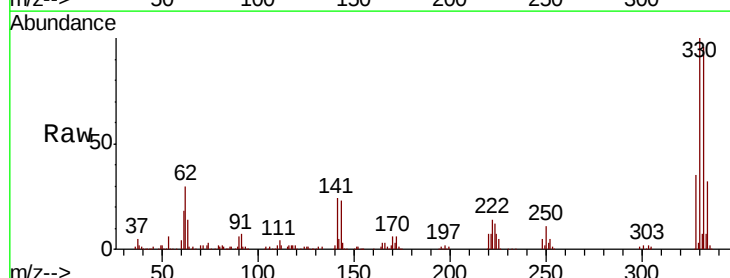
Tgt Ion:330 Resp: 398932

Ion Ratio Lower Upper

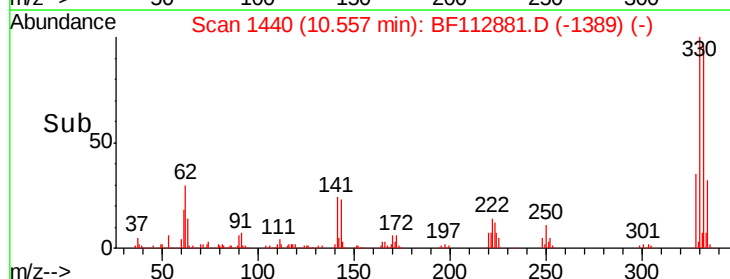
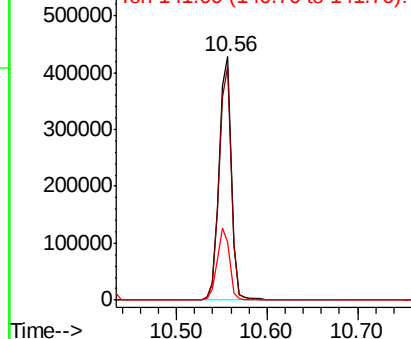
330 100

332 95.9 76.2 114.4

141 29.8 27.0 40.6



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

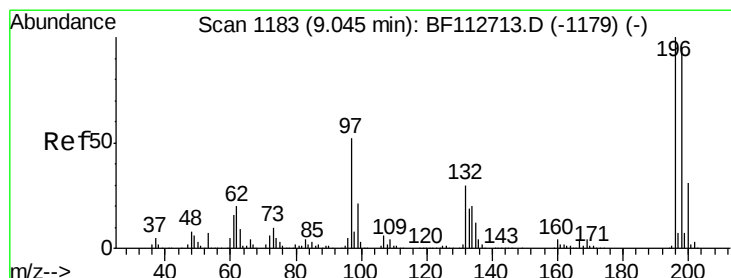
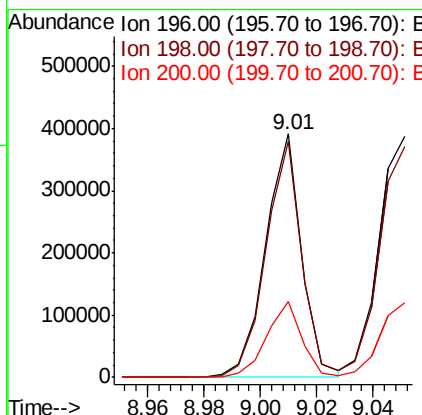
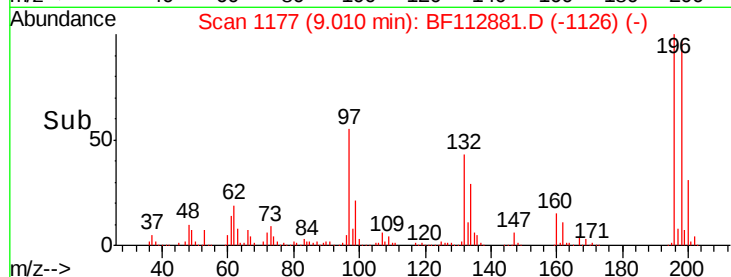
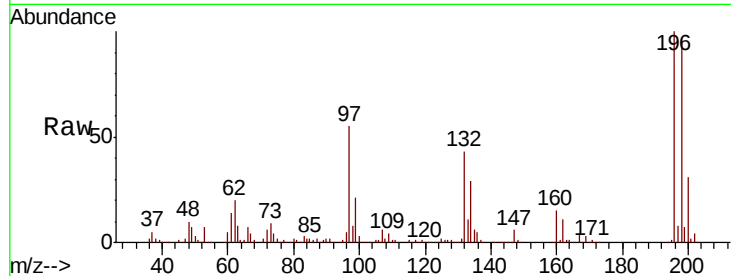




#43
 2,4,6-Trichlorophenol
 Concen: 42.708 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF112881.D
 Acq: 6 Mar 2019 13:15

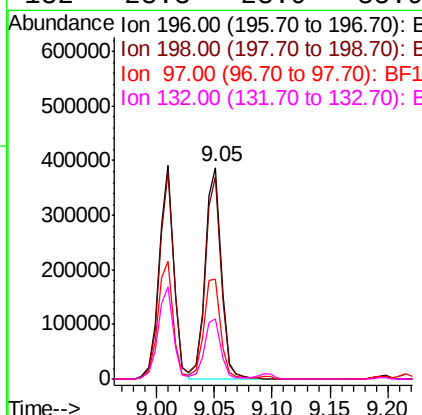
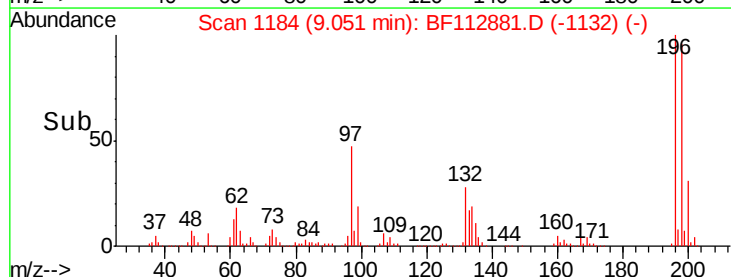
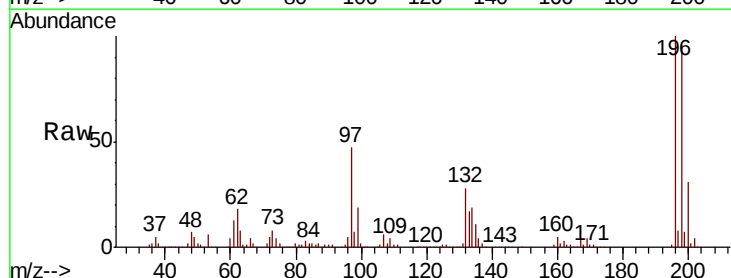
Instrument :
 BNA_E
 ClientSampled :

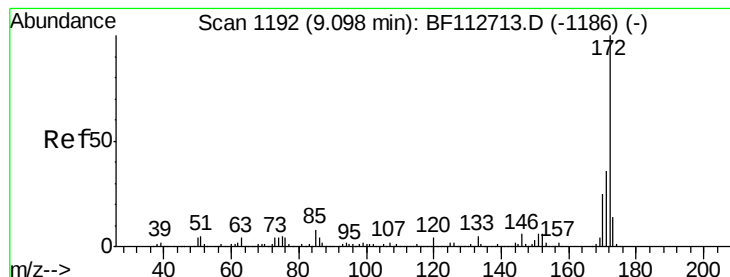
Tot Ion	196	Resp	345857
Ion Ratio	Lower	Upper	
196	100		
198	96.8	75.8	113.8
200	31.4	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 43.544 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF112881.D
 Acq: 6 Mar 2019 13:15

Tgt Ion	196	Resp	381148
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.2	114.2
97	46.9	41.5	62.3
132	28.3	23.9	35.9

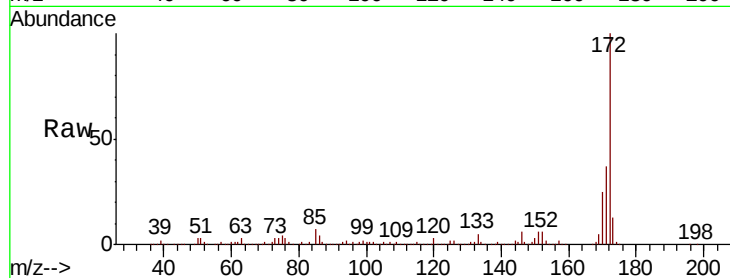




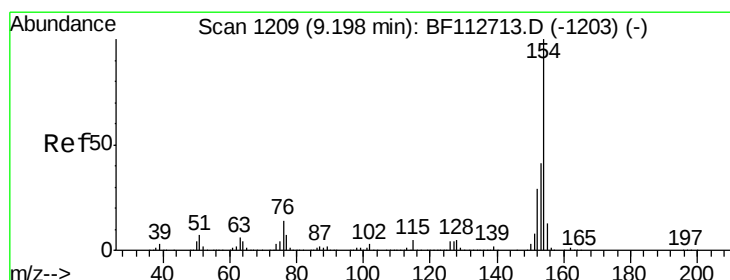
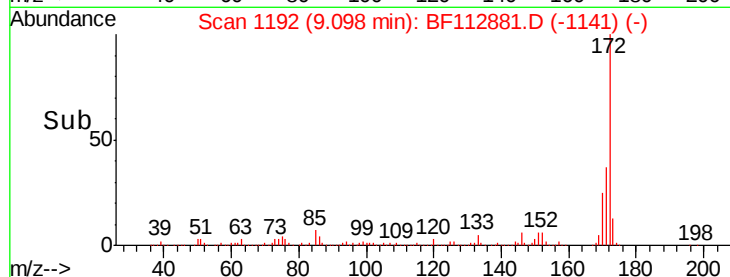
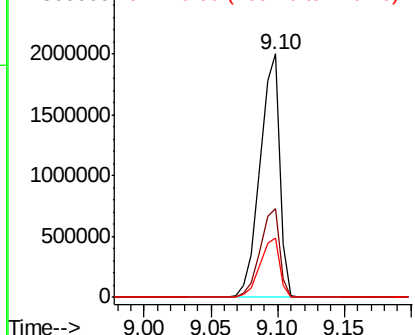
#45
2-Fluorobiphenyl
Concen: 82.076 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 2017171
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.6 20.0 30.0

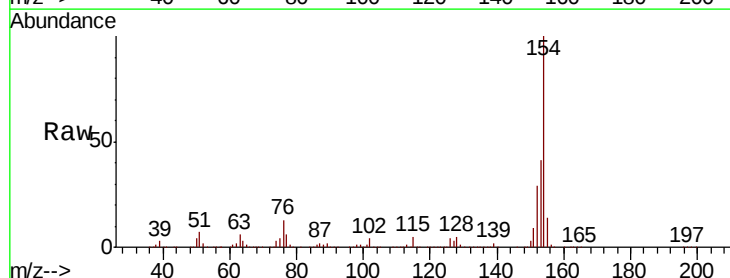


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

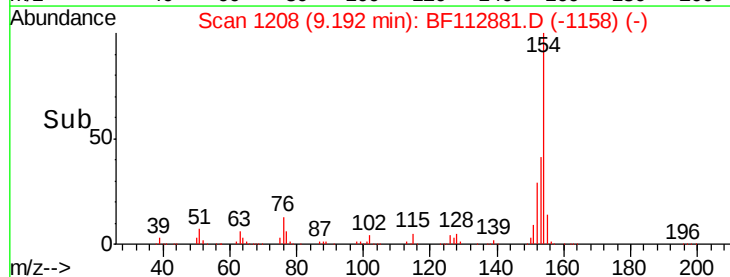
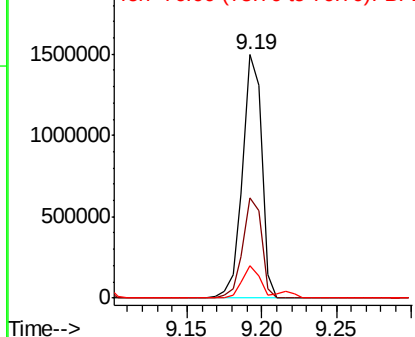


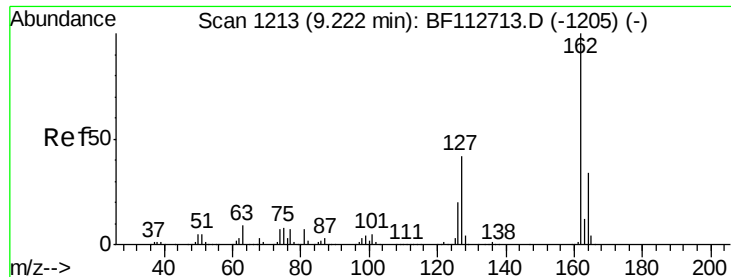
#46
1,1'-Biphenyl
Concen: 40.723 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Tgt Ion:154 Resp: 1340293
Ion Ratio Lower Upper
154 100
153 41.4 20.8 60.8
76 13.3 0.0 33.8



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





#47

2-Chloronaphthalene

Concen: 40.059 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

Instrument :

BNA_E

ClientSampleId :

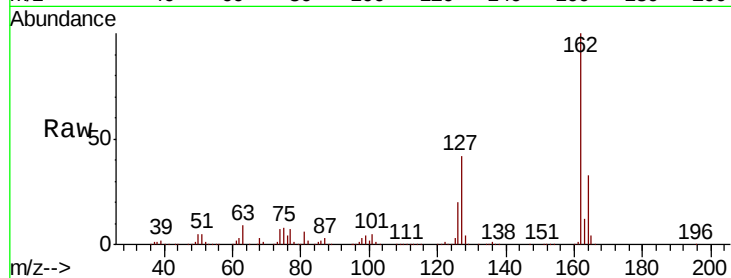
Tot Ion:162 Resp: 1029480

Ion Ratio Lower Upper

162 100

127 42.4 33.4 50.2

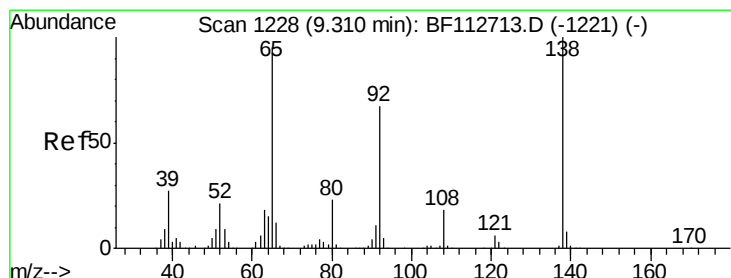
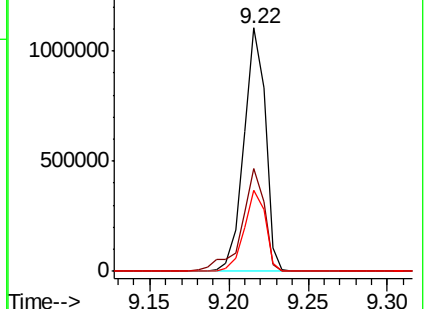
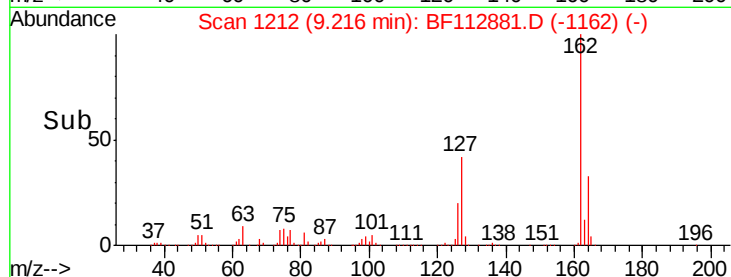
164 33.5 26.9 40.3



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: 42.684 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

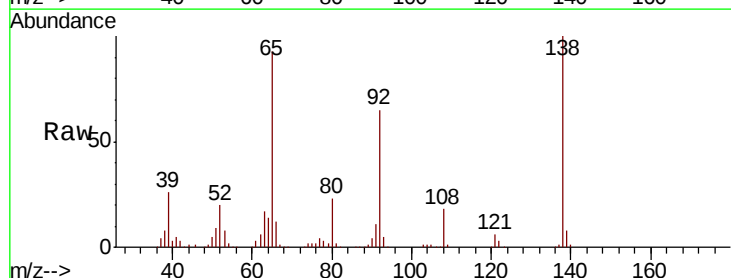
Tgt Ion: 65 Resp: 333419

Ion Ratio Lower Upper

65 100

92 70.2 56.4 84.6

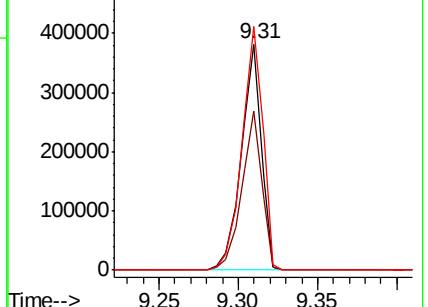
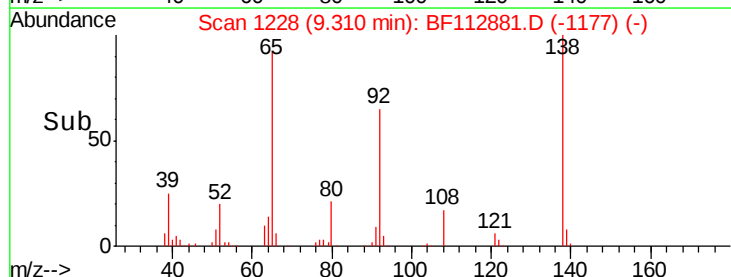
138 107.7 84.6 126.8



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: 38.523 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

Instrument :

BNA_E

ClientSampleId :

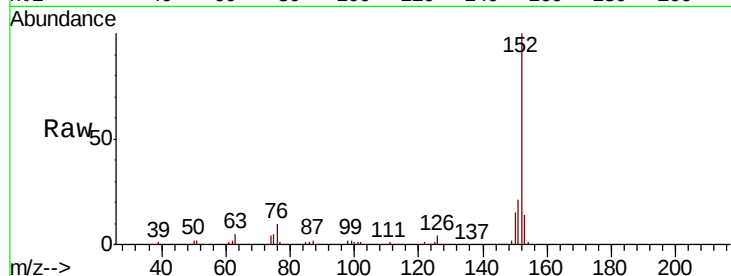
Tot Ion:152 Resp: 1680670

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

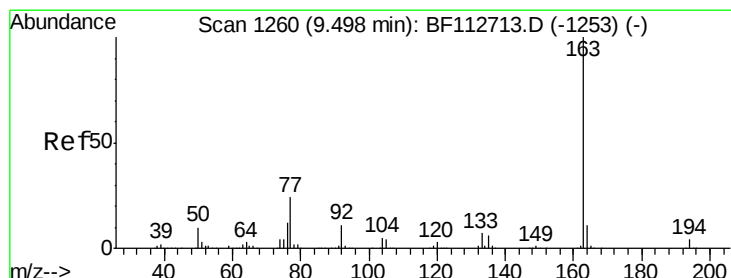
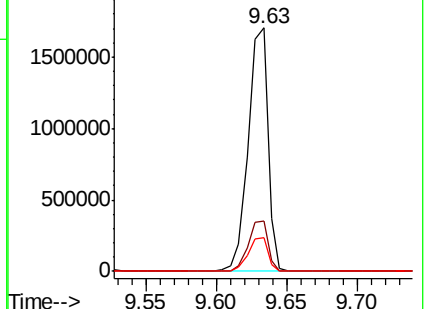
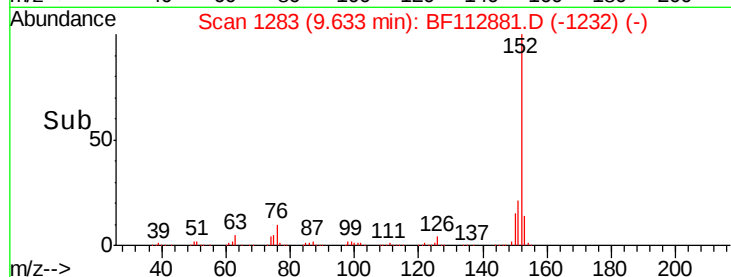
153 13.6 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.446 ng

RT: 9.50 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

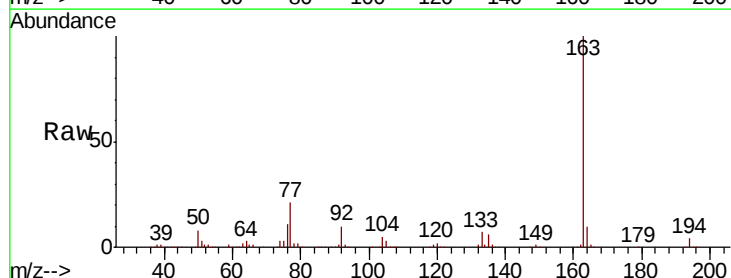
Tgt Ion:163 Resp: 1203372

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

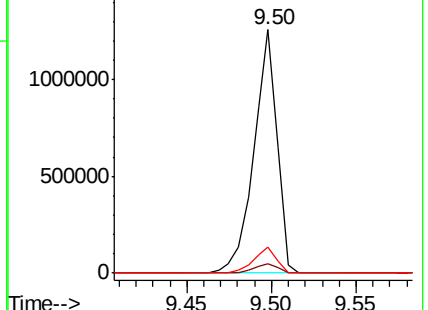
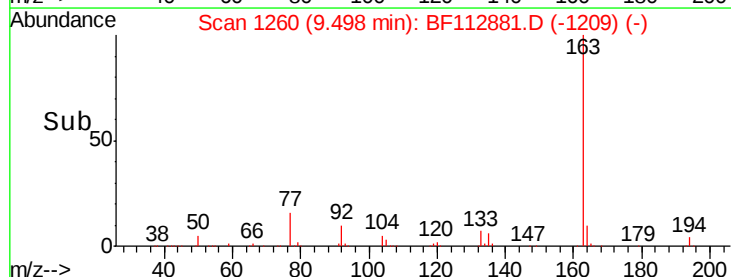
164 10.5 8.4 12.6

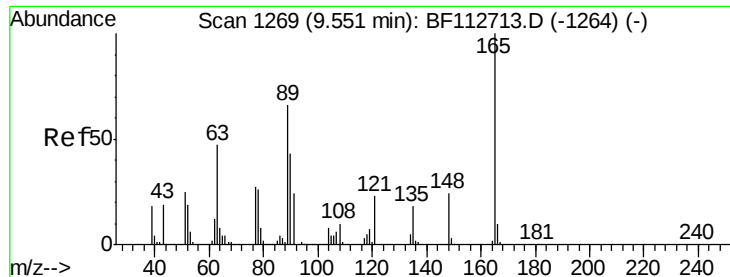


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

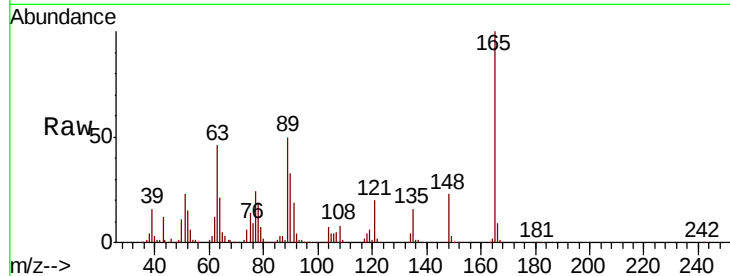




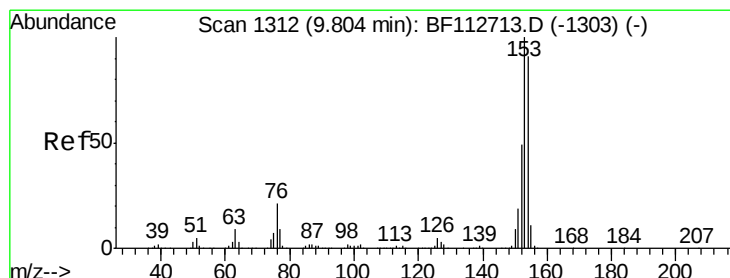
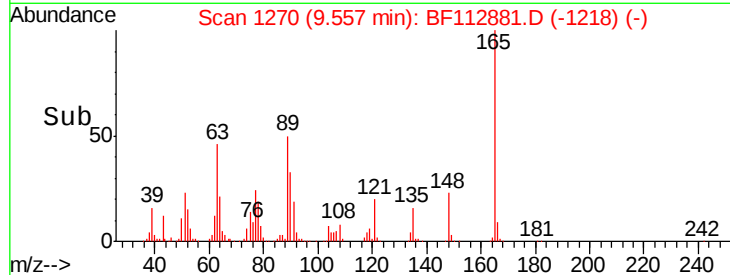
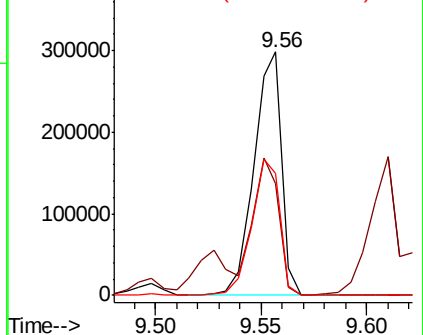
#51
2,6-Dinitrotoluene
Concen: 43.669 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:165 Resp: 270561
Ion Ratio Lower Upper
165 100
63 46.1 54.1 81.1#
89 50.1 52.8 79.2#

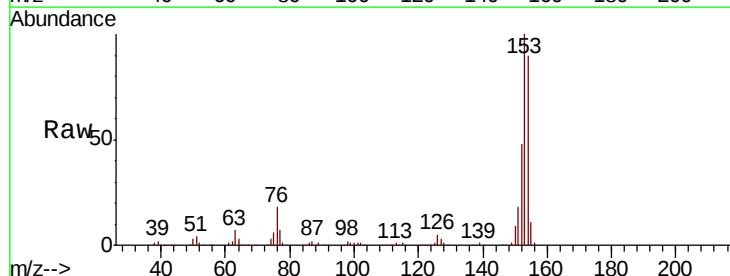


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

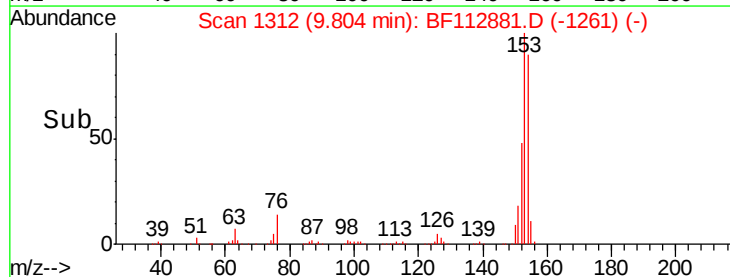
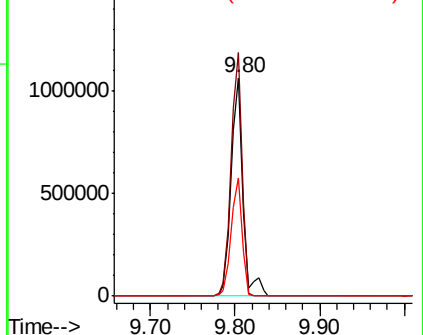


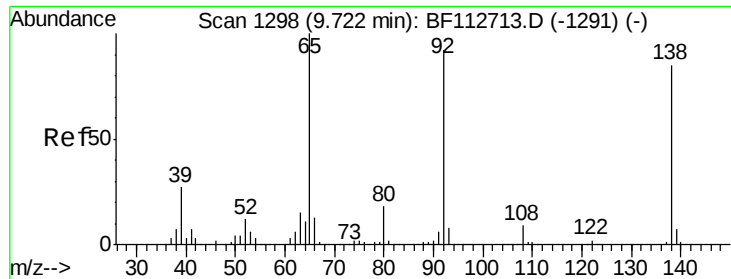
#52
Acenaphthene
Concen: 39.795 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Tgt Ion:154 Resp: 1015306
Ion Ratio Lower Upper
154 100
153 111.4 87.8 131.8
152 53.9 43.0 64.6



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

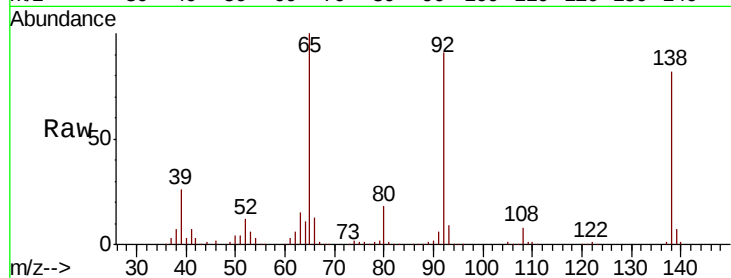




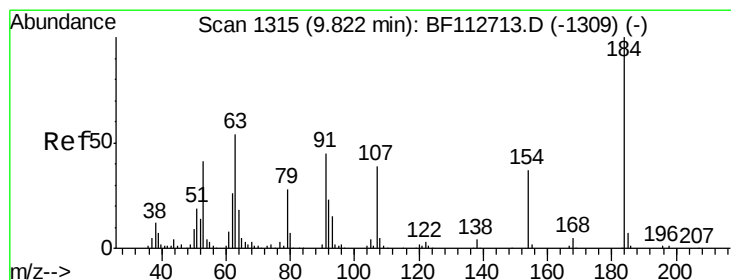
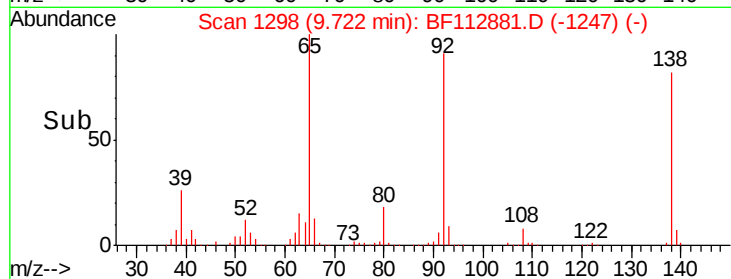
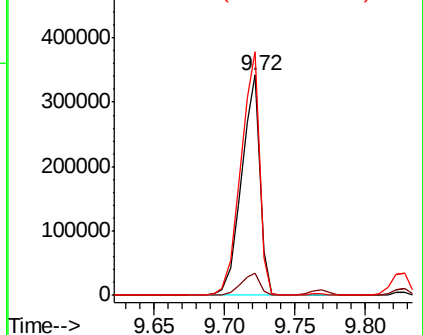
#53
3-Nitroaniline
Concen: 41.126 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:138 Resp: 310485
Ion Ratio Lower Upper
138 100
108 10.2 8.6 13.0
92 110.6 86.6 129.8

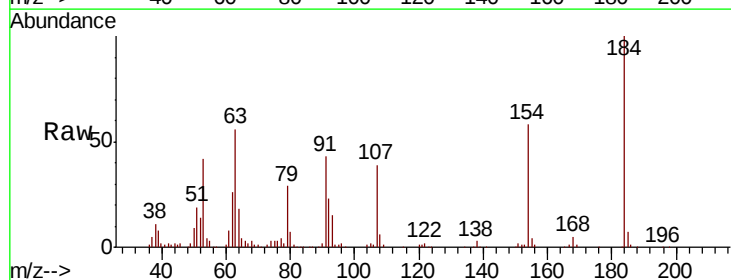


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

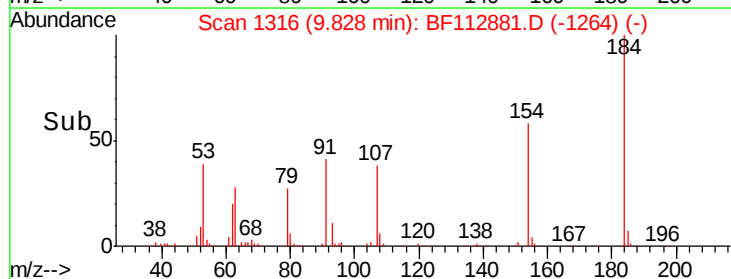
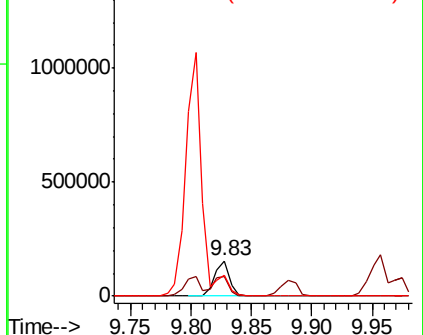


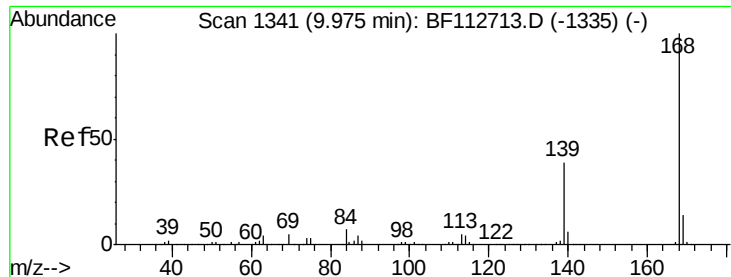
#54
2,4-Dinitrophenol
Concen: 54.471 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Tgt Ion:184 Resp: 132369
Ion Ratio Lower Upper
184 100
63 55.7 45.3 67.9
154 58.0 46.0 69.0



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

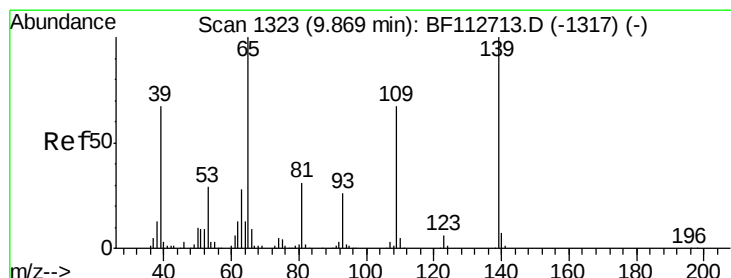
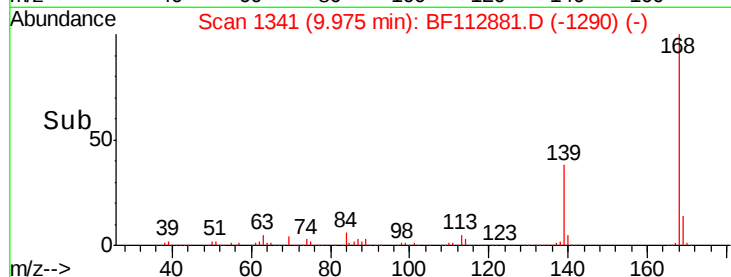
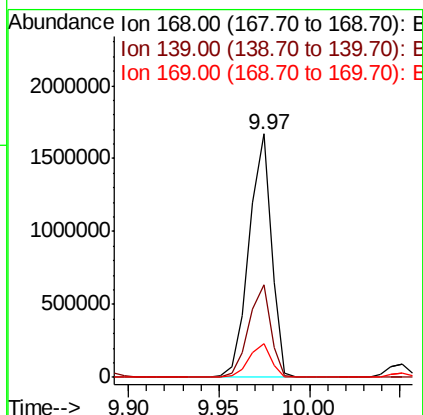
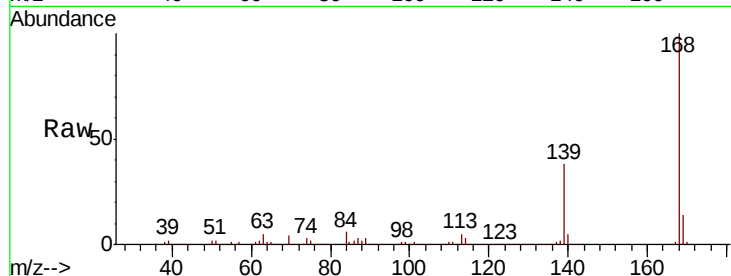




#55
Dibenzofuran
Concen: 38.769 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

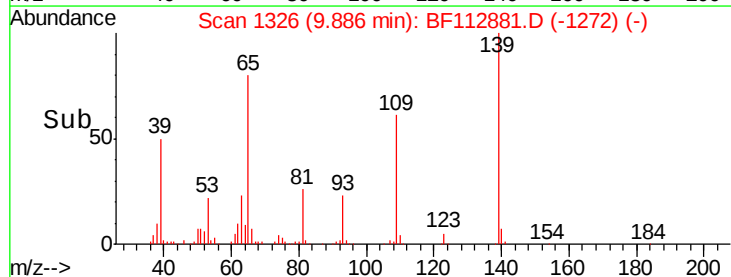
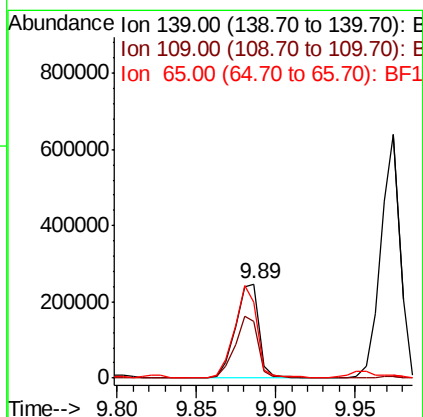
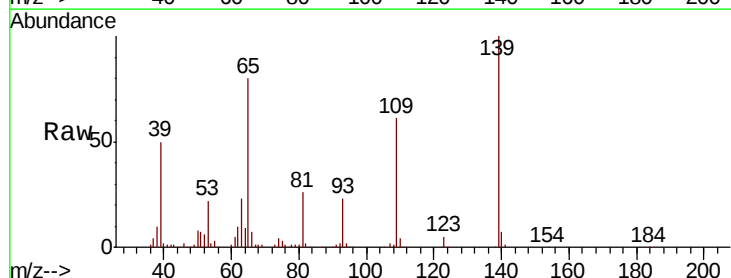
Instrument :
BNA_E
ClientSampleId :

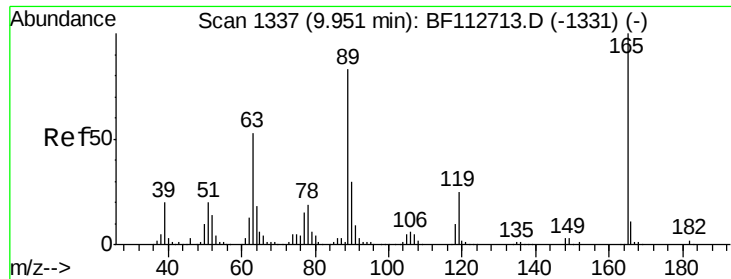
Tot Ion:168 Resp: 1437593
Ion Ratio Lower Upper
168 100
139 38.3 31.3 46.9
169 13.9 11.3 16.9



#56
4-Nitrophenol
Concen: 41.774 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Tgt Ion:139 Resp: 256311
Ion Ratio Lower Upper
139 100
109 60.8 46.8 86.8
65 80.1 80.7 120.7#

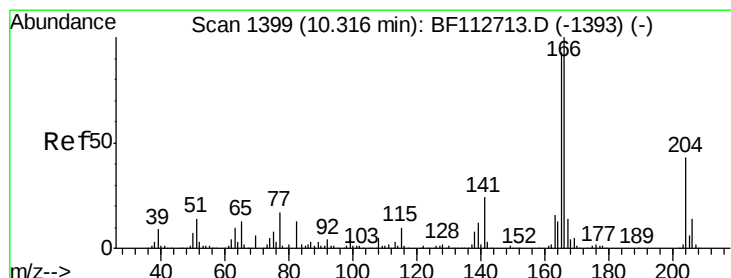
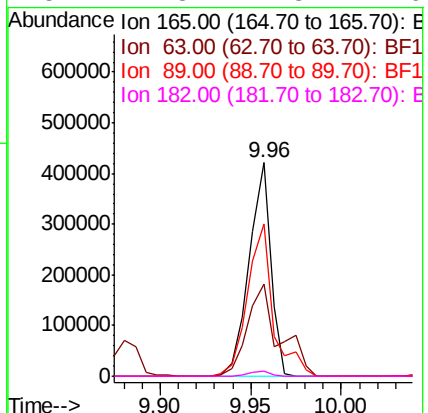
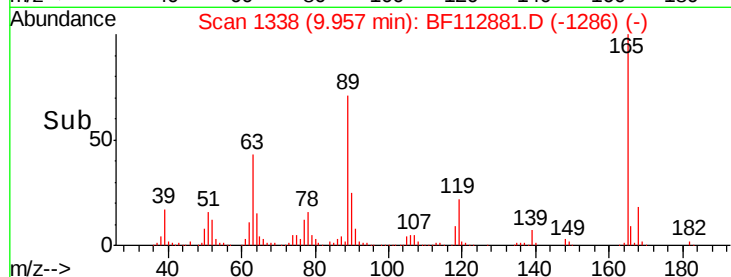
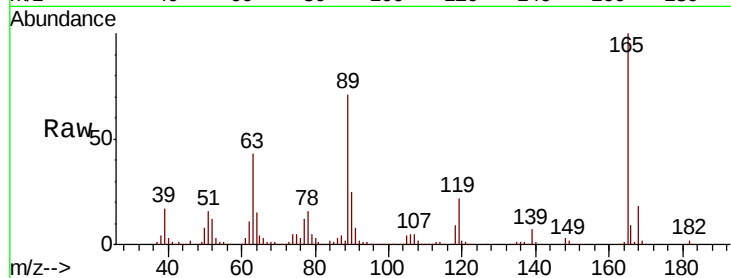




#57
2,4-Dinitrotoluene
Concen: 45.520 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

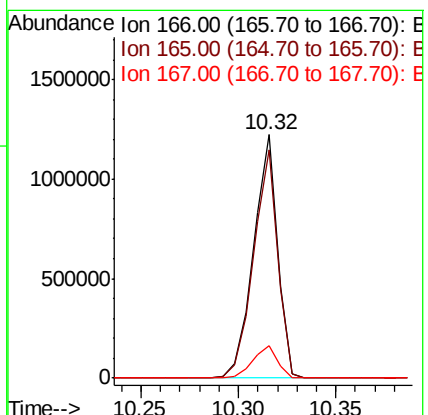
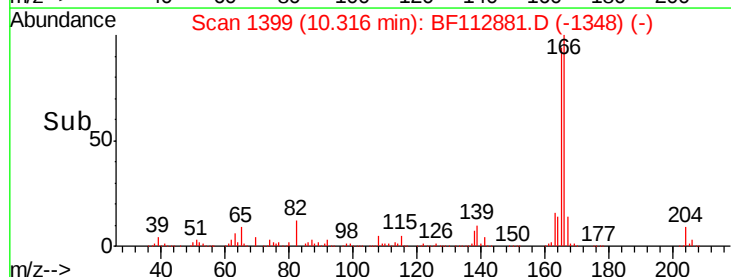
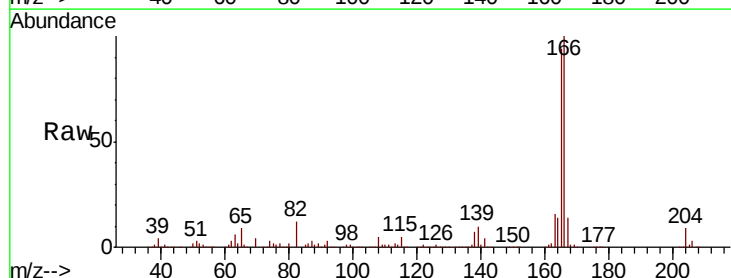
Instrument :
BNA_E
ClientSampleId :

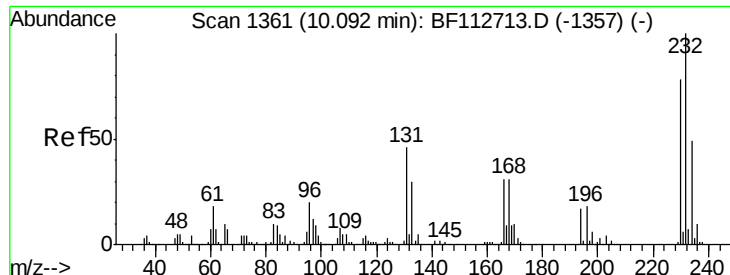
Tot Ion:165	Resp:	350567
Ion Ratio	Lower	Upper
165	100	
63	43.4	42.2 63.2
89	71.4	66.2 99.4
182	2.3	1.8 2.6



#58
Fluorene
Concen: 39.616 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Tgt Ion:166	Resp:	1042638
Ion Ratio	Lower	Upper
166	100	
165	93.7	74.7 112.1
167	13.5	11.0 16.6

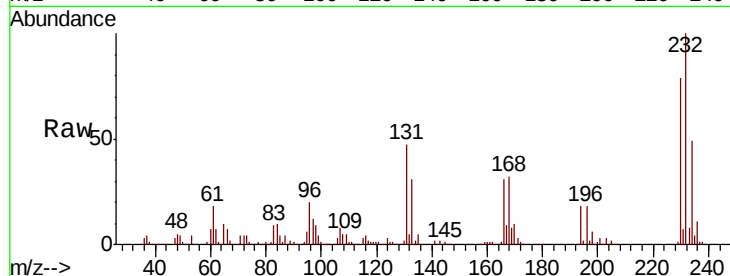




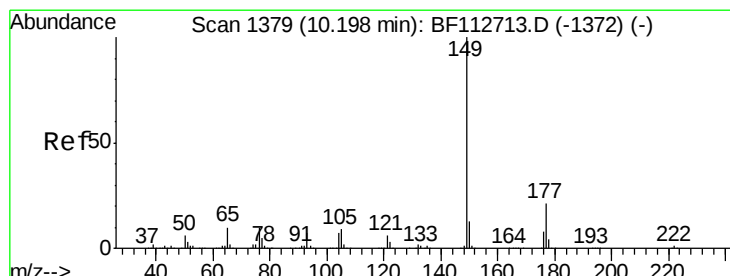
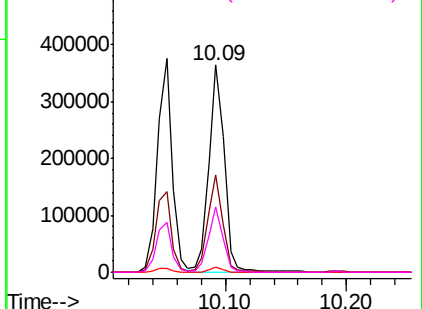
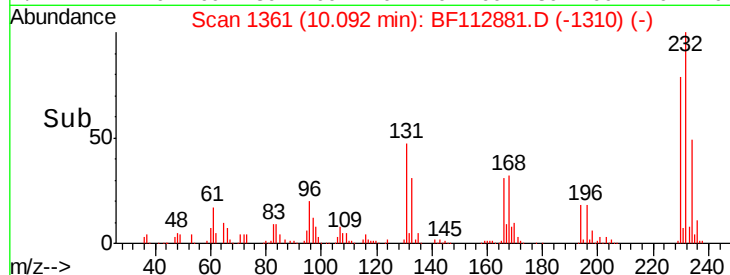
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.929 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF112881.D
 Acq: 6 Mar 2019 13:15

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:	232	Resp:	320360
Ion	Ratio	Lower	Upper
232	100		
131	45.2	38.7	58.1
130	2.2	1.9	2.9
166	30.2	25.2	37.8

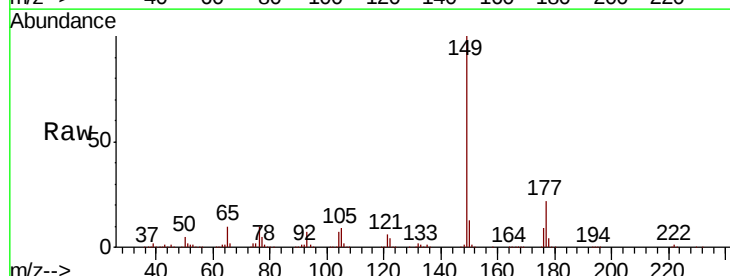


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

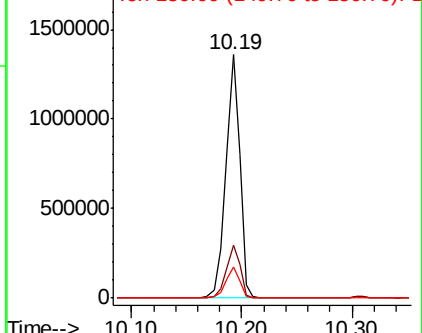
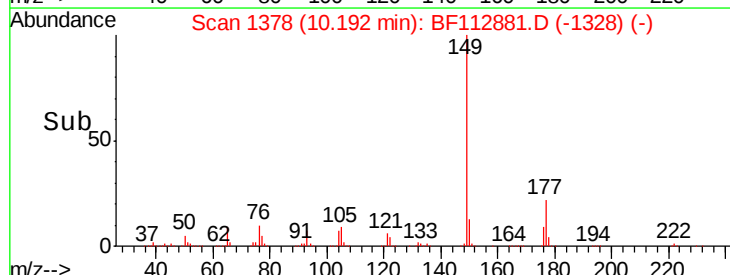


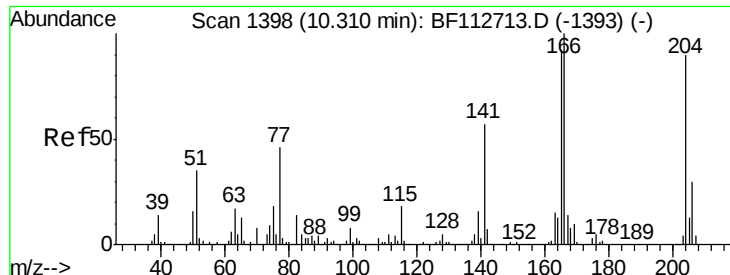
#60
 Diethylphthalate
 Concen: 38.348 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. -0.01 min
 Lab File: BF112881.D
 Acq: 6 Mar 2019 13:15

Tgt Ion:	149	Resp:	1205011
Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.6
150	12.7	10.0	15.0



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

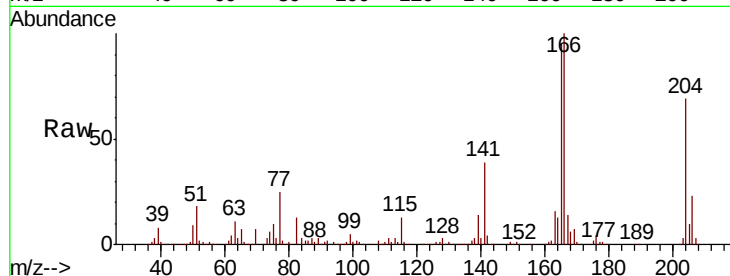




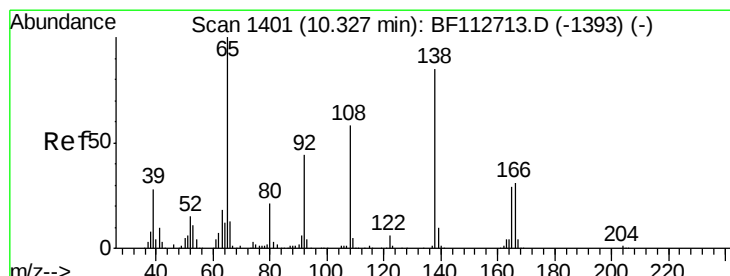
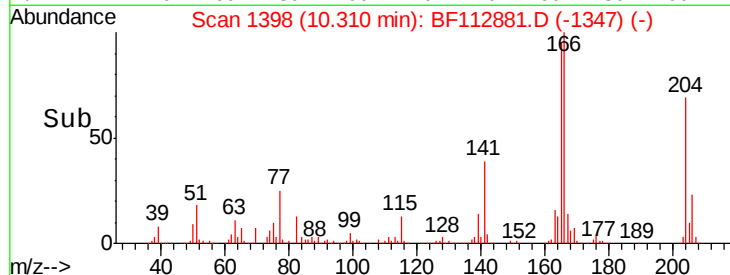
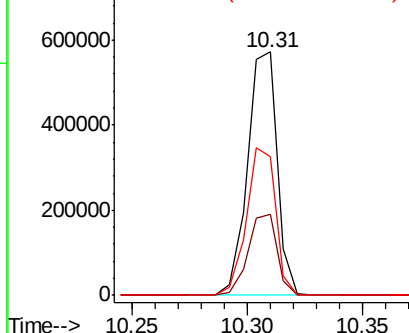
#61
 4-Chlorophenyl-phenylether
 Concen: 42.161 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF112881.D
 Acq: 6 Mar 2019 13:15

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:	204	Resp:	516265
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	40.0
141	56.7	50.8	76.2

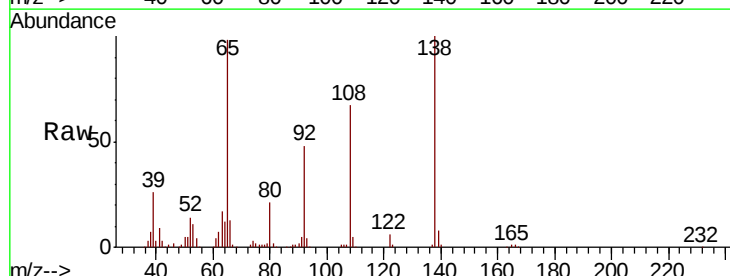


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

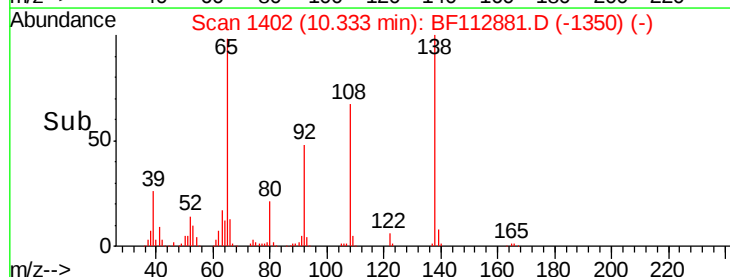
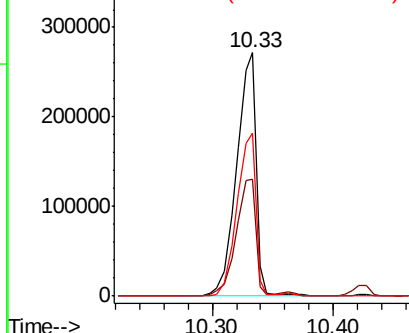


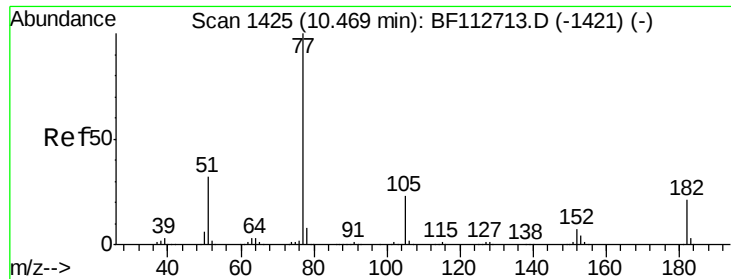
#62
 4-Nitroaniline
 Concen: 43.980 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF112881.D
 Acq: 6 Mar 2019 13:15

Tgt Ion:	138	Resp:	306812
Ion	Ratio	Lower	Upper
138	100		
92	48.1	31.3	71.3
108	67.0	48.1	88.1



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





#63

Azobenzene

Concen: 35.961 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 77 Resp: 1157445

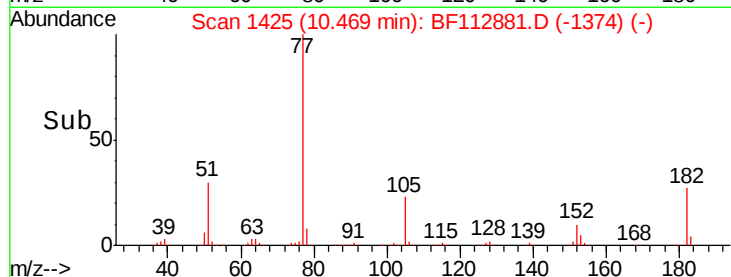
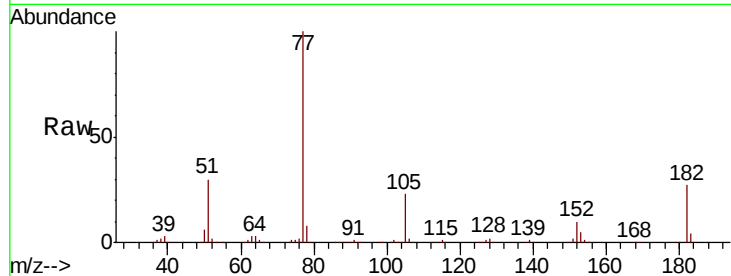
Ion	Ratio	Lower	Upper
77	100		
182	26.9	1.4	41.4
105	23.3	2.6	42.6
51	29.9	12.0	52.0

77 100

182 26.9 1.4 41.4

105 23.3 2.6 42.6

51 29.9 12.0 52.0



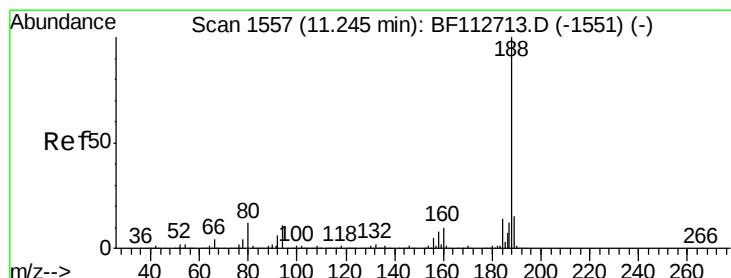
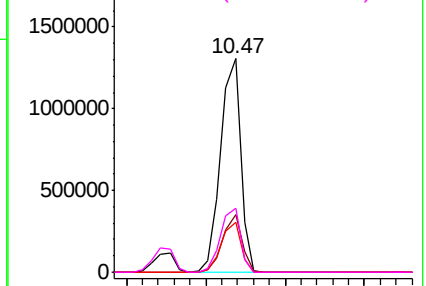
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

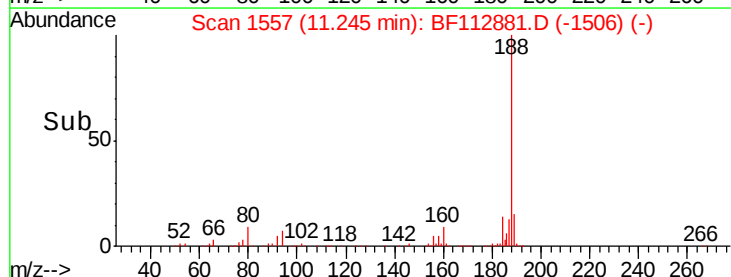
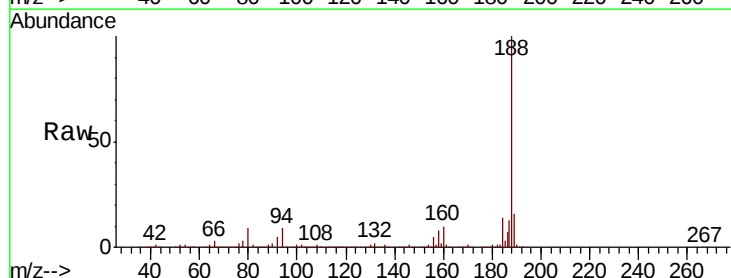
Tgt Ion: 188 Resp: 790259

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.3	9.2	13.8

188 100

94 9.0 9.0 13.4

80 9.3 9.2 13.8

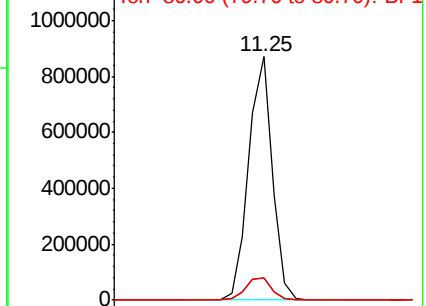


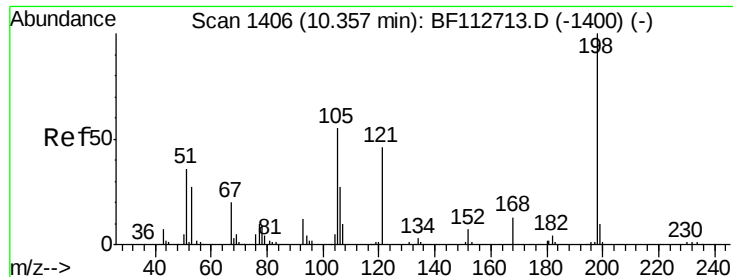
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 50.712 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

Instrument :

BNA_E

ClientSampled :

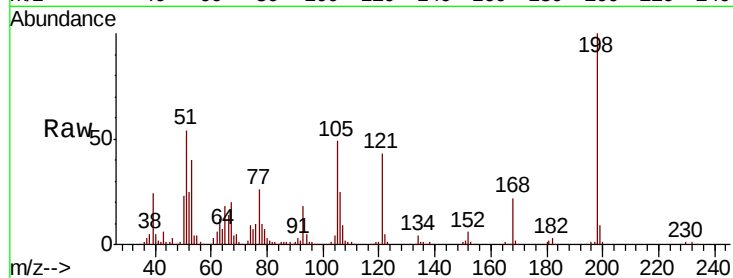
Tot Ion:198 Resp: 165602

Ion Ratio Lower Upper

198 100

51 54.1 43.8 83.8

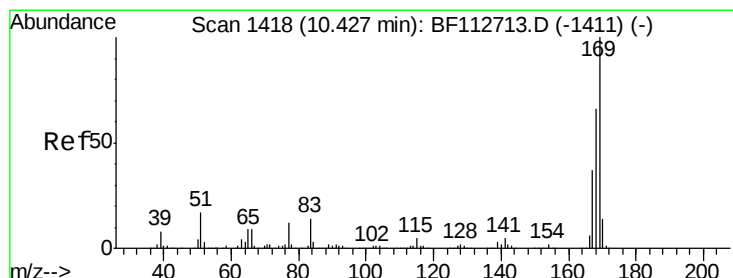
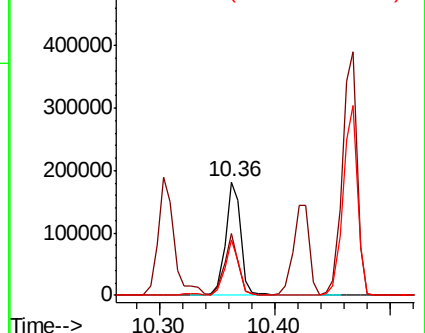
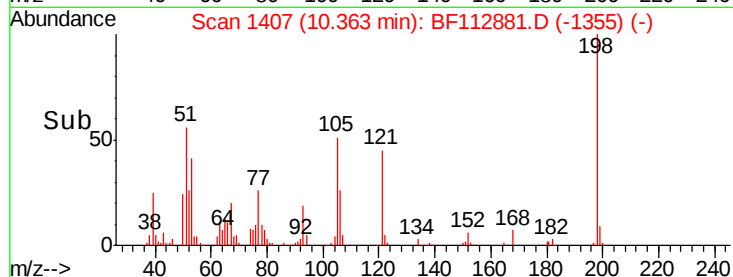
105 49.2 36.5 76.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.681 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

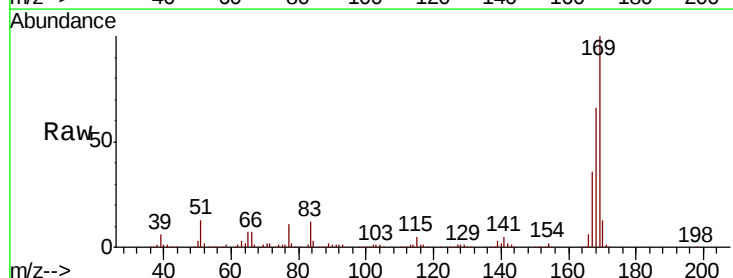
Tgt Ion:169 Resp: 980349

Ion Ratio Lower Upper

169 100

168 66.3 53.0 79.6

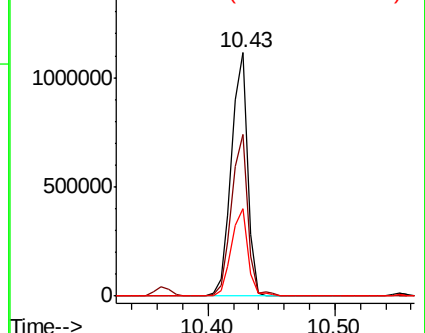
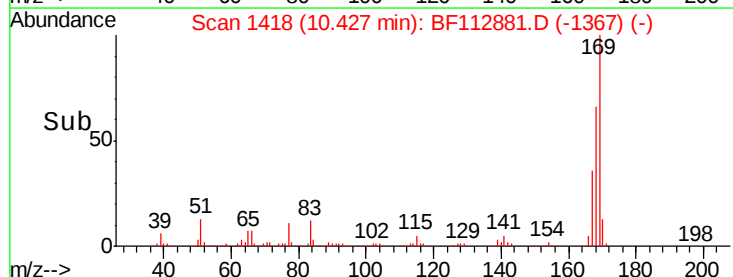
167 36.1 29.3 43.9

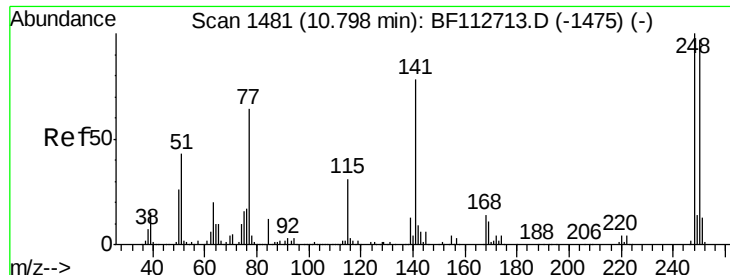


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

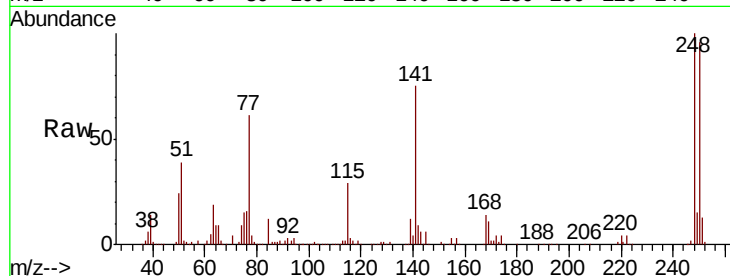




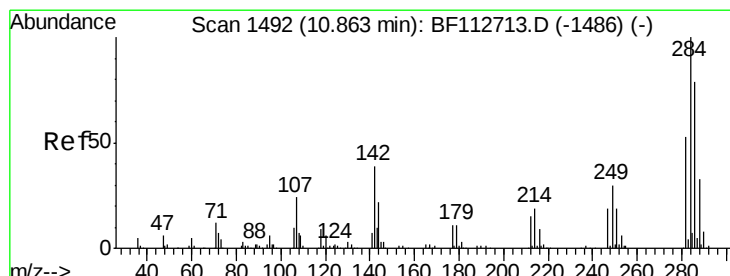
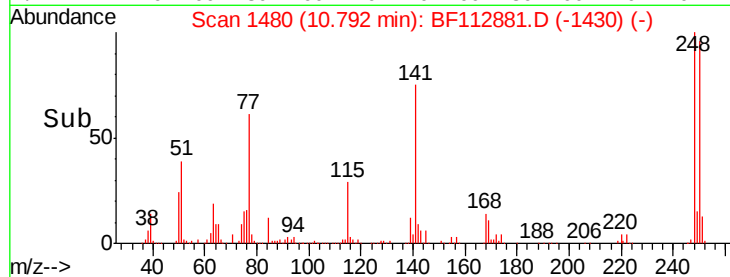
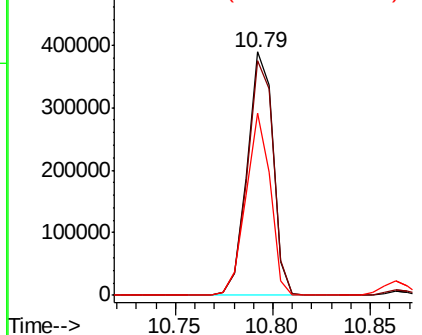
#67
 4-Bromophenyl-phenylether
 Concen: 42.778 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF112881.D
 Acq: 6 Mar 2019 13:15

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:248 Resp: 356072
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.5 116.3
 141 74.8 62.4 93.6

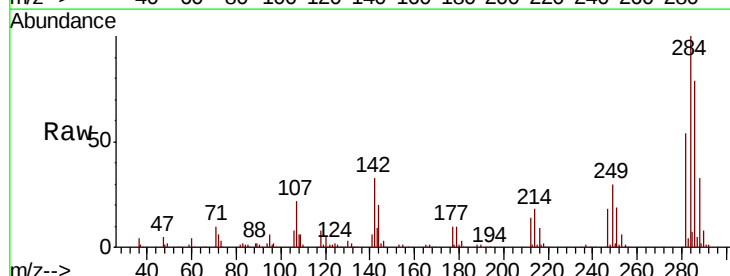


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

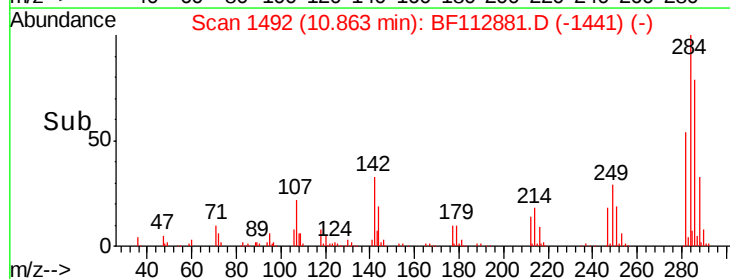
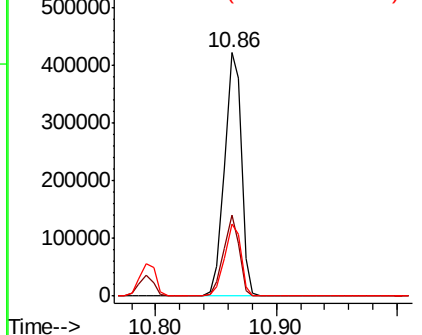


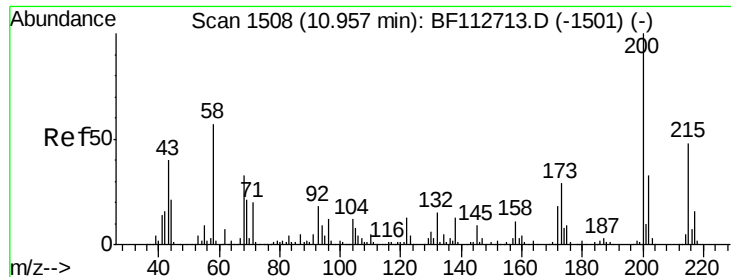
#68
 Hexachlorobenzene
 Concen: 43.631 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF112881.D
 Acq: 6 Mar 2019 13:15

Tgt Ion:284 Resp: 409394
 Ion Ratio Lower Upper
 284 100
 142 33.4 31.0 46.6
 249 29.6 23.6 35.4



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

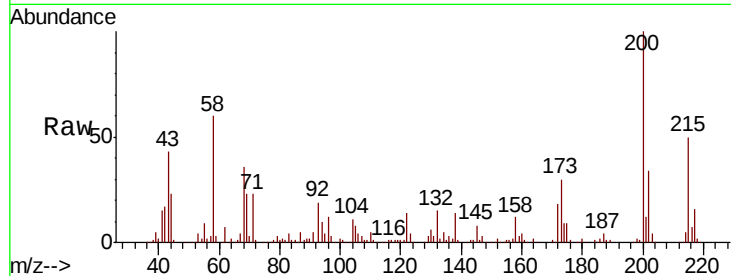




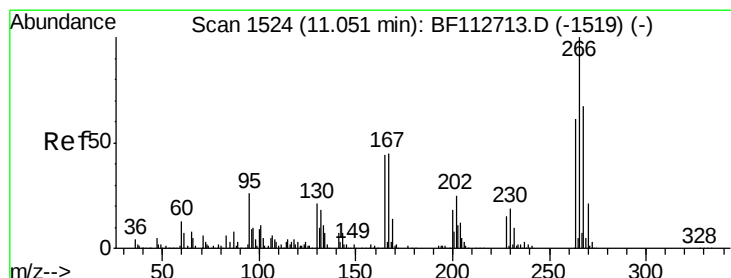
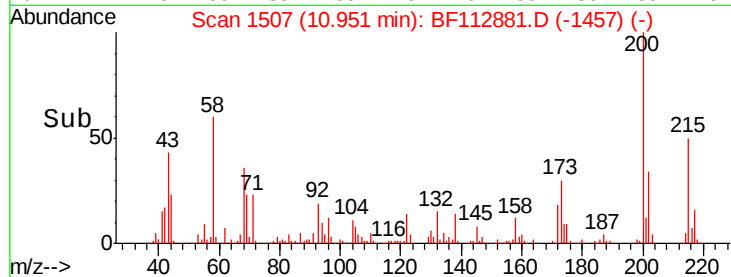
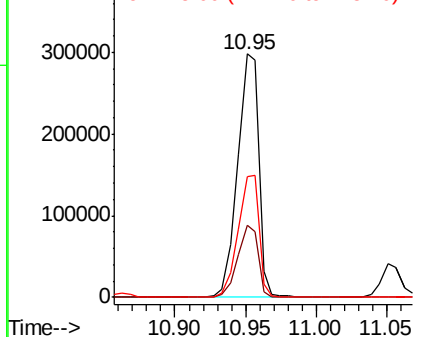
#69
 Atrazine
 Concen: 40.162 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF112881.D
 Acq: 6 Mar 2019 13:15

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:200 Resp: 311746
 Ion Ratio Lower Upper
 200 100
 173 29.6 9.1 49.1
 215 49.7 28.2 68.2

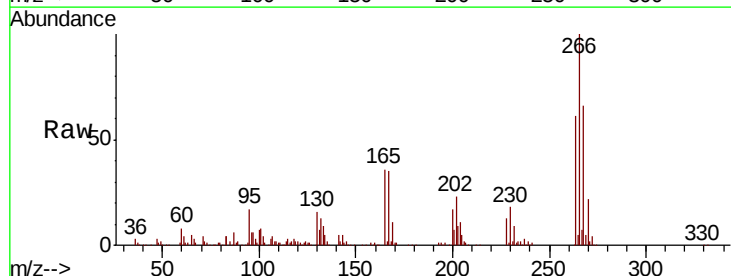


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

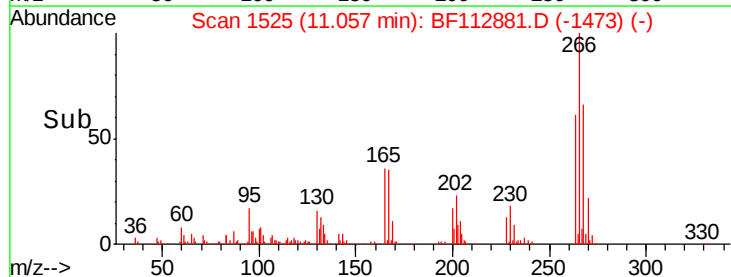
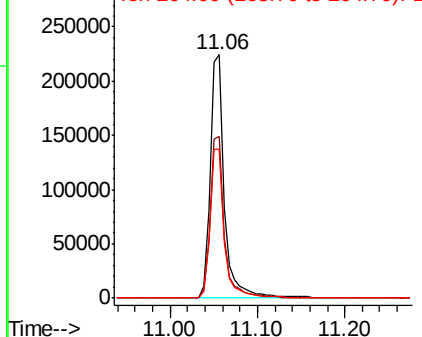


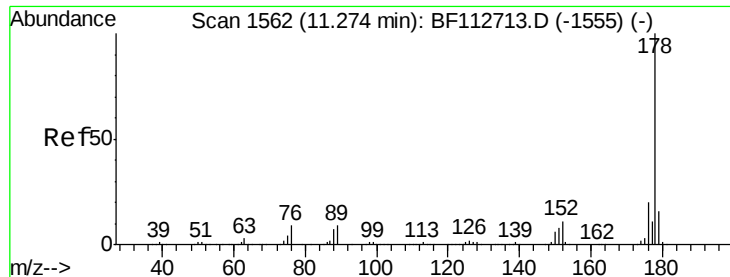
#70
 Pentachlorophenol
 Concen: 45.854 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BF112881.D
 Acq: 6 Mar 2019 13:15

Tgt Ion:266 Resp: 253234
 Ion Ratio Lower Upper
 266 100
 268 66.4 53.3 79.9
 264 61.3 48.9 73.3



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

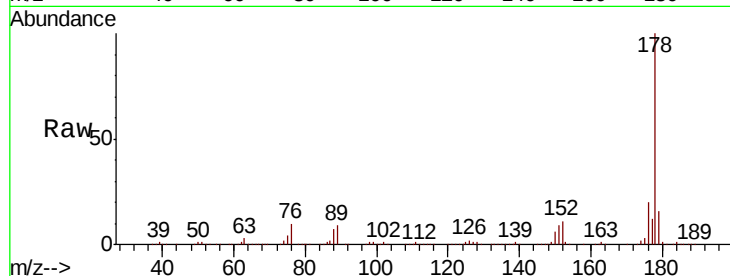




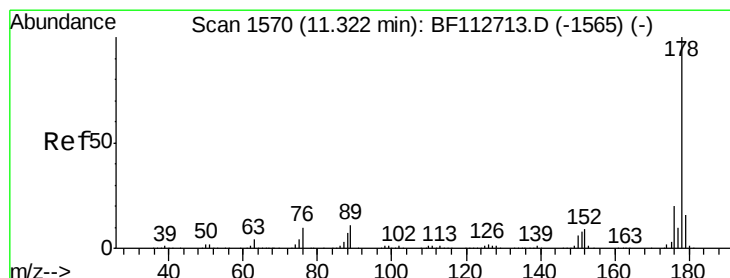
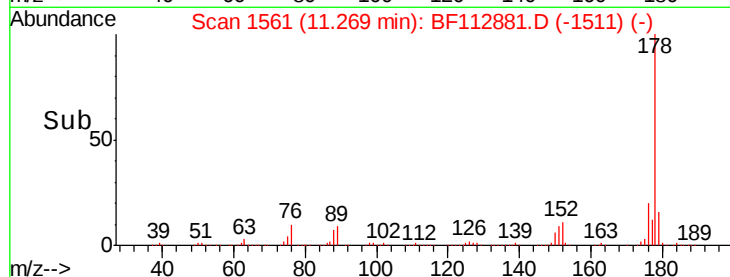
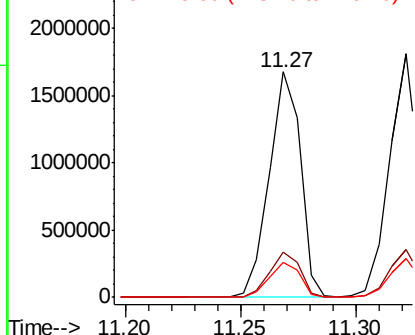
#71
 Phenanthrene
 Concen: 40.153 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF112881.D
 Acq: 6 Mar 2019 13:15

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:178 Resp: 1578740
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.3 24.5
 179 15.6 12.7 19.1

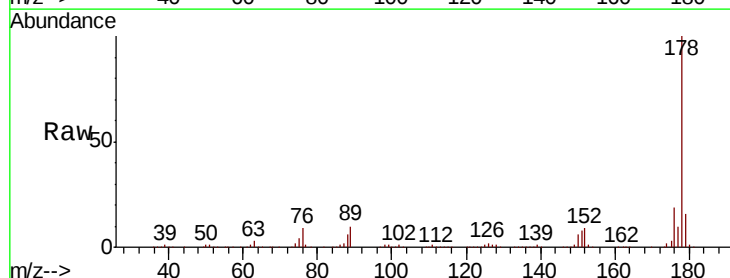


Abundance Ion 178.00 (177.70 to 178.70): E
 2500000 Ion 176.00 (175.70 to 176.70): E
 2000000 Ion 179.00 (178.70 to 179.70): E

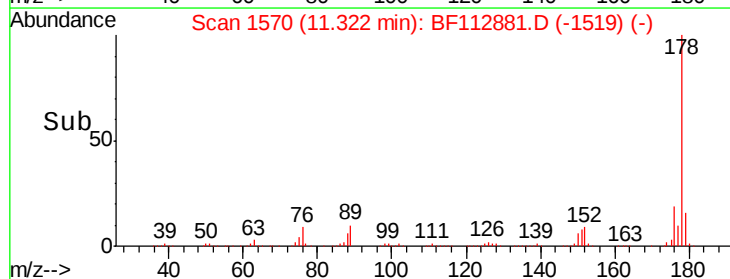
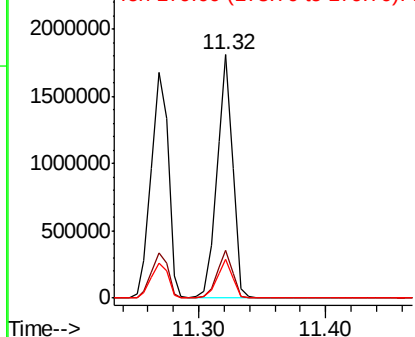


#72
 Anthracene
 Concen: 38.512 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF112881.D
 Acq: 6 Mar 2019 13:15

Tgt Ion:178 Resp: 1585090
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 16.2 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 2500000 Ion 176.00 (175.70 to 176.70): E
 2000000 Ion 179.00 (178.70 to 179.70): E

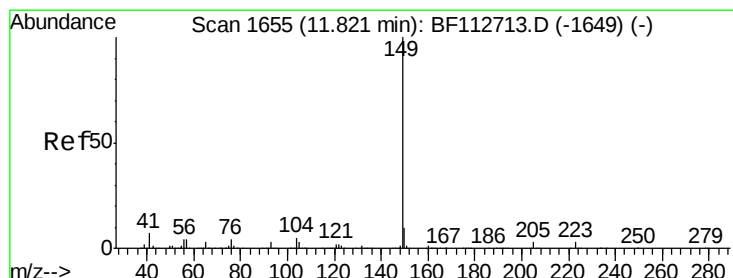
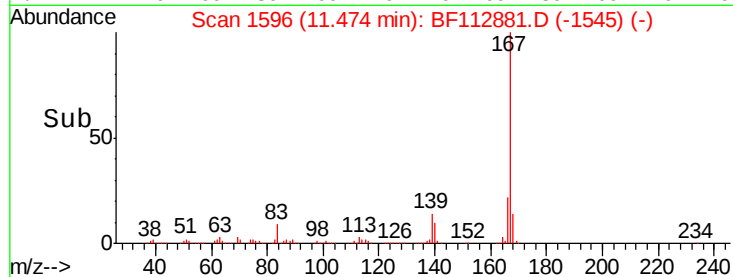
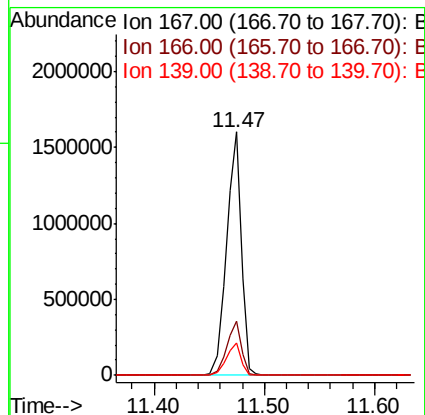
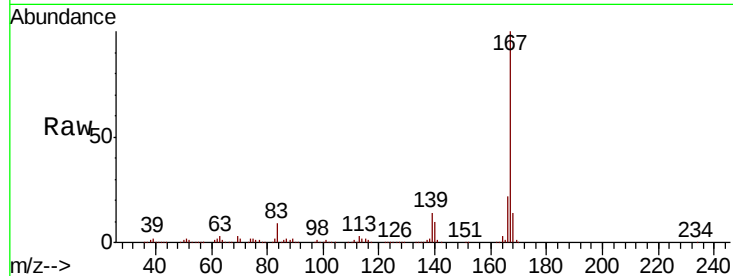




#73
 Carbazole
 Concen: 37.505 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF112881.D
 Acq: 6 Mar 2019 13:15

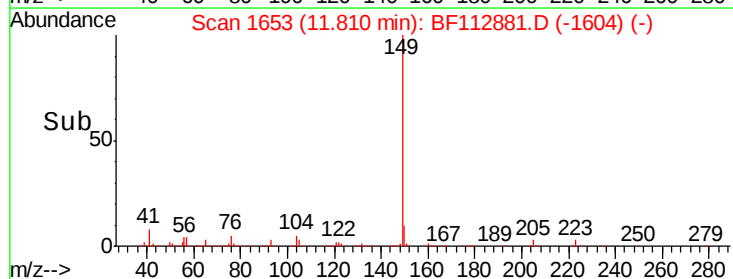
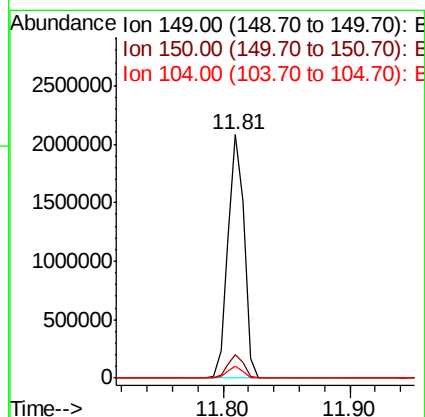
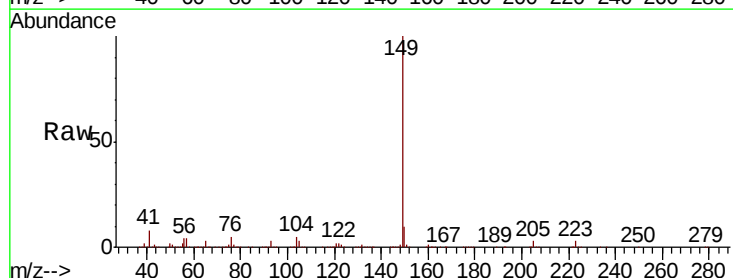
Instrument :
 BNA_E
 ClientSampleId :

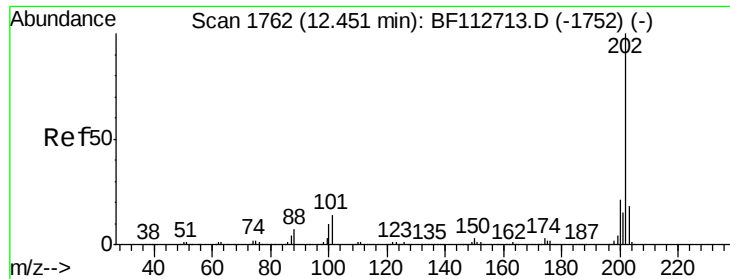
Tot Ion:167 Resp: 1505824
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.5 26.3
 139 13.5 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 38.065 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF112881.D
 Acq: 6 Mar 2019 13:15

Tgt Ion:149 Resp: 1832523
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 4.9 3.7 5.5





#75

Fluoranthene

Concen: 39.442 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

Instrument :

BNA_E

ClientSampled :

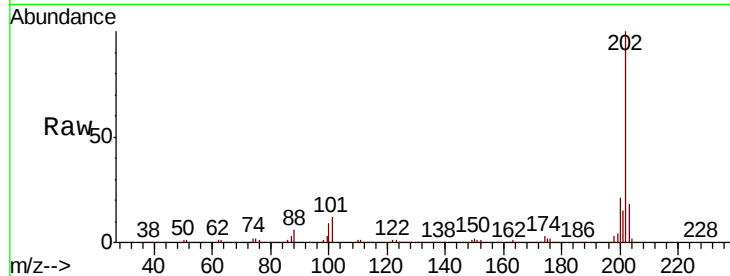
Tot Ion:202 Resp: 1661485

Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.8

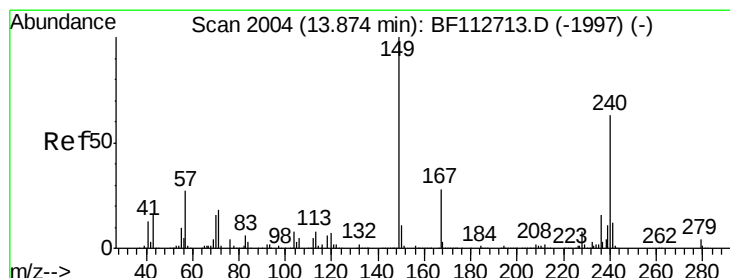
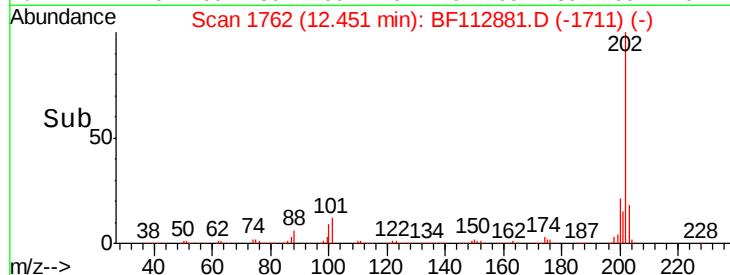
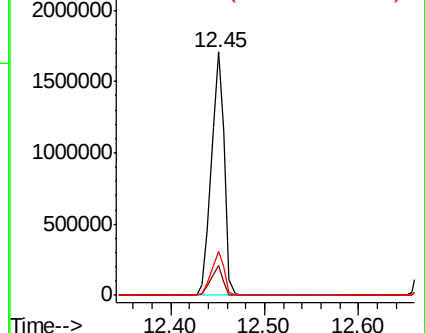
203 18.1 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

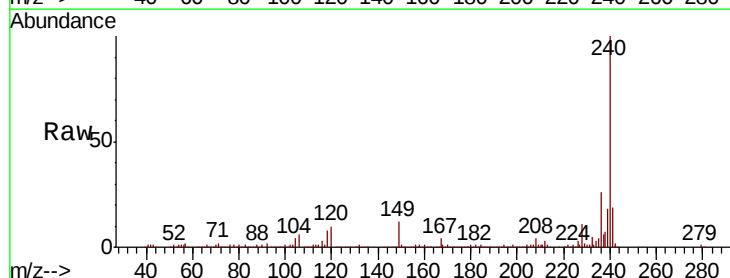
Tgt Ion:240 Resp: 493142

Ion Ratio Lower Upper

240 100

120 9.6 8.9 13.3

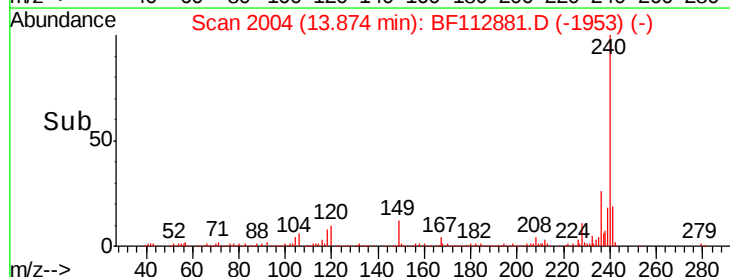
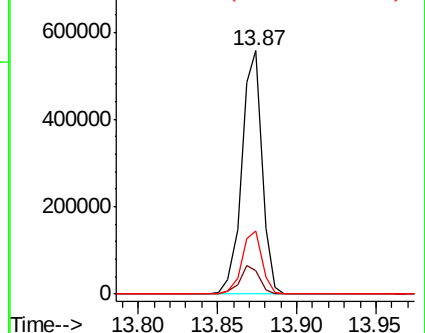
236 26.0 20.7 31.1

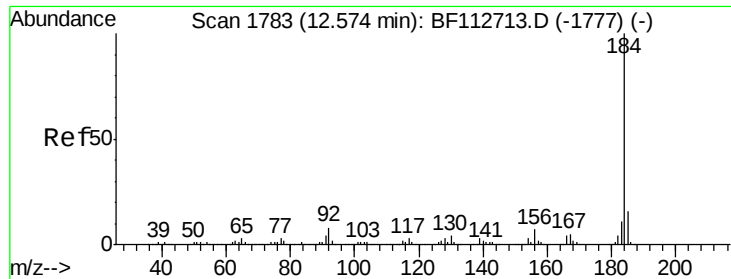


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

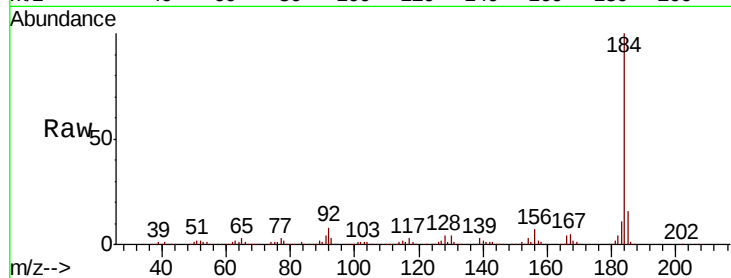




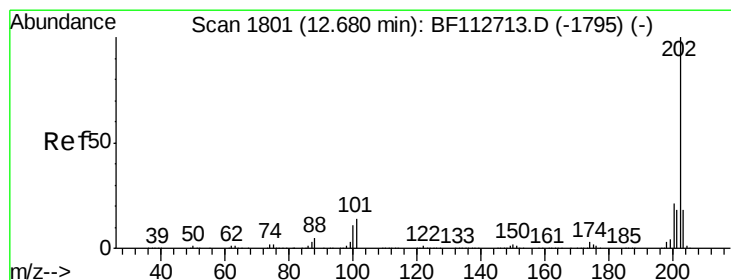
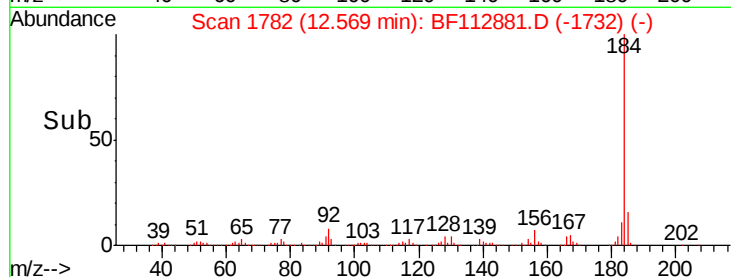
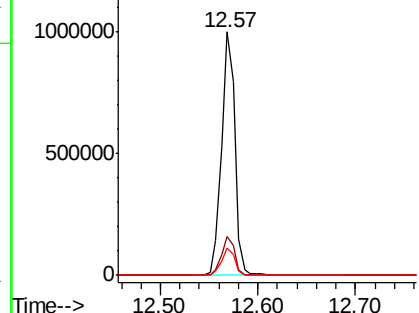
#77
Benzidine
Concen: 37.145 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Instrument :
BNA_E
ClientSampled :

Tot Ion:184 Resp: 950362
Ion Ratio Lower Upper
184 100
185 16.1 12.6 18.8
183 11.3 8.6 12.8

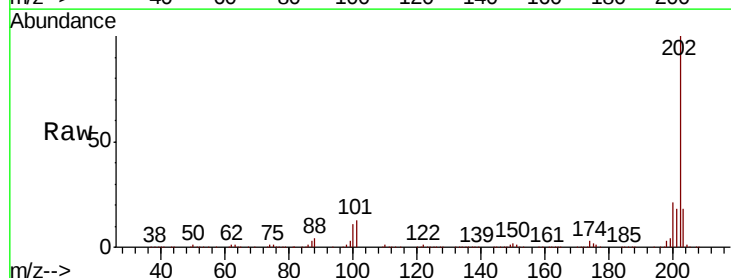


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

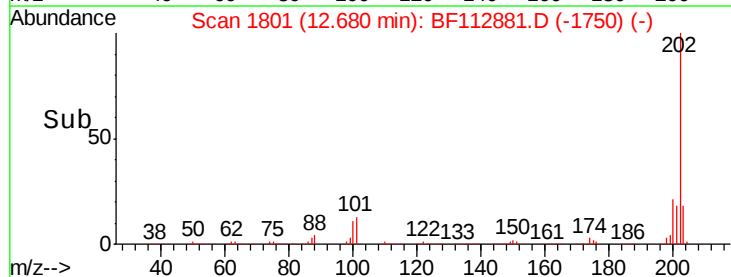
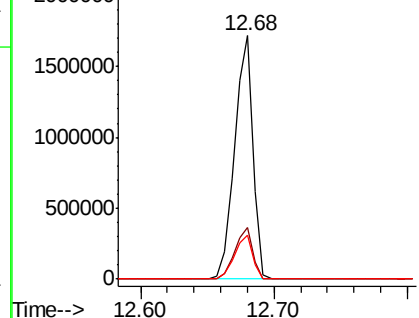


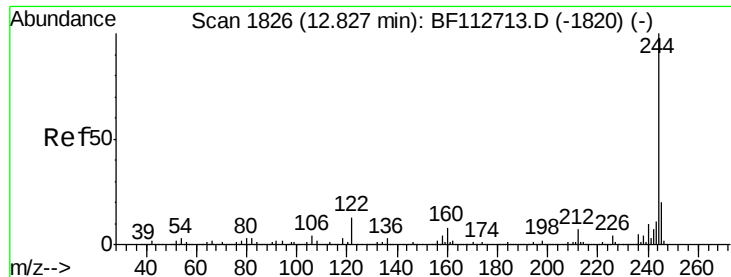
#78
Pyrene
Concen: 39.983 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Tgt Ion:202 Resp: 1662230
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 18.1 14.4 21.6



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

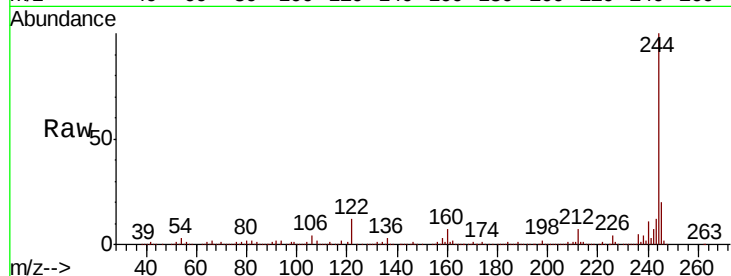




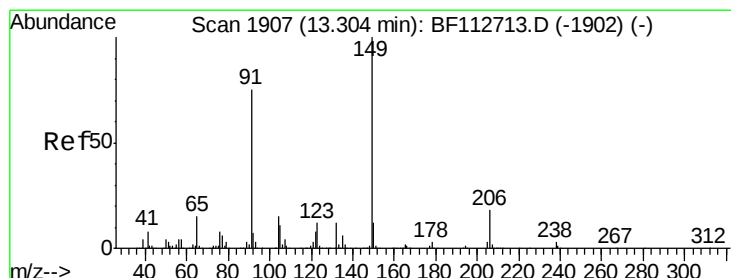
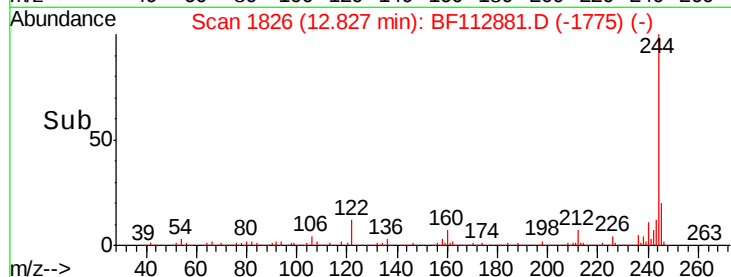
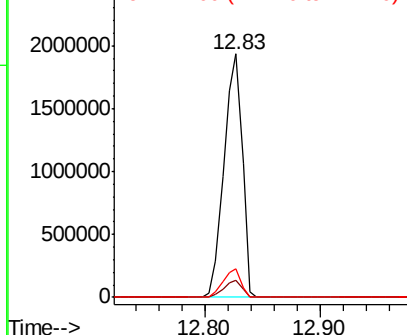
#79
 Terphenyl-d14
 Concen: 82.843 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF112881.D
 Acq: 6 Mar 2019 13:15

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:244 Resp: 2107467
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.8 10.5 15.7

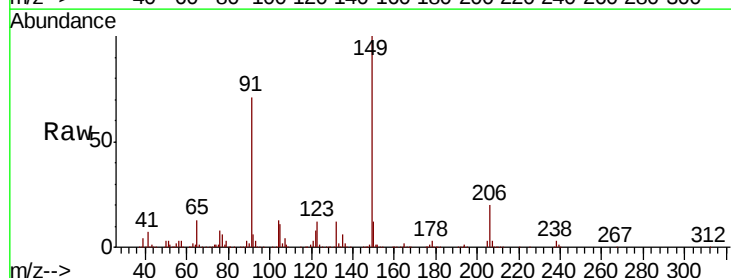


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

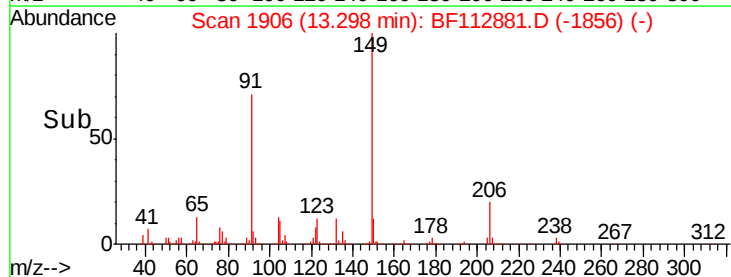
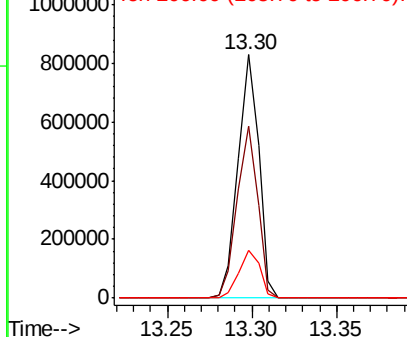


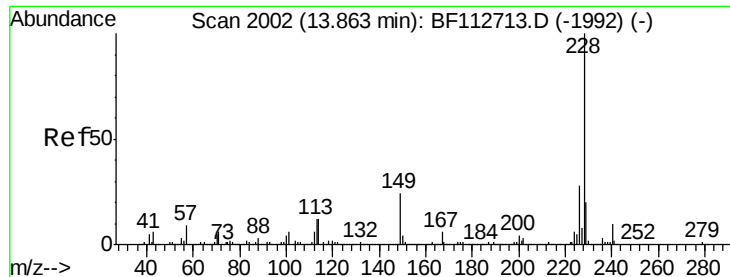
#80
 Butylbenzylphthalate
 Concen: 38.623 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF112881.D
 Acq: 6 Mar 2019 13:15

Tgt Ion:149 Resp: 708759
 Ion Ratio Lower Upper
 149 100
 91 70.7 59.9 89.9
 206 19.8 14.7 22.1



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: 35.643 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

Instrument :

BNA_E

ClientSampleId :

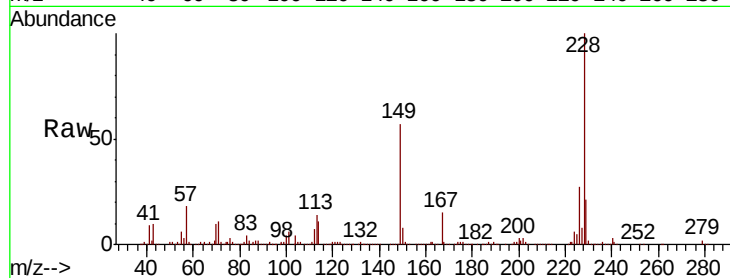
Tot Ion:228 Resp: 1218202

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.4

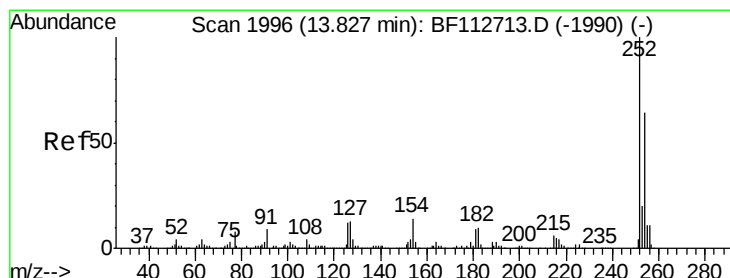
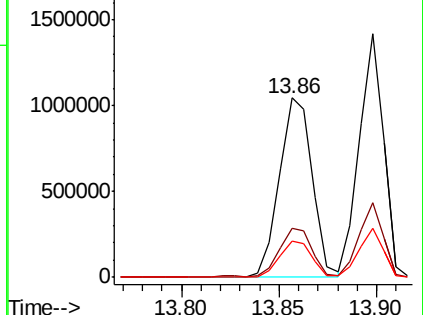
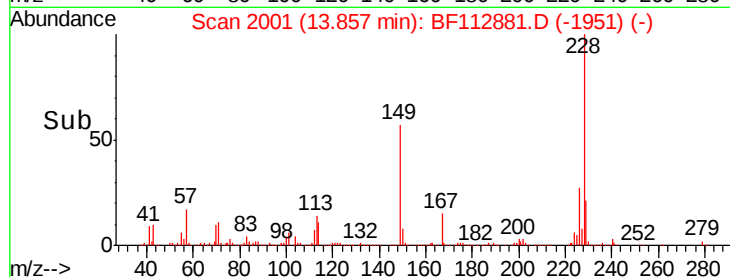
229 20.5 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.093 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

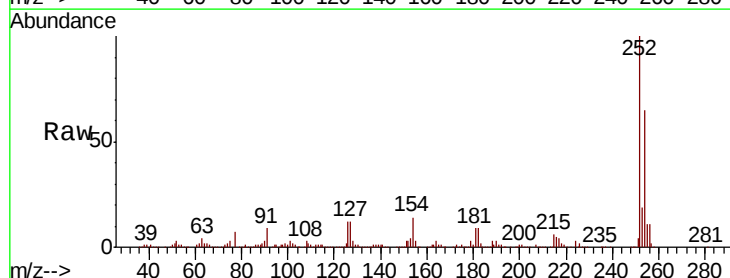
Tgt Ion:252 Resp: 492398

Ion Ratio Lower Upper

252 100

254 64.8 51.1 76.7

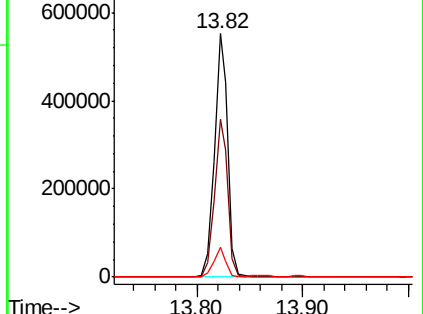
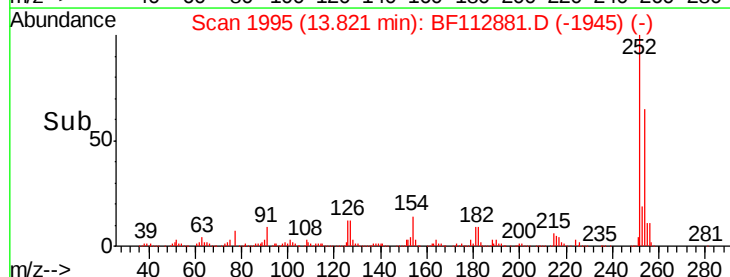
126 12.0 9.9 14.9

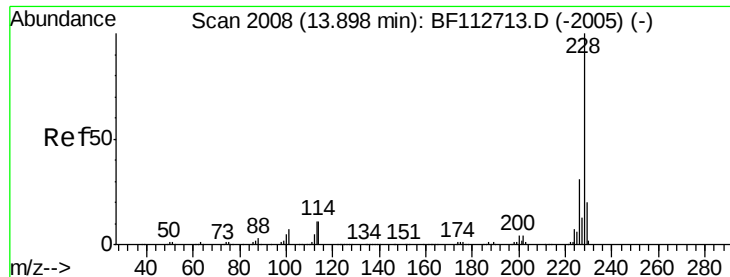


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

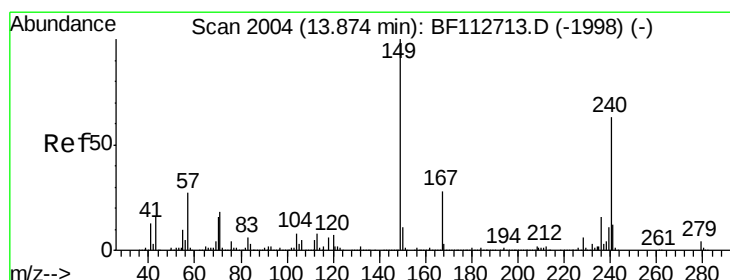
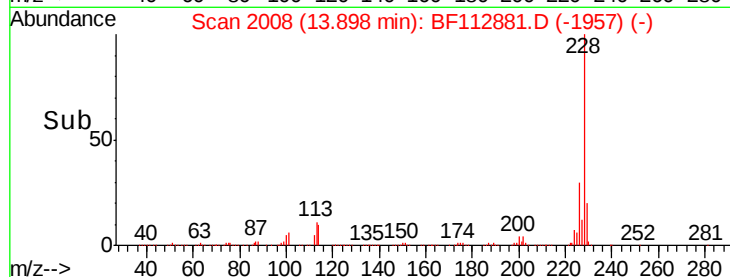
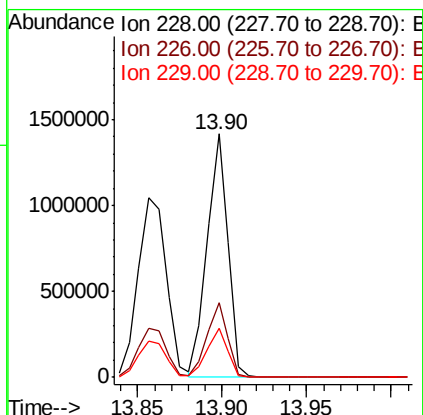
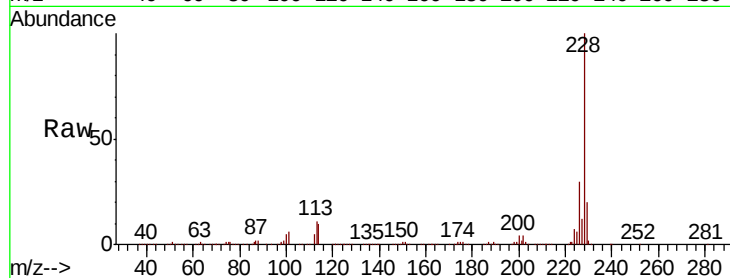




#83
Chrysene
Concen: 36.684 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

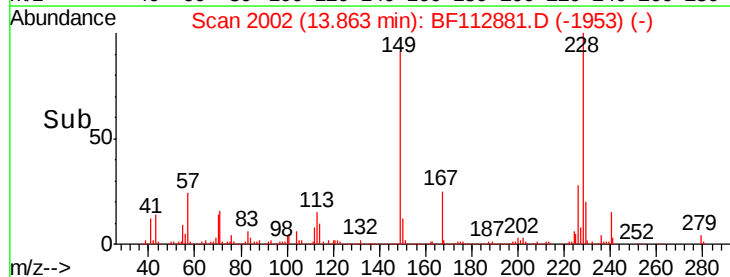
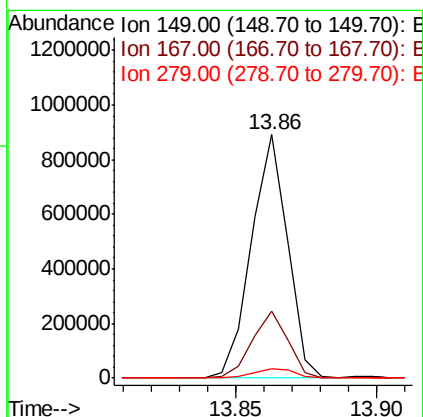
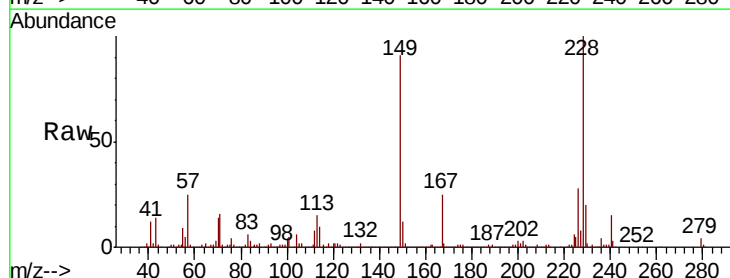
Instrument :
BNA_E
ClientSampleId :

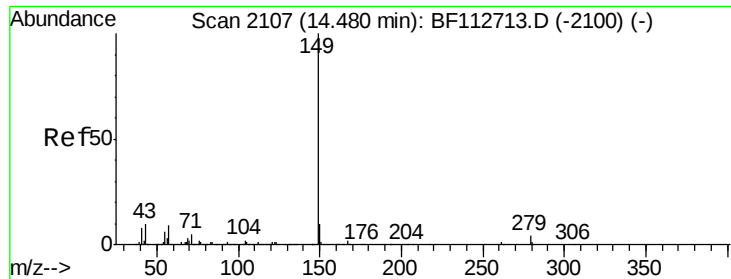
Tot Ion:228 Resp: 1228134
Ion Ratio Lower Upper
228 100
226 30.5 24.9 37.3
229 20.2 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 36.863 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Tgt Ion:149 Resp: 793437
Ion Ratio Lower Upper
149 100
167 27.5 22.4 33.6
279 3.9 3.3 4.9

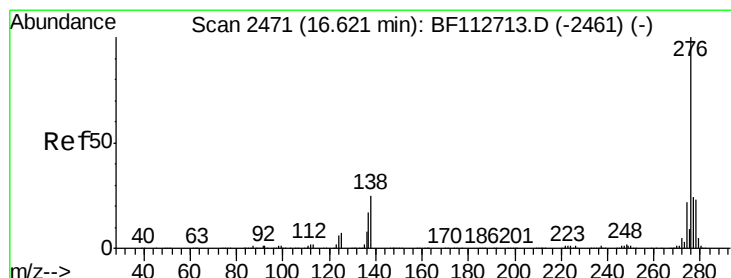
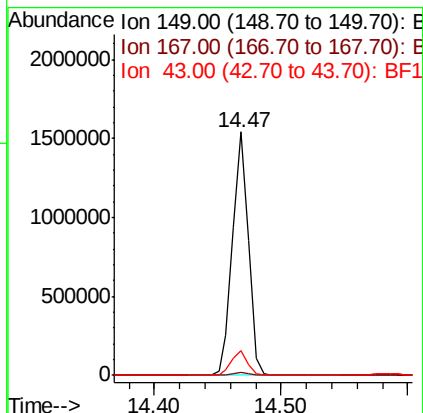
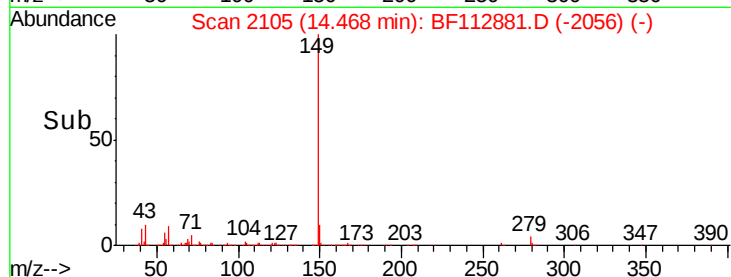
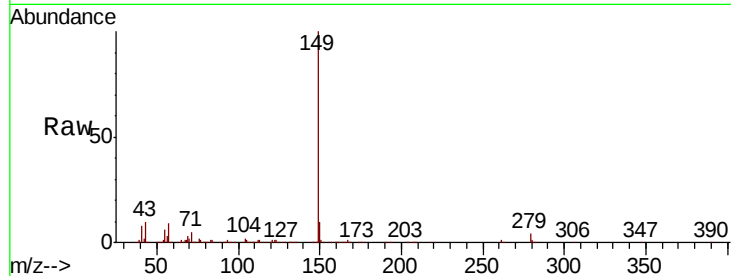




#85
Di-n-octyl phthalate
Concen: 35.831 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

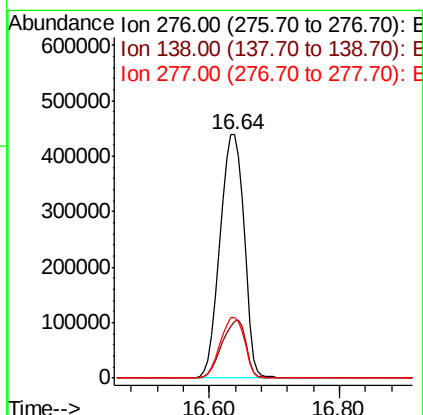
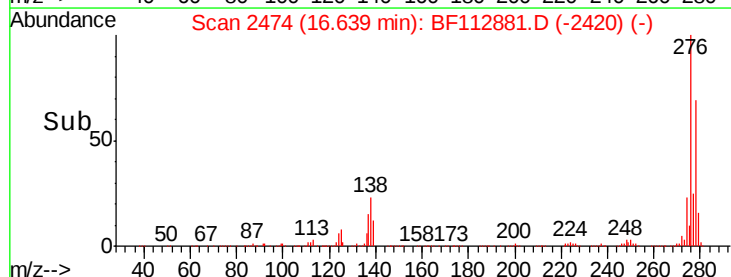
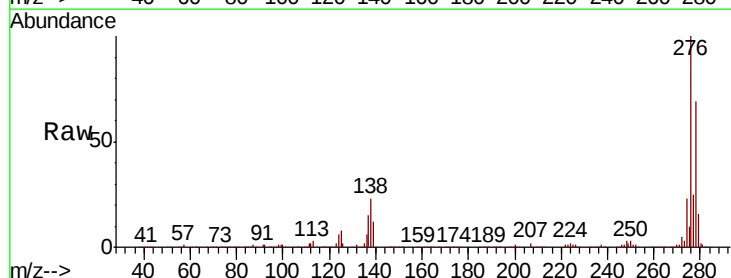
Instrument :
BNA_E
ClientSampleId :

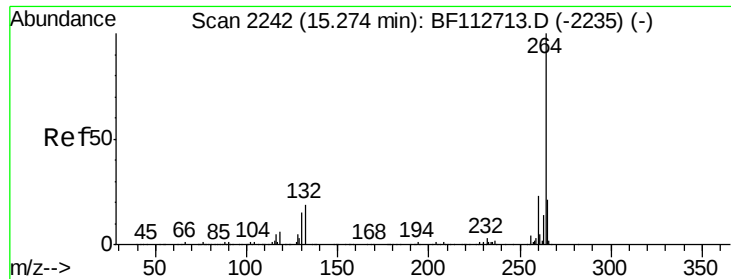
Tot Ion:149 Resp: 1324301
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.9 9.0 13.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.702 ng
RT: 16.64 min Scan# 2474
Delta R.T. 0.02 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Tgt Ion:276 Resp: 1133162
Ion Ratio Lower Upper
276 100
138 23.7 23.2 34.8
277 25.0 19.9 29.9



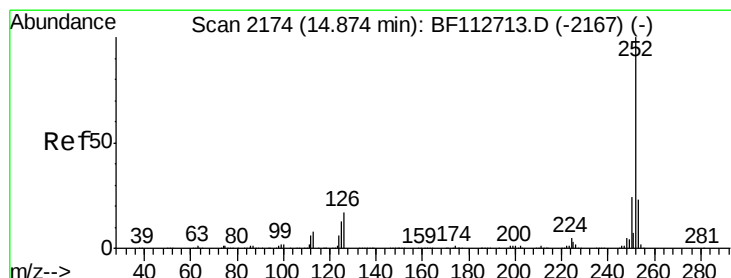
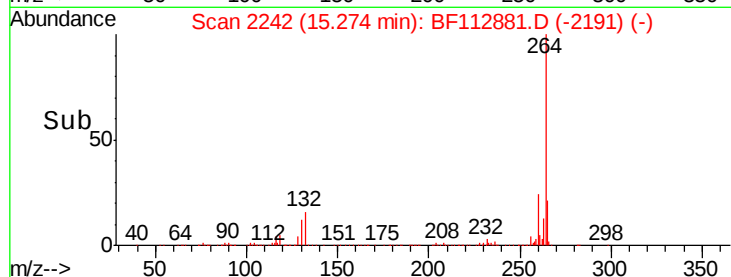
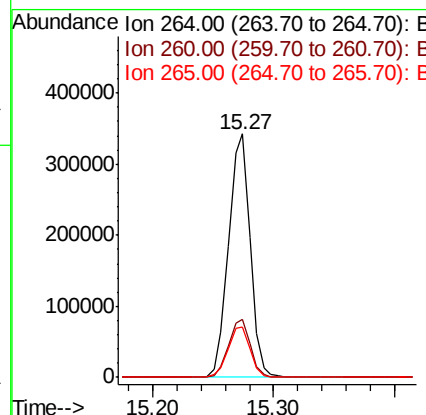
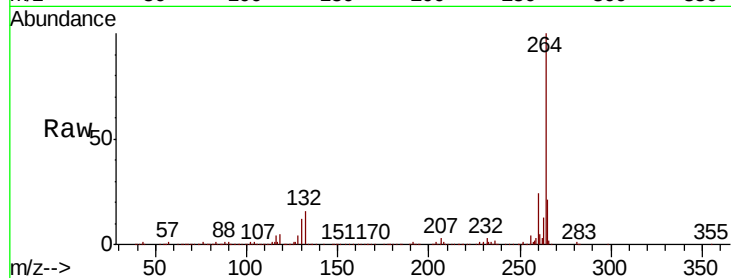


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 424075

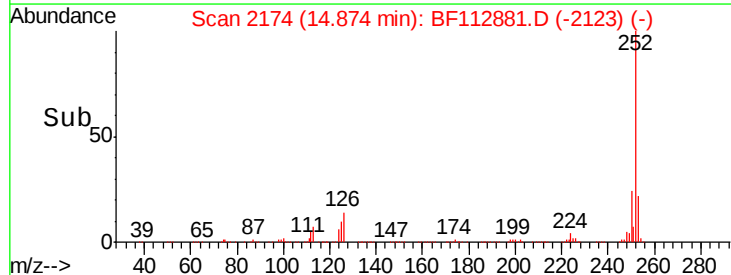
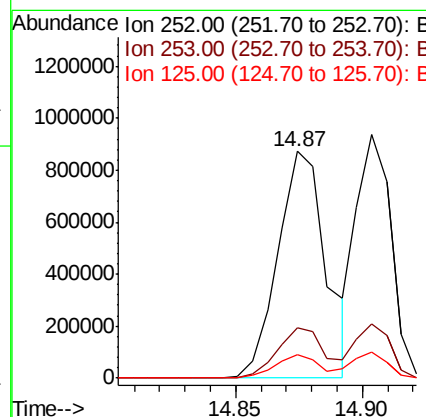
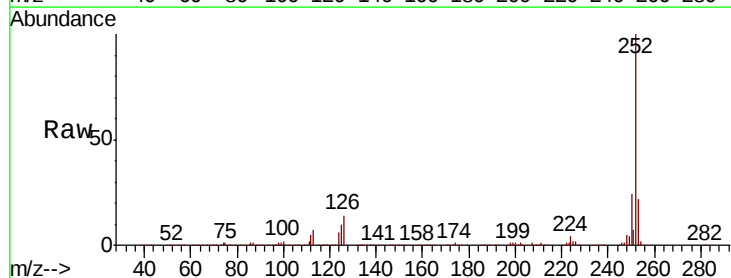
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	20.7	17.2	25.8

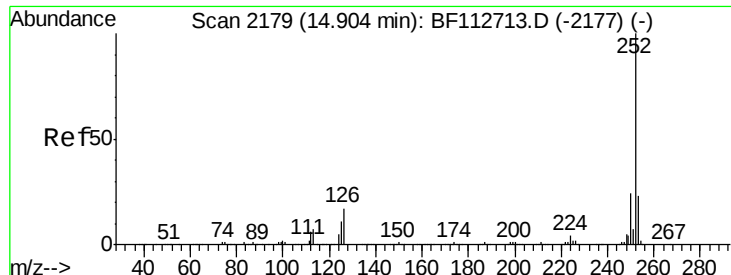


#88
Benzo(b)fluoranthene
Concen: 41.908 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Tgt Ion:252 Resp: 1149539

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	10.3	10.2	15.2

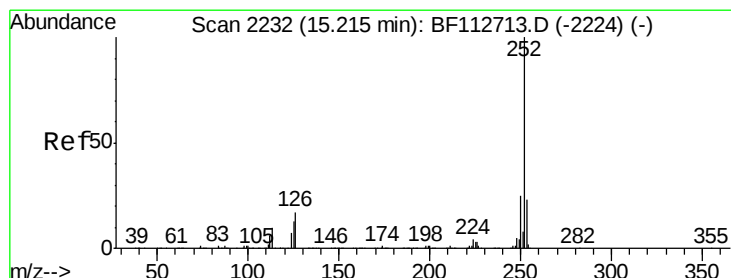
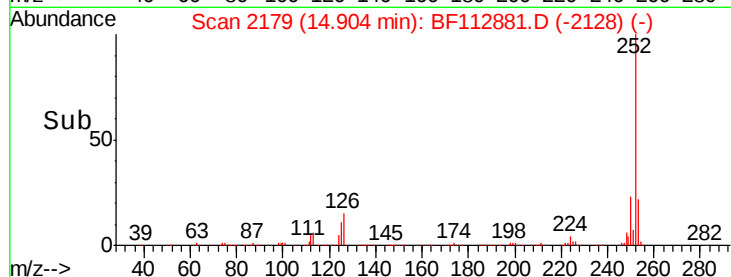
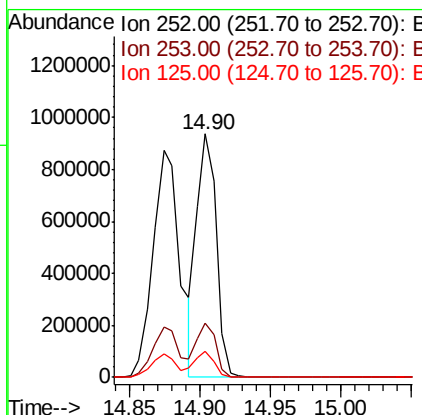
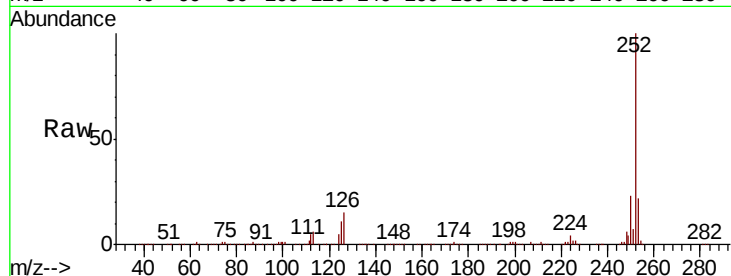




#89
Benzo(k)fluoranthene
Concen: 36.224 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

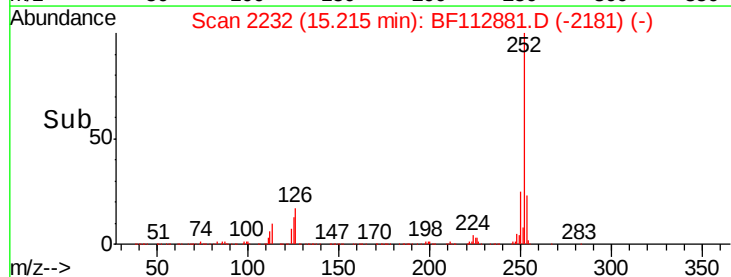
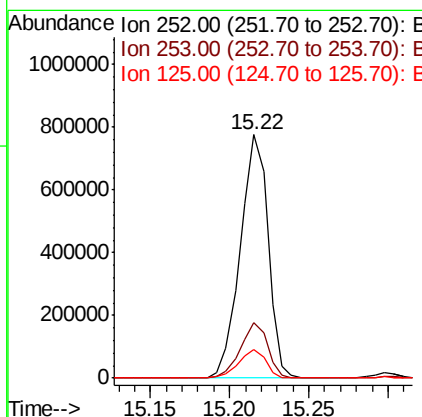
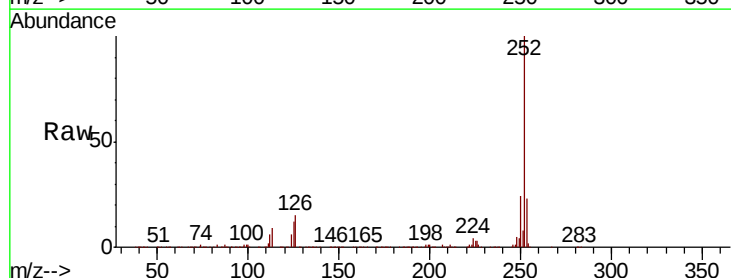
Instrument :
BNA_E
ClientSampleId :

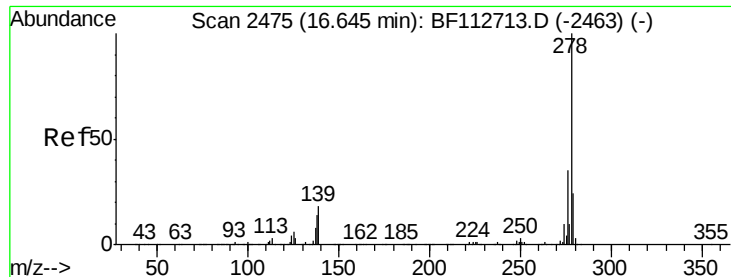
Tot Ion:252 Resp: 900027
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 10.7 9.8 14.6



#90
Benzo(a)pyrene
Concen: 38.979 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112881.D
Acq: 6 Mar 2019 13:15

Tgt Ion:252 Resp: 945725
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 11.5 10.7 16.1





#91

Dibenzo(a,h)anthracene

Concen: 44.677 ng

RT: 16.65 min Scan# 2476

Delta R.T. 0.01 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

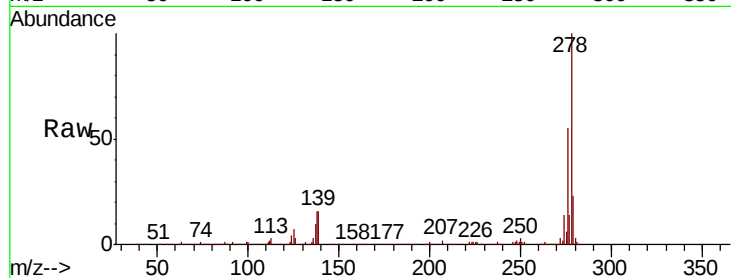
Instrument :

BNA_E

ClientSampleId :

Tot Ion:278 Resp: 924987

Ion	Ratio	Lower	Upper
278	100		
139	15.7	14.3	21.5
279	23.3	19.4	29.0

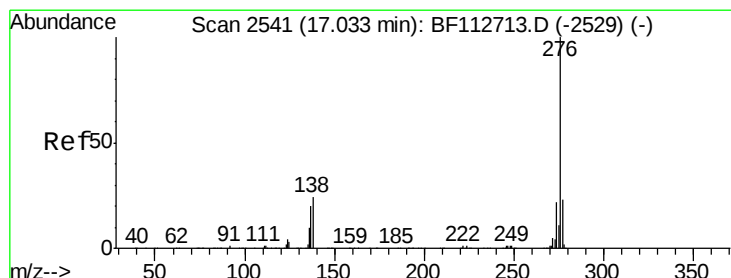
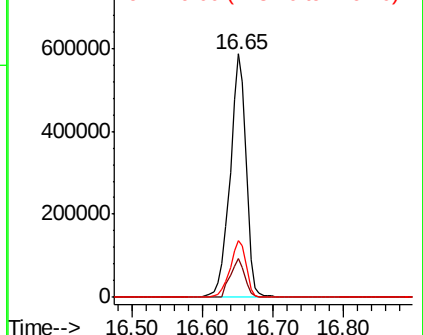
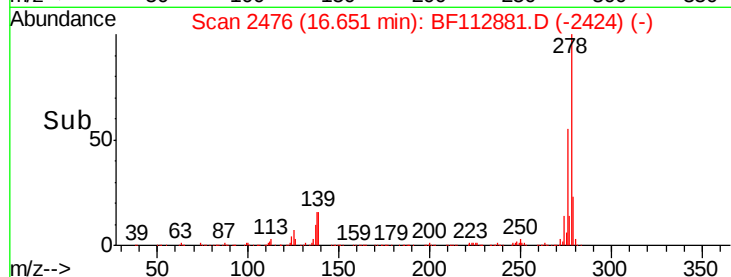


Abundance

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: 45.763 ng

RT: 17.04 min Scan# 2543

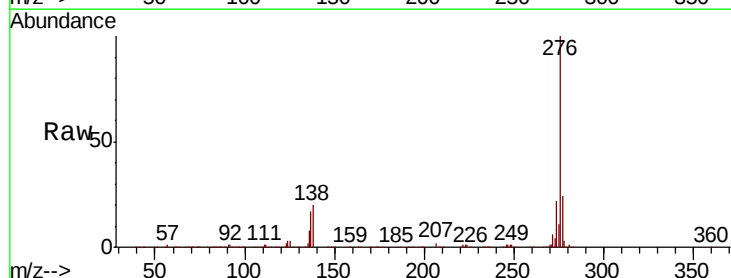
Delta R.T. 0.01 min

Lab File: BF112881.D

Acq: 6 Mar 2019 13:15

Tgt Ion:276 Resp: 951374

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	20.2	19.4	29.0



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

