

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
 Data File : BF112771.D
 Acq On : 28 Feb 2019 19:56
 Operator : JU/SJ
 Sample : K1650-11MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)MS

Quant Time: Mar 01 04:51:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	207327	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	760733	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	342234	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	605586	20.00	ng	0.00
76) Chrysene-d12	13.88	240	379522	20.00	ng	0.00
87) Perylene-d12	15.29	264	483820	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1456807	109.30	ng	0.02
7) Phenol-d6	6.39	99	1886977	112.71	ng	0.02
23) Nitrobenzene-d5	7.31	82	1170473	92.07	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	478030	131.57	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1944051	99.78	ng	0.00
79) Terphenyl-d14	12.83	244	1624075	82.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	212092	31.745	ng	98
3) Pyridine	3.19	79	574112	32.120	ng	99
4) n-Nitrosodimethylamine	3.10	42	283282	36.230	ng	99
6) Aniline	6.41	93	821614	35.651	ng	99
8) 2-Chlorophenol	6.53	128	560299	37.764	ng	96
9) Benzaldehyde	6.29	77	251245	20.827	ng	98
10) Phenol	6.40	94	746102	38.189	ng	89
11) bis(2-Chloroethyl)ether	6.49	93	558067	37.215	ng	96
12) 1,3-Dichlorobenzene	6.69	146	595888	38.879	ng	99
13) 1,4-Dichlorobenzene	6.76	146	600072	39.040	ng	99
14) 1,2-Dichlorobenzene	6.92	146	552514	39.212	ng	97
15) Benzyl Alcohol	6.89	79	500565	39.209	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	910687	36.390	ng	99
17) 2-Methylphenol	7.00	107	464046	38.554	ng	97
18) Hexachloroethane	7.26	117	225558	38.309	ng	92
19) n-Nitroso-di-n-propylamine	7.16	70	386523	36.452	ng	98
20) 3+4-Methylphenols	7.16	107	524498	38.598	ng	97
22) Acetophenone	7.16	105	742023	41.715	ng	# 99
24) Nitrobenzene	7.33	77	601608	42.517	ng	98
25) Isophorone	7.57	82	1088684	39.749	ng	99
26) 2-Nitrophenol	7.65	139	305154	51.806	ng	97
27) 2,4-Dimethylphenol	7.69	122	488883	44.613	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	699169	40.830	ng	99
29) 2,4-Dichlorophenol	7.89	162	464744	43.733	ng	96
30) 1,2,4-Trichlorobenzene	7.97	180	502378	43.997	ng	98
31) Naphthalene	8.05	128	1583689	41.931	ng	100
32) Benzoic acid	7.75	122	50157	6.530	ng	87
33) 4-Chloroaniline	8.09	127	586643	36.672	ng	97
34) Hexachlorobutadiene	8.17	225	285850	44.390	ng	98
35) Caprolactam	8.46	113	97300	25.996	ng	99
36) 4-Chloro-3-methylphenol	8.58	107	475672	40.447	ng	96
37) 2-Methylnaphthalene	8.74	142	1045815	42.878	ng	100
38) 1-Methylnaphthalene	8.84	142	989586	41.884	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	437695	43.858	ng	99

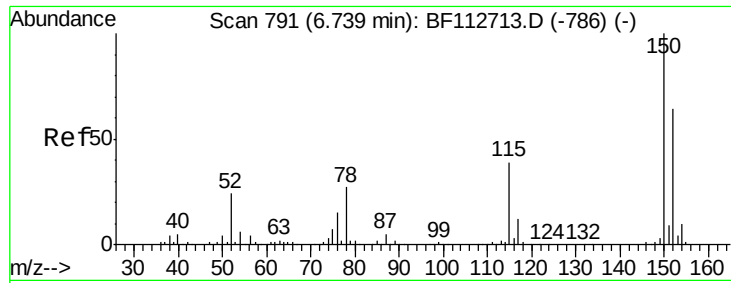
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	541344	99.057	ng	99
43) 2,4,6-Trichlorophenol	9.02	196	329245	47.936	ng	100
44) 2,4,5-Trichlorophenol	9.06	196	340444	45.857	ng	96
46) 1,1'-Biphenyl	9.20	154	1231967	44.134	ng	99
47) 2-Chloronaphthalene	9.23	162	965365	44.290	ng	97
48) 2-Nitroaniline	9.32	65	301894	45.567	ng	97
49) Acenaphthylene	9.64	152	1524976	41.212	ng	99
50) Dimethylphthalate	9.50	163	1190049	47.159	ng	100
51) 2,6-Dinitrotoluene	9.56	165	241997	46.052	ng	91
52) Acenaphthene	9.81	154	960816	44.402	ng	99
53) 3-Nitroaniline	9.72	138	237359	37.069	ng	94
54) 2,4-Dinitrophenol	9.83	184	165676	77.313	ng	95
55) Dibenzofuran	9.98	168	1316643	41.864	ng	99
56) 4-Nitrophenol	9.89	139	379312	72.889	ng	97
57) 2,4-Dinitrotoluene	9.96	165	308781	47.273	ng	# 84
58) Fluorene	10.32	166	927483	41.550	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	271651	43.919	ng	97
60) Diethylphthalate	10.20	149	1063326	39.897	ng	98
61) 4-Chlorophenyl-phenylether	10.32	204	458777	44.174	ng	97
62) 4-Nitroaniline	10.33	138	230724	38.994	ng	98
63) Azobenzene	10.47	77	1045761	38.308	ng	97
65) 4,6-Dinitro-2-methylphenol	10.37	198	122795	49.220	ng	78
66) n-Nitrosodiphenylamine	10.43	169	867137	44.648	ng	100
67) 4-Bromophenyl-phenylether	10.80	248	299643	46.976	ng	93
68) Hexachlorobenzene	10.87	284	339315	47.190	ng	# 91
69) Atrazine	10.96	200	236550	39.768	ng	100
70) Pentachlorophenol	11.06	266	335309	79.231	ng	98
71) Phenanthrene	11.28	178	1322799	43.903	ng	99
72) Anthracene	11.33	178	1360040	43.121	ng	99
73) Carbazole	11.48	167	1167287	37.939	ng	100
74) Di-n-butylphthalate	11.82	149	1511015	40.958	ng	100
75) Fluoranthene	12.46	202	1281523	39.699	ng	99
77) Benzidine	12.58	184	797782	40.517	ng	99
78) Pyrene	12.69	202	1287685	40.247	ng	99
80) Butylbenzylphthalate	13.31	149	579133	41.008	ng	95
81) Benzo(a)anthracene	13.87	228	1073409	40.809	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	439433	44.173	ng	99
83) Chrysene	13.90	228	1054401	40.924	ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	699996	42.257	ng	99
85) Di-n-octyl phthalate	14.48	149	1335866	46.964	ng	98
86) Indeno(1,2,3-cd)pyrene	16.66	276	1549039	70.522	ng	96
88) Benzo(b)fluoranthene	14.89	252	1235435	39.477	ng	# 97
89) Benzo(k)fluoranthene	14.89	252	1235435	43.583	ng	98
90) Benzo(a)pyrene	15.23	252	1196496	43.225	ng	98
91) Dibenzo(a,h)anthracene	16.68	278	1268370	53.698	ng	98
92) Benzo(g,h,i)perylene	17.07	276	1336131	56.334	ng	96

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

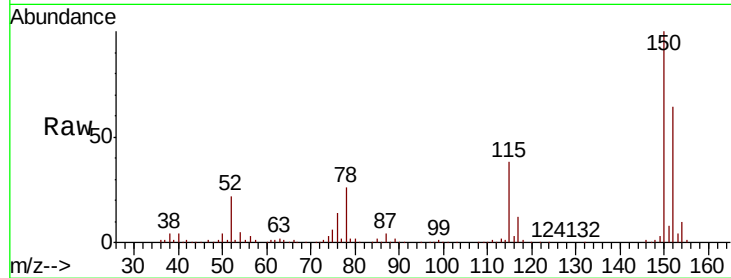


#1

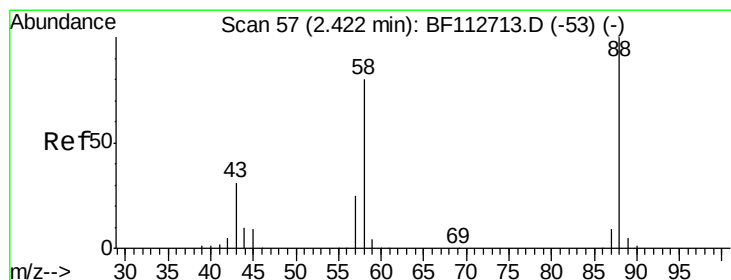
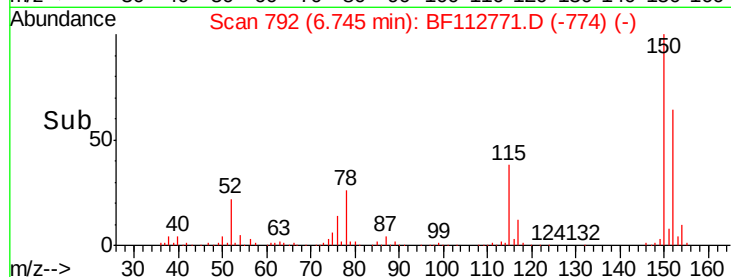
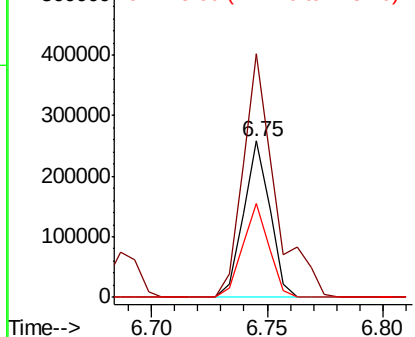
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tgt Ion:152 Resp: 207327
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 59.8 48.2 72.4



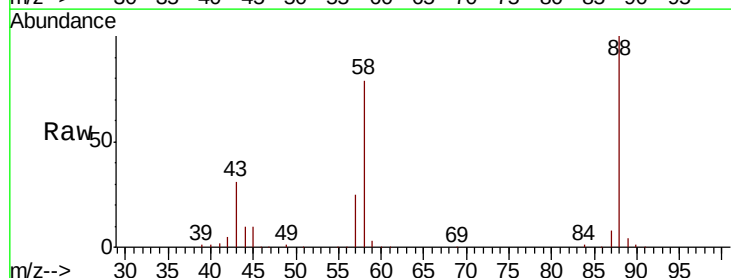
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



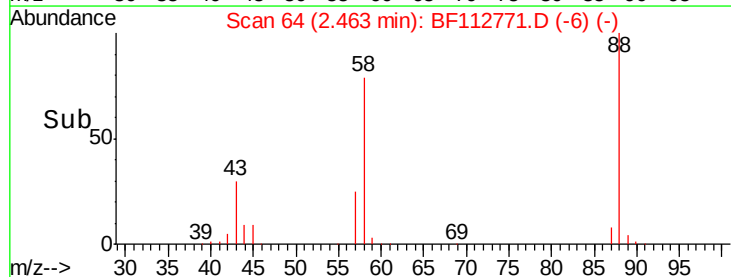
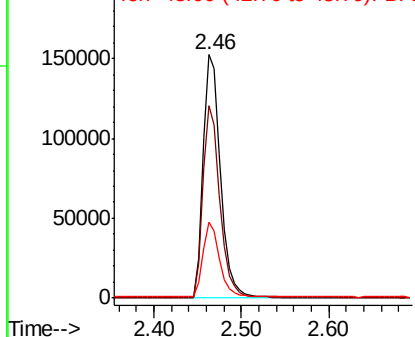
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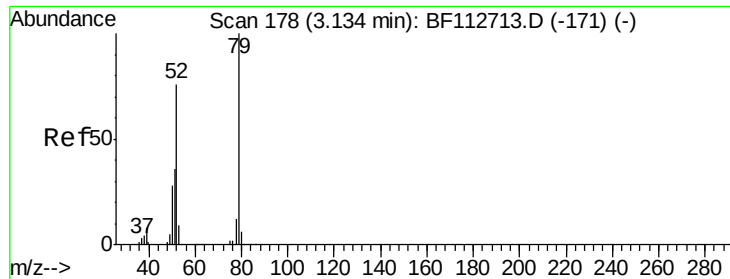
1,4-Dioxane
Concen: 31.745 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.04 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion: 88 Resp: 212092
Ion Ratio Lower Upper
88 100
58 76.7 63.1 94.7
43 29.1 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

Pyridine

Concen: 32.120 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.05 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)MS

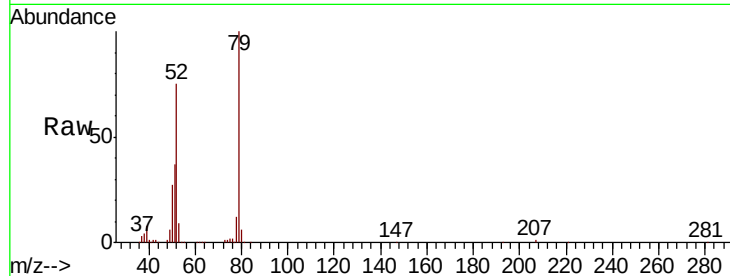
Tgt Ion: 79 Resp: 574112

Ion Ratio Lower Upper

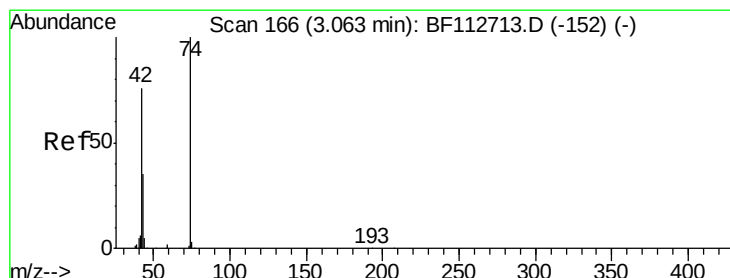
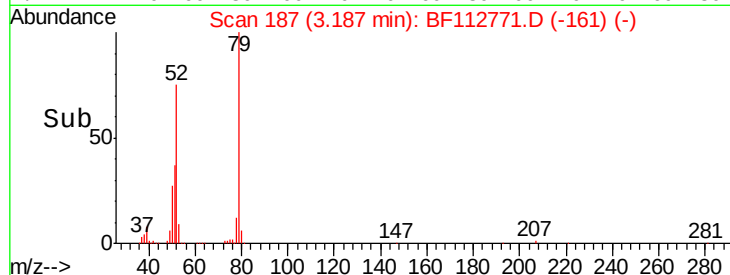
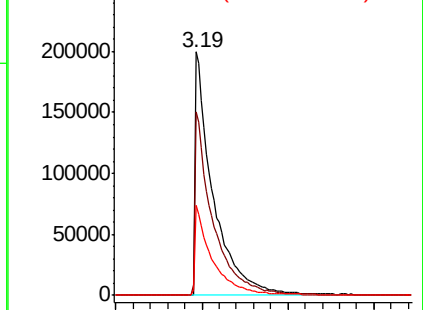
79 100

52 75.5 60.5 90.7

51 37.1 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: 36.230 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.04 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

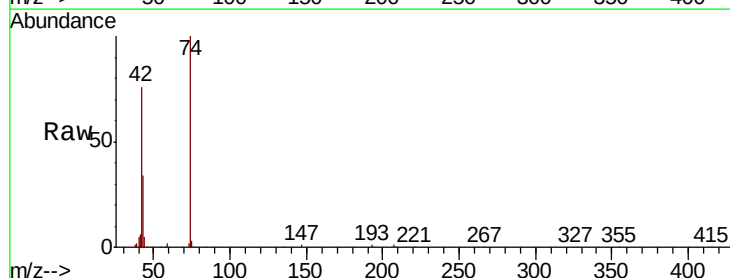
Tgt Ion: 42 Resp: 283282

Ion Ratio Lower Upper

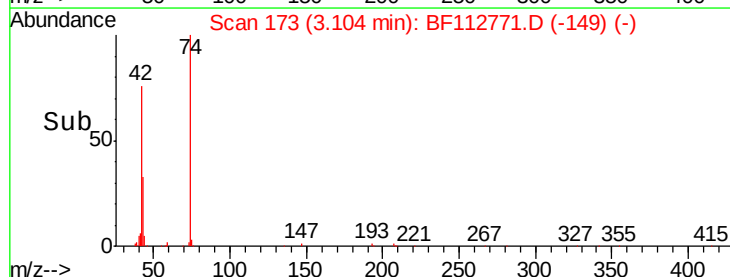
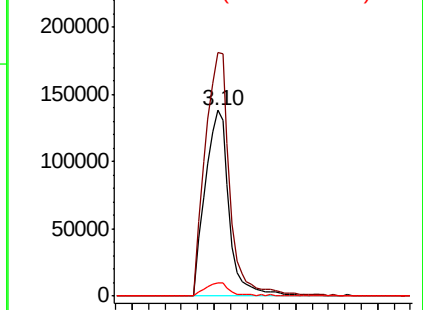
42 100

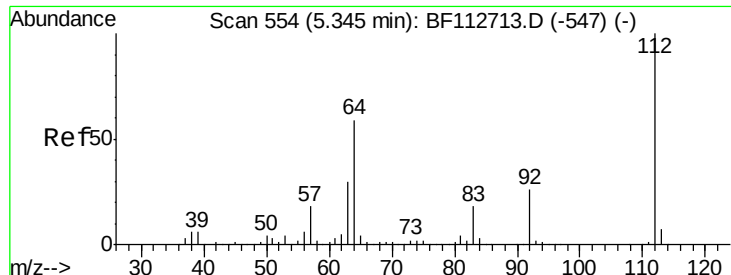
74 131.3 105.8 158.8

44 6.9 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: 109.302 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)MS

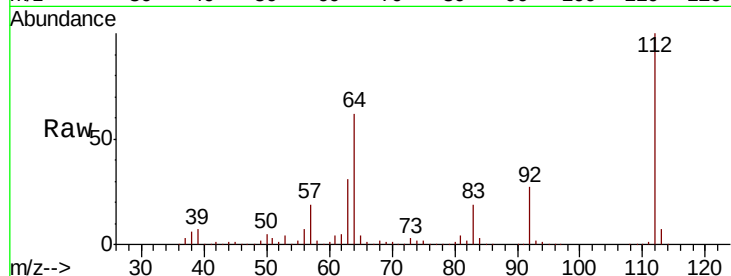
Tgt Ion:112 Resp: 1456807

Ion Ratio Lower Upper

112 100

64 61.7 47.6 71.4

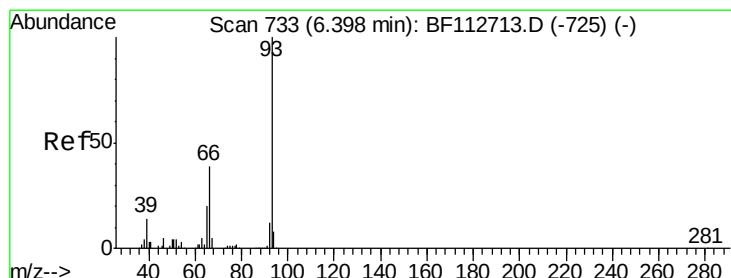
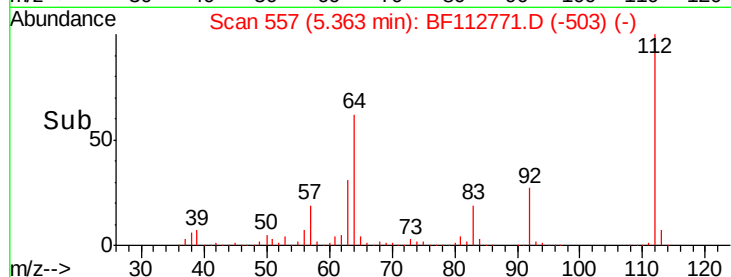
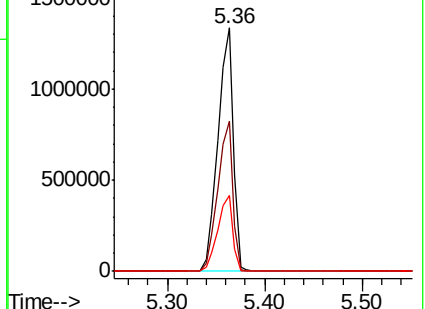
63 31.3 24.4 36.6



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: 35.651 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

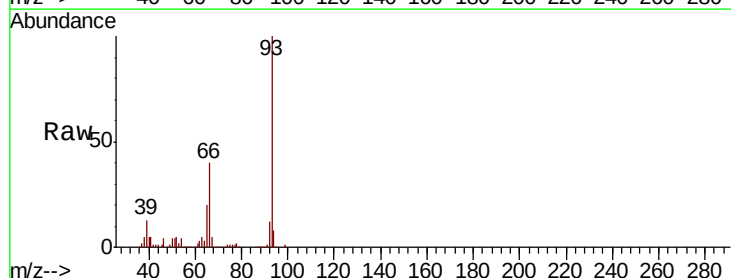
Tgt Ion: 93 Resp: 821614

Ion Ratio Lower Upper

93 100

66 39.8 32.2 48.2

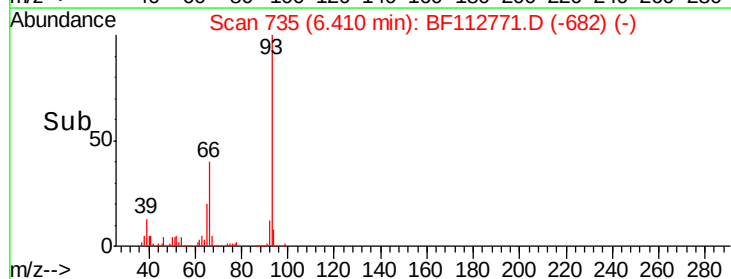
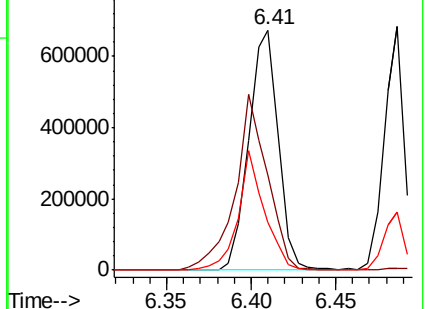
65 19.9 16.2 24.4

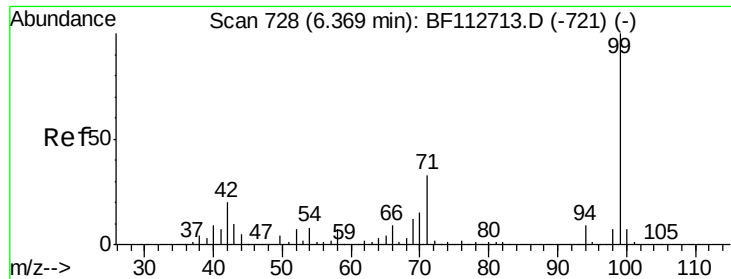


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.706 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.02 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

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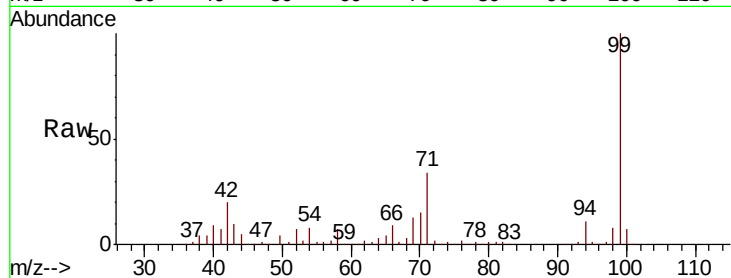
Tgt Ion: 99 Resp: 1886977

Ion Ratio Lower Upper

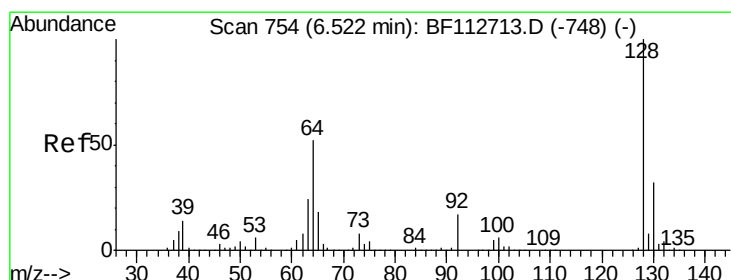
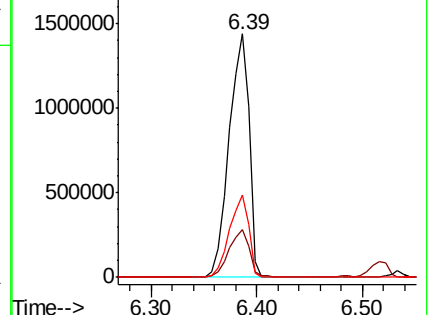
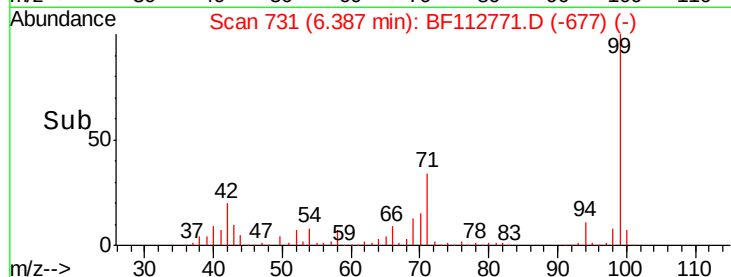
99 100

42 19.7 16.3 24.5

71 33.6 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: 37.764 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

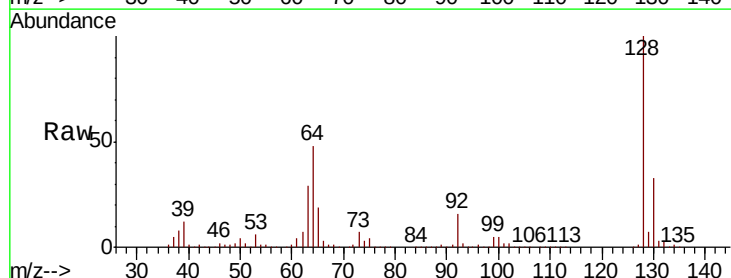
Tgt Ion: 128 Resp: 560299

Ion Ratio Lower Upper

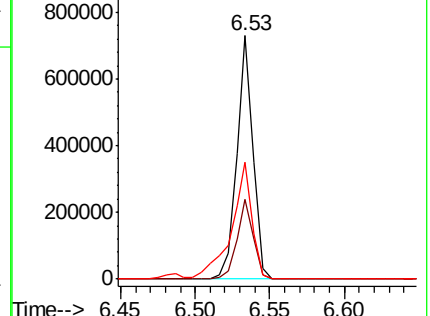
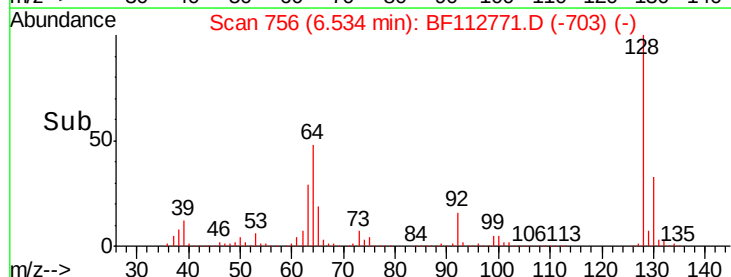
128 100

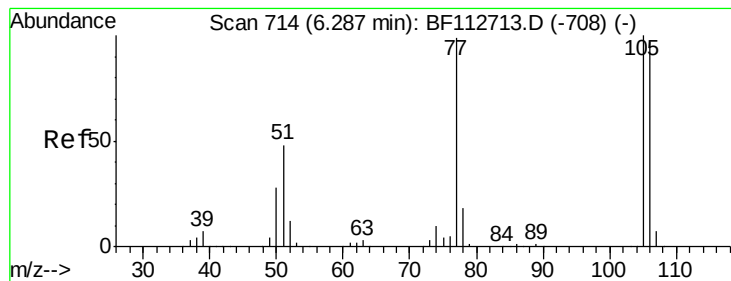
130 33.0 12.4 52.4

64 48.0 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: 20.827 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

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B-5(9-10)MS

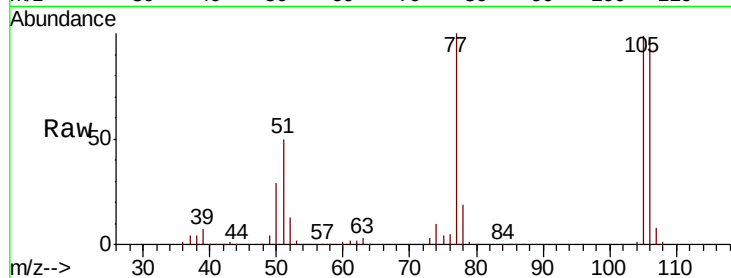
Tgt Ion: 77 Resp: 251245

Ion Ratio Lower Upper

77 100

105 98.7 81.4 121.4

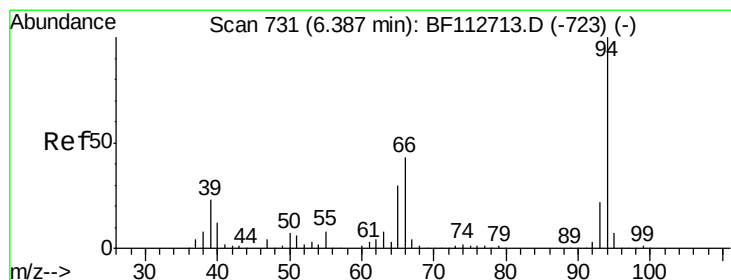
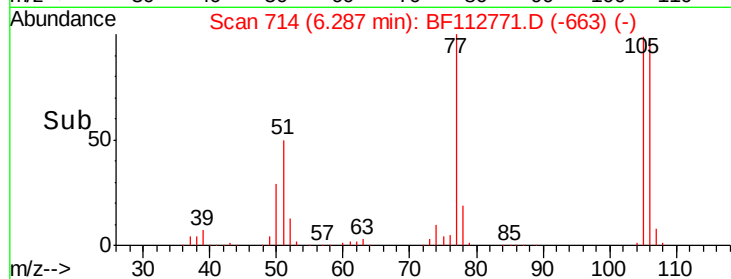
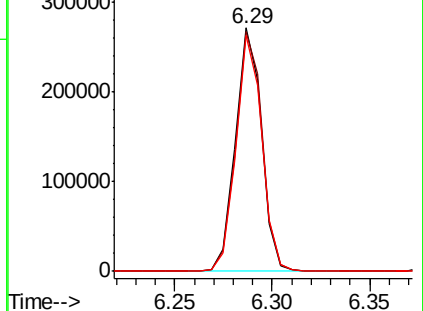
106 96.9 78.3 118.3



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: 38.189 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

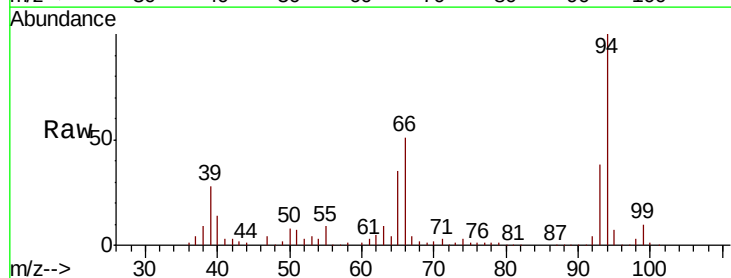
Tgt Ion: 94 Resp: 746102

Ion Ratio Lower Upper

94 100

65 34.9 10.5 50.5

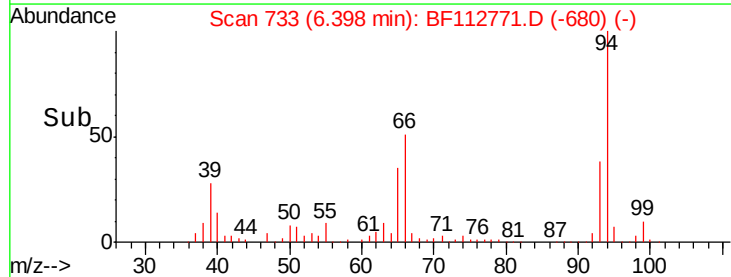
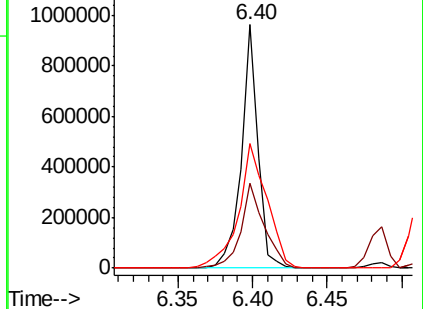
66 51.2 22.6 62.6

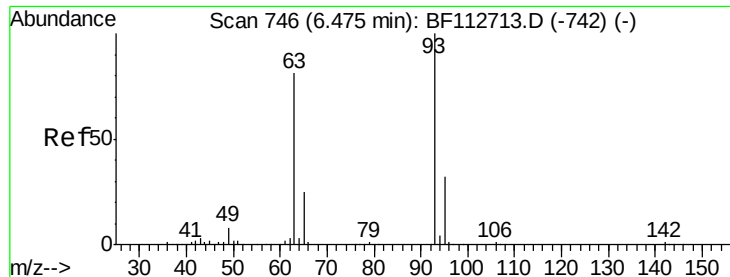


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

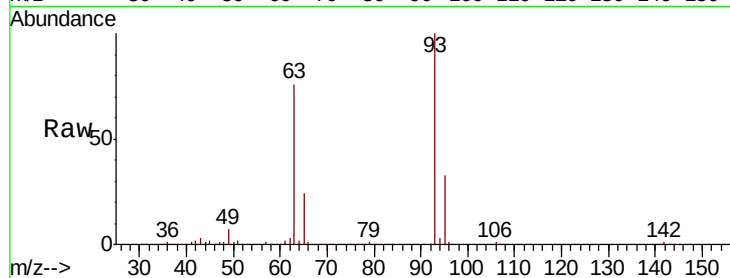




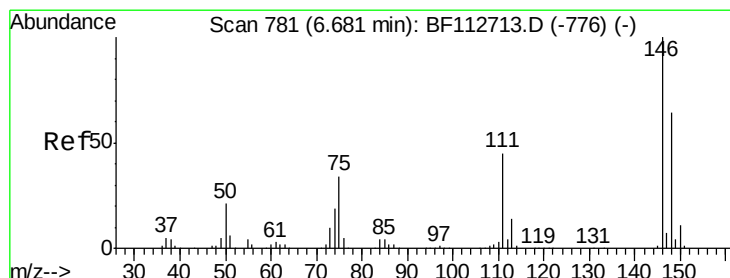
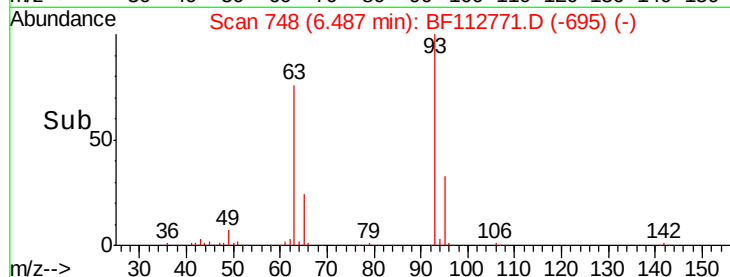
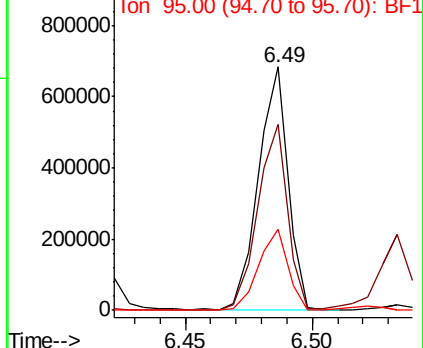
#11
bis(2-Chloroethyl)ether
Concen: 37.215 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tgt Ion: 93 Resp: 558067
Ion Ratio Lower Upper
93 100
63 76.5 60.5 100.5
95 33.3 12.1 52.1

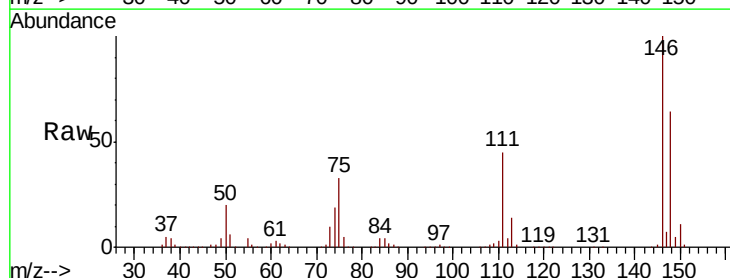


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

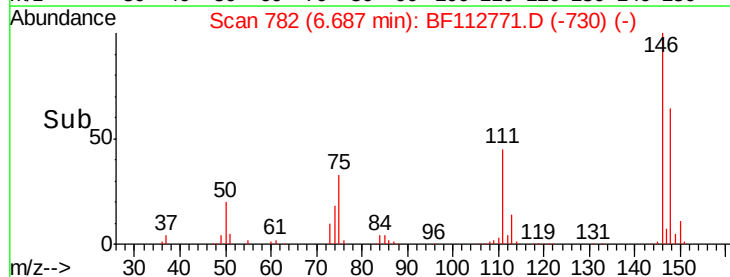
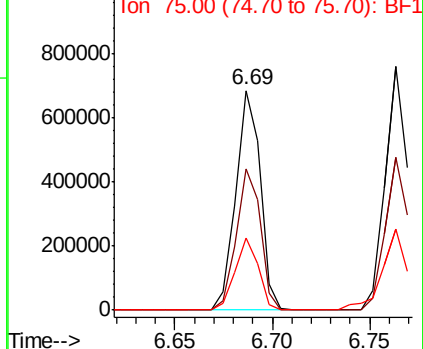


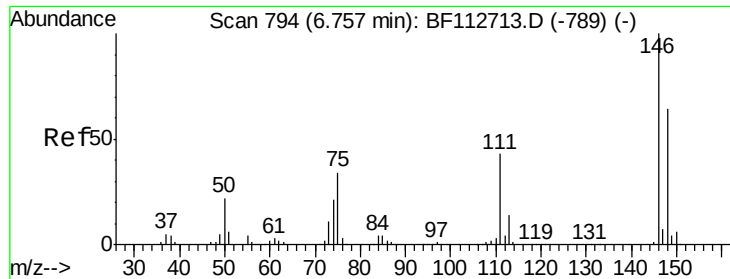
#12
1,3-Dichlorobenzene
Concen: 38.879 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion: 146 Resp: 595888
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
75 33.0 26.9 40.3



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

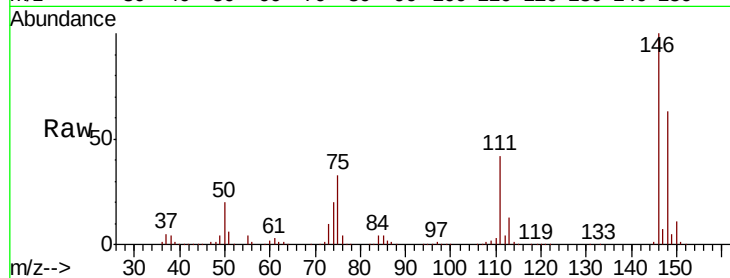




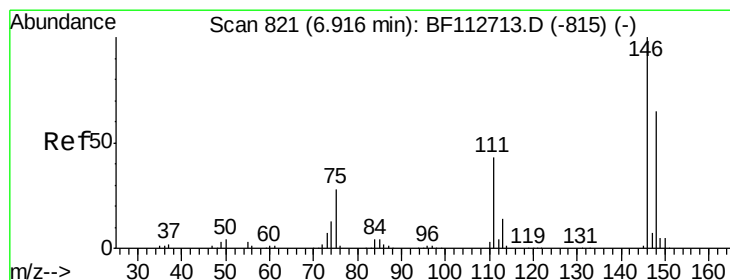
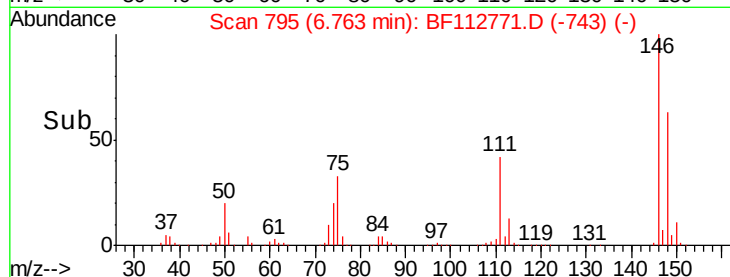
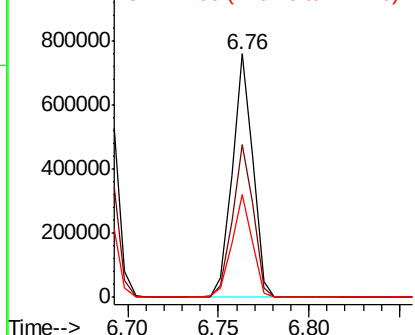
#13
 1,4-Dichlorobenzene
 Concen: 39.040 ng
 RT: 6.76 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)MS

Tgt Ion:146 Resp: 600072
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.0 76.4
 111 42.5 34.5 51.7

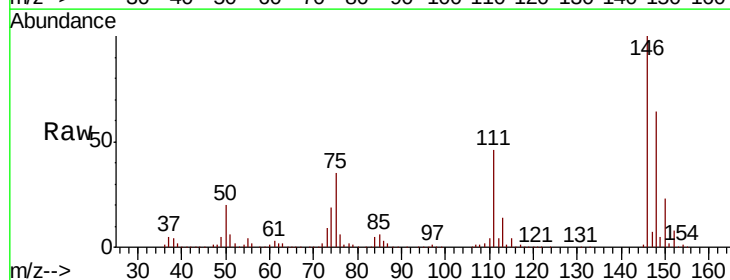


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

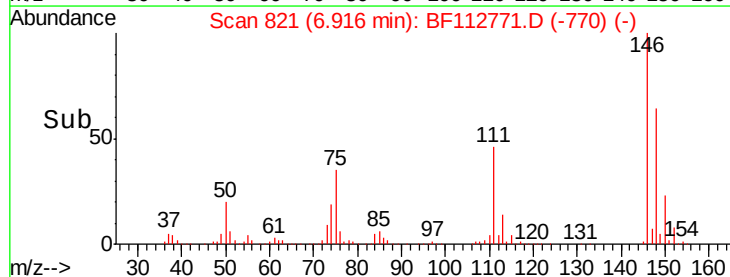
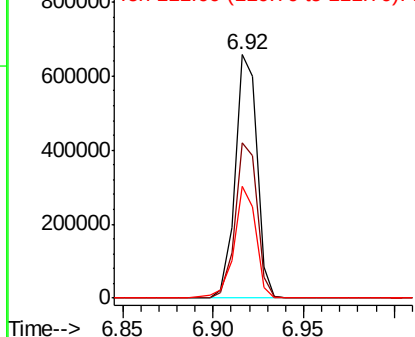


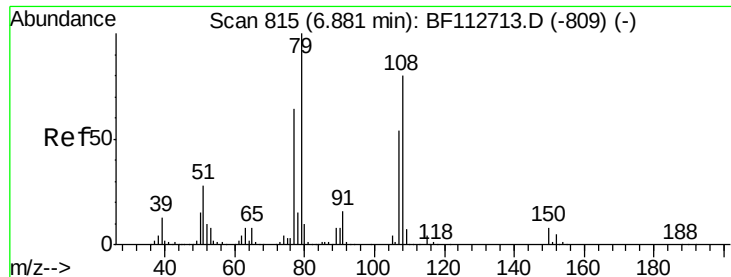
#14
 1,2-Dichlorobenzene
 Concen: 39.212 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Tgt Ion:146 Resp: 552514
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.0 78.0
 111 46.2 34.8 52.2



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





#15

Benzyl Alcohol

Concen: 39.209 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)MS

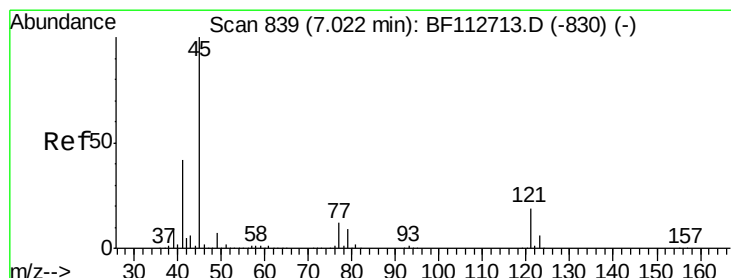
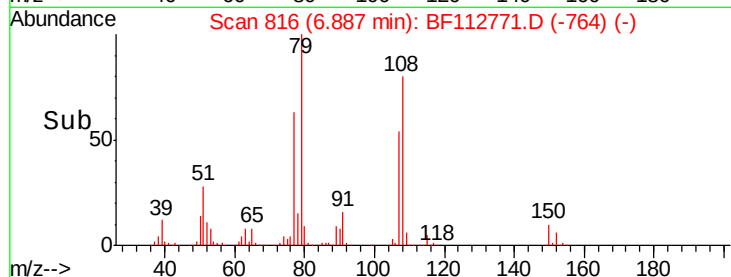
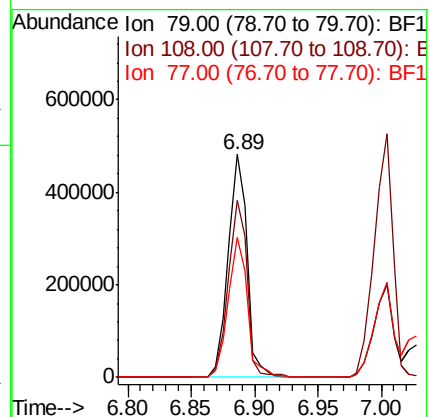
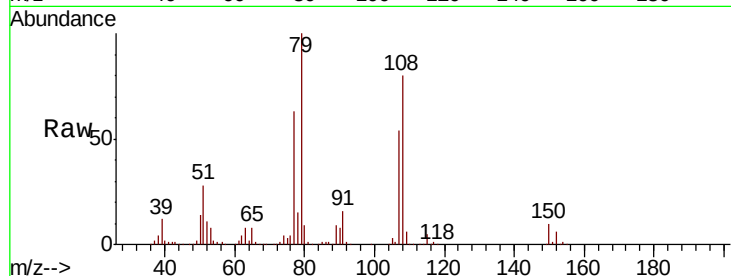
Tgt Ion: 79 Resp: 500565

Ion Ratio Lower Upper

79 100

108 79.5 64.2 96.4

77 62.9 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.390 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

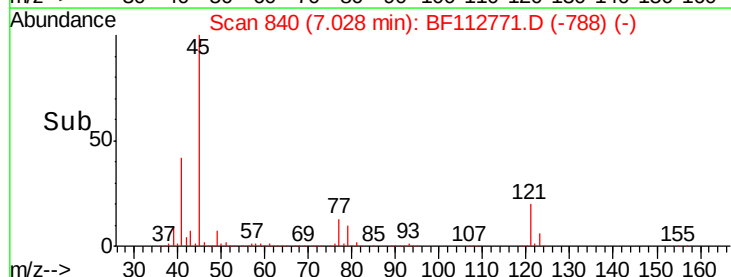
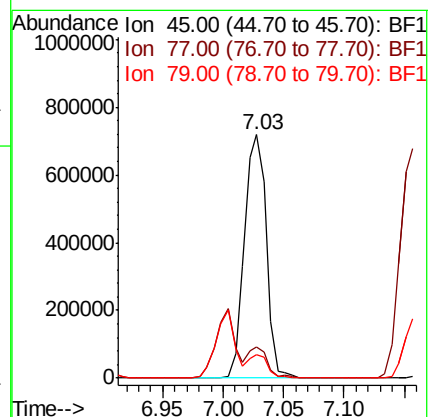
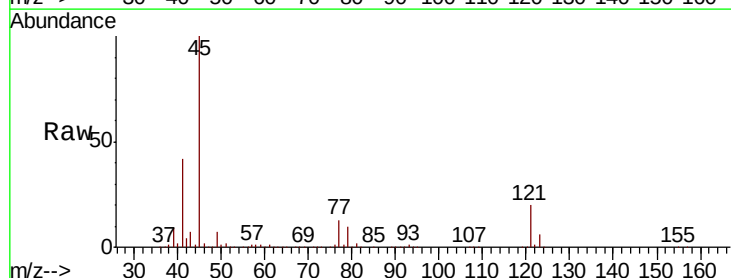
Tgt Ion: 45 Resp: 910687

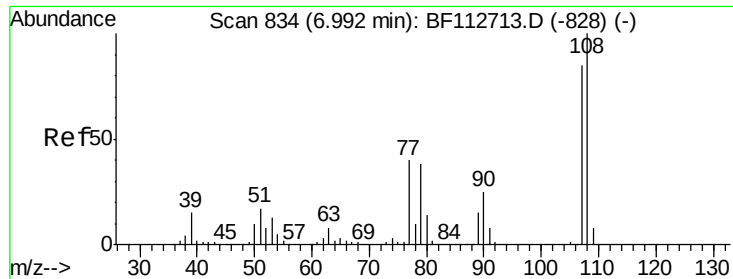
Ion Ratio Lower Upper

45 100

77 12.6 0.0 32.1

79 9.7 0.0 29.4

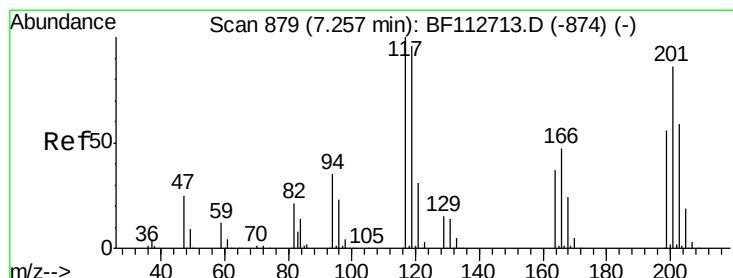
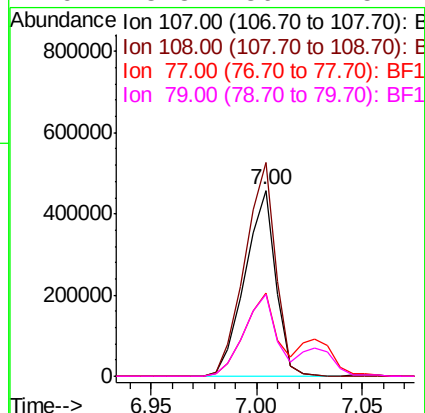
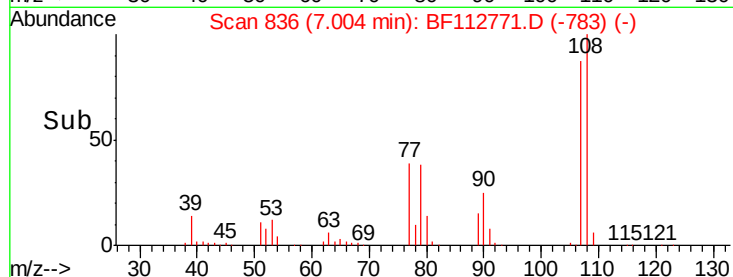
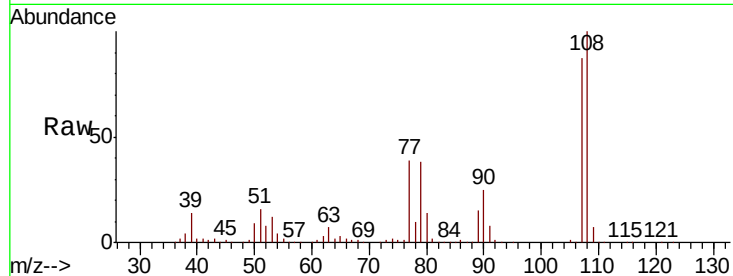




#17
2-Methylphenol
Concen: 38.554 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

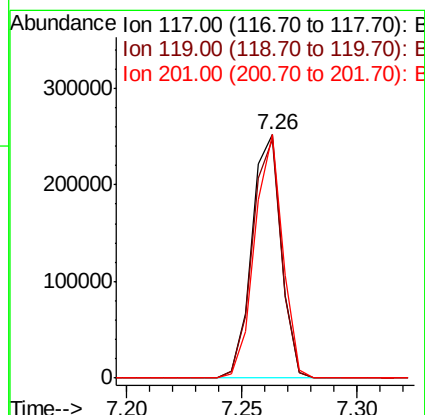
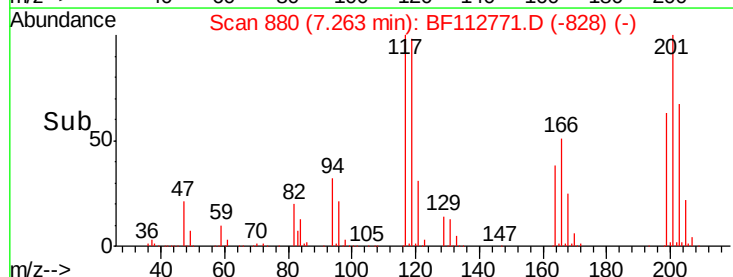
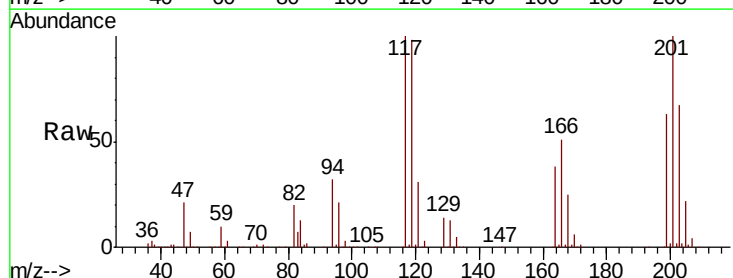
Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

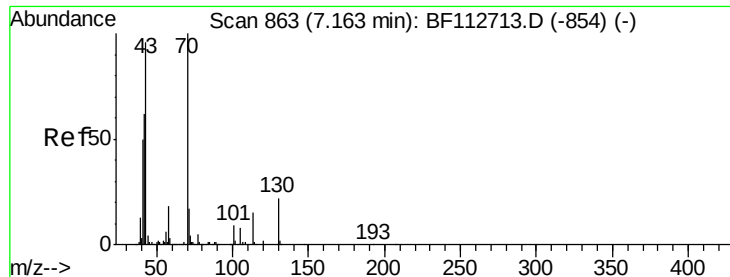
Tgt Ion:107 Resp: 464046
Ion Ratio Lower Upper
107 100
108 115.1 94.6 142.0
77 44.7 37.8 56.8
79 43.8 36.2 54.2



#18
Hexachloroethane
Concen: 38.309 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion:117 Resp: 225558
Ion Ratio Lower Upper
117 100
119 98.0 76.6 115.0
201 99.9 68.9 103.3

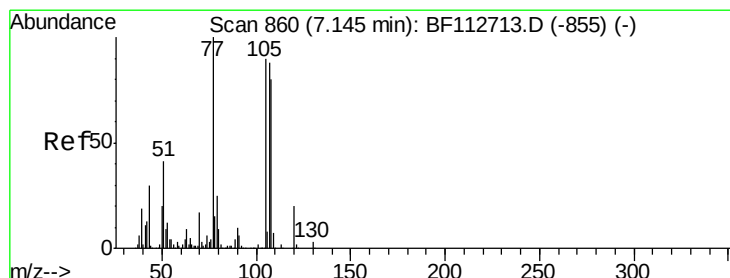
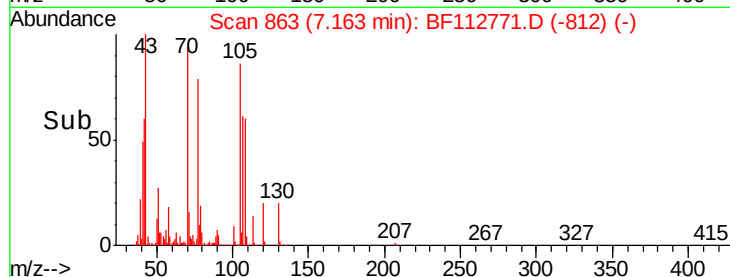
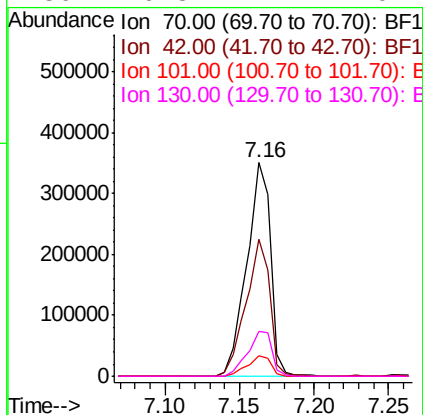
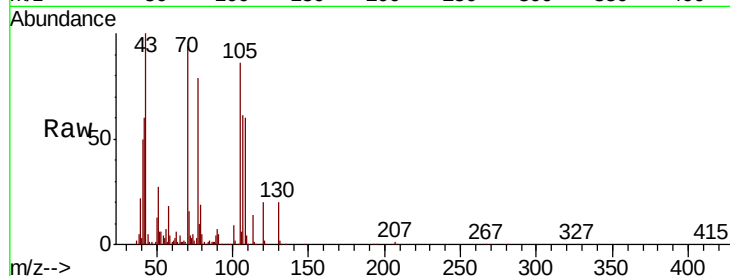




#19
n-Nitroso-di-n-propylamine
Concen: 36.452 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

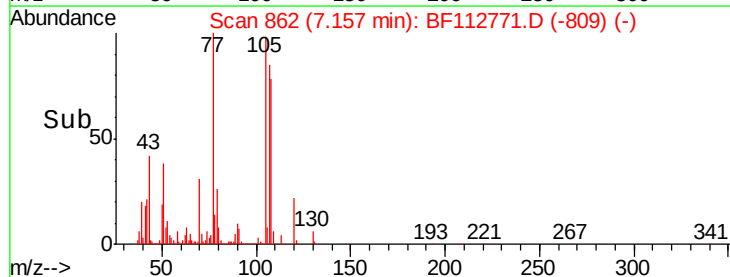
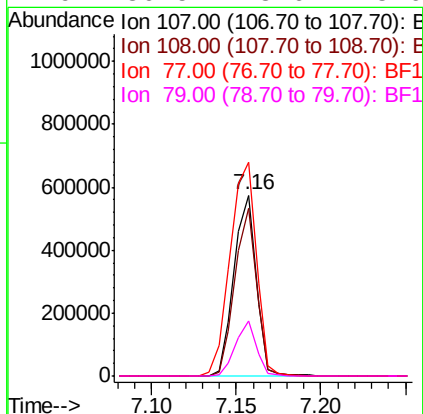
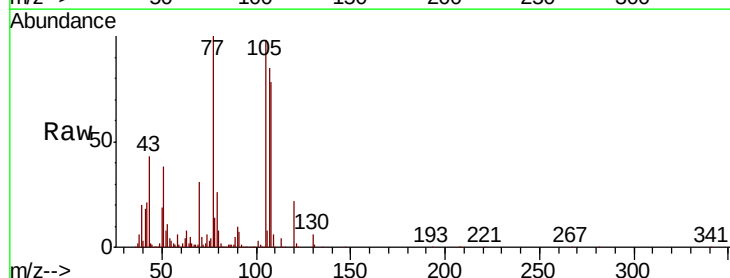
Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

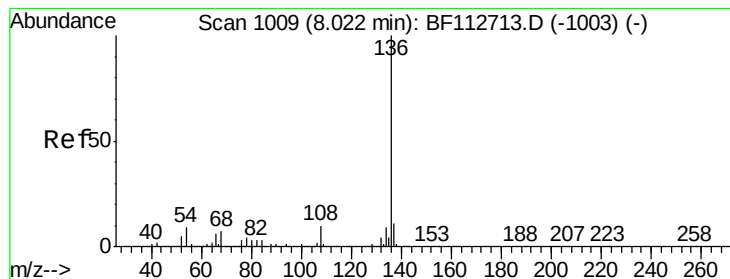
Tgt Ion:	70	Resp:	386523
Ion	Ratio	Lower	Upper
70	100		
42	64.0	49.9	74.9
101	9.4	7.4	11.2
130	20.8	17.4	26.2



#20
3+4-Methylphenols
Concen: 38.598 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion:	107	Resp:	524498
Ion	Ratio	Lower	Upper
107	100		
108	92.9	71.4	111.4
77	118.3	94.1	134.1
79	30.5	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)MS

Tgt Ion:136 Resp: 760733

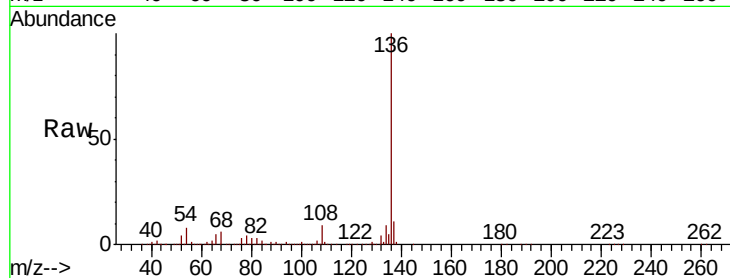
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.8 7.3 10.9

68 6.0 5.4 8.2

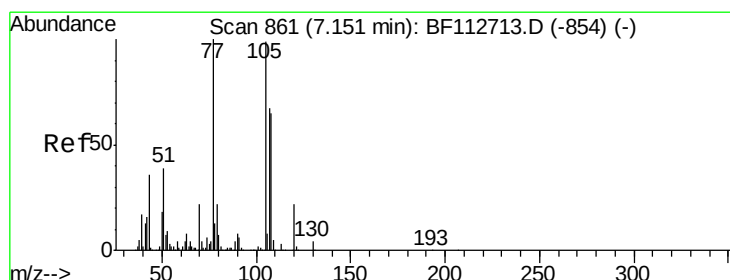
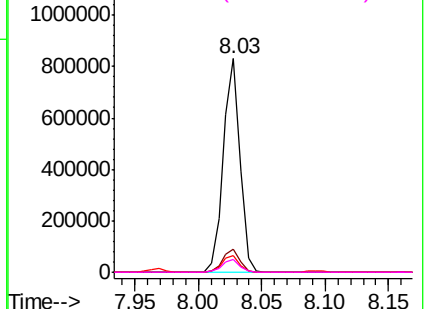
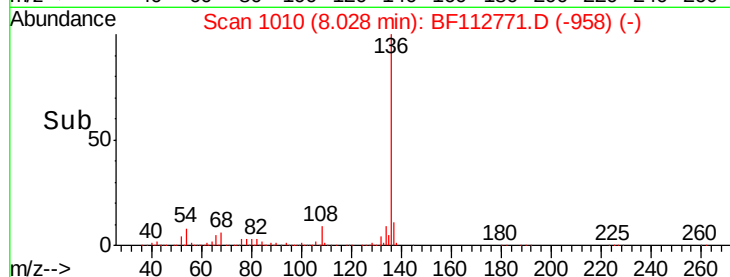


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.715 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Tgt Ion:105 Resp: 742023

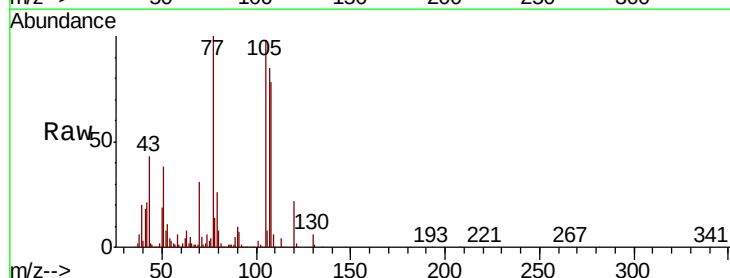
Ion Ratio Lower Upper

105 100

71 5.4 3.0 4.4#

51 39.0 31.5 47.3

120 22.7 18.1 27.1

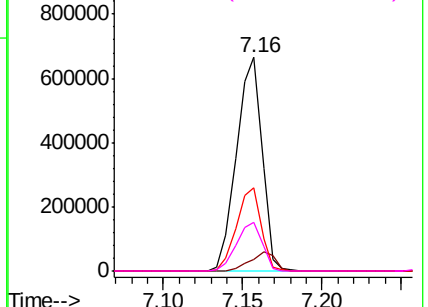
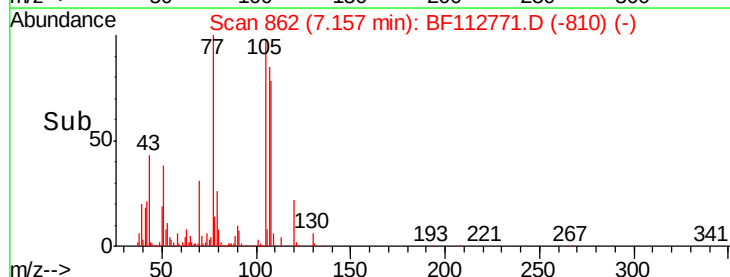


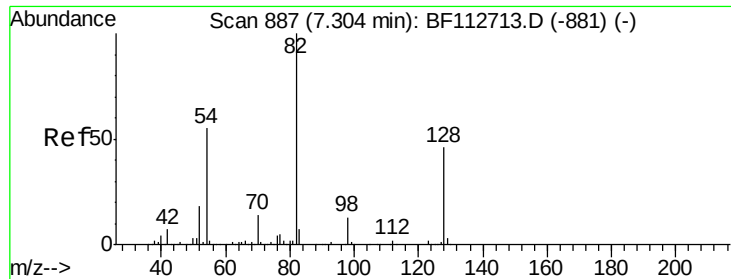
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

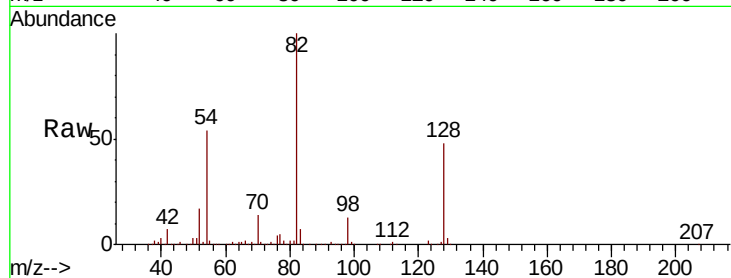




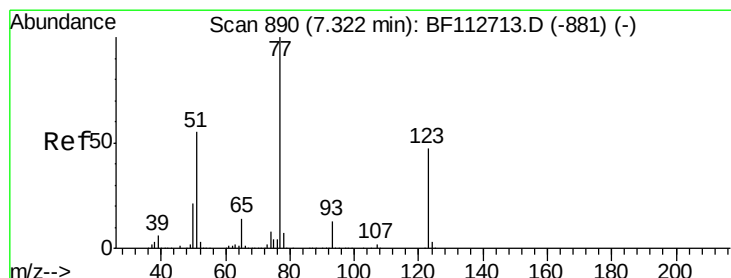
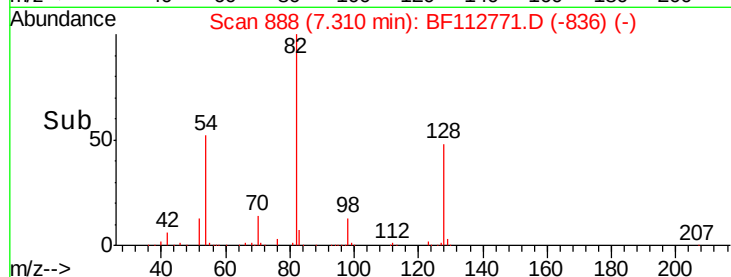
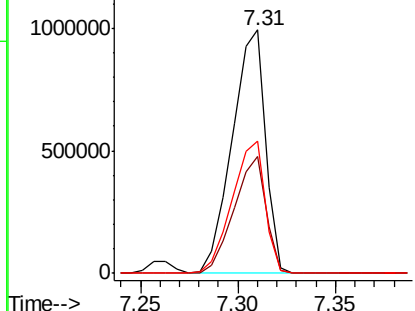
#23
 Nitrobenzene-d5
 Concen: 92.067 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)MS

Tgt Ion: 82 Resp: 1170473
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.3 54.5
 54 54.2 43.7 65.5

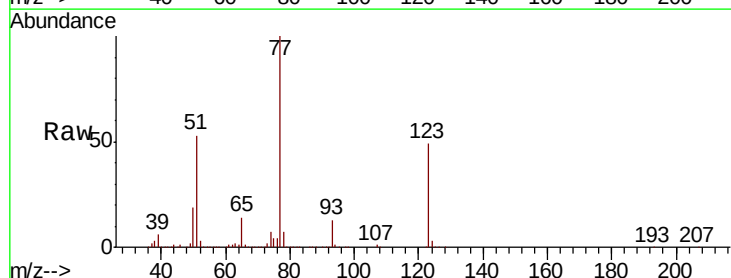


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

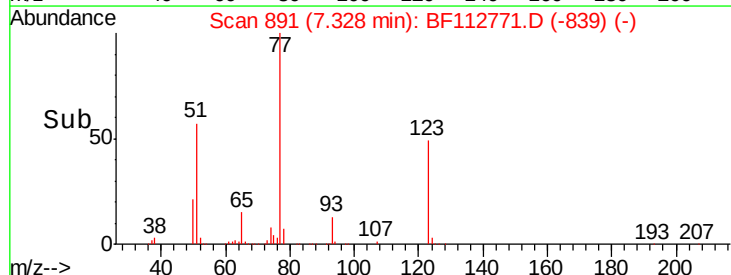
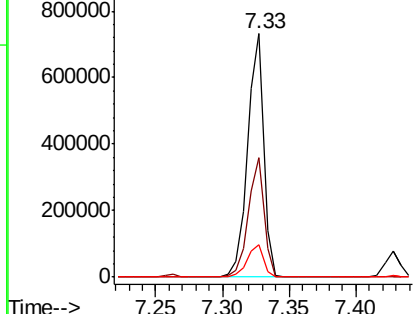


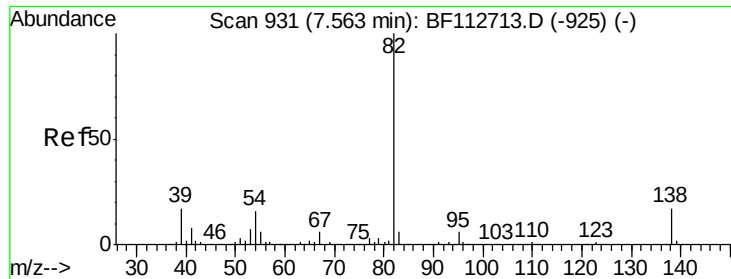
#24
 Nitrobenzene
 Concen: 42.517 ng
 RT: 7.33 min Scan# 891
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Tgt Ion: 77 Resp: 601608
 Ion Ratio Lower Upper
 77 100
 123 49.2 37.8 56.6
 65 13.6 11.1 16.7



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

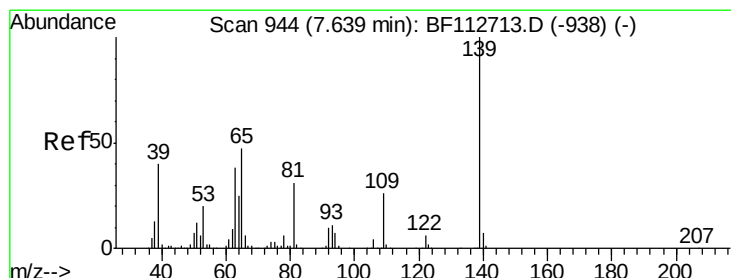
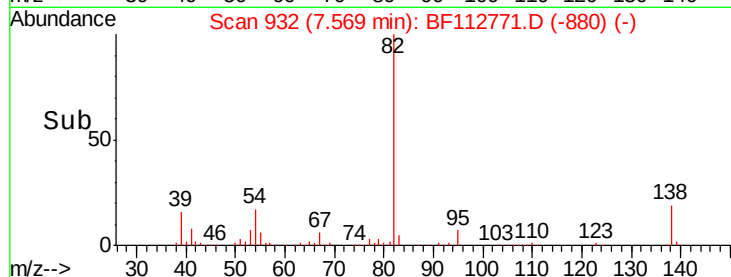
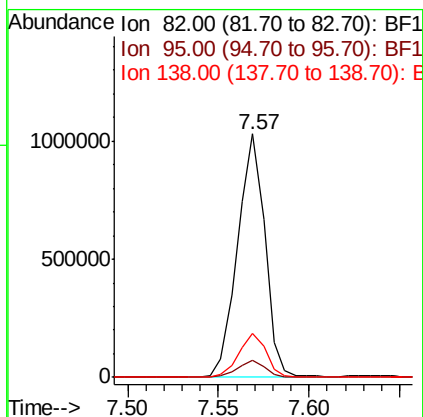
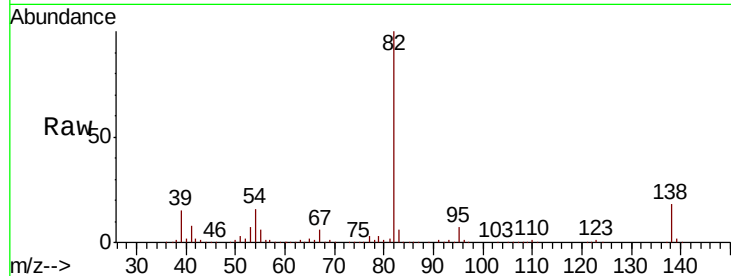




#25
Isophorone
Concen: 39.749 ng
RT: 7.57 min Scan# 932
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

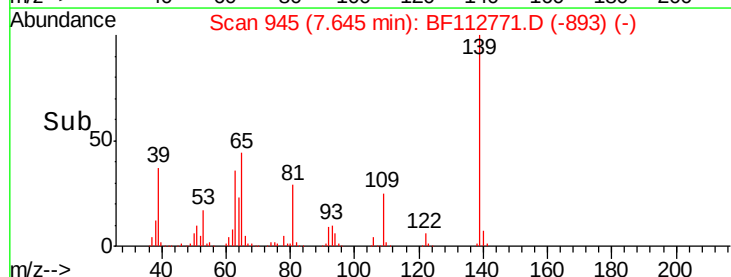
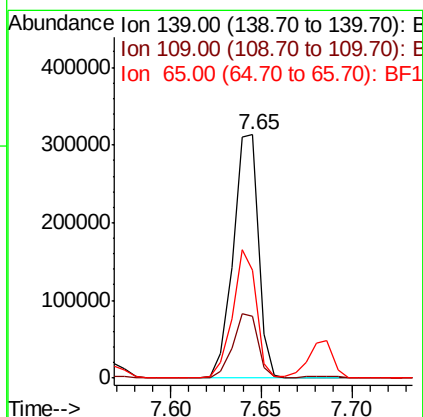
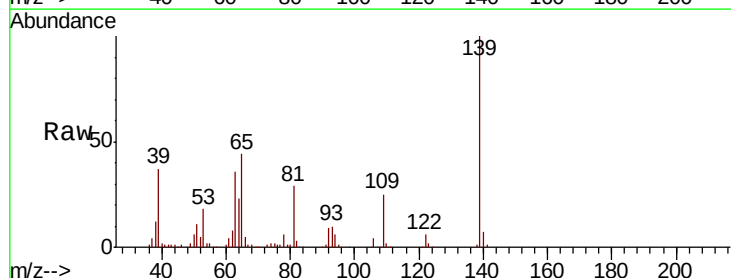
Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

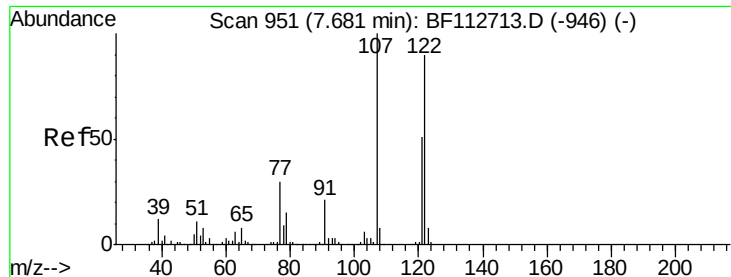
Tgt Ion: 82 Resp: 1088684
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 17.9 13.8 20.8



#26
2-Nitrophenol
Concen: 51.806 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion: 139 Resp: 305154
Ion Ratio Lower Upper
139 100
109 25.2 20.6 31.0
65 44.4 37.9 56.9

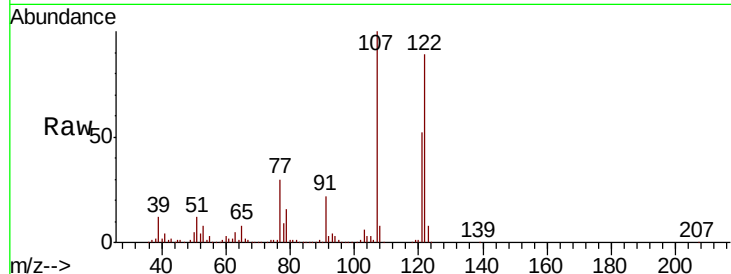




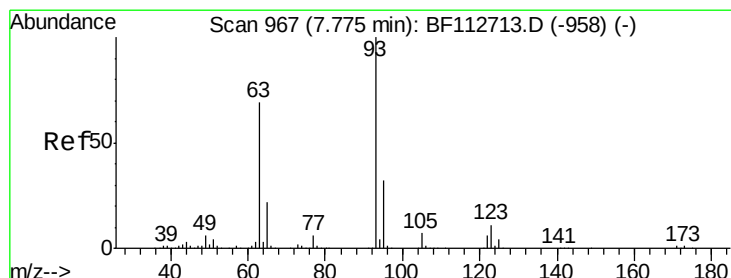
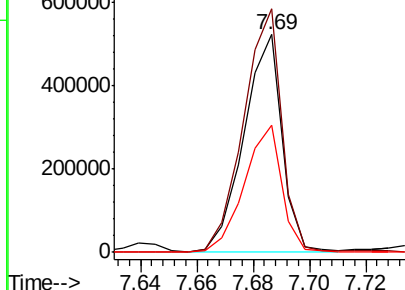
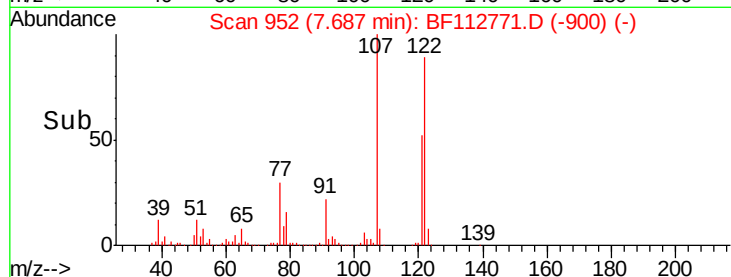
#27
 2,4-Dimethylphenol
 Concen: 44.613 ng
 RT: 7.69 min Scan# 952
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.9	89.4	134.0
121	58.7	45.5	68.3

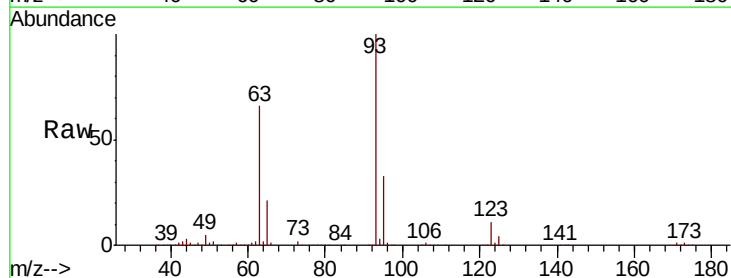


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

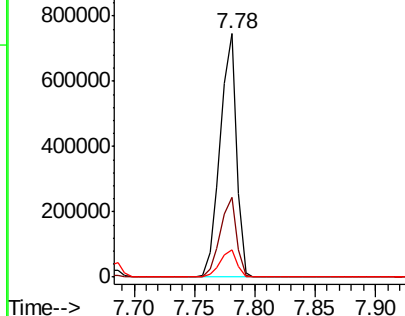
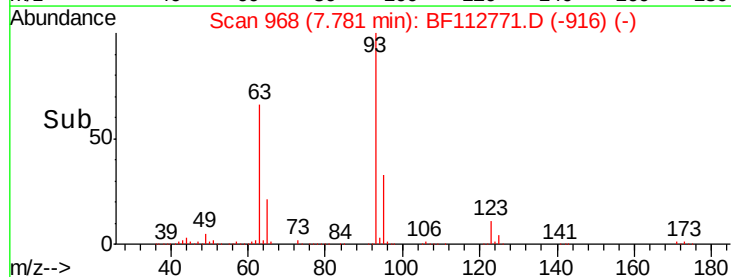


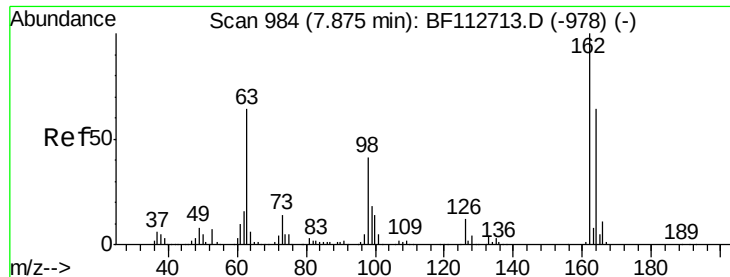
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.830 ng
 RT: 7.78 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.0	39.0
123	11.4	9.3	13.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

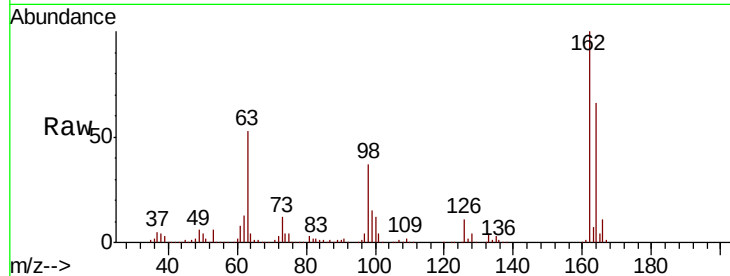




#29
2,4-Dichlorophenol
Concen: 43.733 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.0	84.0
98	36.6	20.7	60.7

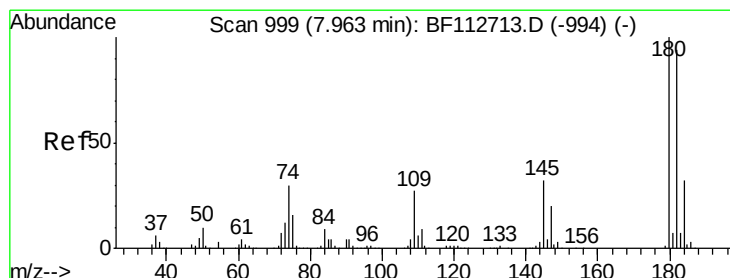
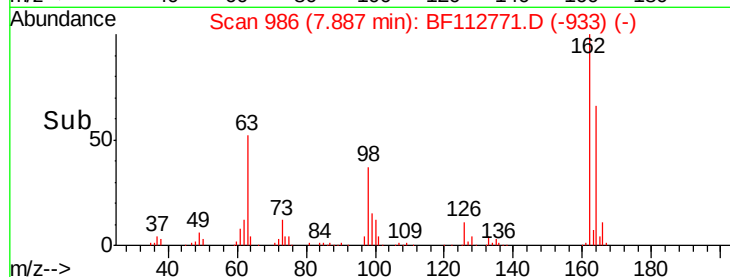
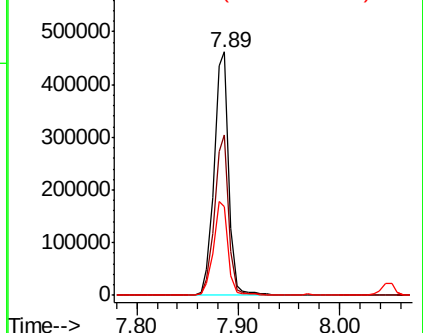


Abundance

Ion 162.00 (161.70 to 162.70): E

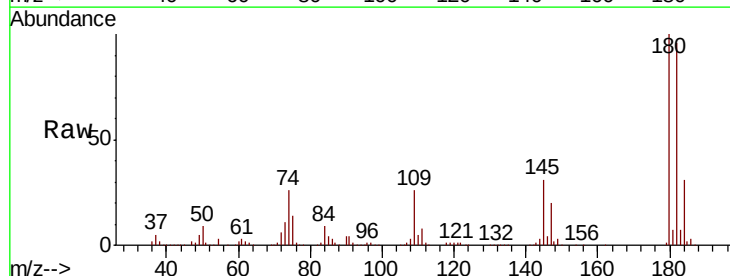
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 43.997 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.2	112.8
145	31.1	25.4	38.0

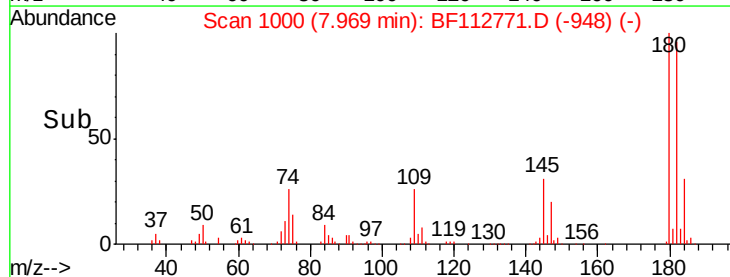
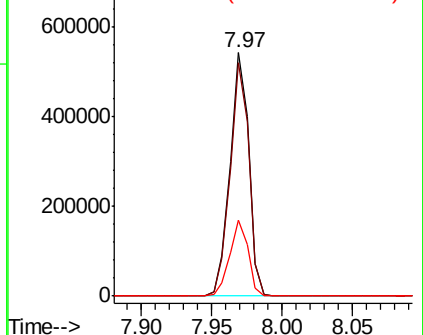


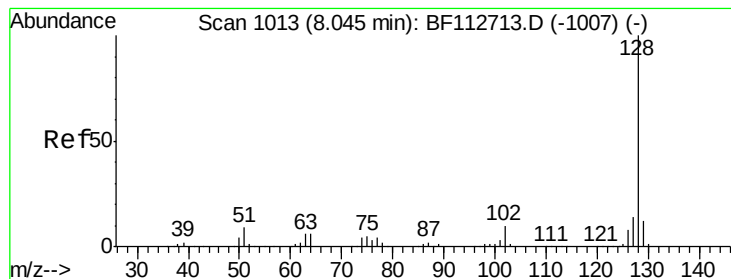
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.931 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)MS

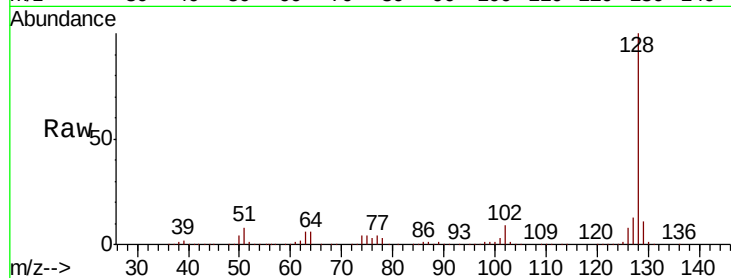
Tgt Ion:128 Resp: 1583689

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

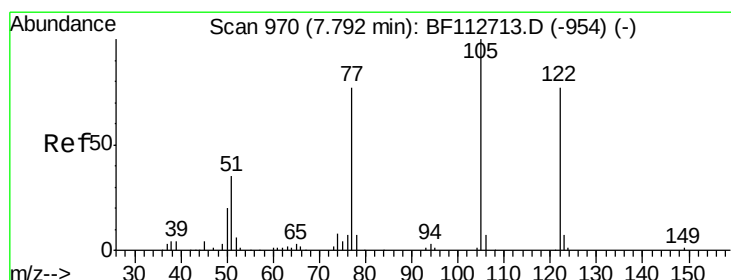
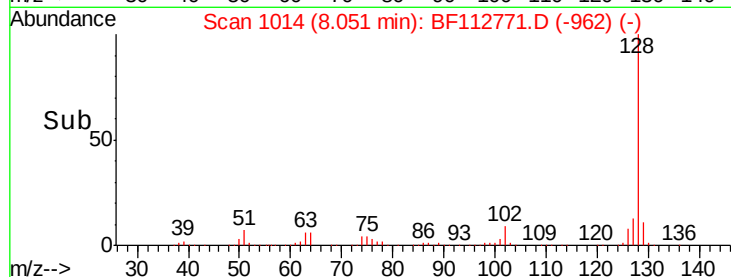
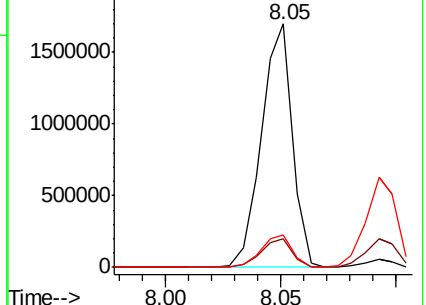
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.530 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.04 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

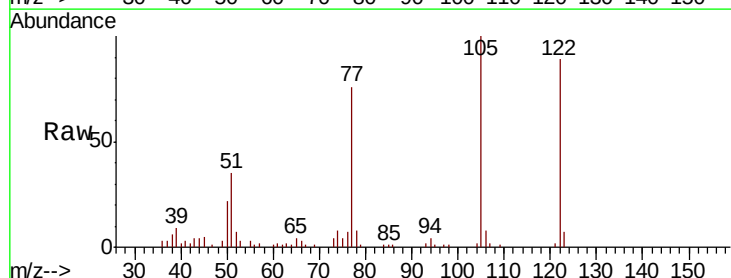
Tgt Ion:122 Resp: 50157

Ion Ratio Lower Upper

122 100

105 112.7 106.8 146.8

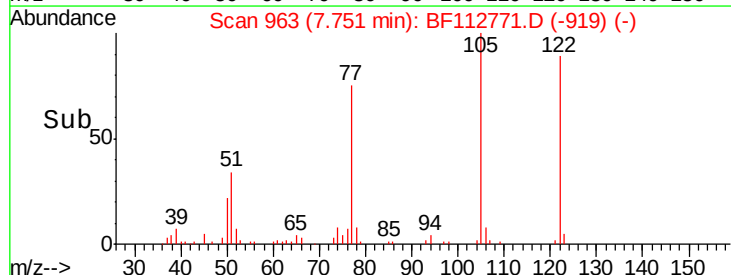
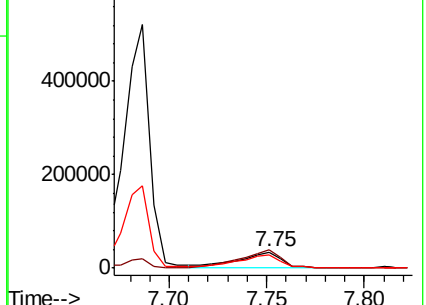
77 85.9 79.4 119.4

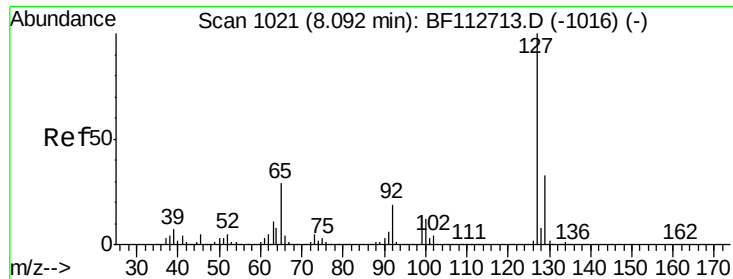


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

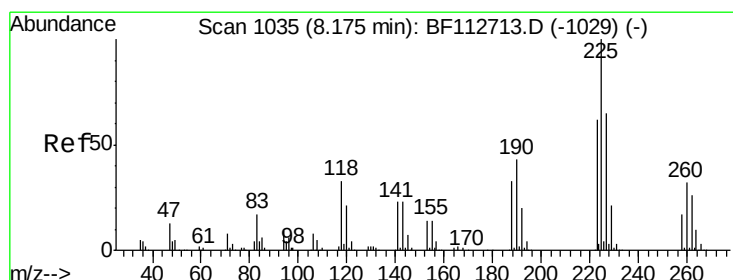
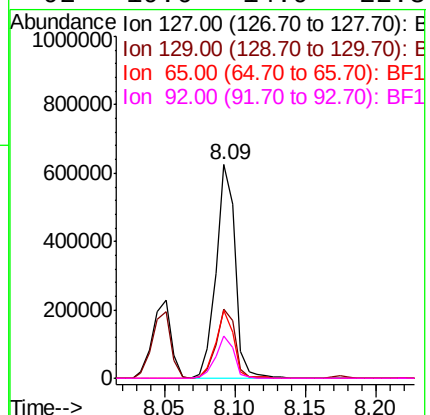
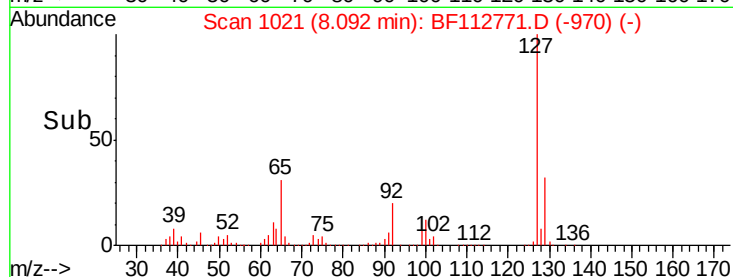
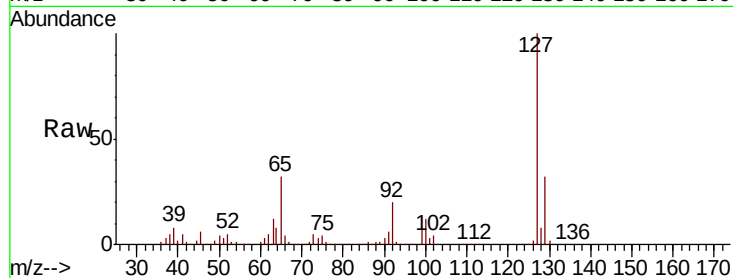




#33
4-Chloroaniline
Concen: 36.672 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

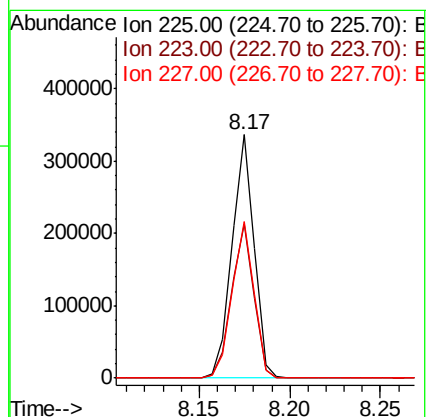
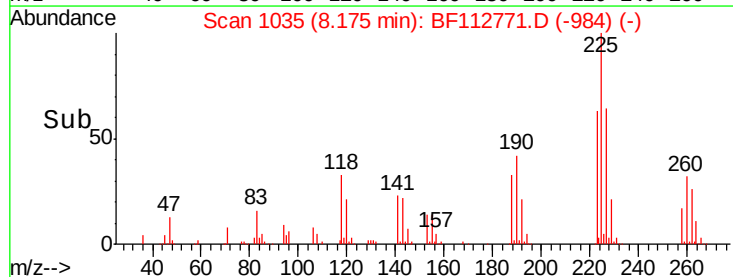
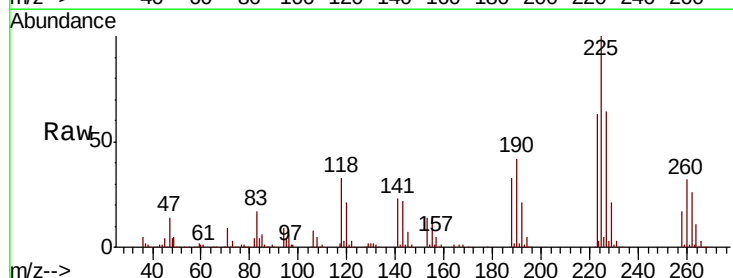
Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

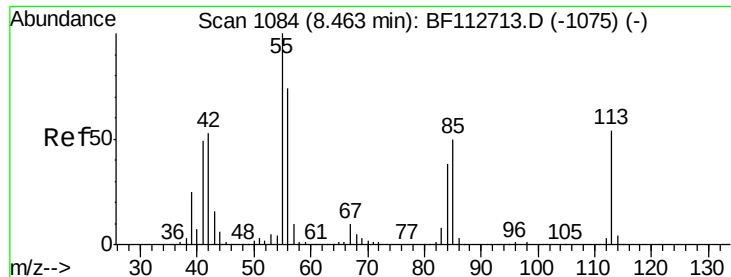
Tgt Ion:	127	Resp:	586643
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.4	39.6
65	31.8	23.1	34.7
92	19.6	14.9	22.3



#34
Hexachlorobutadiene
Concen: 44.390 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion:	225	Resp:	285850
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.7	74.5
227	64.1	52.1	78.1

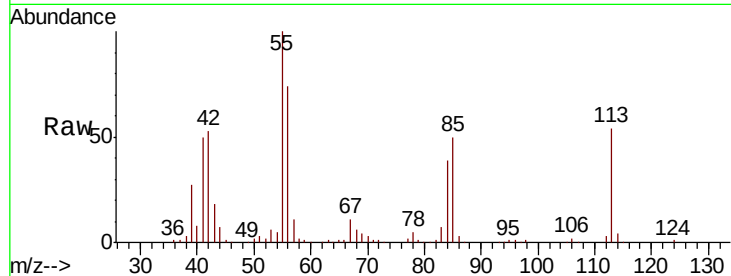




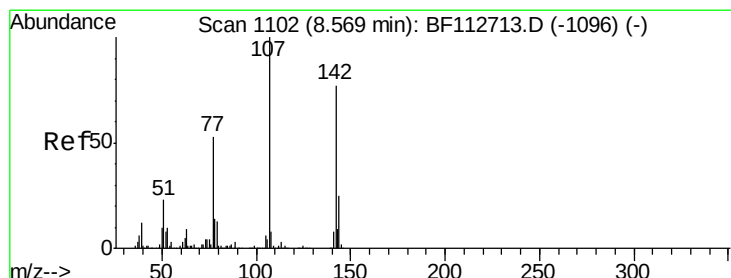
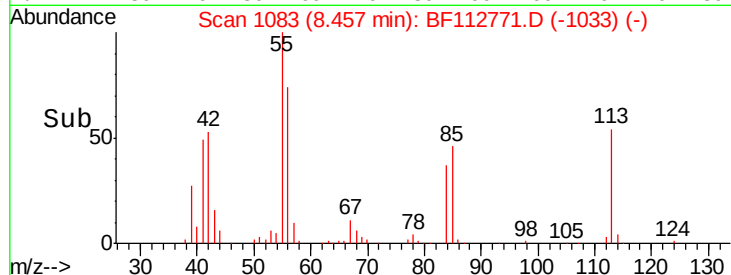
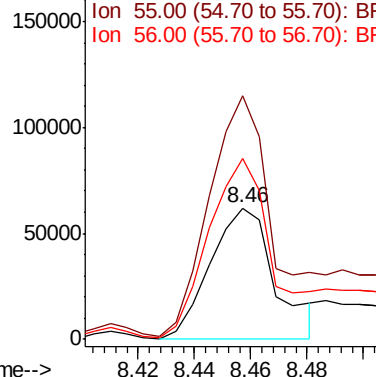
#35
 Caprolactam
 Concen: 25.996 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)MS

Tgt Ion:113 Resp: 97300
 Ion Ratio Lower Upper
 113 100
 55 185.2 163.5 203.5
 56 137.3 115.3 155.3

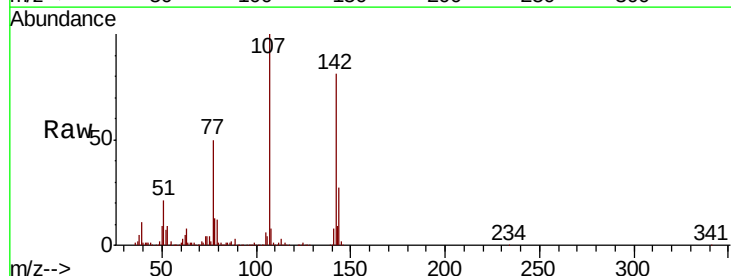


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

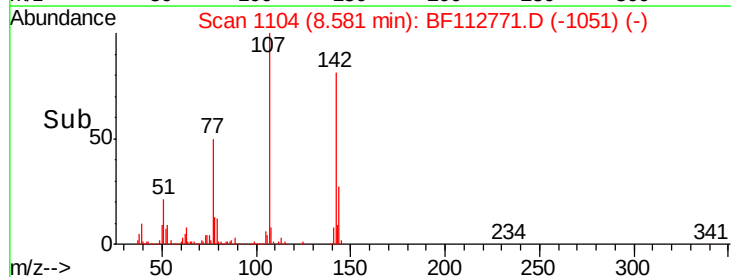
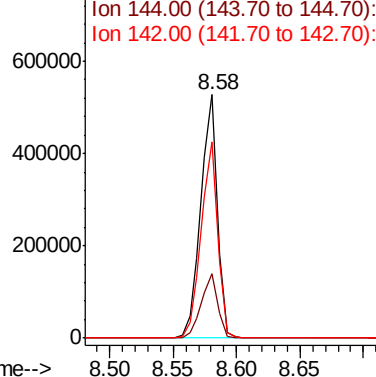


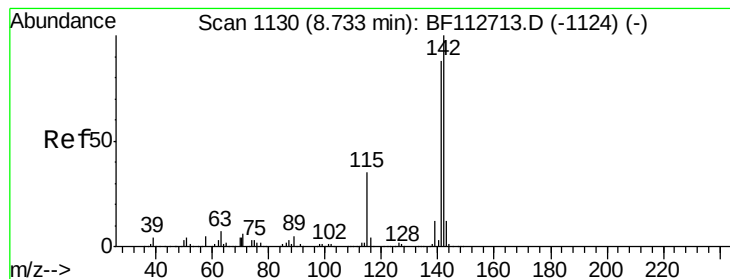
#36
 4-Chloro-3-methylphenol
 Concen: 40.447 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Tgt Ion:107 Resp: 475672
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.1 30.1
 142 80.7 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: 42.878 ng

RT: 8.74 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)MS

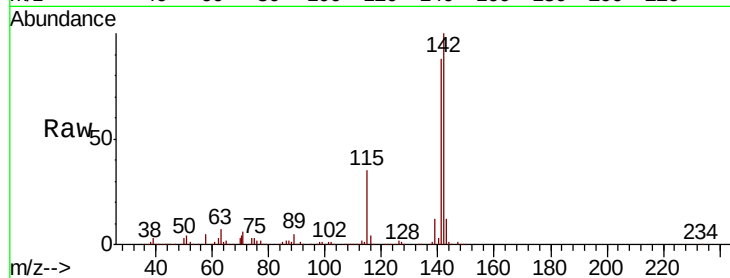
Tgt Ion:142 Resp: 1045815

Ion Ratio Lower Upper

142 100

141 87.9 70.3 105.5

115 34.6 27.8 41.6

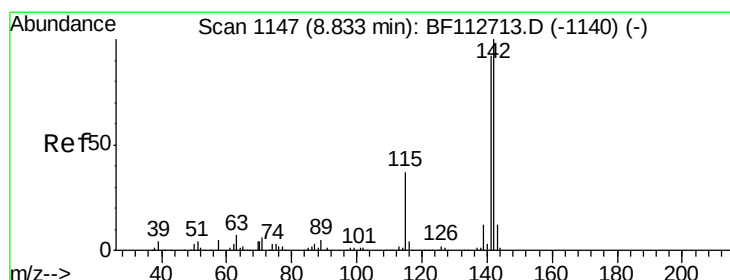
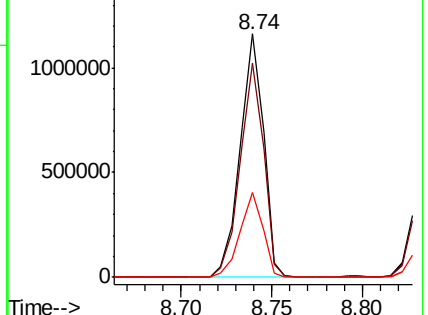
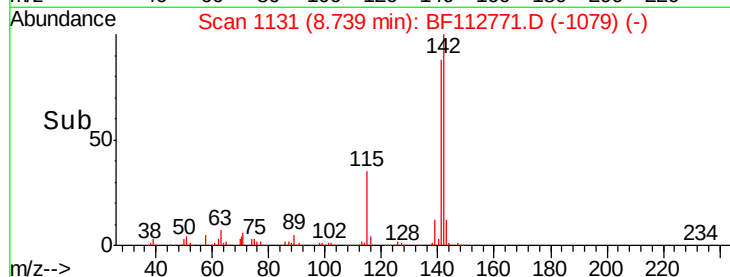


Abundance

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: 41.884 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

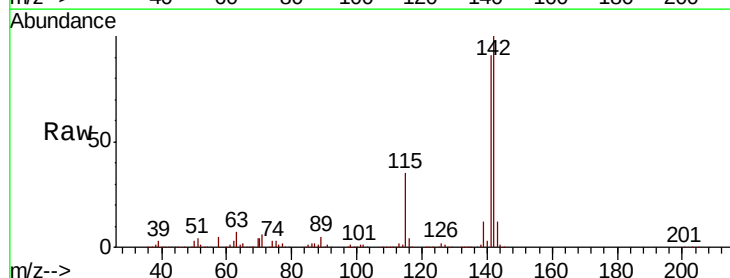
Tgt Ion:142 Resp: 989586

Ion Ratio Lower Upper

142 100

141 90.7 73.7 110.5

116 3.6 3.1 4.7

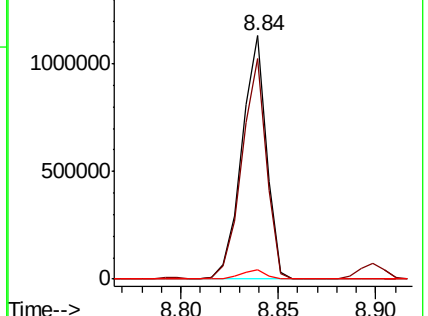
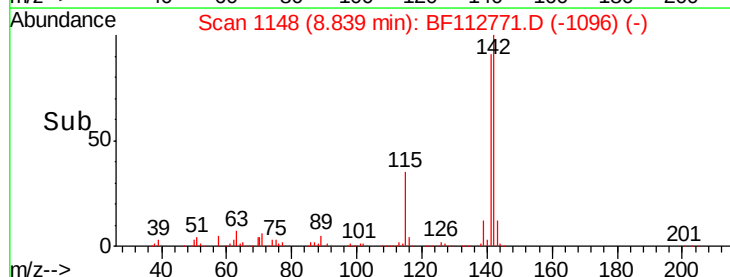


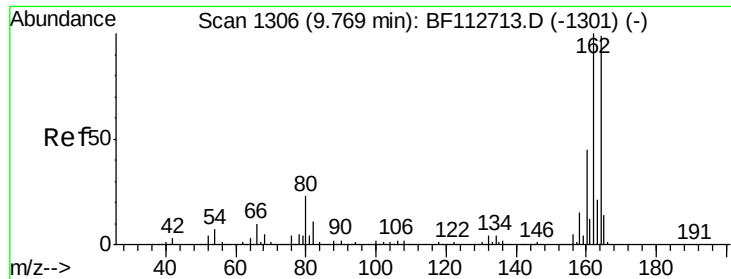
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

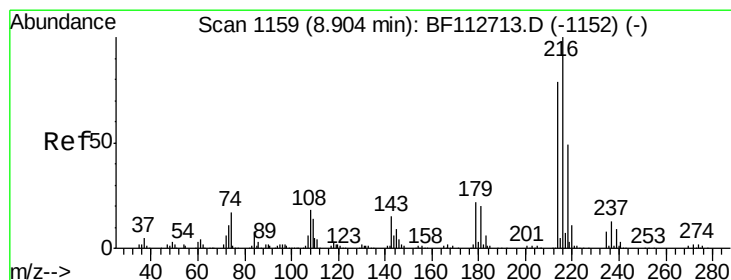
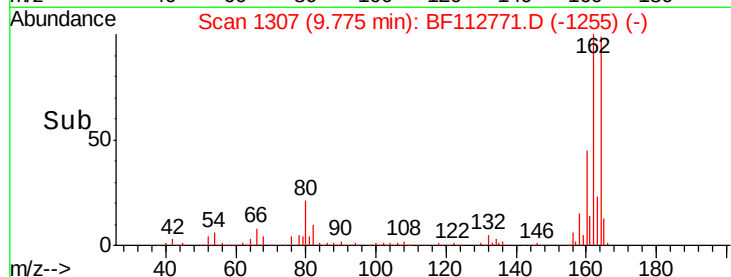
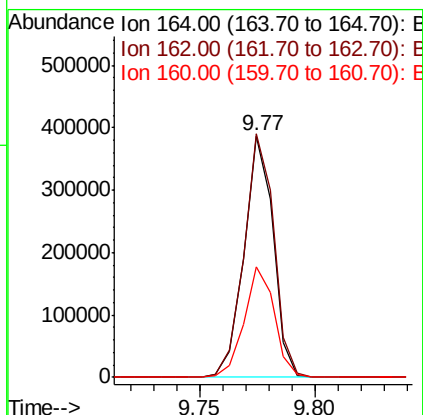
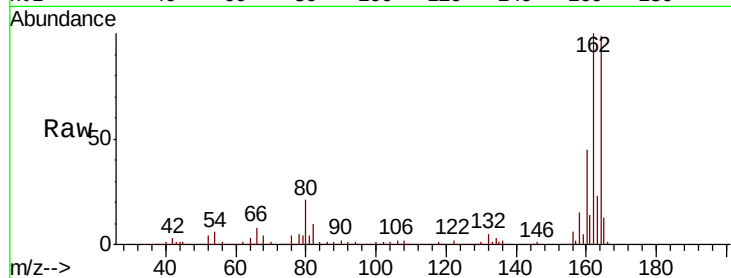




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

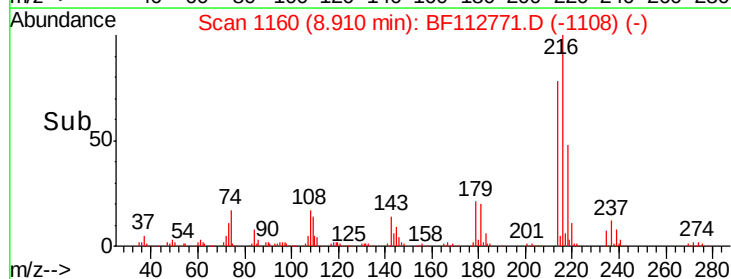
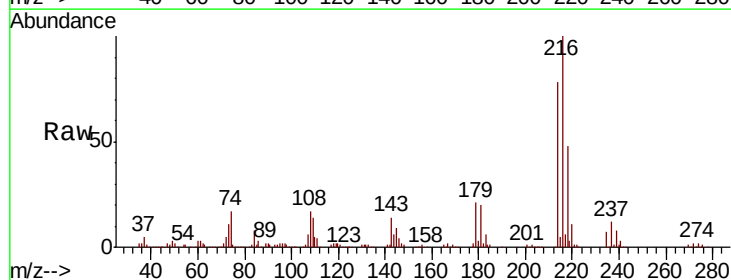
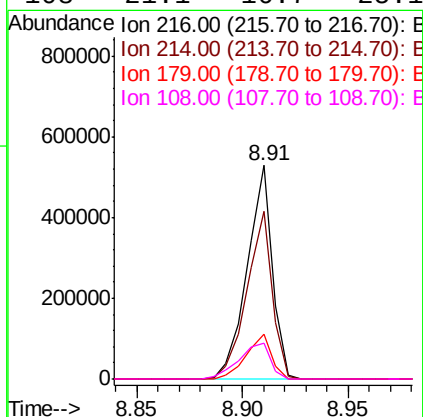
Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)MS

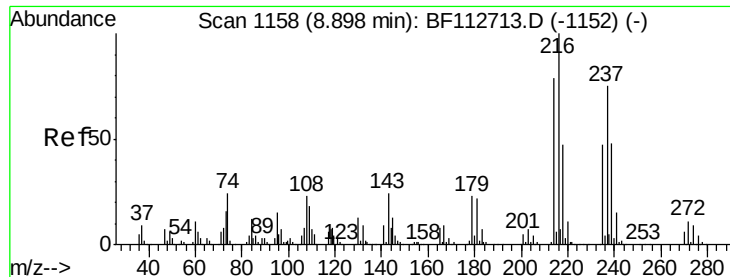
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	45.7	36.0	54.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.858 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.2	94.8
179	21.3	17.5	26.3
108	21.1	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 99.057 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)MS

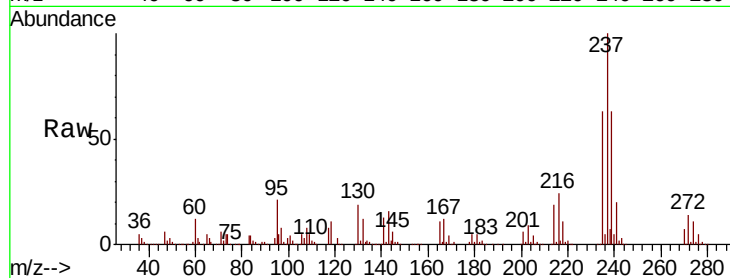
Tgt Ion: 237 Resp: 541344

Ion Ratio Lower Upper

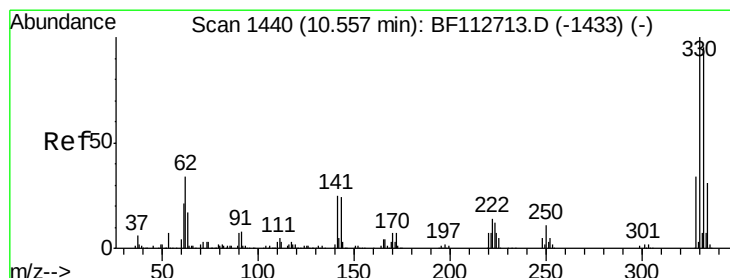
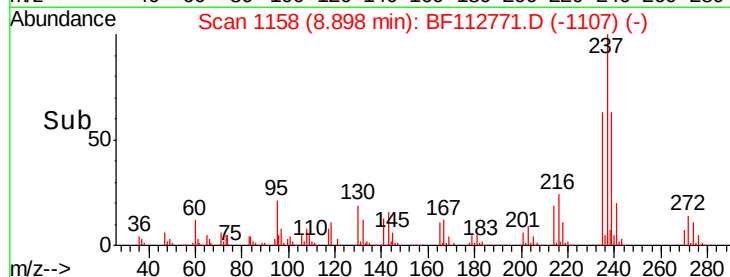
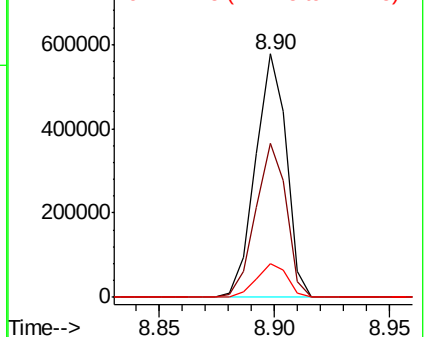
237 100

235 63.1 42.2 82.2

272 13.8 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: 131.571 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

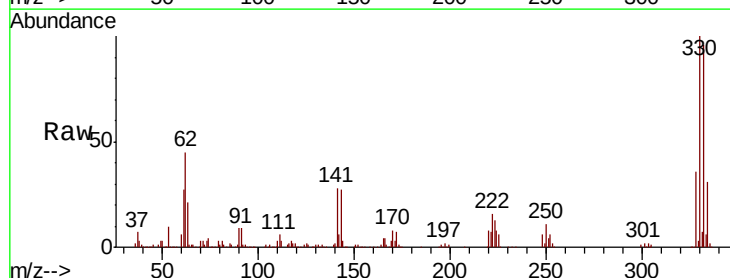
Tgt Ion: 330 Resp: 478030

Ion Ratio Lower Upper

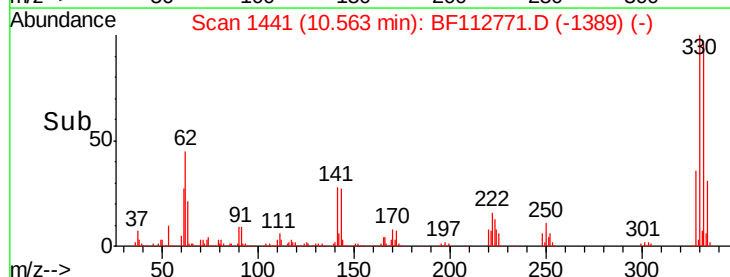
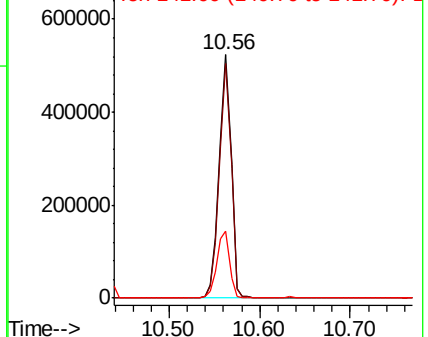
330 100

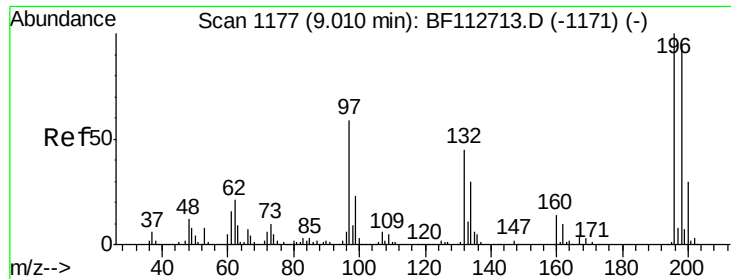
332 95.5 76.2 114.4

141 29.1 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

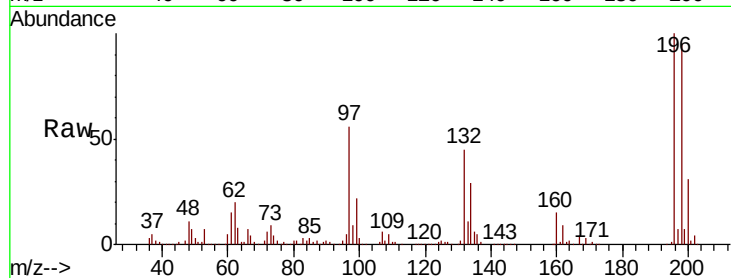




#43
 2,4,6-Trichlorophenol
 Concen: 47.936 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.8	113.8
200	30.5	24.3	36.5

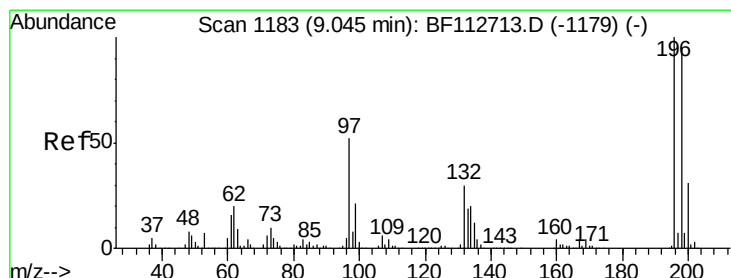
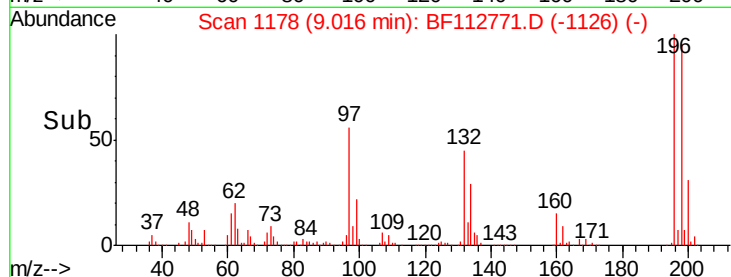
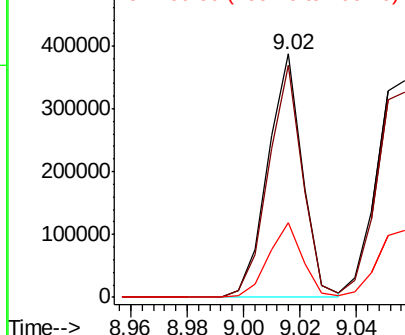


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.857 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.2	114.2
97	44.7	41.5	62.3
132	27.1	23.9	35.9

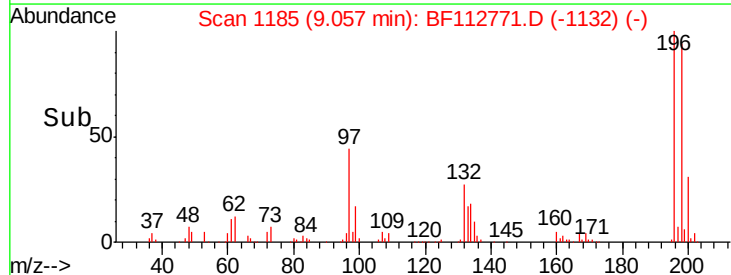
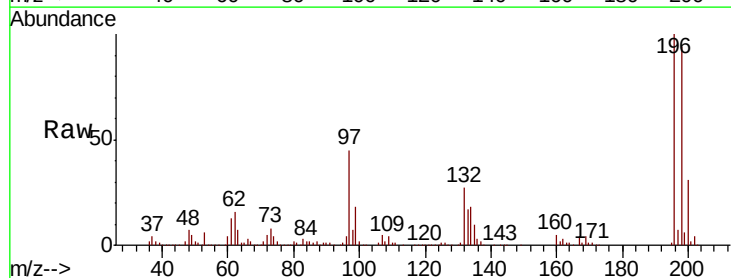
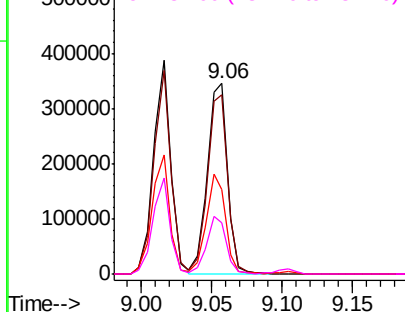
Abundance

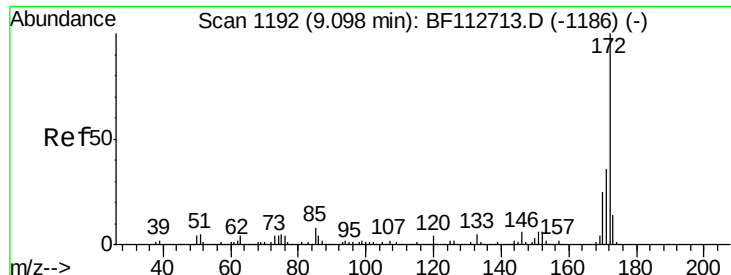
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

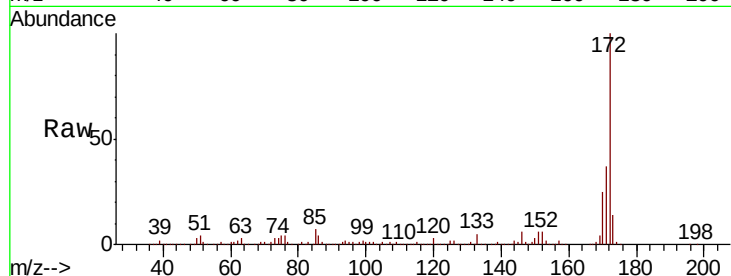




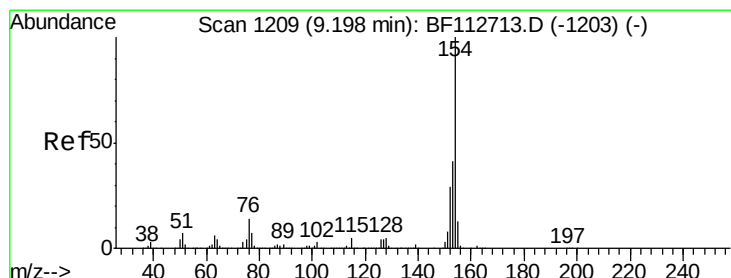
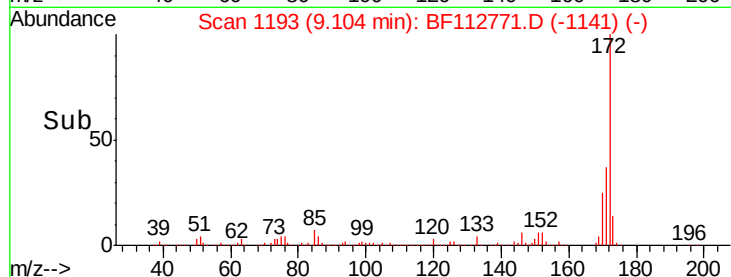
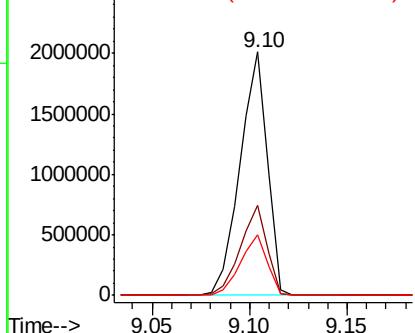
#45
2-Fluorobiphenyl
Concen: 99.776 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tgt Ion:172 Resp: 1944051
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.4
170 24.9 20.0 30.0

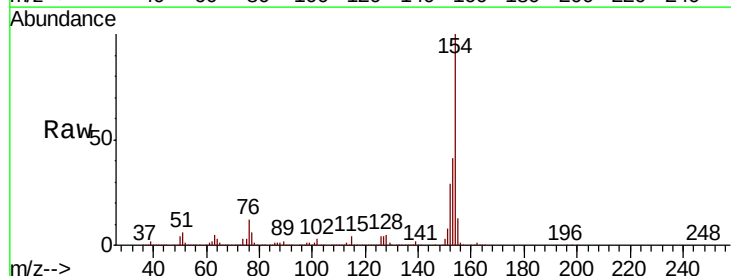


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

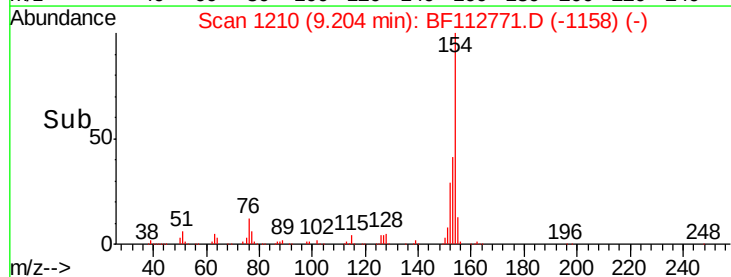
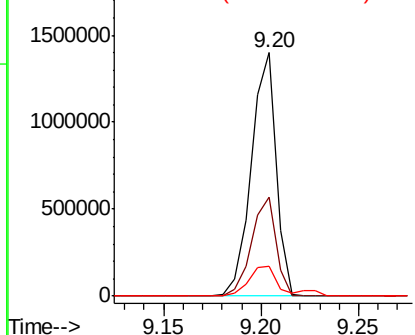


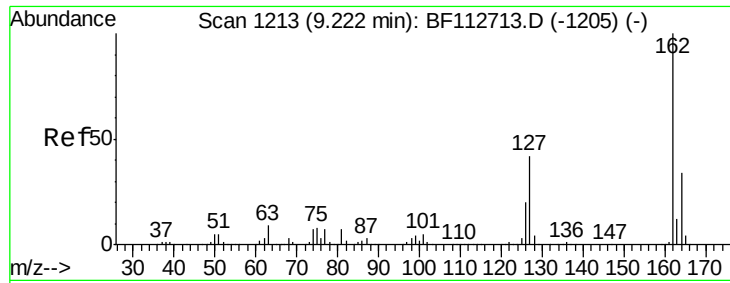
#46
1,1'-Biphenyl
Concen: 44.134 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion:154 Resp: 1231967
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 12.2 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

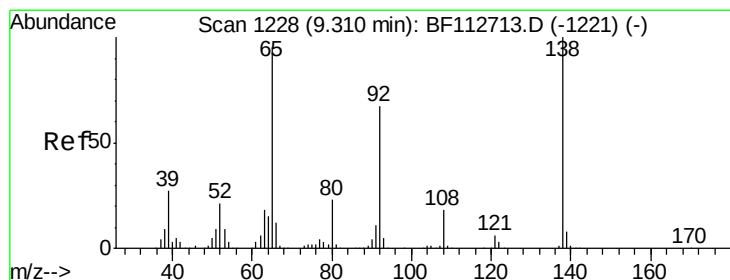
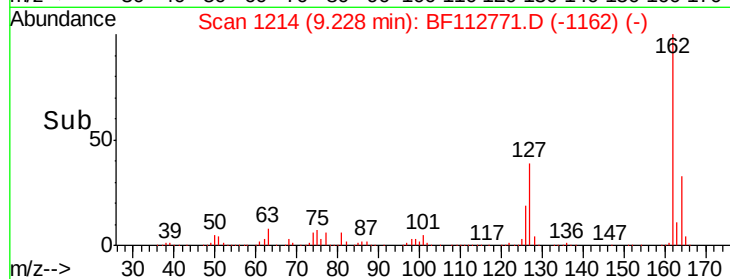
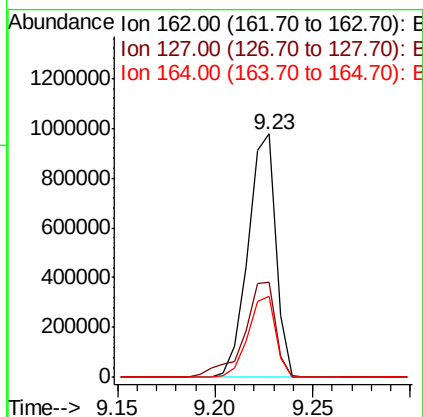
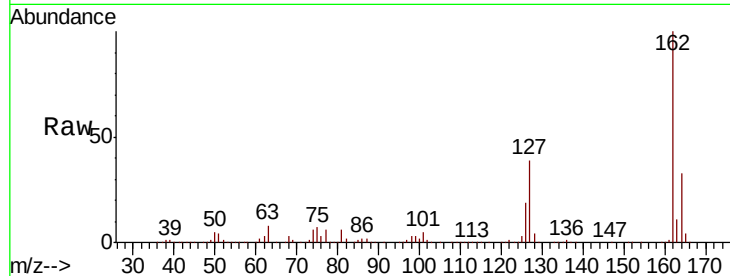




#47
 2-Chloronaphthalene
 Concen: 44.290 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

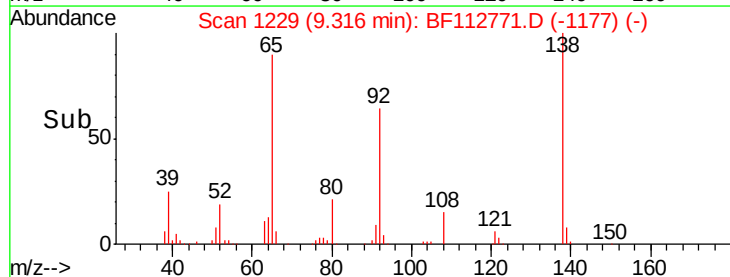
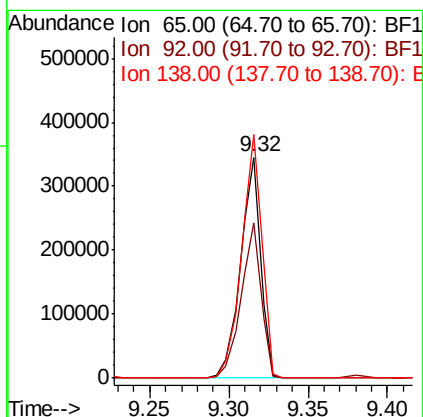
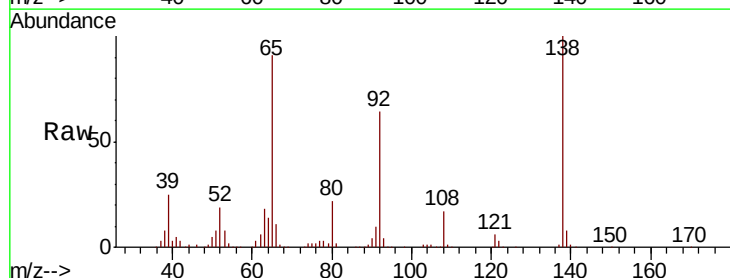
Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)MS

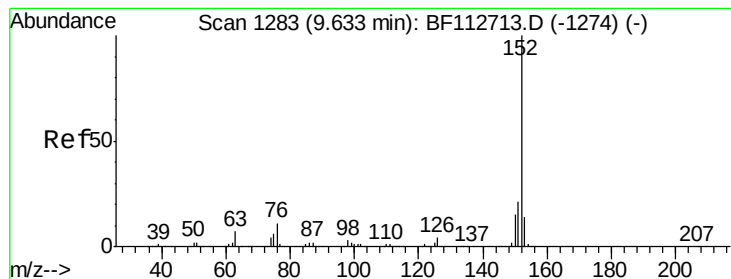
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	33.4	50.2
164	33.3	26.9	40.3



#48
 2-Nitroaniline
 Concen: 45.567 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	56.4	84.6
138	110.3	84.6	126.8





#49

Acenaphthylene

Concen: 41.212 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)MS

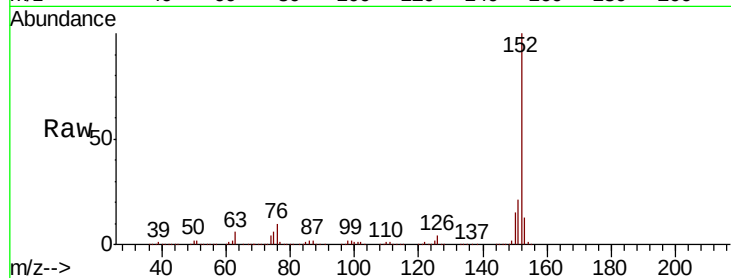
Tgt Ion:152 Resp: 1524976

Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

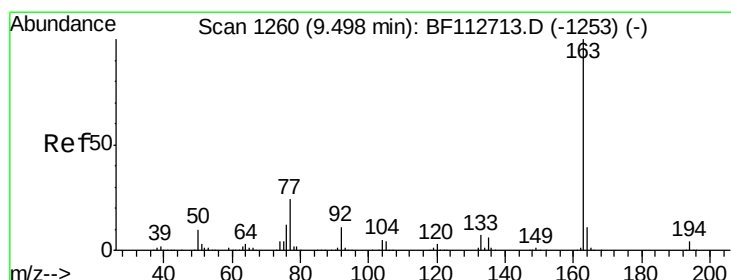
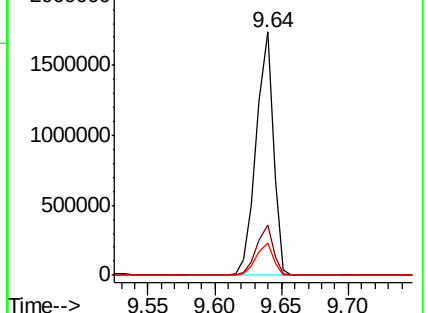
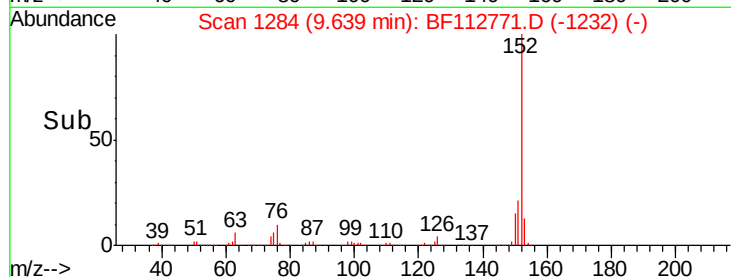
153 13.4 11.0 16.6



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: 47.159 ng

RT: 9.50 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

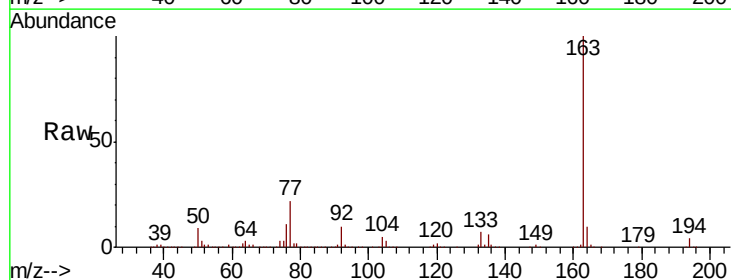
Tgt Ion:163 Resp: 1190049

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

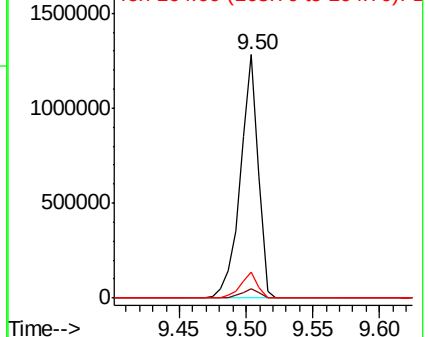
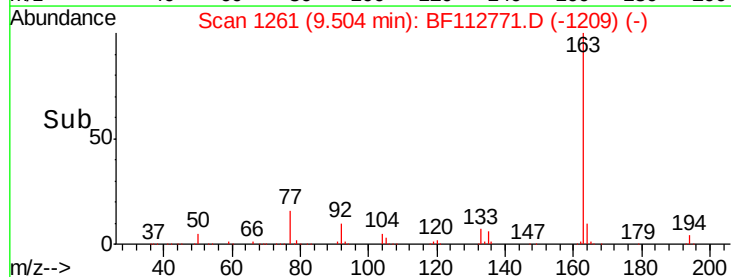
164 10.5 8.4 12.6

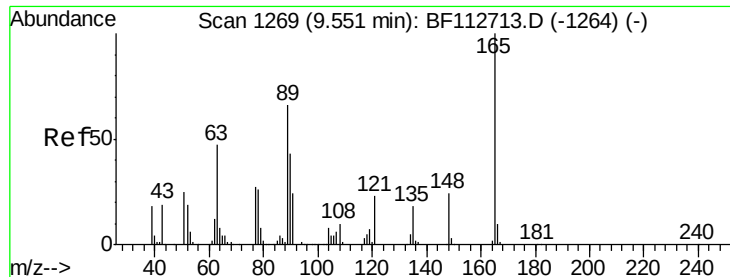


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

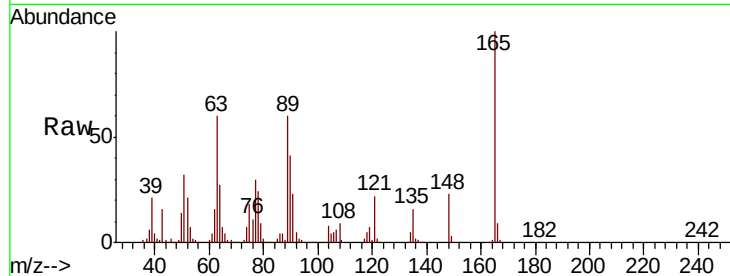




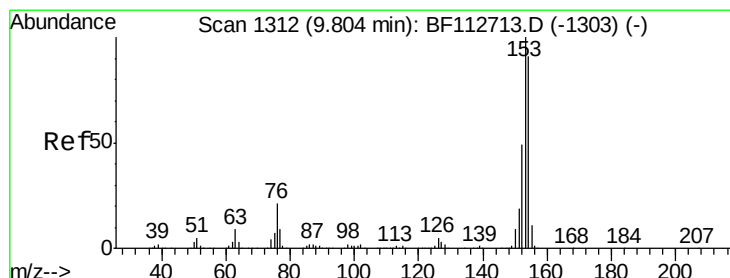
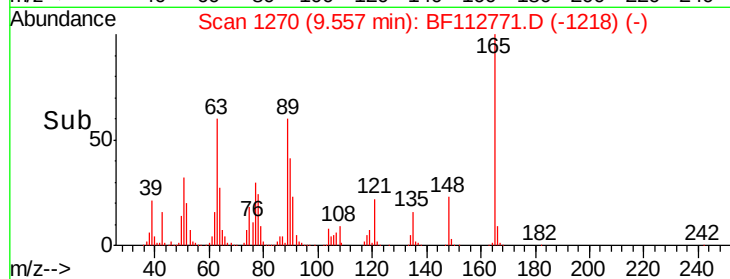
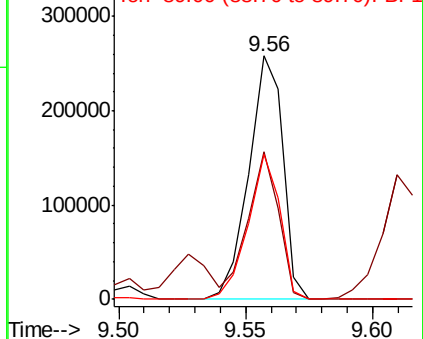
#51
2,6-Dinitrotoluene
Concen: 46.052 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.4	54.1	81.1
89	59.6	52.8	79.2

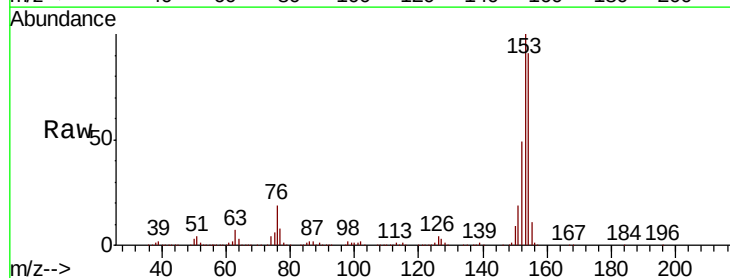


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

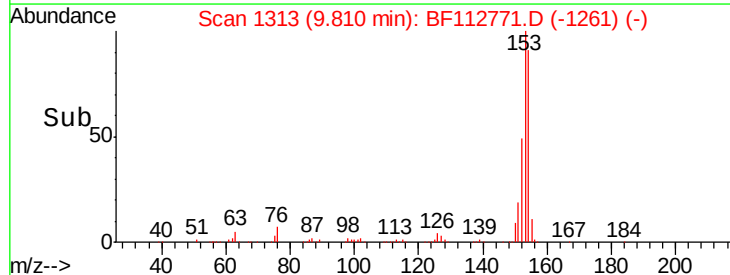
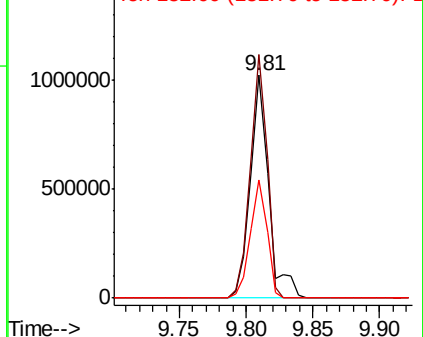


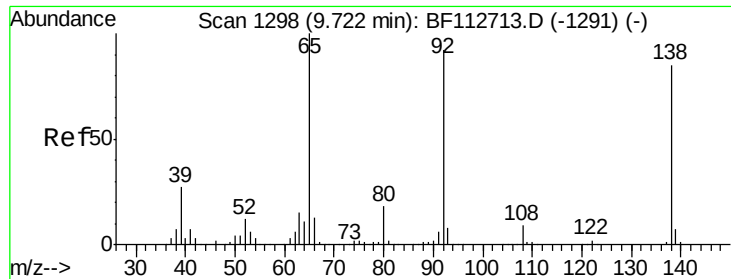
#52
Acenaphthene
Concen: 44.402 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.4	87.8	131.8
152	53.3	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

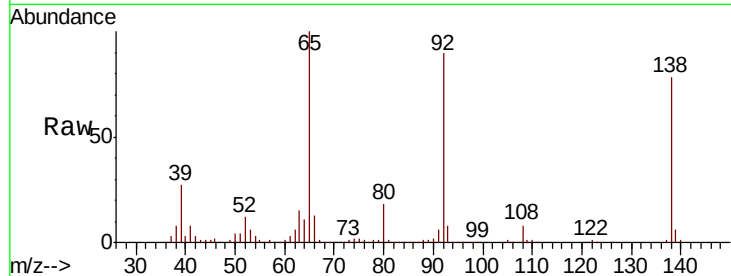




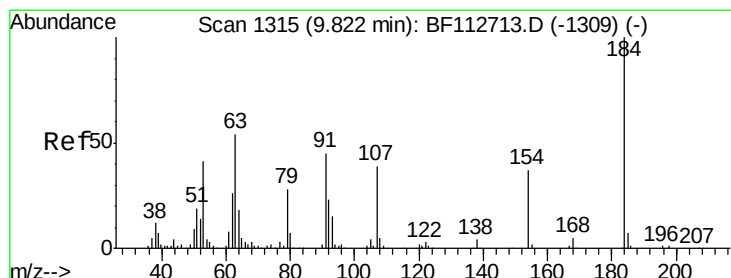
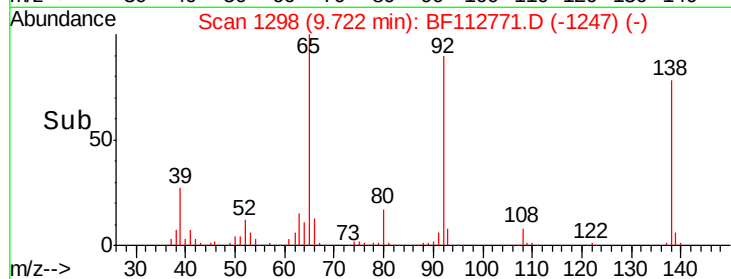
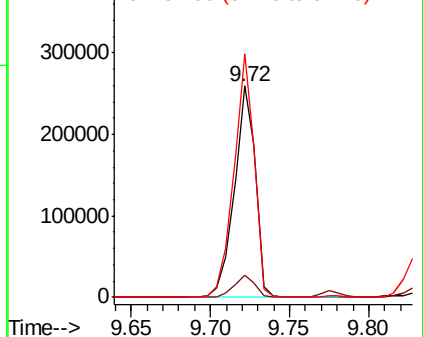
#53
3-Nitroaniline
Concen: 37.069 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tgt Ion:138 Resp: 237359
Ion Ratio Lower Upper
138 100
108 10.3 8.6 13.0
92 115.1 86.6 129.8

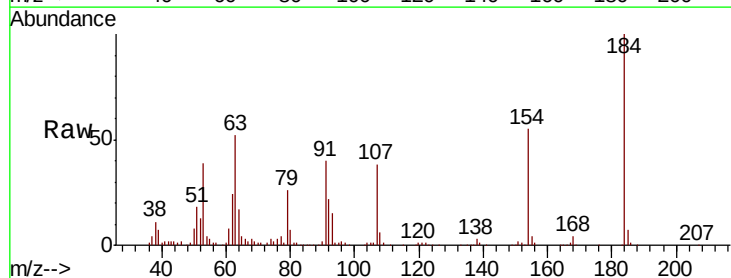


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

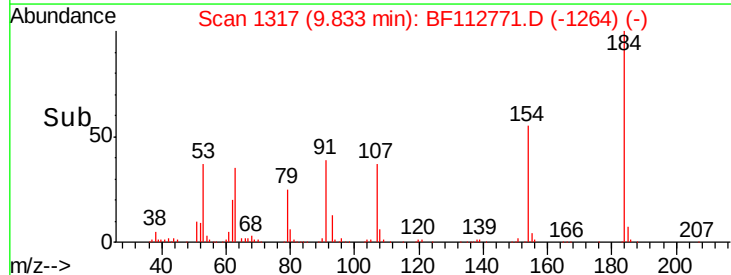
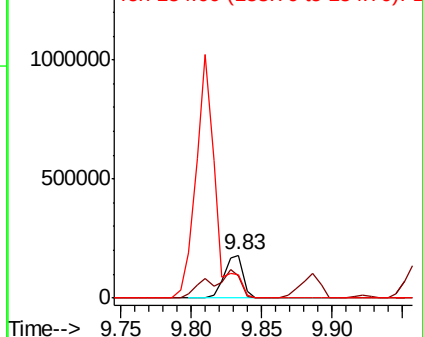


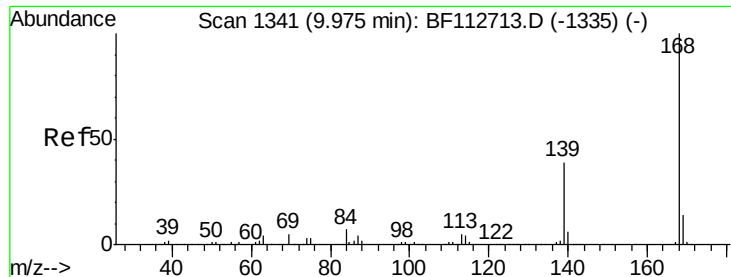
#54
2,4-Dinitrophenol
Concen: 77.313 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion:184 Resp: 165676
Ion Ratio Lower Upper
184 100
63 52.1 45.3 67.9
154 55.1 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

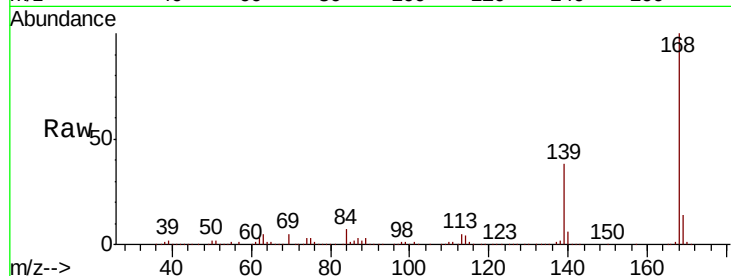




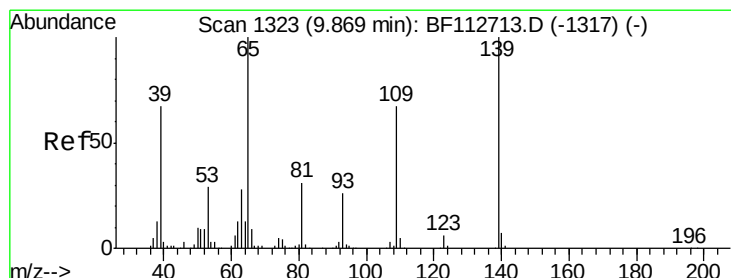
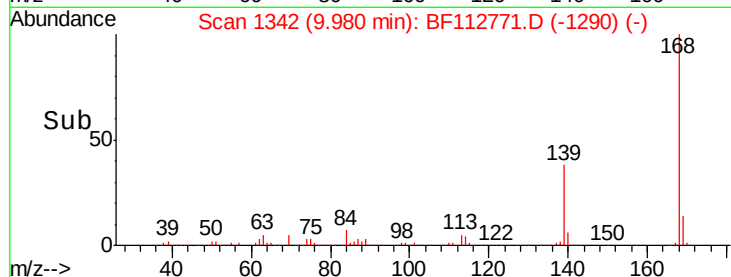
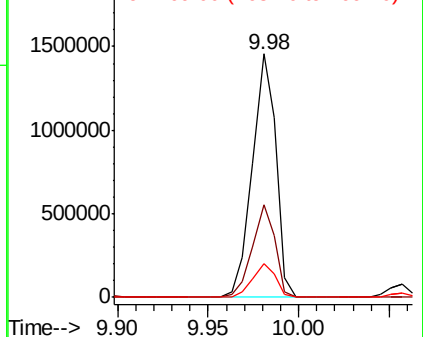
#55
Dibenzofuran
Concen: 41.864 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tgt Ion:168 Resp: 1316643
Ion Ratio Lower Upper
168 100
139 38.2 31.3 46.9
169 13.9 11.3 16.9

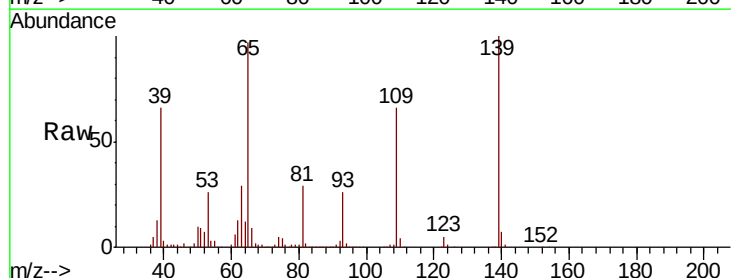


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

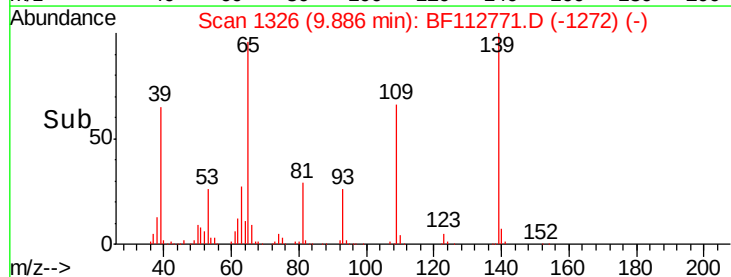
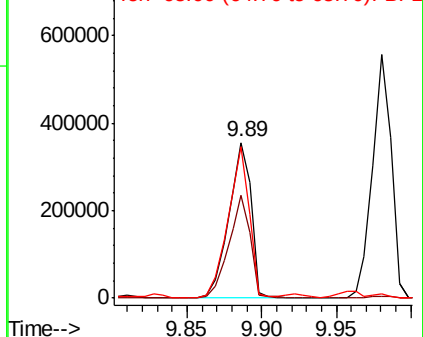


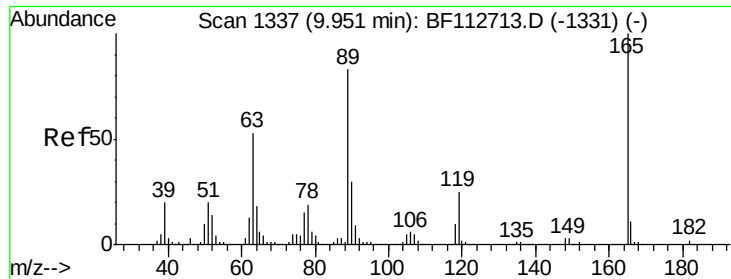
#56
4-Nitrophenol
Concen: 72.889 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion:139 Resp: 379312
Ion Ratio Lower Upper
139 100
109 65.7 46.8 86.8
65 96.8 80.7 120.7



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

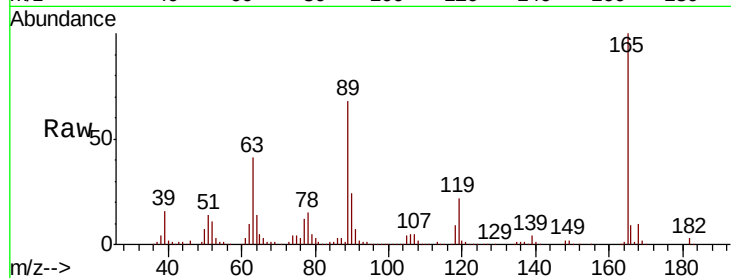




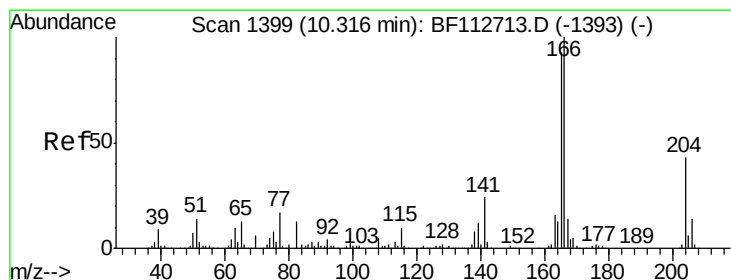
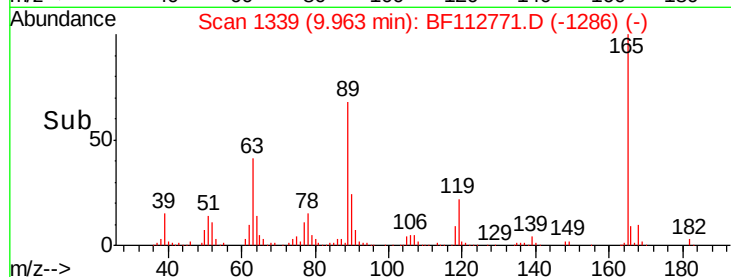
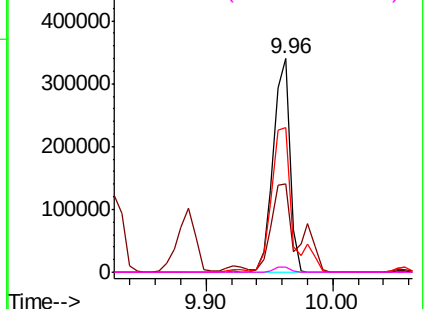
#57
2,4-Dinitrotoluene
Concen: 47.273 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tgt Ion:	165	Resp:	308781
Ion	Ratio	Lower	Upper
165	100		
63	41.1	42.2	63.2#
89	67.7	66.2	99.4
182	2.6	1.8	2.6

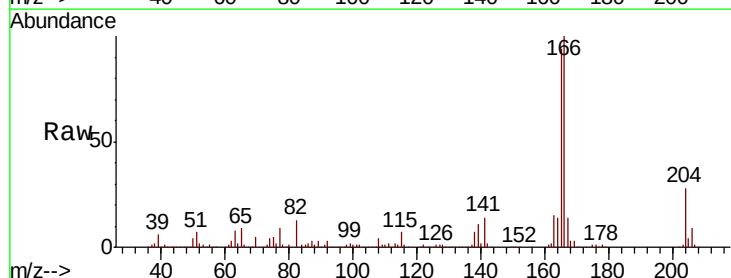


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

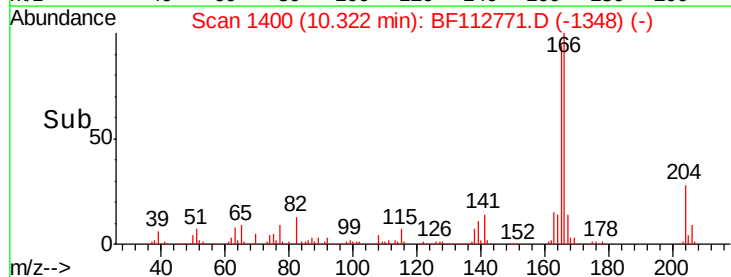
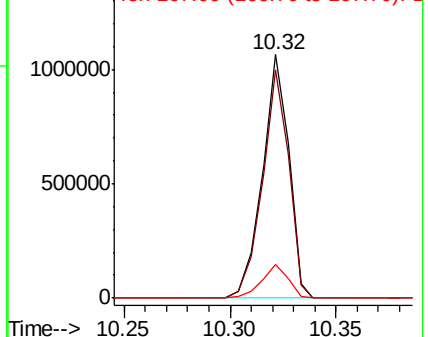


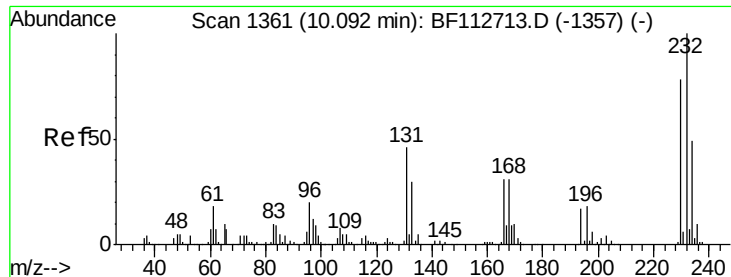
#58
Fluorene
Concen: 41.550 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion:	166	Resp:	927483
Ion	Ratio	Lower	Upper
166	100		
165	93.6	74.7	112.1
167	13.6	11.0	16.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

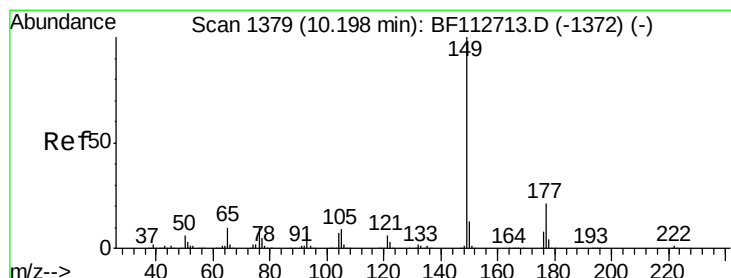
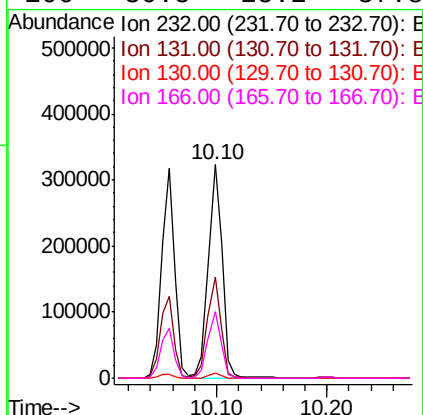
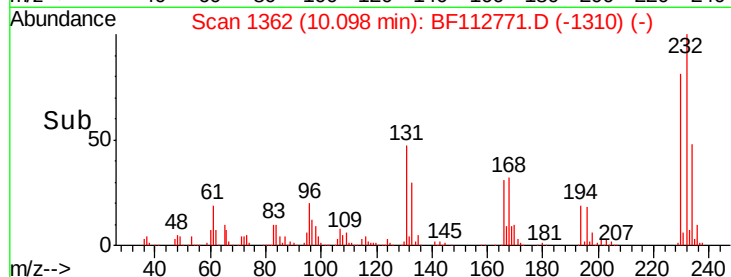
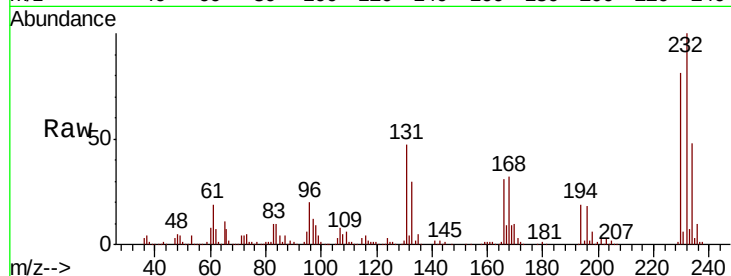




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.919 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

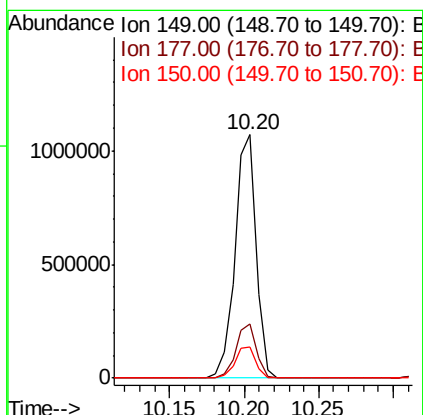
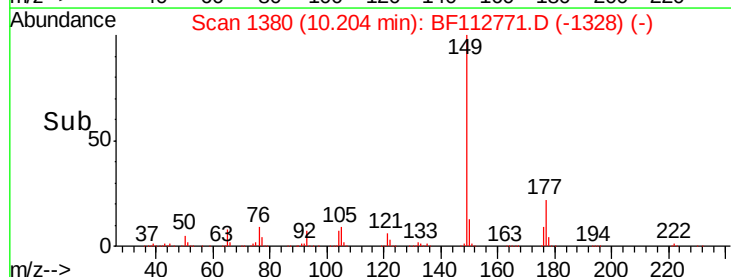
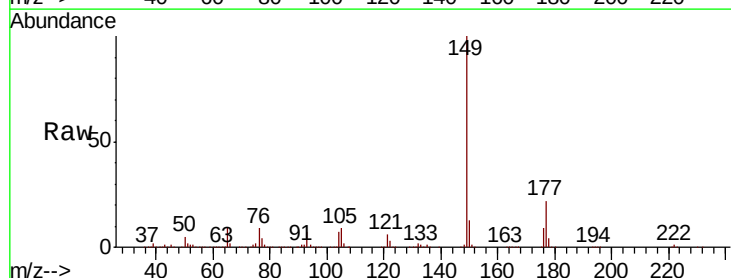
Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)MS

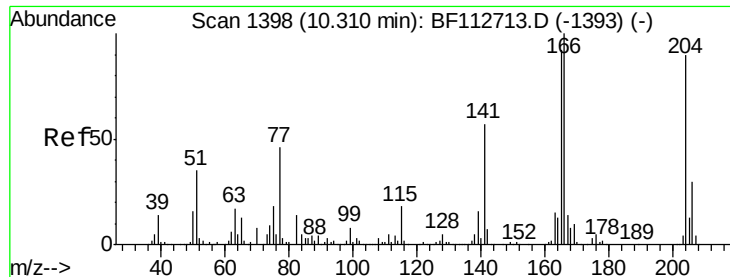
Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.8	38.7	58.1
130	2.1	1.9	2.9
166	30.5	25.2	37.8



#60
 Diethylphthalate
 Concen: 39.897 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.0	25.6
150	12.9	10.0	15.0

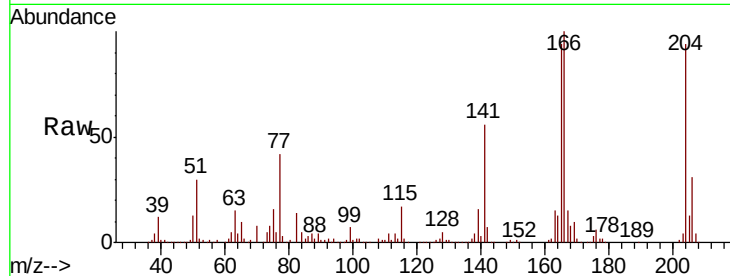




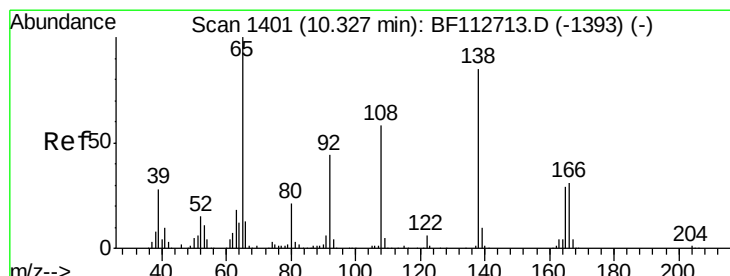
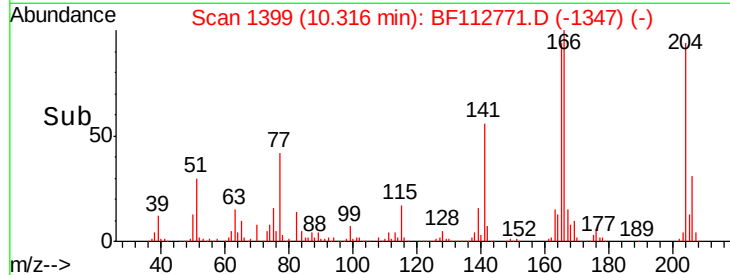
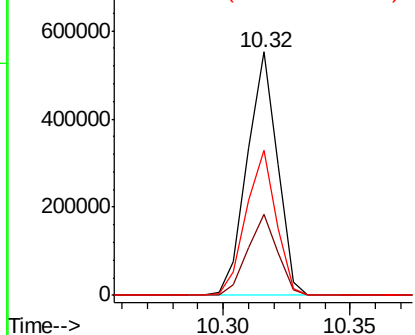
#61
 4-Chlorophenyl-phenylether
 Concen: 44.174 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)MS

Tgt Ion:	204	Resp:	458777
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	40.0
141	59.6	50.8	76.2

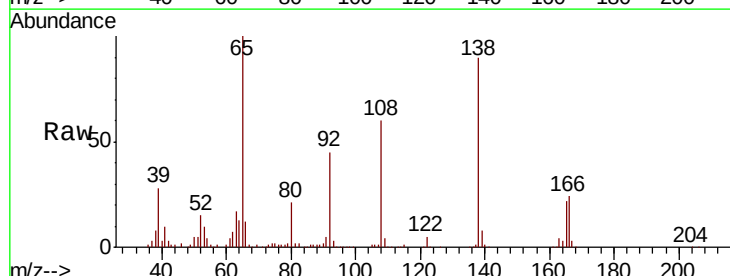


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

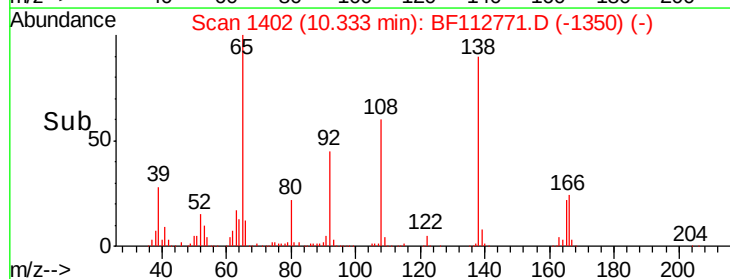
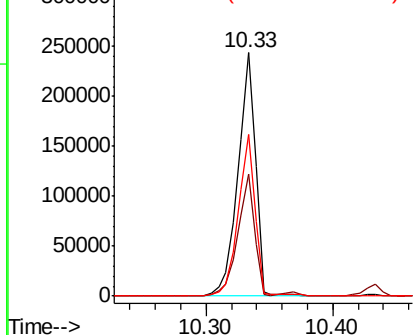


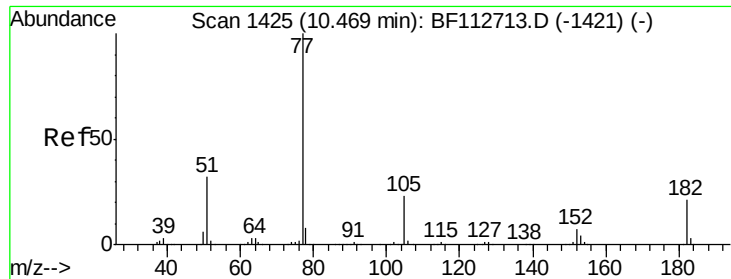
#62
 4-Nitroaniline
 Concen: 38.994 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Tgt Ion:	138	Resp:	230724
Ion	Ratio	Lower	Upper
138	100		
92	49.9	31.3	71.3
108	66.2	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

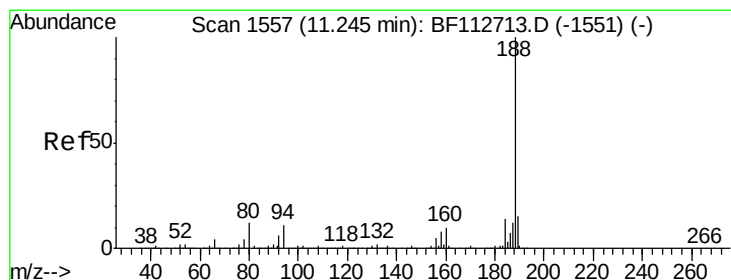
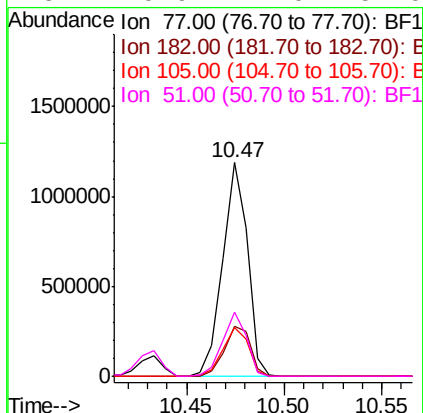
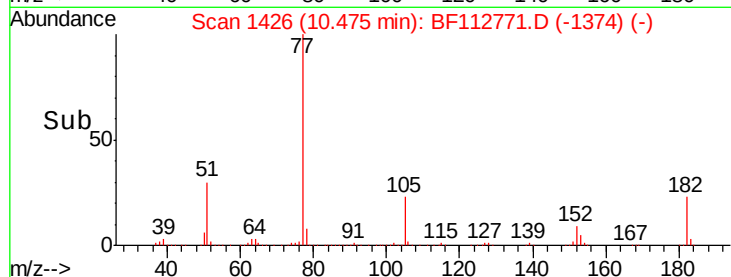
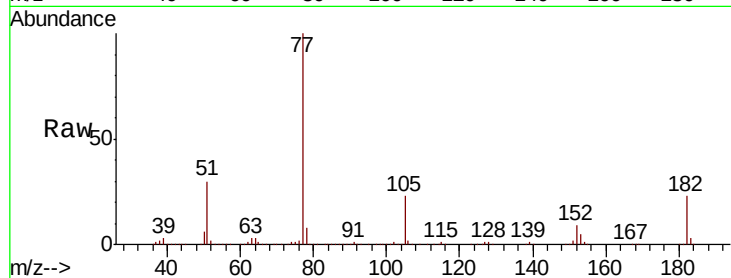




#63
Azobenzene
Concen: 38.308 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

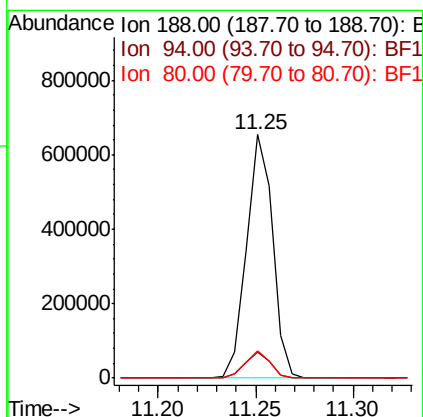
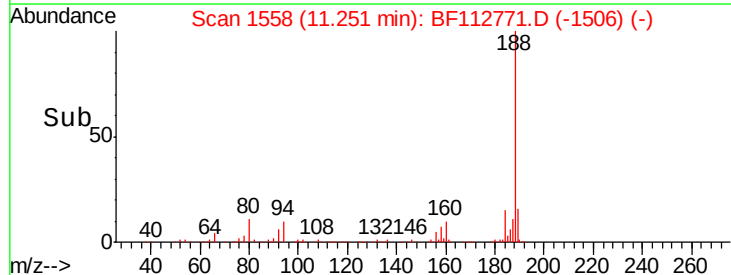
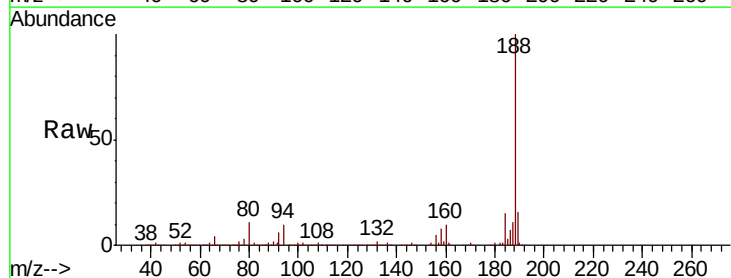
Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

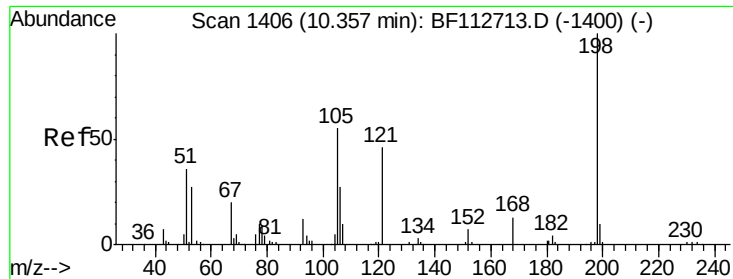
Tgt Ion: 77 Resp: 1045761
Ion Ratio Lower Upper
77 100
182 23.5 1.4 41.4
105 22.8 2.6 42.6
51 29.9 12.0 52.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion: 188 Resp: 605586
Ion Ratio Lower Upper
188 100
94 10.4 9.0 13.4
80 11.3 9.2 13.8

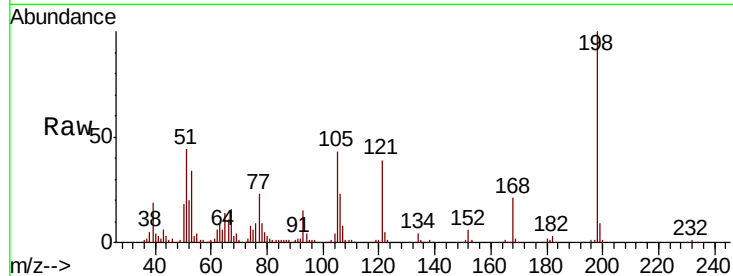




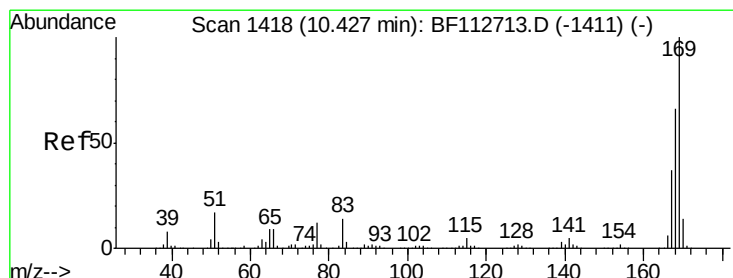
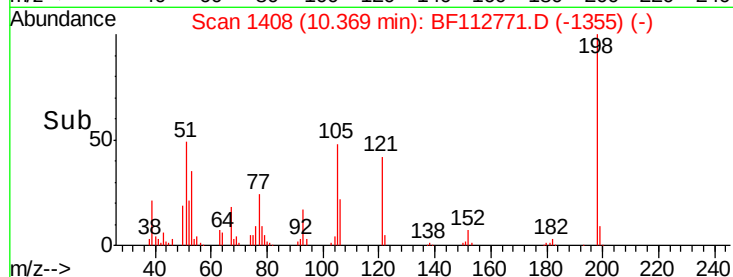
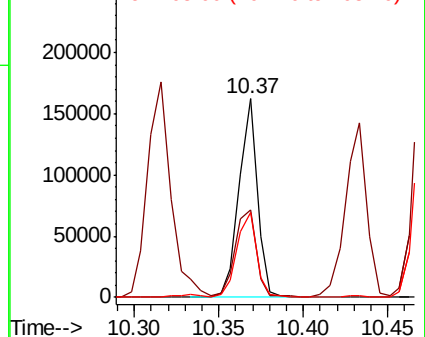
#65
4,6-Dinitro-2-methylphenol
Concen: 49.220 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampled :
B-5(9-10)MS

Tgt Ion:198 Resp: 122795
Ion Ratio Lower Upper
198 100
51 44.3 43.8 83.8
105 43.0 36.5 76.5

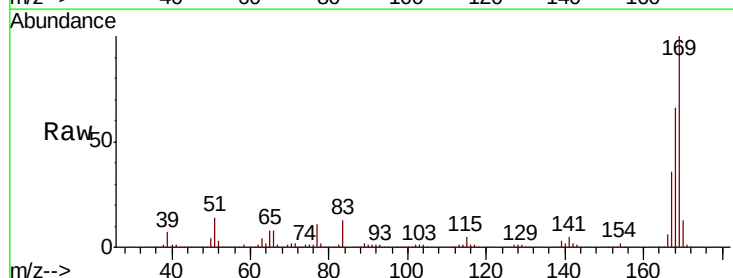


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

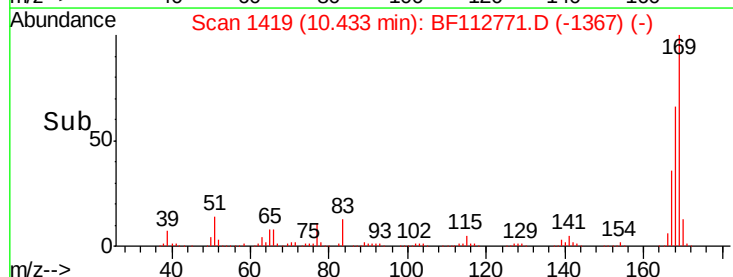
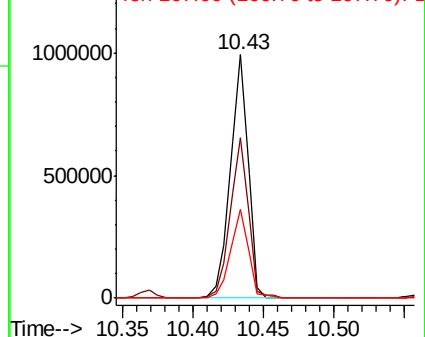


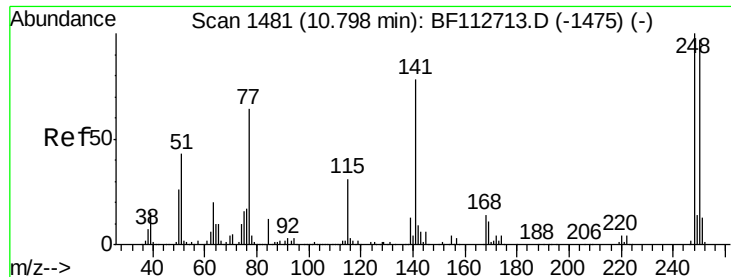
#66
n-Nitrosodiphenylamine
Concen: 44.648 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion:169 Resp: 867137
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.6
167 36.4 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

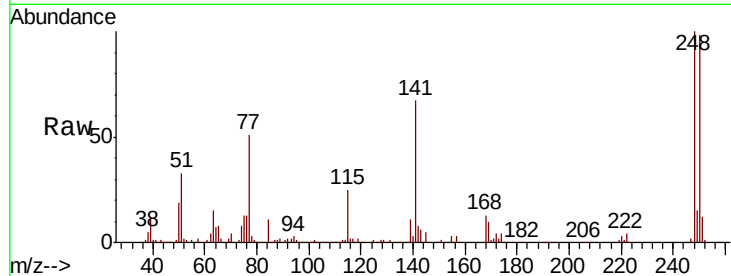




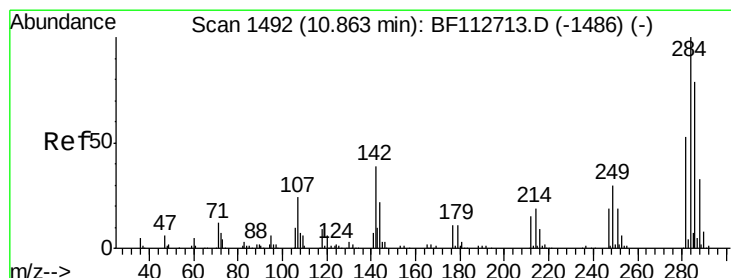
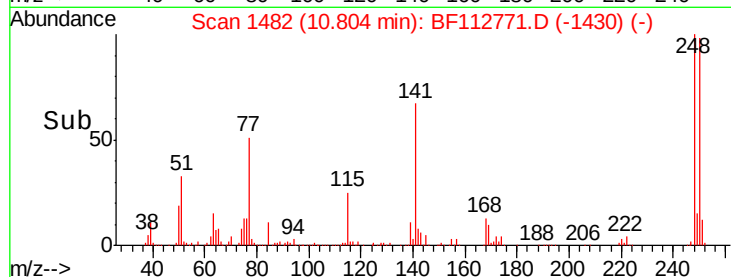
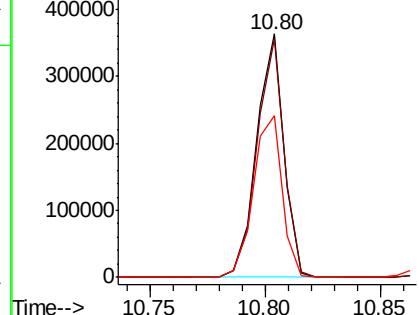
#67
 4-Bromophenyl-phenylether
 Concen: 46.976 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)MS

Tgt Ion:248 Resp: 299643
 Ion Ratio Lower Upper
 248 100
 250 98.1 77.5 116.3
 141 66.5 62.4 93.6

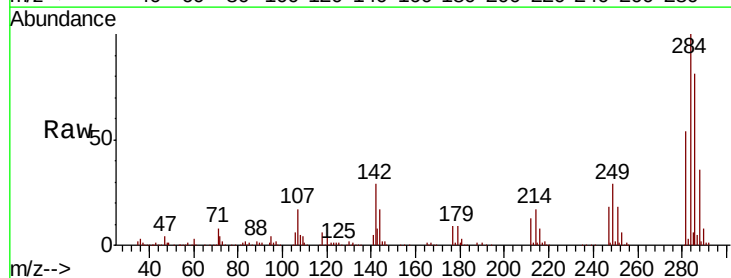


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

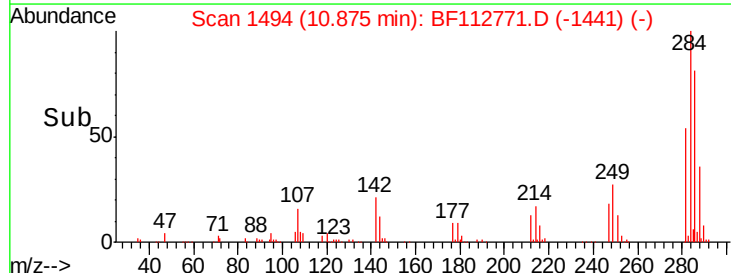
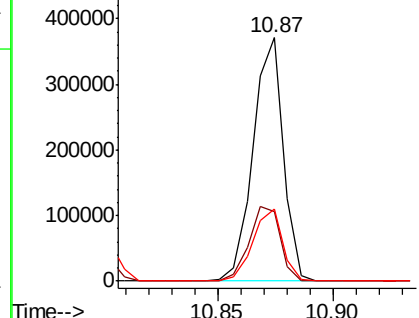


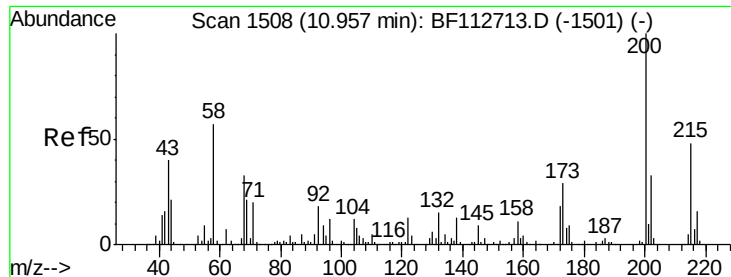
#68
 Hexachlorobenzene
 Concen: 47.190 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Tgt Ion:284 Resp: 339315
 Ion Ratio Lower Upper
 284 100
 142 28.7 31.0 46.6#
 249 29.4 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

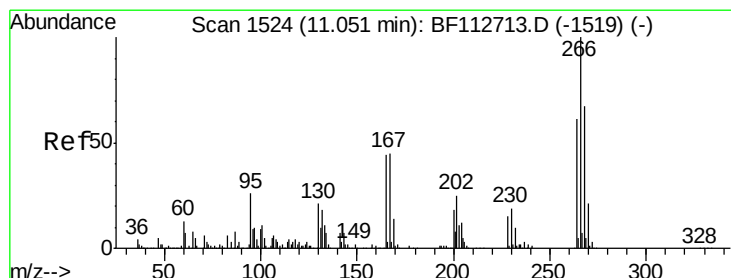
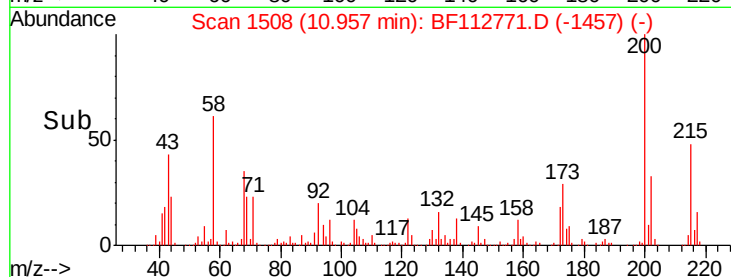
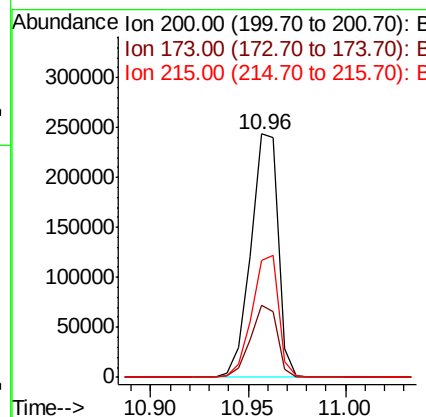
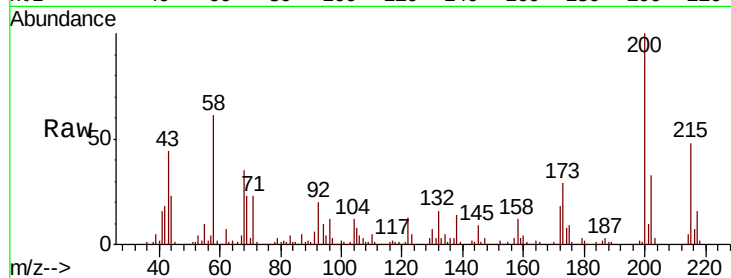




#69
Atrazine
Concen: 39.768 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

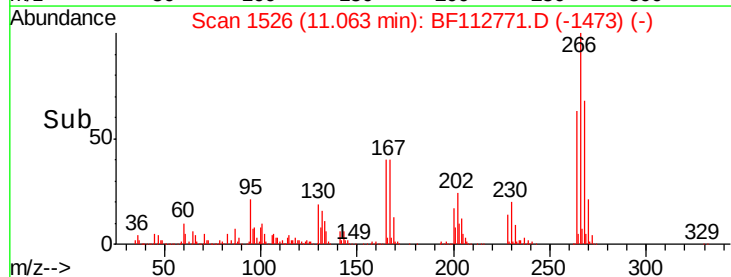
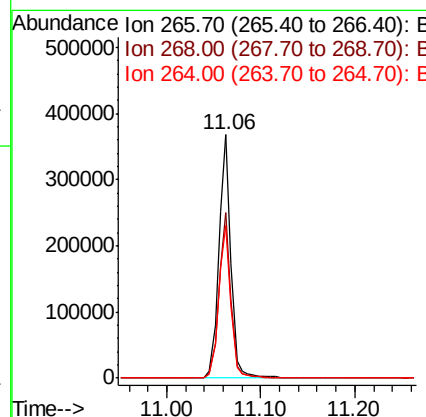
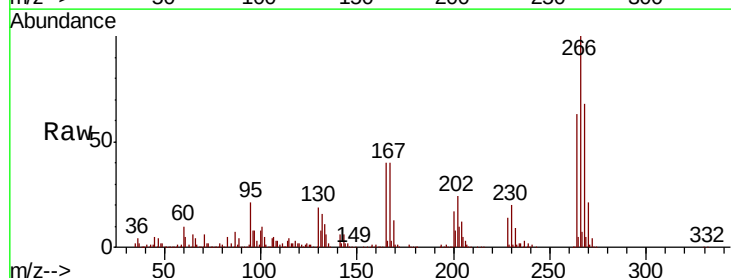
Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

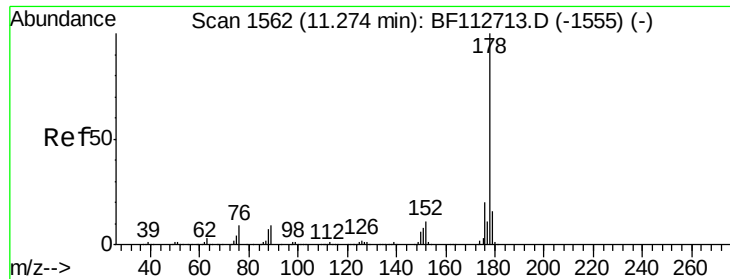
Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.4	9.1	49.1
215	48.1	28.2	68.2



#70
Pentachlorophenol
Concen: 79.231 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.9	53.3	79.9
264	62.7	48.9	73.3

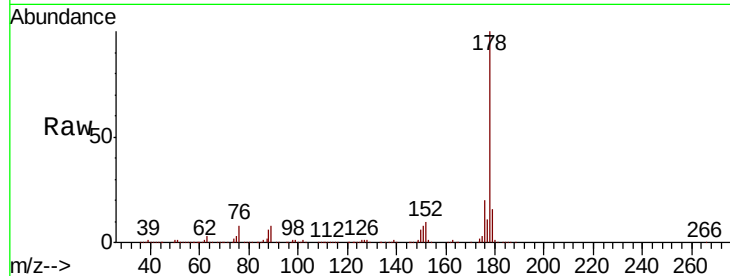




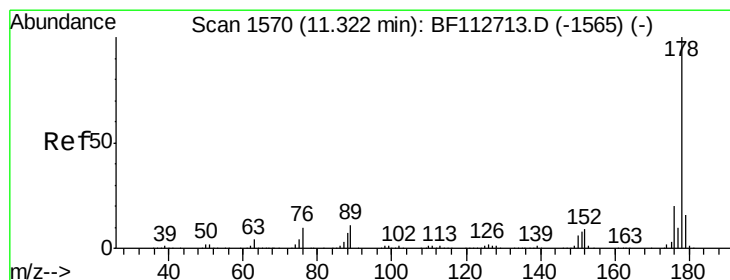
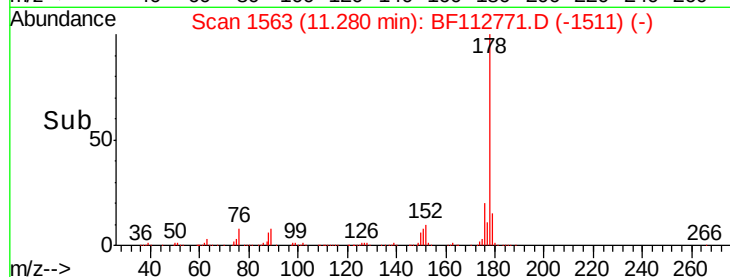
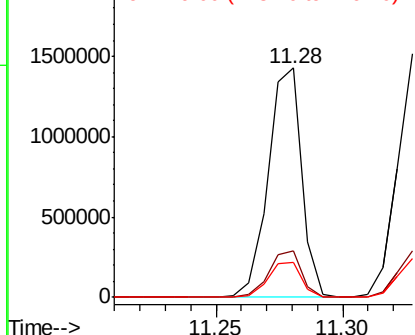
#71
Phenanthrene
Concen: 43.903 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tgt Ion:178 Resp: 1322799
Ion Ratio Lower Upper
178 100
176 20.0 16.3 24.5
179 15.5 12.7 19.1

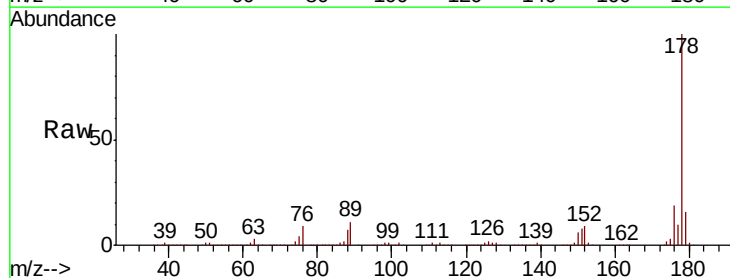


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

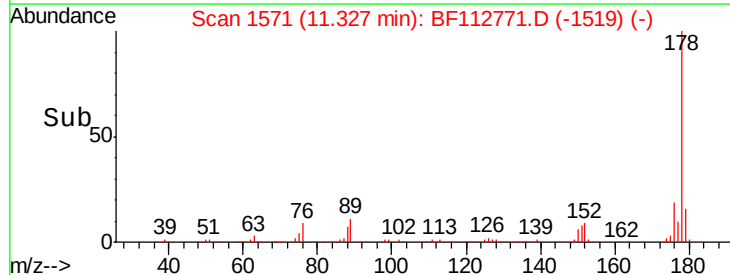
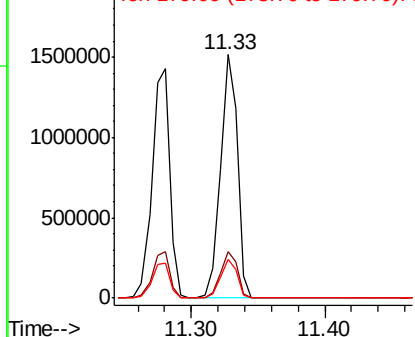


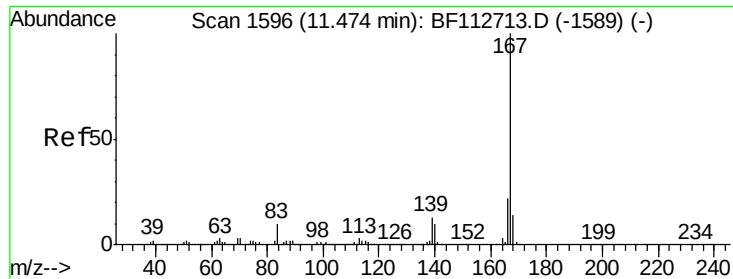
#72
Anthracene
Concen: 43.121 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion:178 Resp: 1360040
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 16.0 13.0 19.6



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





#73

Carbazole

Concen: 37.939 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)MS

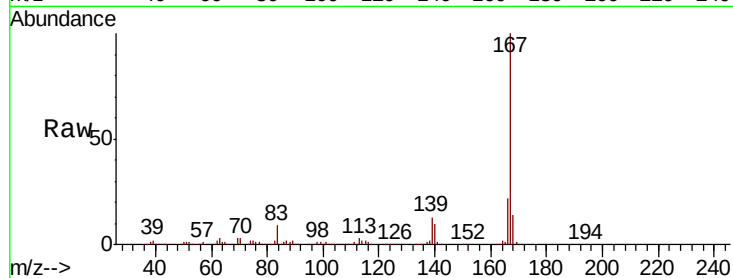
Tgt Ion:167 Resp: 1167287

Ion Ratio Lower Upper

167 100

166 22.1 17.5 26.3

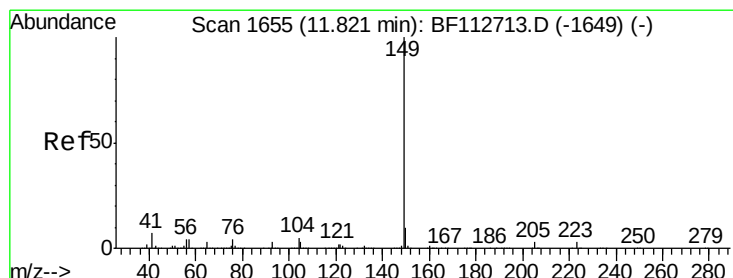
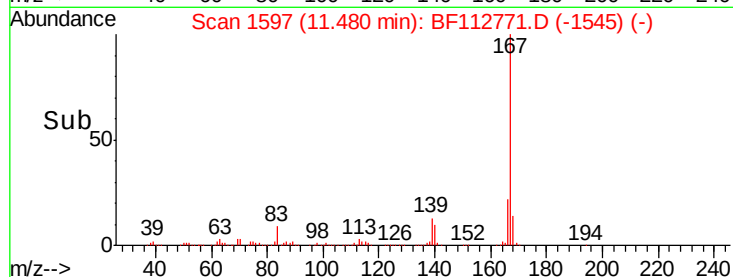
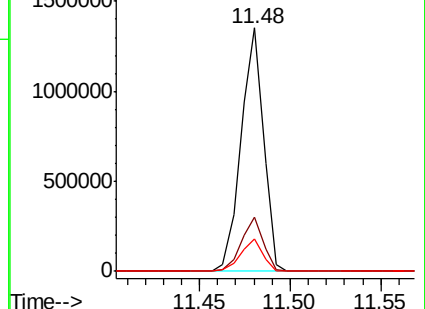
139 13.3 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.958 ng

RT: 11.82 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

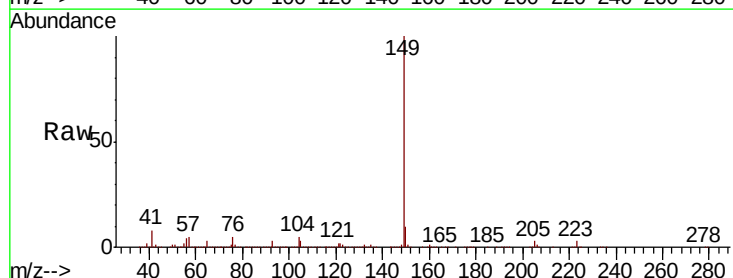
Tgt Ion:149 Resp: 1511015

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

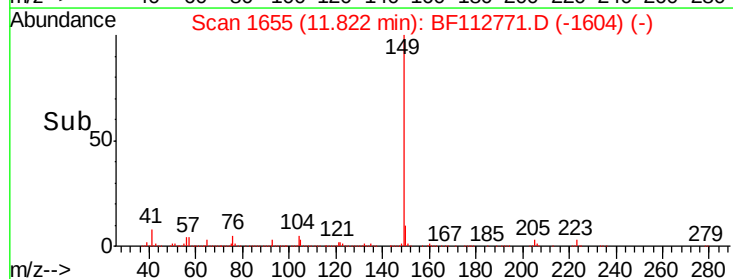
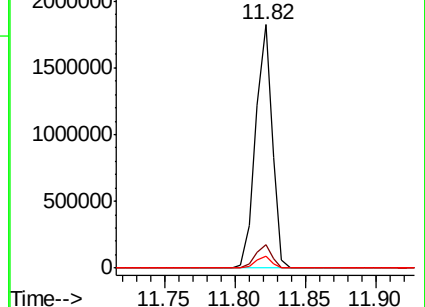
104 4.7 3.7 5.5

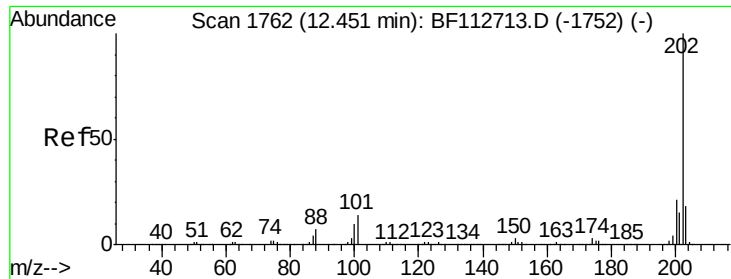


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

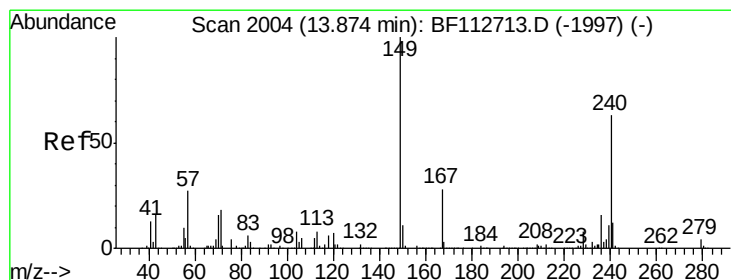
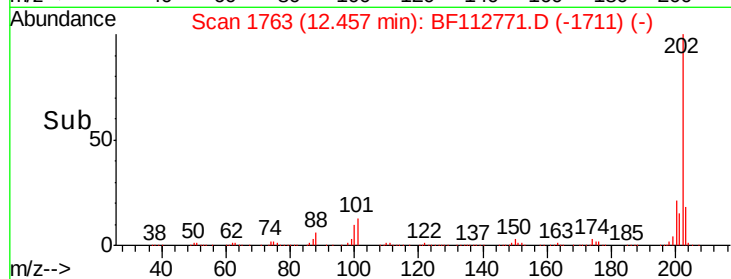
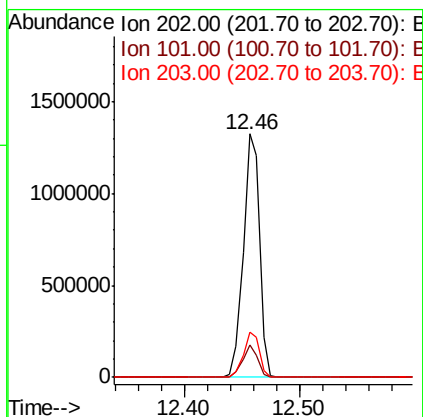
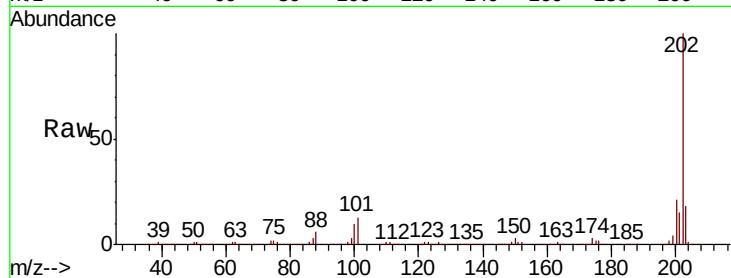




#75
 Fluoranthene
 Concen: 39.699 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

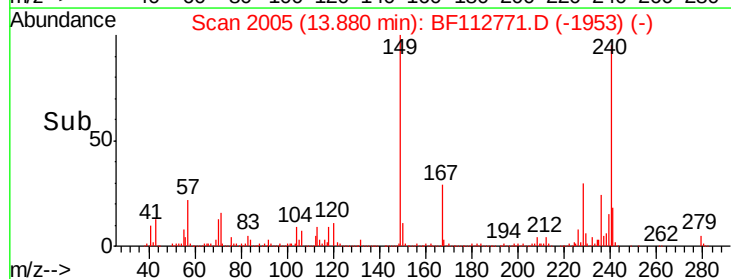
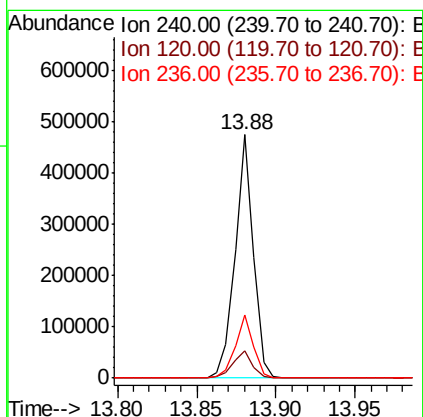
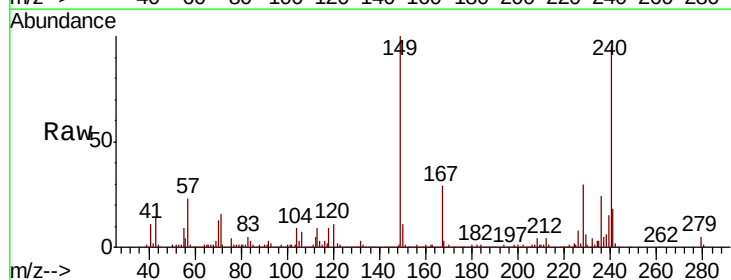
Instrument :
 BNA_F
 ClientSampleId :
 B-5(9-10)MS

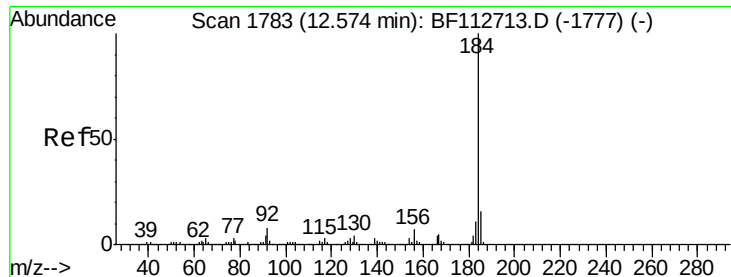
Tgt Ion: 202 Resp: 1281523
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 33.8
 203 18.4 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.01 min
 Lab File: BF112771.D
 Acq: 28 Feb 2019 19:56

Tgt Ion: 240 Resp: 379522
 Ion Ratio Lower Upper
 240 100
 120 11.2 8.9 13.3
 236 25.8 20.7 31.1

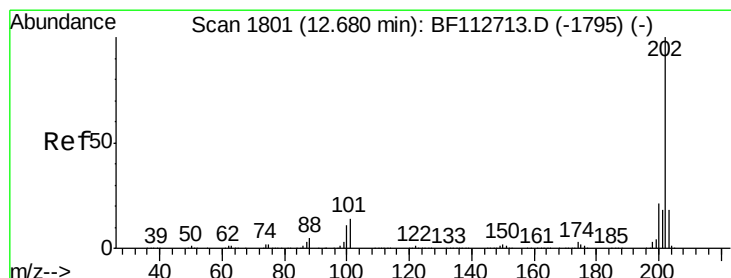
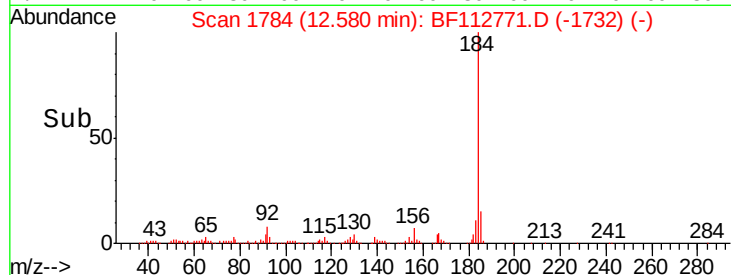
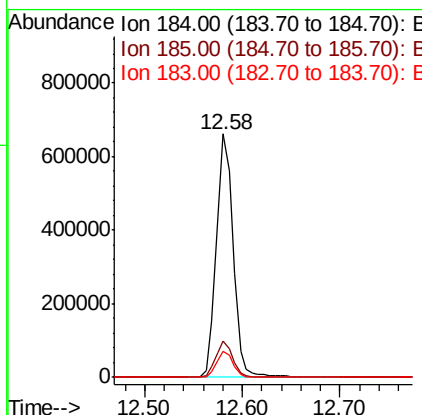
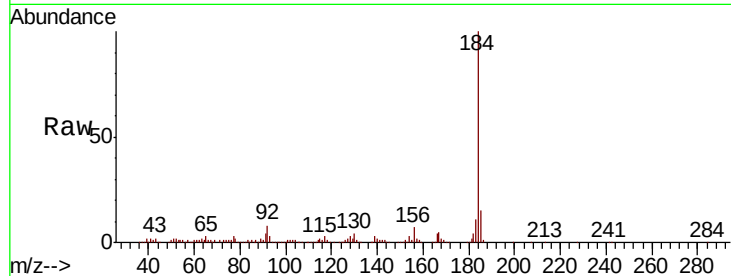




#77
Benzidine
Concen: 40.517 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

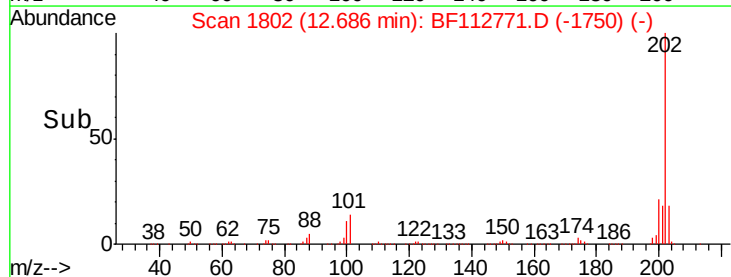
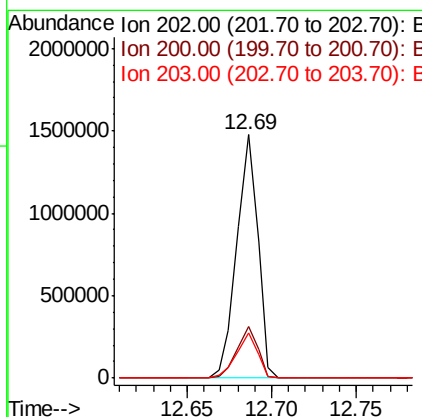
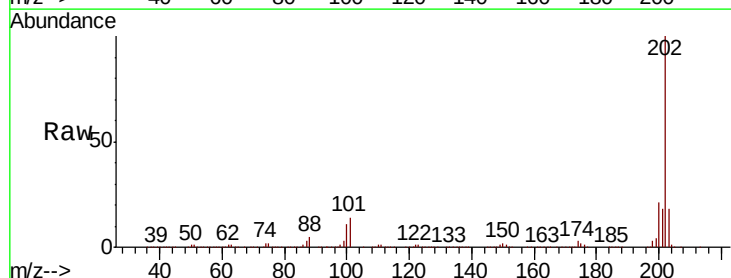
Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

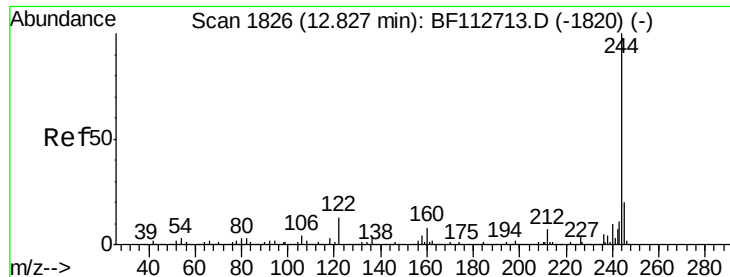
Tgt Ion:184 Resp: 797782
Ion Ratio Lower Upper
184 100
185 14.8 12.6 18.8
183 10.9 8.6 12.8



#78
Pyrene
Concen: 40.247 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion:202 Resp: 1287685
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 18.3 14.4 21.6





#79

Terphenyl-d14

Concen: 82.953 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)MS

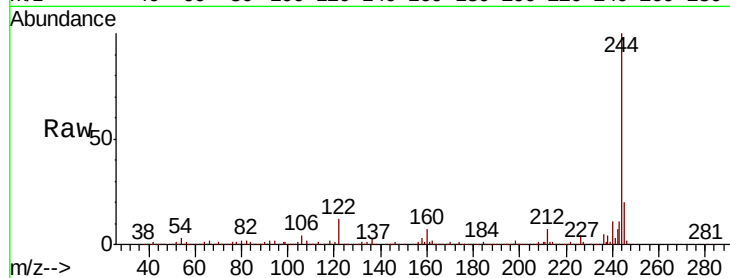
Tgt Ion:244 Resp: 1624075

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

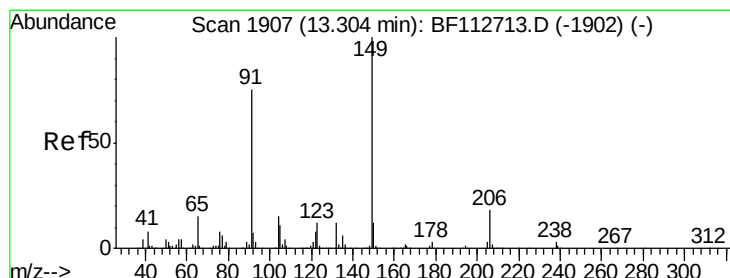
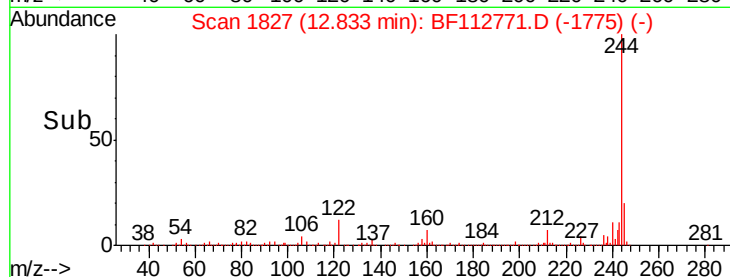
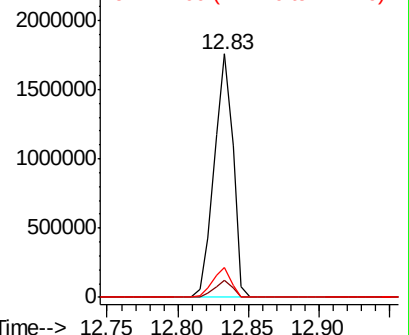
122 12.2 10.5 15.7



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: 41.008 ng

RT: 13.31 min Scan# 1908

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

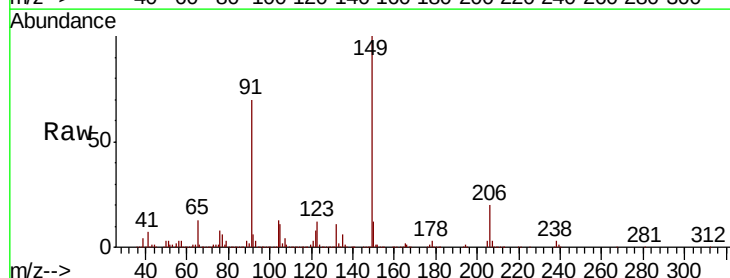
Tgt Ion:149 Resp: 579133

Ion Ratio Lower Upper

149 100

91 70.1 59.9 89.9

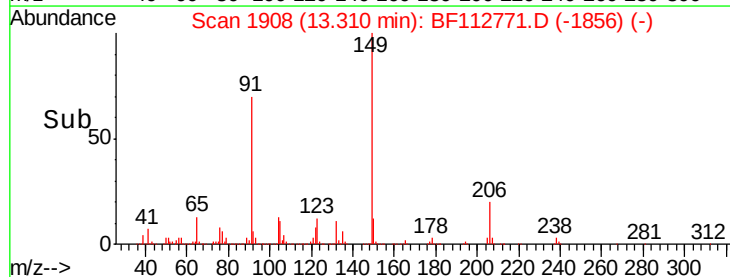
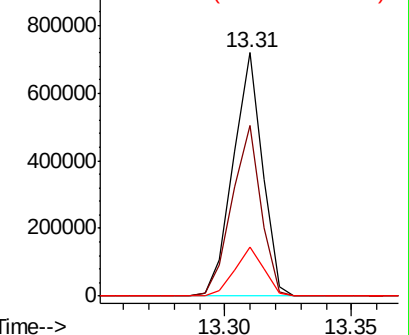
206 20.2 14.7 22.1

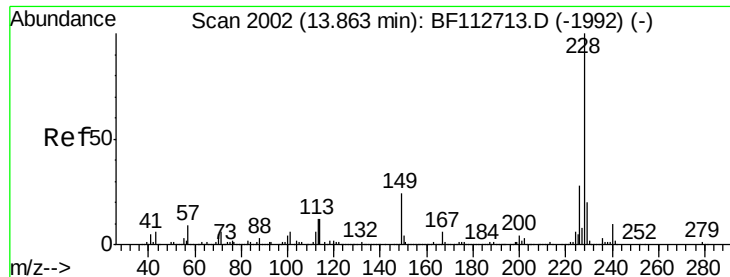


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.809 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)MS

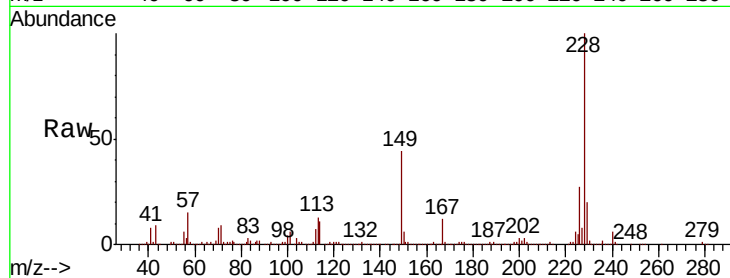
Tgt Ion:228 Resp: 1073409

Ion Ratio Lower Upper

228 100

226 27.1 22.2 33.4

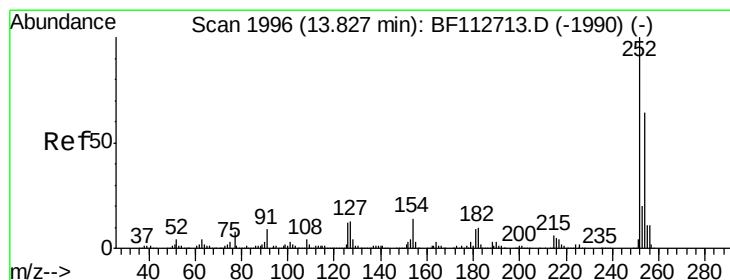
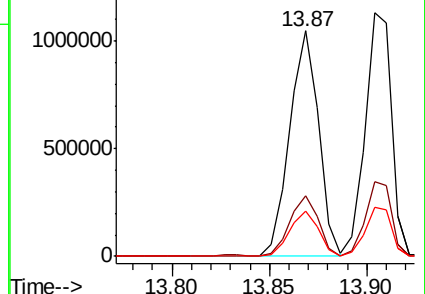
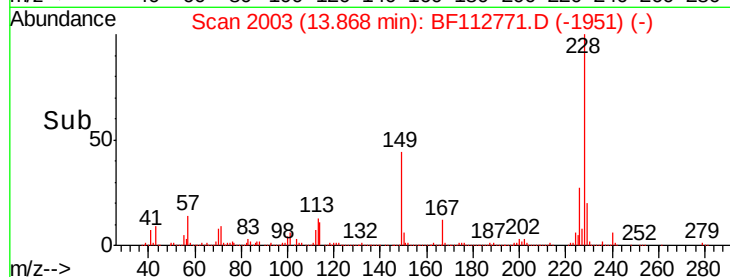
229 20.2 16.0 24.0



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: 44.173 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

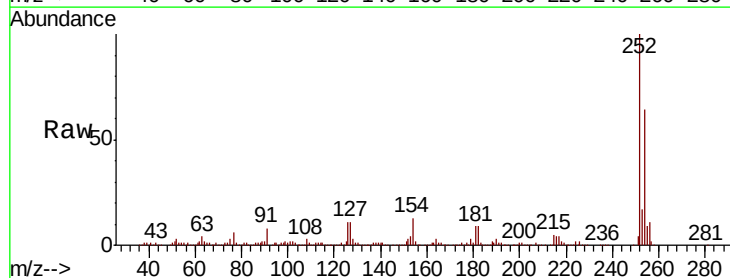
Tgt Ion:252 Resp: 439433

Ion Ratio Lower Upper

252 100

254 64.4 51.1 76.7

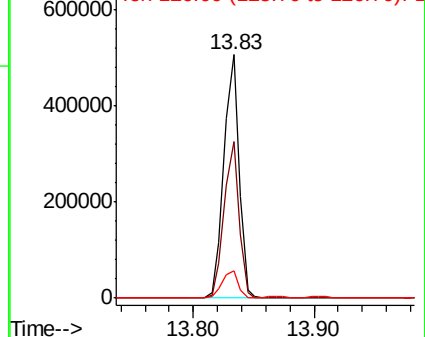
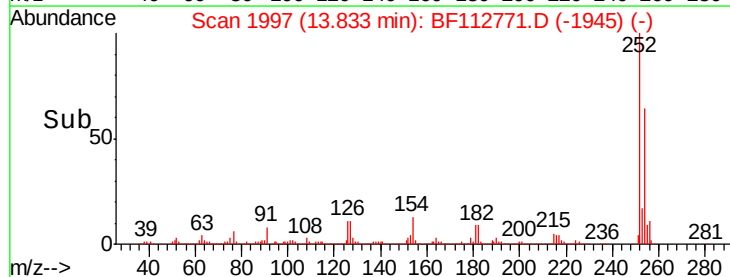
126 11.1 9.9 14.9

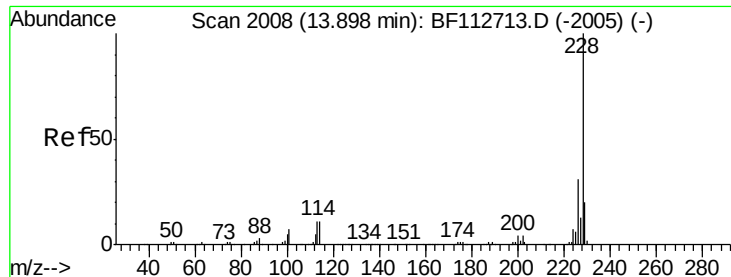


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.924 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)MS

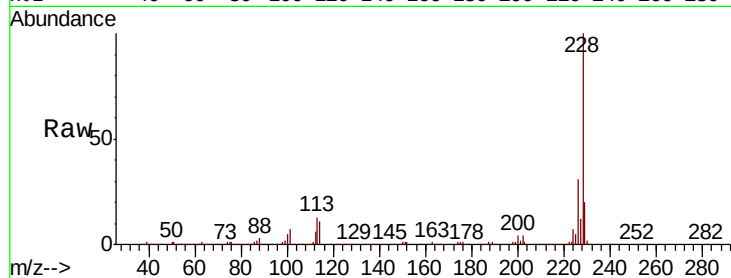
Tgt Ion:228 Resp: 1054401

Ion Ratio Lower Upper

228 100

226 30.5 24.9 37.3

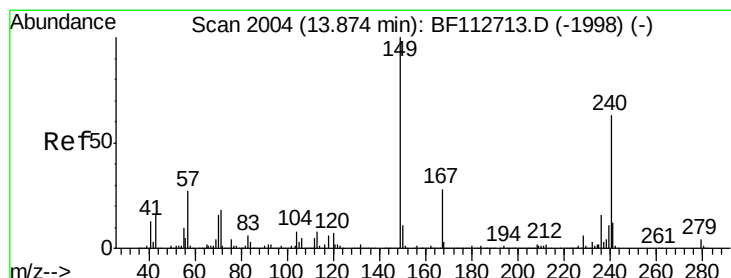
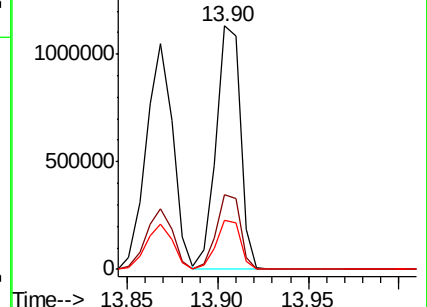
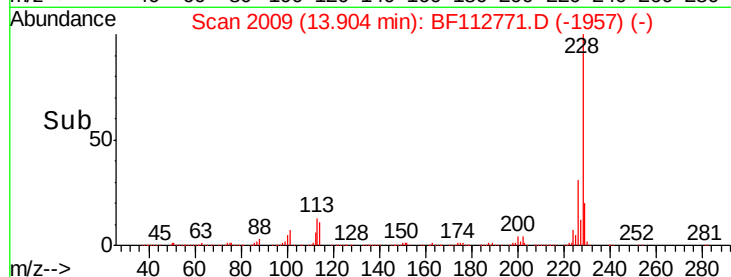
229 20.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.257 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

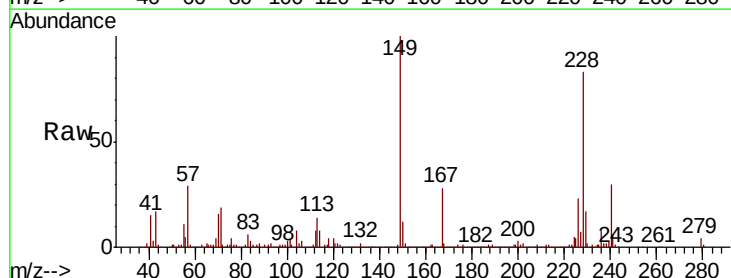
Tgt Ion:149 Resp: 699996

Ion Ratio Lower Upper

149 100

167 27.6 22.4 33.6

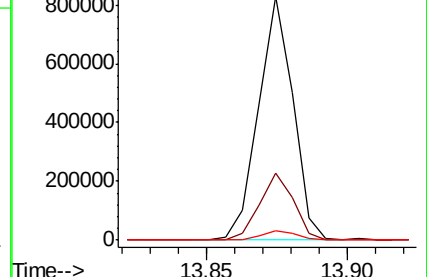
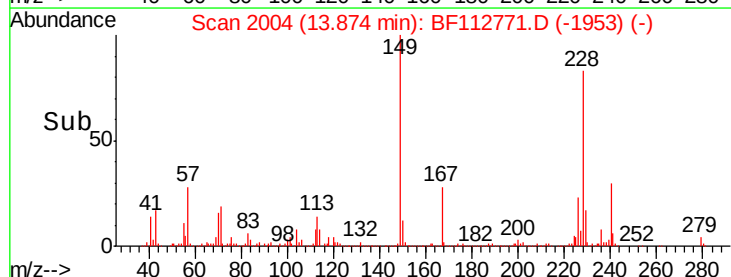
279 3.8 3.3 4.9

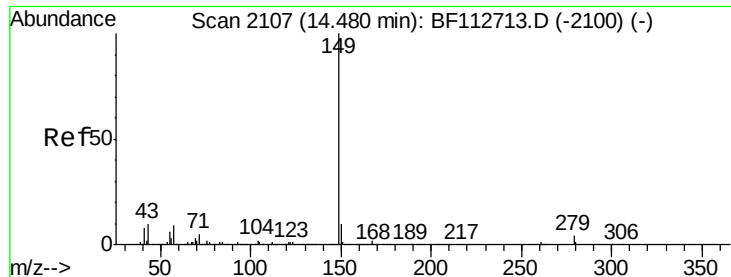


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

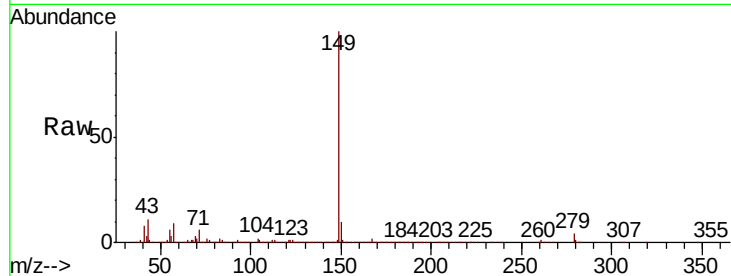




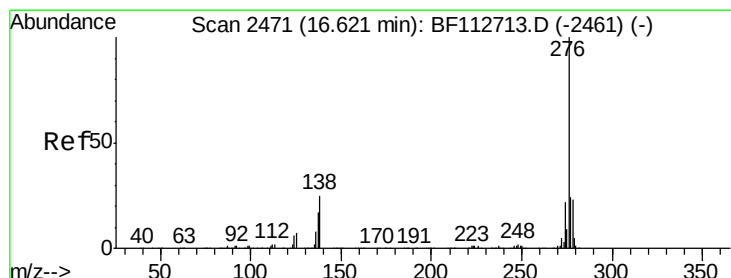
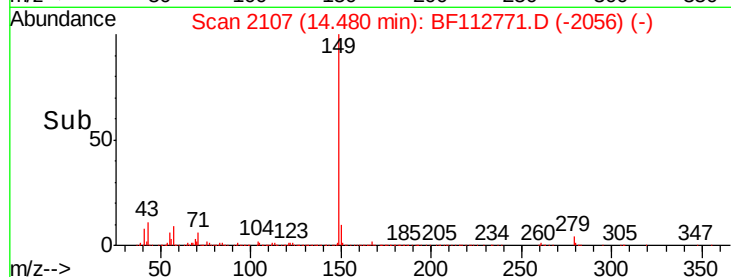
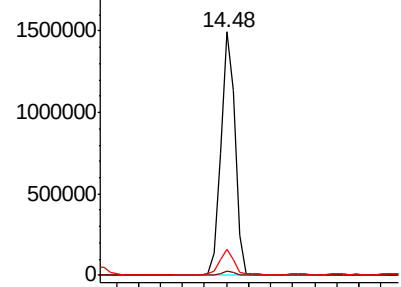
#85
Di-n-octyl phthalate
Concen: 46.964 ng
RT: 14.48 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tgt Ion:149 Resp: 1335866
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.4 9.0 13.4

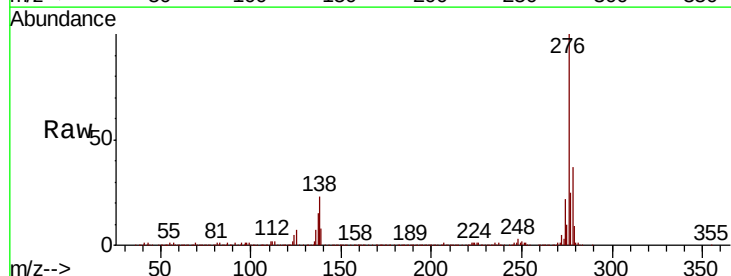


Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

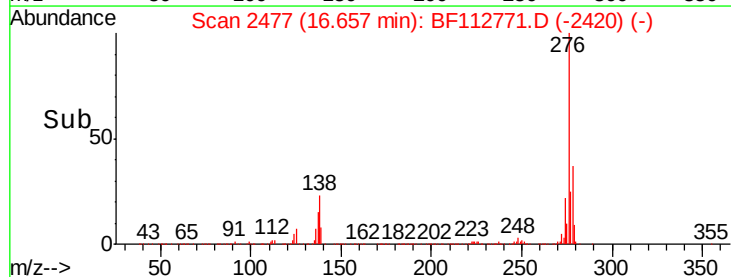
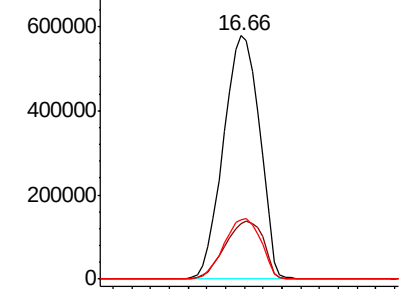


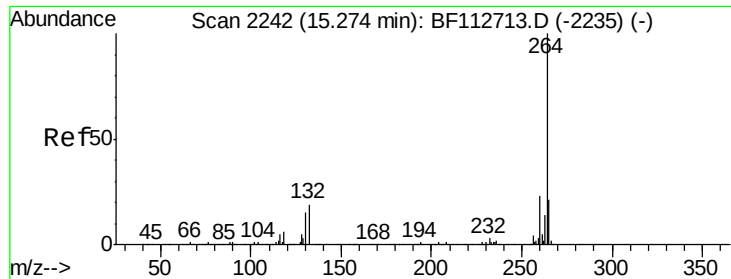
#86
Indeno(1,2,3-cd)pyrene
Concen: 70.522 ng
RT: 16.66 min Scan# 2477
Delta R.T. 0.04 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion:276 Resp: 1549039
Ion Ratio Lower Upper
276 100
138 25.3 23.2 34.8
277 25.5 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E
800000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2244

Delta R.T. 0.01 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

BNA_F

ClientSampleId :

B-5(9-10)MS

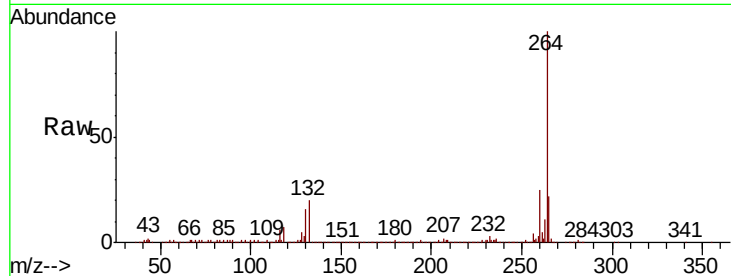
Tgt Ion:264 Resp: 483820

Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

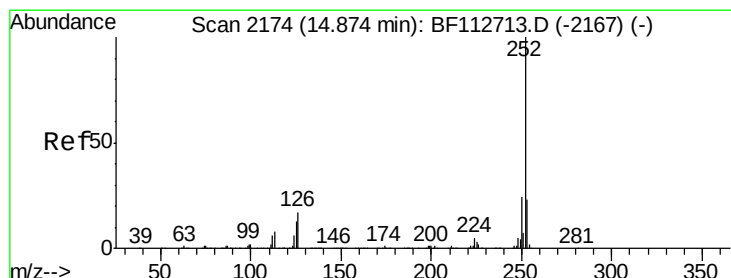
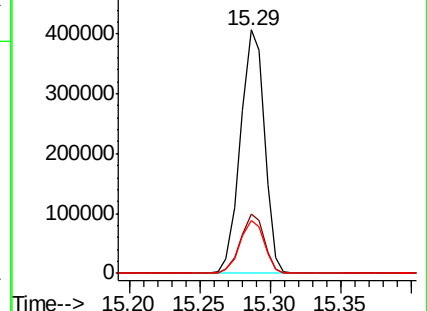
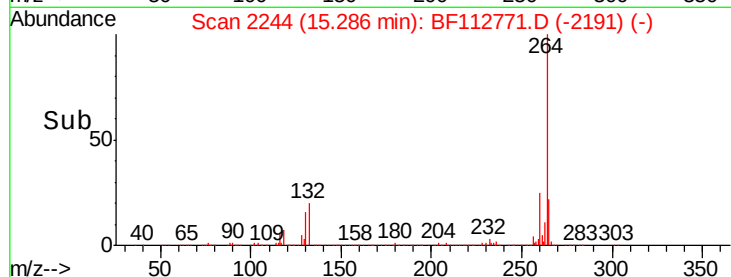
265 21.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.477 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.02 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

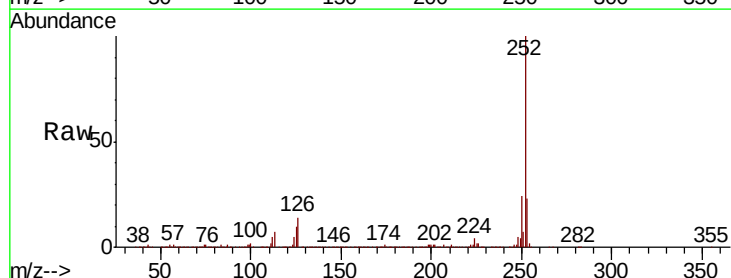
Tgt Ion:252 Resp: 1235435

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

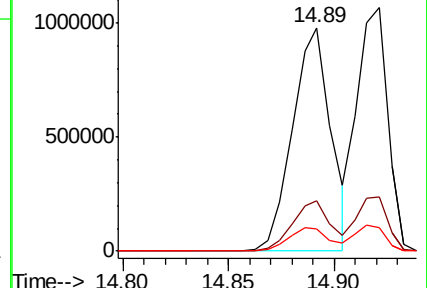
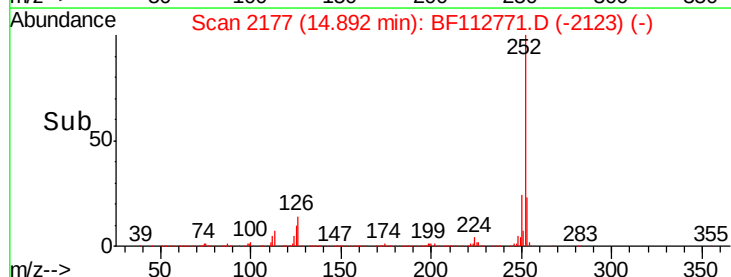
125 9.9 10.2 15.2#

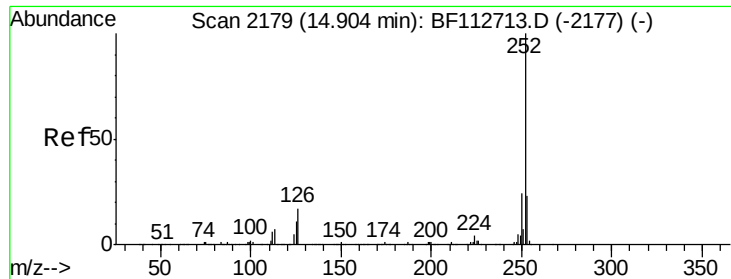


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

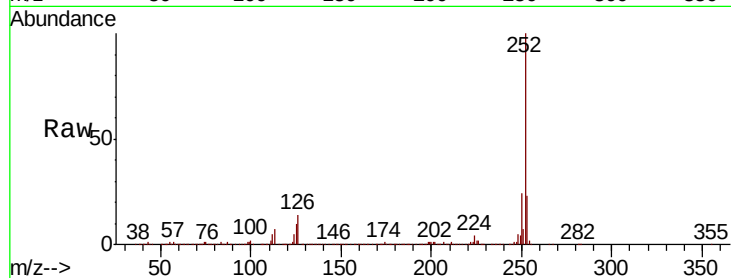




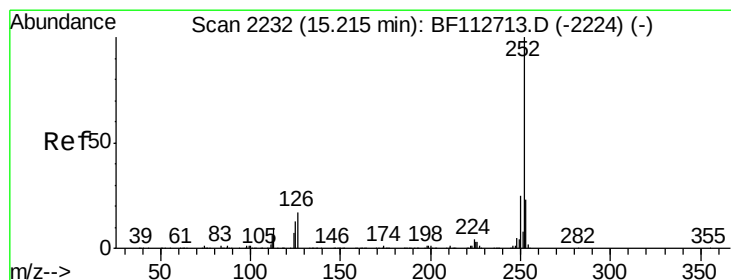
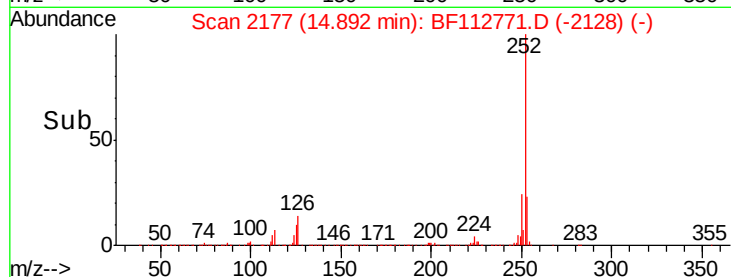
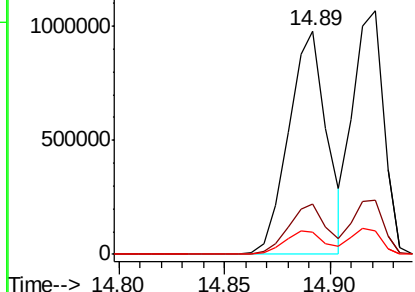
#89
Benzo(k)fluoranthene
Concen: 43.583 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Instrument :
BNA_F
ClientSampleId :
B-5(9-10)MS

Tgt Ion:252 Resp: 1235435
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 9.9 9.8 14.6

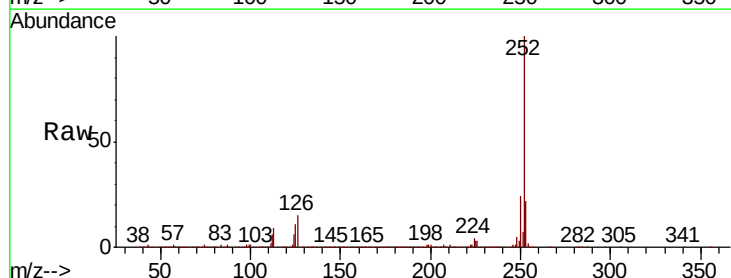


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

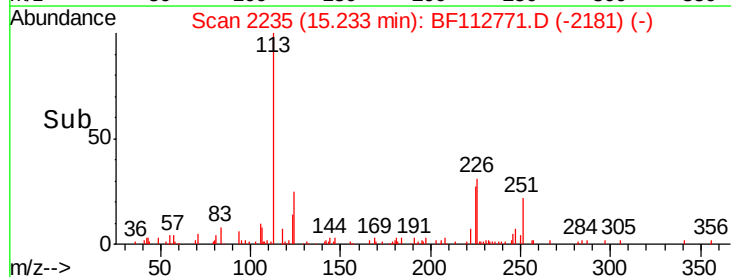
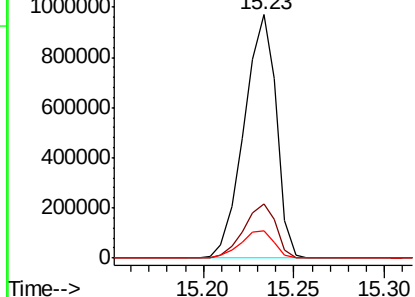


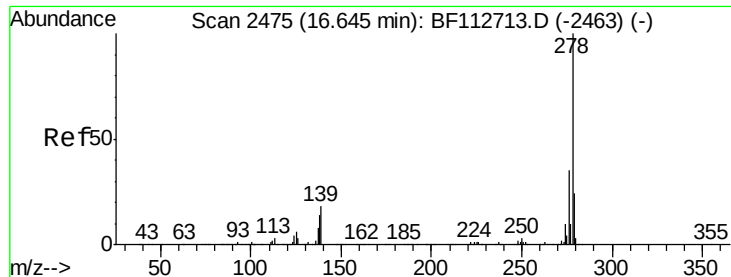
#90
Benzo(a)pyrene
Concen: 43.225 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.02 min
Lab File: BF112771.D
Acq: 28 Feb 2019 19:56

Tgt Ion:252 Resp: 1196496
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 11.5 10.7 16.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 53.698 ng

RT: 16.68 min Scan# 2481

Delta R.T. 0.04 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Instrument :

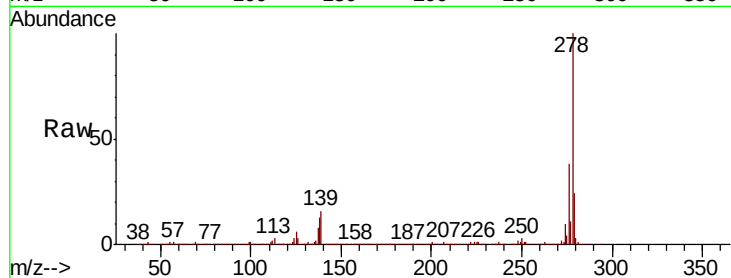
BNA_F

ClientSampleId :

B-5(9-10)MS

Tgt Ion:278 Resp: 1268370

Ion	Ratio	Lower	Upper
278	100		
139	15.7	14.3	21.5
279	24.0	19.4	29.0

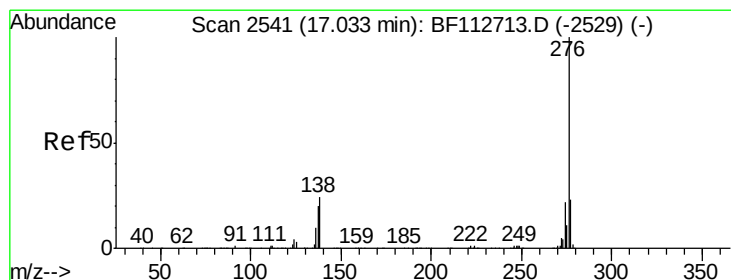
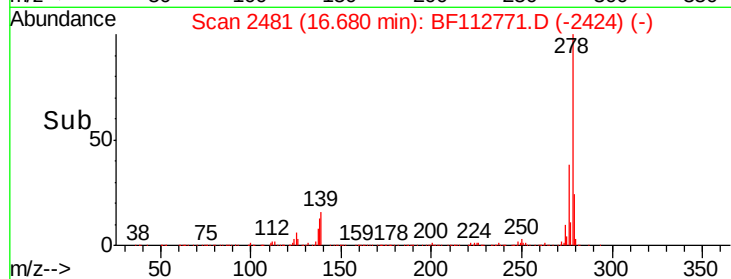
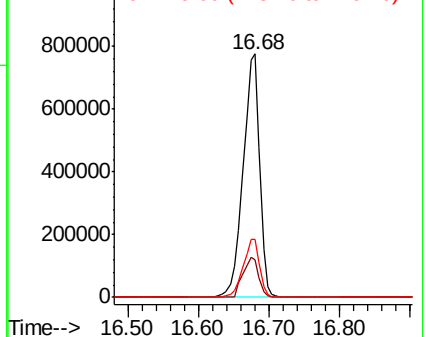


Abundance

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: 56.334 ng

RT: 17.07 min Scan# 2548

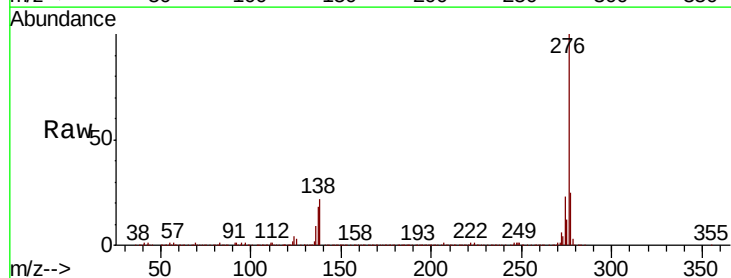
Delta R.T. 0.04 min

Lab File: BF112771.D

Acq: 28 Feb 2019 19:56

Tgt Ion:276 Resp: 1336131

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	27.8
138	22.0	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

