

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
 Data File : BF112752.D
 Acq On : 28 Feb 2019 10:34
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1(8-9)DL

Quant Time: Mar 01 04:41:59 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	206435	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	836024	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	391834	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	764820	20.00	ng	0.00
76) Chrysene-d12	13.88	240	488528	20.00	ng	0.00
87) Perylene-d12	15.29	264	423388	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1036358	78.09	ng	0.00
7) Phenol-d6	6.38	99	1308618	78.50	ng	0.01
23) Nitrobenzene-d5	7.31	82	1140516	81.63	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	362800	87.22	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1968808	86.45	ng	0.00
79) Terphenyl-d14	12.83	244	2030082	80.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	250783	37.699	ng	97
3) Pyridine	3.15	79	686583	38.578	ng	98
4) n-Nitrosodimethylamine	3.08	42	291746	37.474	ng	99
6) Aniline	6.40	93	885960	38.609	ng	100
8) 2-Chlorophenol	6.53	128	595107	40.284	ng	98
9) Benzaldehyde	6.29	77	460549	38.342	ng	96
10) Phenol	6.39	94	761989	39.170	ng	95
11) bis(2-Chloroethyl)ether	6.48	93	574016	38.444	ng	98
12) 1,3-Dichlorobenzene	6.69	146	612971	40.167	ng	99
13) 1,4-Dichlorobenzene	6.76	146	614006	40.120	ng	99
14) 1,2-Dichlorobenzene	6.92	146	564517	40.237	ng	98
15) Benzyl Alcohol	6.89	79	511566	40.243	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	935873	37.558	ng	98
17) 2-Methylphenol	7.00	107	474594	39.601	ng	97
18) Hexachloroethane	7.26	117	234602	40.018	ng	95
19) n-Nitroso-di-n-propylamine	7.16	70	401666	38.044	ng	99
20) 3+4-Methylphenols	7.16	107	541272	40.004	ng	# 89
22) Acetophenone	7.16	105	784071	40.109	ng	# 99
24) Nitrobenzene	7.33	77	622335	40.021	ng	97
25) Isophorone	7.57	82	1138778	37.834	ng	99
26) 2-Nitrophenol	7.64	139	304513	47.042	ng	95
27) 2,4-Dimethylphenol	7.68	122	464855	38.600	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	718155	38.162	ng	99
29) 2,4-Dichlorophenol	7.89	162	473925	40.581	ng	95
30) 1,2,4-Trichlorobenzene	7.97	180	505800	40.308	ng	99
31) Naphthalene	8.05	128	1606495	38.705	ng	100
32) Benzoic acid	7.80	122	379569	44.969	ng	92
33) 4-Chloroaniline	8.09	127	706114	40.165	ng	97
34) Hexachlorobutadiene	8.17	225	292467	41.327	ng	98
35) Caprolactam	8.47	113	166001	40.358	ng	95
36) 4-Chloro-3-methylphenol	8.58	107	511882	39.606	ng	94
37) 2-Methylnaphthalene	8.74	142	1056068	39.399	ng	100
38) 1-Methylnaphthalene	8.84	142	1026143	39.520	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	475068	41.577	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
 Data File : BF112752.D
 Acq On : 28 Feb 2019 10:34
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 B-1(8-9)DL

Quant Time: Mar 01 04:41:59 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

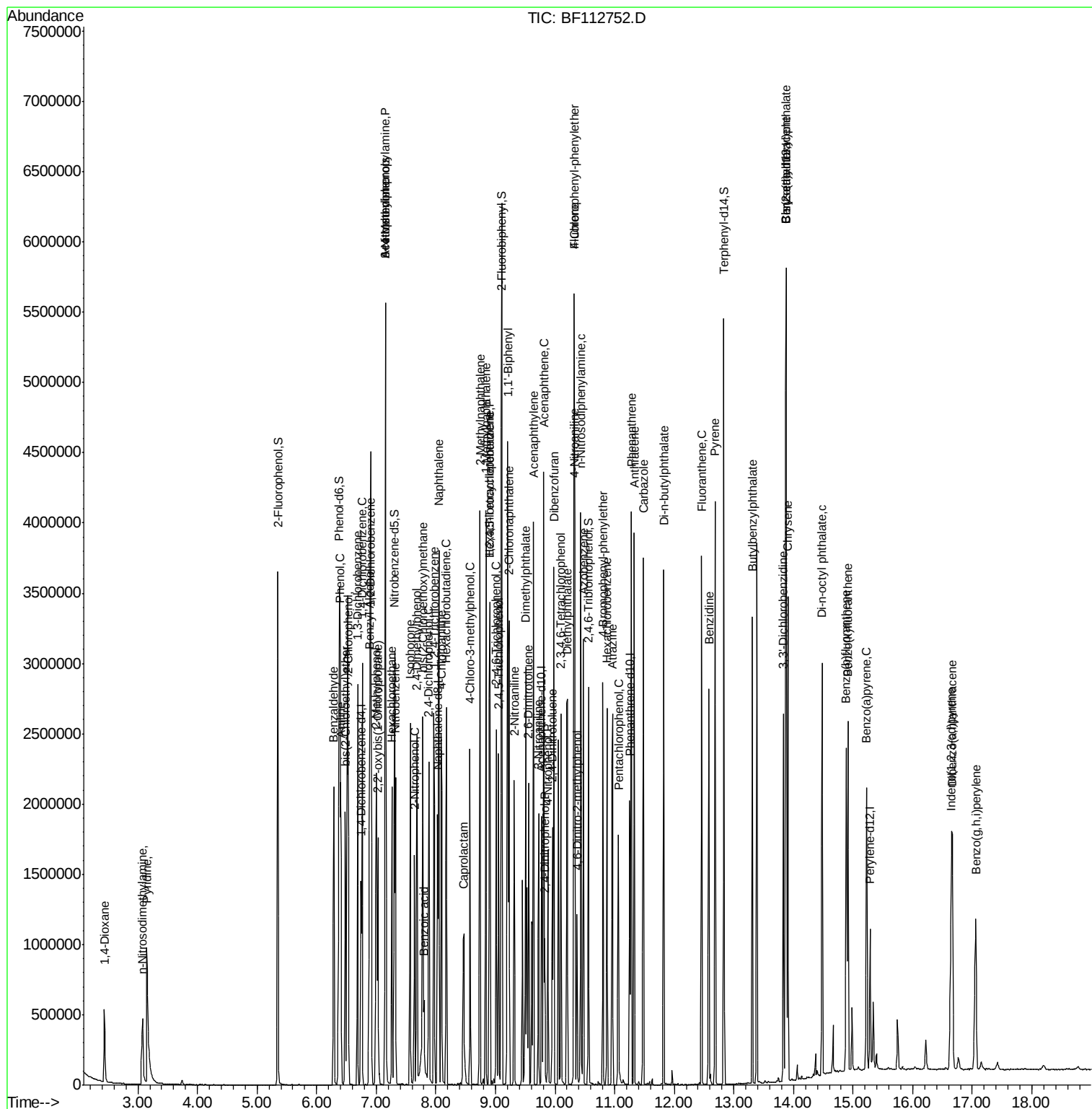
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	270644	43.254	ng	98
43) 2,4,6-Trichlorophenol	9.02	196	330034	41.968	ng	100
44) 2,4,5-Trichlorophenol	9.05	196	352478	41.468	ng	97
46) 1,1'-Biphenyl	9.20	154	1301529	40.723	ng	99
47) 2-Chloronaphthalene	9.23	162	993950	39.829	ng	98
48) 2-Nitroaniline	9.32	65	326630	43.060	ng	97
49) Acenaphthylene	9.64	152	1647126	38.878	ng	100
50) Dimethylphthalate	9.50	163	1137675	39.377	ng	100
51) 2,6-Dinitrotoluene	9.56	165	262605	43.648	ng	94
52) Acenaphthene	9.81	154	991571	40.022	ng	99
53) 3-Nitroaniline	9.73	138	310929	42.412	ng	100
54) 2,4-Dinitrophenol	9.83	184	107890	46.757	ng	# 91
55) Dibenzofuran	9.98	168	1411070	39.187	ng	98
56) 4-Nitrophenol	9.88	139	251969	42.290	ng	96
57) 2,4-Dinitrotoluene	9.96	165	338143	45.215	ng	# 81
58) Fluorene	10.32	166	1016256	39.764	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	302435	42.707	ng	97
60) Diethylphthalate	10.20	149	1168076	38.280	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	485843	40.859	ng	98
62) 4-Nitroaniline	10.33	138	287988	42.511	ng	99
63) Azobenzene	10.47	77	1166214	37.313	ng	97
65) 4,6-Dinitro-2-methylphenol	10.37	198	138643	44.491	ng	83
66) n-Nitrosodiphenylamine	10.43	169	960044	39.140	ng	99
67) 4-Bromophenyl-phenylether	10.80	248	334538	41.527	ng	96
68) Hexachlorobenzene	10.87	284	376698	41.482	ng	# 91
69) Atrazine	10.96	200	302249	40.234	ng	98
70) Pentachlorophenol	11.06	266	229819	42.998	ng	97
71) Phenanthrene	11.28	178	1546592	40.643	ng	99
72) Anthracene	11.33	178	1551402	38.948	ng	100
73) Carbazole	11.48	167	1508647	38.825	ng	99
74) Di-n-butylphthalate	11.82	149	1768516	37.957	ng	99
75) Fluoranthene	12.46	202	1629600	39.971	ng	97
77) Benzidine	12.58	184	1018965	40.203	ng	99
78) Pyrene	12.69	202	1657920	40.256	ng	99
80) Butylbenzylphthalate	13.31	149	727609	40.025	ng	95
81) Benzo(a)anthracene	13.87	228	1281936	37.862	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	524915	40.992	ng	100
83) Chrysene	13.91	228	1273753	38.406	ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	809422	37.960	ng	99
85) Di-n-octyl phthalate	14.48	149	1345963	36.761	ng	98
86) Indeno(1,2,3-cd)pyrene	16.64	276	1041457	36.834	ng	97
88) Benzo(b)fluoranthene	14.89	252	1181964	43.160	ng	99
89) Benzo(k)fluoranthene	14.92	252	916952	36.965	ng	98
90) Benzo(a)pyrene	15.23	252	974809	40.243	ng	99
91) Dibenzo(a,h)anthracene	16.66	278	841780	40.724	ng	99
92) Benzo(g,h,i)perylene	17.06	276	846449	40.782	ng	98

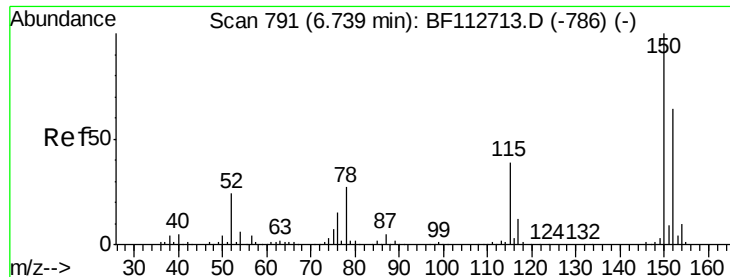
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\SV0ASRV\HPCHEM1\BNA_F\DATA\BF022819\
Data File : BF112752.D
Acq On    : 28 Feb 2019  10:34
Operator  : JU/SJ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Quant Time: Mar 01 04:41:59 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



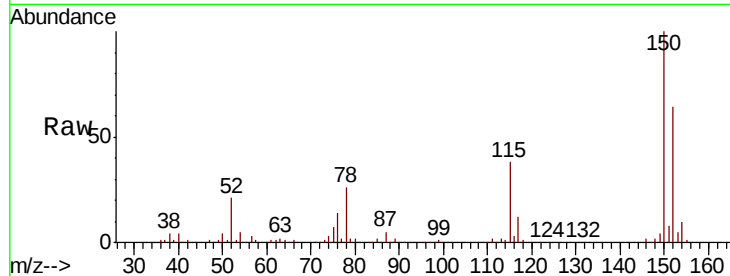


#1

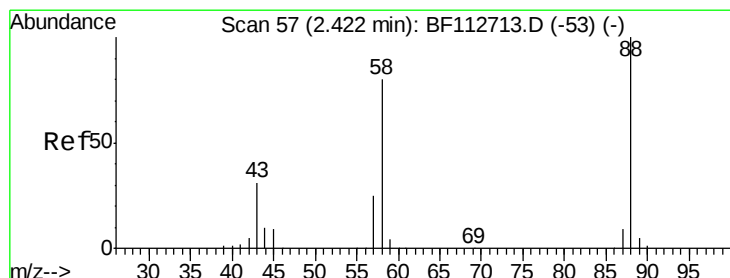
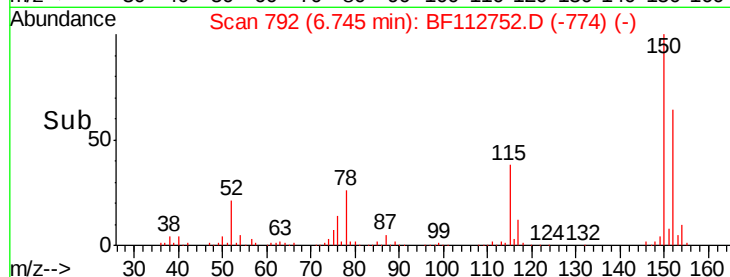
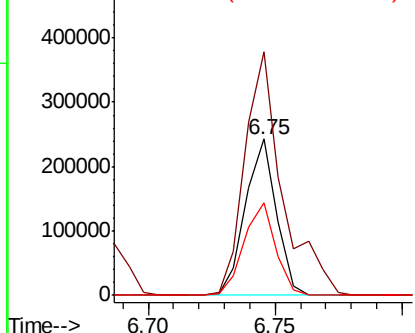
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tgt Ion: 152 Resp: 206435
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 59.2 48.2 72.4



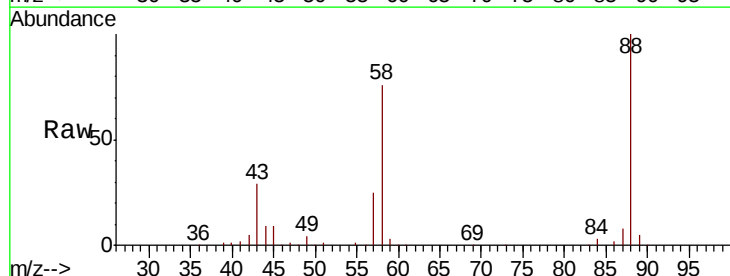
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



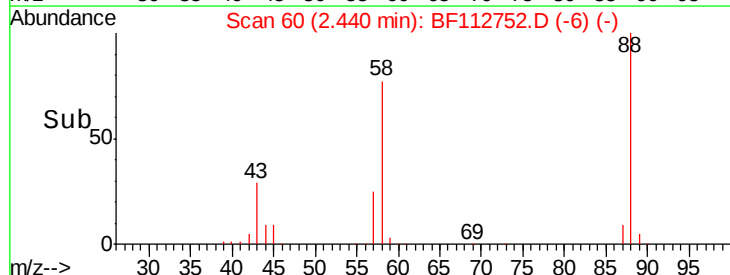
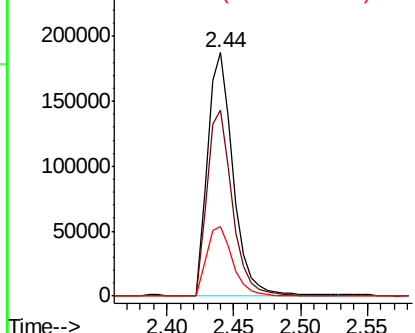
#2

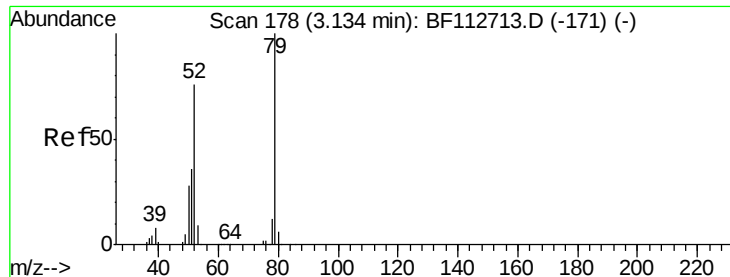
1,4-Dioxane
Concen: 37.699 ng
RT: 2.44 min Scan# 60
Delta R.T. 0.02 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Tgt Ion: 88 Resp: 250783
Ion Ratio Lower Upper
88 100
58 76.2 63.1 94.7
43 29.6 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: 38.578 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.02 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

Instrument :

BNA_F

ClientSampleId :

B-1(8-9)DL

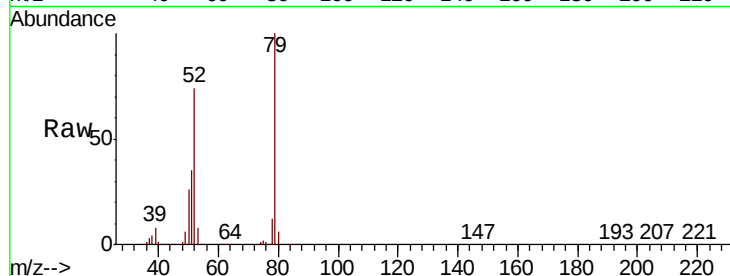
Tgt Ion: 79 Resp: 686583

Ion Ratio Lower Upper

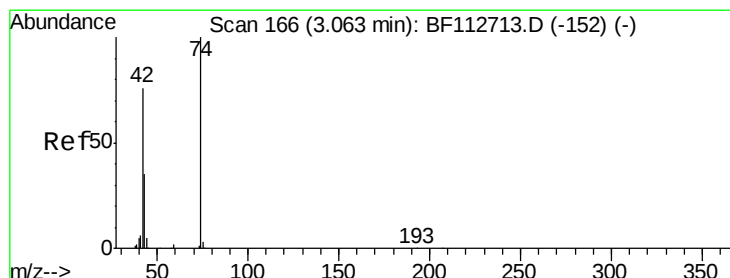
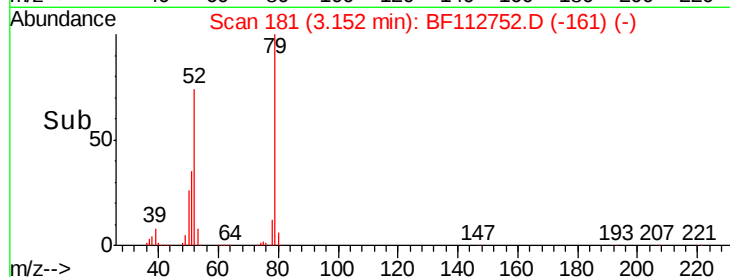
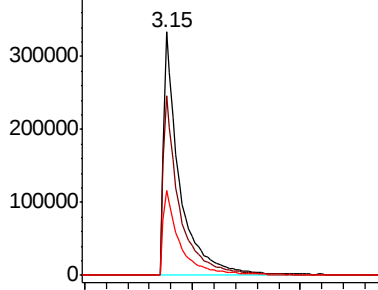
79 100

52 74.0 60.5 90.7

51 34.8 28.8 43.2



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



#4

n-Nitrosodimethylamine

Concen: 37.474 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.02 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

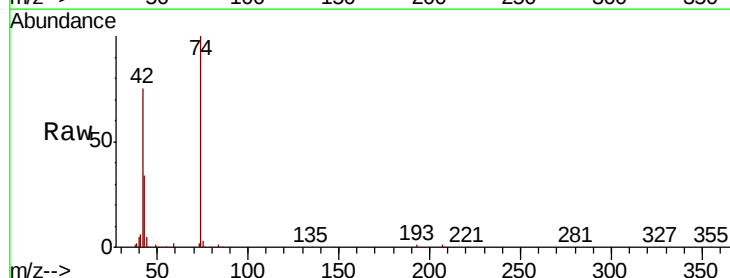
Tgt Ion: 42 Resp: 291746

Ion Ratio Lower Upper

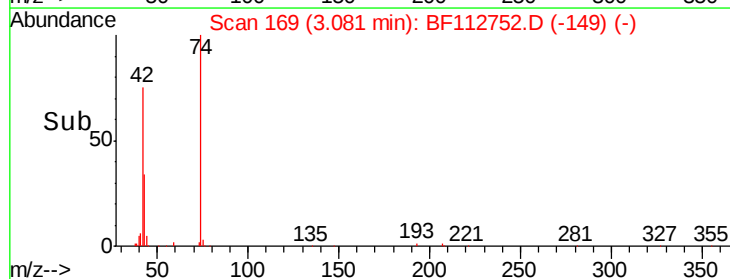
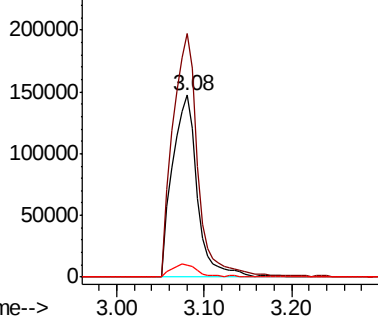
42 100

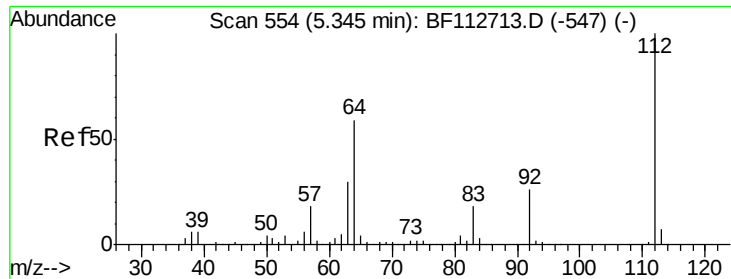
74 133.7 105.8 158.8

44 6.8 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: 78.092 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

Instrument :

BNA_F

ClientSampleId :

B-1(8-9)DL

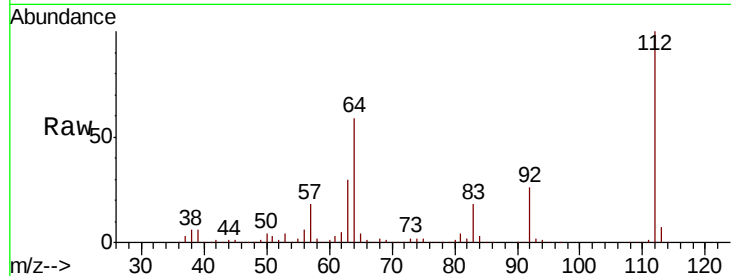
Tgt Ion: 112 Resp: 1036358

Ion Ratio Lower Upper

112 100

64 59.4 47.6 71.4

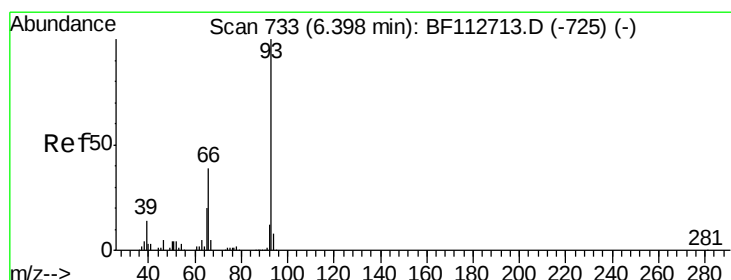
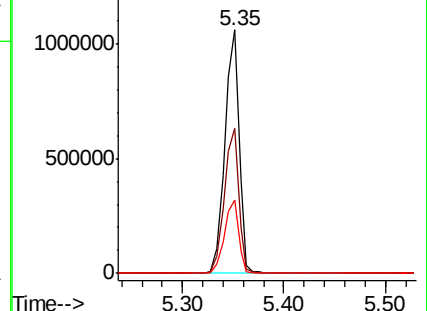
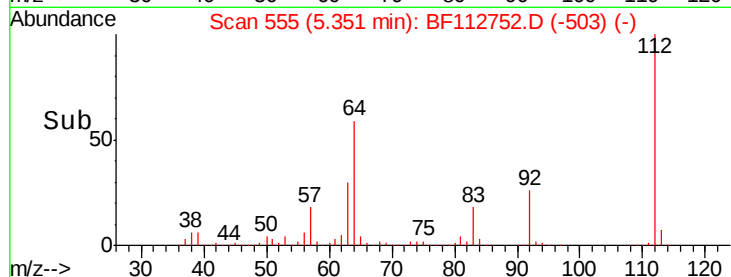
63 30.3 24.4 36.6



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: 38.609 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

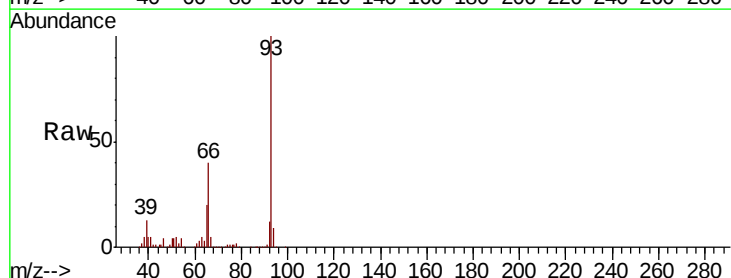
Tgt Ion: 93 Resp: 885960

Ion Ratio Lower Upper

93 100

66 40.2 32.2 48.2

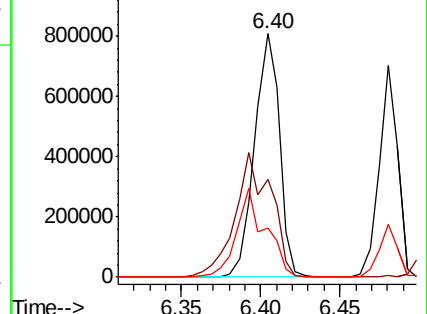
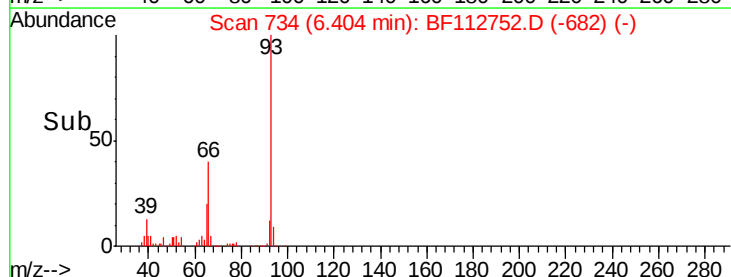
65 20.1 16.2 24.4

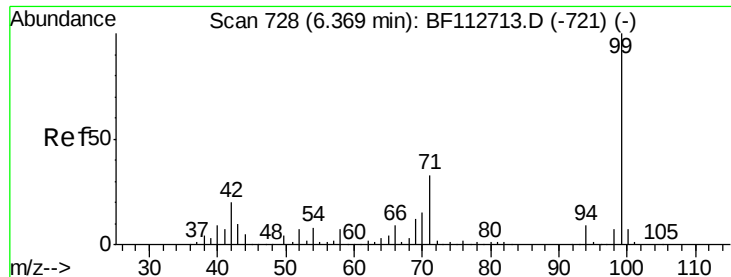


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.499 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

Instrument :

BNA_F

ClientSampled :

B-1(8-9)DL

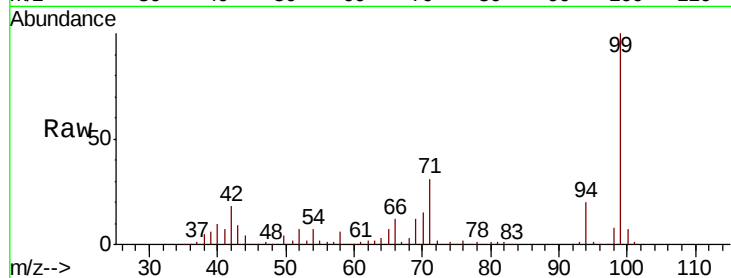
Tgt Ion: 99 Resp: 1308618

Ion Ratio Lower Upper

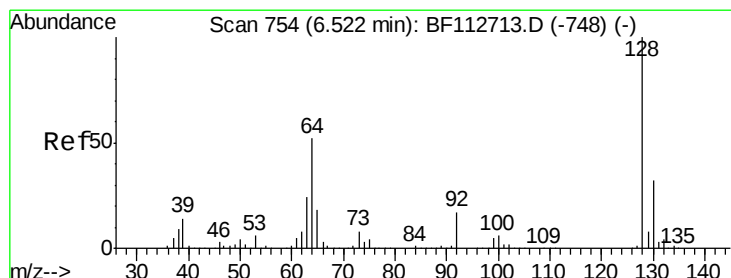
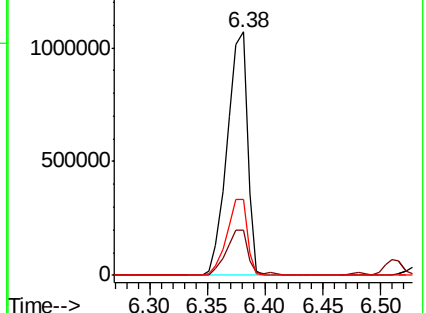
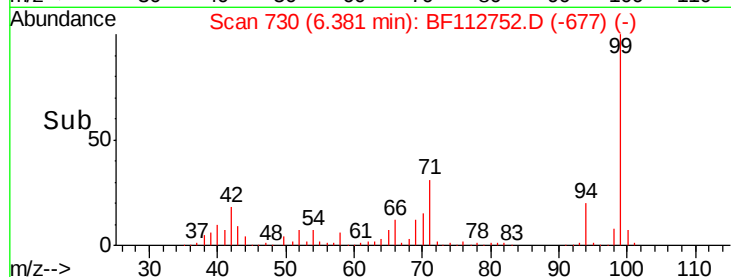
99 100

42 18.5 16.3 24.5

71 31.4 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: 40.284 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

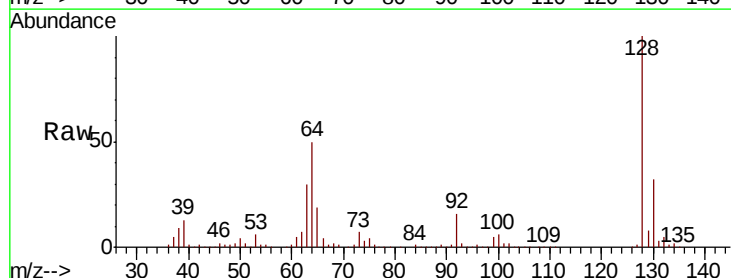
Tgt Ion: 128 Resp: 595107

Ion Ratio Lower Upper

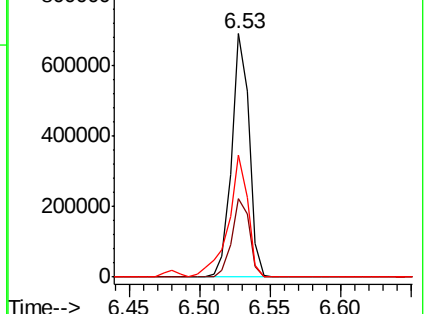
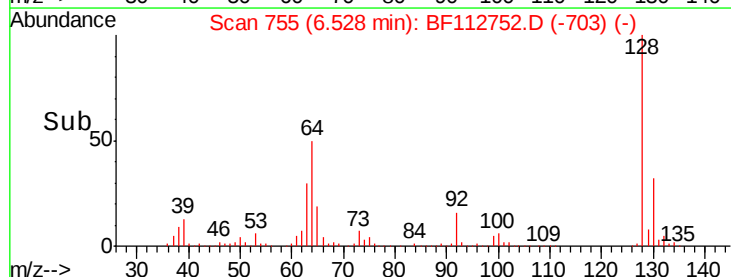
128 100

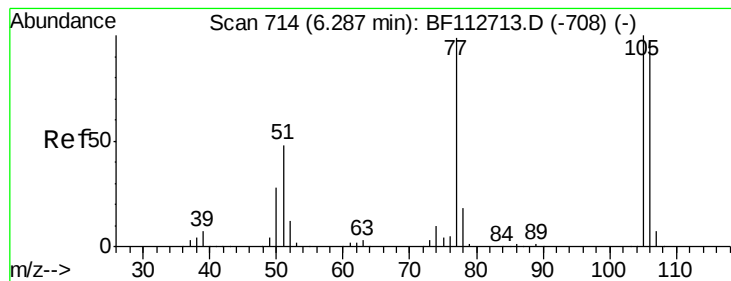
130 32.2 12.4 52.4

64 50.4 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: 38.342 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

Instrument :

BNA_F

ClientSampleId :

B-1(8-9)DL

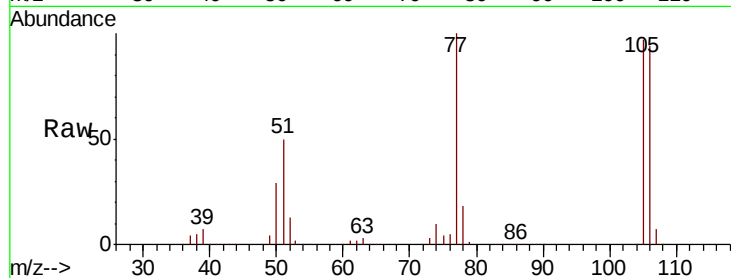
Tgt Ion: 77 Resp: 460549

Ion Ratio Lower Upper

77 100

105 96.6 81.4 121.4

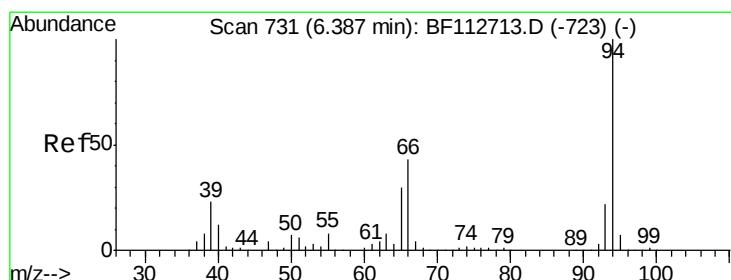
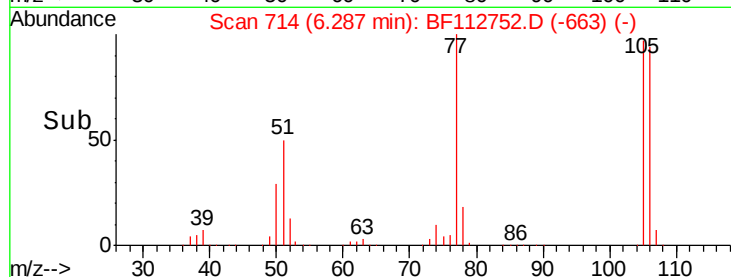
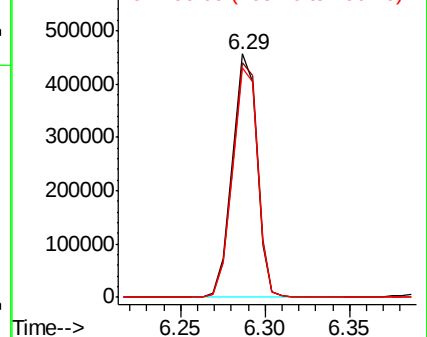
106 94.2 78.3 118.3



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: 39.170 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

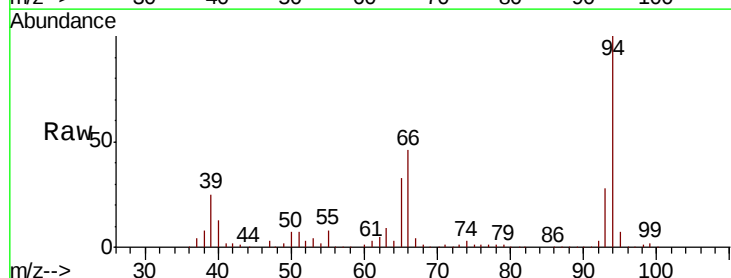
Tgt Ion: 94 Resp: 761989

Ion Ratio Lower Upper

94 100

65 32.6 10.5 50.5

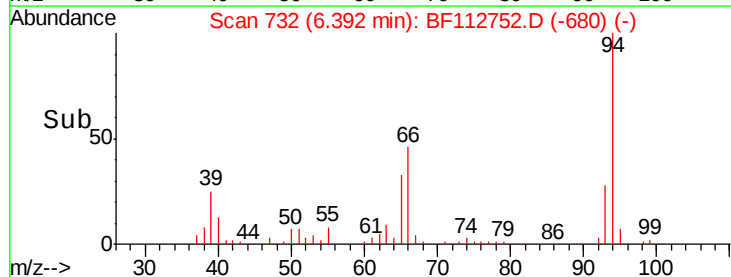
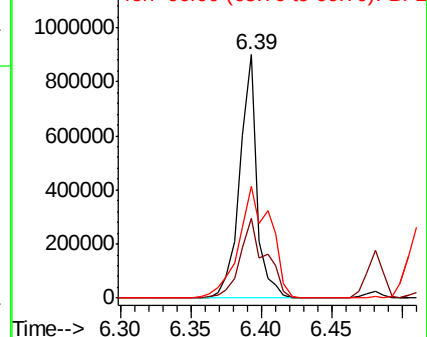
66 45.8 22.6 62.6



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

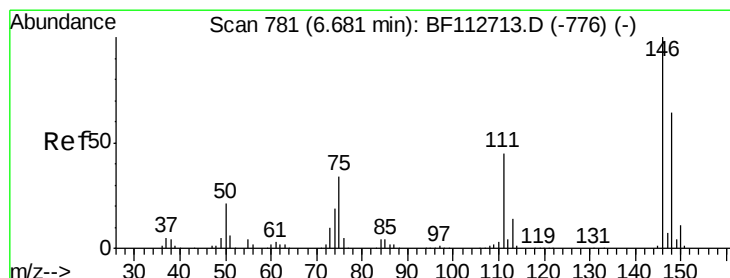
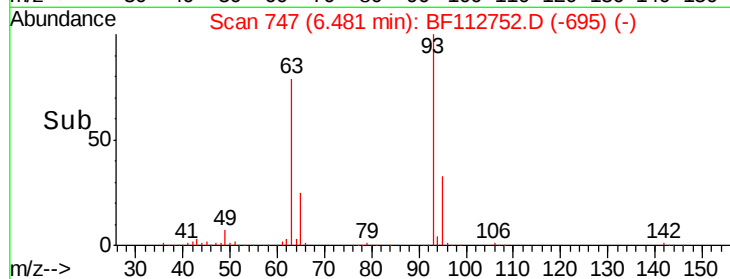
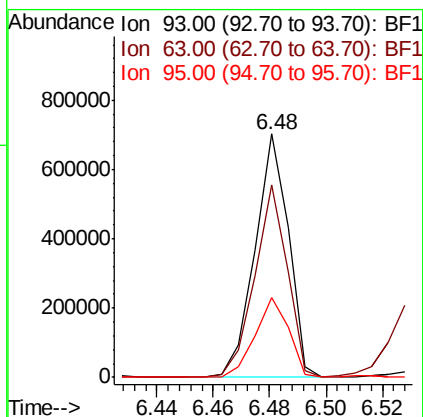
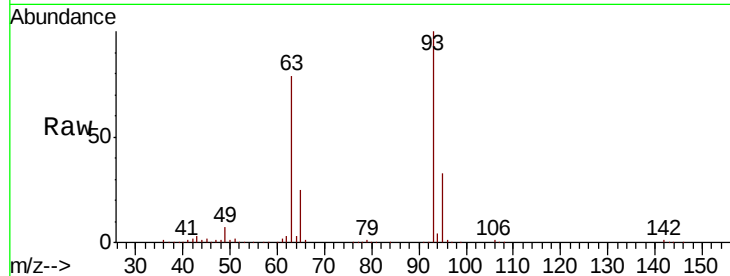




#11
bis(2-Chloroethyl)ether
Concen: 38.444 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

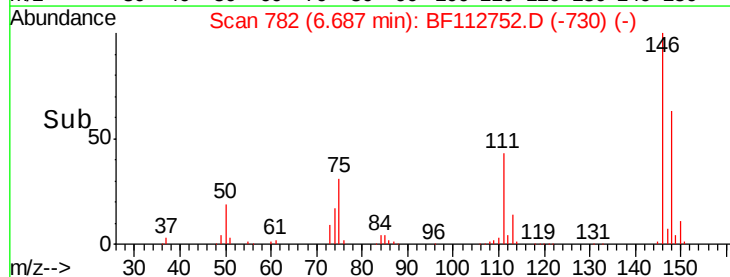
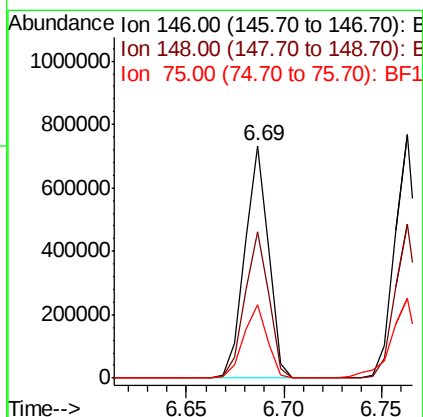
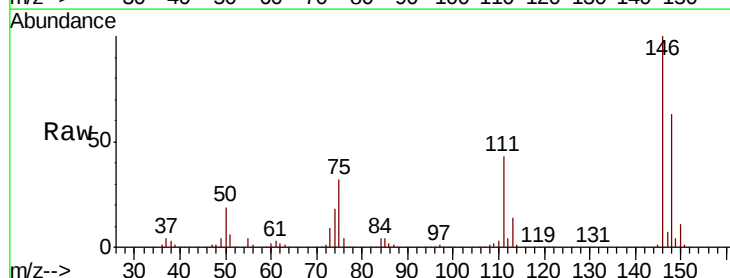
Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

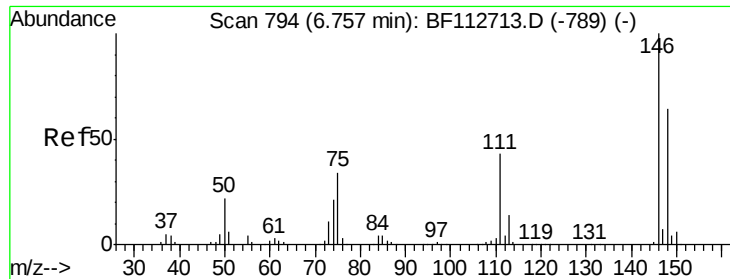
Tgt Ion: 93 Resp: 574016
Ion Ratio Lower Upper
93 100
63 78.9 60.5 100.5
95 32.6 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.167 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Tgt Ion: 146 Resp: 612971
Ion Ratio Lower Upper
146 100
148 63.2 50.9 76.3
75 31.8 26.9 40.3

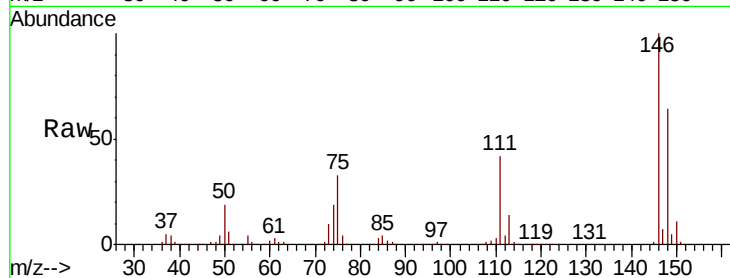




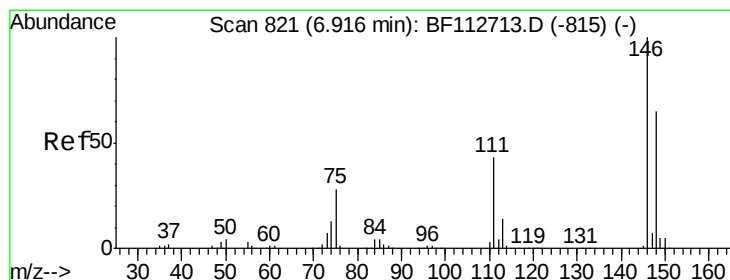
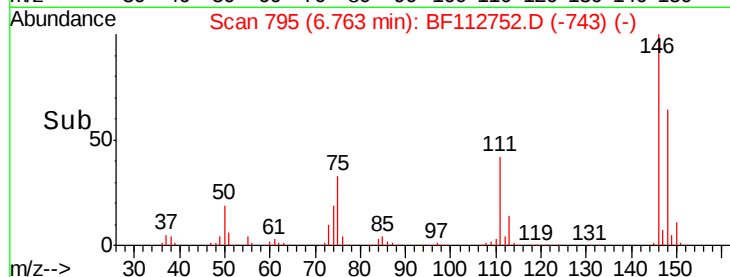
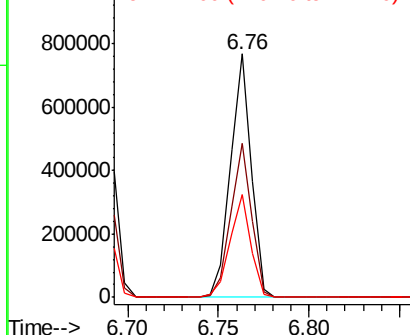
#13
 1,4-Dichlorobenzene
 Concen: 40.120 ng
 RT: 6.76 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Instrument :
 BNA_F
 ClientSampled :
 B-1(8-9)DL

Tgt Ion:146 Resp: 614006
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.0 76.4
 111 42.3 34.5 51.7

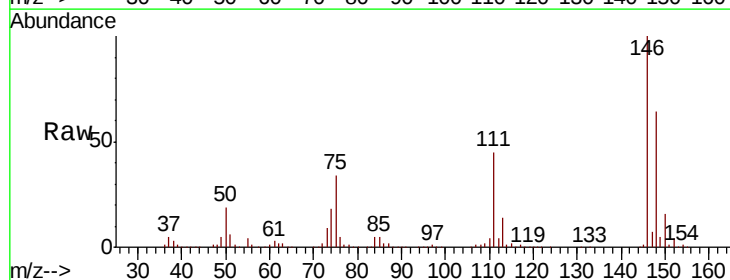


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

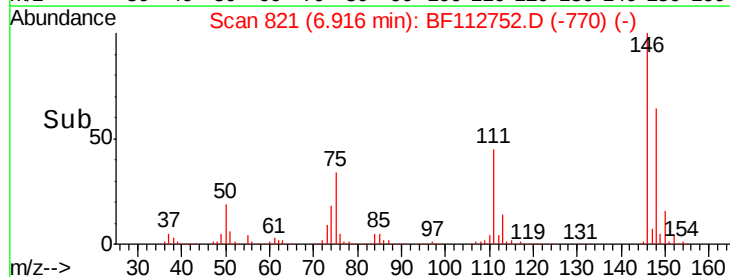
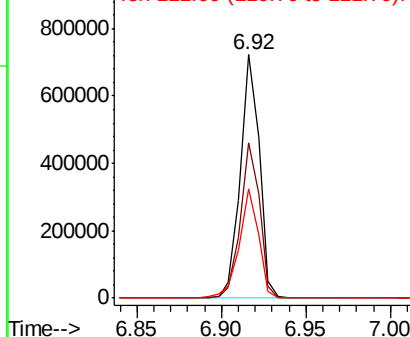


#14
 1,2-Dichlorobenzene
 Concen: 40.237 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Tgt Ion:146 Resp: 564517
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.0 78.0
 111 44.7 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: 40.243 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

Instrument :

BNA_F

ClientSampleId :

B-1(8-9)DL

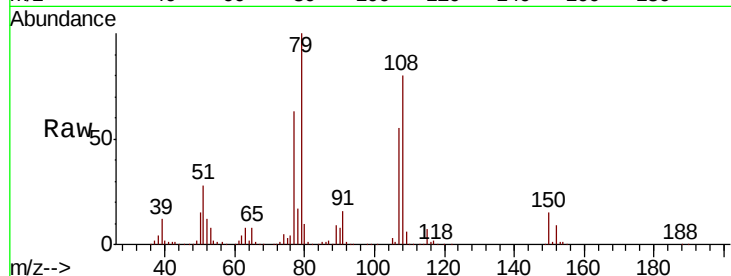
Tgt Ion: 79 Resp: 511566

Ion Ratio Lower Upper

79 100

108 80.5 64.2 96.4

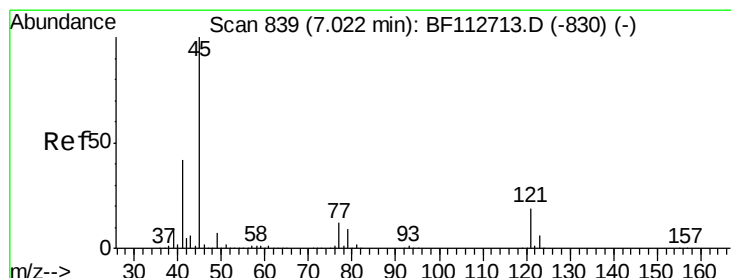
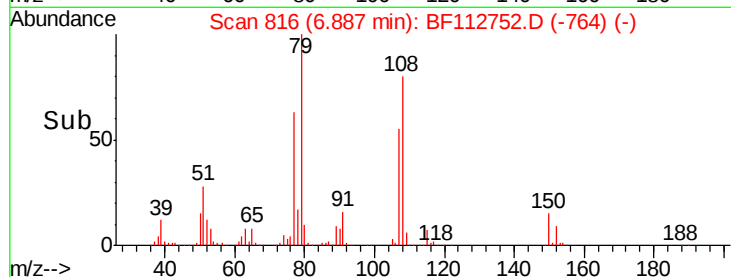
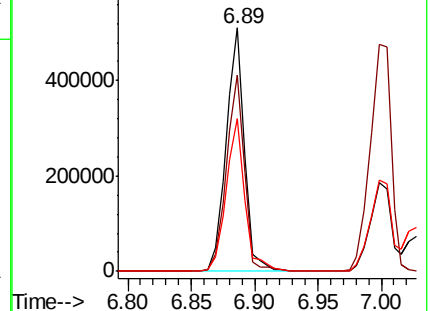
77 62.8 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.558 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

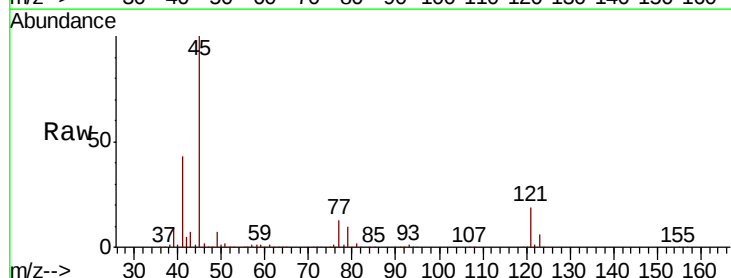
Tgt Ion: 45 Resp: 935873

Ion Ratio Lower Upper

45 100

77 12.8 0.0 32.1

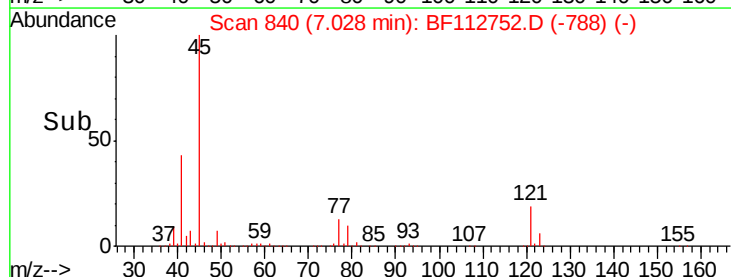
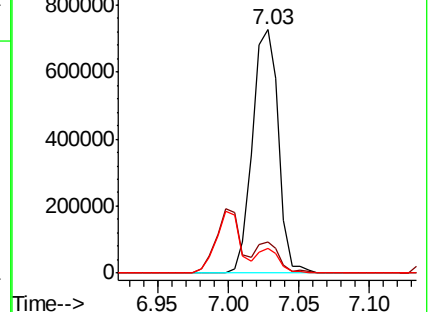
79 10.0 0.0 29.4

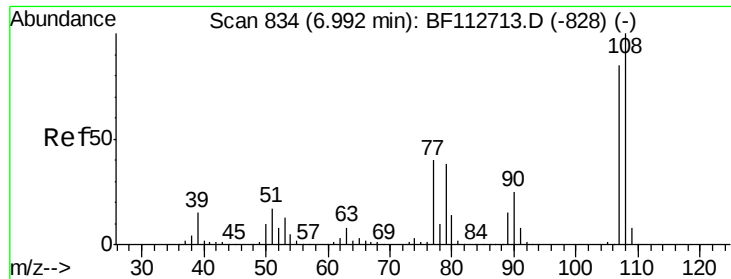


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

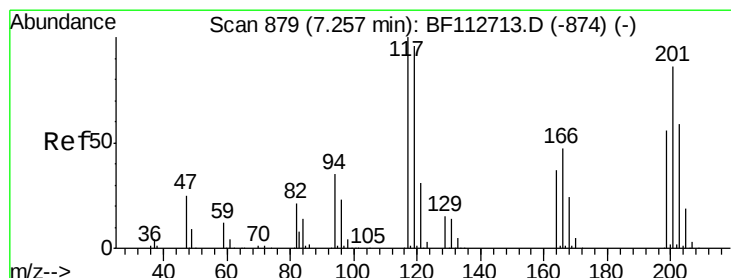
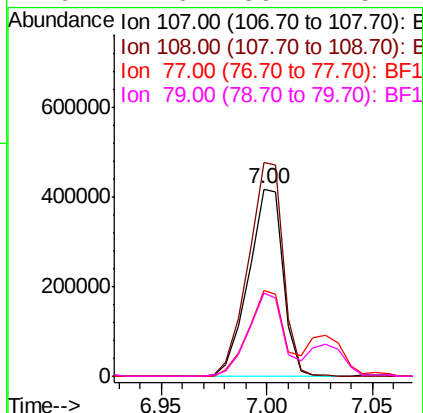
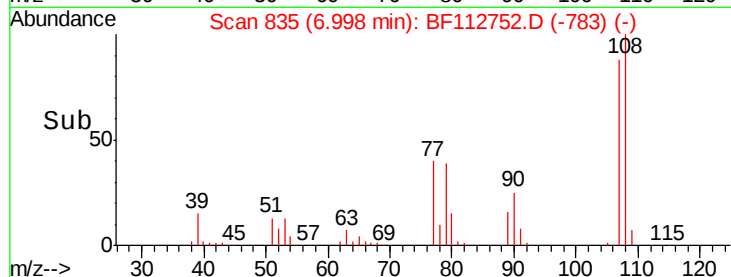
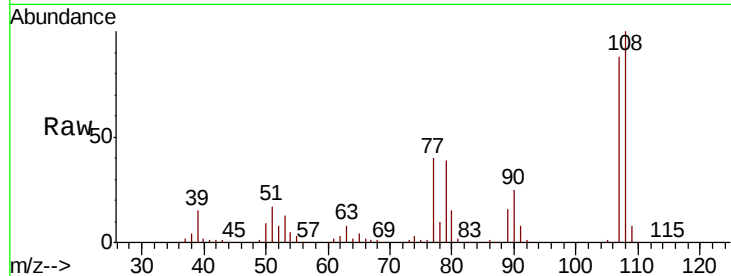




#17
2-Methylphenol
Concen: 39.601 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

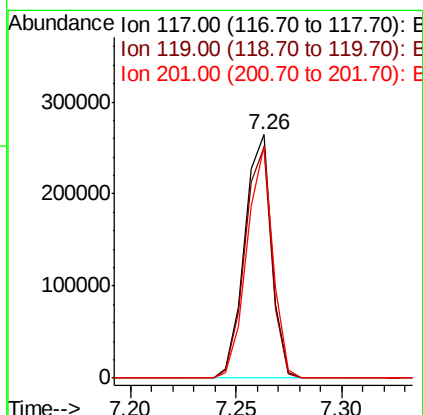
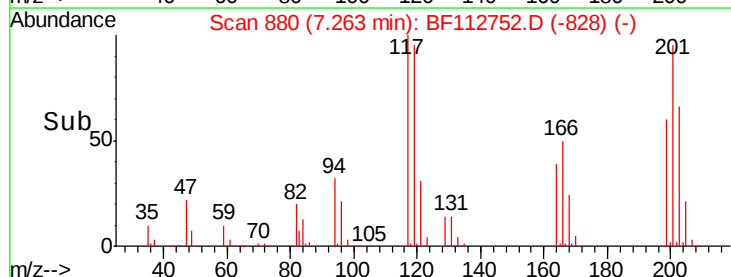
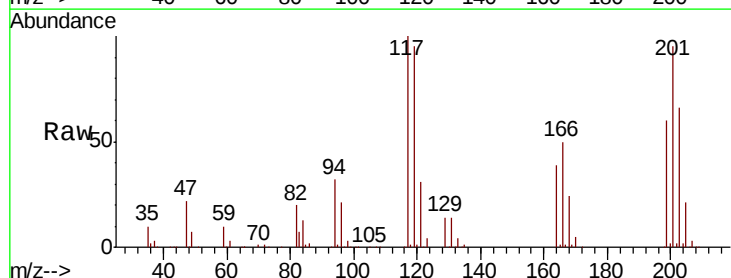
Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

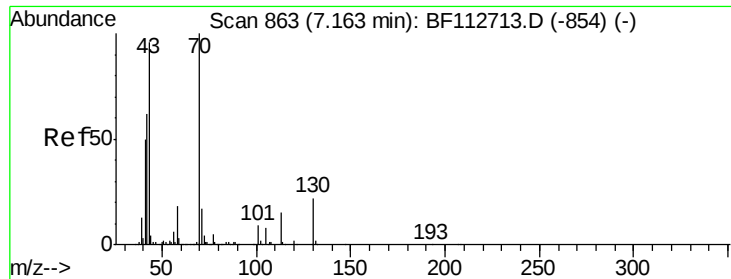
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.1	94.6	142.0
77	45.7	37.8	56.8
79	44.6	36.2	54.2



#18
Hexachloroethane
Concen: 40.018 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.6	115.0
201	95.4	68.9	103.3

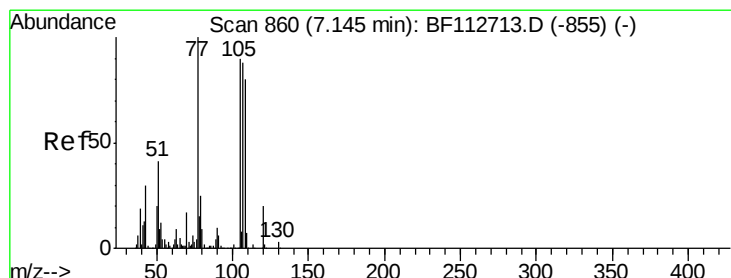
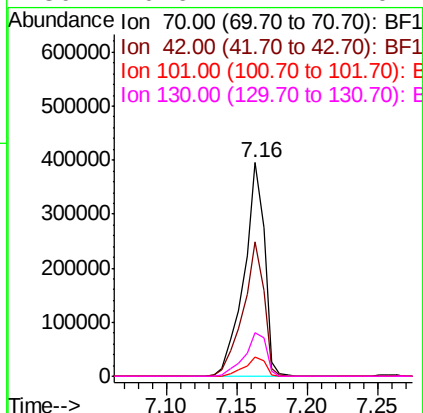
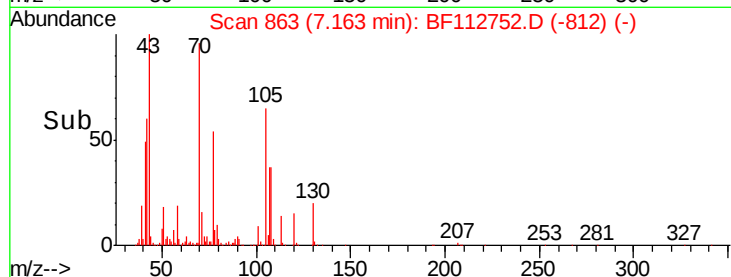
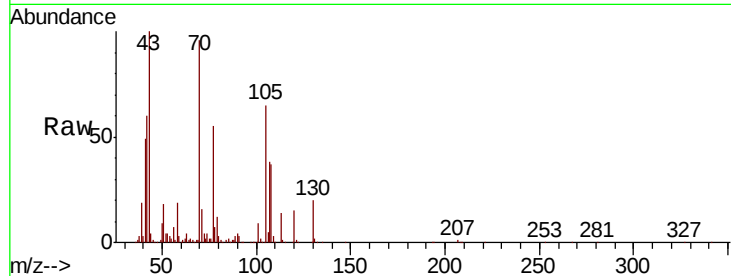




#19
n-Nitroso-di-n-propylamine
Concen: 38.044 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

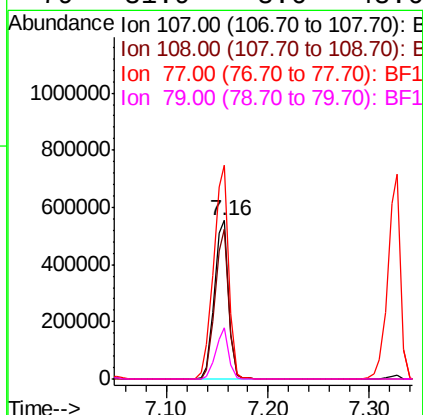
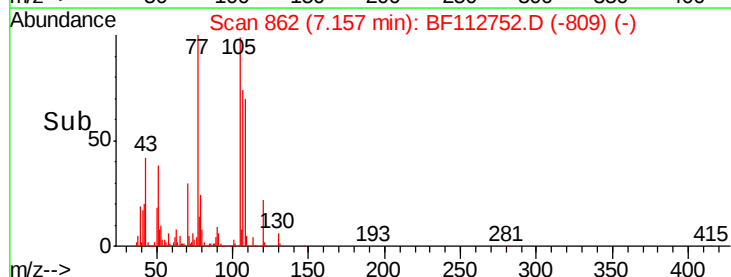
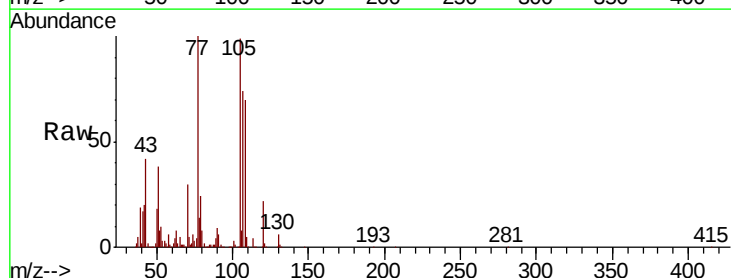
Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tgt Ion:	70	Resp:	401666
Ion	Ratio	Lower	Upper
70	100		
42	62.7	49.9	74.9
101	9.1	7.4	11.2
130	20.6	17.4	26.2



#20
3+4-Methylphenols
Concen: 40.004 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Tgt Ion:	107	Resp:	541272
Ion	Ratio	Lower	Upper
107	100		
108	94.7	71.4	111.4
77	134.6	94.1	134.1#
79	31.9	8.6	48.6

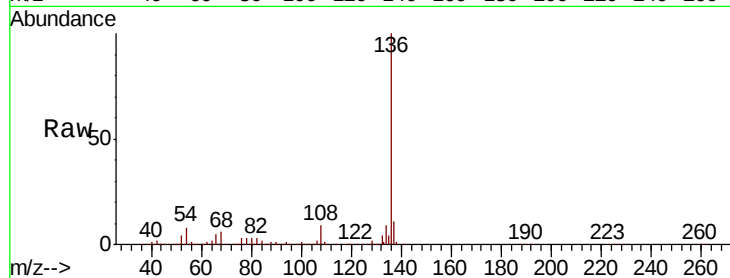




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tgt Ion:	136	Resp:	836024
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.0	7.3	10.9
68	5.9	5.4	8.2



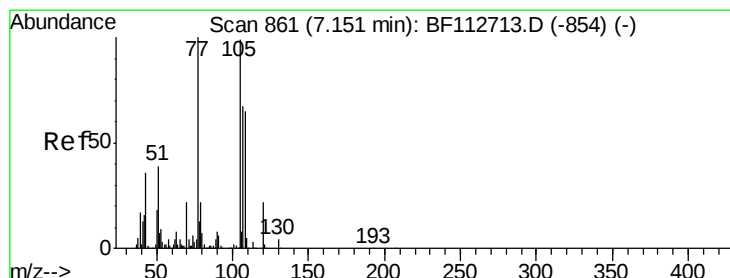
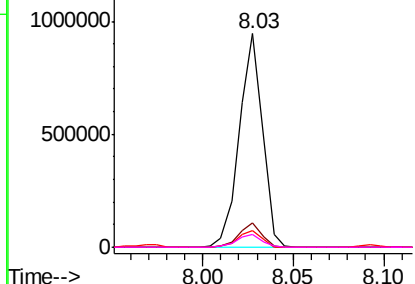
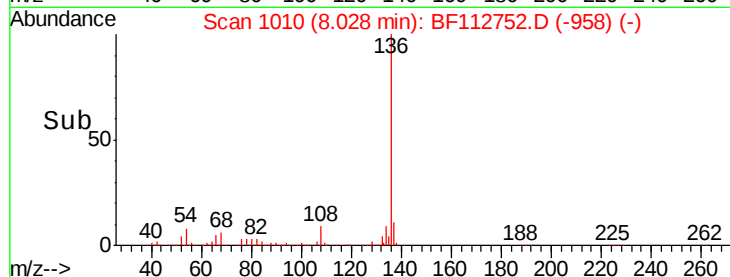
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

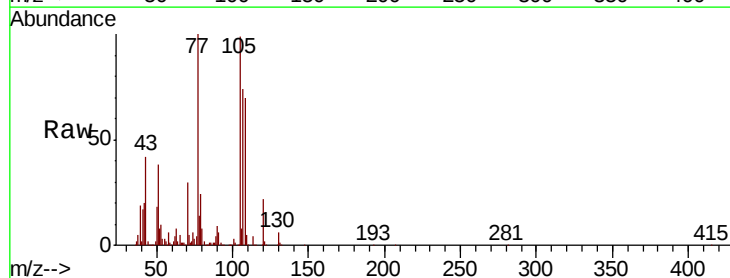
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.109 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Tgt Ion:	105	Resp:	784071
Ion	Ratio	Lower	Upper
105	100		
71	5.0	3.0	4.4#
51	38.3	31.5	47.3
120	22.5	18.1	27.1



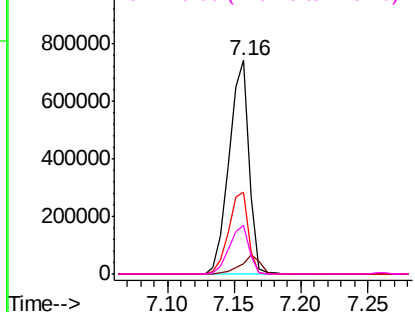
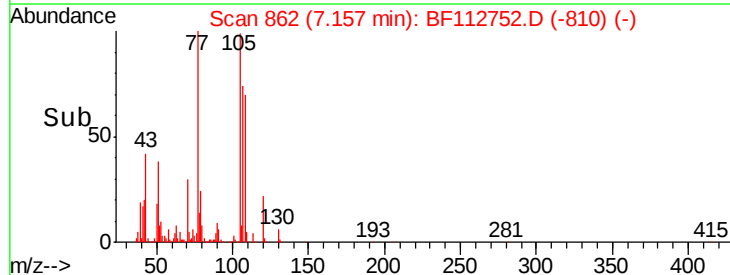
Abundance

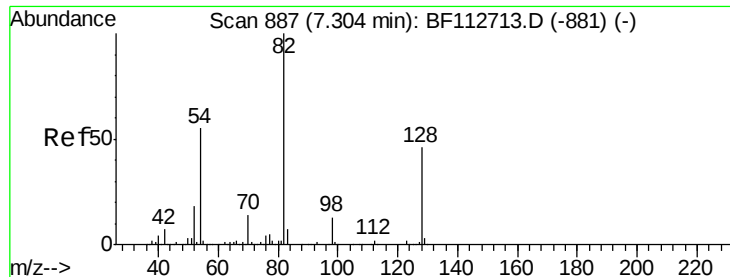
Ion 105.00 (104.70 to 105.70): E

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

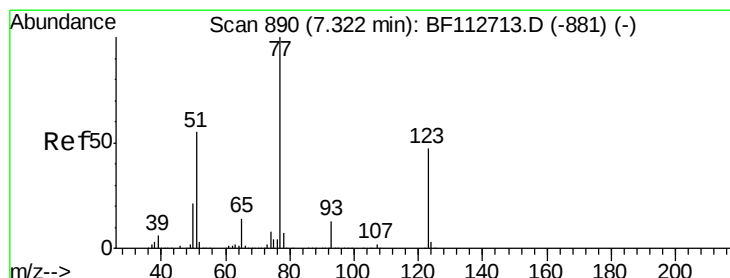
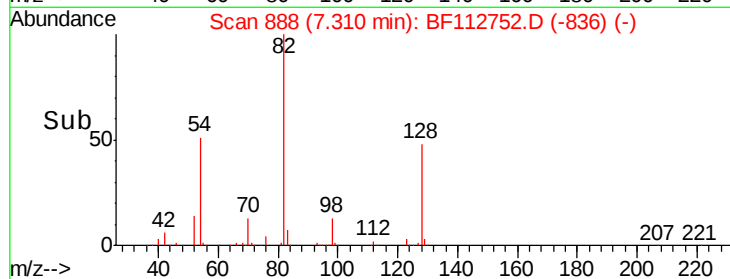
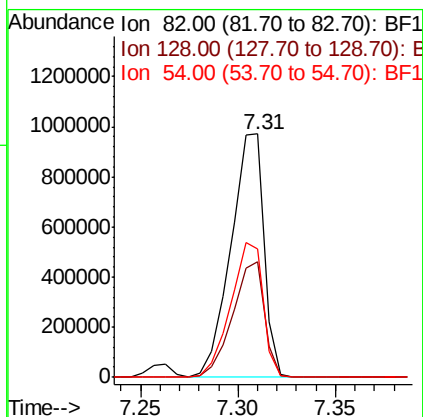
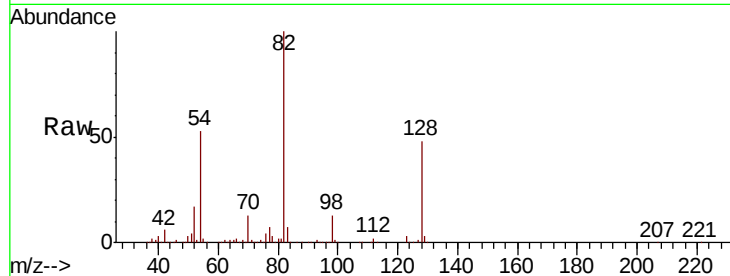




#23
 Nitrobenzene-d5
 Concen: 81.632 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

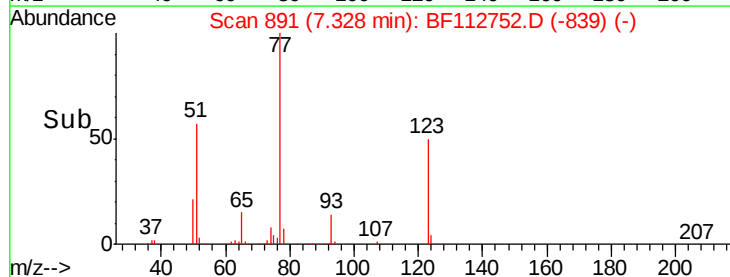
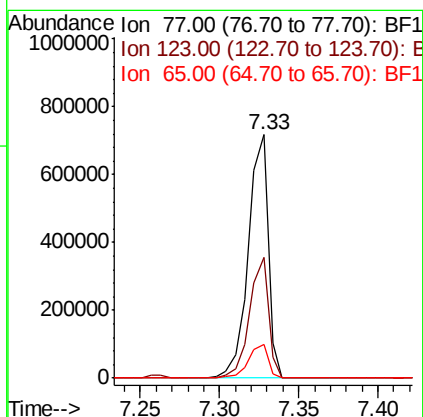
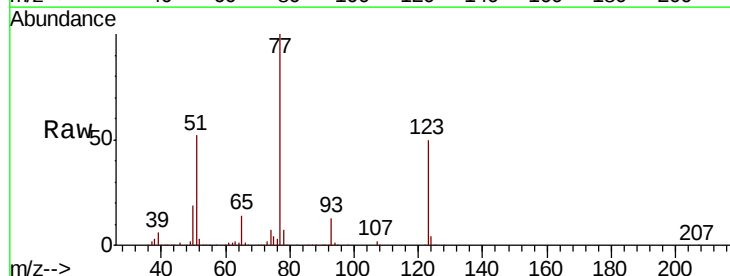
Instrument :
 BNA_F
 ClientSampleId :
 B-1(8-9)DL

Tgt Ion: 82 Resp: 1140516
 Ion Ratio Lower Upper
 82 100
 128 47.6 36.3 54.5
 54 52.7 43.7 65.5



#24
 Nitrobenzene
 Concen: 40.021 ng
 RT: 7.33 min Scan# 891
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Tgt Ion: 77 Resp: 622335
 Ion Ratio Lower Upper
 77 100
 123 49.7 37.8 56.6
 65 13.6 11.1 16.7

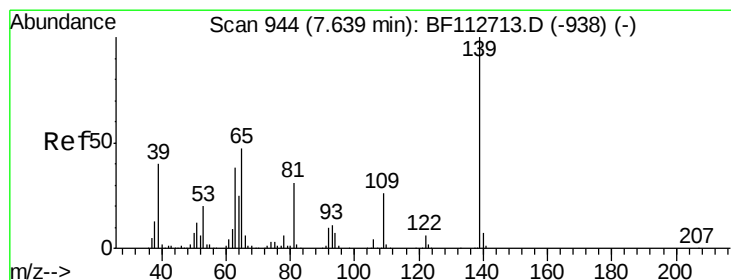
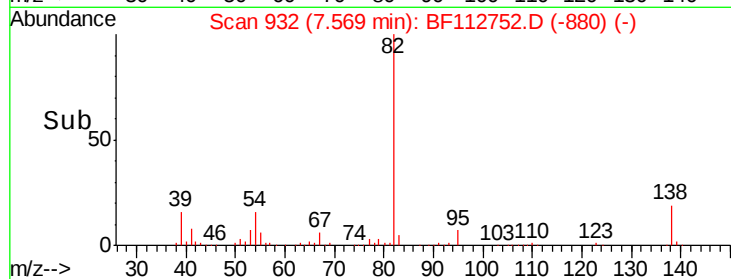
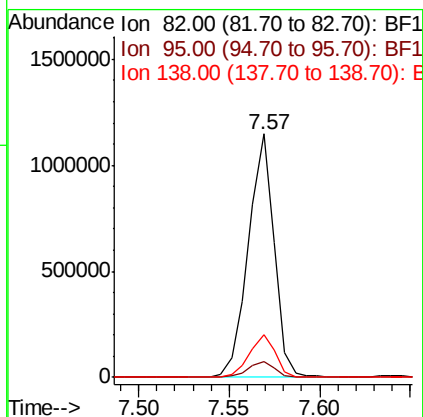
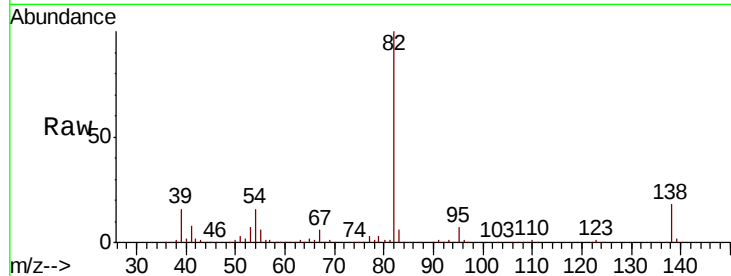




#25
Isophorone
Concen: 37.834 ng
RT: 7.57 min Scan# 932
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

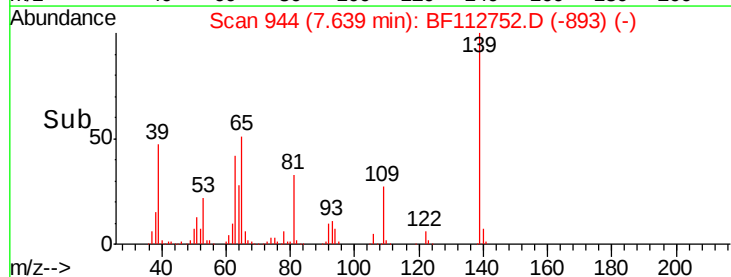
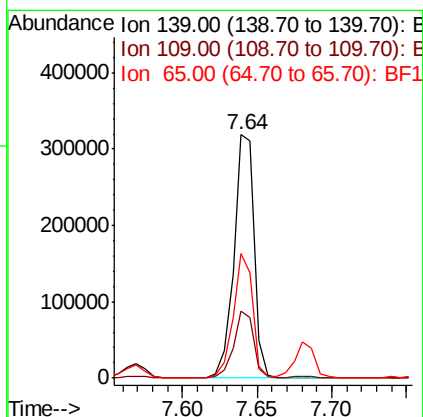
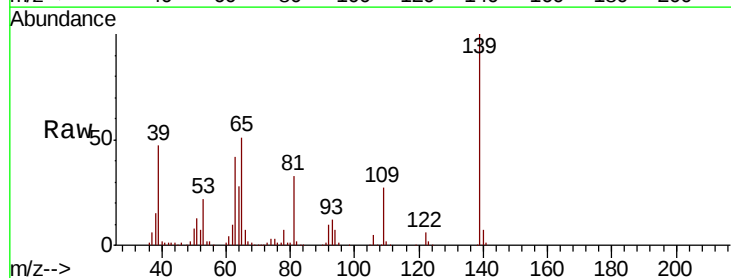
Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

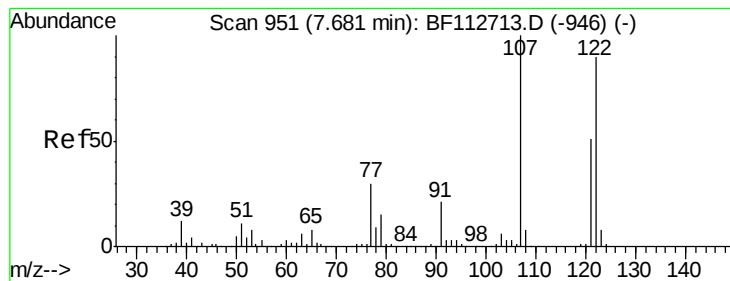
Tgt Ion: 82 Resp: 1138778
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 17.8 13.8 20.8



#26
2-Nitrophenol
Concen: 47.042 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Tgt Ion: 139 Resp: 304513
Ion Ratio Lower Upper
139 100
109 27.4 20.6 31.0
65 51.4 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 38.600 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

Instrument :

BNA_F

ClientSampleId :

B-1(8-9)DL

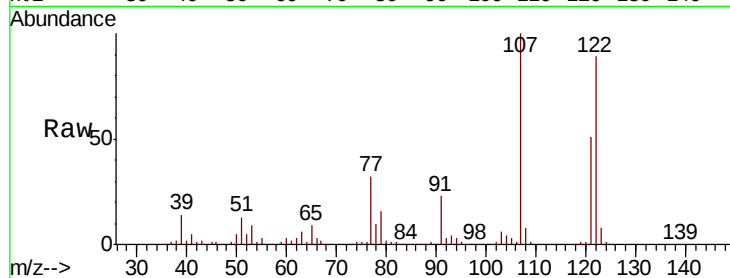
Tgt Ion:122 Resp: 464855

Ion Ratio Lower Upper

122 100

107 112.4 89.4 134.0

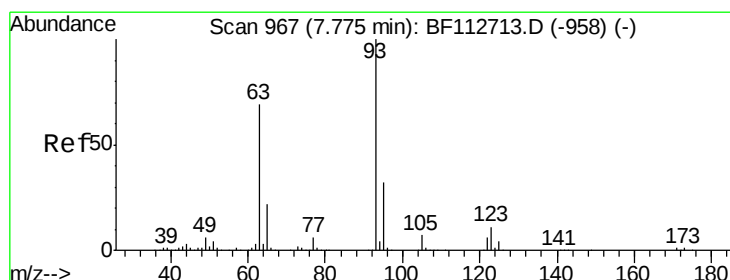
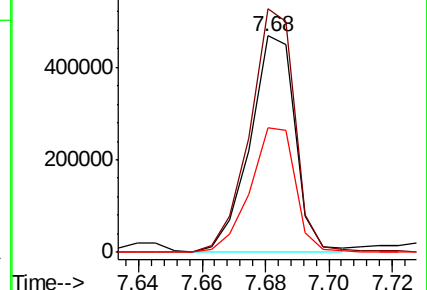
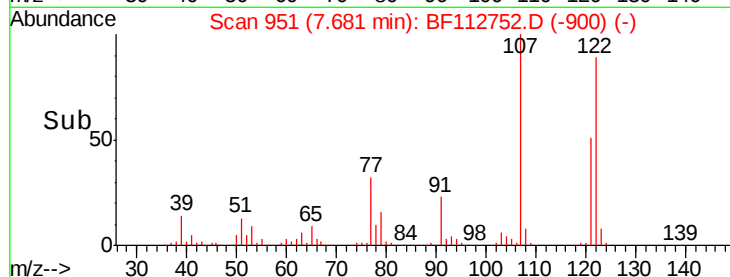
121 57.5 45.5 68.3



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: 38.162 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

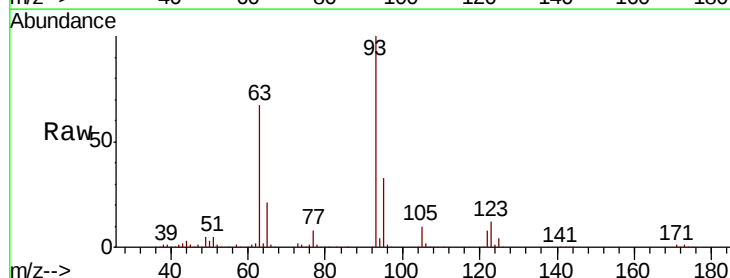
Tgt Ion: 93 Resp: 718155

Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

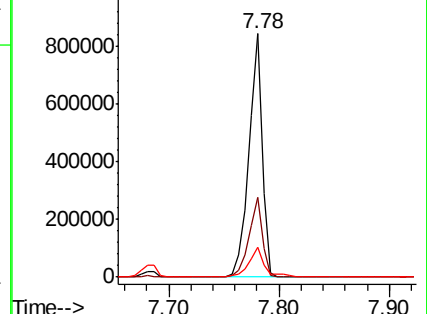
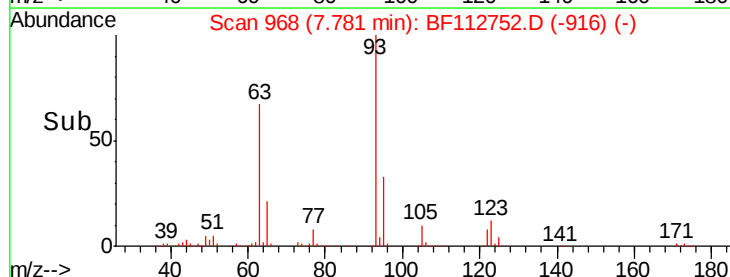
123 12.1 9.3 13.9

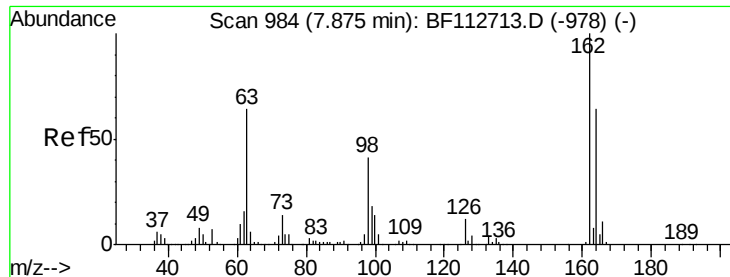


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

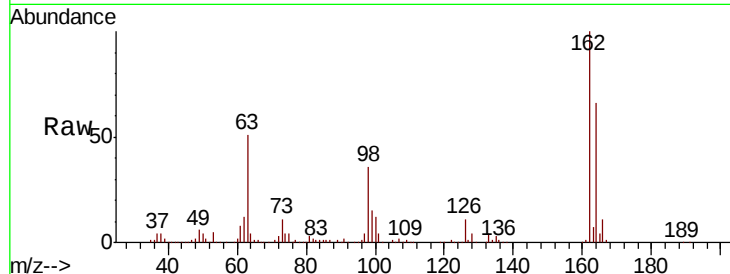




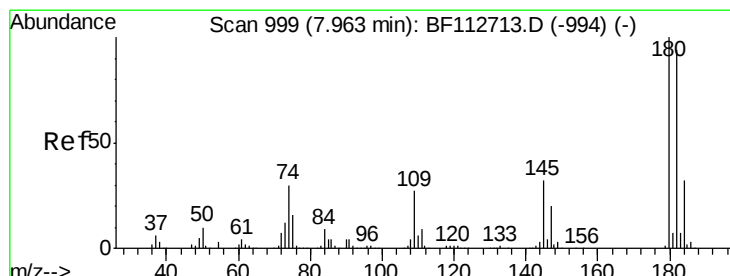
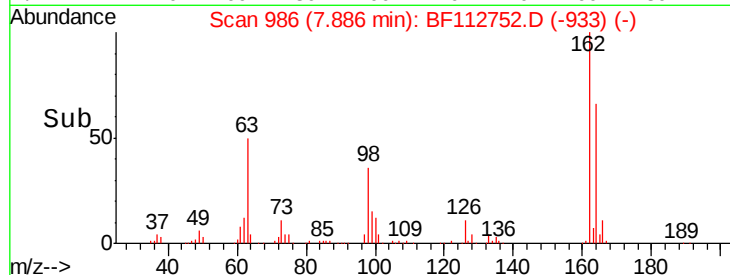
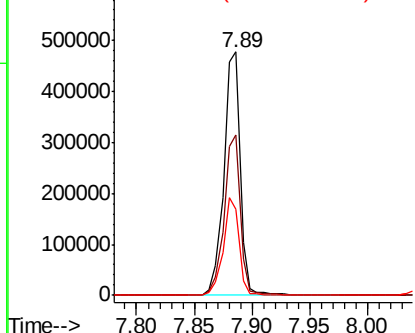
#29
2,4-Dichlorophenol
Concen: 40.581 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.8	44.0	84.0
98	35.7	20.7	60.7

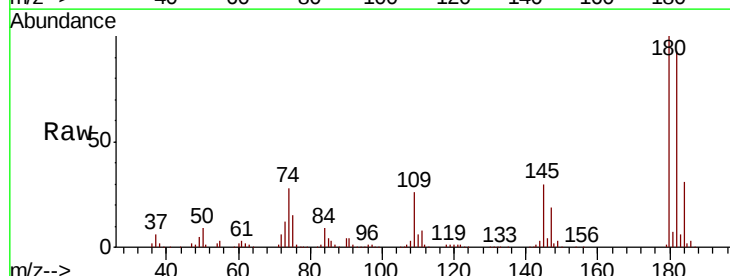


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

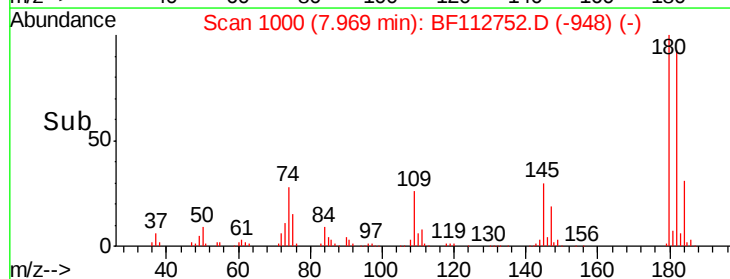
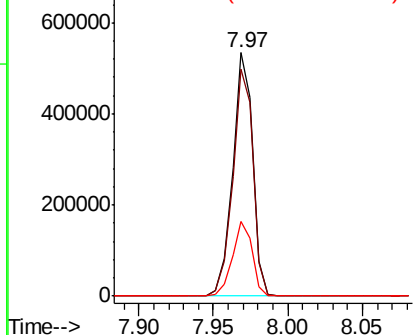


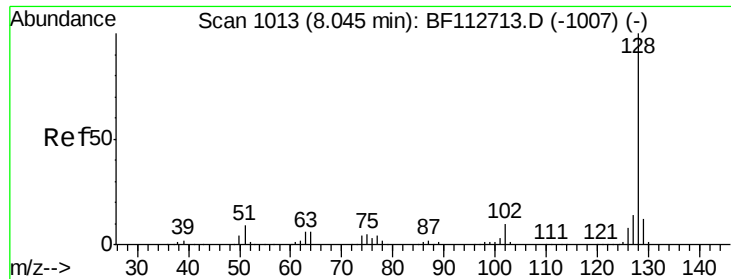
#30
1,2,4-Trichlorobenzene
Concen: 40.308 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.2	112.8
145	30.5	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

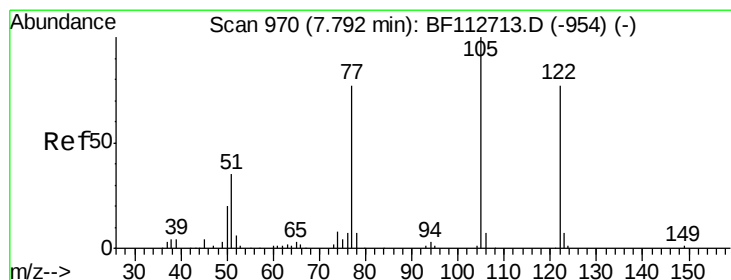
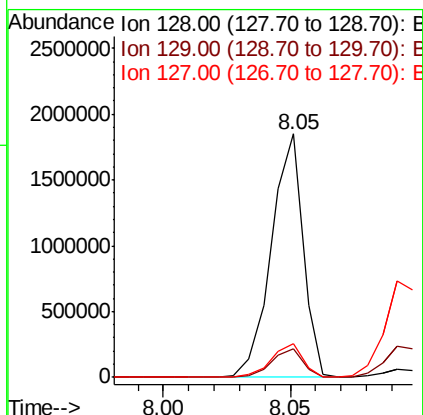
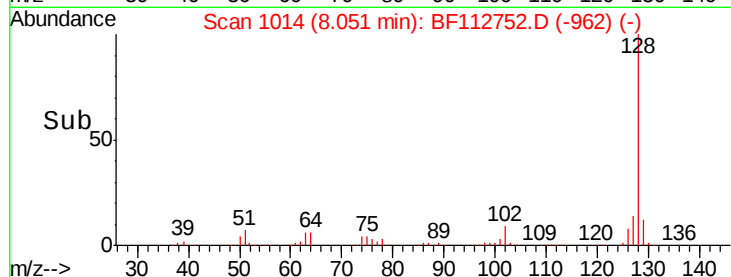
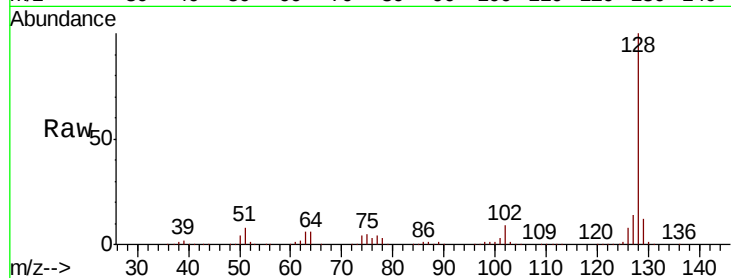




#31
Naphthalene
Concen: 38.705 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

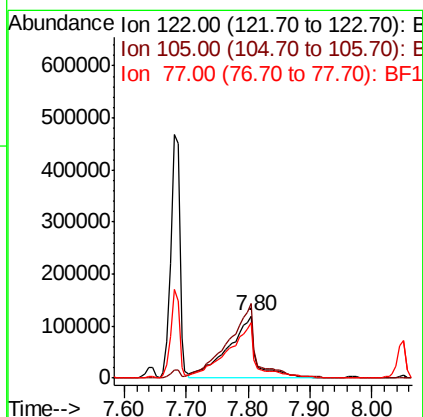
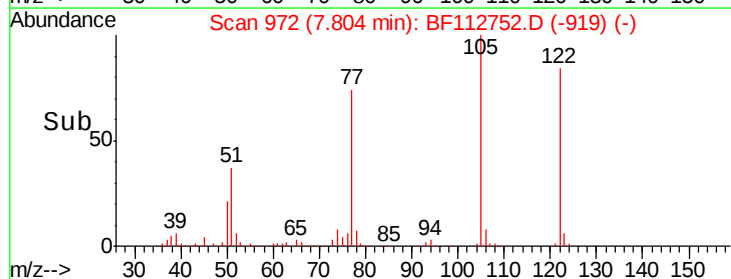
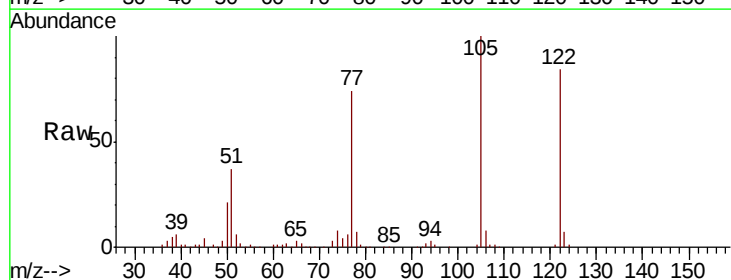
Instrument :
BNA_F
ClientSampleID :
B-1(8-9)DL

Tgt Ion:128 Resp: 1606495
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 44.969 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Tgt Ion:122 Resp: 379569
Ion Ratio Lower Upper
122 100
105 119.7 106.8 146.8
77 88.6 79.4 119.4

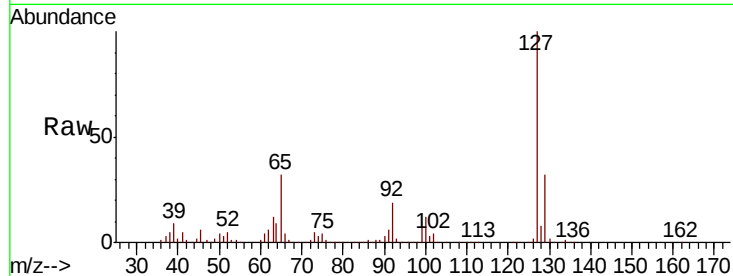




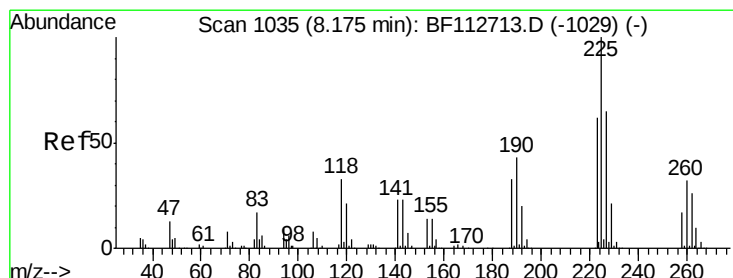
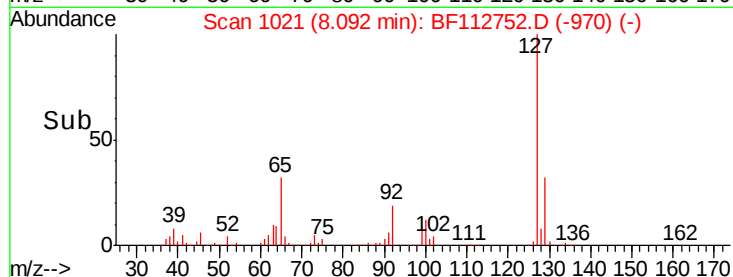
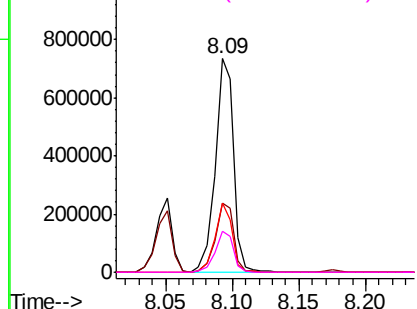
#33
4-Chloroaniline
Concen: 40.165 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Instrument :
BNA_F
ClientSampled :
B-1(8-9)DL

Tgt Ion:	127	Resp:	706114
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.4	39.6
65	32.3	23.1	34.7
92	19.3	14.9	22.3

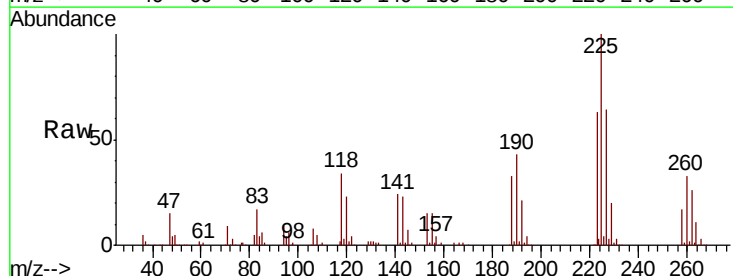


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

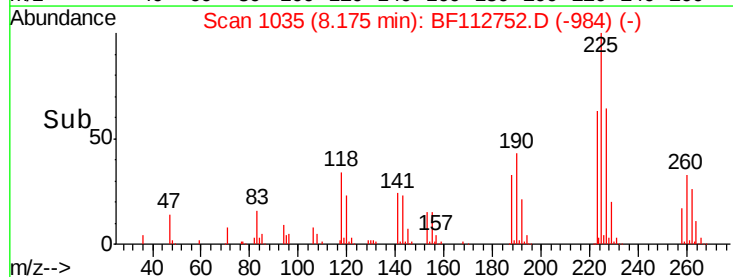
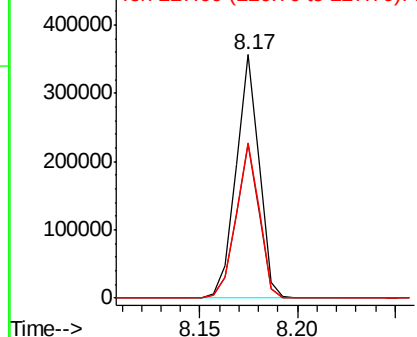


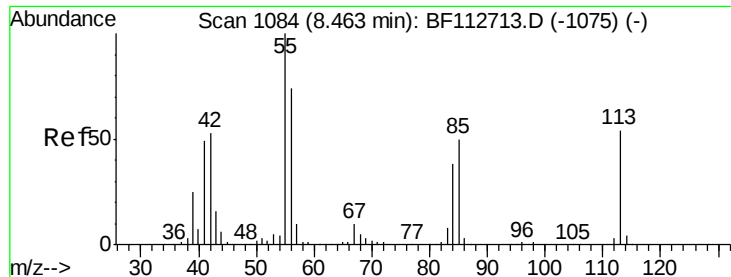
#34
Hexachlorobutadiene
Concen: 41.327 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Tgt Ion:	225	Resp:	292467
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.7	74.5
227	63.7	52.1	78.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

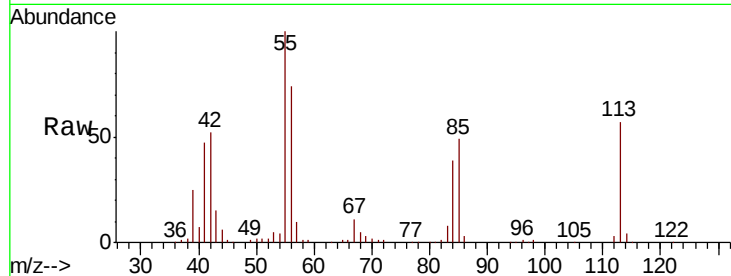




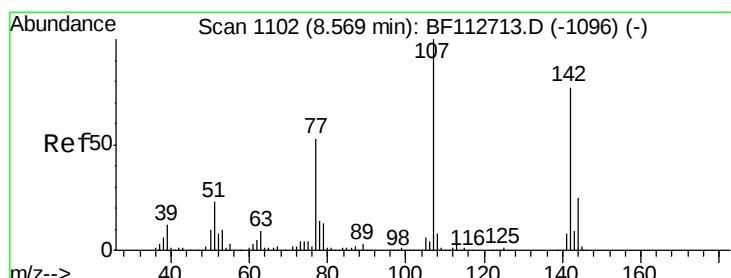
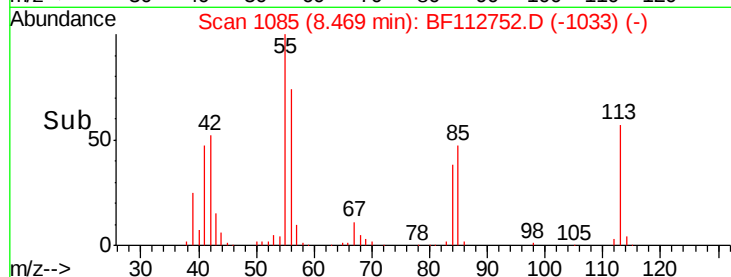
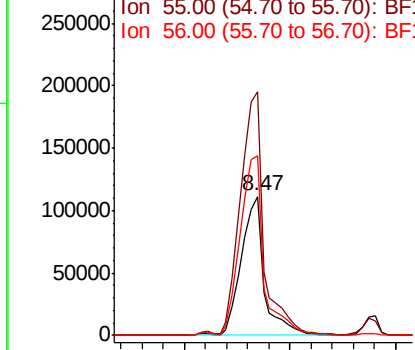
#35
 Caprolactam
 Concen: 40.358 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Instrument :
 BNA_F
 ClientSampleID :
 B-1(8-9)DL

Tgt Ion:113 Resp: 166001
 Ion Ratio Lower Upper
 113 100
 55 175.6 163.5 203.5
 56 129.3 115.3 155.3

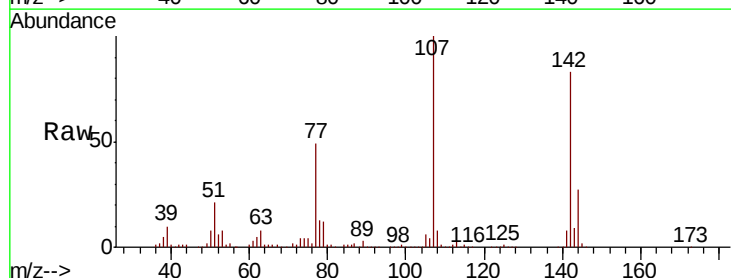


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

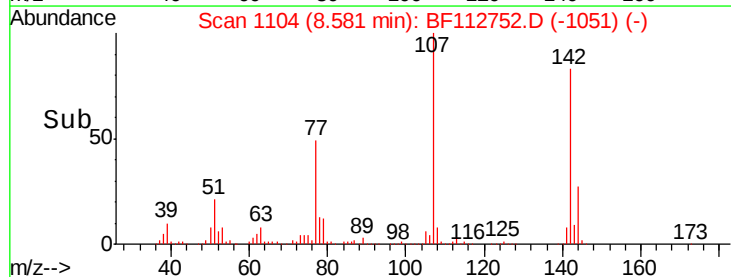
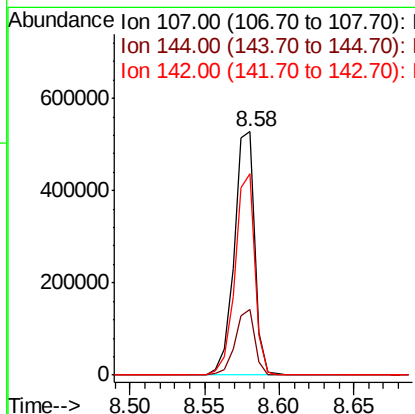


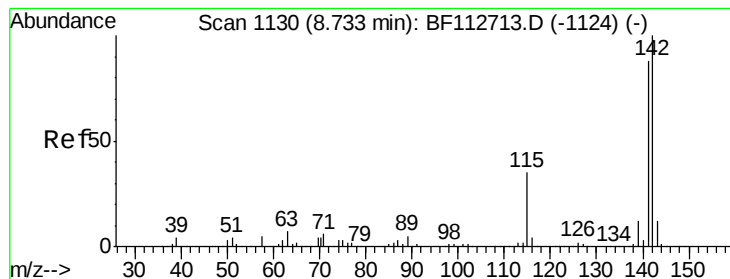
#36
 4-Chloro-3-methylphenol
 Concen: 39.606 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Tgt Ion:107 Resp: 511882
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.1 30.1
 142 82.7 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

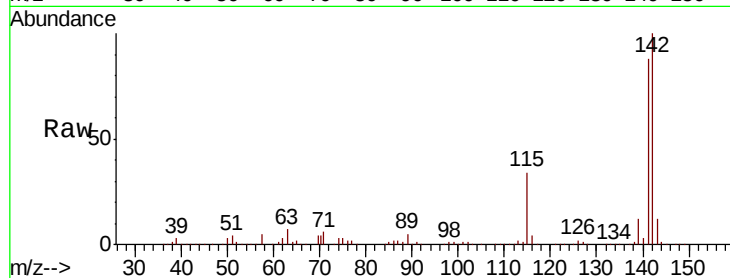




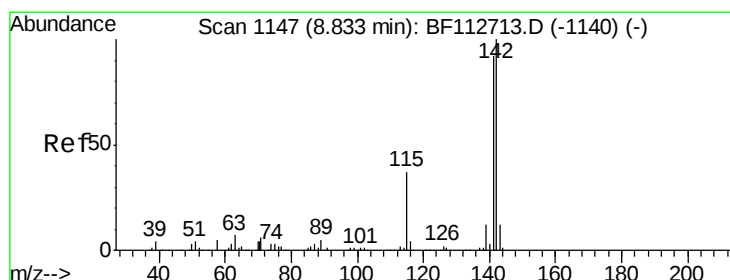
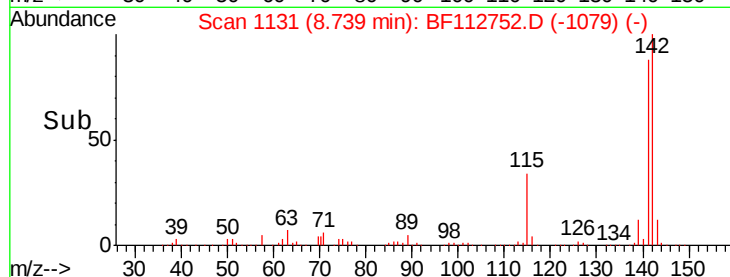
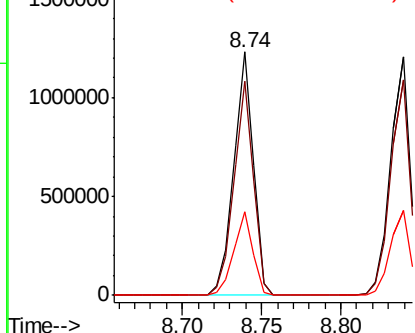
#37
 2-Methylnaphthalene
 Concen: 39.399 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Instrument :
 BNA_F
 ClientSampleId :
 B-1(8-9)DL

Tgt Ion:142 Resp: 1056068
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.3 105.5
 115 34.2 27.8 41.6

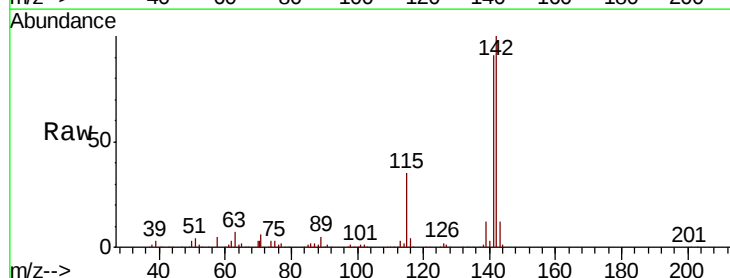


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

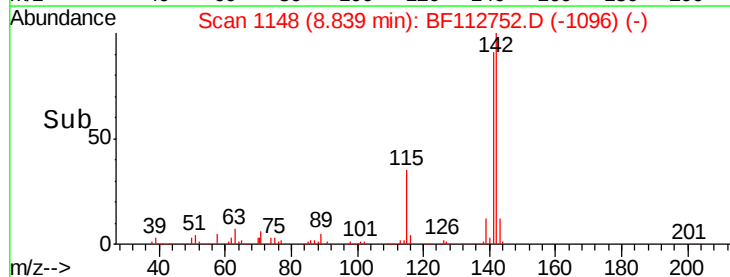
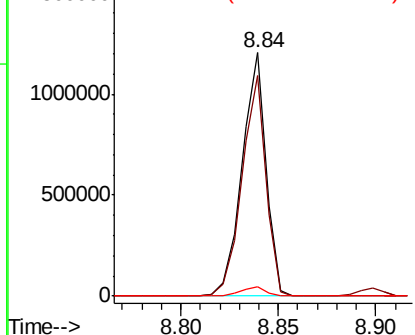


#38
 1-Methylnaphthalene
 Concen: 39.520 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Tgt Ion:142 Resp: 1026143
 Ion Ratio Lower Upper
 142 100
 141 90.5 73.7 110.5
 116 3.7 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

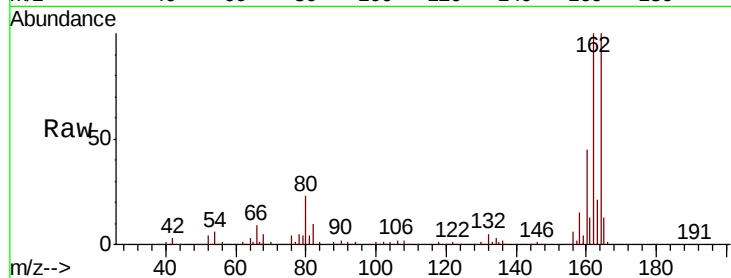




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.6	120.8
160	45.2	36.0	54.0

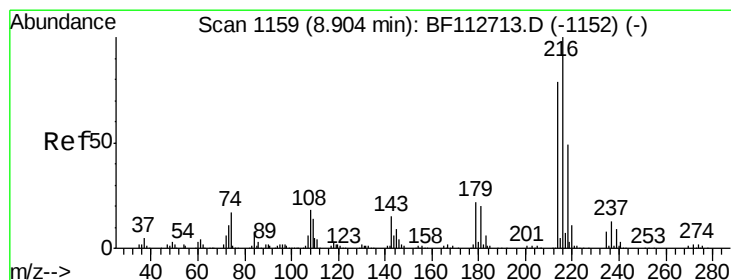
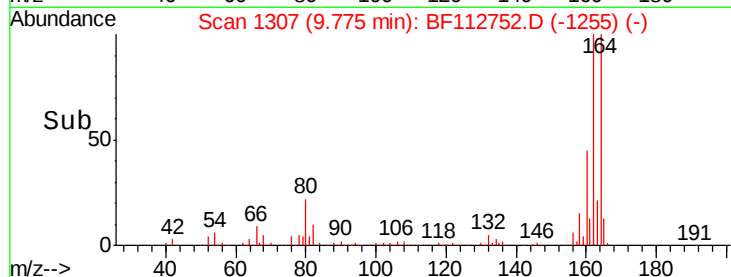
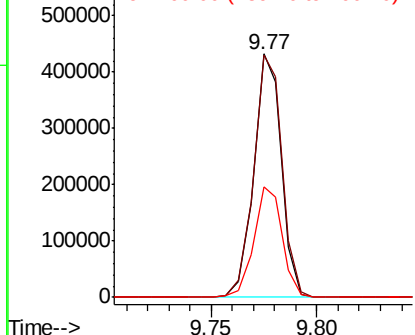


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.577 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.2	94.8
179	21.3	17.5	26.3
108	19.1	16.7	25.1

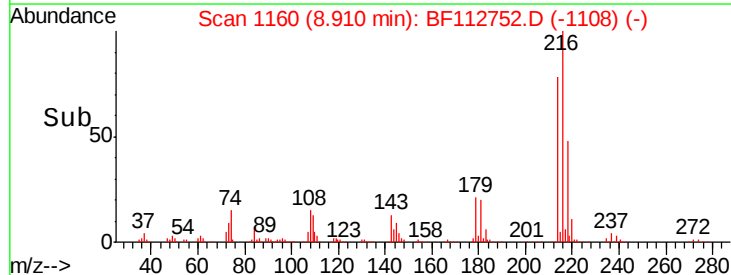
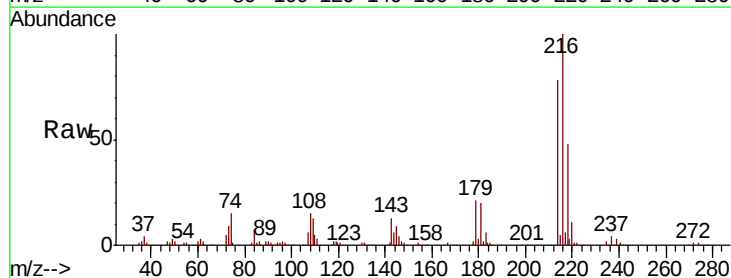
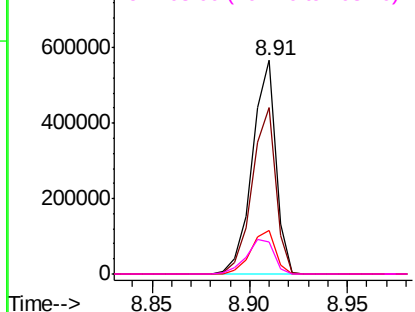
Abundance

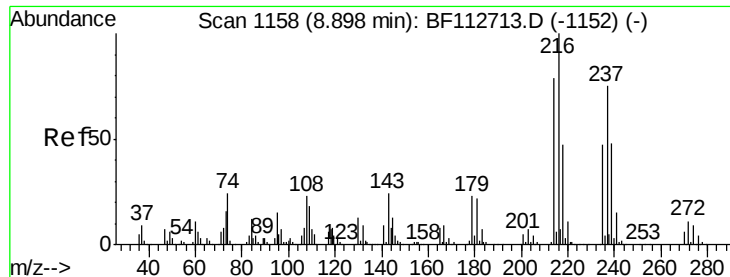
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 43.254 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

Instrument :

BNA_F

ClientSampleId :

B-1(8-9)DL

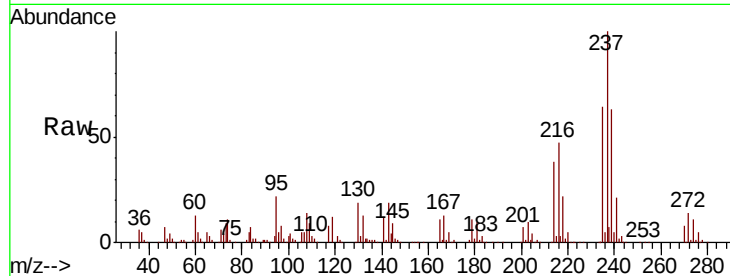
Tgt Ion:237 Resp: 270644

Ion Ratio Lower Upper

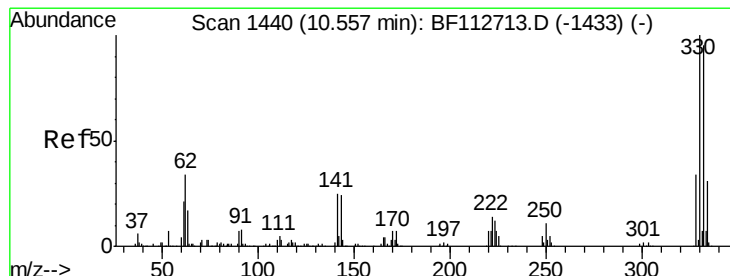
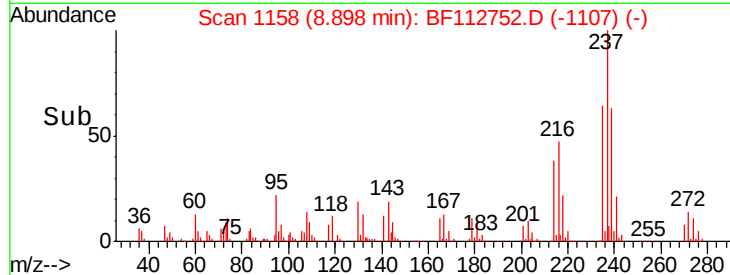
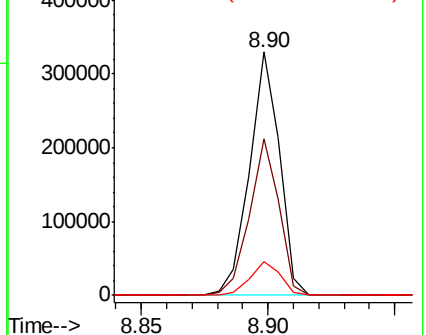
237 100

235 64.1 42.2 82.2

272 13.9 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: 87.216 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

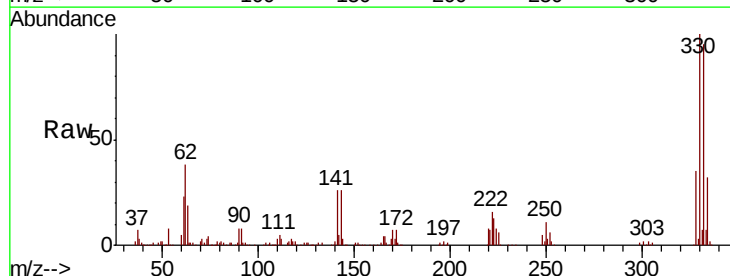
Tgt Ion:330 Resp: 362800

Ion Ratio Lower Upper

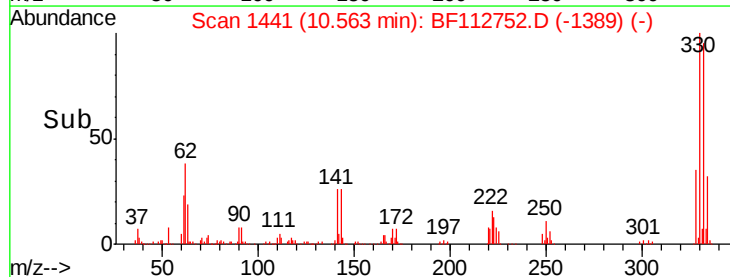
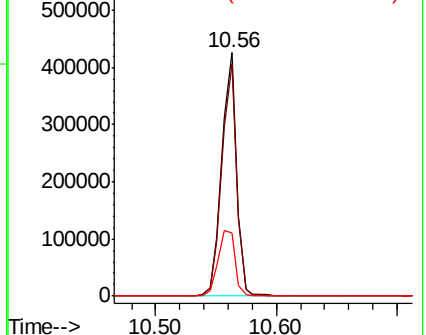
330 100

332 95.2 76.2 114.4

141 30.6 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

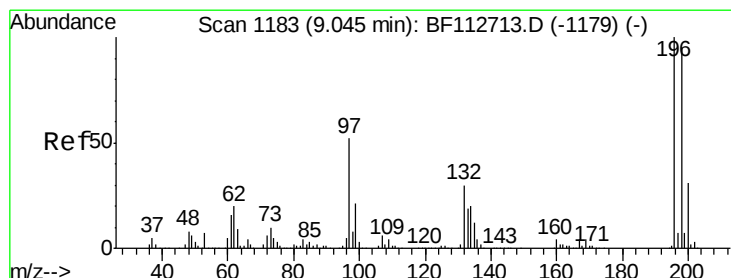
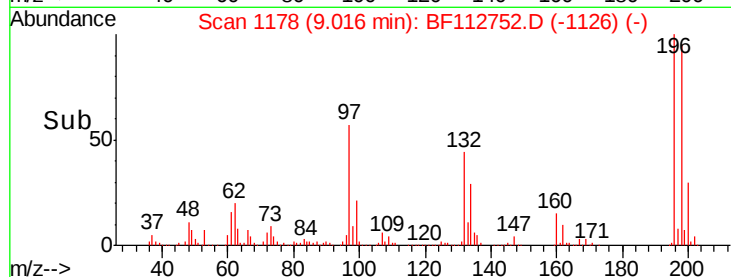
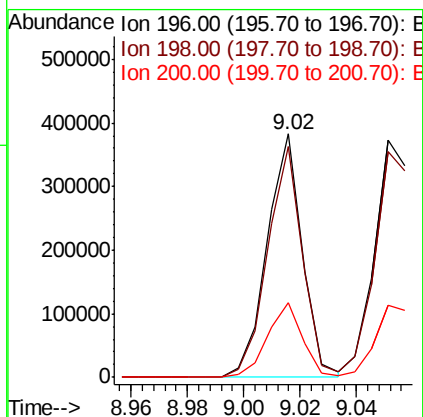
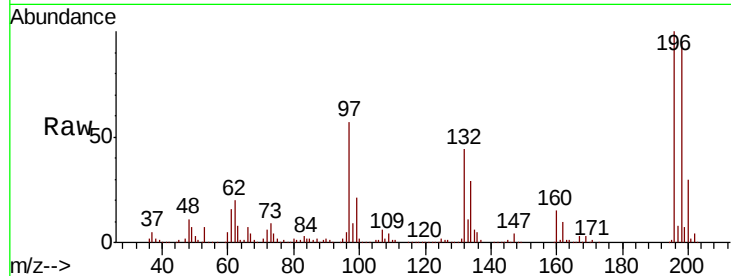




#43
 2,4,6-Trichlorophenol
 Concen: 41.968 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

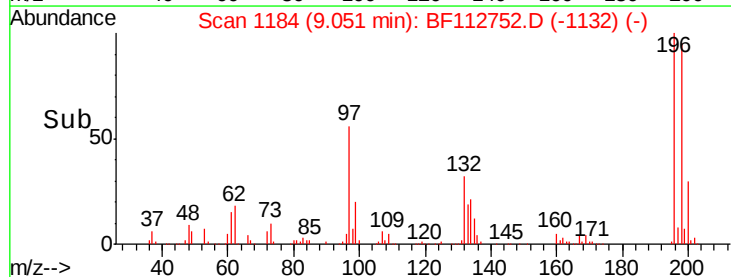
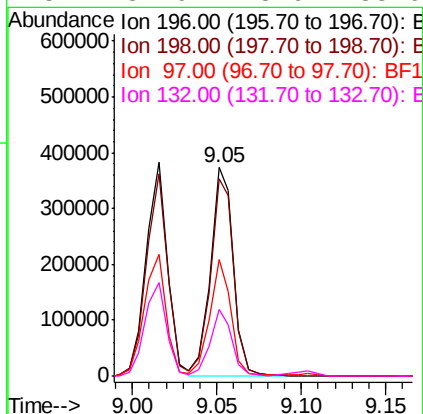
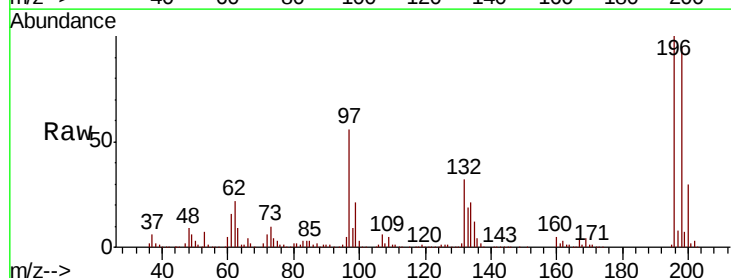
Instrument :
 BNA_F
 ClientSampleID :
 B-1(8-9)DL

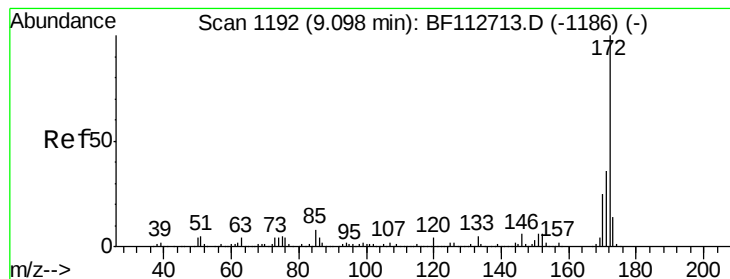
Tgt Ion:196 Resp: 330034
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.8 113.8
 200 30.5 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 41.468 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Tgt Ion:196 Resp: 352478
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.2 114.2
 97 56.1 41.5 62.3
 132 31.9 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 86.454 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

Instrument :

BNA_F

ClientSampled :

B-1(8-9)DL

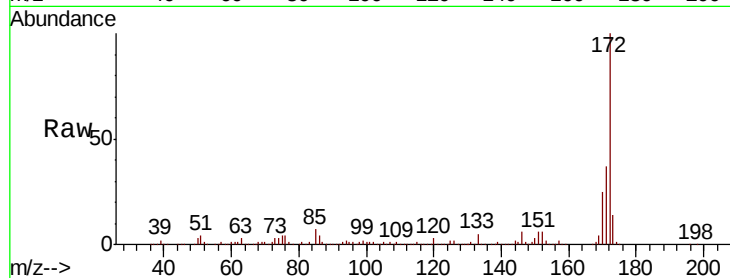
Tgt Ion:172 Resp: 1968808

Ion Ratio Lower Upper

172 100

171 36.7 29.0 43.4

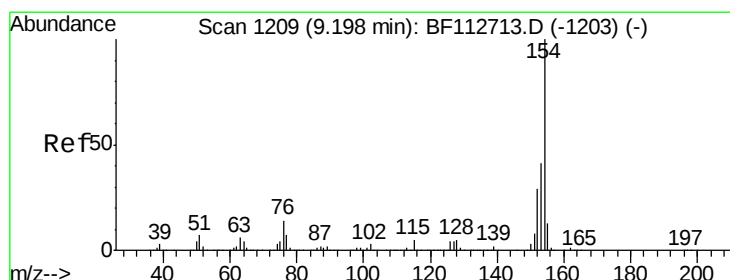
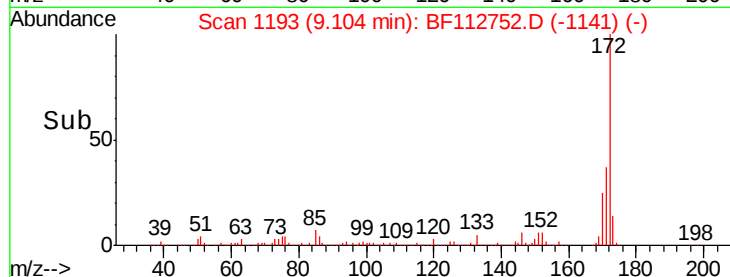
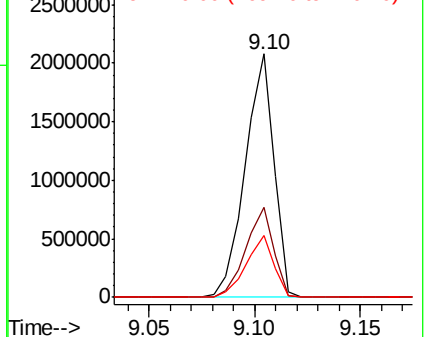
170 25.2 20.0 30.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.723 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.01 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

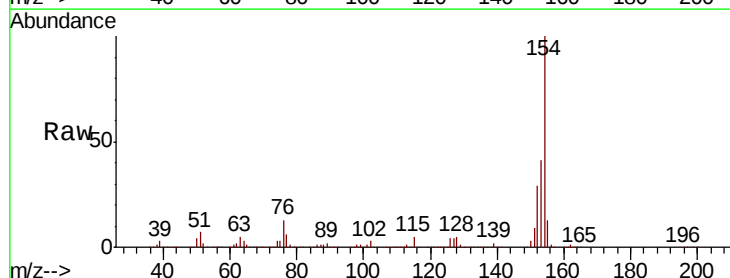
Tgt Ion:154 Resp: 1301529

Ion Ratio Lower Upper

154 100

153 40.6 20.8 60.8

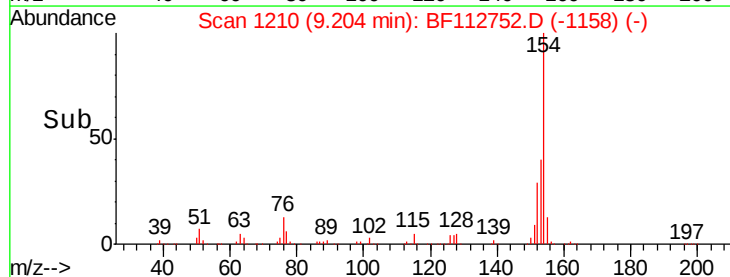
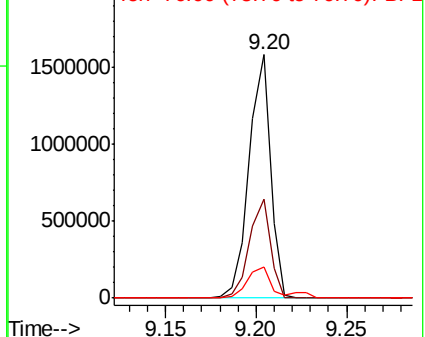
76 12.7 0.0 33.8

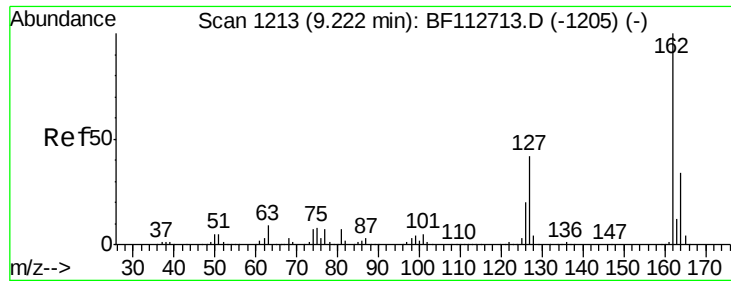


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

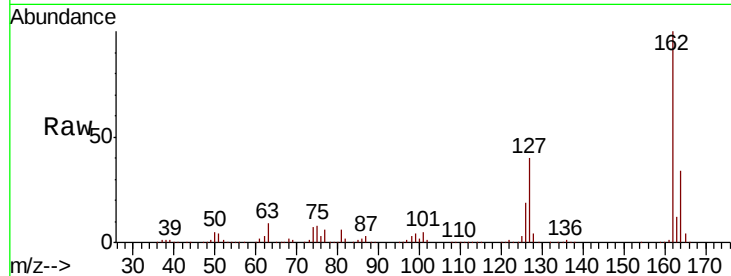




#47
 2-Chloronaphthalene
 Concen: 39.829 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Instrument :
 BNA_F
 ClientSampleId :
 B-1(8-9)DL

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	33.4	50.2
164	33.9	26.9	40.3

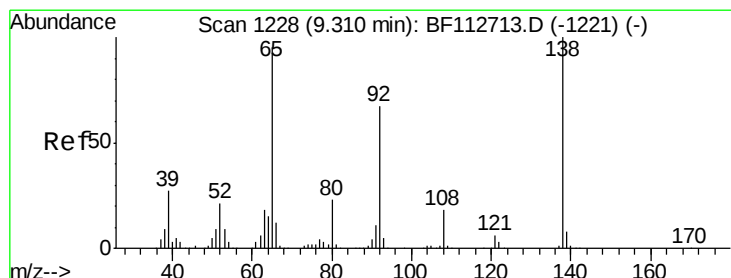
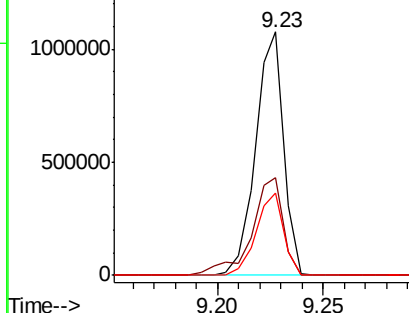
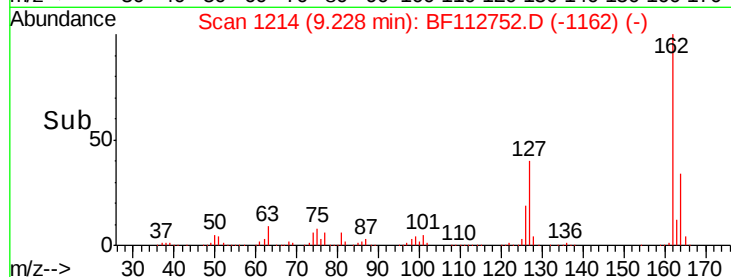


Abundance

Ion 162.00 (161.70 to 162.70): E

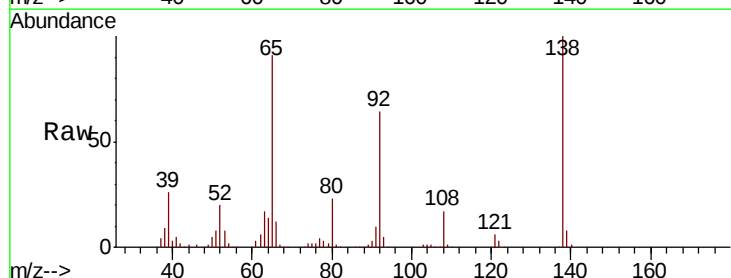
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 43.060 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	56.4	84.6
138	109.5	84.6	126.8

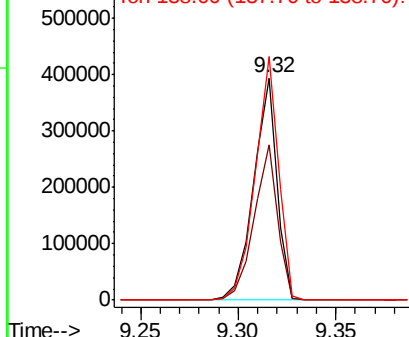
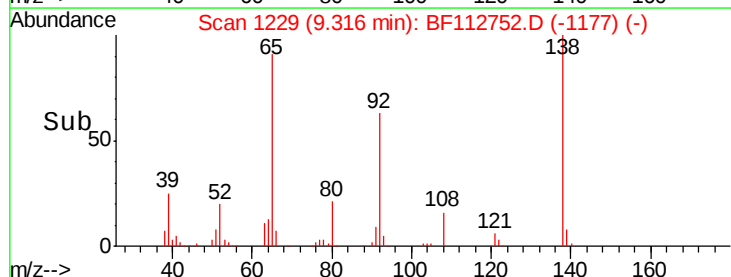


Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

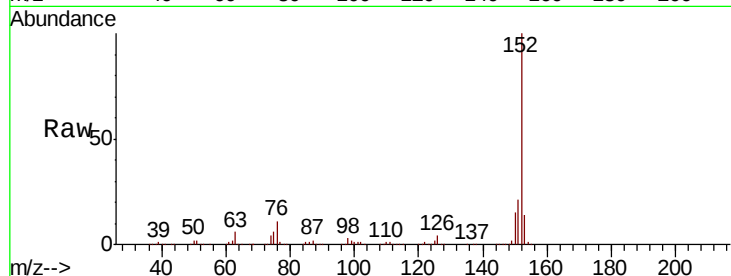




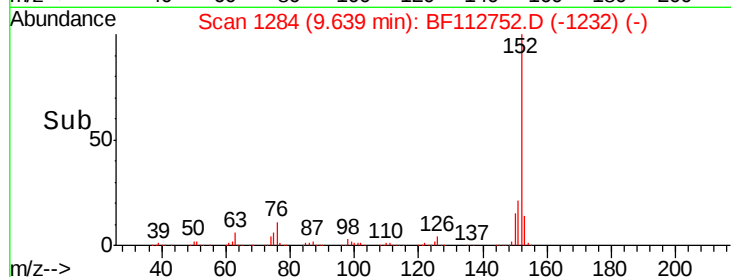
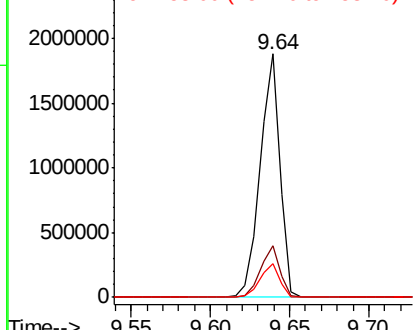
#49
Acenaphthylene
Concen: 38.878 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tgt Ion:152 Resp: 1647126
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 13.9 11.0 16.6

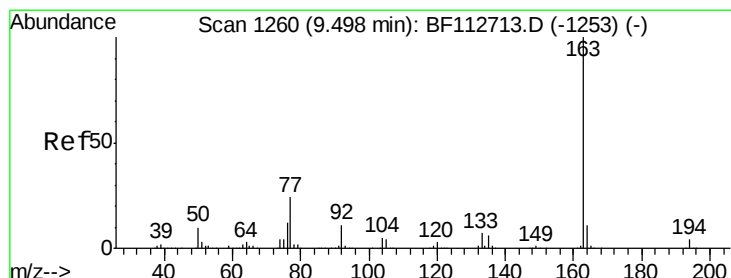


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

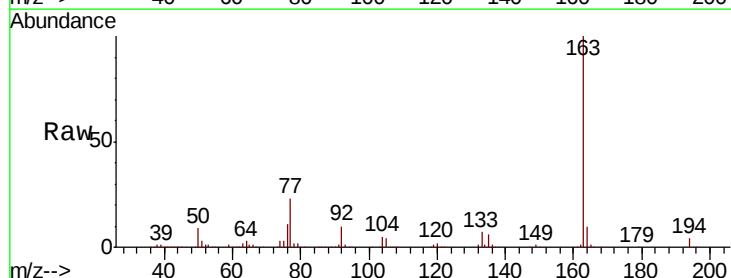
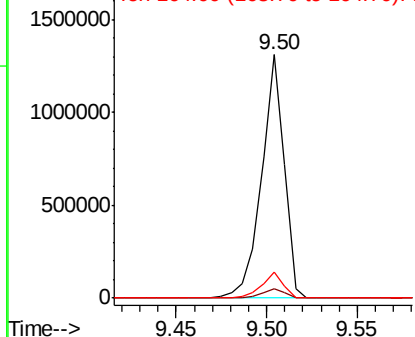


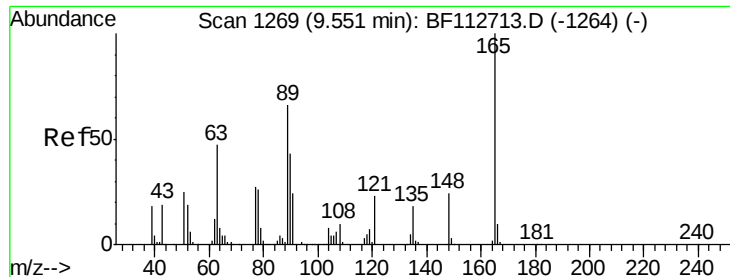
#50
Dimethylphthalate
Concen: 39.377 ng
RT: 9.50 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Tgt Ion:163 Resp: 1137675
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

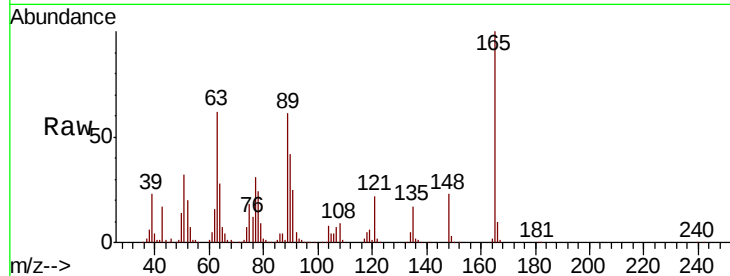




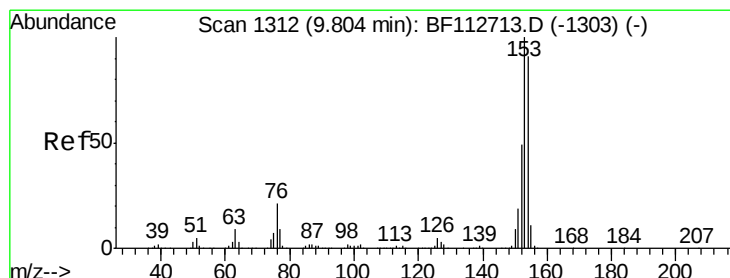
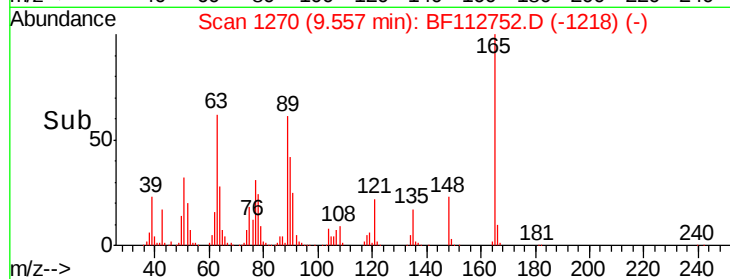
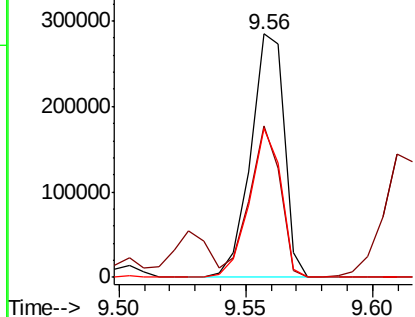
#51
 2,6-Dinitrotoluene
 Concen: 43.648 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Instrument :
 BNA_F
 ClientSampleId :
 B-1(8-9)DL

Tgt Ion:165 Resp: 262605
 Ion Ratio Lower Upper
 165 100
 63 62.2 54.1 81.1
 89 61.0 52.8 79.2

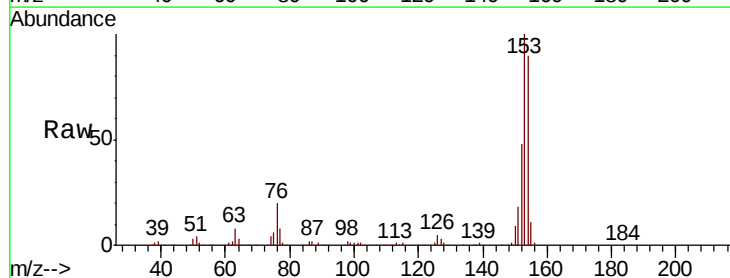


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

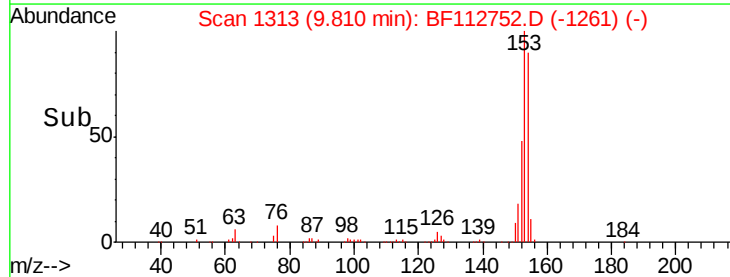
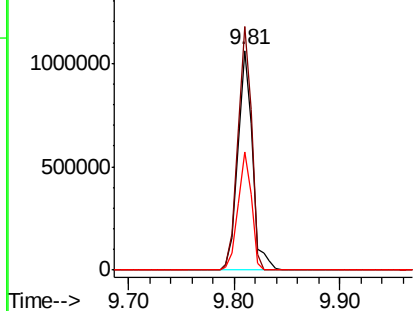


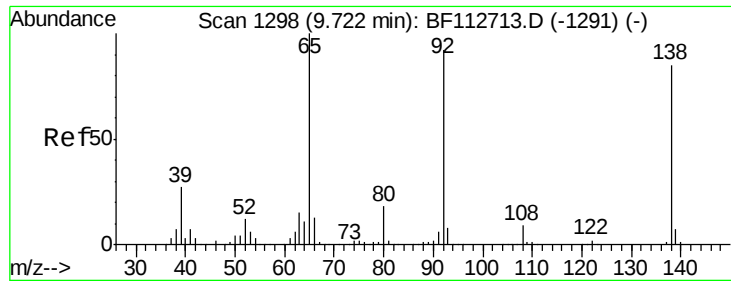
#52
 Acenaphthene
 Concen: 40.022 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Tgt Ion:154 Resp: 991571
 Ion Ratio Lower Upper
 154 100
 153 111.0 87.8 131.8
 152 53.6 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

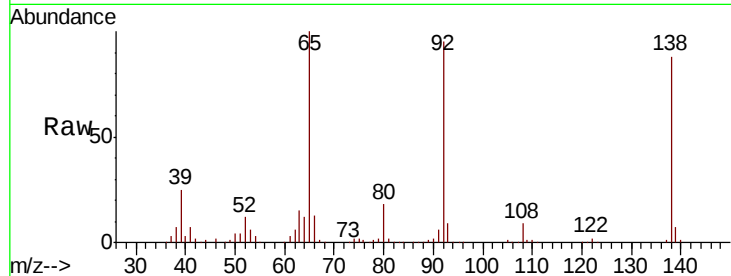




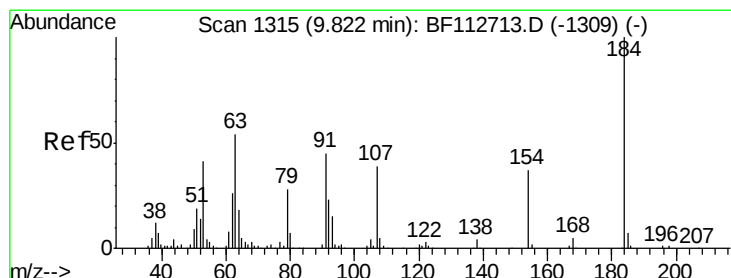
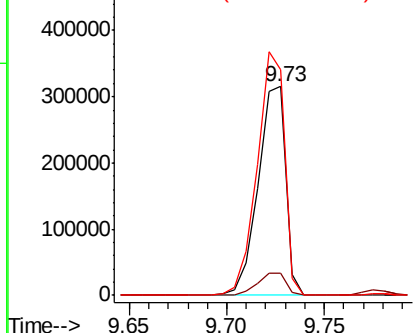
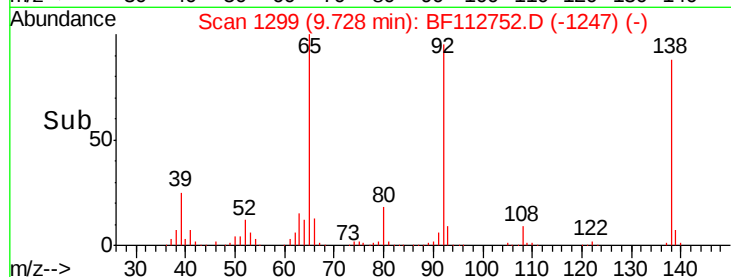
#53
 3-Nitroaniline
 Concen: 42.412 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Instrument :
 BNA_F
 ClientSampleID :
 B-1(8-9)DL

Tgt Ion:138 Resp: 310929
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.6 13.0
 92 107.8 86.6 129.8

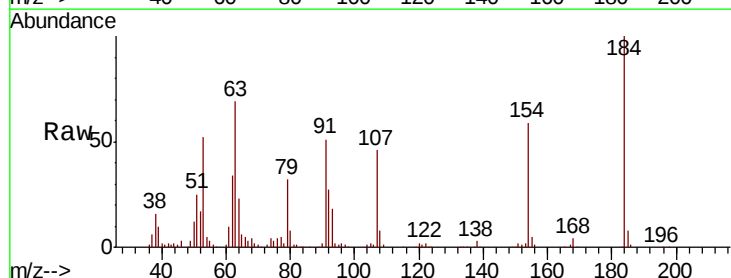


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

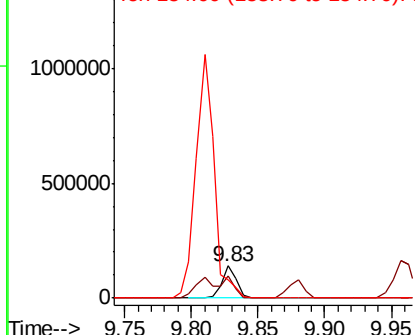
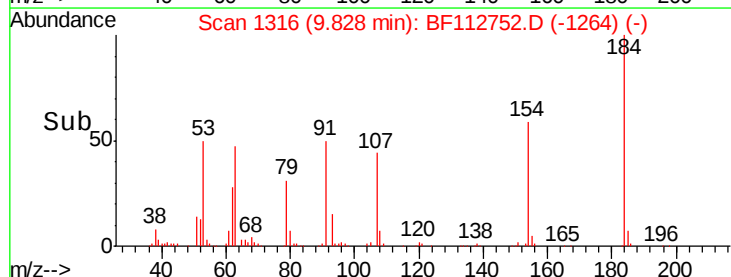


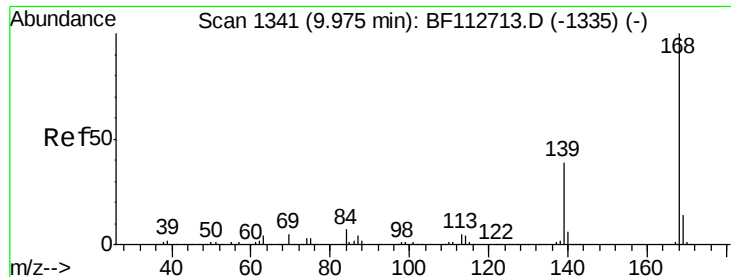
#54
 2,4-Dinitrophenol
 Concen: 46.757 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Tgt Ion:184 Resp: 107890
 Ion Ratio Lower Upper
 184 100
 63 69.2 45.3 67.9#
 154 58.6 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

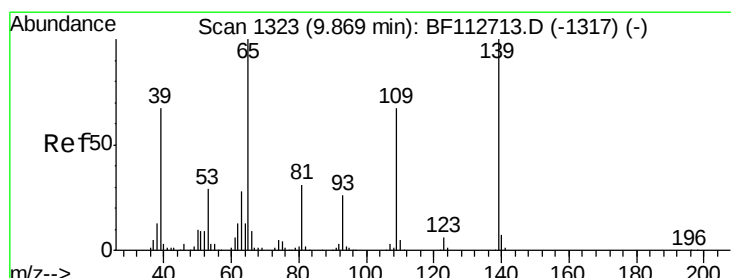
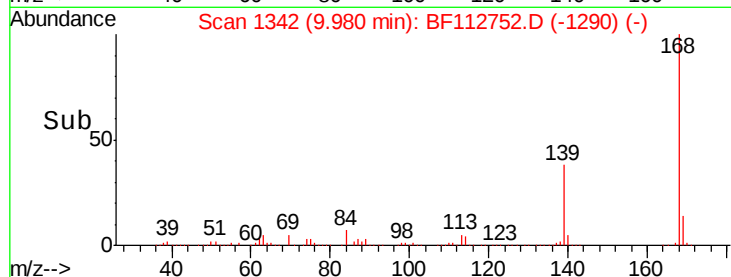
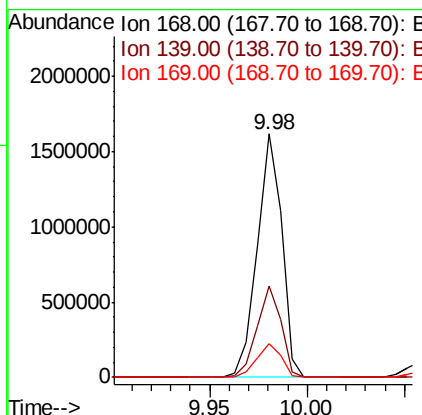
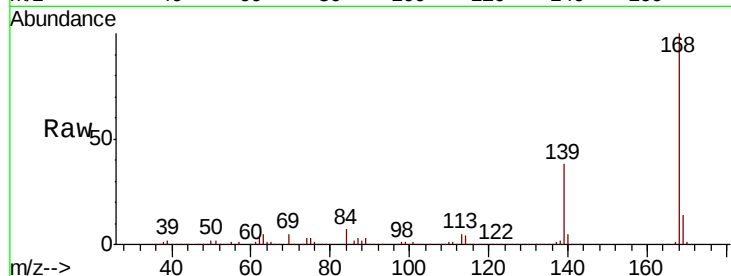




#55
Dibenzofuran
Concen: 39.187 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

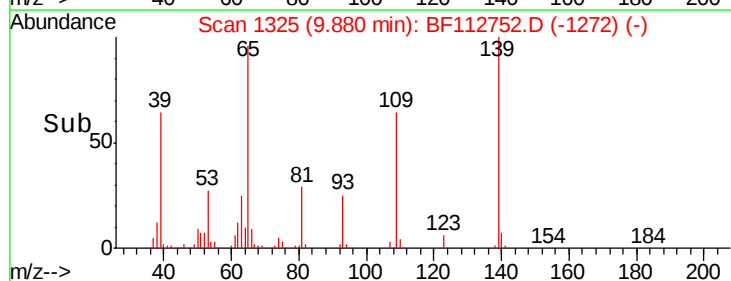
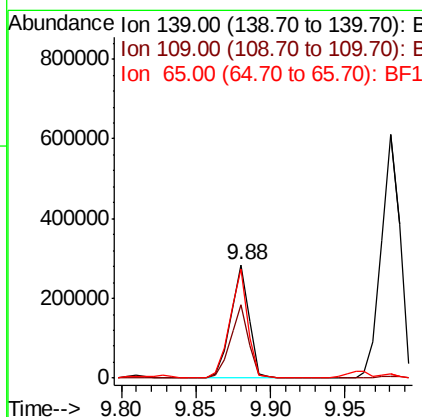
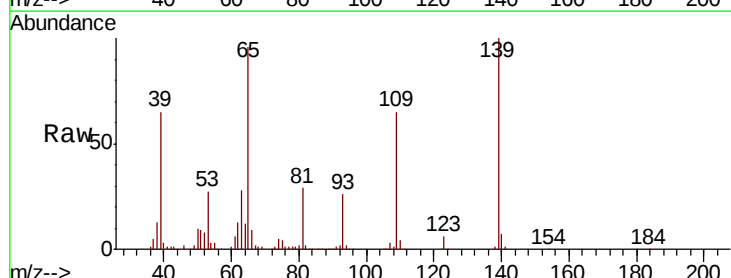
Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

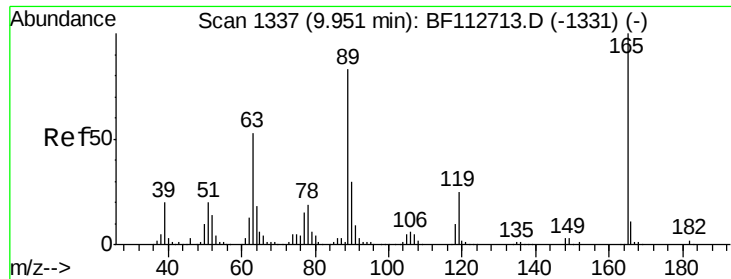
Tgt Ion:168 Resp: 1411070
Ion Ratio Lower Upper
168 100
139 37.8 31.3 46.9
169 14.0 11.3 16.9



#56
4-Nitrophenol
Concen: 42.290 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Tgt Ion:139 Resp: 251969
Ion Ratio Lower Upper
139 100
109 64.6 46.8 86.8
65 96.3 80.7 120.7

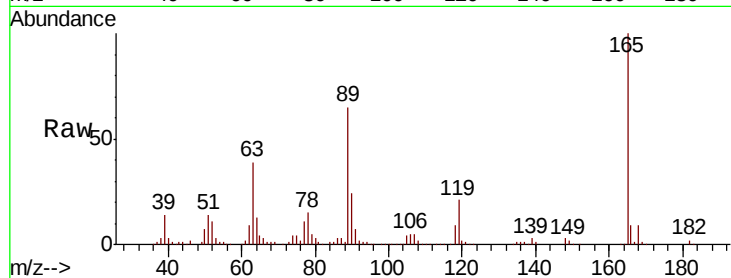




#57
2,4-Dinitrotoluene
Concen: 45.215 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.1	42.2	63.2#
89	65.5	66.2	99.4#
182	2.2	1.8	2.6



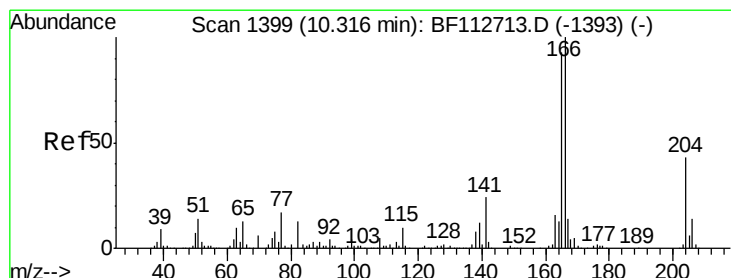
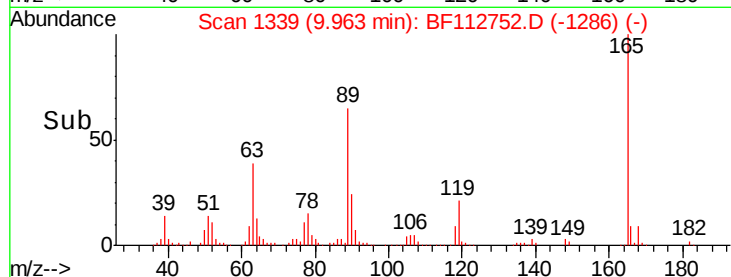
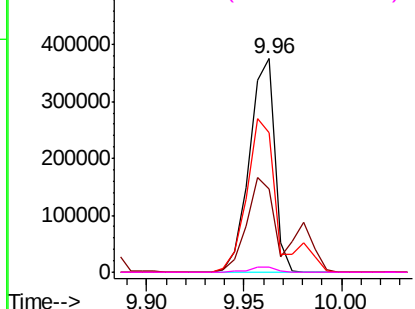
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

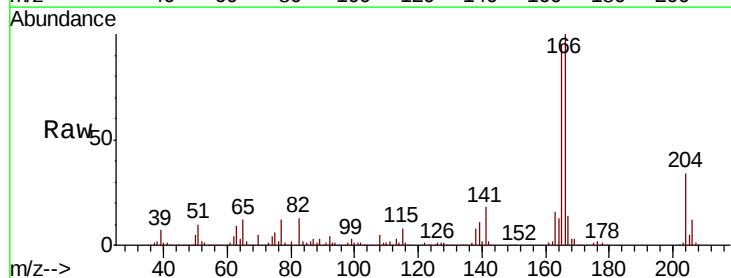
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.764 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.6	74.7	112.1
167	13.9	11.0	16.6

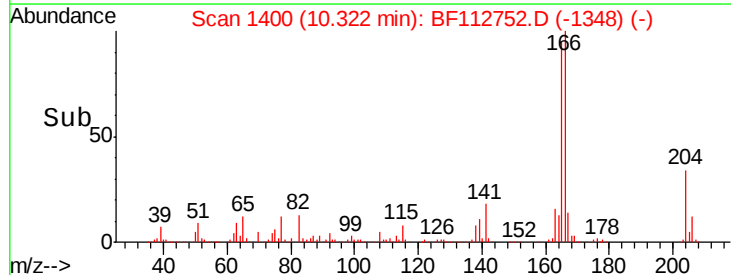
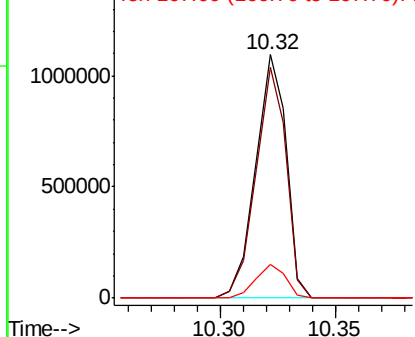


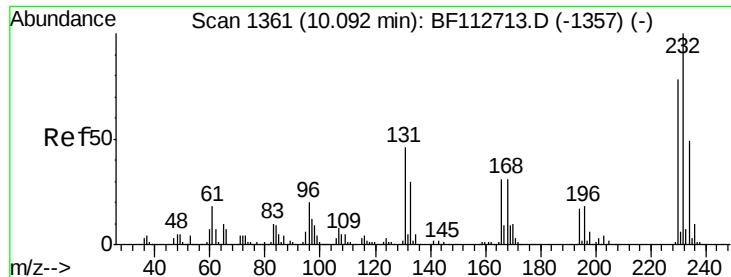
Abundance

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

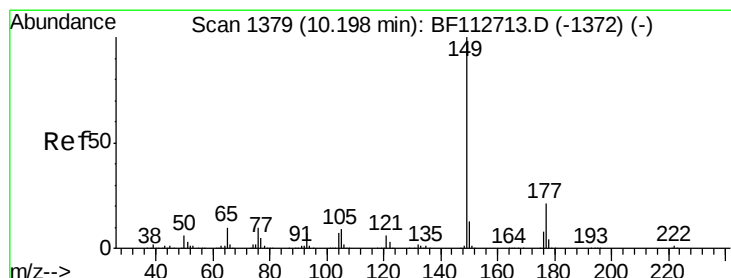
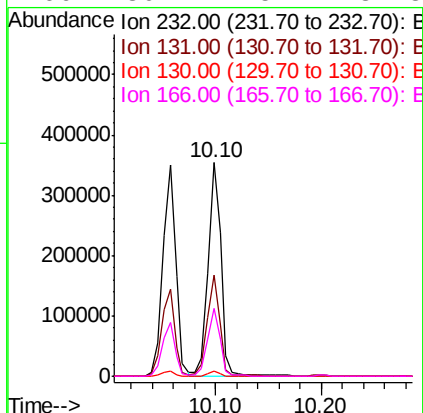
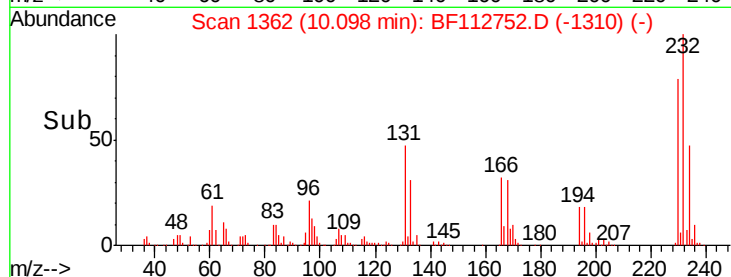
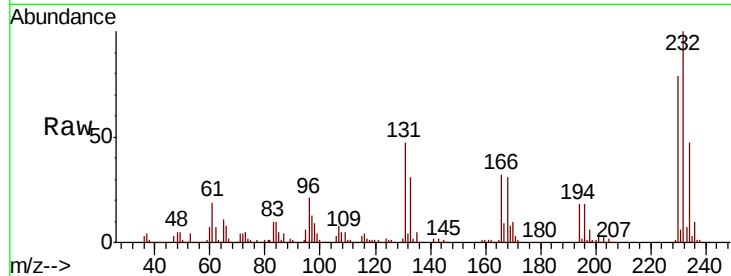




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.707 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

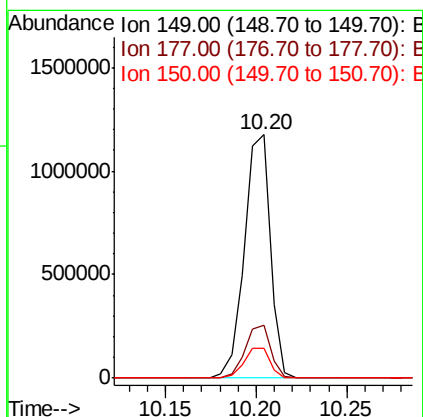
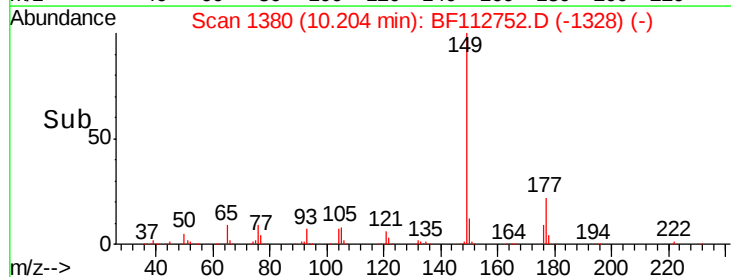
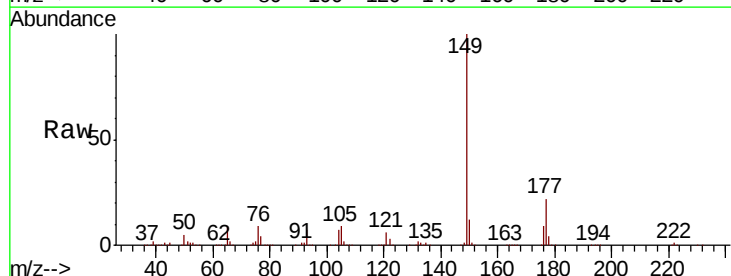
Instrument :
 BNA_F
 ClientSampleId :
 B-1(8-9)DL

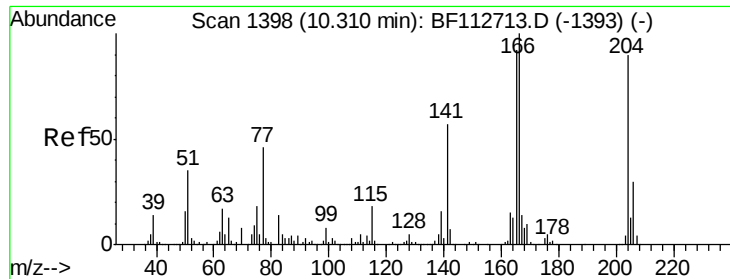
Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.7	38.7	58.1
130	2.2	1.9	2.9
166	30.4	25.2	37.8



#60
 Diethylphthalate
 Concen: 38.280 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.0	25.6
150	12.4	10.0	15.0

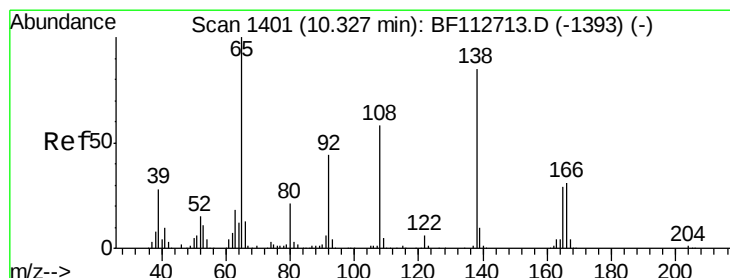
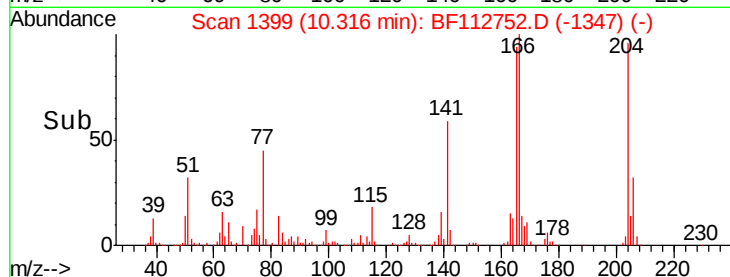
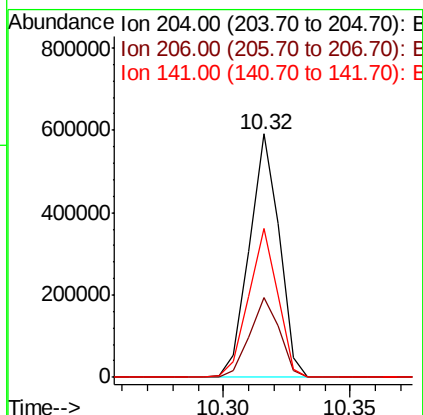
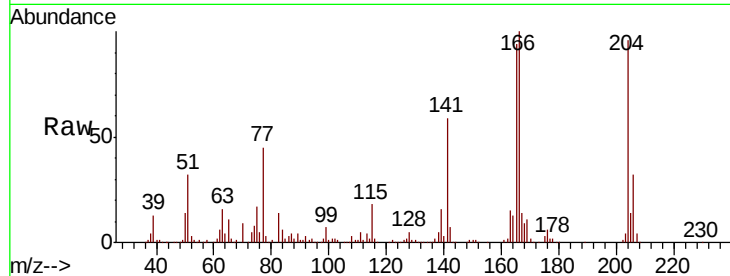




#61
 4-Chlorophenyl-phenylether
 Concen: 40.859 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

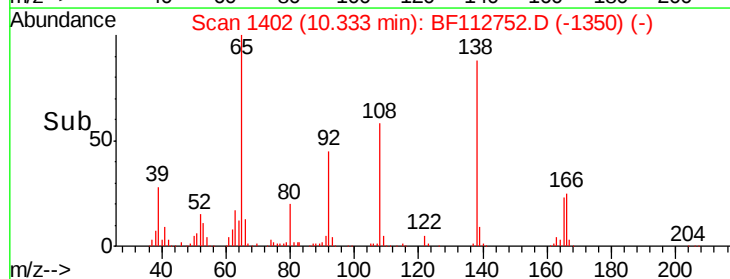
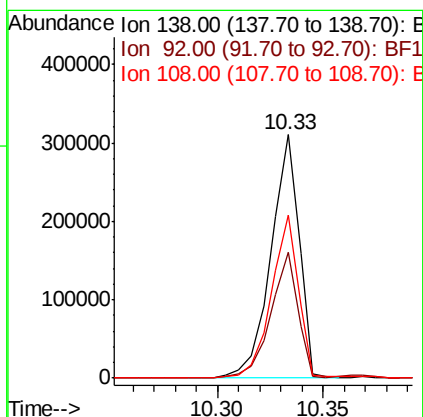
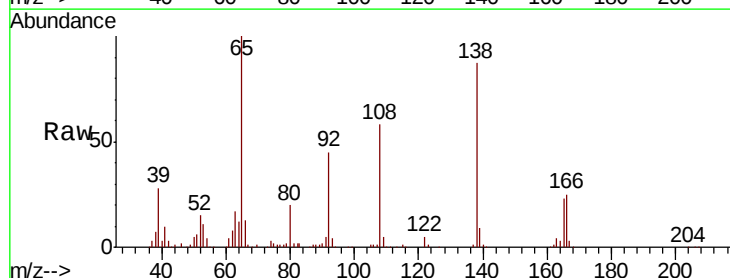
Instrument :
 BNA_F
 ClientSampleId :
 B-1(8-9)DL

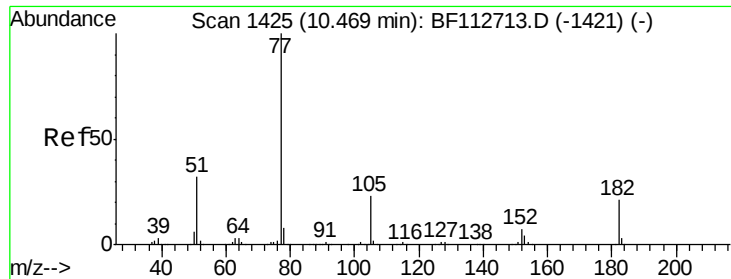
Tgt Ion:	204	Resp:	485843
Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	40.0
141	61.0	50.8	76.2



#62
 4-Nitroaniline
 Concen: 42.511 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Tgt Ion:	138	Resp:	287988
Ion	Ratio	Lower	Upper
138	100		
92	51.6	31.3	71.3
108	66.8	48.1	88.1

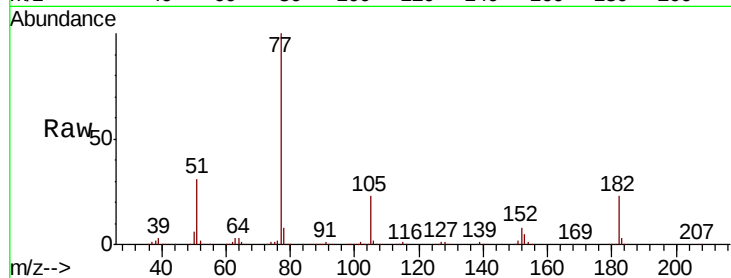




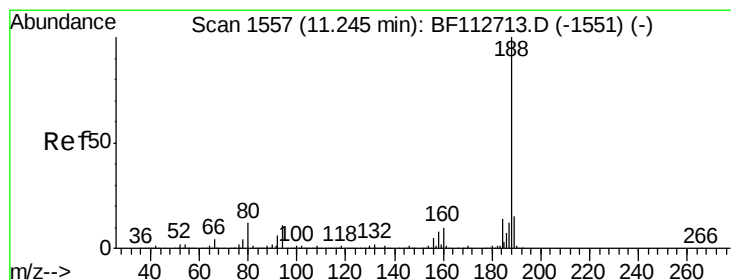
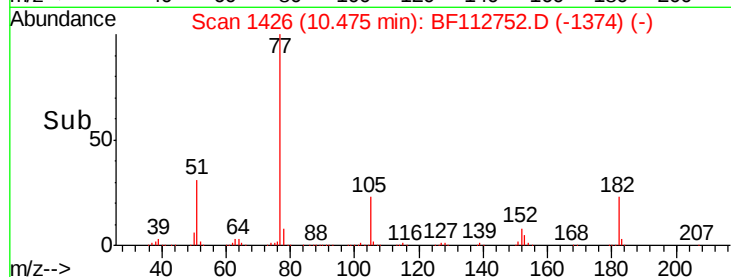
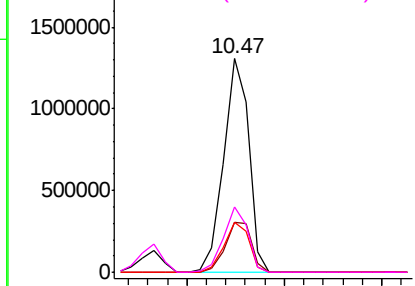
#63
Azobenzene
Concen: 37.313 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tgt Ion: 77 Resp: 1166214
Ion Ratio Lower Upper
77 100
182 23.3 1.4 41.4
105 23.3 2.6 42.6
51 30.7 12.0 52.0

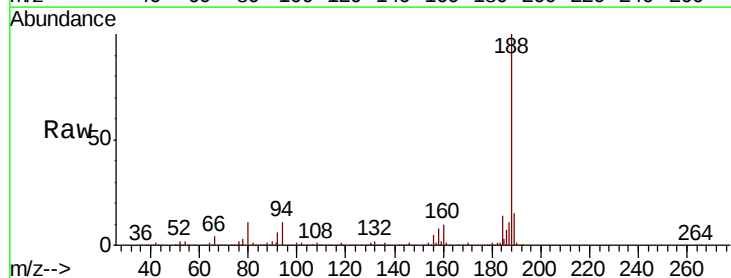


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

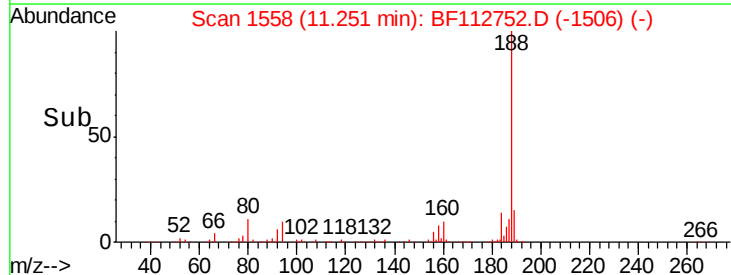
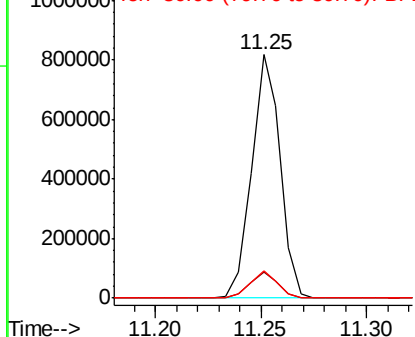


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Tgt Ion: 188 Resp: 764820
Ion Ratio Lower Upper
188 100
94 10.7 9.0 13.4
80 11.2 9.2 13.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 44.491 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

Instrument :

BNA_F

ClientSampled :

B-1(8-9)DL

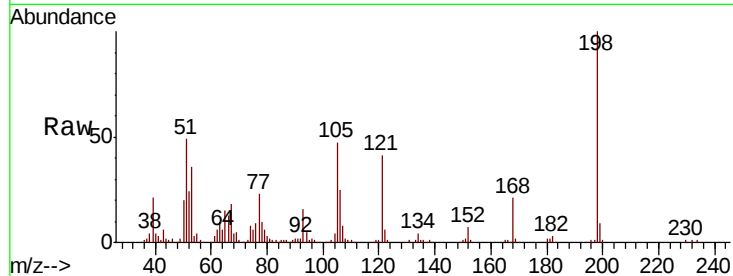
Tgt Ion:198 Resp: 138643

Ion Ratio Lower Upper

198 100

51 48.6 43.8 83.8

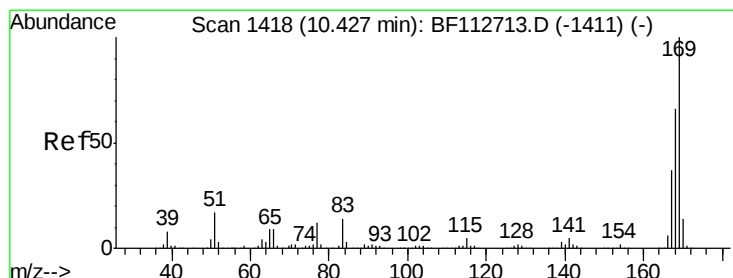
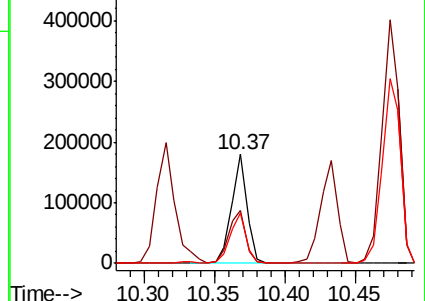
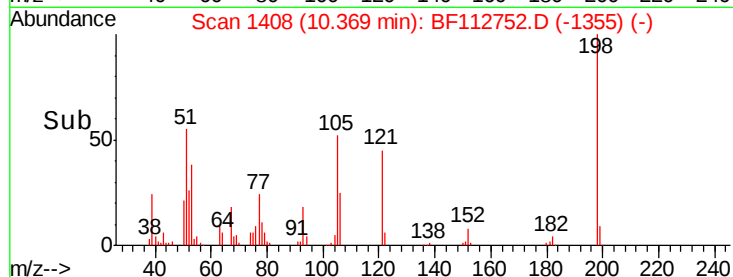
105 46.7 36.5 76.5



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: 39.140 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

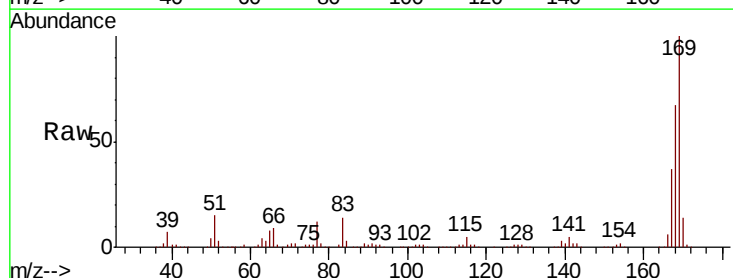
Tgt Ion:169 Resp: 960044

Ion Ratio Lower Upper

169 100

168 66.7 53.0 79.6

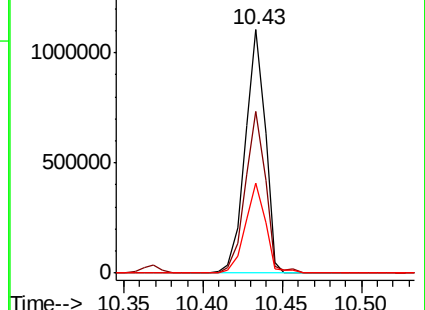
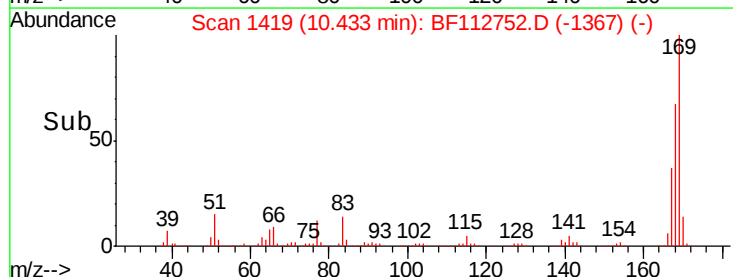
167 36.9 29.3 43.9

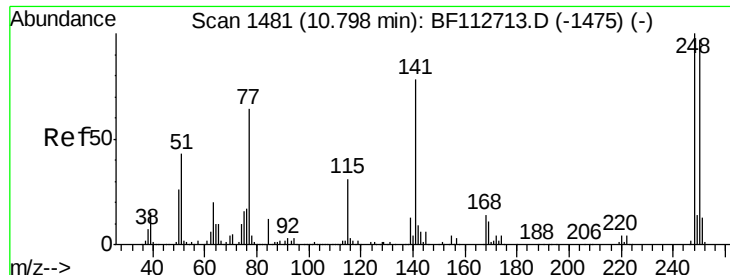


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

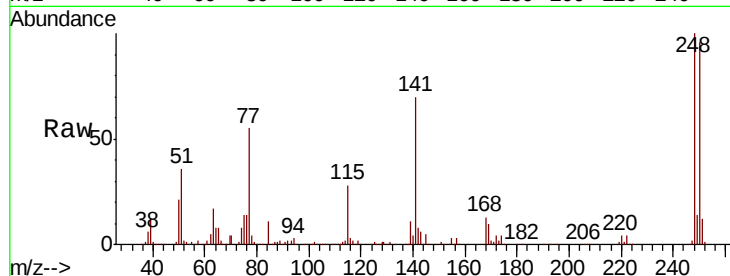




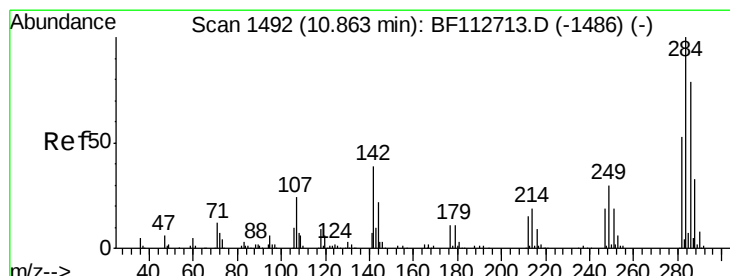
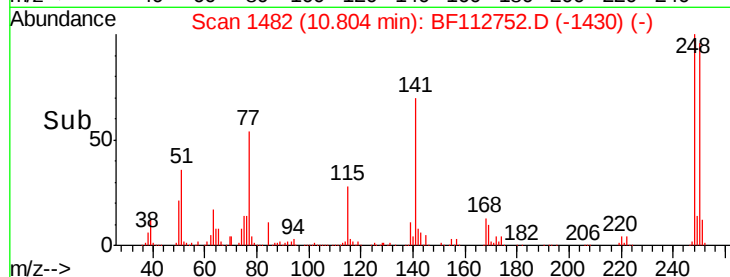
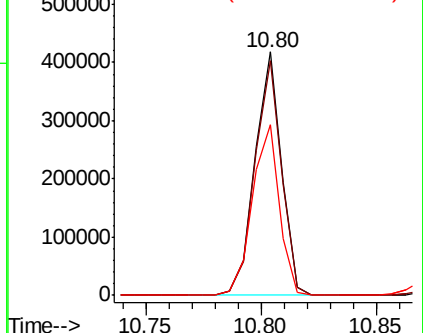
#67
 4-Bromophenyl-phenylether
 Concen: 41.527 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Instrument :
 BNA_F
 ClientSampled :
 B-1(8-9)DL

Tgt Ion:248 Resp: 334538
 Ion Ratio Lower Upper
 248 100
 250 96.4 77.5 116.3
 141 70.1 62.4 93.6

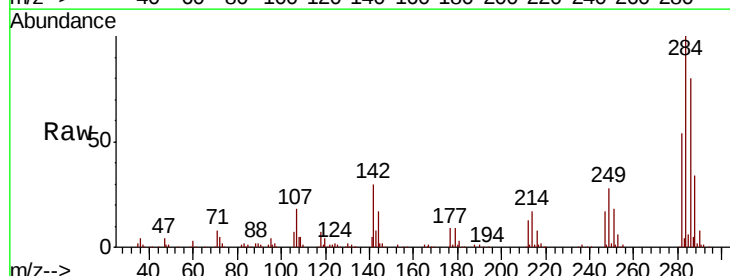


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

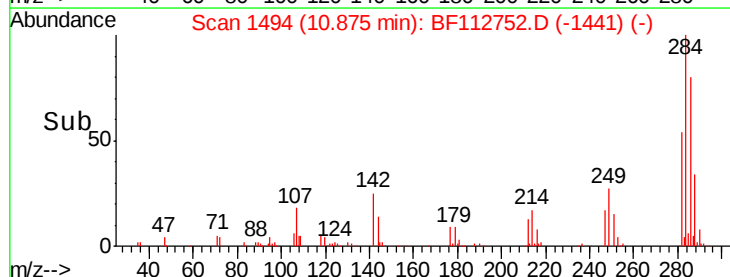
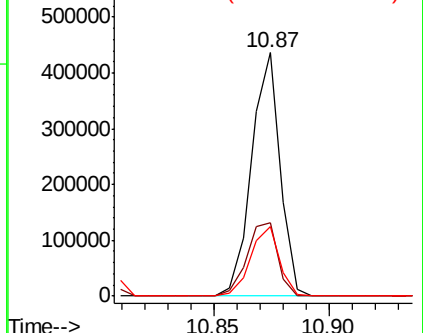


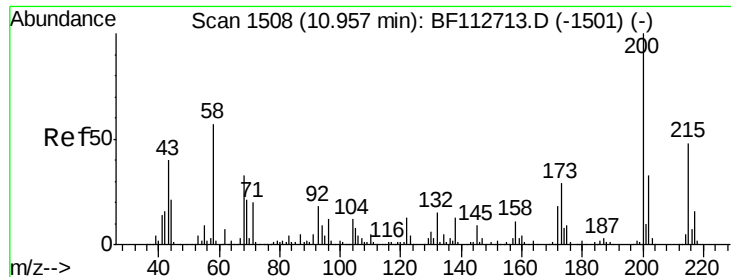
#68
 Hexachlorobenzene
 Concen: 41.482 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Tgt Ion:284 Resp: 376698
 Ion Ratio Lower Upper
 284 100
 142 30.0 31.0 46.6#
 249 28.5 23.6 35.4



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

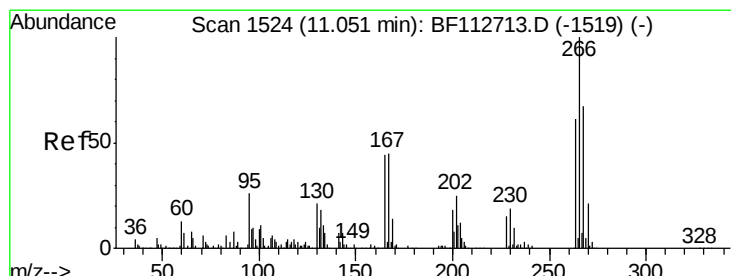
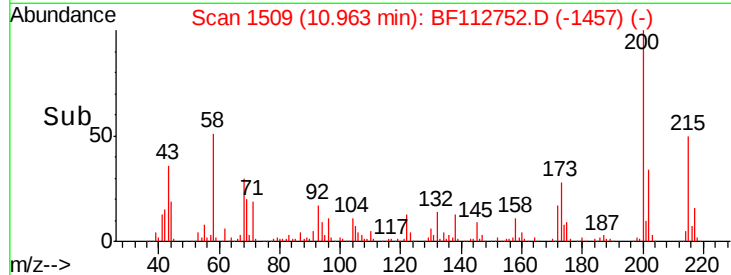
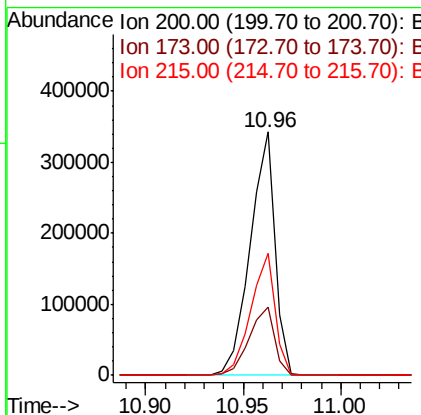
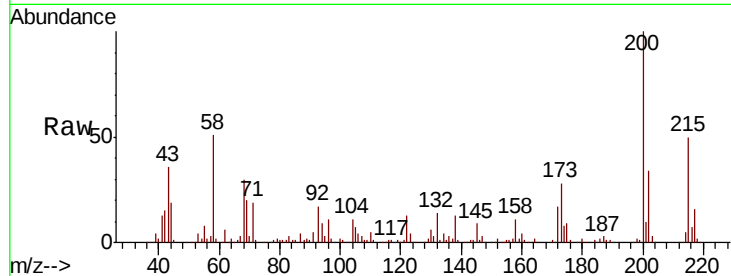




#69
 Atrazine
 Concen: 40.234 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

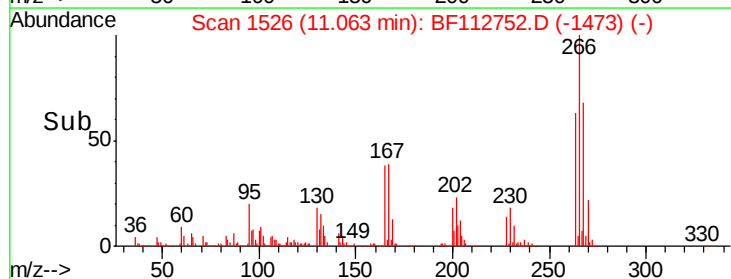
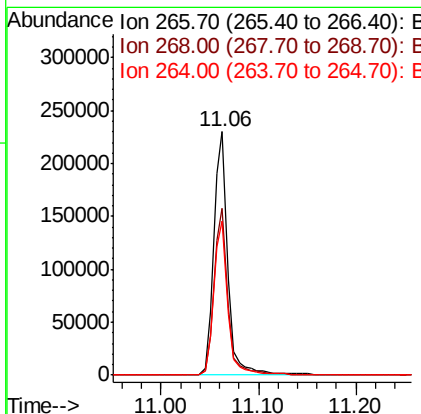
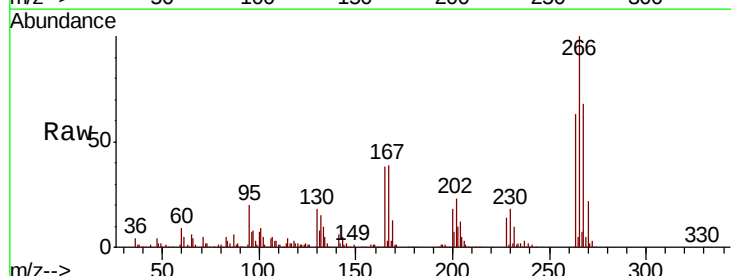
Instrument :
 BNA_F
 ClientSampleID :
 B-1(8-9)DL

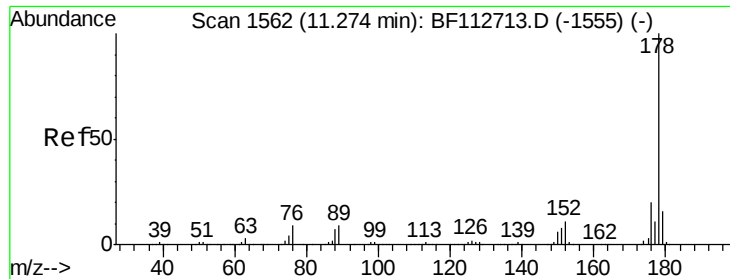
Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.2	9.1	49.1
215	50.1	28.2	68.2



#70
 Pentachlorophenol
 Concen: 42.998 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.5	53.3	79.9
264	63.3	48.9	73.3

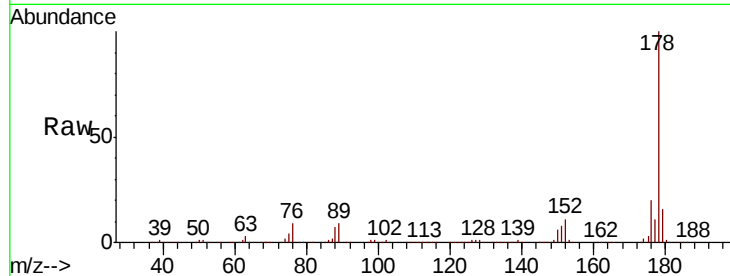




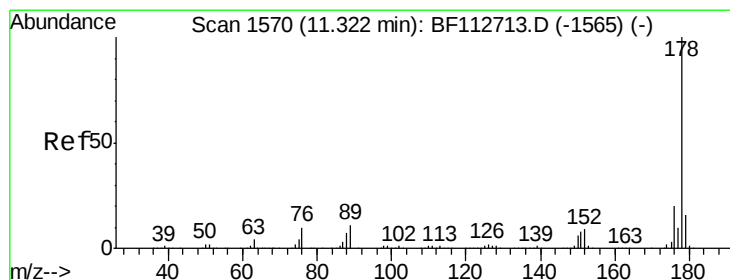
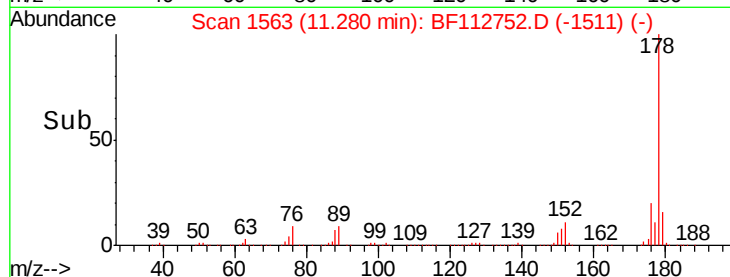
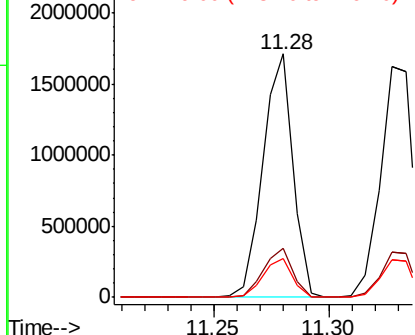
#71
Phenanthrene
Concen: 40.643 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tgt Ion:178 Resp: 1546592
Ion Ratio Lower Upper
178 100
176 20.0 16.3 24.5
179 15.8 12.7 19.1

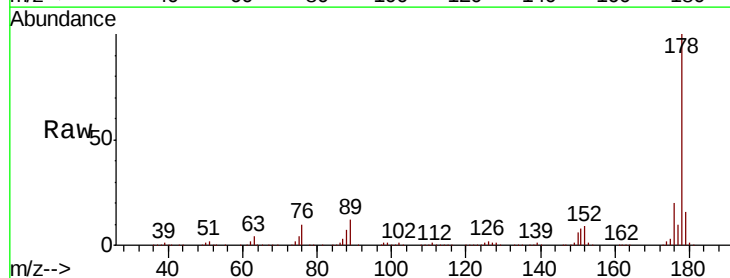


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

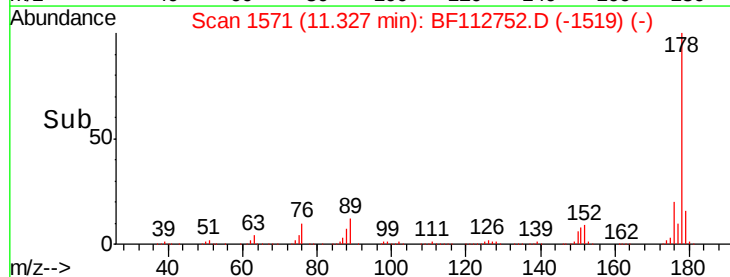
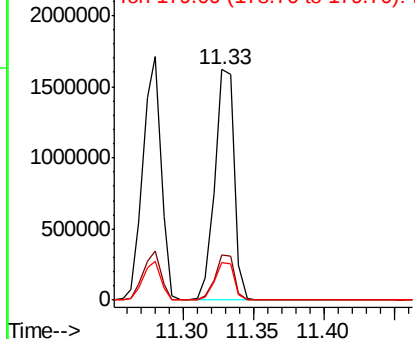


#72
Anthracene
Concen: 38.948 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Tgt Ion:178 Resp: 1551402
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 16.2 13.0 19.6



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

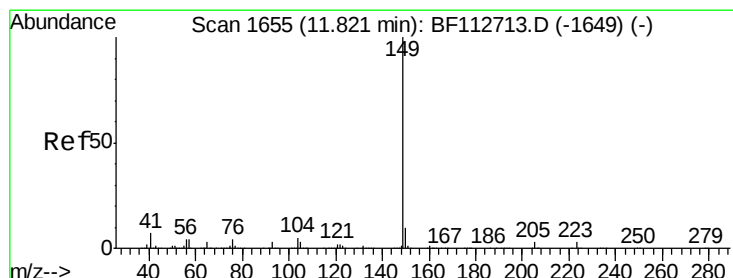
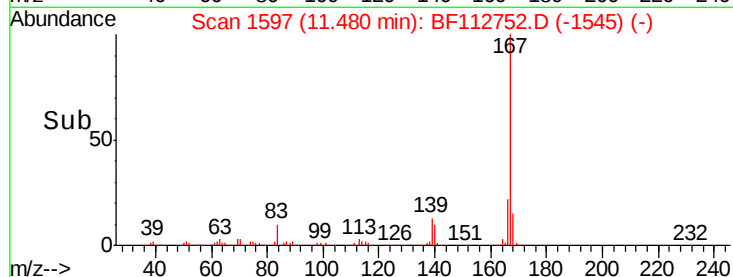
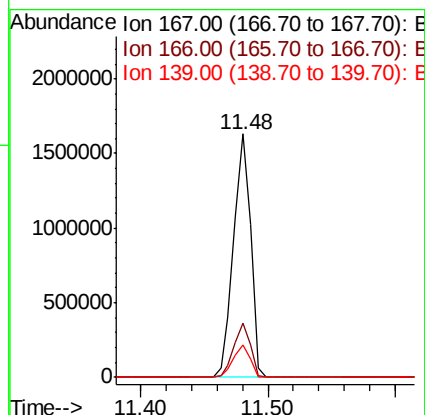
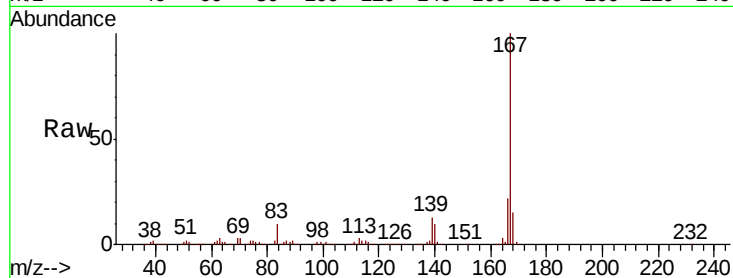




#73
 Carbazole
 Concen: 38.825 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

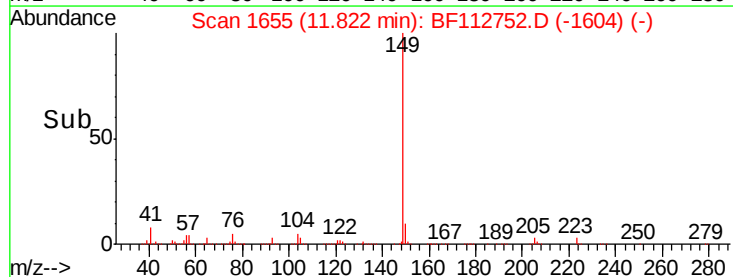
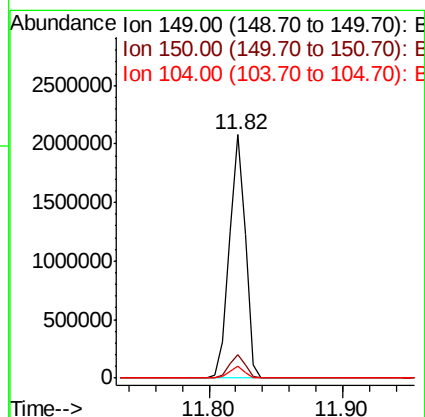
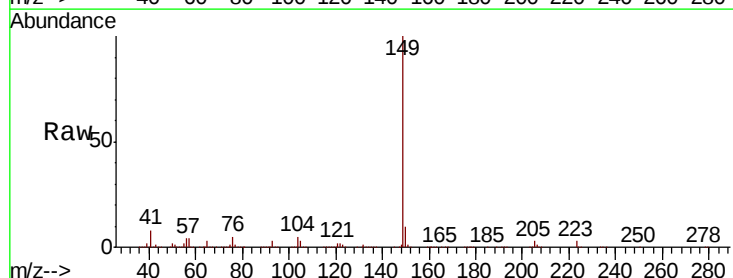
Instrument :
 BNA_F
 ClientSampleId :
 B-1(8-9)DL

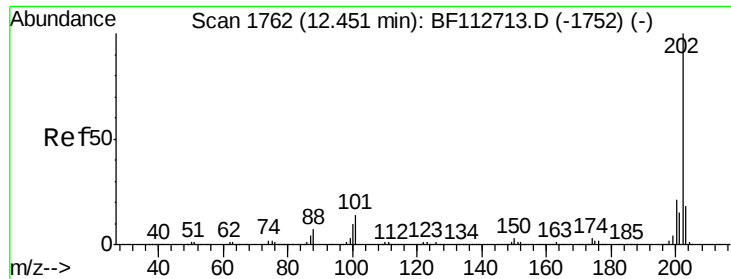
Tgt Ion:167 Resp: 1508647
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.5 26.3
 139 13.3 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 37.957 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Tgt Ion:149 Resp: 1768516
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 4.9 3.7 5.5

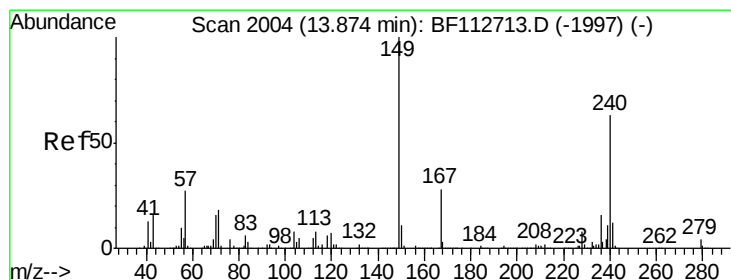
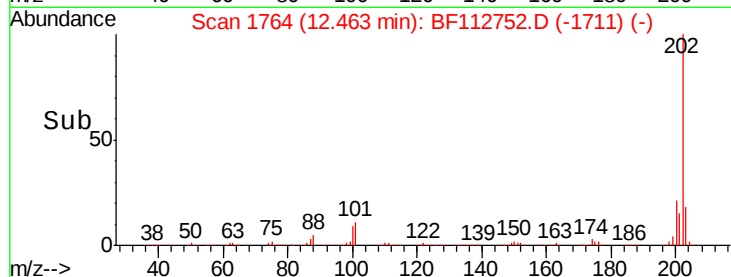
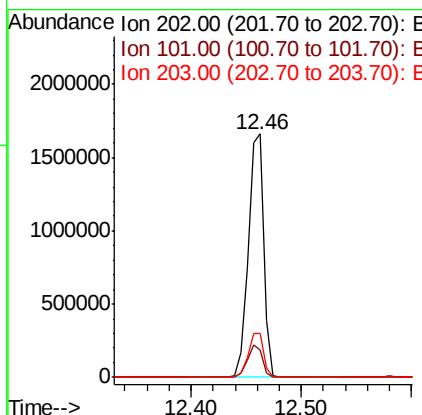
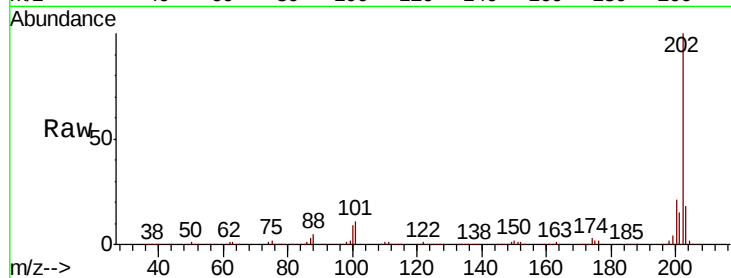




#75
 Fluoranthene
 Concen: 39.971 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

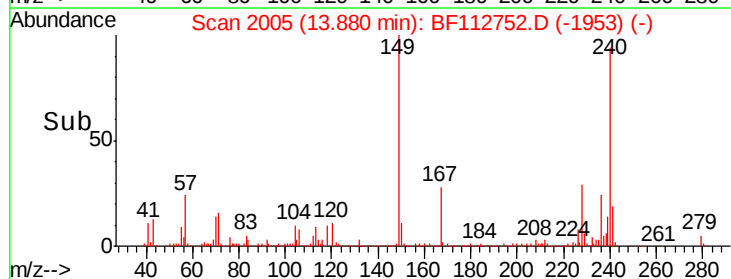
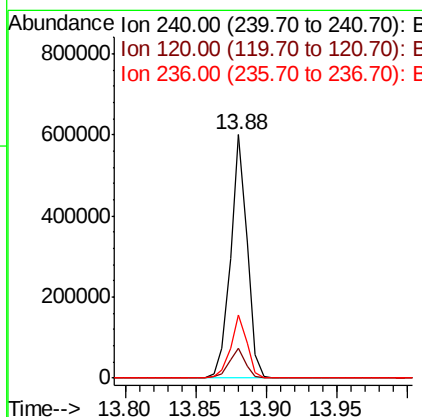
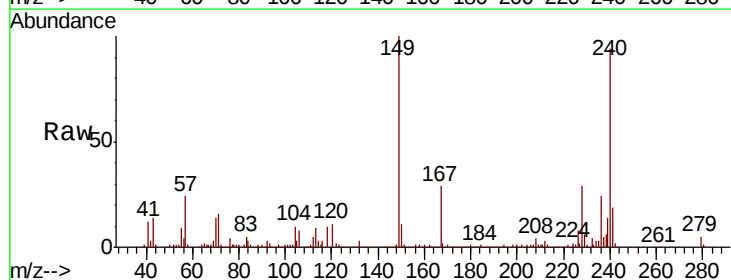
Instrument :
 BNA_F
 ClientSampleId :
 B-1(8-9)DL

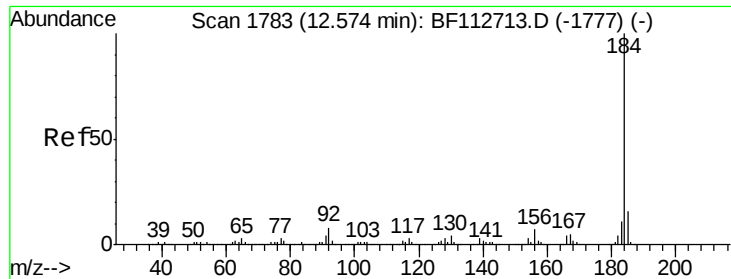
Tgt Ion: 202 Resp: 1629600
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 33.8
 203 18.1 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Tgt Ion: 240 Resp: 488528
 Ion Ratio Lower Upper
 240 100
 120 12.1 8.9 13.3
 236 26.1 20.7 31.1

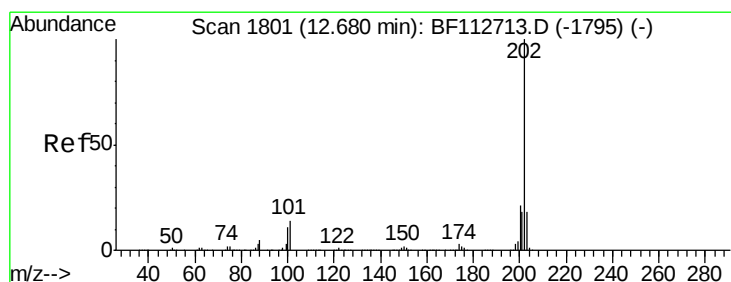
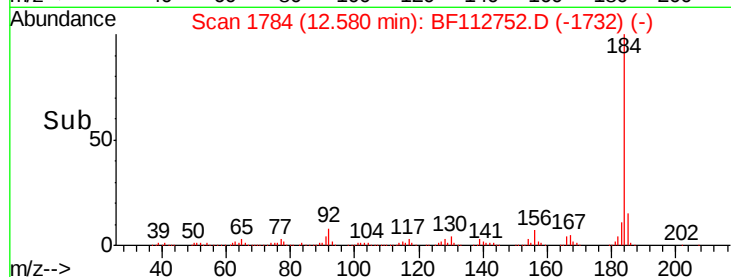
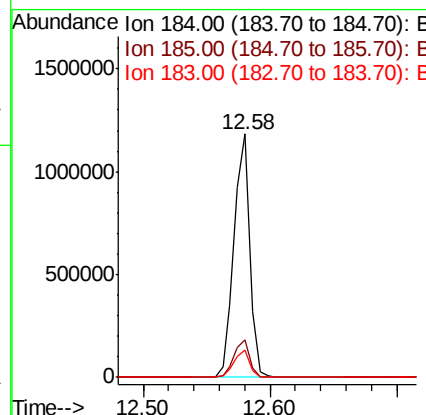
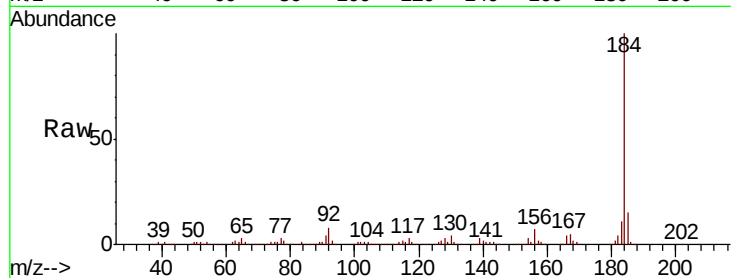




#77
Benzidine
Concen: 40.203 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

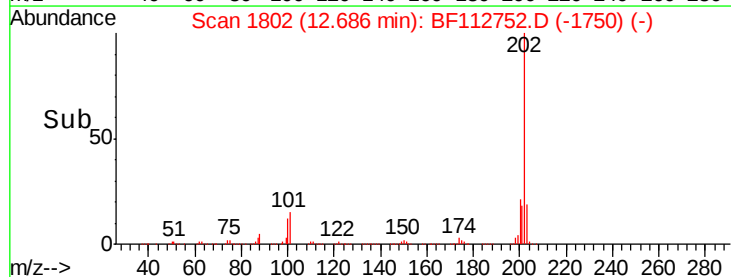
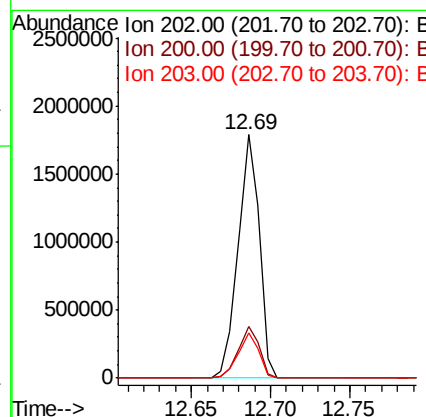
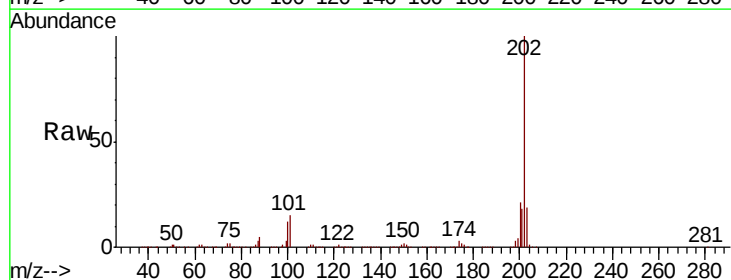
Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

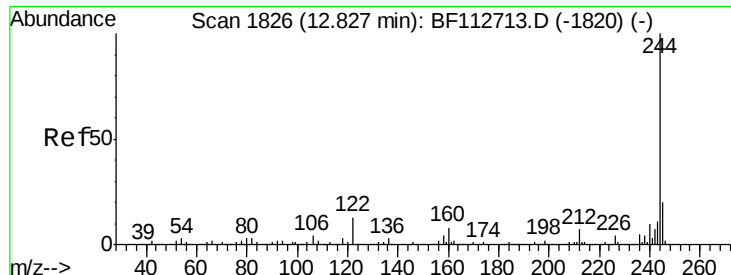
Tgt Ion:184 Resp: 1018965
Ion Ratio Lower Upper
184 100
185 15.4 12.6 18.8
183 11.1 8.6 12.8



#78
Pyrene
Concen: 40.256 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Tgt Ion:202 Resp: 1657920
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 18.6 14.4 21.6

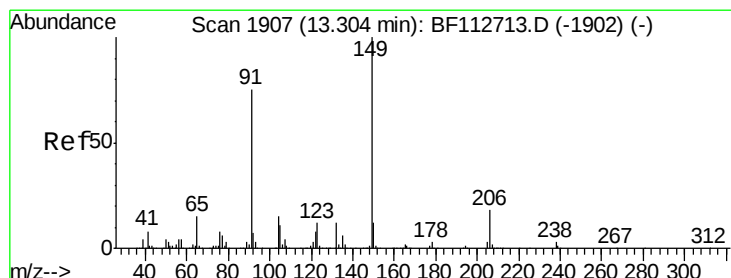
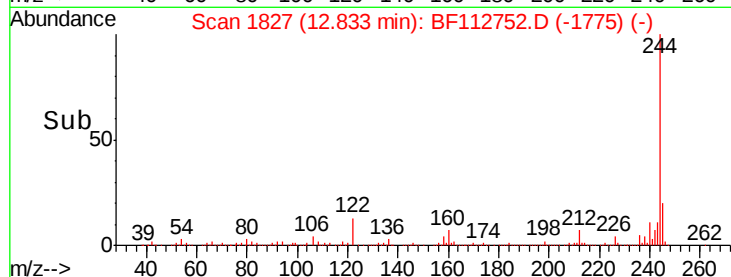
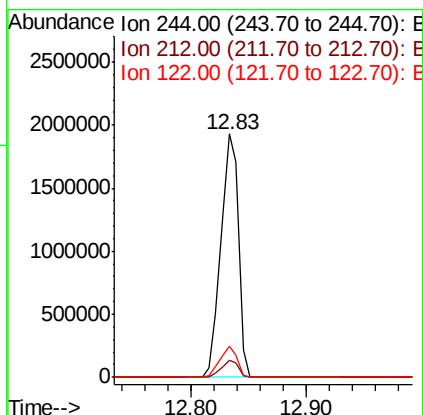
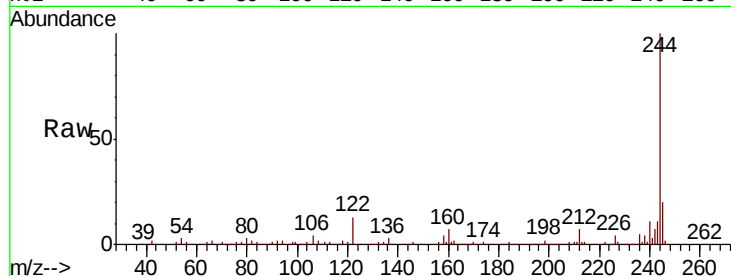




#79
 Terphenyl-d14
 Concen: 80.554 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

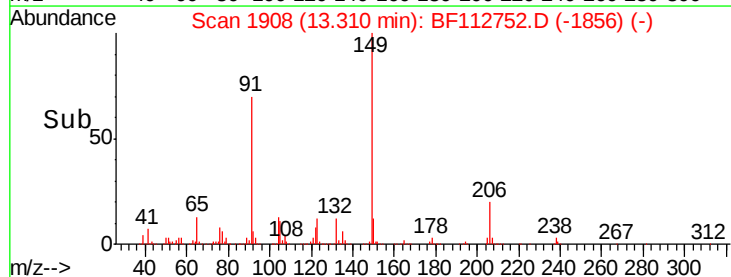
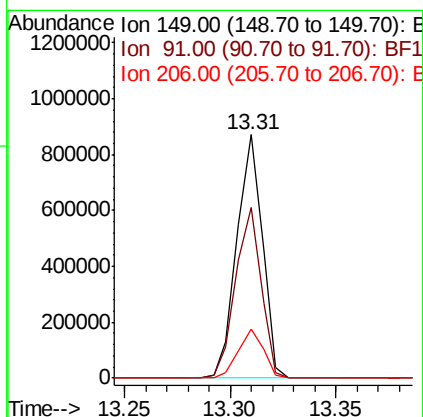
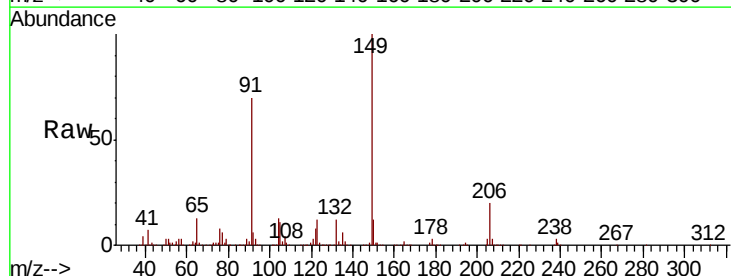
Instrument :
 BNA_F
 ClientSampleId :
 B-1(8-9)DL

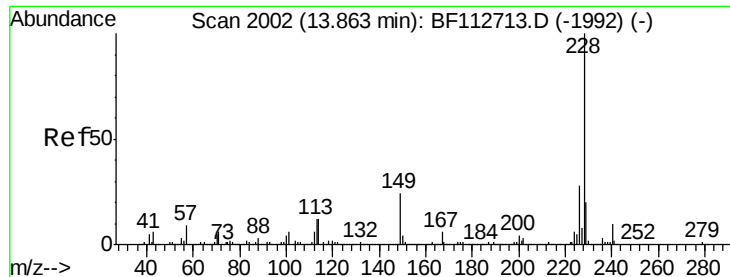
Tgt Ion:244 Resp: 2030082
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 12.8 10.5 15.7



#80
 Butylbenzylphthalate
 Concen: 40.025 ng
 RT: 13.31 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: BF112752.D
 Acq: 28 Feb 2019 10:34

Tgt Ion:149 Resp: 727609
 Ion Ratio Lower Upper
 149 100
 91 70.1 59.9 89.9
 206 20.1 14.7 22.1





#81

Benzo(a)anthracene

Concen: 37.862 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

Instrument :

BNA_F

ClientSampleId :

B-1(8-9)DL

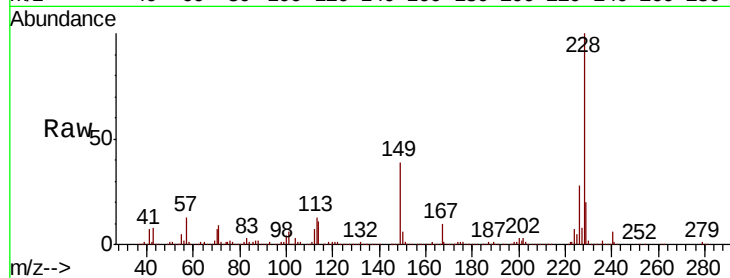
Tgt Ion:228 Resp: 1281936

Ion Ratio Lower Upper

228 100

226 28.0 22.2 33.4

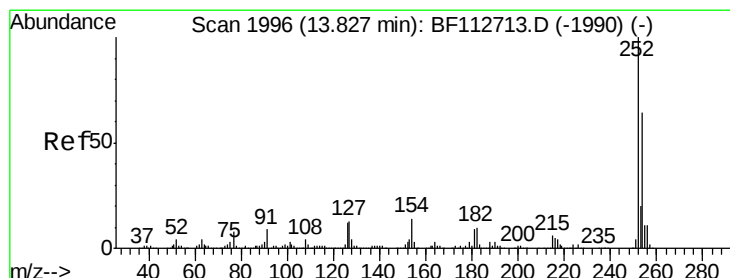
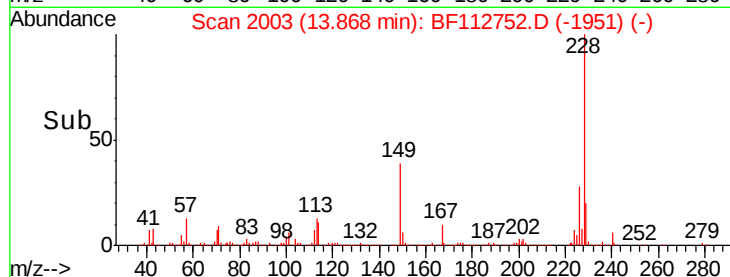
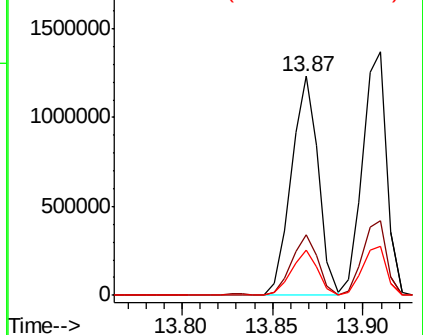
229 20.4 16.0 24.0



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: 40.992 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

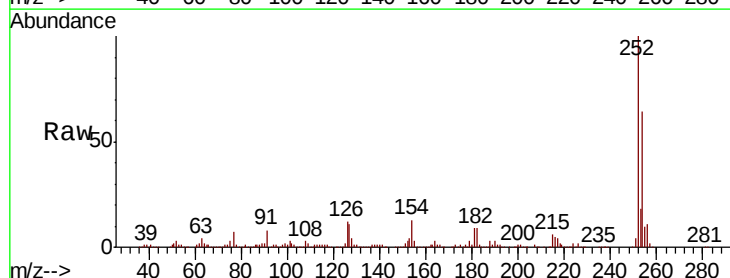
Tgt Ion:252 Resp: 524915

Ion Ratio Lower Upper

252 100

254 63.7 51.1 76.7

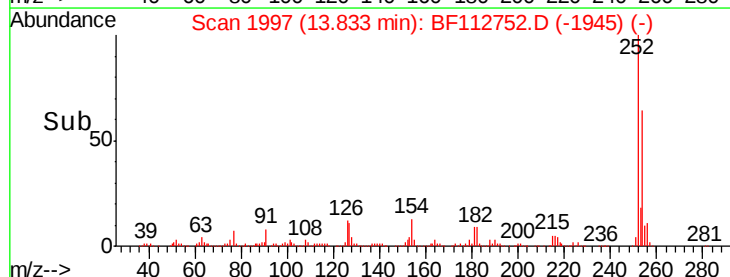
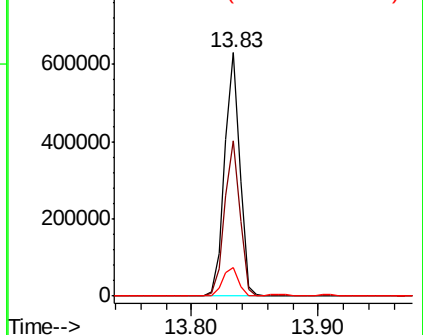
126 11.9 9.9 14.9

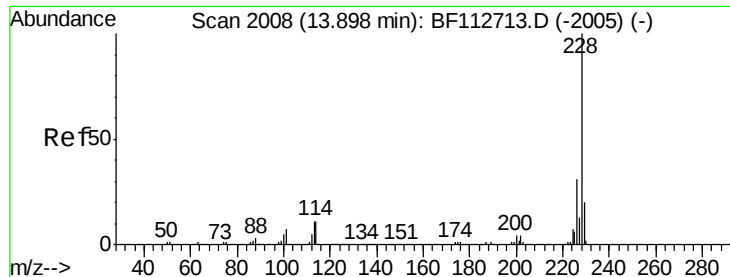


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.406 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

Instrument :

BNA_F

ClientSampleId :

B-1(8-9)DL

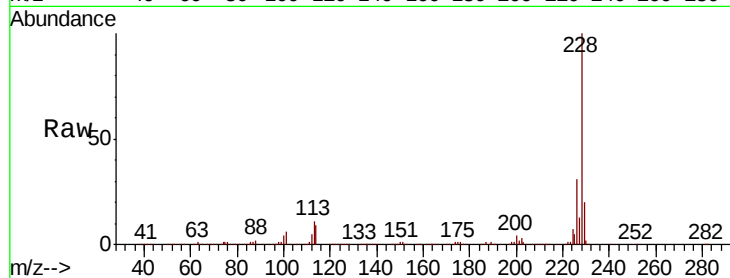
Tgt Ion:228 Resp: 1273753

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

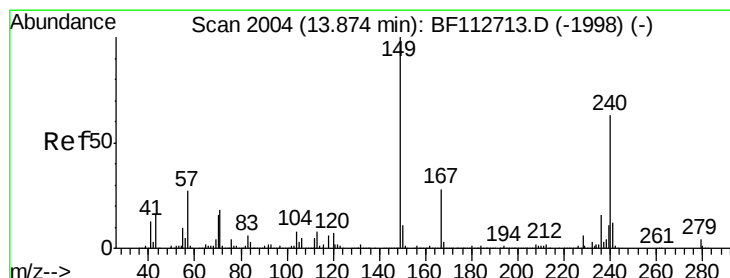
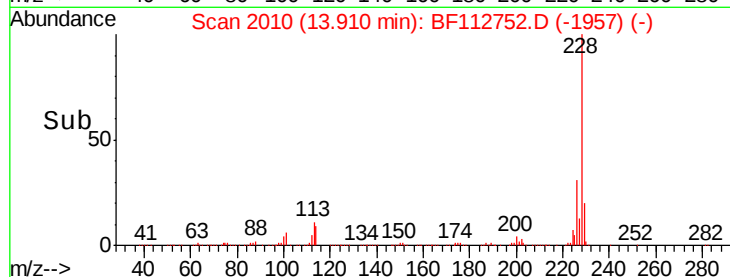
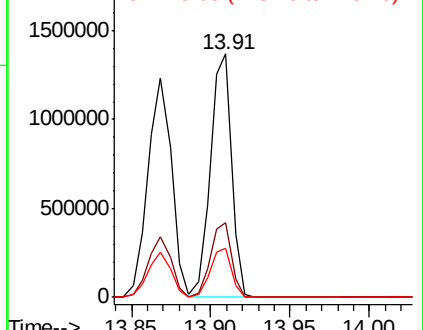
229 19.9 16.3 24.5



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: 37.960 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

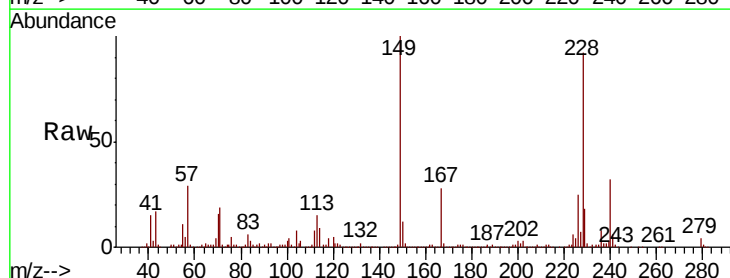
Tgt Ion:149 Resp: 809422

Ion Ratio Lower Upper

149 100

167 27.5 22.4 33.6

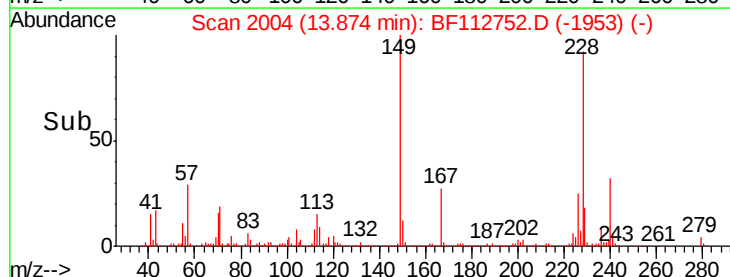
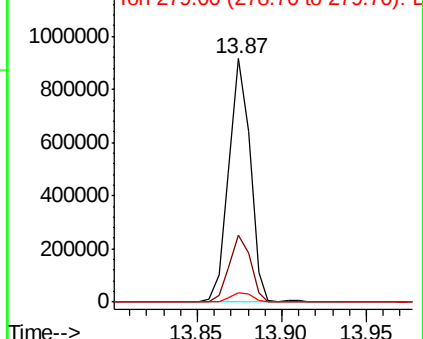
279 3.6 3.3 4.9

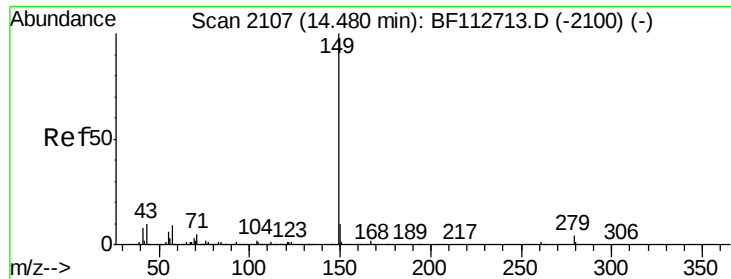


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

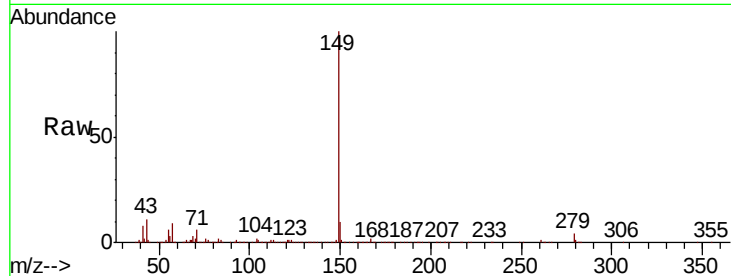




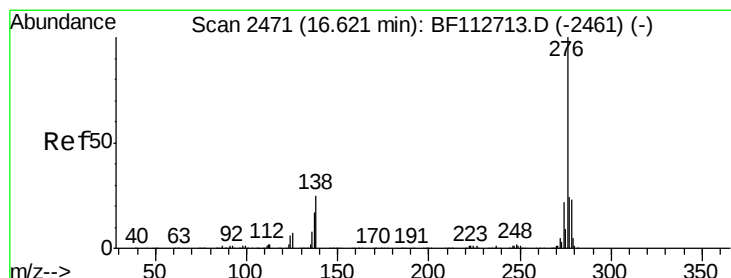
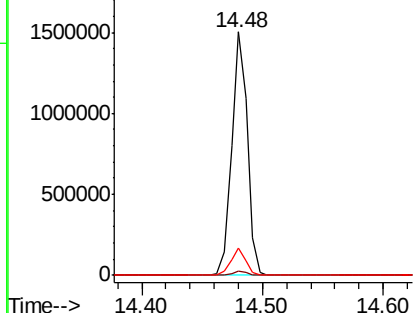
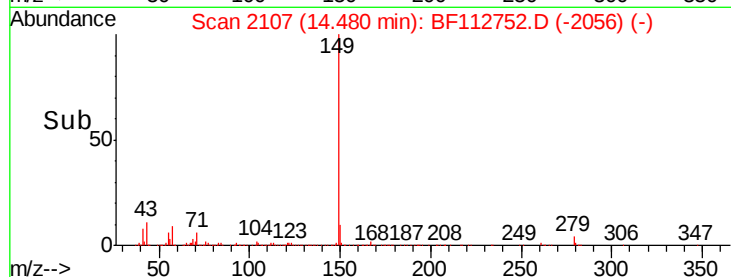
#85
Di-n-octyl phthalate
Concen: 36.761 ng
RT: 14.48 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Instrument :
BNA_F
ClientSampleId :
B-1(8-9)DL

Tgt Ion:149 Resp: 1345963
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.3 9.0 13.4

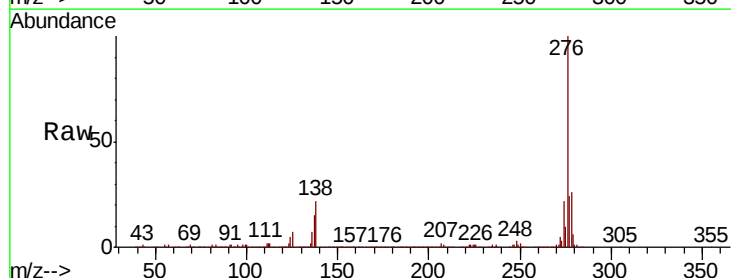


Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

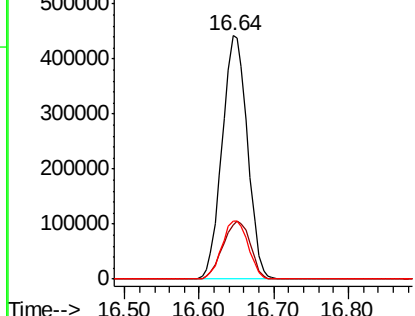
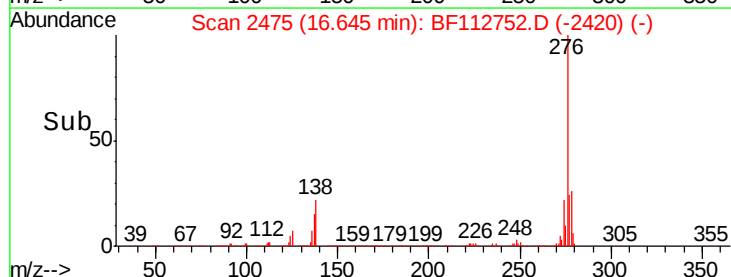


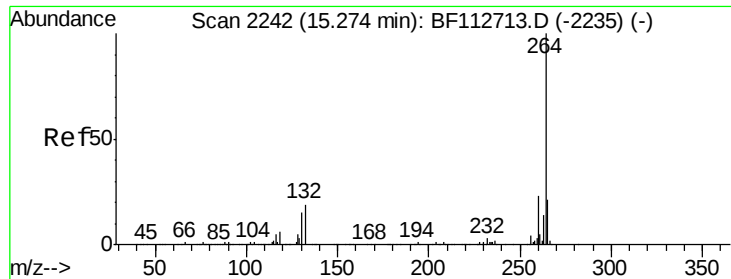
#86
Indeno(1,2,3-cd)pyrene
Concen: 36.834 ng
RT: 16.64 min Scan# 2475
Delta R.T. 0.02 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Tgt Ion:276 Resp: 1041457
Ion Ratio Lower Upper
276 100
138 25.9 23.2 34.8
277 25.1 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E
600000 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: BF112752.D

Acq: 28 Feb 2019 10:34

Instrument :

BNA_F

ClientSampleId :

B-1(8-9)DL

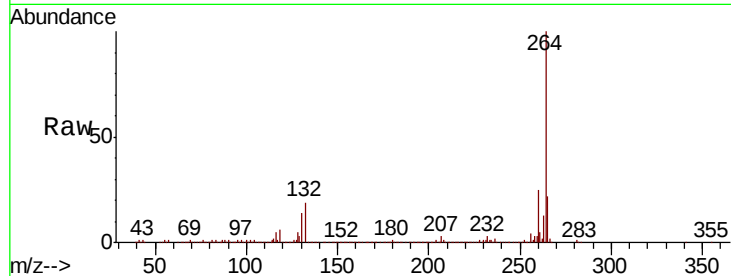
Tgt Ion:264 Resp: 423388

Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

265 21.5 17.2 25.8

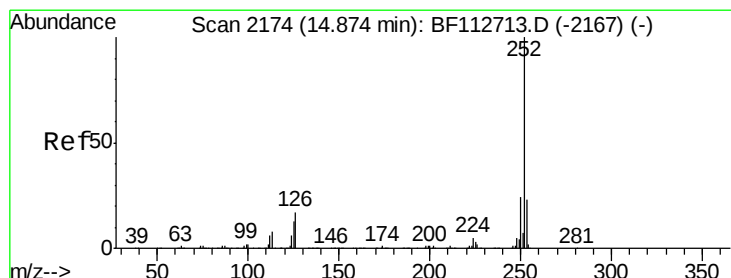
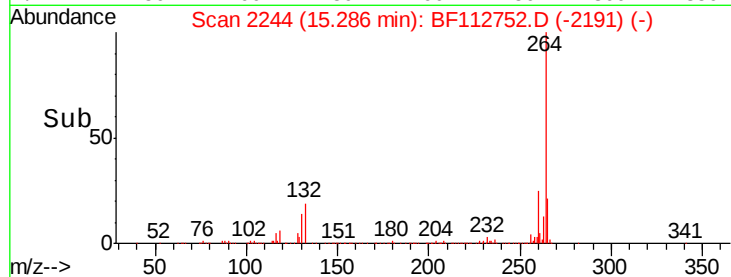
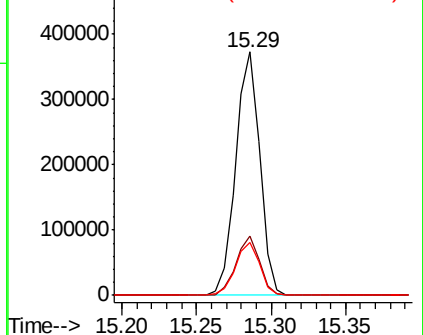


Abundance

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: 43.160 ng

RT: 14.89 min Scan# 2176

Delta R.T. 0.01 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

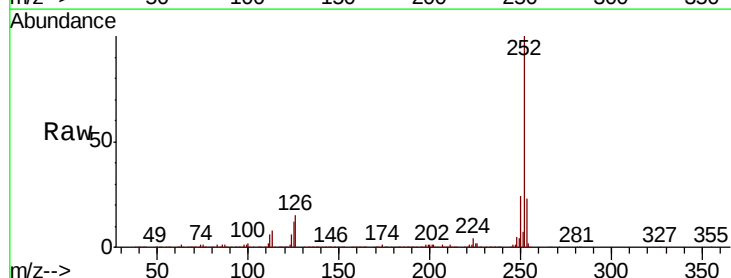
Tgt Ion:252 Resp: 1181964

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

125 11.7 10.2 15.2

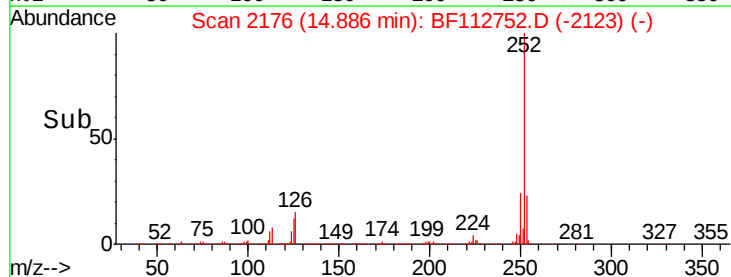
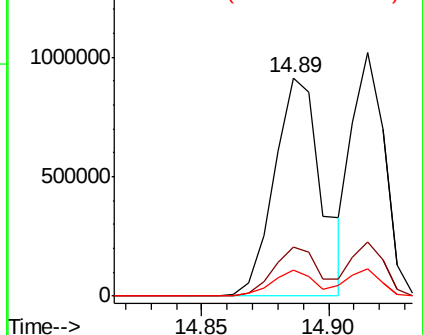


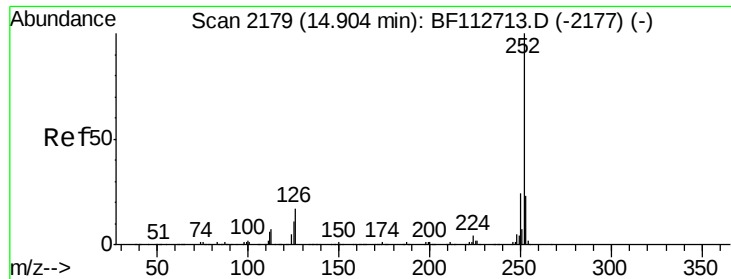
Abundance

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

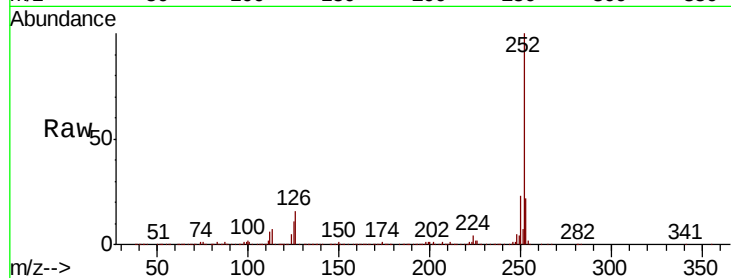




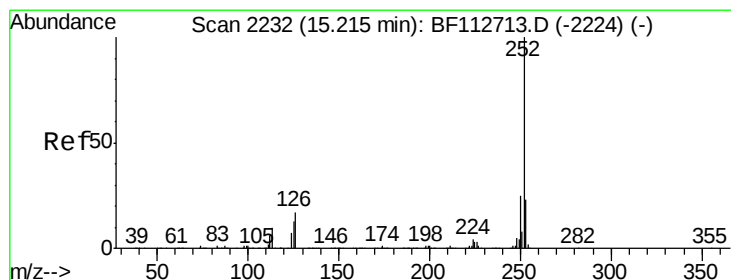
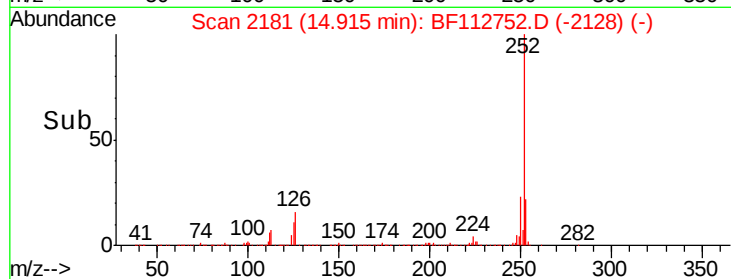
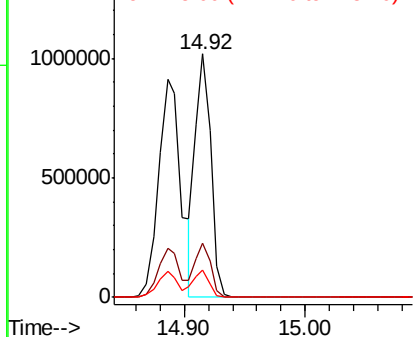
#89
Benzo(k)fluoranthene
Concen: 36.965 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Instrument :
BNA_F
ClientSampleID :
B-1(8-9)DL

Tgt Ion:252 Resp: 916952
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 11.3 9.8 14.6

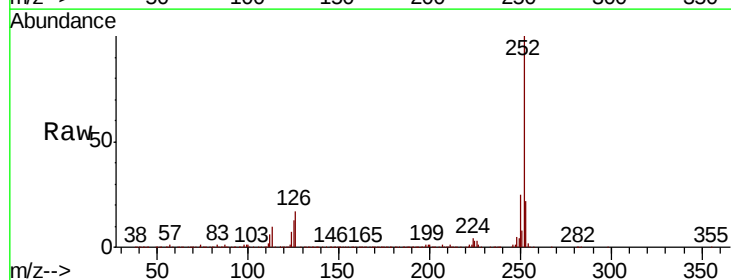


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

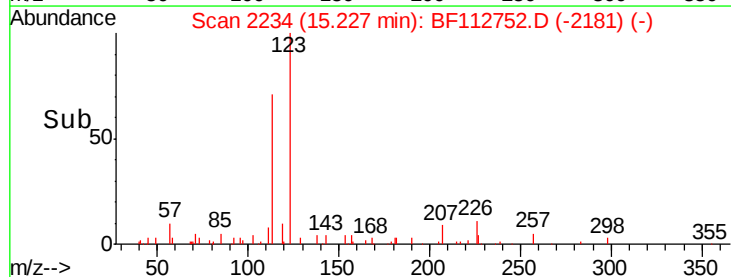
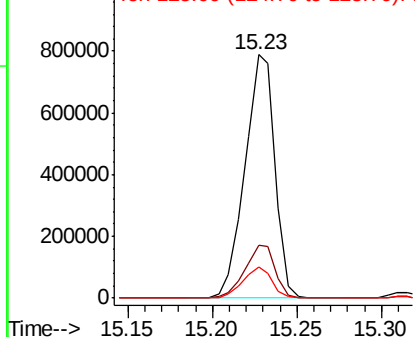


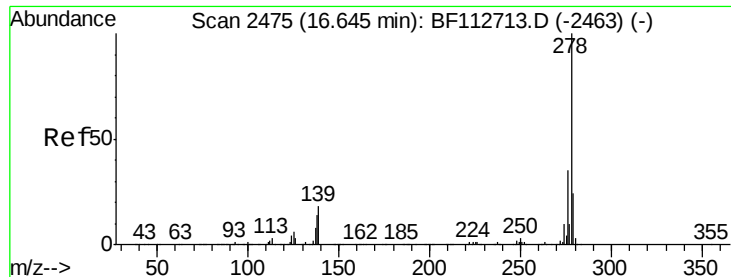
#90
Benzo(a)pyrene
Concen: 40.243 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF112752.D
Acq: 28 Feb 2019 10:34

Tgt Ion:252 Resp: 974809
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 12.6 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: 40.724 ng

RT: 16.66 min Scan# 2478

Delta R.T. 0.02 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

Instrument :

BNA_F

ClientSampleId :

B-1(8-9)DL

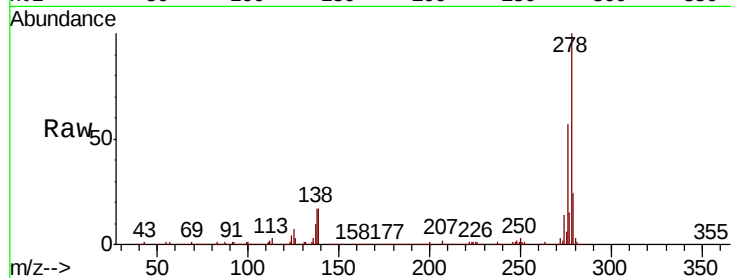
Tgt Ion:278 Resp: 841780

Ion Ratio Lower Upper

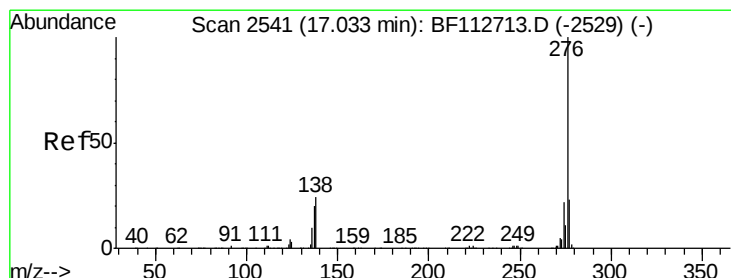
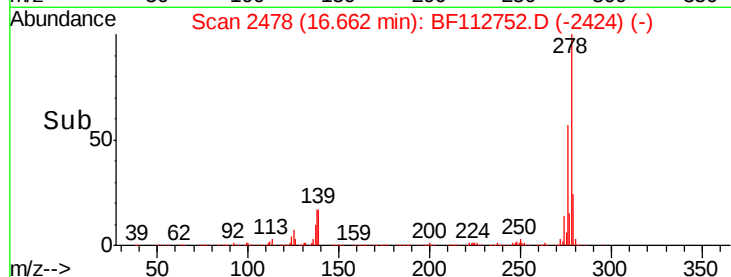
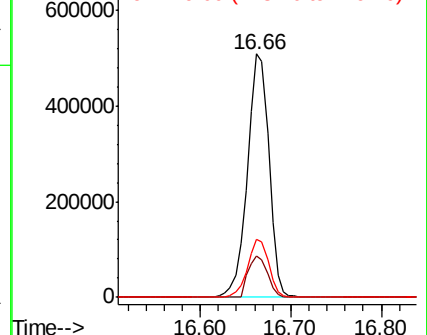
278 100

139 17.2 14.3 21.5

279 23.7 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: 40.782 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.02 min

Lab File: BF112752.D

Acq: 28 Feb 2019 10:34

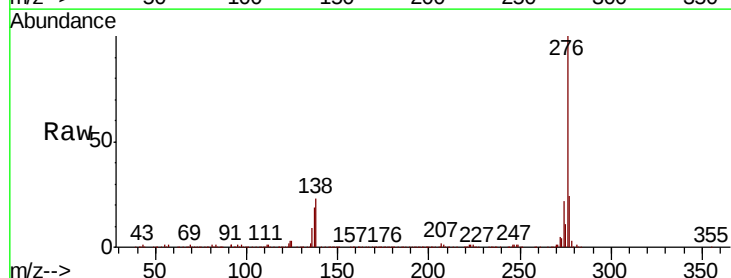
Tgt Ion:276 Resp: 846449

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 22.9 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

