

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113291.D
 Acq On : 26 Mar 2019 14:53
 Operator : JU/SJ
 Sample : K2081-14MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

Quant Time: Mar 27 04:56:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	151956	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	628455	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	303892	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	633233	20.00	ng	0.00
76) Chrysene-d12	13.84	240	476071	20.00	ng	0.00
87) Perylene-d12	15.24	264	453451	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1156883	124.49	ng	0.01
7) Phenol-d6	6.36	99	1410120	119.94	ng	0.00
23) Nitrobenzene-d5	7.27	82	910350	85.98	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	490945	130.79	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1723913	89.94	ng	0.00
79) Terphenyl-d14	12.79	244	1966469	91.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	157634	33.432	ng	99
3) Pyridine	3.12	79	383970	33.033	ng	97
4) n-Nitrosodimethylamine	3.04	42	188561	36.490	ng	96
6) Aniline	6.37	93	338321	23.631	ng	# 52
8) 2-Chlorophenol	6.49	128	395311	36.630	ng	100
9) Benzaldehyde	6.25	77	93157	11.808	ng	99
10) Phenol	6.37	94	510006	37.999	ng	86
11) bis(2-Chloroethyl)ether	6.45	93	387268	37.642	ng	98
12) 1,3-Dichlorobenzene	6.65	146	415245	35.696	ng	98
13) 1,4-Dichlorobenzene	6.72	146	420506	37.438	ng	99
14) 1,2-Dichlorobenzene	6.87	146	391385	35.419	ng	98
15) Benzyl Alcohol	6.85	79	325309	41.943	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	600911	38.880	ng	100
17) 2-Methylphenol	6.97	107	322516	38.134	ng	99
18) Hexachloroethane	7.22	117	154579	38.317	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	276683	37.467	ng	99
20) 3+4-Methylphenols	7.13	107	418329	42.676	ng	93
22) Acetophenone	7.12	105	551961	38.512	ng	# 98
24) Nitrobenzene	7.29	77	431684	39.070	ng	97
25) Isophorone	7.53	82	824765	40.194	ng	98
26) 2-Nitrophenol	7.60	139	245623	42.057	ng	93
27) 2,4-Dimethylphenol	7.65	122	391746	46.630	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	533104	41.256	ng	99
29) 2,4-Dichlorophenol	7.85	162	381739	41.930	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	395963	40.312	ng	98
31) Naphthalene	8.01	128	1246423	40.585	ng	99
32) Benzoic acid	7.74	122	33361	4.933	ng	99
33) 4-Chloroaniline	8.06	127	268989	22.461	ng	99
34) Hexachlorobutadiene	8.13	225	227021	38.887	ng	98
35) Caprolactam	8.43	113	66921	22.903	ng	98
36) 4-Chloro-3-methylphenol	8.56	107	386639	42.223	ng	100
37) 2-Methylnaphthalene	8.70	142	830454	43.337	ng	99
38) 1-Methylnaphthalene	8.80	142	784426	42.558	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	380170	38.972	ng	99

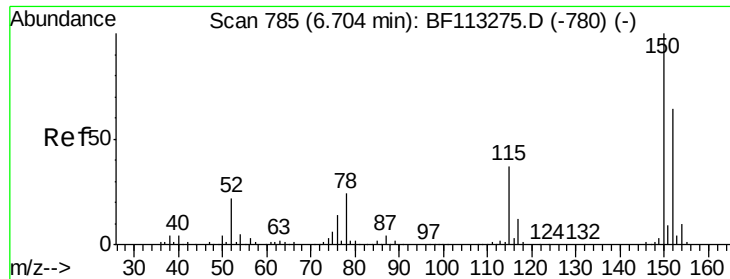
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113291.D
 Acq On : 26 Mar 2019 14:53
 Operator : JU/SJ
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Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	368073	89.143	ng	99
43) 2,4,6-Trichlorophenol	8.98	196	273371	43.035	ng	98
44) 2,4,5-Trichlorophenol	9.03	196	292497	41.607	ng	99
46) 1,1'-Biphenyl	9.16	154	1011879	39.868	ng	99
47) 2-Chloronaphthalene	9.19	162	773070	39.559	ng	99
48) 2-Nitroaniline	9.28	65	258325	42.123	ng	96
49) Acenaphthylene	9.60	152	1274170	40.325	ng	99
50) Dimethylphthalate	9.46	163	1071492	47.578	ng	99
51) 2,6-Dinitrotoluene	9.53	165	211953	41.718	ng	90
52) Acenaphthene	9.77	154	718054	40.353	ng	100
53) 3-Nitroaniline	9.69	138	183405	32.011	ng	96
54) 2,4-Dinitrophenol	9.80	184	78657	31.128	ng	91
55) Dibenzofuran	9.94	168	1093598	40.881	ng	99
56) 4-Nitrophenol	9.87	139	324879	79.534	ng	97
57) 2,4-Dinitrotoluene	9.93	165	270804	41.913	ng	96
58) Fluorene	10.29	166	830798	39.978	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	254508	42.811	ng	98
60) Diethylphthalate	10.16	149	909837	41.183	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	407826	40.266	ng	96
62) 4-Nitroaniline	10.30	138	241990	41.022	ng	98
63) Azobenzene	10.43	77	848899	40.819	ng	97
65) 4,6-Dinitro-2-methylphenol	10.34	198	116872	33.738	ng	85
66) n-Nitrosodiphenylamine	10.40	169	775108	39.890	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	275230	39.878	ng	94
68) Hexachlorobenzene	10.83	284	319912	39.933	ng	95
69) Atrazine	10.92	200	250918	40.912	ng	97
70) Pentachlorophenol	11.03	266	314588	75.372	ng	98
71) Phenanthrene	11.24	178	1241706	39.486	ng	100
72) Anthracene	11.29	178	1303618	40.813	ng	99
73) Carbazole	11.45	167	1232850	40.449	ng	100
74) Di-n-butylphthalate	11.78	149	1422655	40.251	ng	100
75) Fluoranthene	12.42	202	1366389	38.436	ng	100
77) Benzidine	12.54	184	418982	22.982	ng	97
78) Pyrene	12.64	202	1392729	42.217	ng	99
80) Butylbenzylphthalate	13.27	149	613611	42.204	ng	94
81) Benzo(a)anthracene	13.83	228	1060330	38.910	ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	312932	28.624	ng	100
83) Chrysene	13.87	228	1091156	39.421	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	744078	41.747	ng	99
85) Di-n-octyl phthalate	14.43	149	1311251	43.341	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1146651	48.269	ng	99
88) Benzo(b)fluoranthene	14.84	252	1029795	36.559	ng	99
89) Benzo(k)fluoranthene	14.87	252	1017744	41.143	ng	100
90) Benzo(a)pyrene	15.19	252	994443	39.822	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	952073	44.093	ng	99
92) Benzo(g,h,i)perylene	17.00	276	947563	43.523	ng	98

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

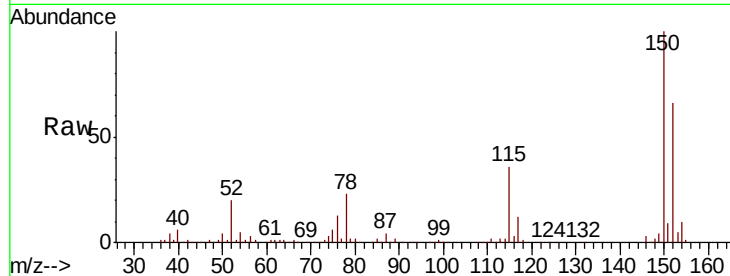


#1

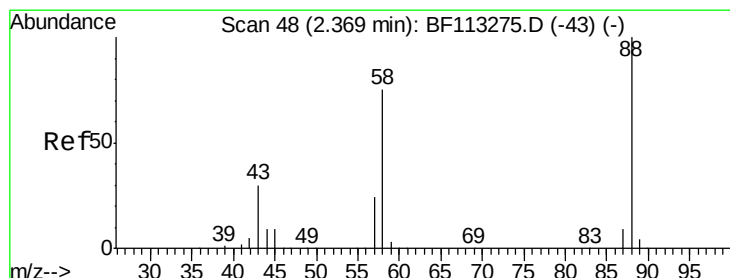
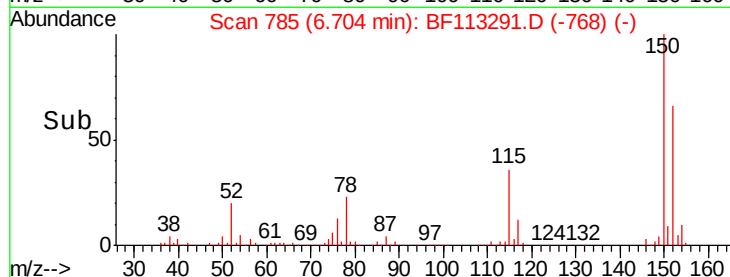
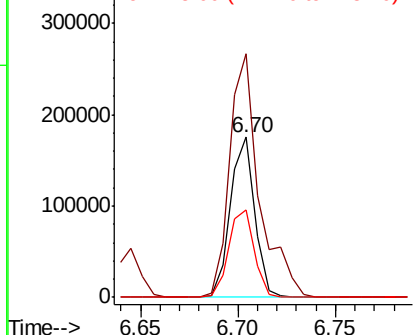
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion:152 Resp: 151956
Ion Ratio Lower Upper
152 100
150 152.3 124.7 187.1
115 54.8 46.0 69.0



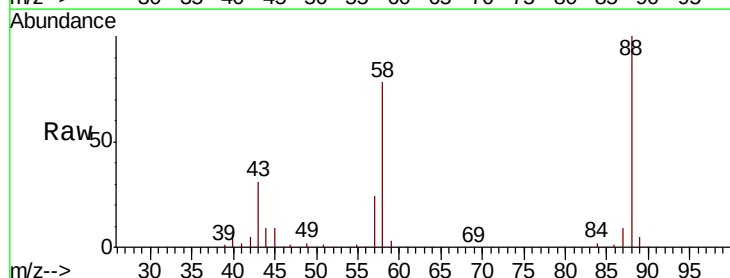
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



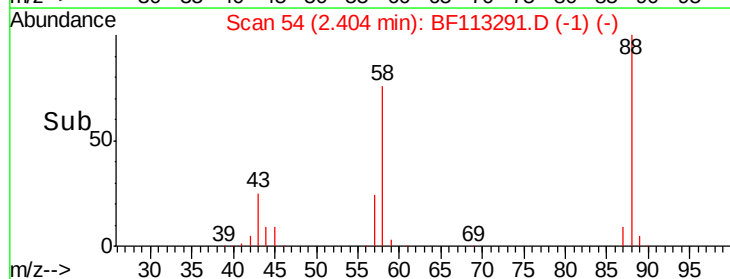
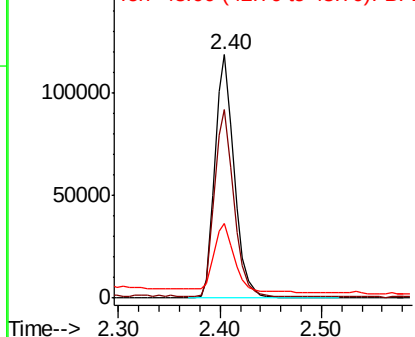
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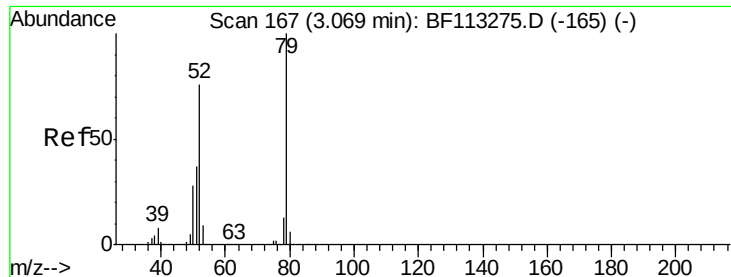
1,4-Dioxane
Concen: 33.432 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.04 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion: 88 Resp: 157634
Ion Ratio Lower Upper
88 100
58 77.2 61.9 92.9
43 29.2 24.2 36.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

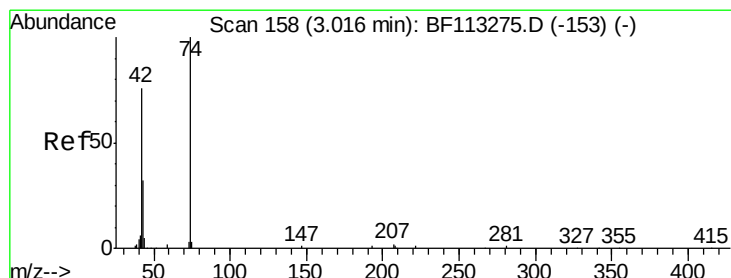
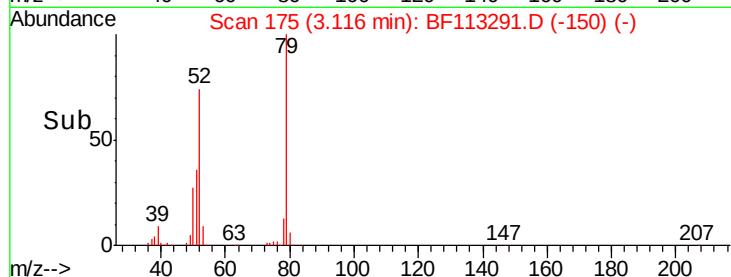
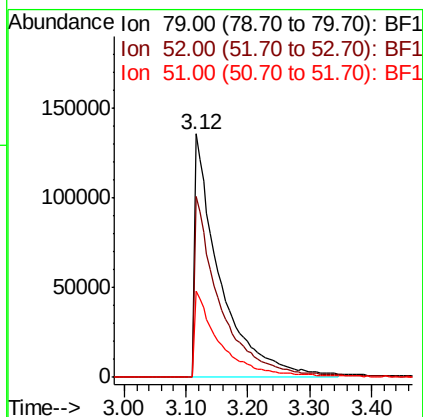
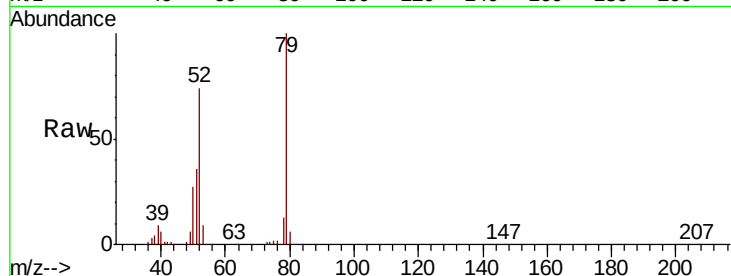




#3
 Pyridine
 Concen: 33.033 ng
 RT: 3.12 min Scan# 175
 Delta R.T. 0.05 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

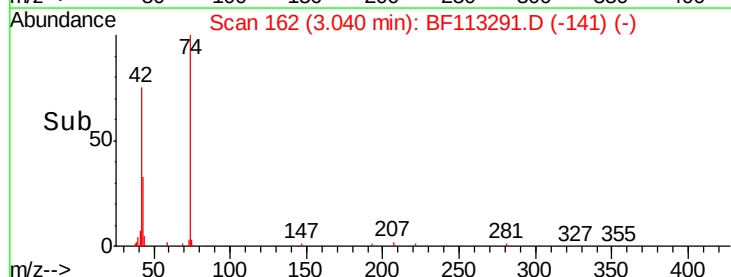
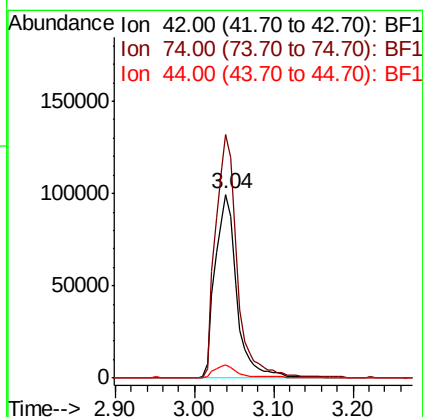
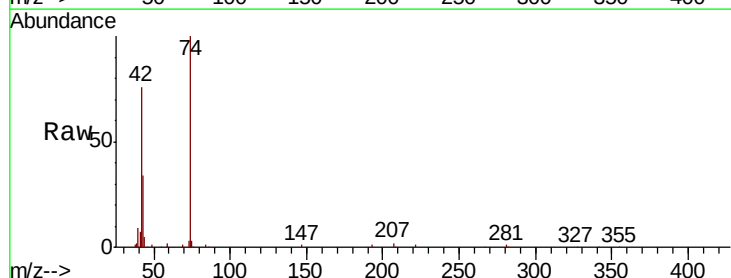
Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

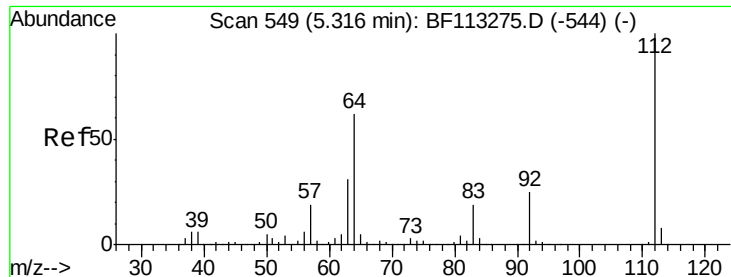
Tgt Ion: 79 Resp: 383970
 Ion Ratio Lower Upper
 79 100
 52 74.4 61.0 91.4
 51 35.6 30.6 45.8



#4
 n-Nitrosodimethylamine
 Concen: 36.490 ng
 RT: 3.04 min Scan# 162
 Delta R.T. 0.02 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Tgt Ion: 42 Resp: 188561
 Ion Ratio Lower Upper
 42 100
 74 132.3 102.4 153.6
 44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 124.486 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

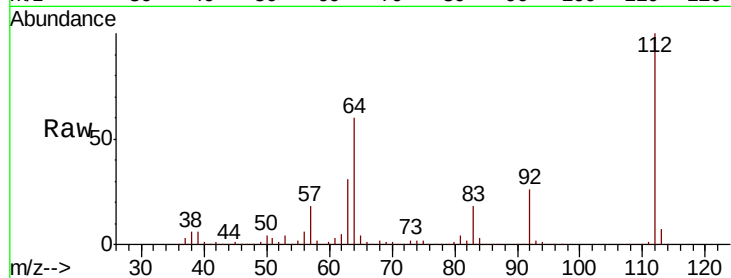
Tgt Ion: 112 Resp: 1156883

Ion Ratio Lower Upper

112 100

64 59.5 49.2 73.8

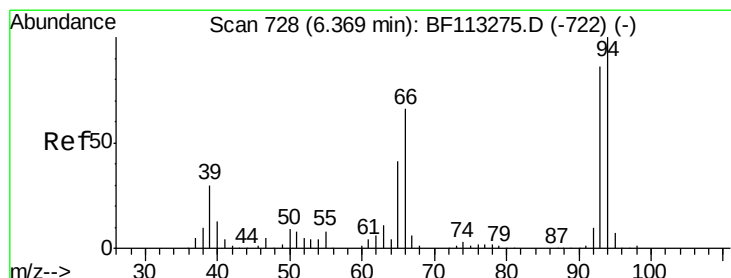
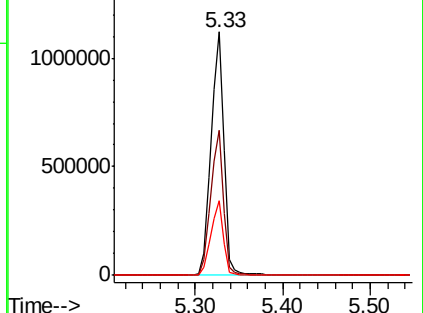
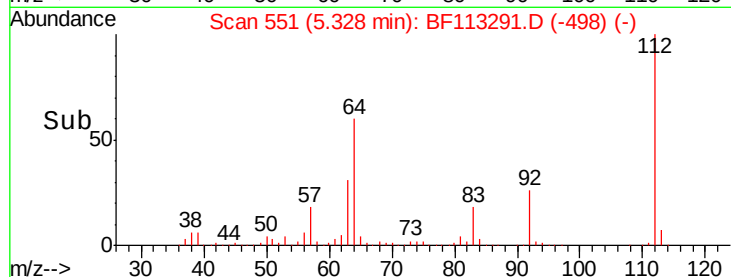
63 30.5 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.631 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

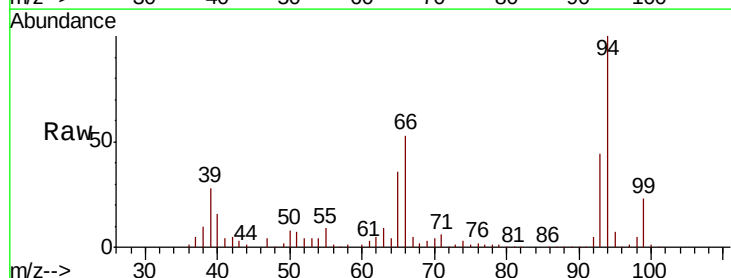
Tgt Ion: 93 Resp: 338321

Ion Ratio Lower Upper

93 100

66 119.8 62.1 93.1#

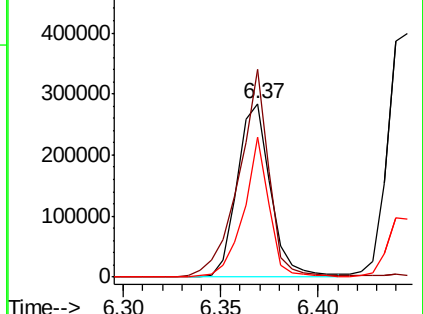
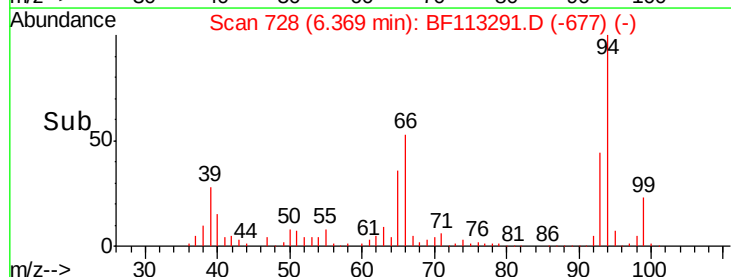
65 80.7 38.7 58.1#

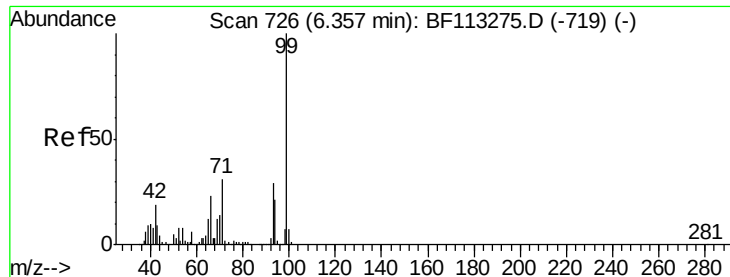


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.944 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

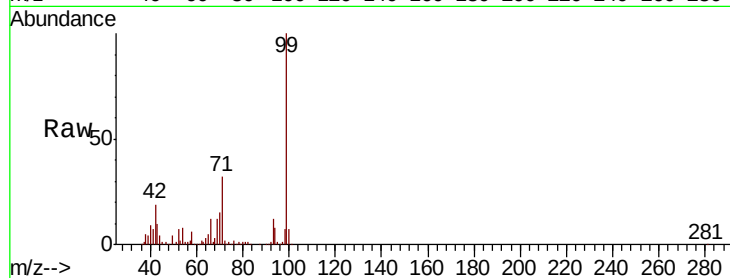
Tgt Ion: 99 Resp: 1410120

Ion Ratio Lower Upper

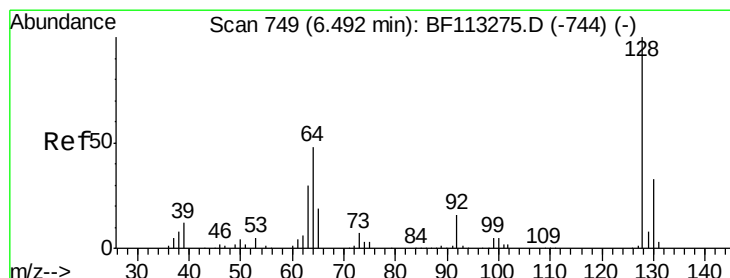
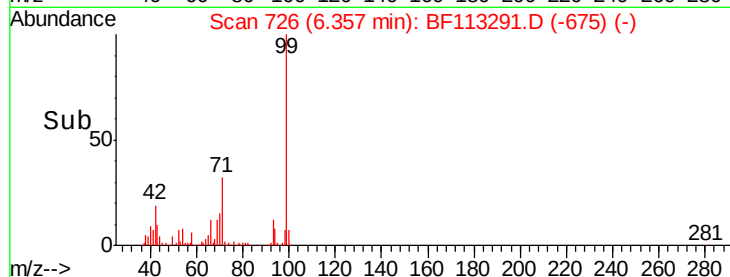
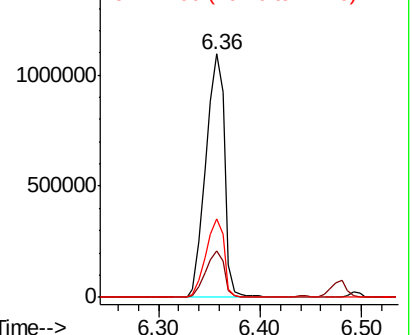
99 100

42 19.3 14.8 22.2

71 32.3 24.9 37.3



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: 36.630 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

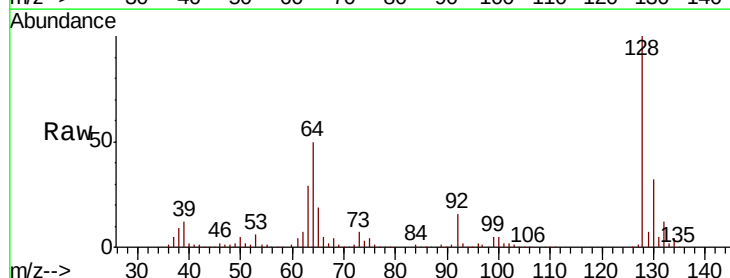
Tgt Ion: 128 Resp: 395311

Ion Ratio Lower Upper

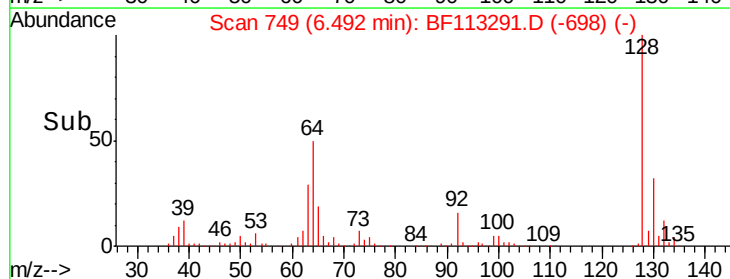
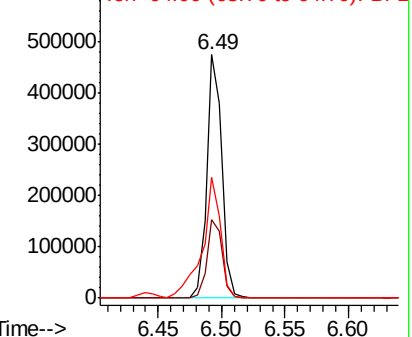
128 100

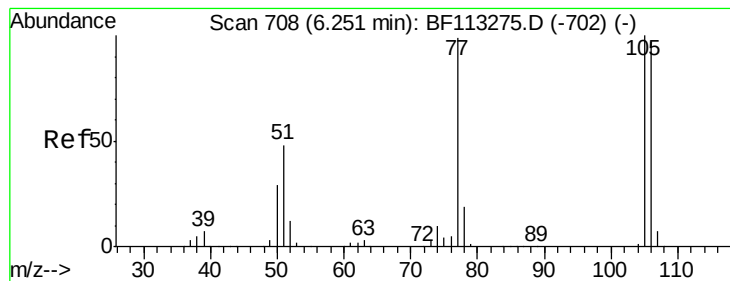
130 32.3 12.6 52.6

64 49.6 29.4 69.4



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: 11.808 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

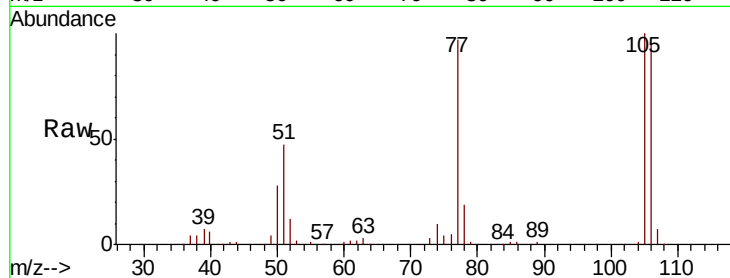
Tgt Ion: 77 Resp: 93157

Ion Ratio Lower Upper

77 100

105 102.8 80.9 120.9

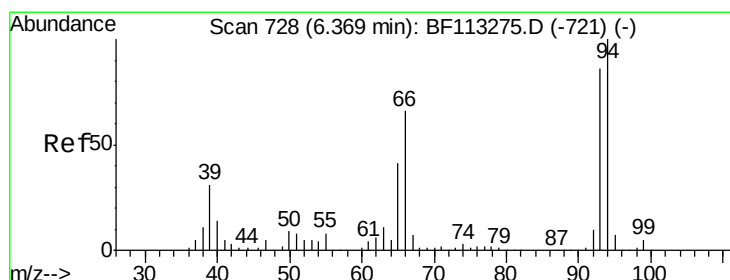
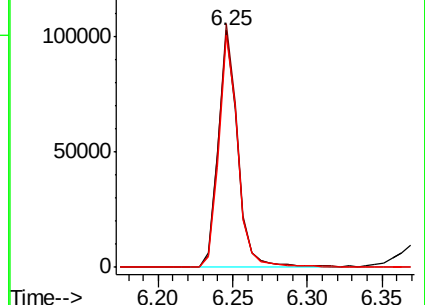
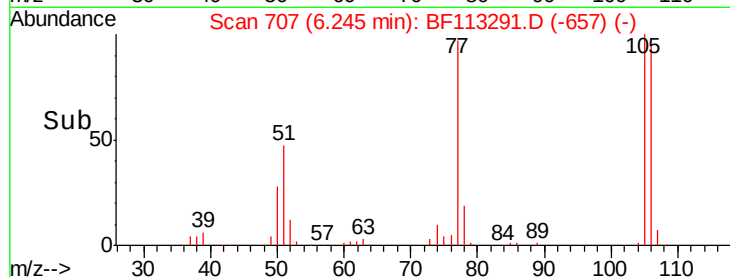
106 98.1 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.999 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

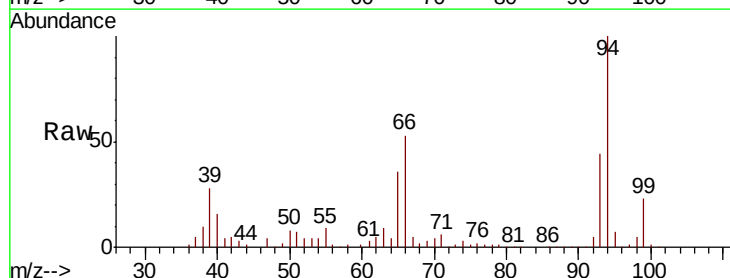
Tgt Ion: 94 Resp: 510006

Ion Ratio Lower Upper

94 100

65 35.8 21.4 61.4

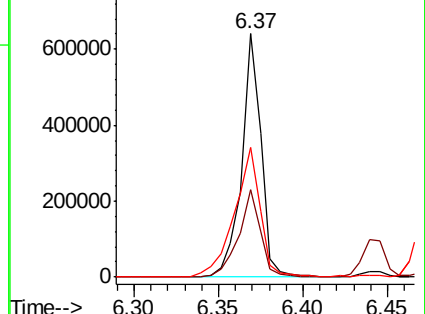
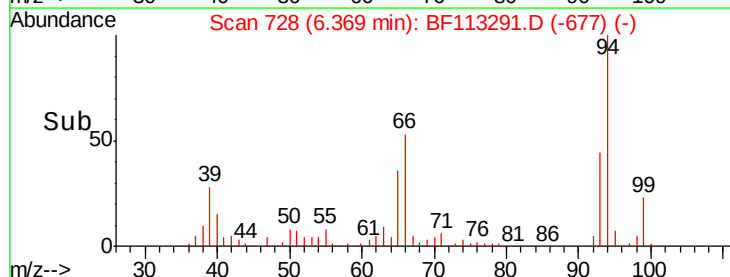
66 53.2 46.4 86.4

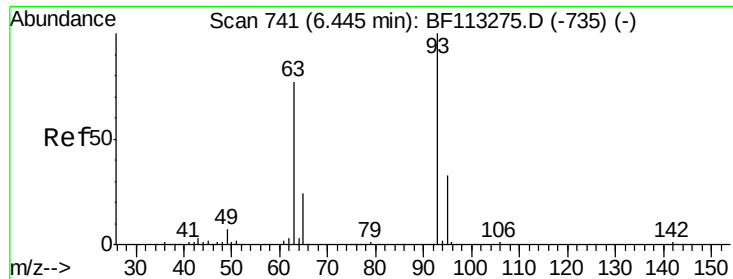


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

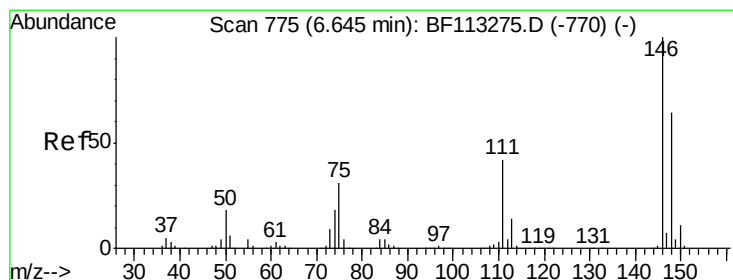
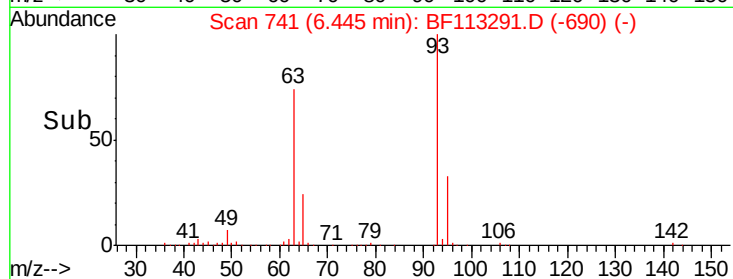
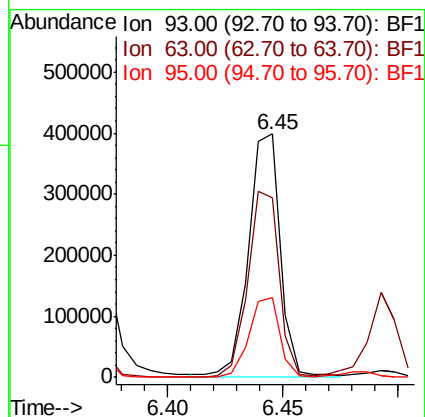
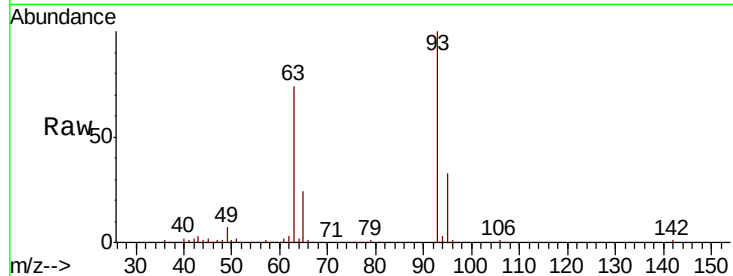




#11
 bis(2-Chloroethyl)ether
 Concen: 37.642 ng
 RT: 6.45 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

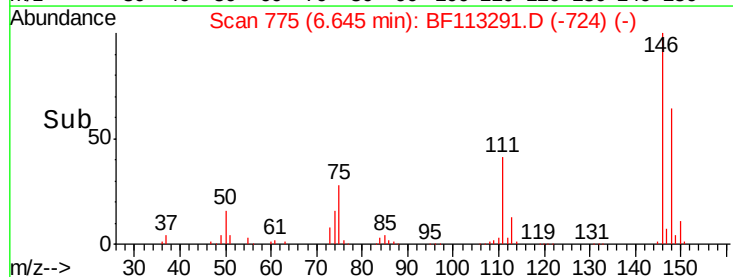
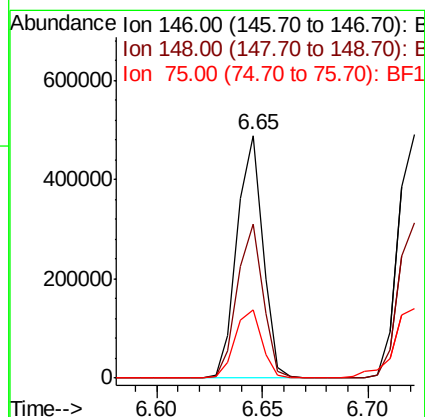
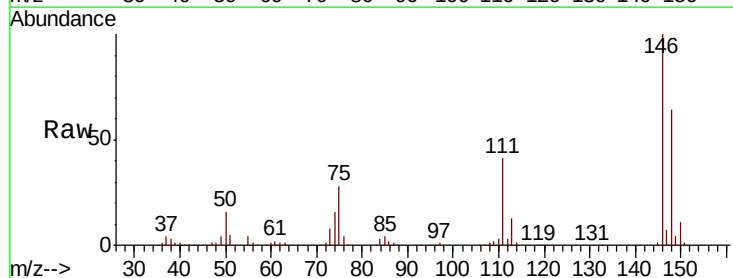
Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

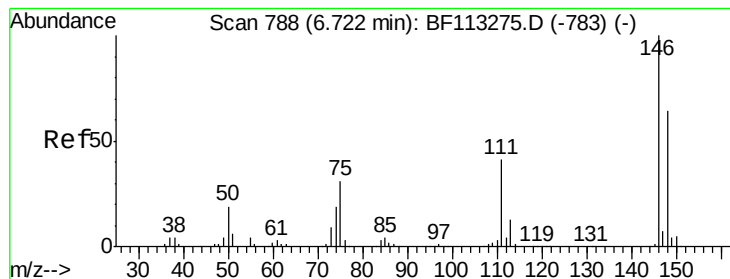
Tgt Ion: 93 Resp: 387268
 Ion Ratio Lower Upper
 93 100
 63 73.9 56.1 96.1
 95 33.0 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 35.696 ng
 RT: 6.65 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Tgt Ion: 146 Resp: 415245
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.4 77.0
 75 28.1 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 37.438 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

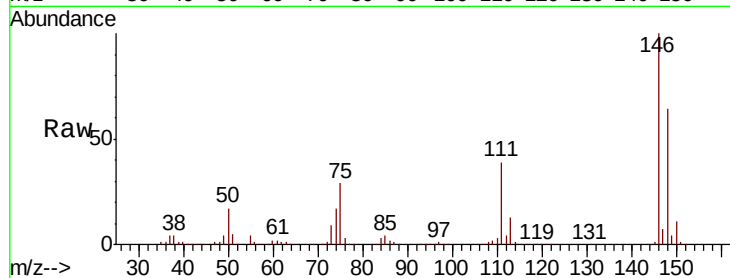
Tgt Ion:146 Resp: 420506

Ion Ratio Lower Upper

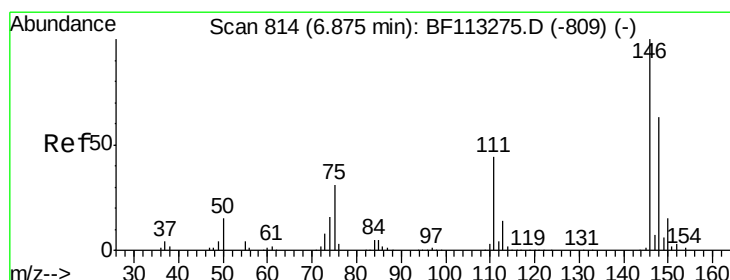
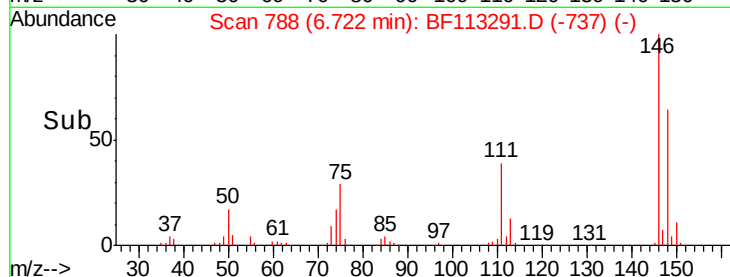
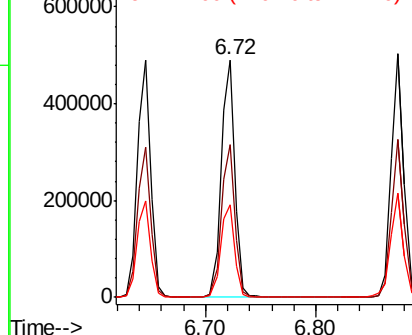
146 100

148 64.1 51.1 76.7

111 38.8 32.8 49.2



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



#14

1,2-Dichlorobenzene

Concen: 35.419 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

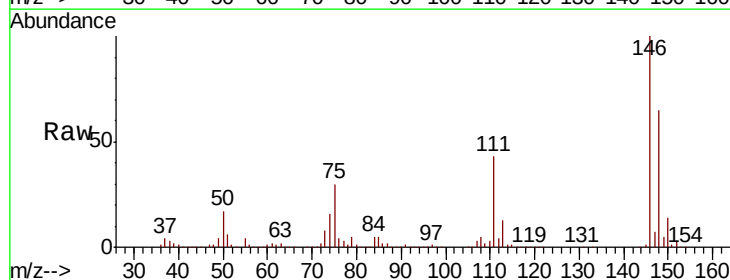
Tgt Ion:146 Resp: 391385

Ion Ratio Lower Upper

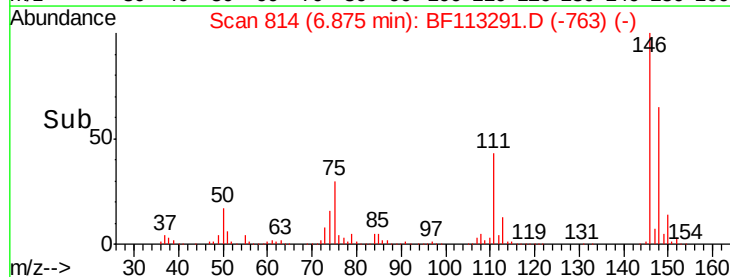
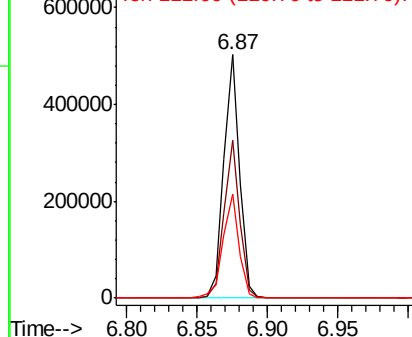
146 100

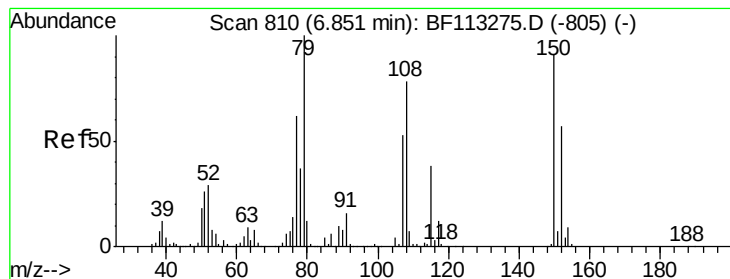
148 64.7 50.2 75.4

111 42.9 35.4 53.2



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: 41.943 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

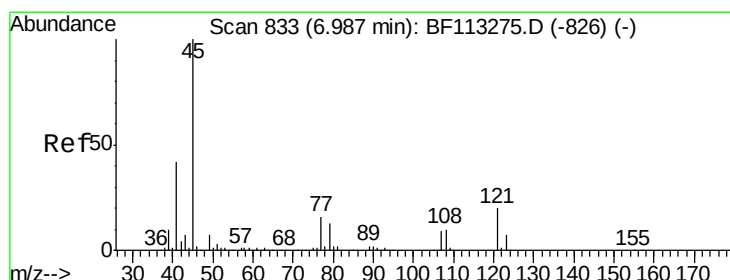
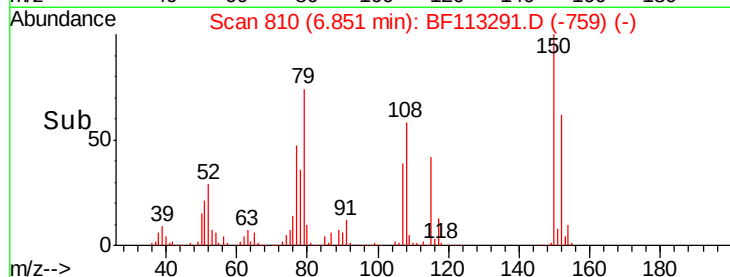
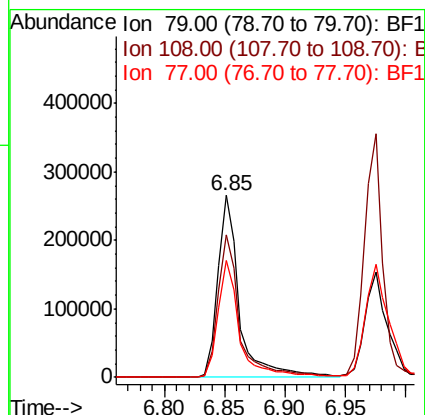
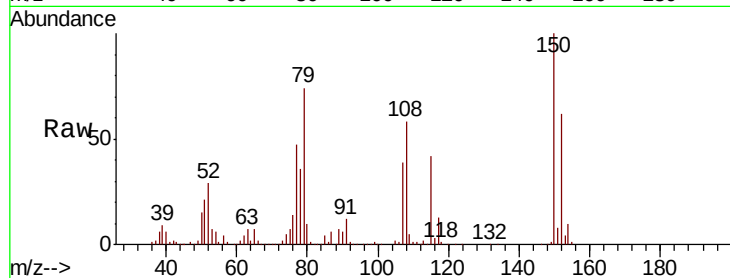
Tgt Ion: 79 Resp: 325309

Ion Ratio Lower Upper

79 100

108 78.3 62.0 93.0

77 64.0 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.880 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

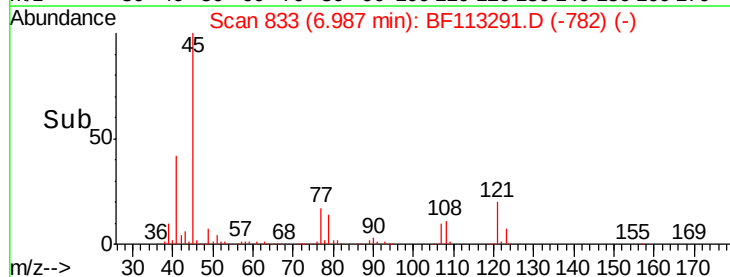
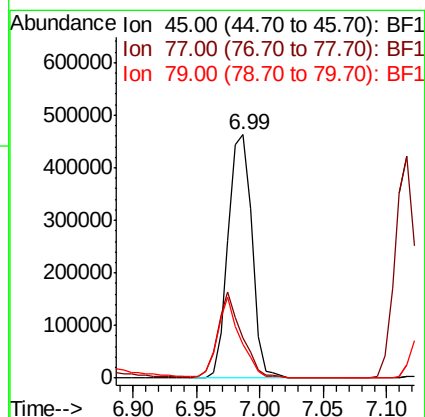
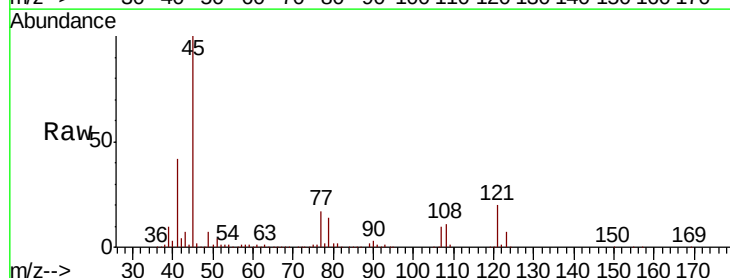
Tgt Ion: 45 Resp: 600911

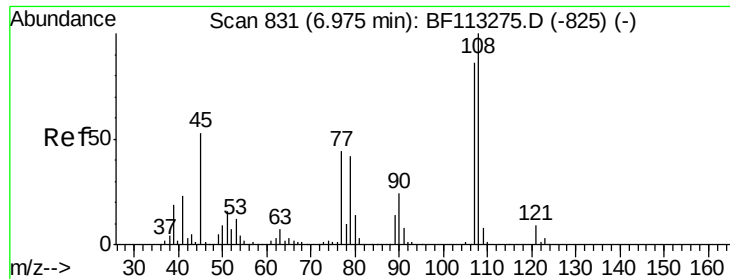
Ion Ratio Lower Upper

45 100

77 16.5 0.0 36.6

79 13.6 0.0 34.0

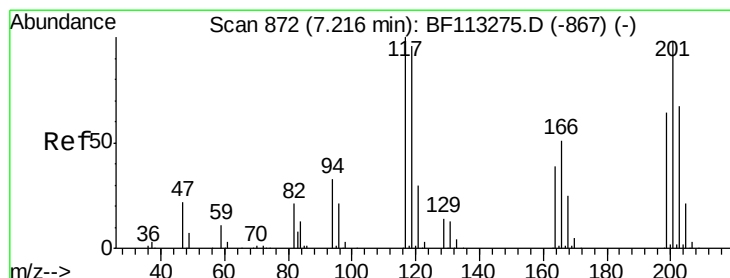
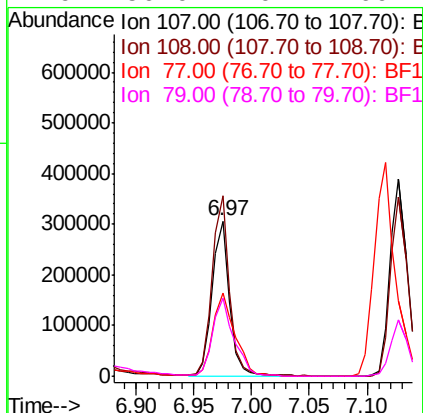
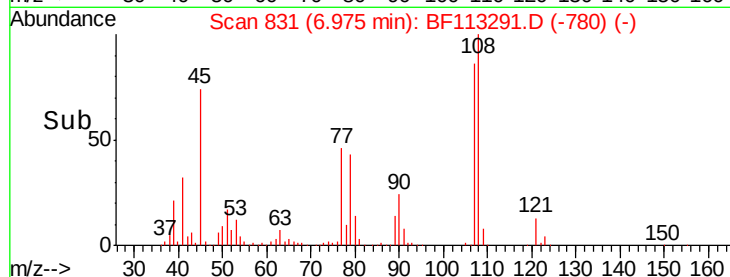
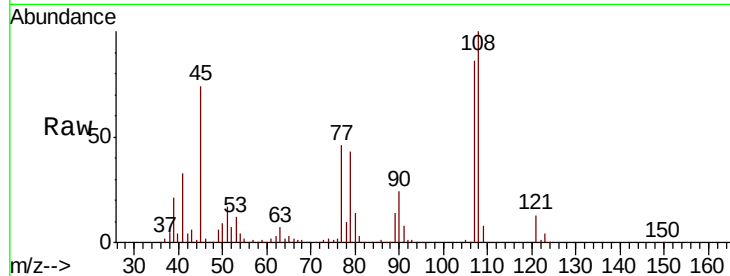




#17
2-Methylphenol
Concen: 38.134 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

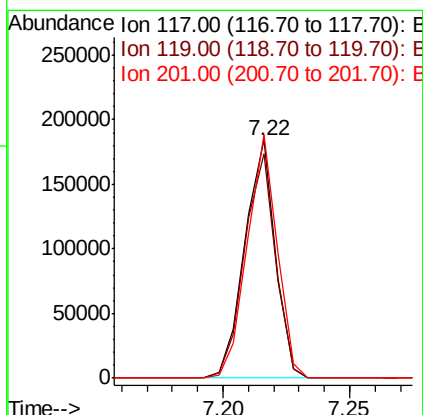
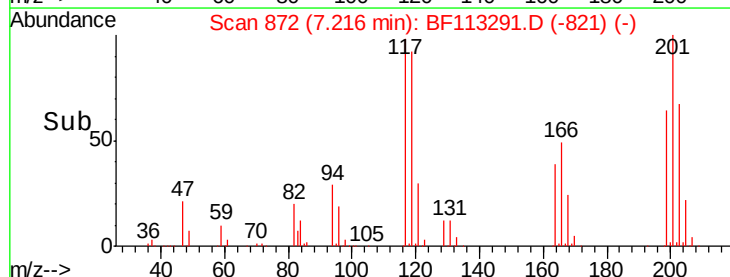
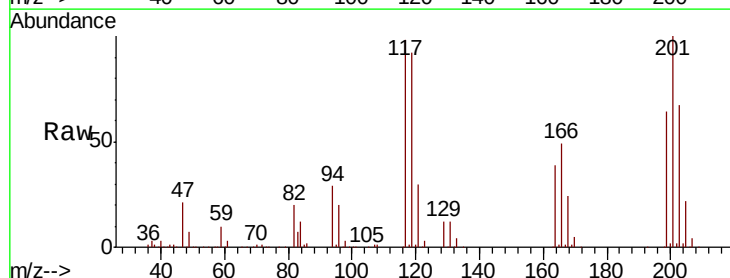
Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

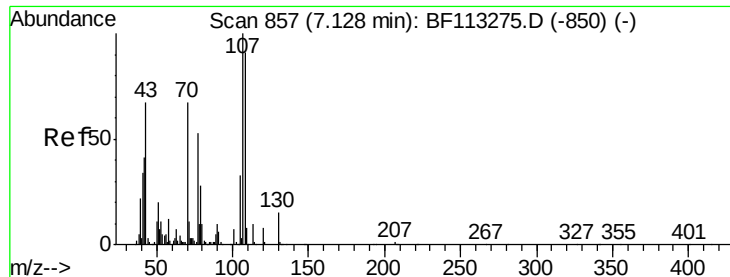
Tgt Ion:107 Resp: 322516
Ion Ratio Lower Upper
107 100
108 115.8 93.4 140.0
77 53.7 41.2 61.8
79 50.0 40.1 60.1



#18
Hexachloroethane
Concen: 38.317 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion:117 Resp: 154579
Ion Ratio Lower Upper
117 100
119 94.0 76.9 115.3
201 102.2 78.7 118.1

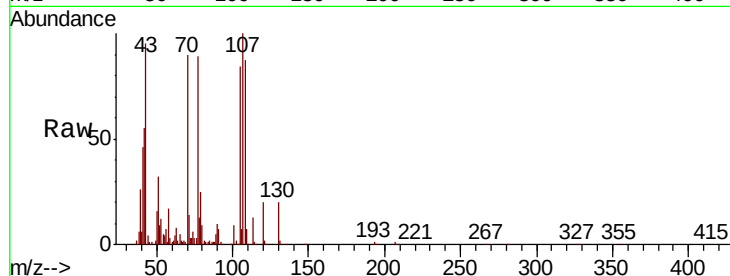




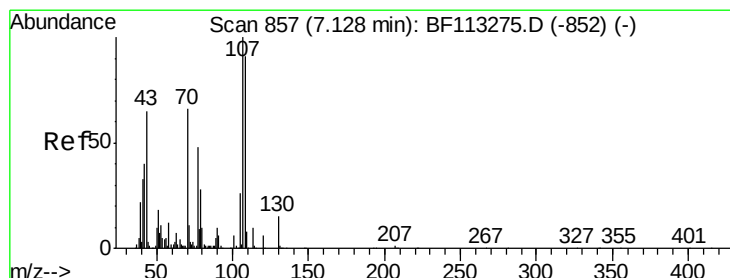
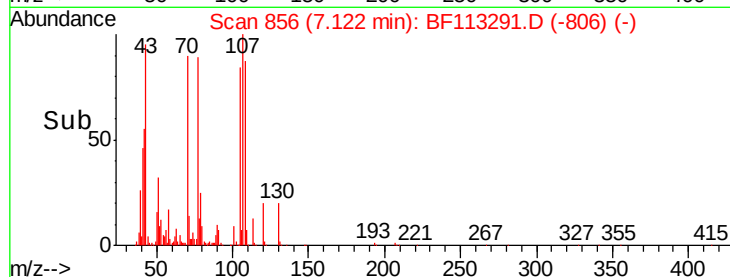
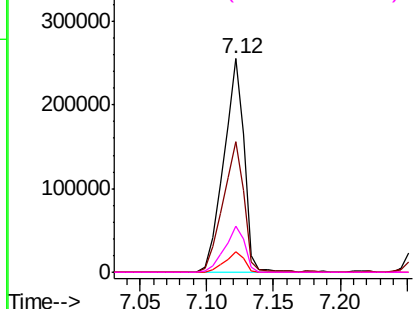
#19
n-Nitroso-di-n-propylamine
Concen: 37.467 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion:	70	Resp:	276683
Ion	Ratio	Lower	Upper
70	100		
42	61.2	48.4	72.6
101	9.9	7.8	11.8
130	21.8	18.2	27.4

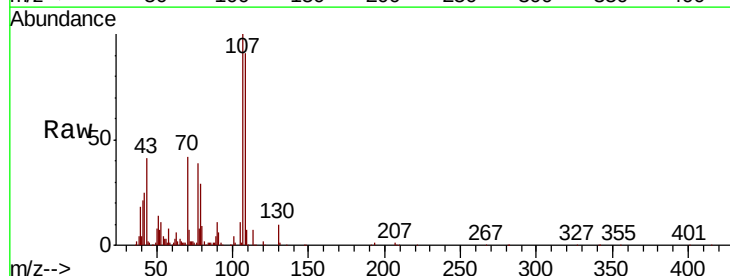


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

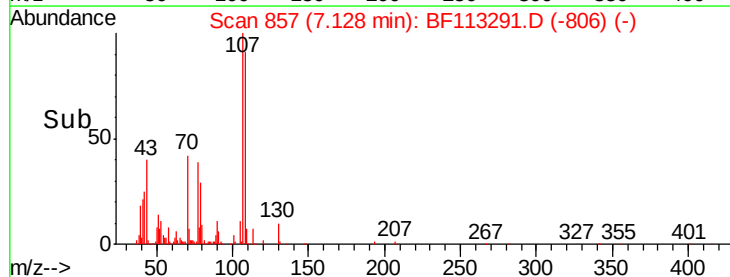
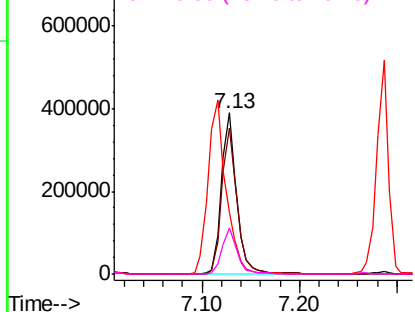


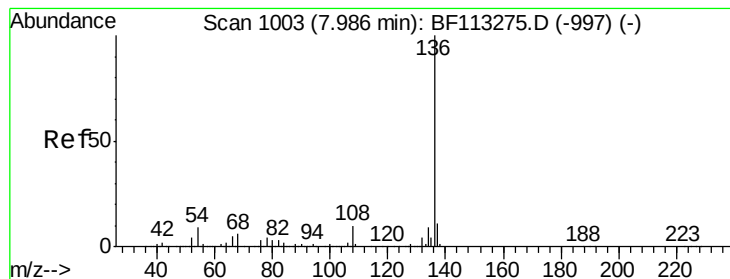
#20
3+4-Methylphenols
Concen: 42.676 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion:	107	Resp:	418329
Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.4	111.4
77	38.5	33.5	73.5
79	28.6	8.3	48.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

Tgt Ion:136 Resp: 628455

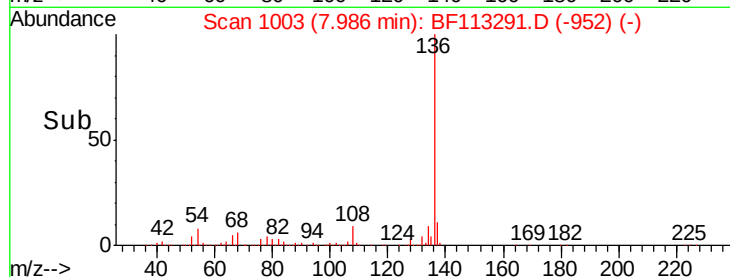
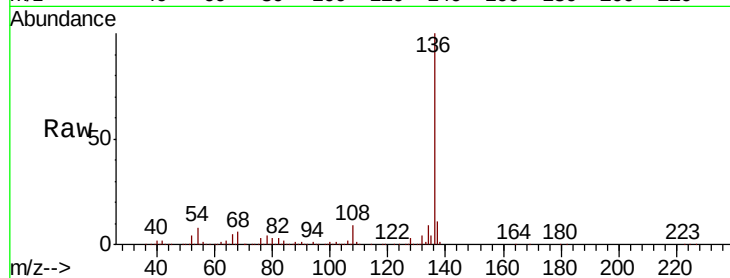
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.8 7.0 10.6

68 6.0 4.8 7.2



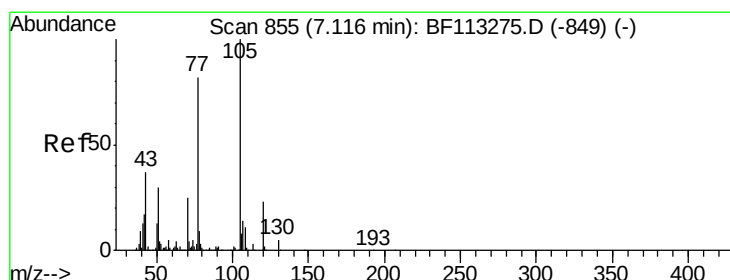
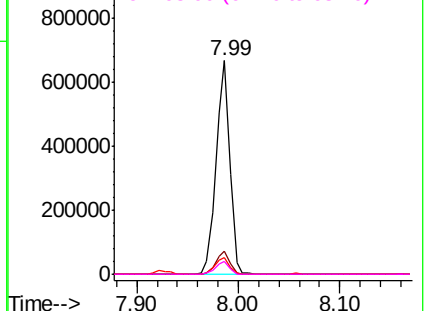
Abundance

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: 38.512 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Tgt Ion:105 Resp: 551961

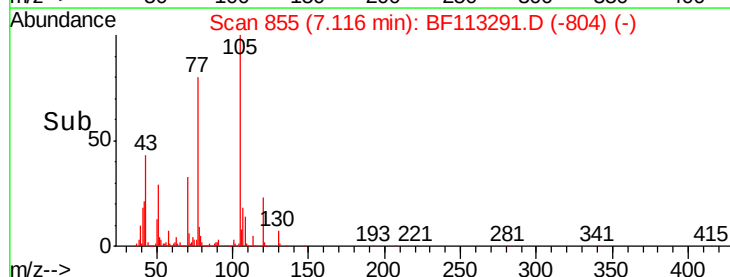
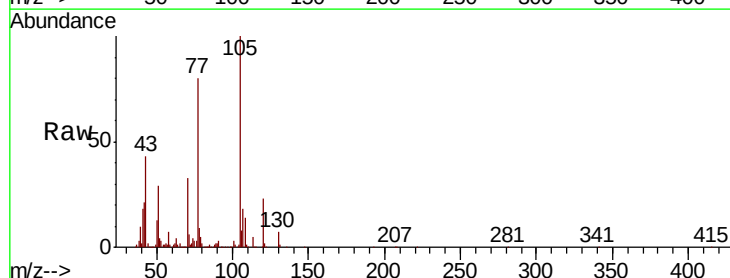
Ion Ratio Lower Upper

105 100

71 5.5 3.3 4.9#

51 29.0 24.2 36.2

120 22.8 18.1 27.1



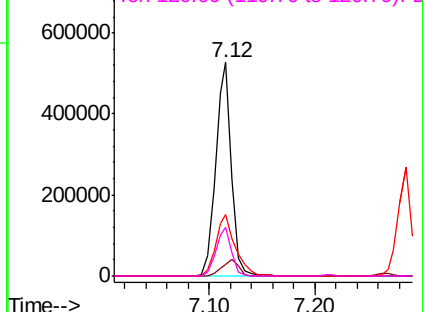
Abundance

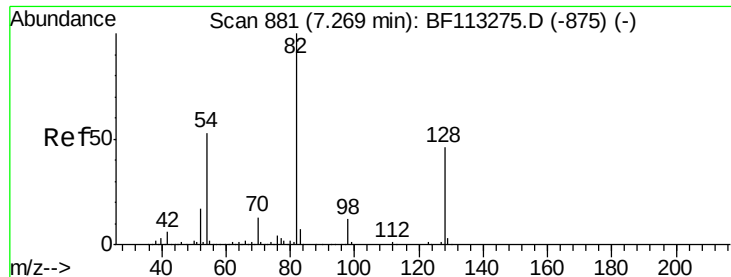
Ion 105.00 (104.70 to 105.70): E

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

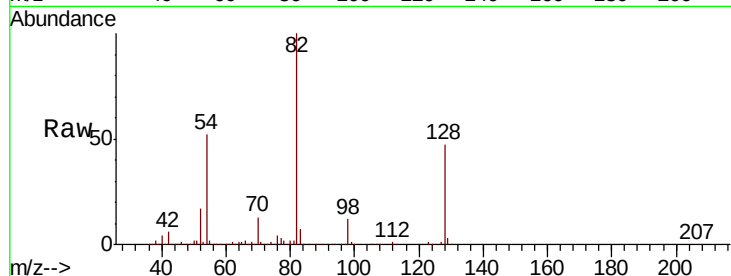




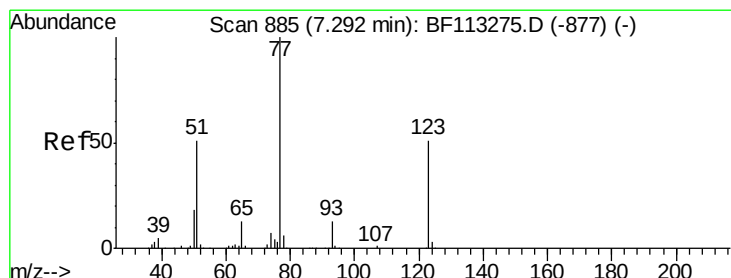
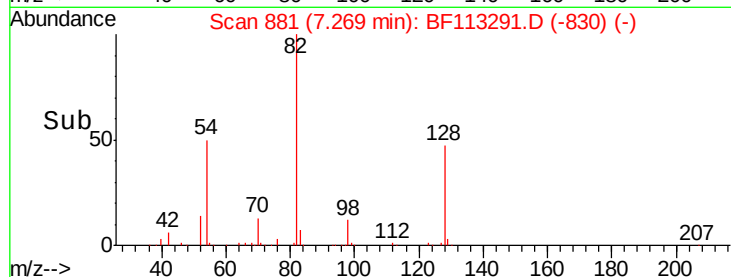
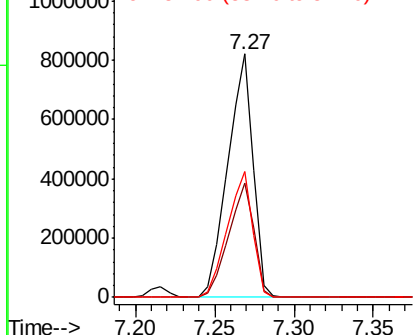
#23
 Nitrobenzene-d5
 Concen: 85.977 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.5	54.7
54	51.9	42.2	63.2

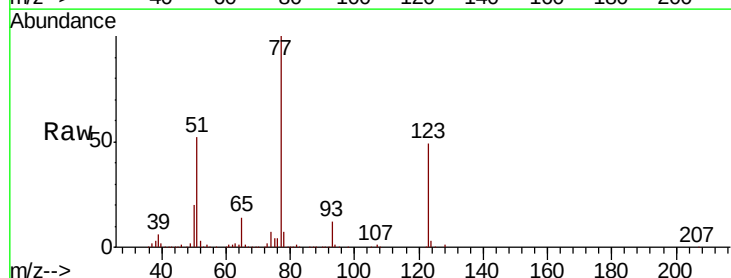


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

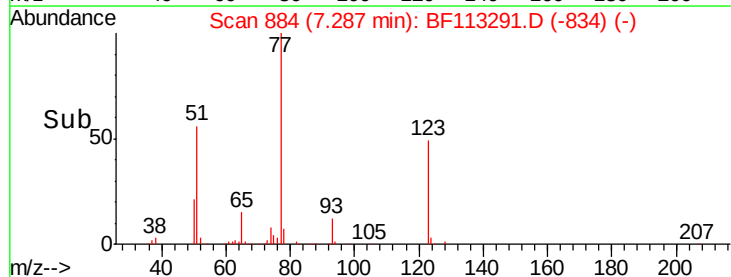
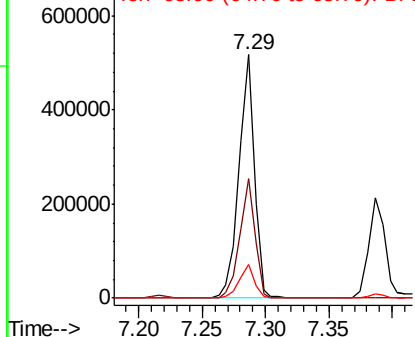


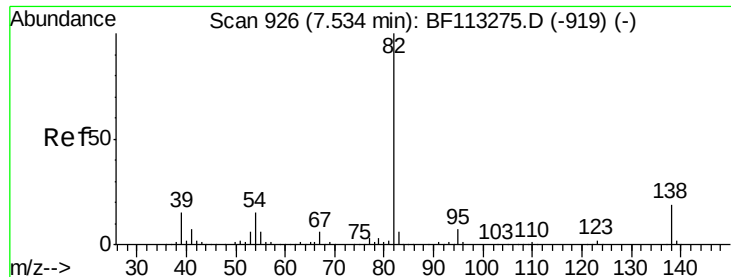
#24
 Nitrobenzene
 Concen: 39.070 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	40.8	61.2
65	13.6	10.6	16.0



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





#25

Isophorone

Concen: 40.194 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

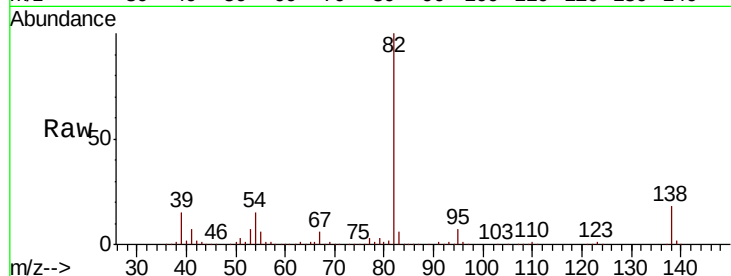
Tgt Ion: 82 Resp: 824765

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

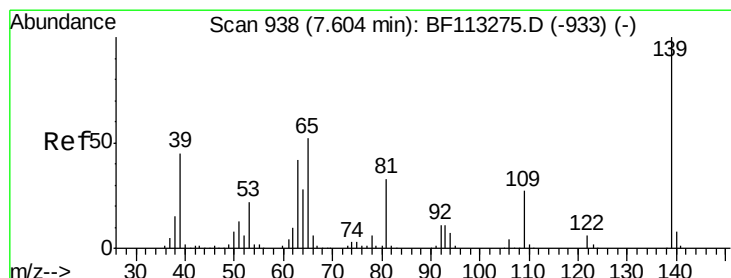
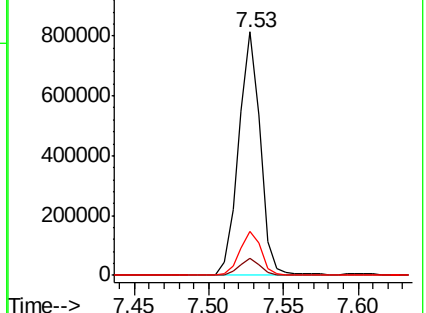
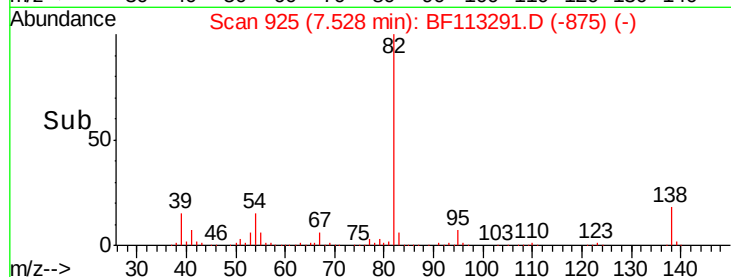
138 18.0 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.057 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

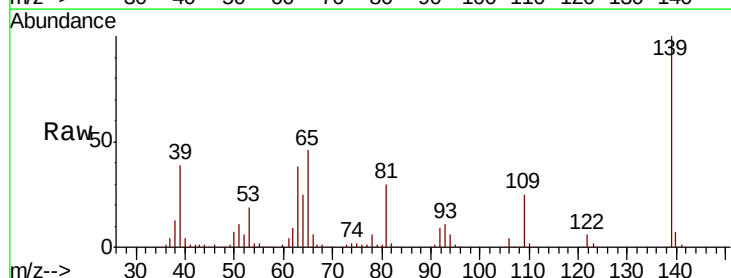
Tgt Ion: 139 Resp: 245623

Ion Ratio Lower Upper

139 100

109 24.8 21.7 32.5

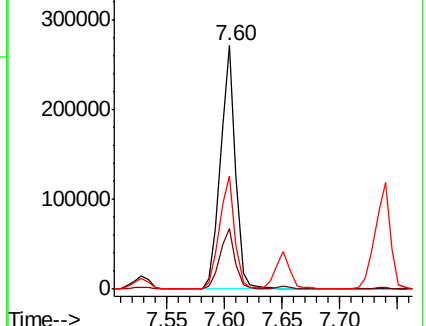
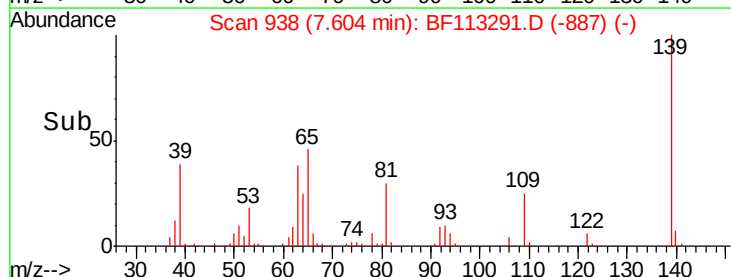
65 46.4 41.6 62.4

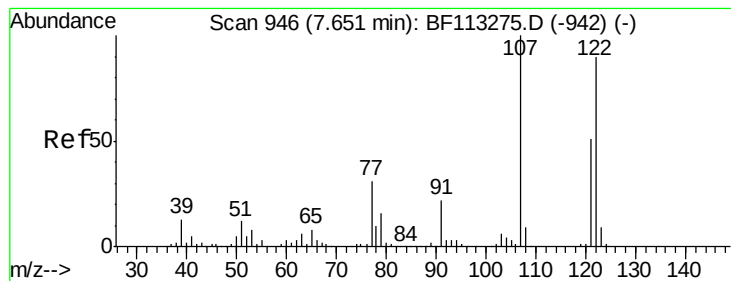


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

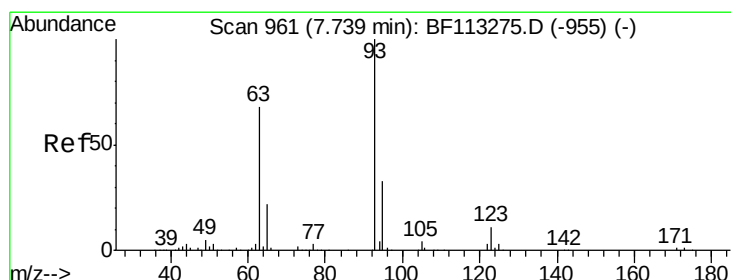
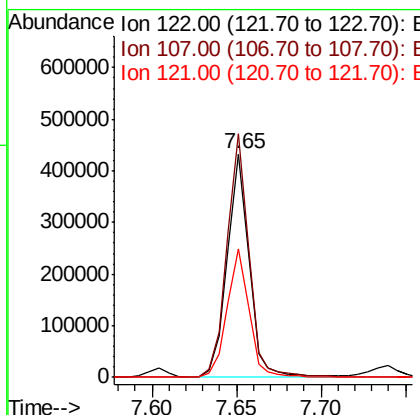
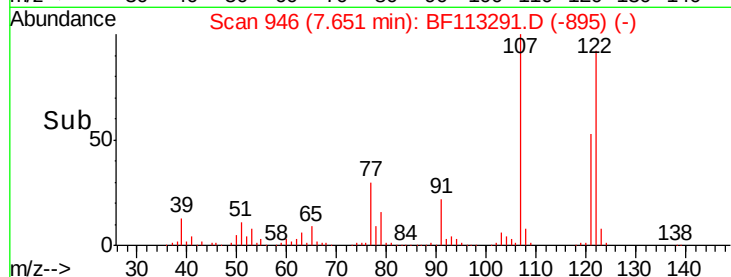
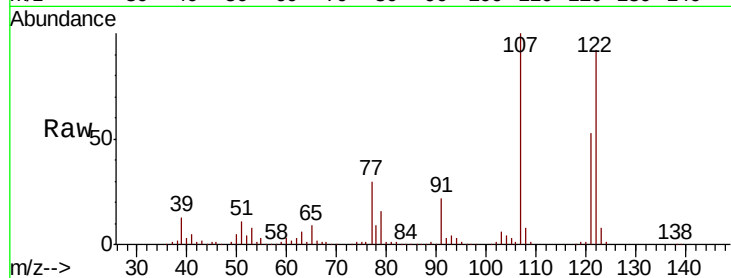




#27
 2,4-Dimethylphenol
 Concen: 46.630 ng
 RT: 7.65 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

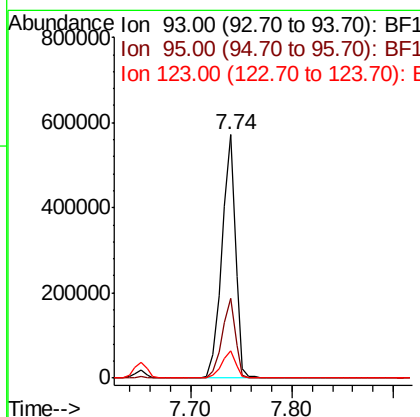
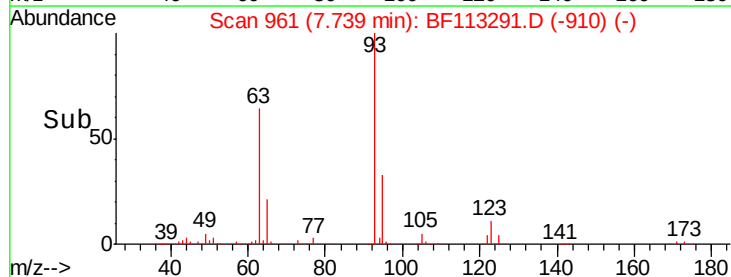
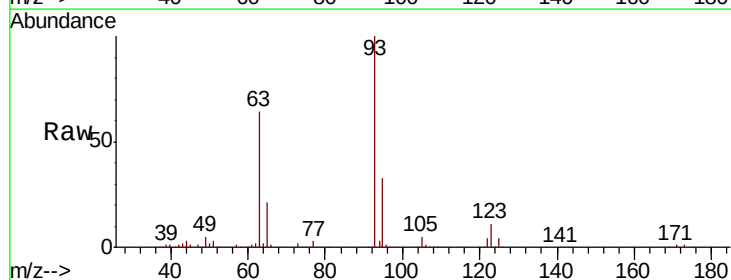
Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

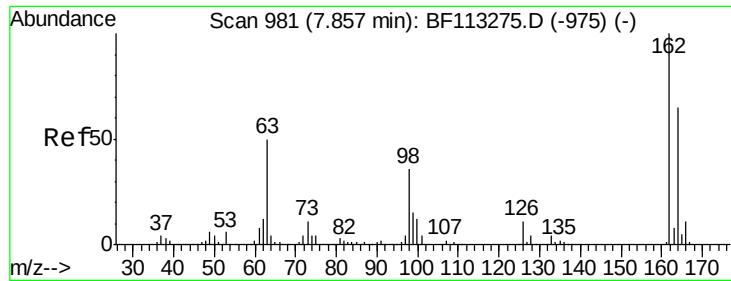
Tgt Ion:122 Resp: 391746
 Ion Ratio Lower Upper
 122 100
 107 109.0 88.8 133.2
 121 57.2 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.256 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Tgt Ion: 93 Resp: 533104
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.0 39.0
 123 11.4 9.1 13.7

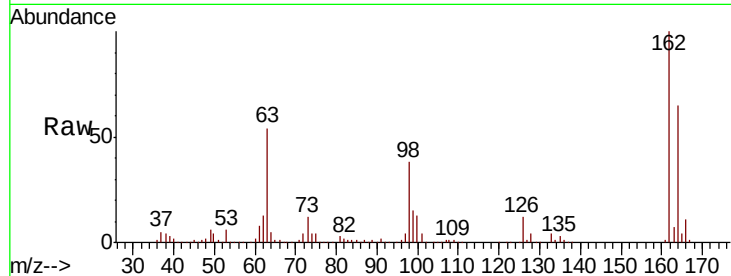




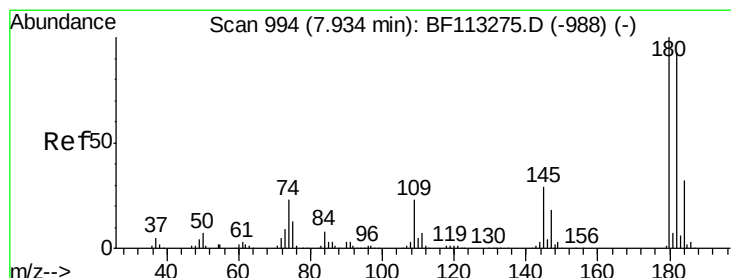
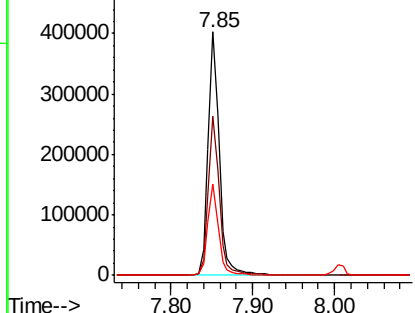
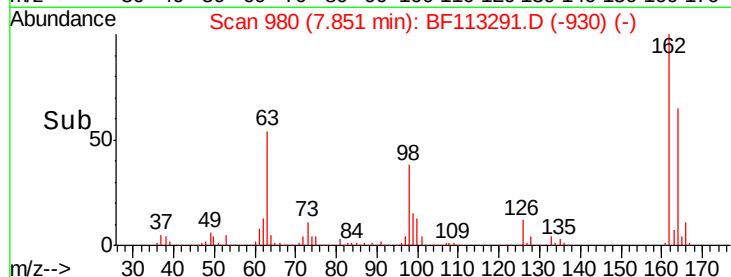
#29
 2,4-Dichlorophenol
 Concen: 41.930 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

Tgt Ion:162 Resp: 381739
 Ion Ratio Lower Upper
 162 100
 164 65.5 44.6 84.6
 98 37.6 15.6 55.6

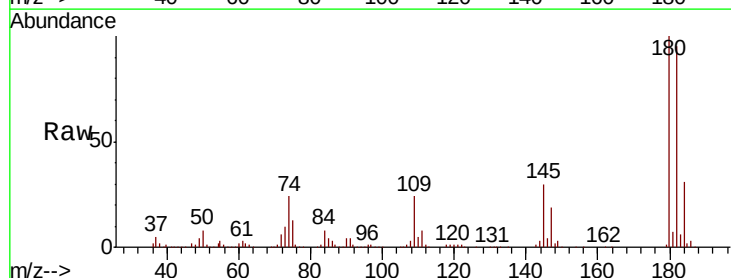


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

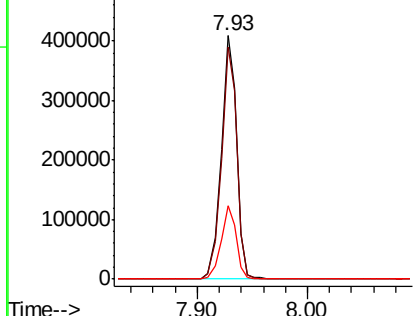
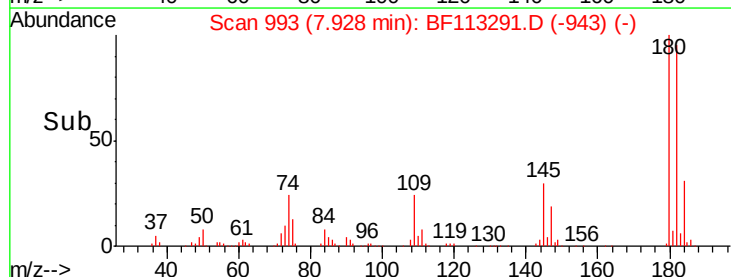


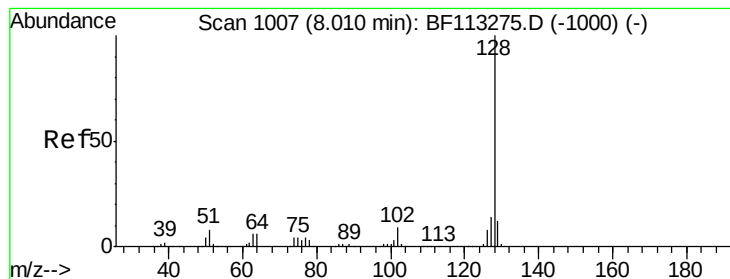
#30
 1,2,4-Trichlorobenzene
 Concen: 40.312 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Tgt Ion:180 Resp: 395963
 Ion Ratio Lower Upper
 180 100
 182 95.1 74.6 111.8
 145 30.0 23.4 35.0



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: 40.585 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

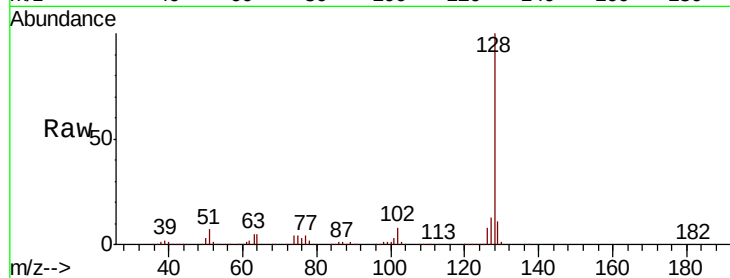
Tgt Ion:128 Resp: 1246423

Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

127 13.2 10.9 16.3

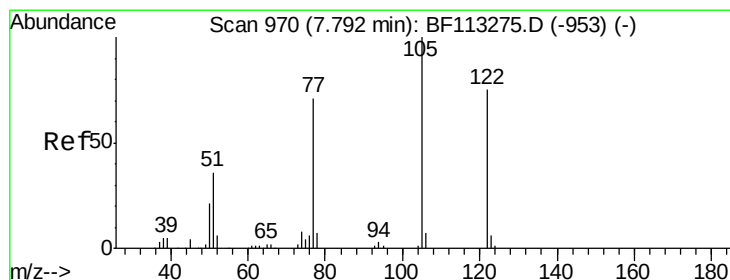
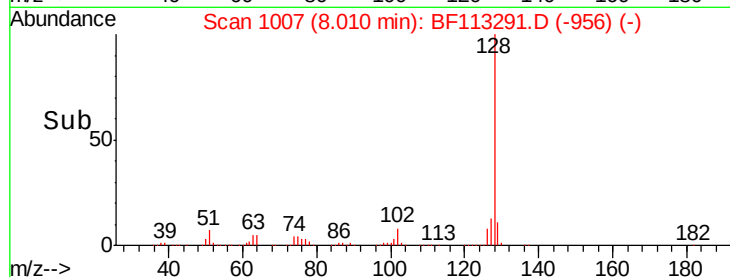
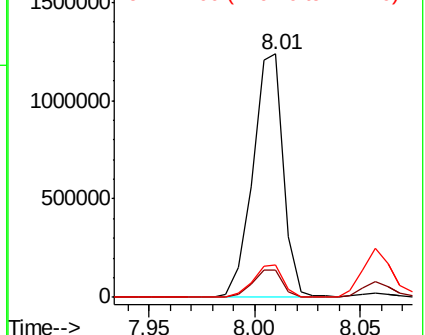


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 4.933 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.05 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

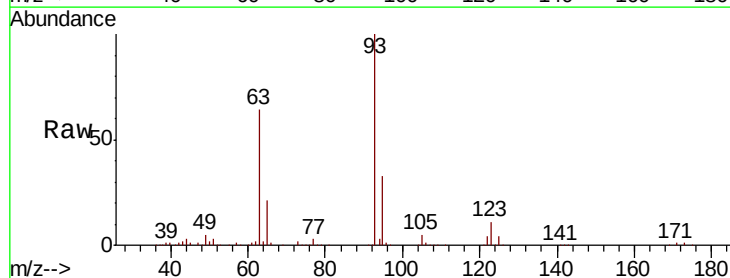
Tgt Ion:122 Resp: 33361

Ion Ratio Lower Upper

122 100

105 118.8 100.4 140.4

77 89.5 69.0 109.0

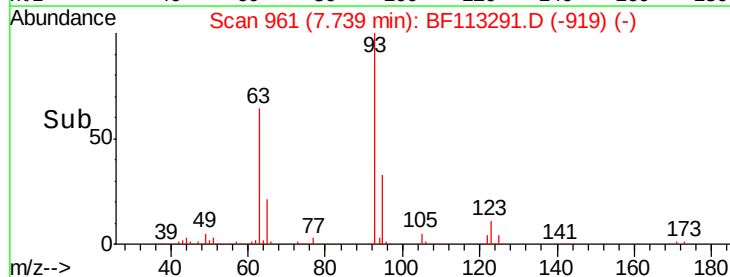
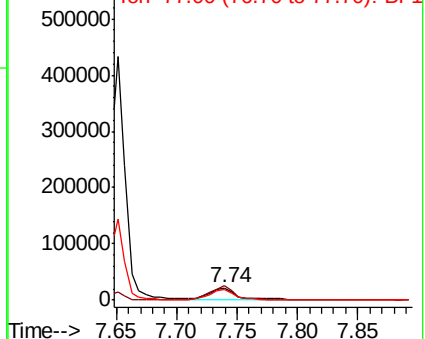


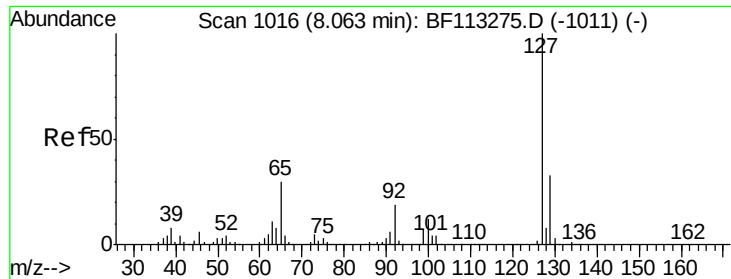
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

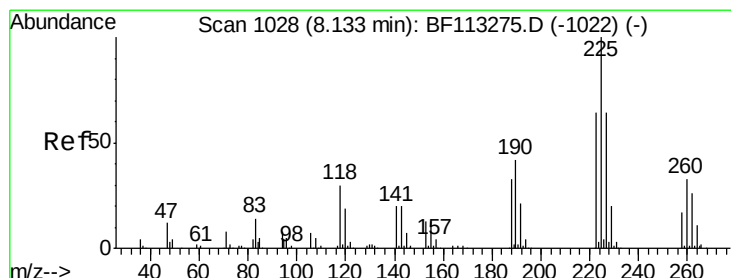
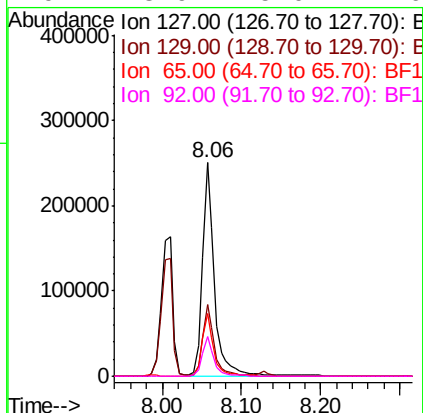
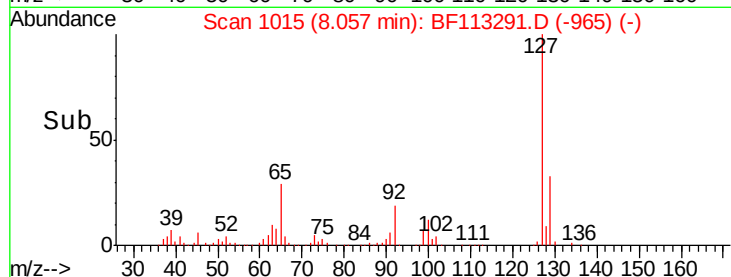
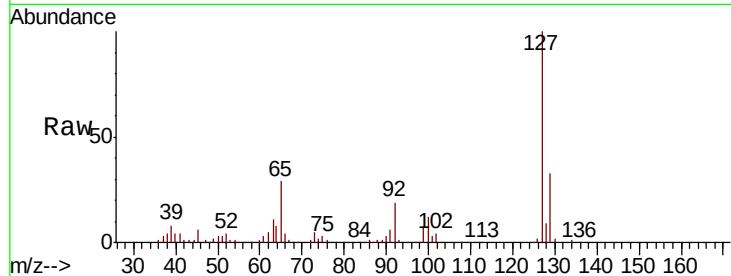




#33
4-Chloroaniline
Concen: 22.461 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

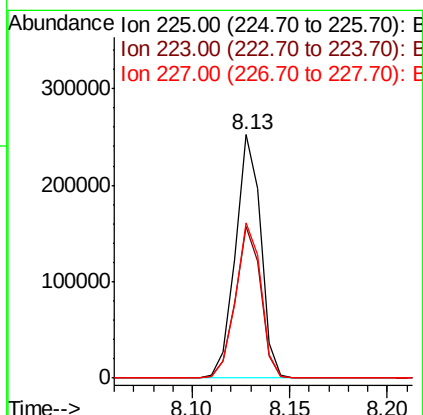
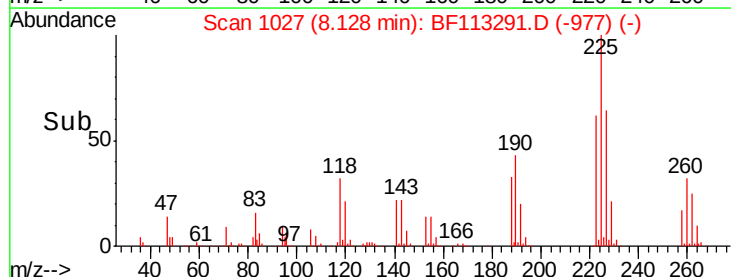
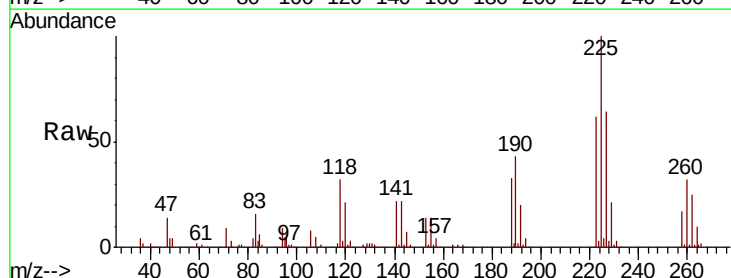
Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

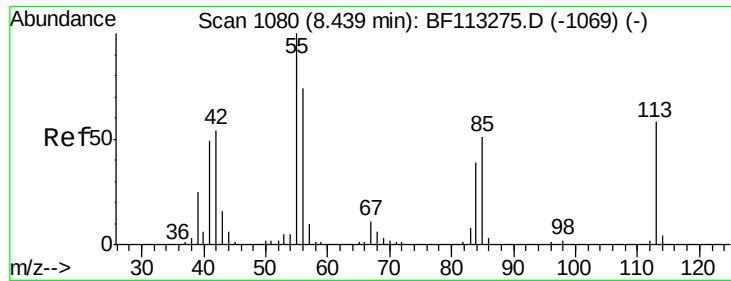
Tgt Ion:	127	Resp:	268989
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.3	39.5
65	29.1	24.2	36.4
92	18.9	15.0	22.6



#34
Hexachlorobutadiene
Concen: 38.887 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion:	225	Resp:	227021
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.4	77.2
227	63.6	51.1	76.7

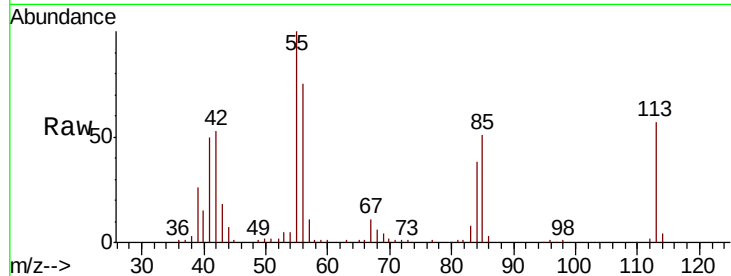




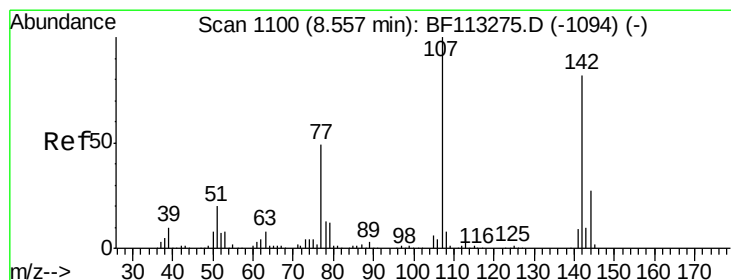
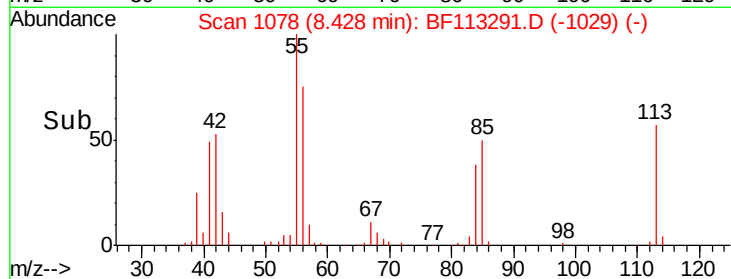
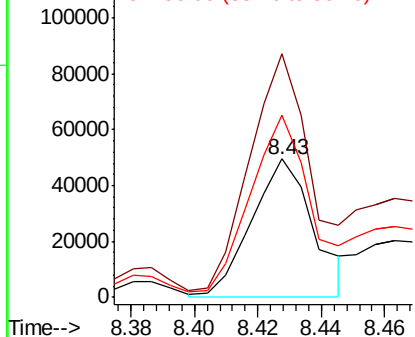
#35
 Caprolactam
 Concen: 22.903 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

Tgt Ion:113 Resp: 66921
 Ion Ratio Lower Upper
 113 100
 55 176.0 152.7 192.7
 56 131.4 108.3 148.3

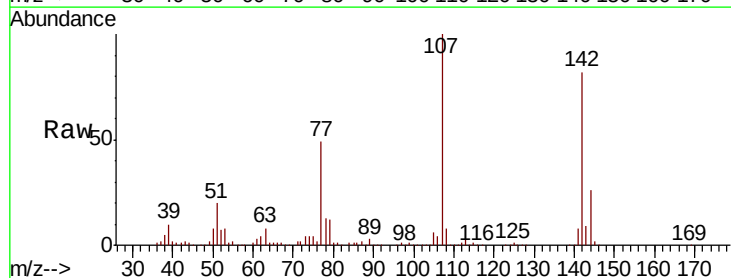


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

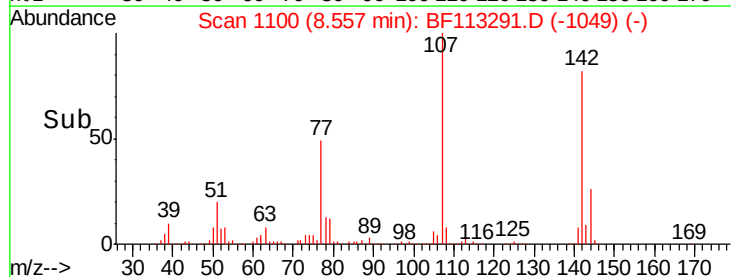
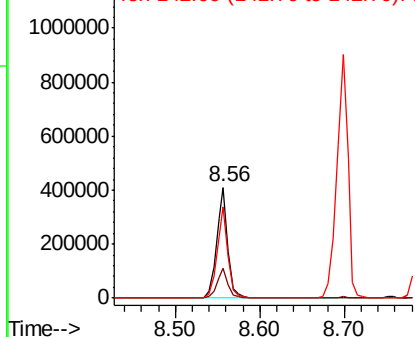


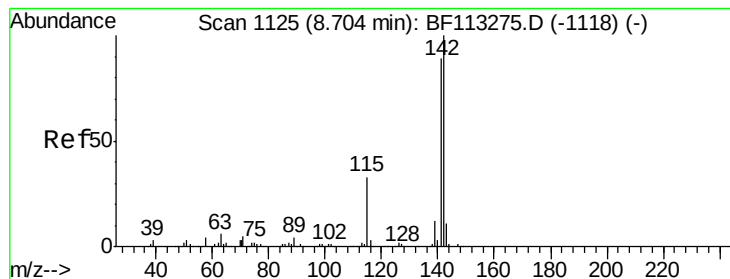
#36
 4-Chloro-3-methylphenol
 Concen: 42.223 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Tgt Ion:107 Resp: 386639
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.4 32.0
 142 82.2 65.6 98.4



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: 43.337 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

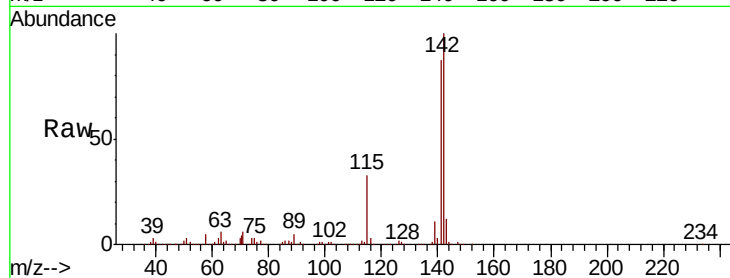
Tgt Ion:142 Resp: 830454

Ion Ratio Lower Upper

142 100

141 87.4 71.0 106.6

115 33.2 26.6 39.8

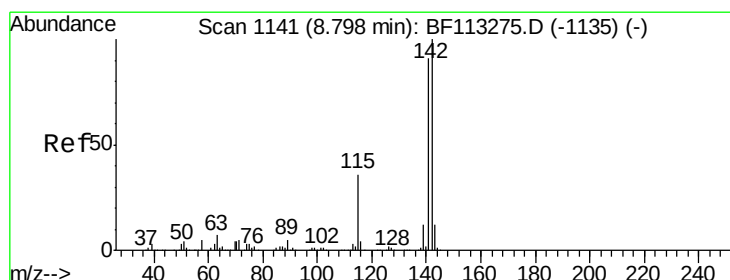
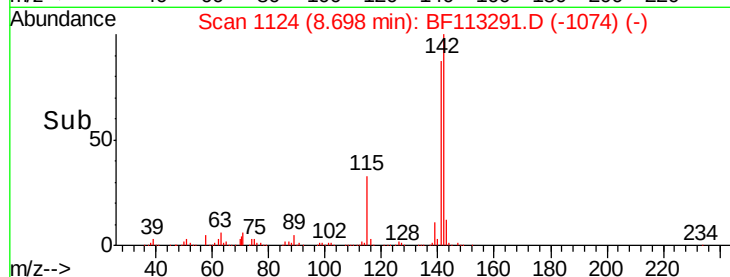
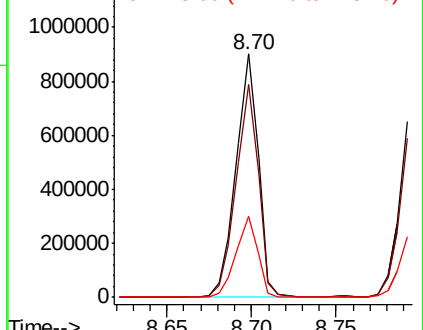


Abundance

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: 42.558 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

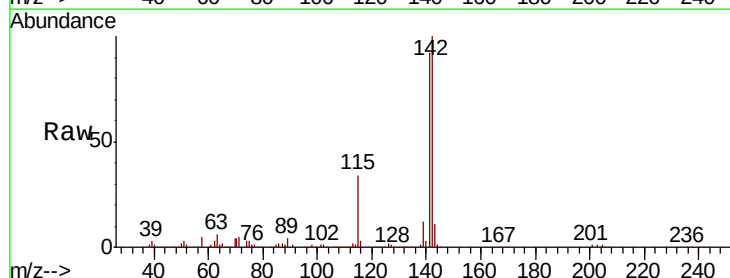
Tgt Ion:142 Resp: 784426

Ion Ratio Lower Upper

142 100

141 91.7 73.2 109.8

116 3.5 3.0 4.4

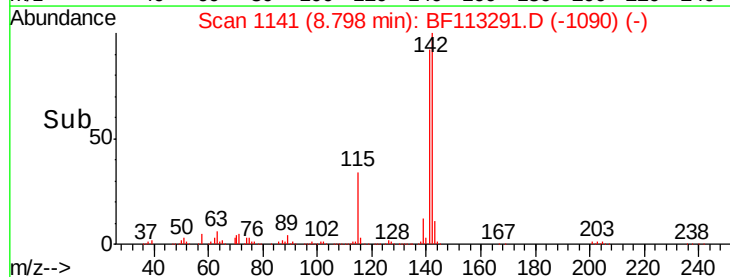
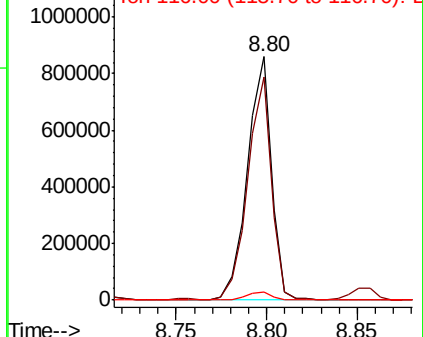


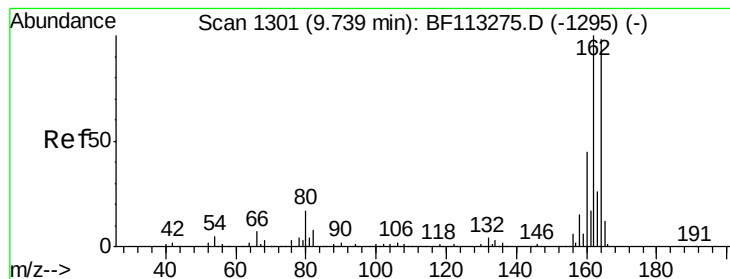
Abundance

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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

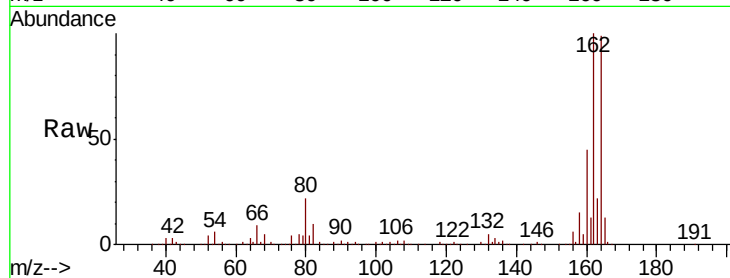
Tgt Ion:164 Resp: 303892

Ion Ratio Lower Upper

164 100

162 100.8 81.8 122.6

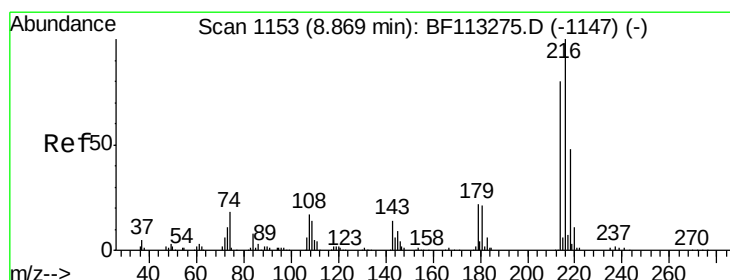
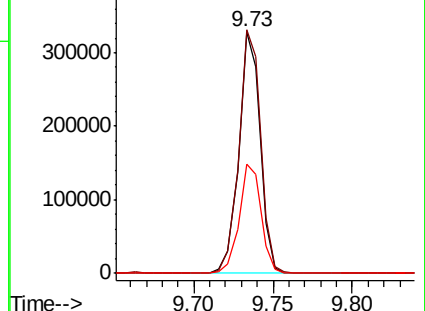
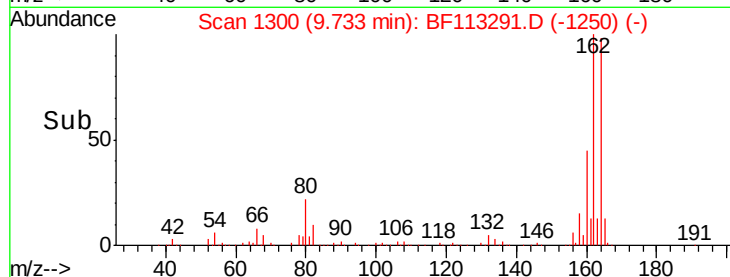
160 45.2 36.4 54.6



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: 38.972 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Tgt Ion:216 Resp: 380170

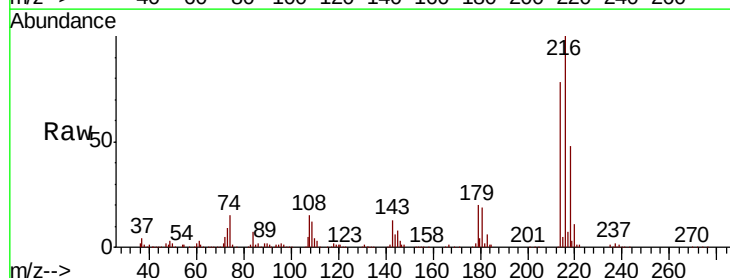
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.6

179 20.5 16.8 25.2

108 18.8 13.8 20.6

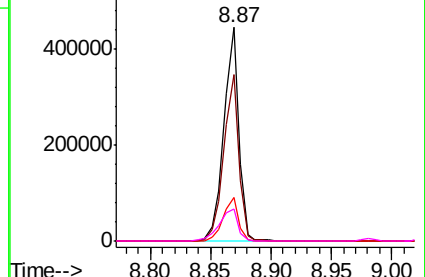
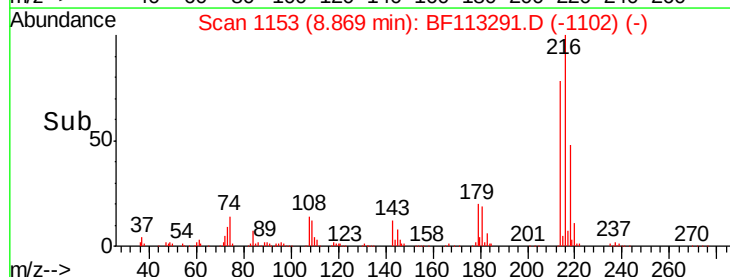


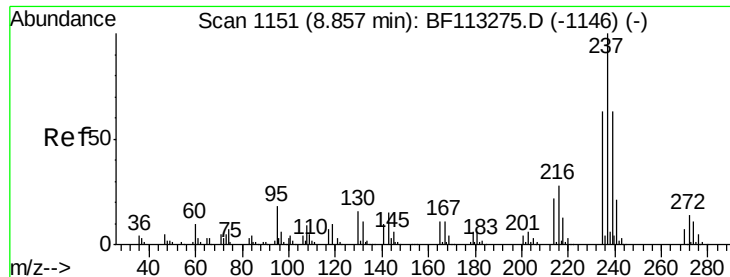
Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.143 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

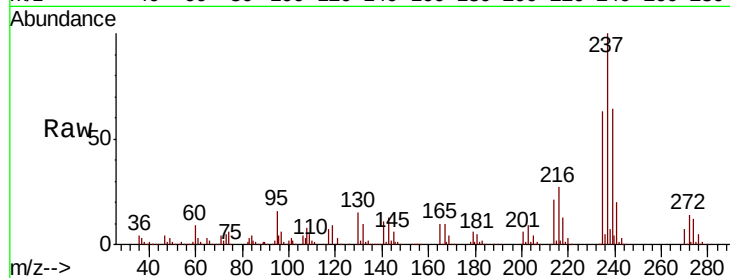
Tgt Ion: 237 Resp: 368073

Ion Ratio Lower Upper

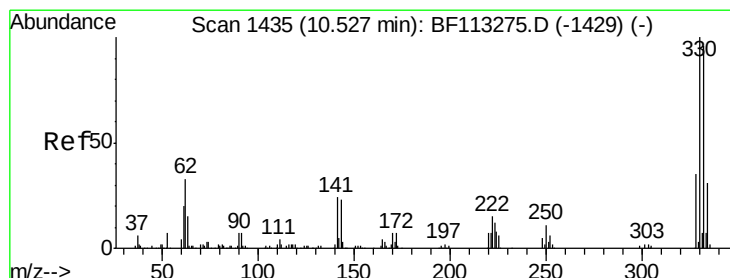
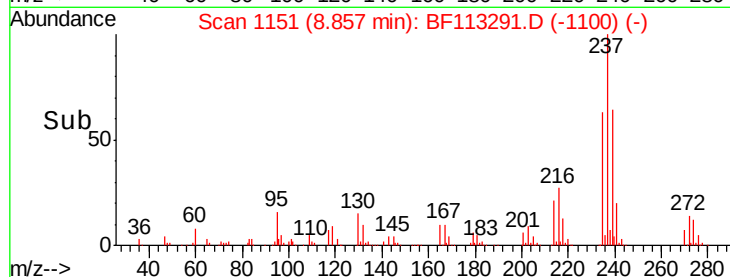
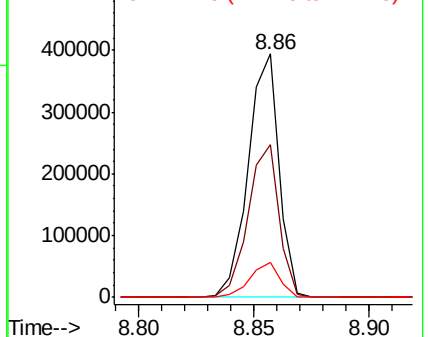
237 100

235 63.0 43.4 83.4

272 14.5 0.0 33.7



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: 130.788 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

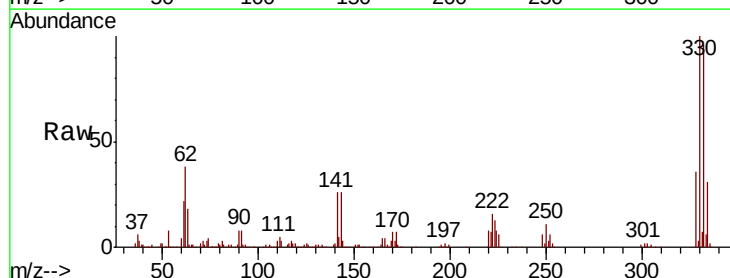
Tgt Ion: 330 Resp: 490945

Ion Ratio Lower Upper

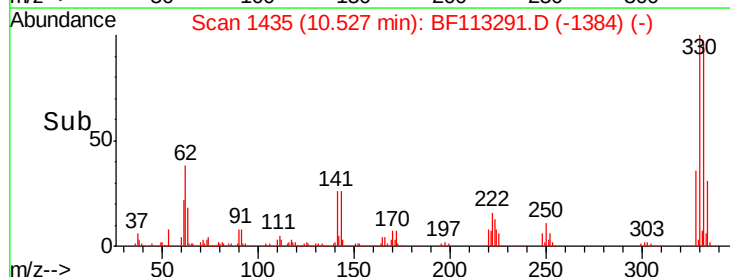
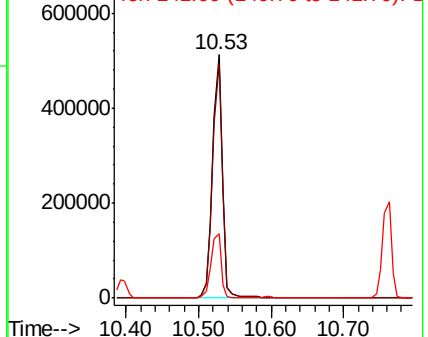
330 100

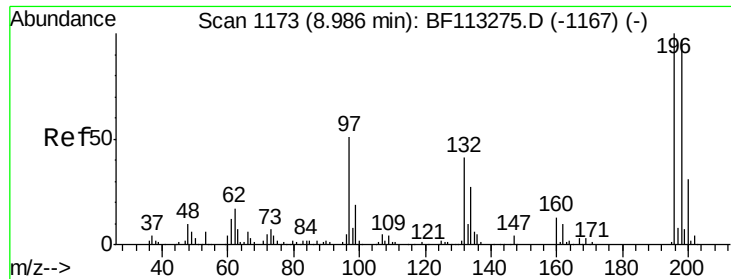
332 96.4 77.8 116.6

141 27.5 22.7 34.1



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

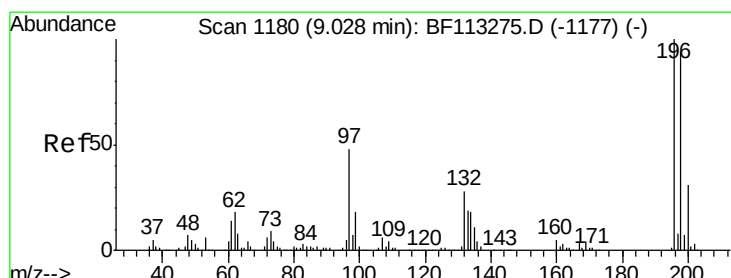
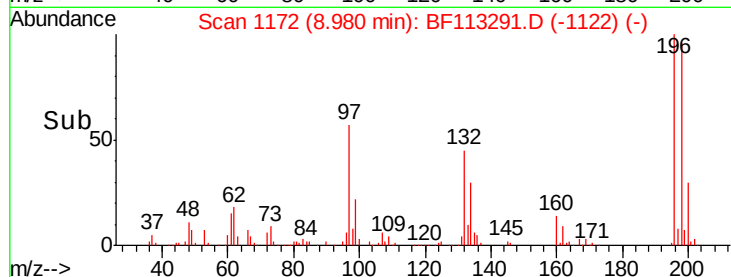
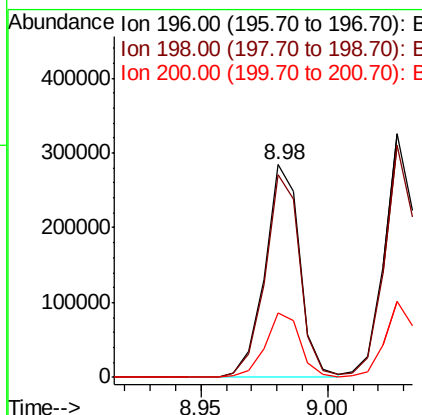
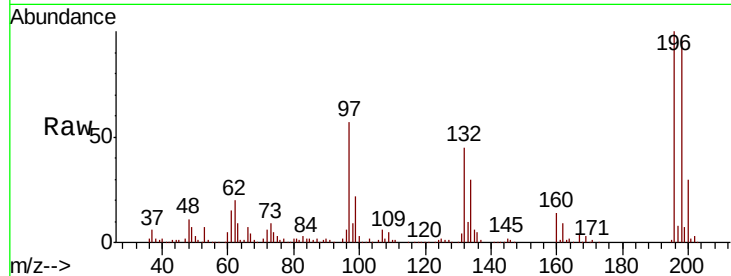




#43
 2,4,6-Trichlorophenol
 Concen: 43.035 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

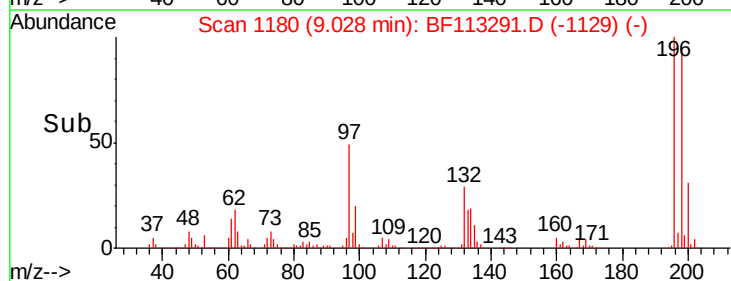
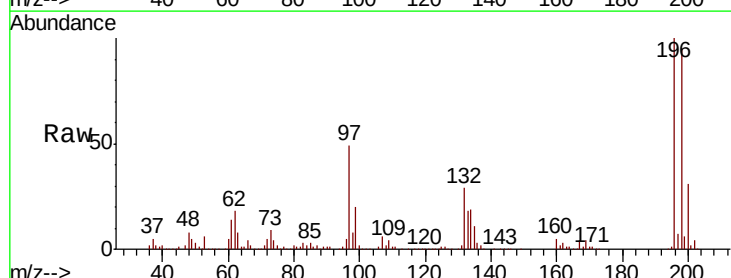
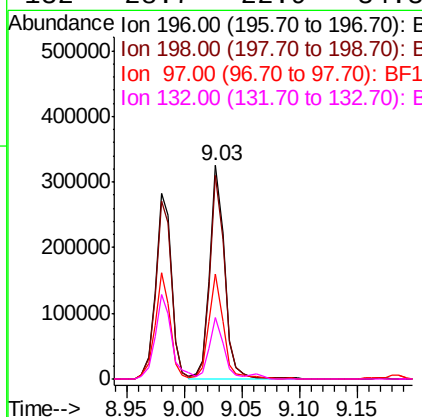
Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

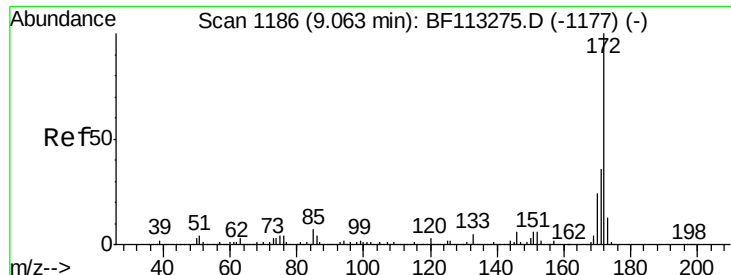
Tgt Ion:196 Resp: 273371
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.7 116.5
 200 30.3 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.607 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Tgt Ion:196 Resp: 292497
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.4 113.2
 97 49.4 38.6 58.0
 132 28.7 22.9 34.3

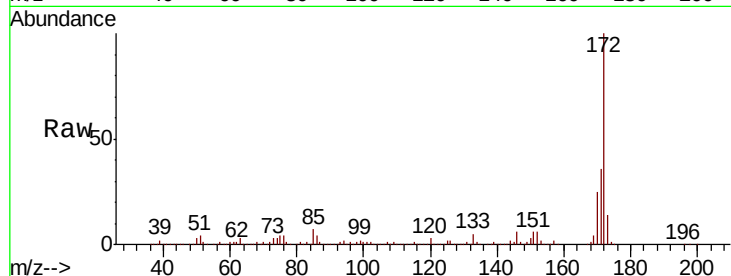




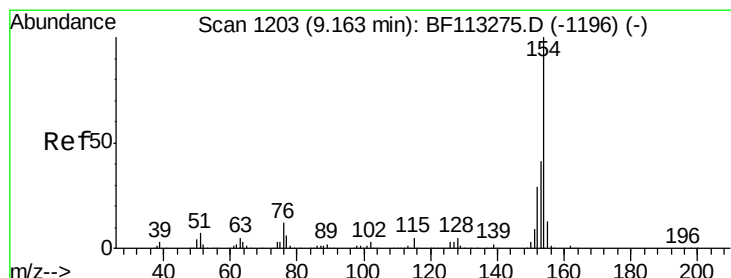
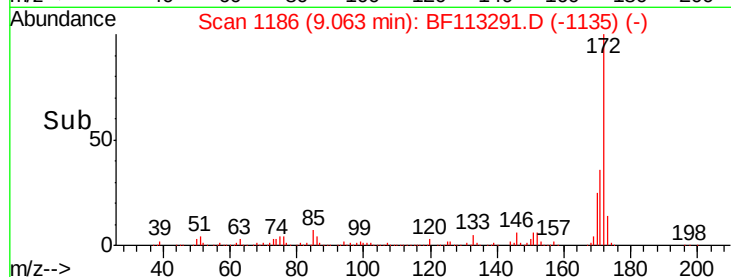
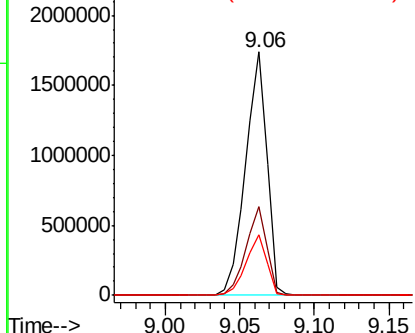
#45
2-Fluorobiphenyl
Concen: 89.937 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion:172 Resp: 1723913
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 24.9 19.5 29.3

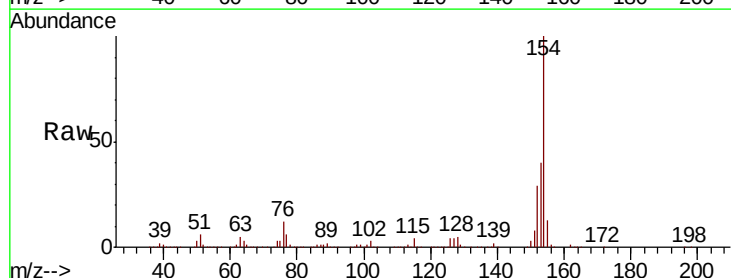


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

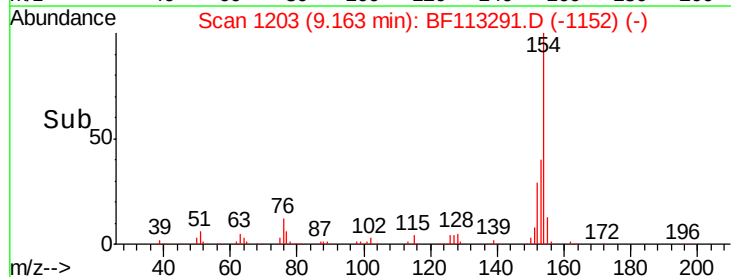
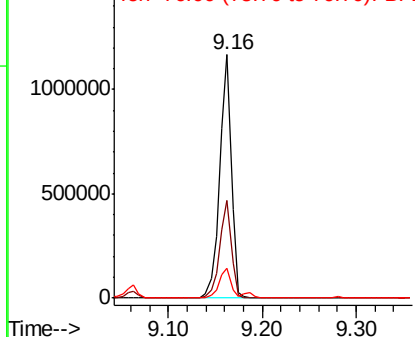


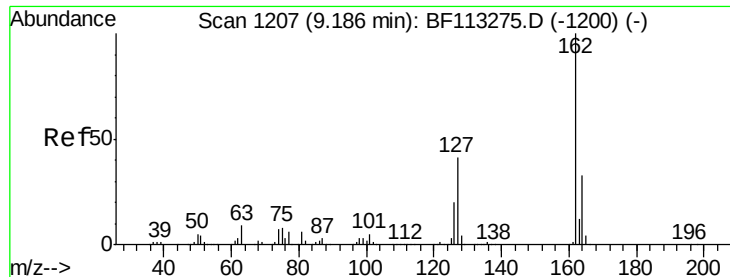
#46
1,1'-Biphenyl
Concen: 39.868 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion:154 Resp: 1011879
Ion Ratio Lower Upper
154 100
153 40.0 20.8 60.8
76 12.1 0.0 31.9



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

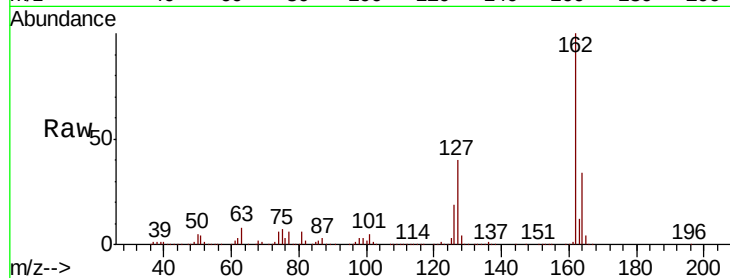




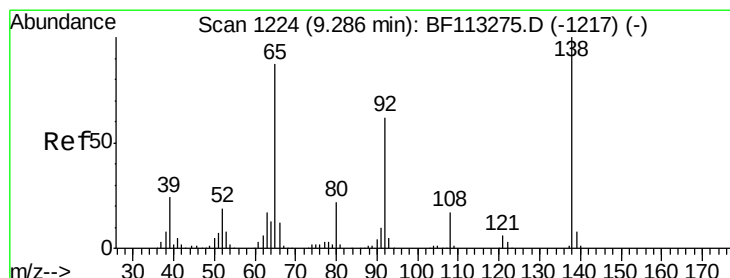
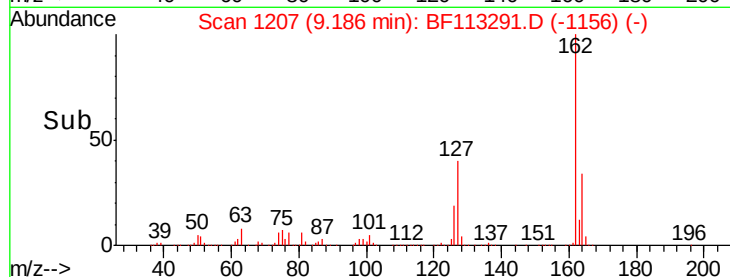
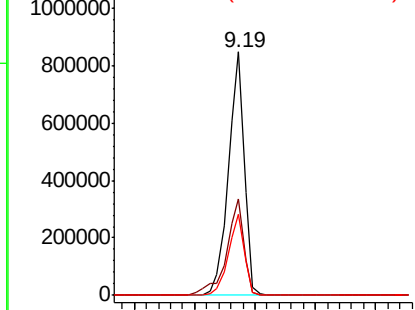
#47
 2-Chloronaphthalene
 Concen: 39.559 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

Tgt Ion:	162	Resp:	773070
Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.6	49.0
164	33.5	26.6	39.8

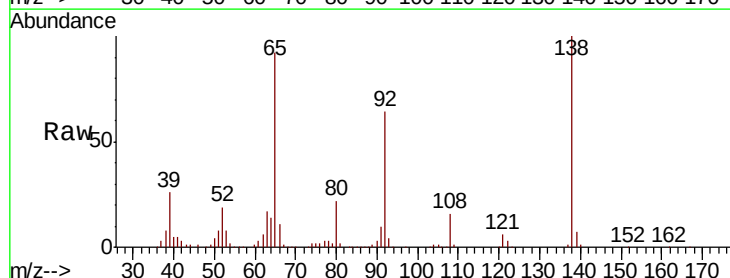


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

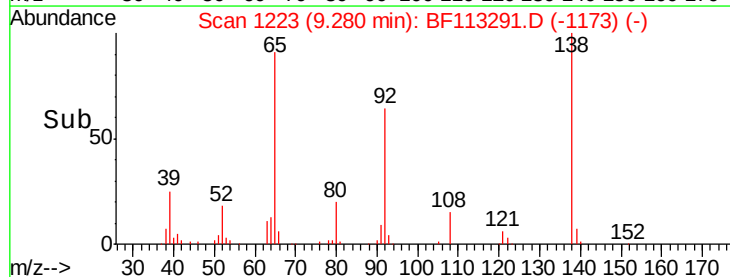
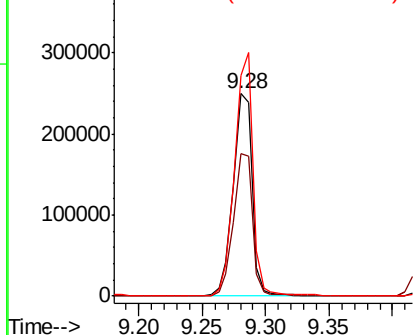


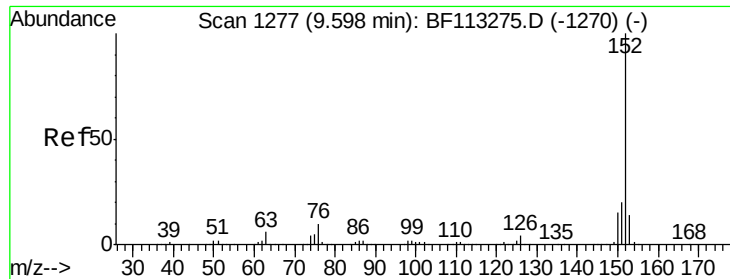
#48
 2-Nitroaniline
 Concen: 42.123 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Tgt Ion:	65	Resp:	258325
Ion	Ratio	Lower	Upper
65	100		
92	70.3	56.8	85.2
138	109.1	92.3	138.5



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: 40.325 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

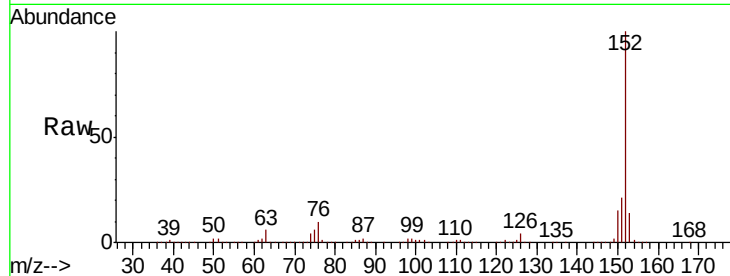
Tgt Ion:152 Resp: 1274170

Ion Ratio Lower Upper

152 100

151 20.7 16.2 24.4

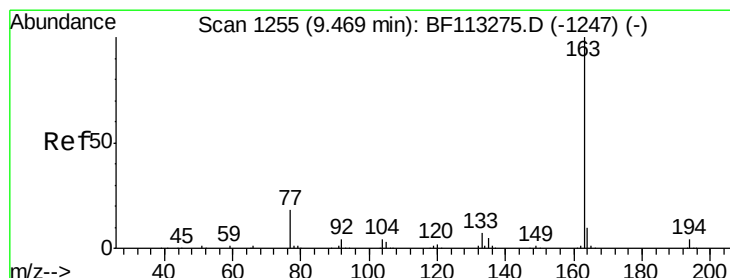
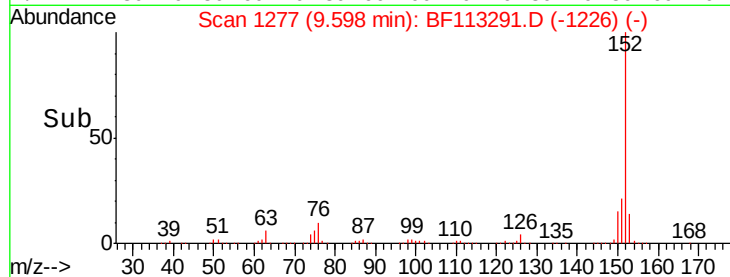
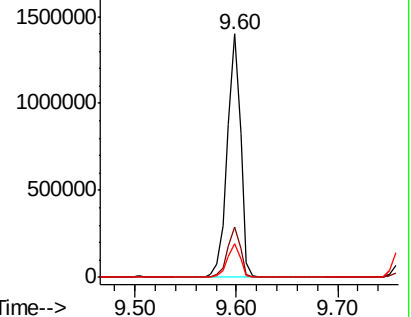
153 13.9 11.0 16.6



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: 47.578 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

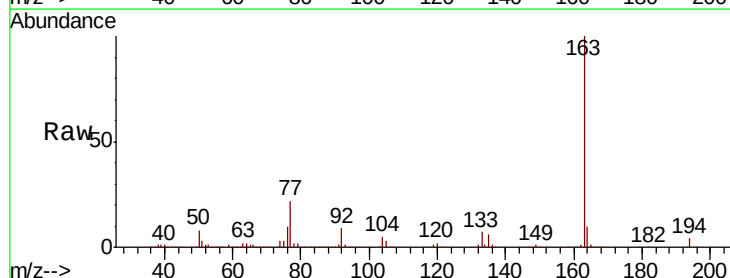
Tgt Ion:163 Resp: 1071492

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

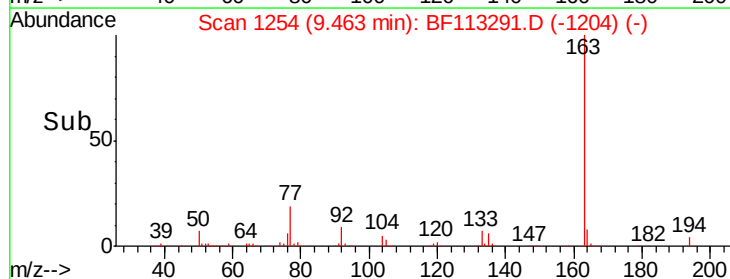
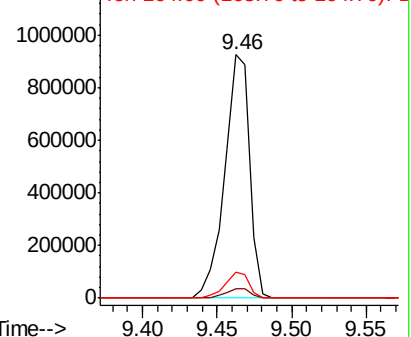
164 10.5 8.1 12.1

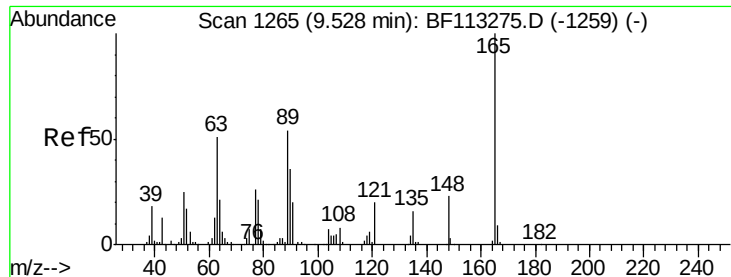


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

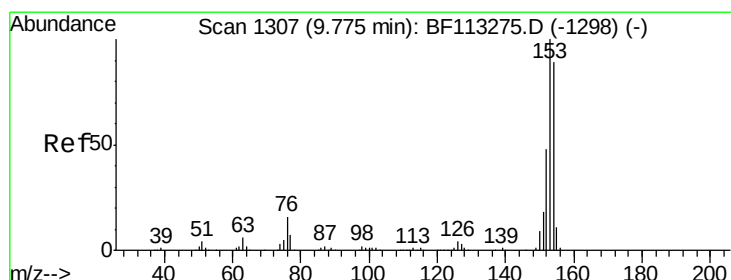
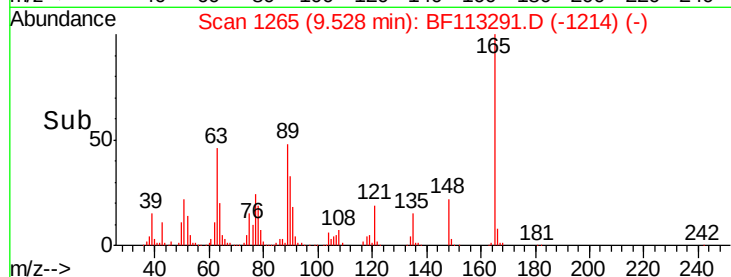
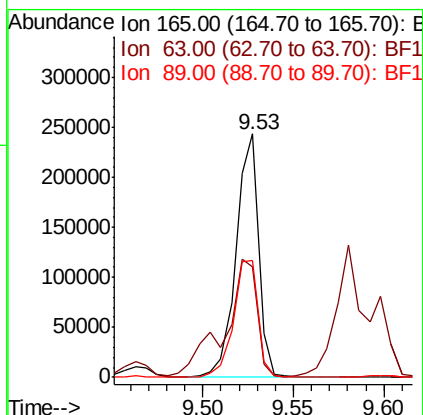
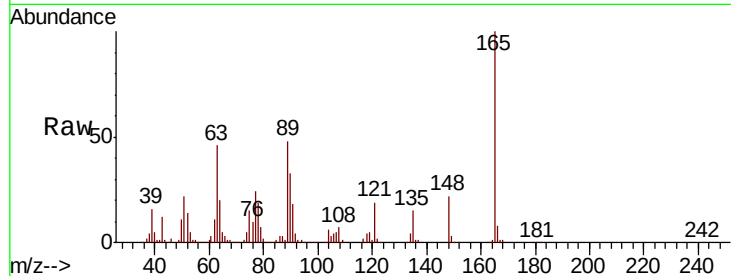




#51
 2,6-Dinitrotoluene
 Concen: 41.718 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

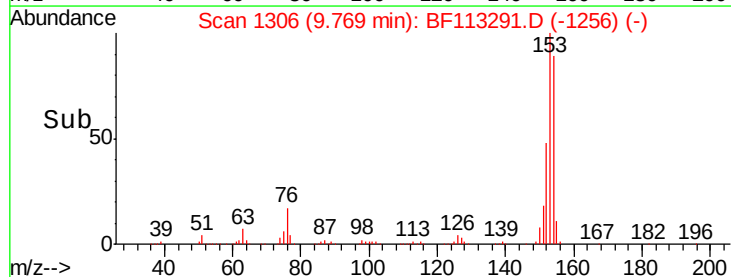
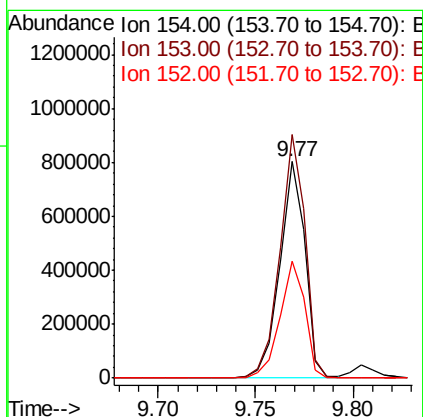
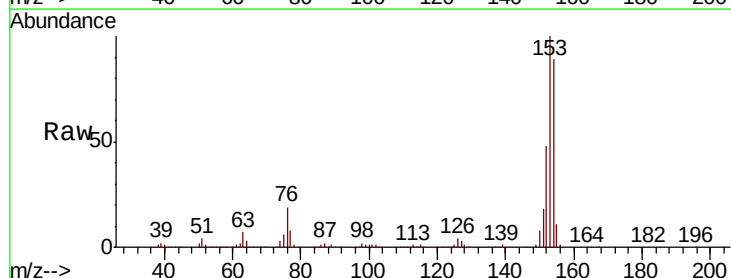
Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

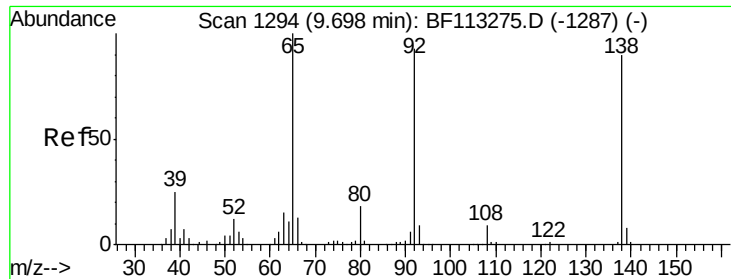
Tgt Ion:165 Resp: 211953
 Ion Ratio Lower Upper
 165 100
 63 45.5 43.4 65.0
 89 48.1 43.1 64.7



#52
 Acenaphthene
 Concen: 40.353 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Tgt Ion:154 Resp: 718054
 Ion Ratio Lower Upper
 154 100
 153 112.4 89.5 134.3
 152 54.1 43.3 64.9

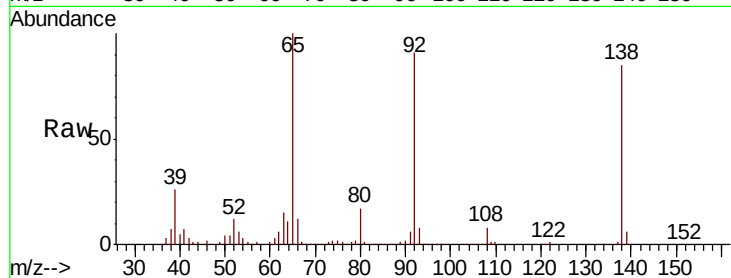




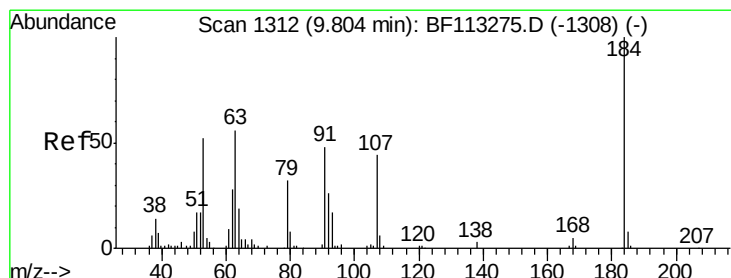
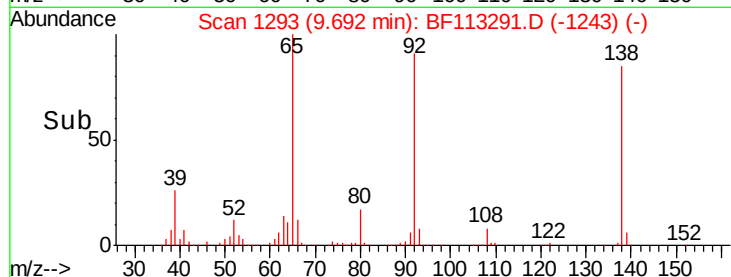
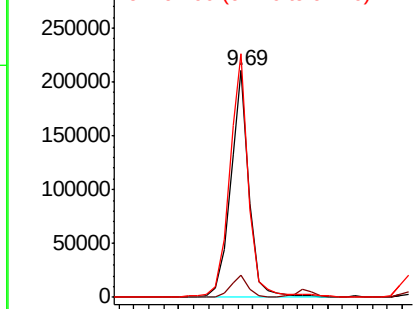
#53
3-Nitroaniline
Concen: 32.011 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion:138 Resp: 183405
Ion Ratio Lower Upper
138 100
108 9.9 7.8 11.6
92 107.4 82.6 124.0

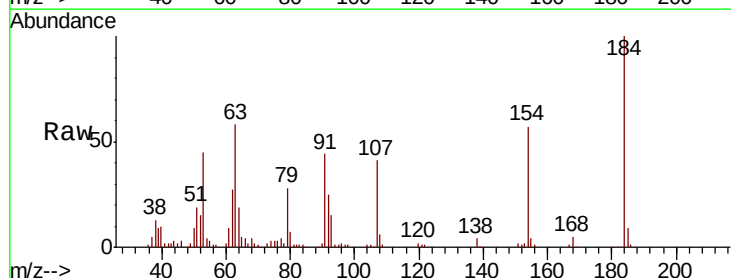


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

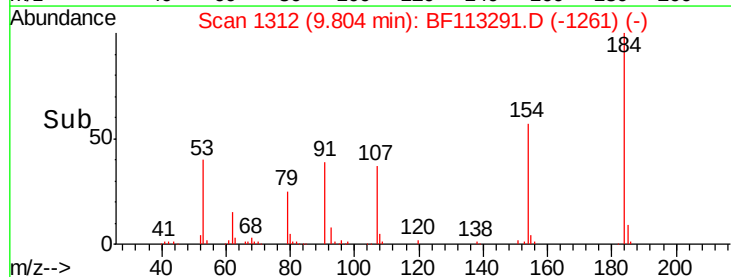
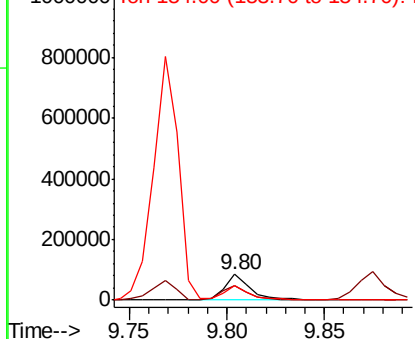


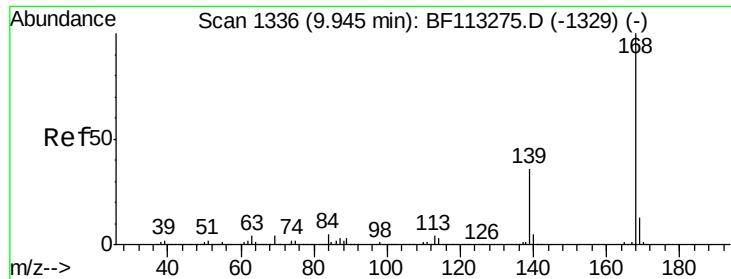
#54
2,4-Dinitrophenol
Concen: 31.128 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion:184 Resp: 78657
Ion Ratio Lower Upper
184 100
63 57.6 54.3 81.5
154 57.2 48.4 72.6



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

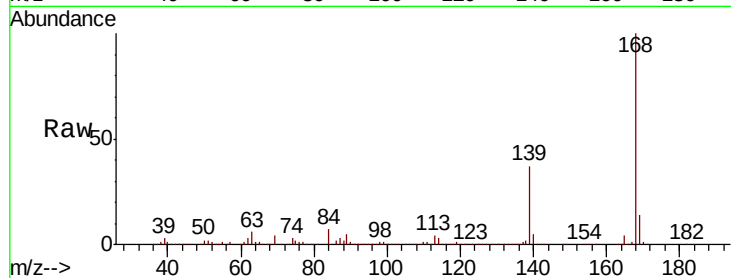




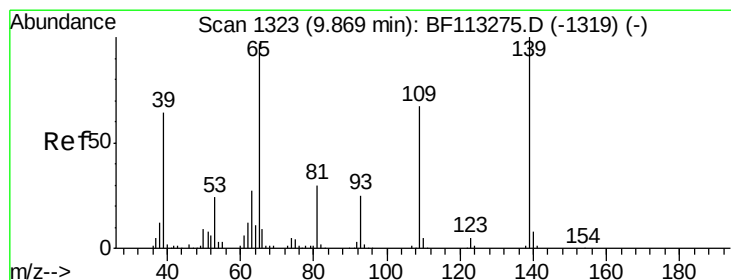
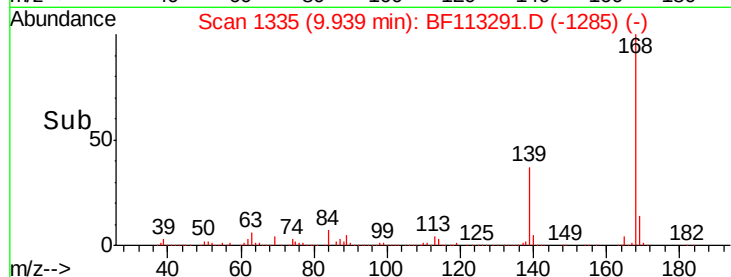
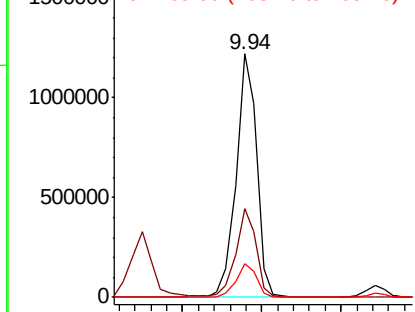
#55
Dibenzofuran
Concen: 40.881 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

Tgt Ion:168 Resp: 1093598
Ion Ratio Lower Upper
168 100
139 36.6 29.7 44.5
169 13.9 10.7 16.1

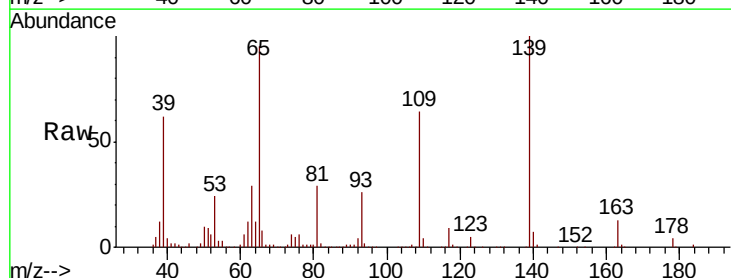


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

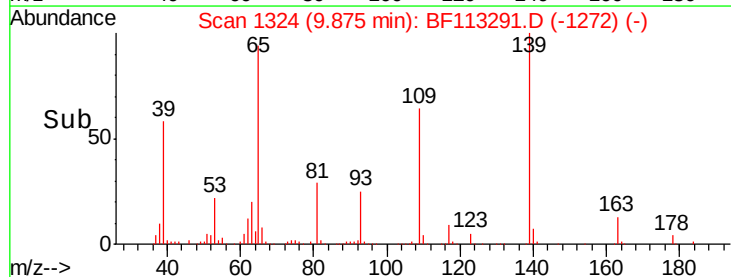
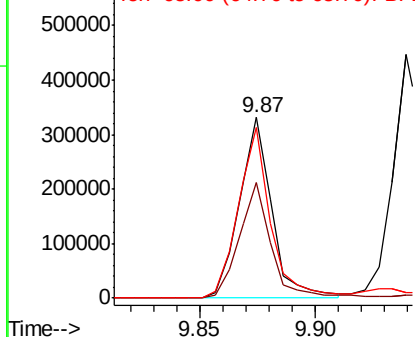


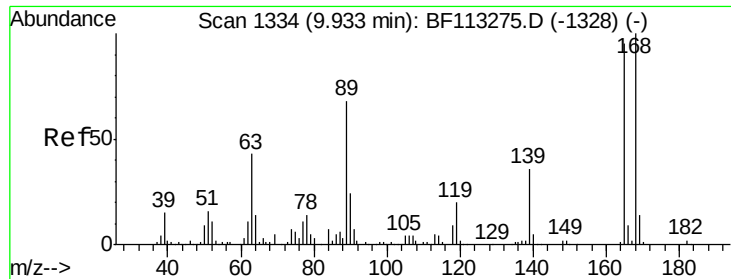
#56
4-Nitrophenol
Concen: 79.534 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion:139 Resp: 324879
Ion Ratio Lower Upper
139 100
109 63.8 46.9 86.9
65 94.6 77.2 117.2



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

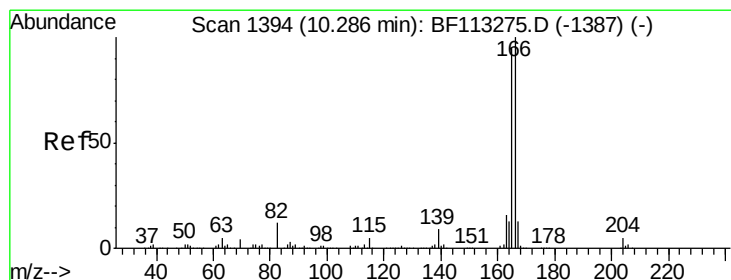
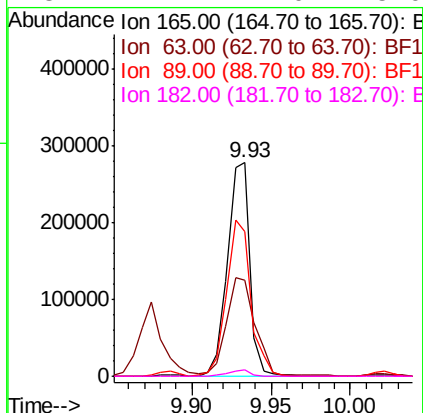
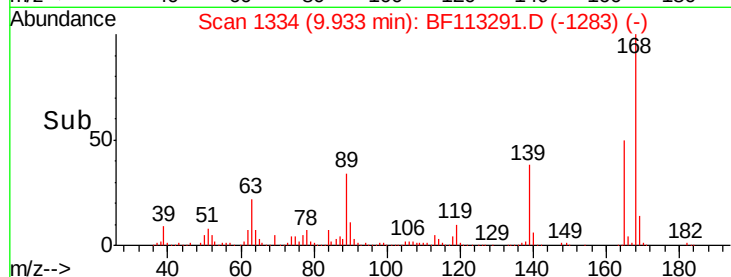
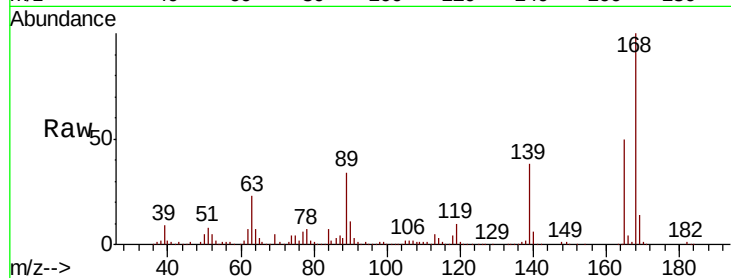




#57
 2,4-Dinitrotoluene
 Concen: 41.913 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

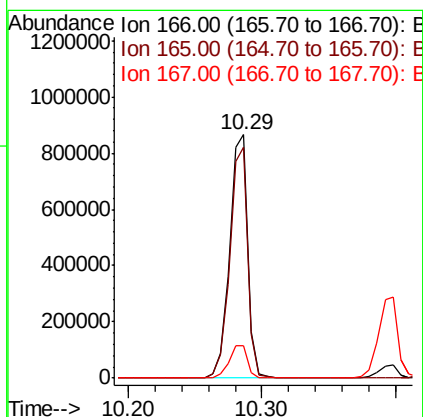
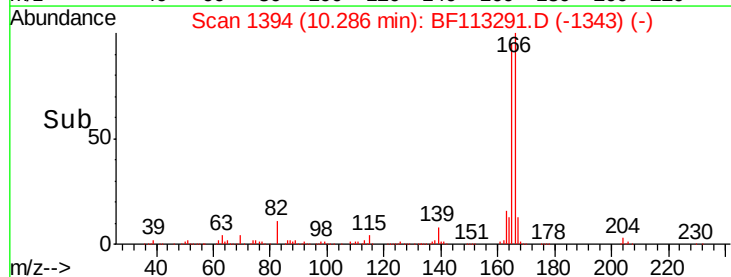
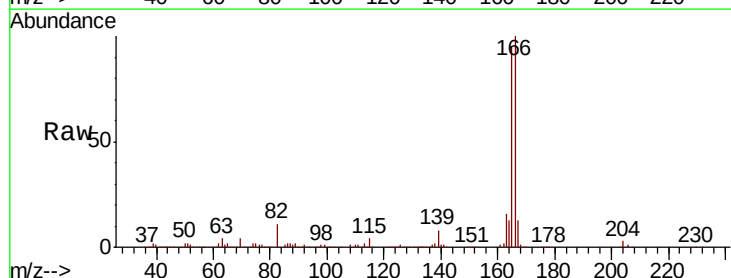
Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

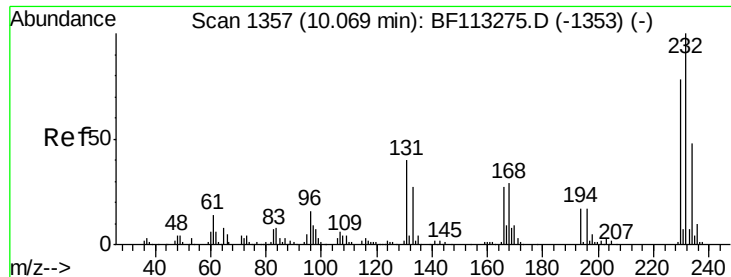
Tgt Ion:	165	Resp:	270804
Ion	Ratio	Lower	Upper
165	100		
63	45.2	37.5	56.3
89	67.8	57.4	86.2
182	2.7	2.0	3.0



#58
 Fluorene
 Concen: 39.978 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Tgt Ion:	166	Resp:	830798
Ion	Ratio	Lower	Upper
166	100		
165	94.7	76.2	114.2
167	13.3	10.7	16.1

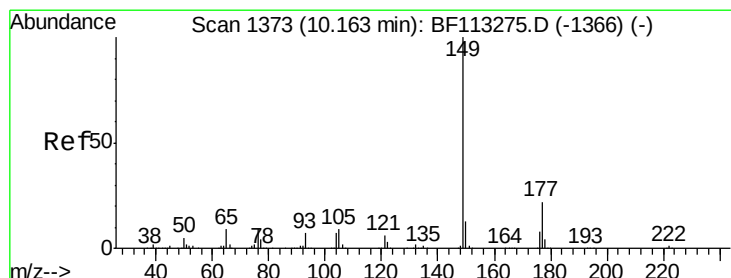
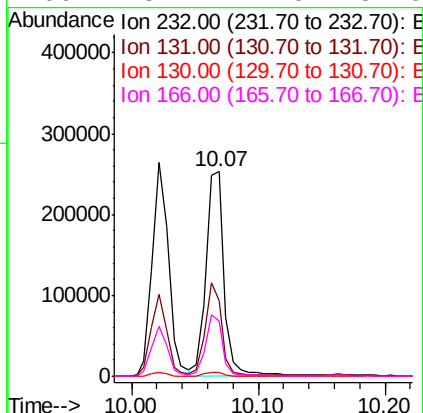
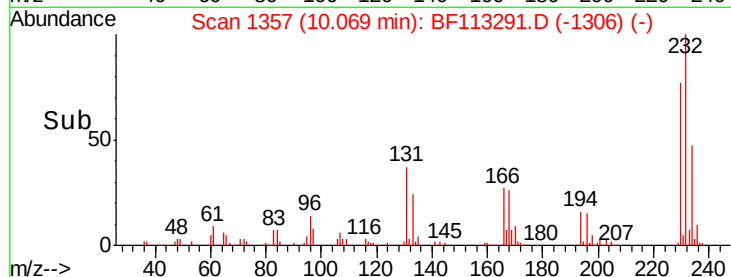
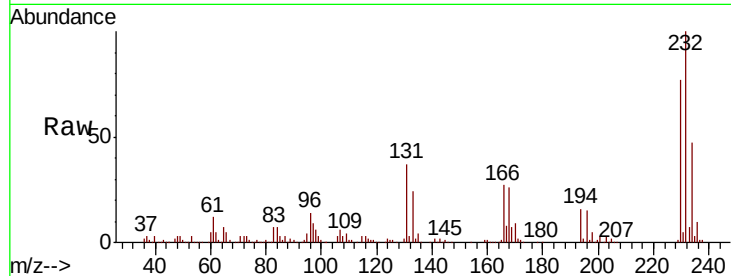




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.811 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

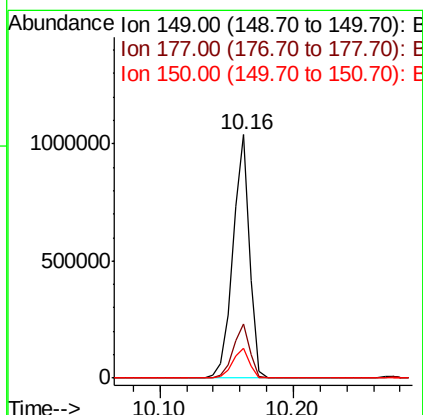
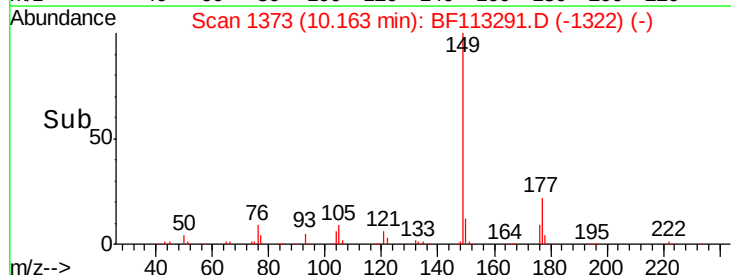
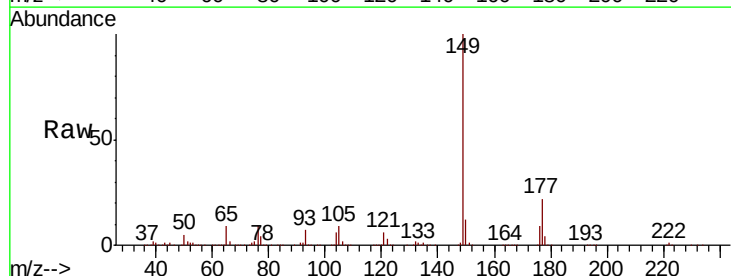
Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

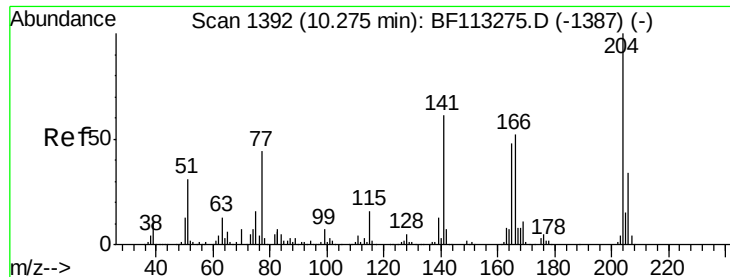
Tgt Ion:	232	Resp:	254508
Ion	Ratio	Lower	Upper
232	100		
131	42.1	33.2	49.8
130	1.9	1.6	2.4
166	28.1	21.0	31.6



#60
Diethylphthalate
Concen: 41.183 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion:	149	Resp:	909837
Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.4	26.0
150	12.4	10.0	15.0

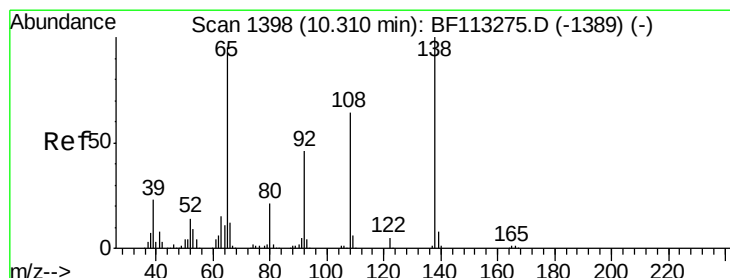
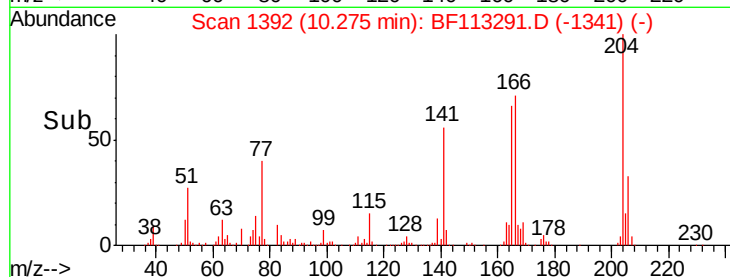
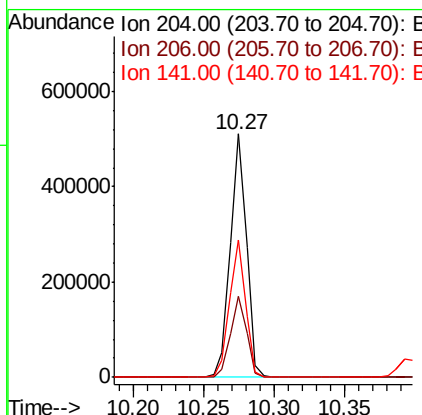
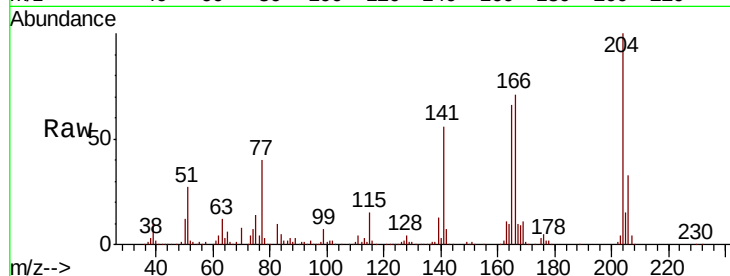




#61
4-Chlorophenyl-phenylether
Concen: 40.266 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

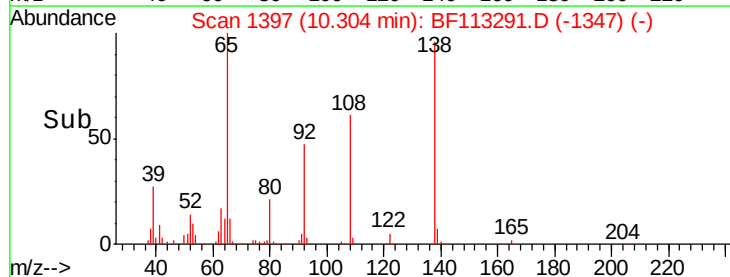
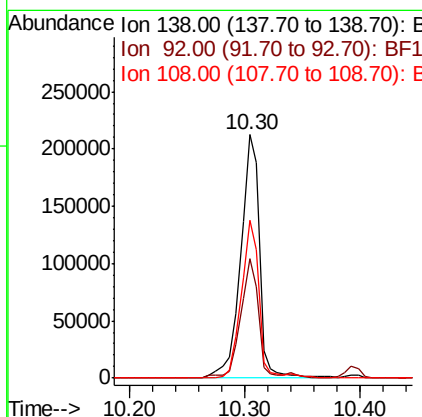
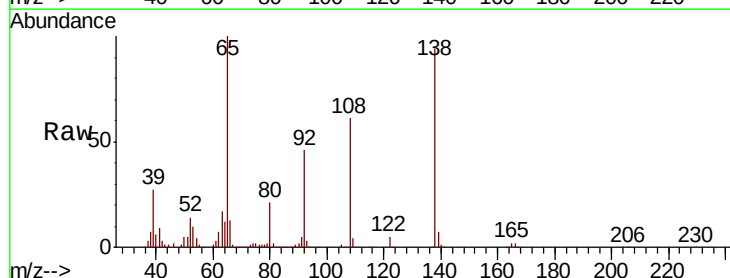
Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

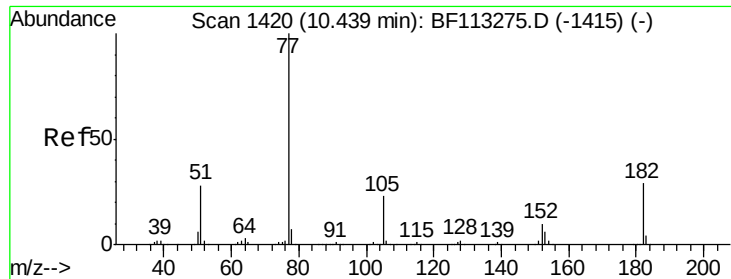
Tgt Ion:204 Resp: 407826
Ion Ratio Lower Upper
204 100
206 33.3 26.9 40.3
141 56.4 48.8 73.2



#62
4-Nitroaniline
Concen: 41.022 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion:138 Resp: 241990
Ion Ratio Lower Upper
138 100
92 48.8 25.8 65.8
108 64.6 44.0 84.0





#63

Azobenzene

Concen: 40.819 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

Tgt Ion: 77 Resp: 848899

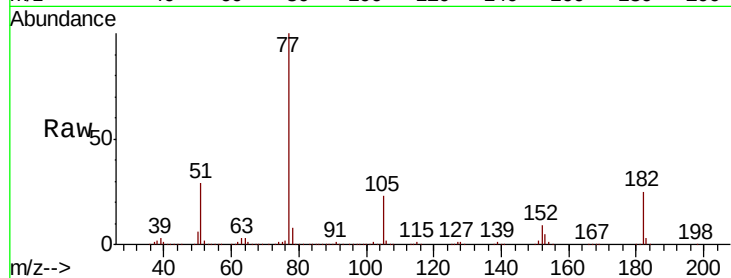
Ion Ratio Lower Upper

77 100

182 24.6 8.7 48.7

105 22.7 2.9 42.9

51 29.0 8.8 48.8

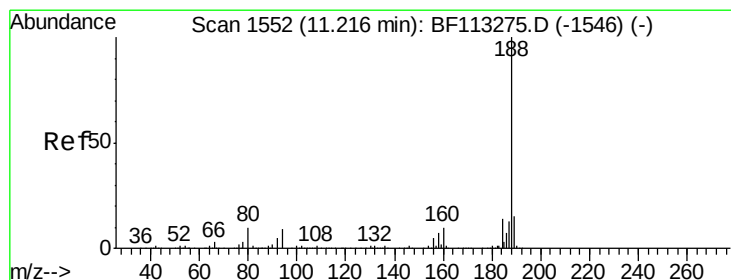
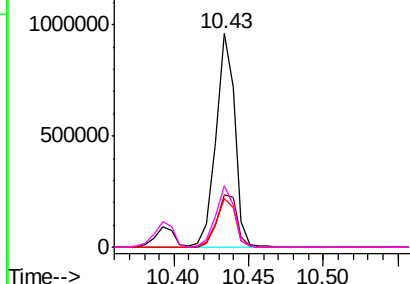
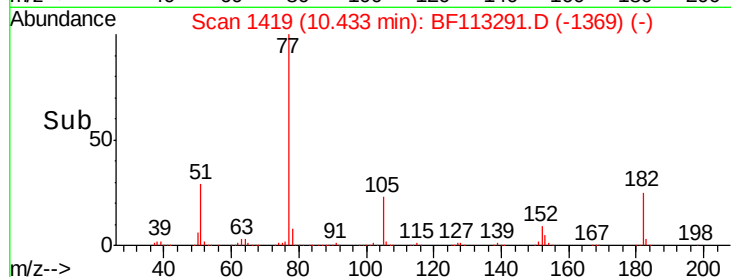


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

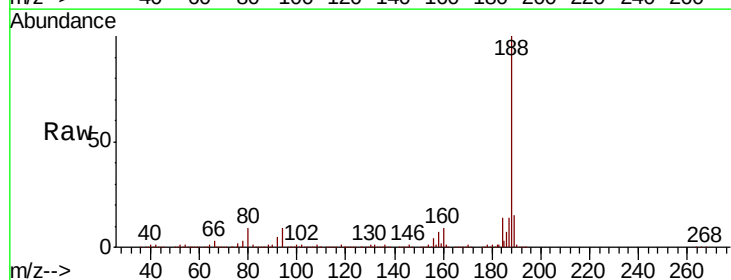
Tgt Ion: 188 Resp: 633233

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

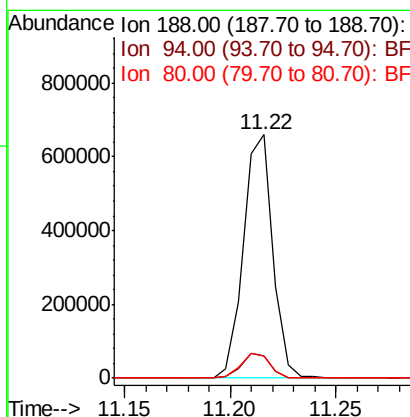
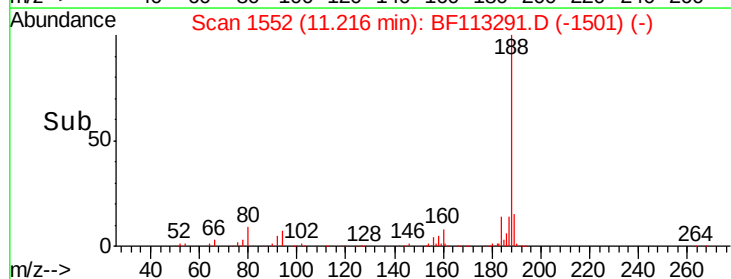
80 9.2 7.7 11.5

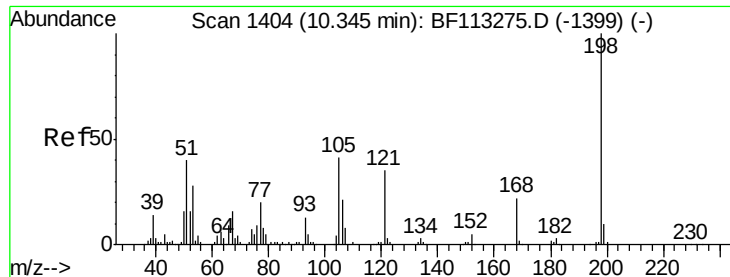


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

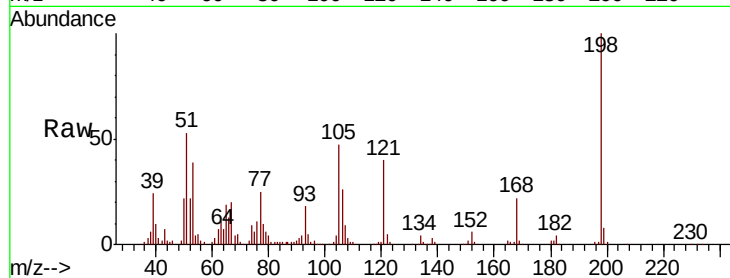




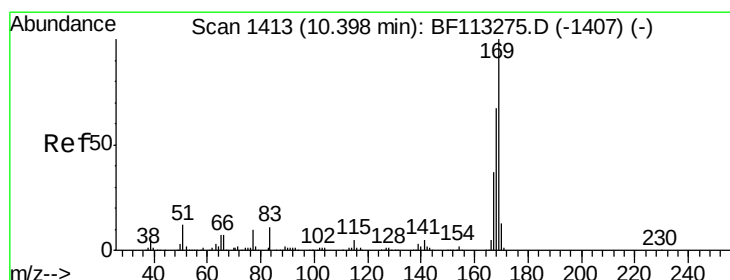
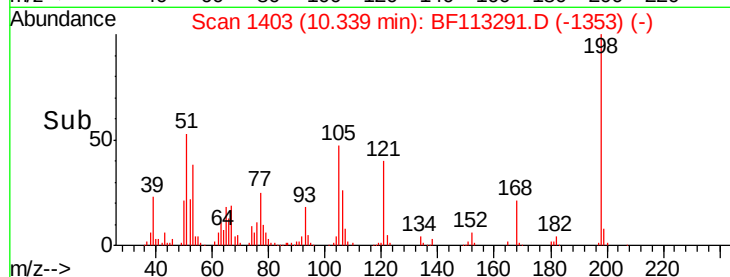
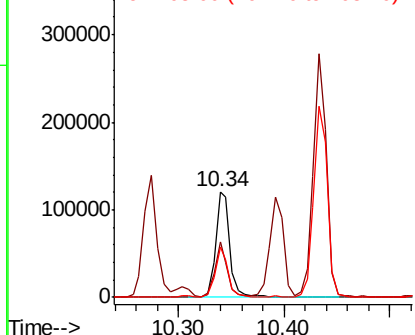
#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.738 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMS

Tgt Ion:198 Resp: 116872
 Ion Ratio Lower Upper
 198 100
 51 53.1 21.6 61.6
 105 47.4 20.6 60.6

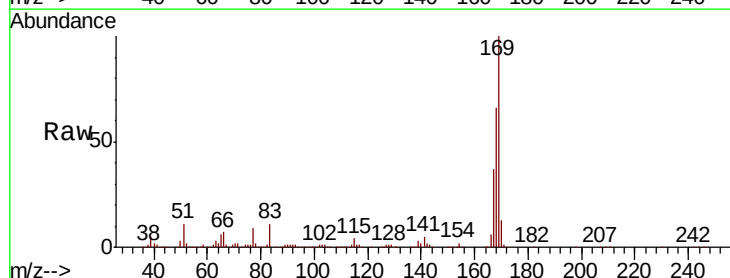


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

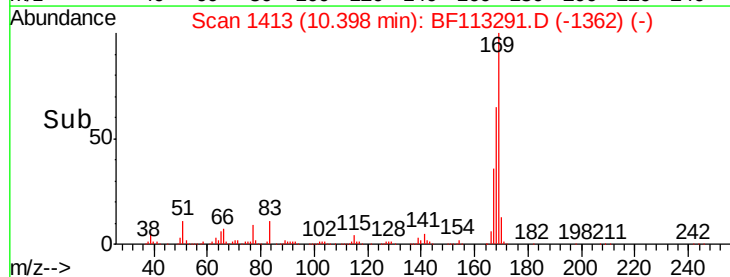
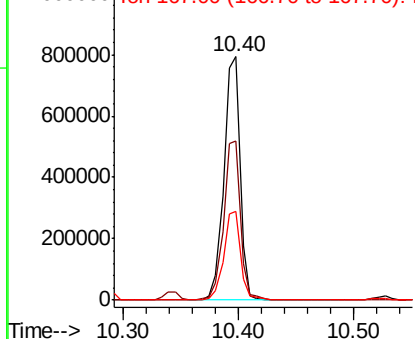


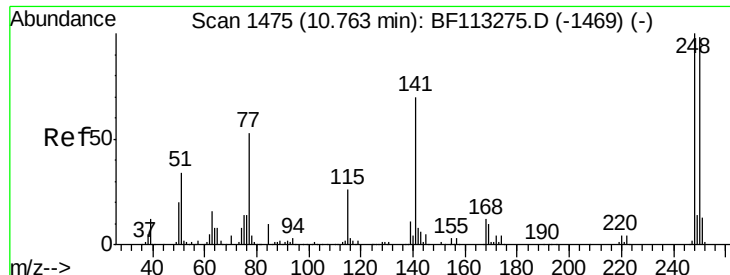
#66
 n-Nitrosodiphenylamine
 Concen: 39.890 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF113291.D
 Acq: 26 Mar 2019 14:53

Tgt Ion:169 Resp: 775108
 Ion Ratio Lower Upper
 169 100
 168 65.6 53.7 80.5
 167 36.5 29.5 44.3



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

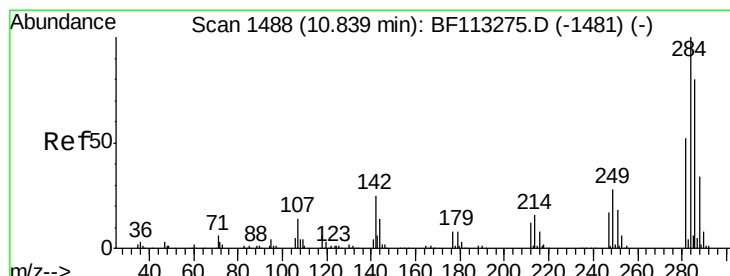
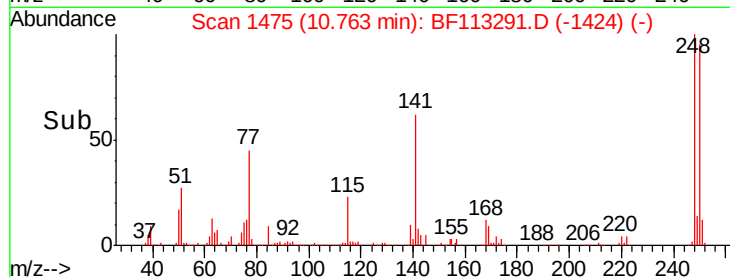
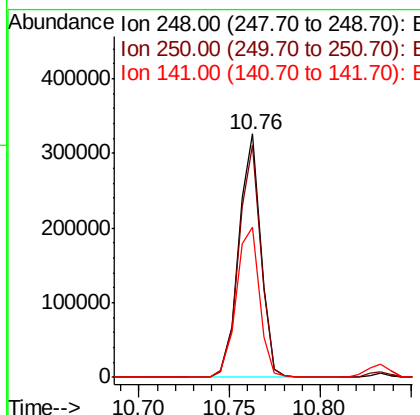
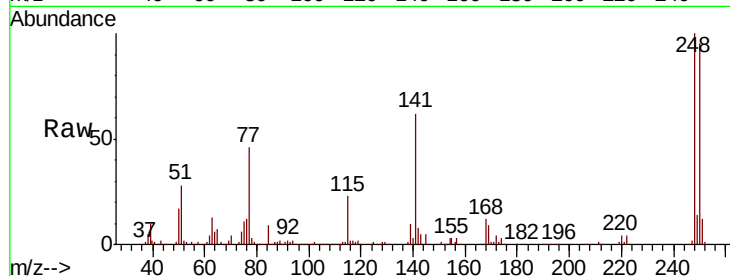




#67
4-Bromophenyl-phenylether
Concen: 39.878 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

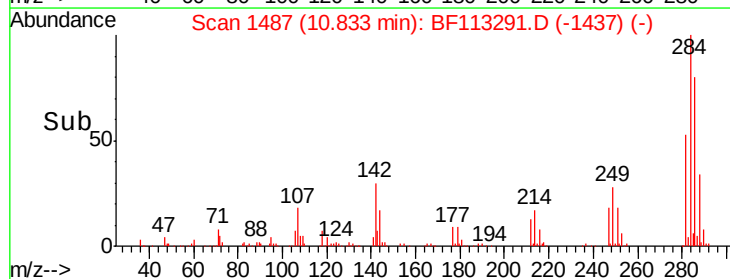
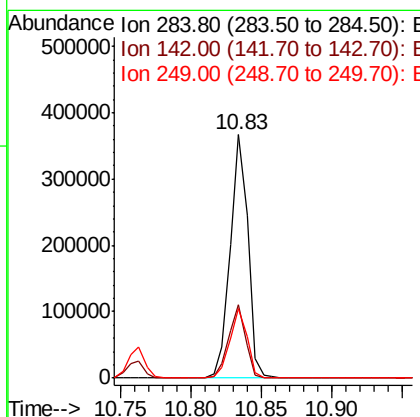
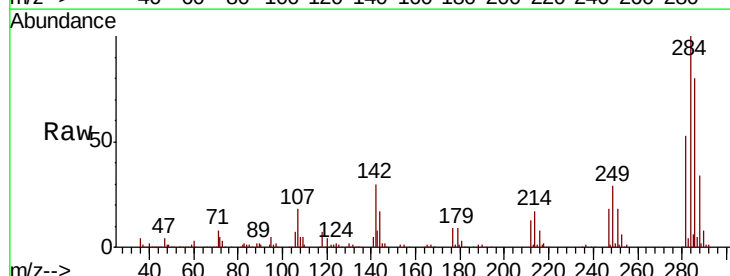
Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

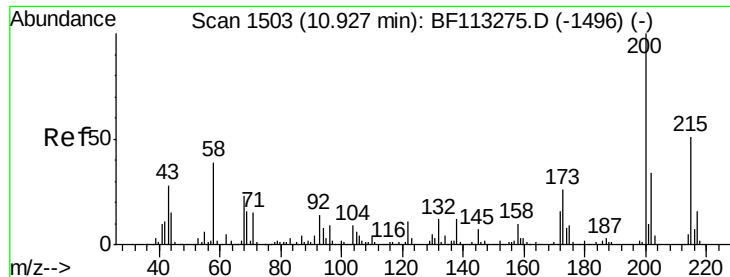
Tgt Ion:248 Resp: 275230
Ion Ratio Lower Upper
248 100
250 95.1 78.3 117.5
141 61.9 56.2 84.4



#68
Hexachlorobenzene
Concen: 39.933 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion:284 Resp: 319912
Ion Ratio Lower Upper
284 100
142 30.1 20.1 30.1
249 28.6 22.7 34.1





#69

Atrazine

Concen: 40.912 ng

RT: 10.92 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

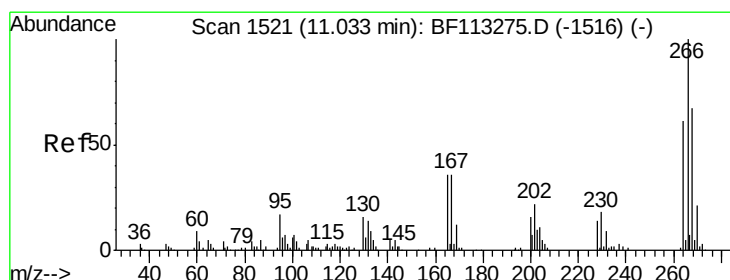
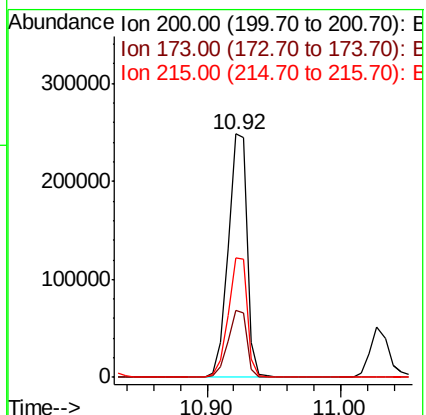
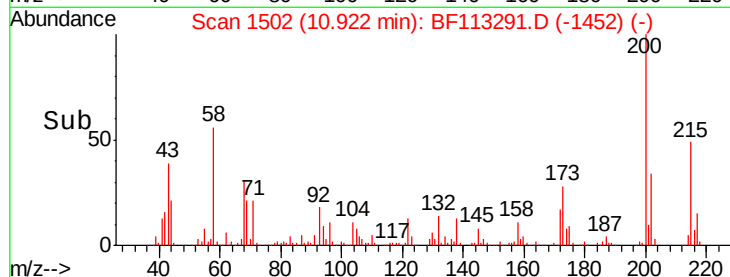
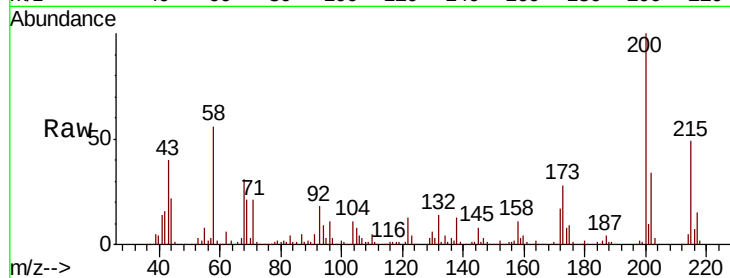
Tgt Ion:200 Resp: 250918

Ion Ratio Lower Upper

200 100

173 27.6 6.0 46.0

215 49.2 31.3 71.3



#70

Pentachlorophenol

Concen: 75.372 ng

RT: 11.03 min Scan# 1520

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

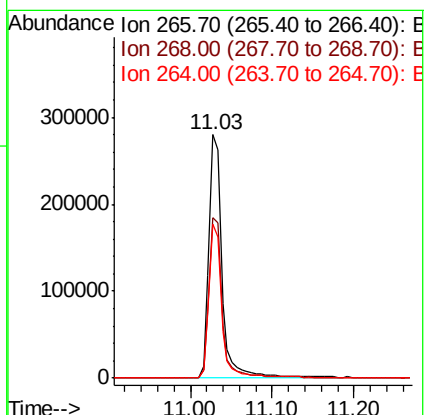
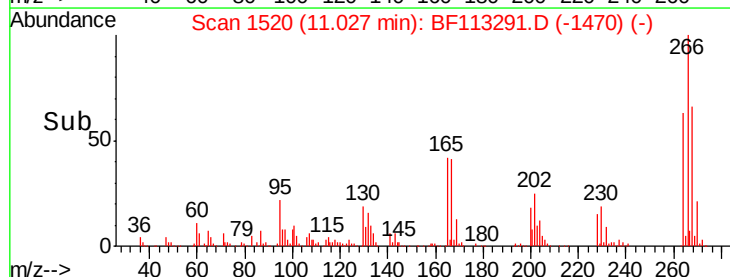
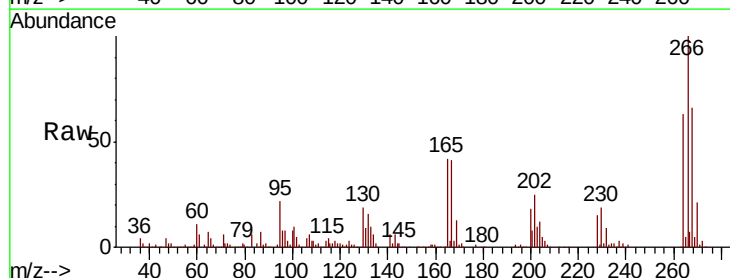
Tgt Ion:266 Resp: 314588

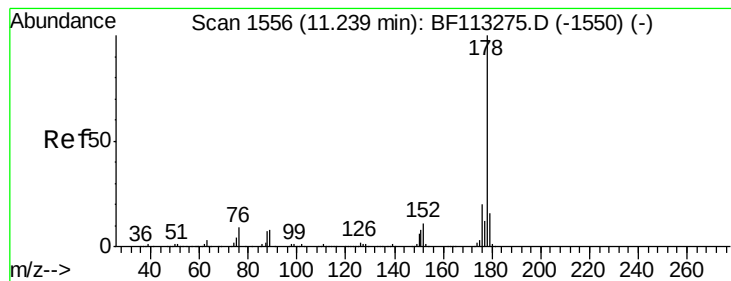
Ion Ratio Lower Upper

266 100

268 66.0 53.8 80.6

264 63.4 49.2 73.8





#71

Phenanthrene

Concen: 39.486 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

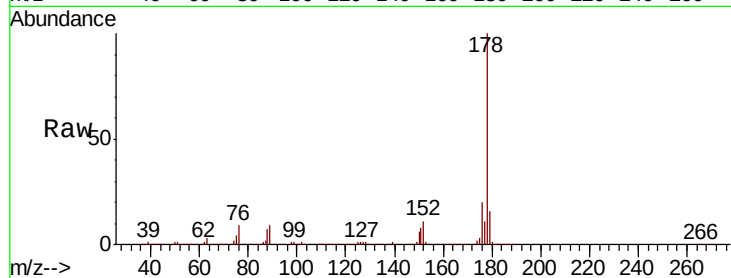
Tgt Ion:178 Resp: 1241706

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.2

179 16.0 12.7 19.1

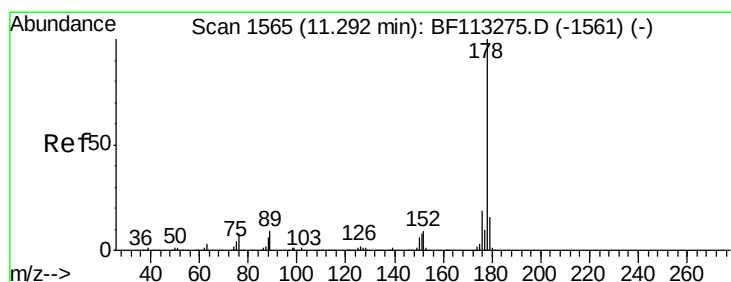
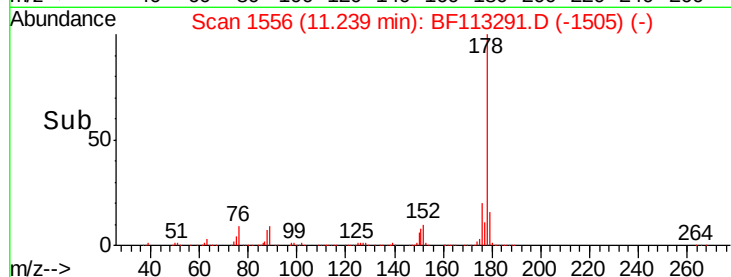
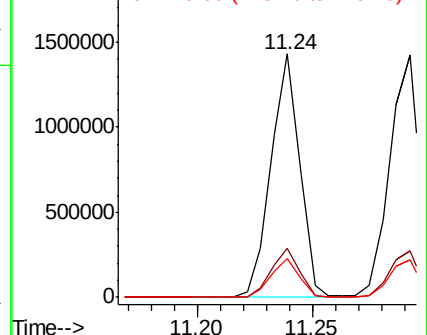


Abundance

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: 40.813 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

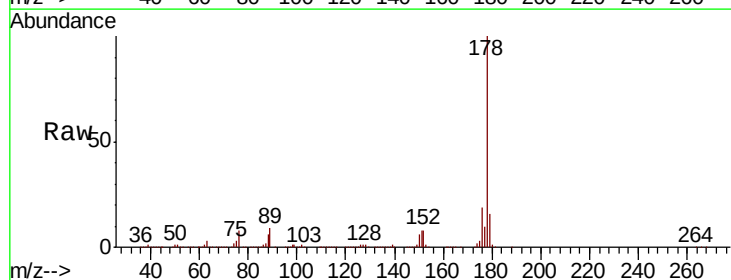
Tgt Ion:178 Resp: 1303618

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.7 12.8 19.2

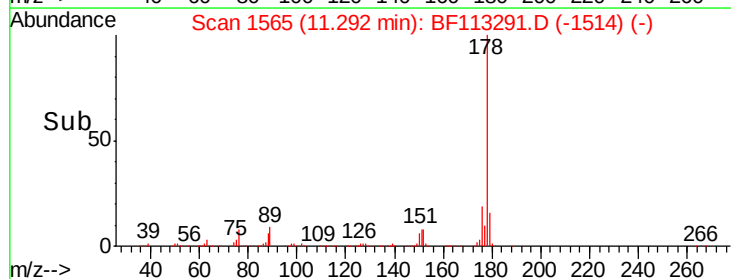
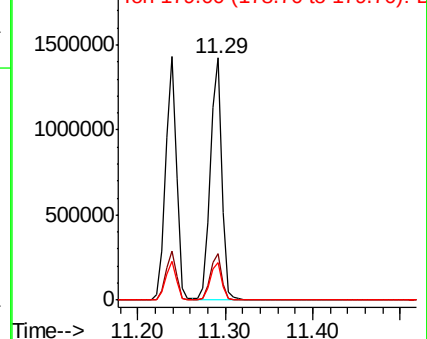


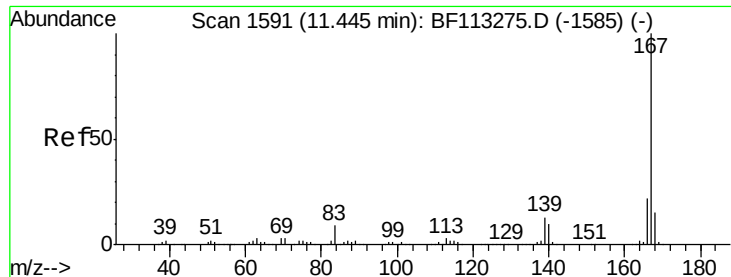
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 40.449 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

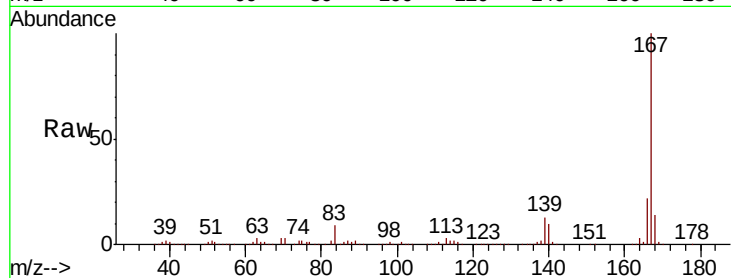
Tgt Ion:167 Resp: 1232850

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

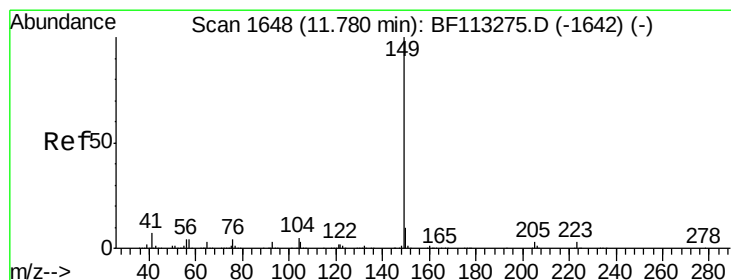
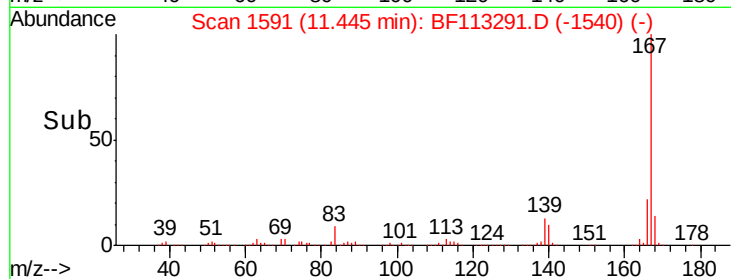
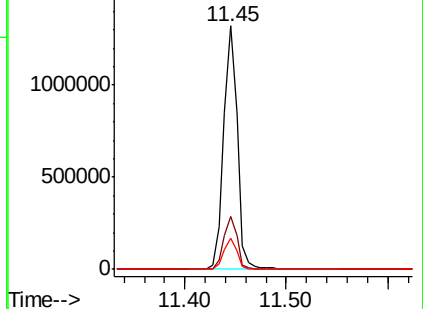
139 13.0 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.251 ng

RT: 11.78 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

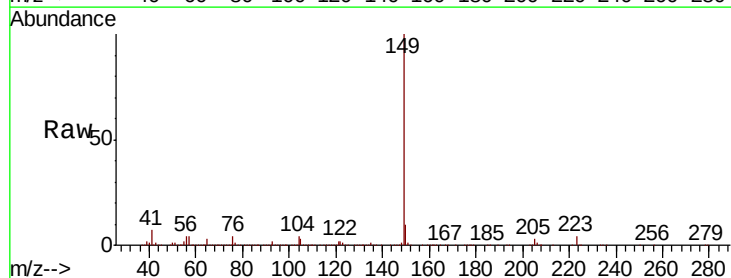
Tgt Ion:149 Resp: 1422655

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

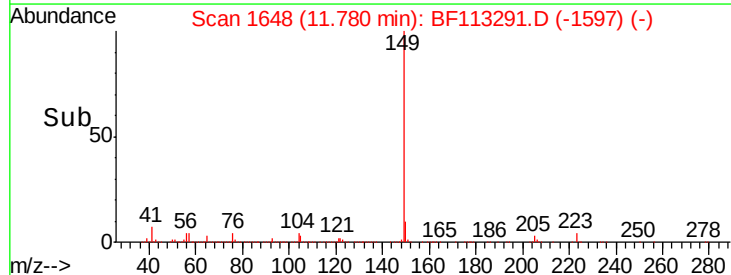
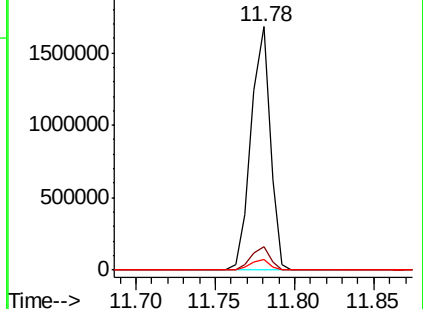
104 4.3 3.7 5.5

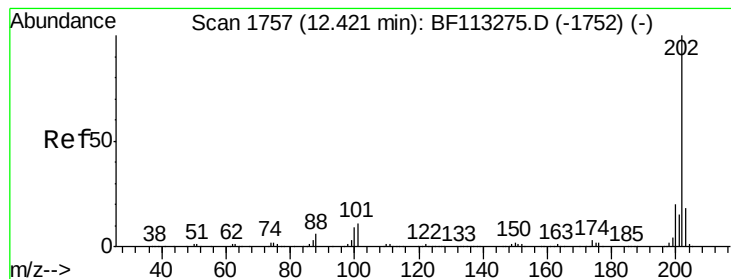


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.436 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

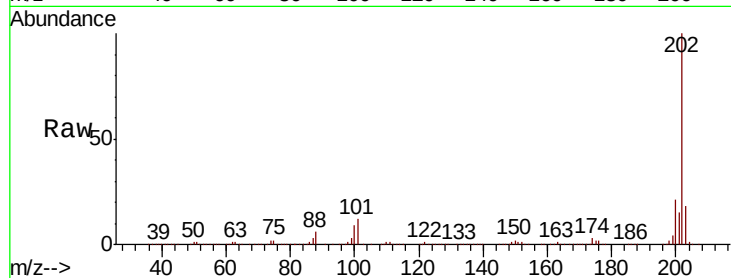
Tgt Ion:202 Resp: 1366389

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.4

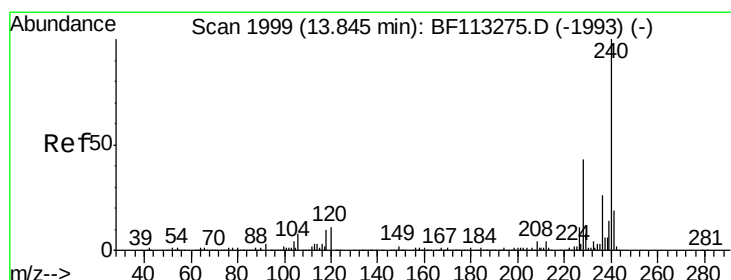
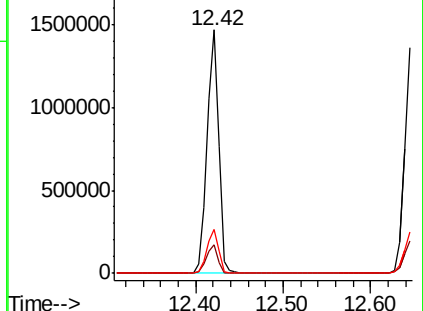
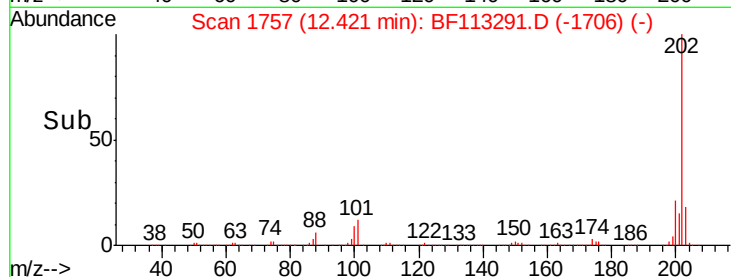
203 18.1 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

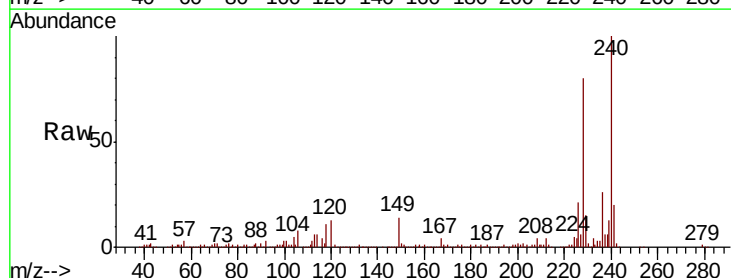
Tgt Ion:240 Resp: 476071

Ion Ratio Lower Upper

240 100

120 12.6 8.8 13.2

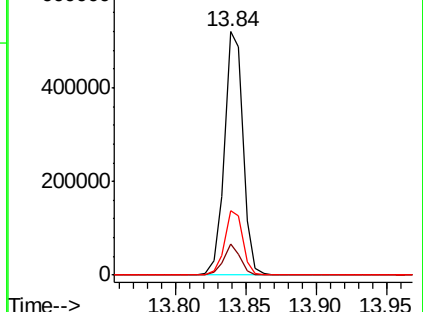
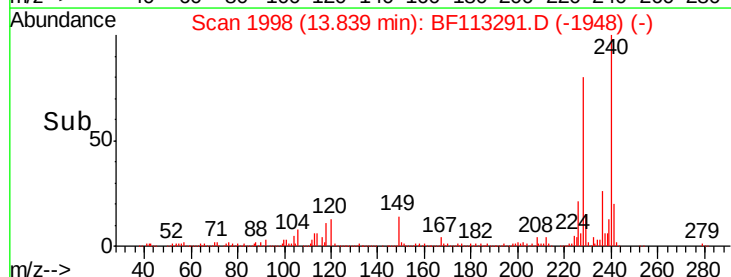
236 26.4 20.9 31.3

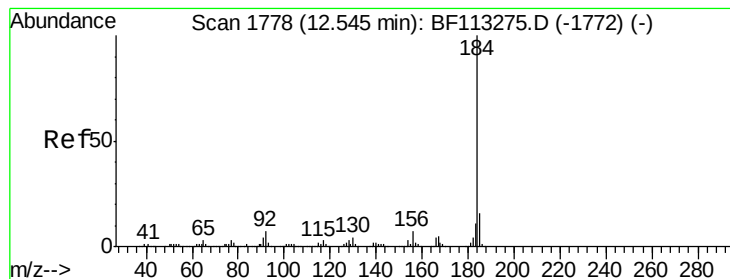


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.982 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

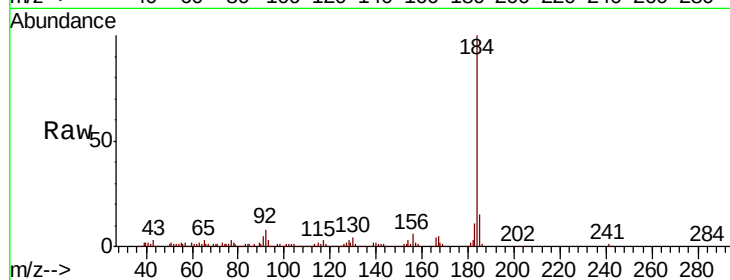
Tgt Ion:184 Resp: 418982

Ion Ratio Lower Upper

184 100

185 14.5 13.0 19.6

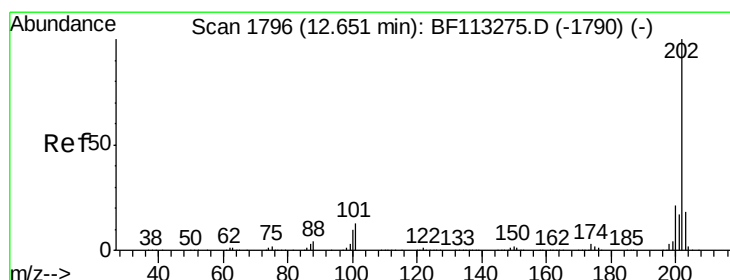
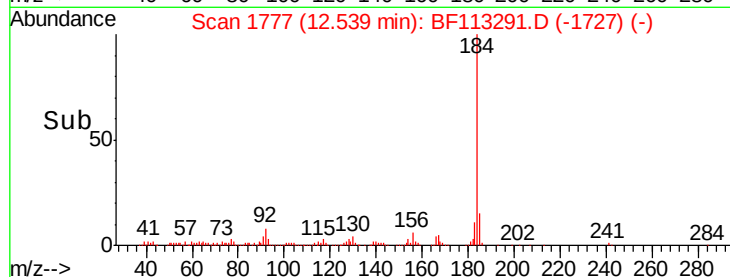
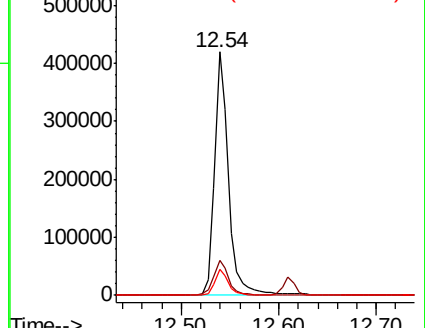
183 10.6 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.217 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

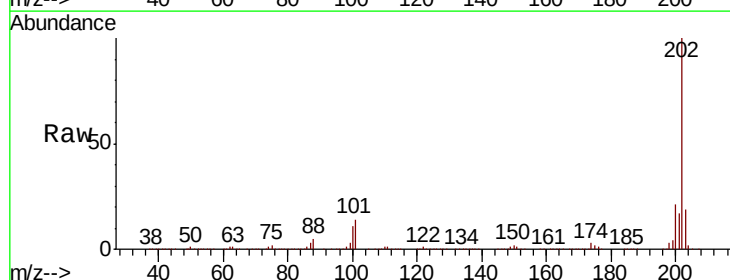
Tgt Ion:202 Resp: 1392729

Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

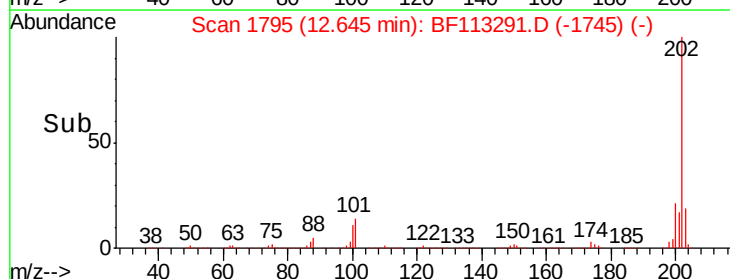
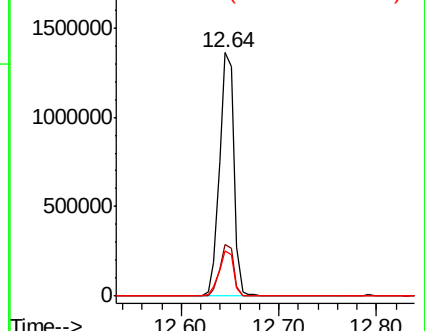
203 18.6 14.4 21.6

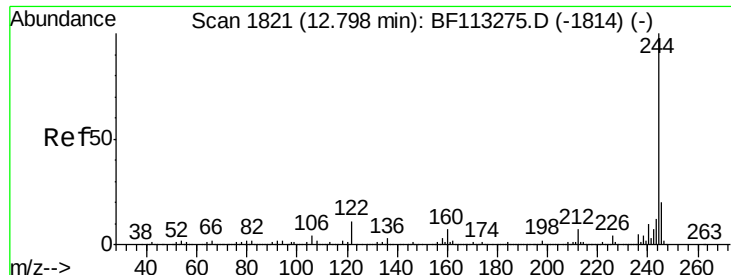


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.046 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

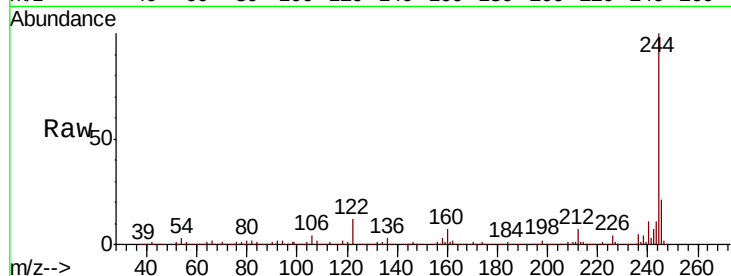
Tgt Ion:244 Resp: 1966469

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

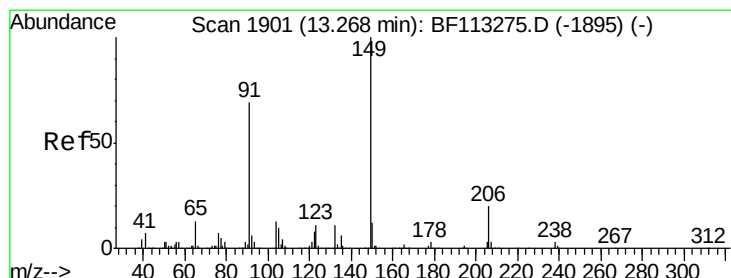
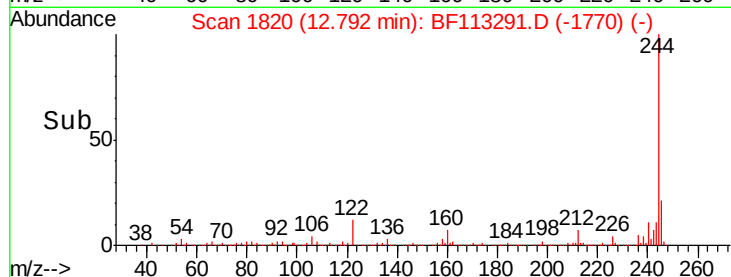
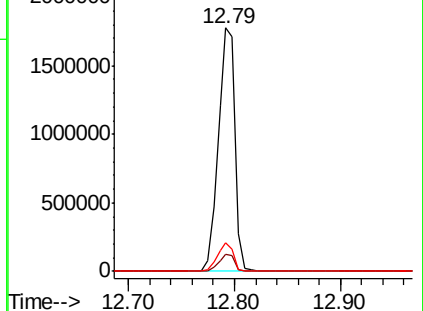
122 11.6 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.204 ng

RT: 13.27 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

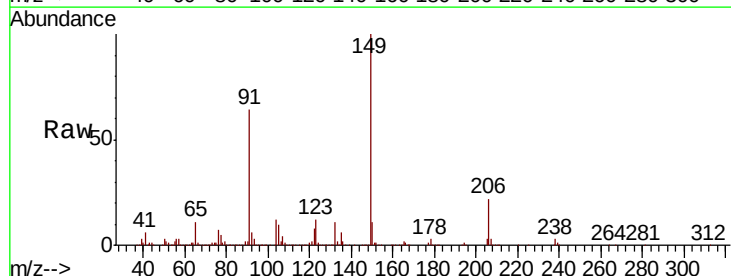
Tgt Ion:149 Resp: 613611

Ion Ratio Lower Upper

149 100

91 64.2 55.2 82.8

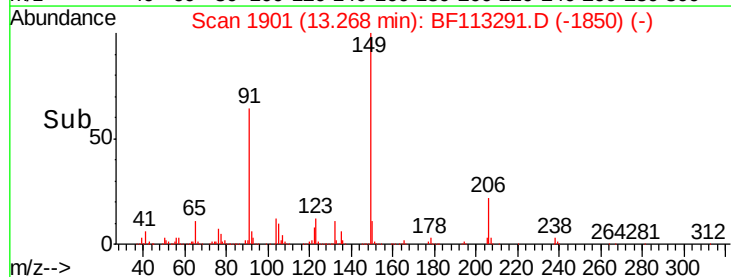
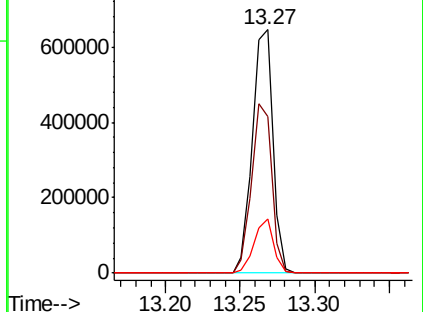
206 22.0 16.1 24.1

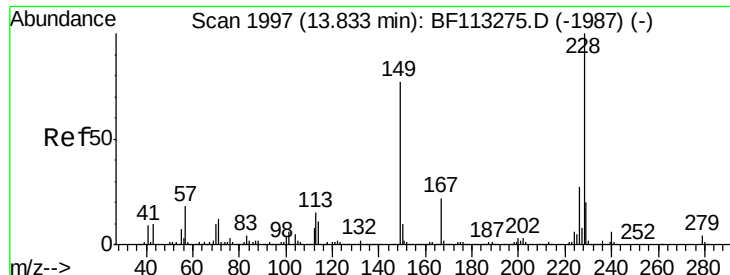


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.910 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

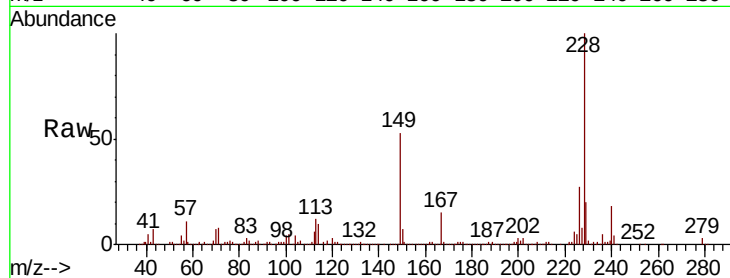
Tgt Ion:228 Resp: 1060330

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 20.1 16.2 24.4

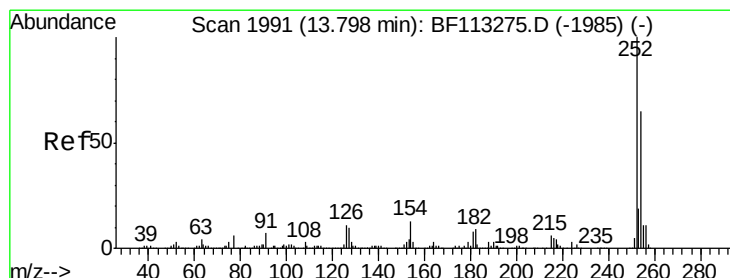
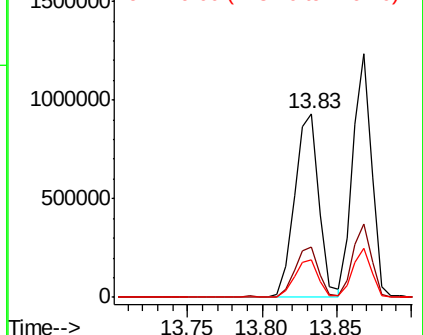
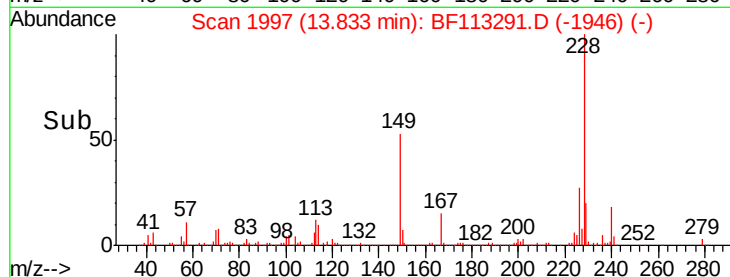


Abundance

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: 28.624 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

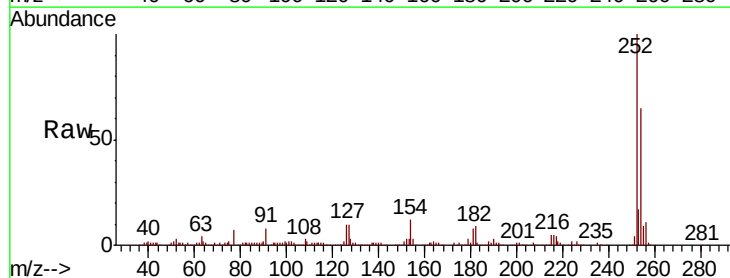
Tgt Ion:252 Resp: 312932

Ion Ratio Lower Upper

252 100

254 65.1 52.2 78.2

126 10.4 8.5 12.7

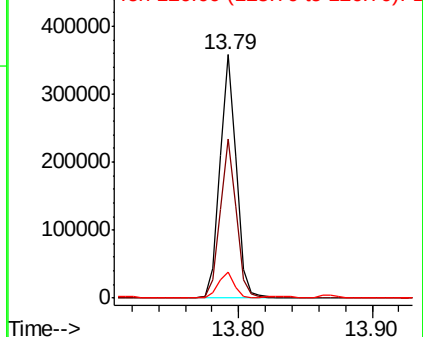
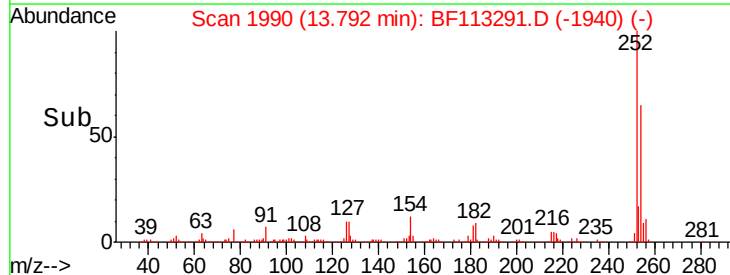


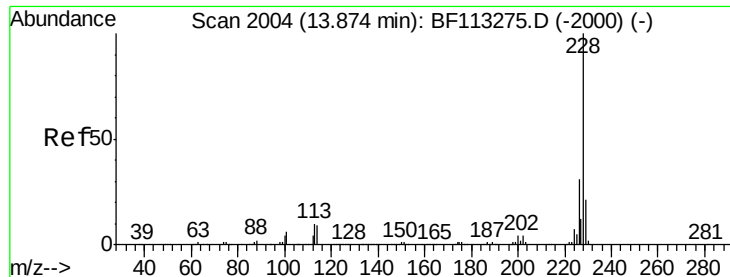
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.421 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

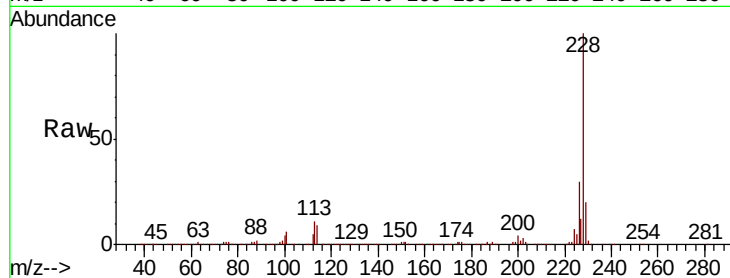
Tgt Ion:228 Resp: 1091156

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 19.9 16.3 24.5

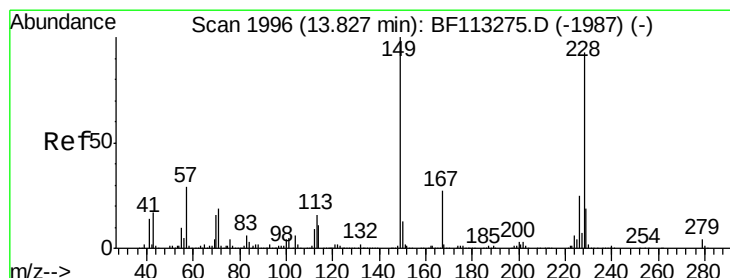
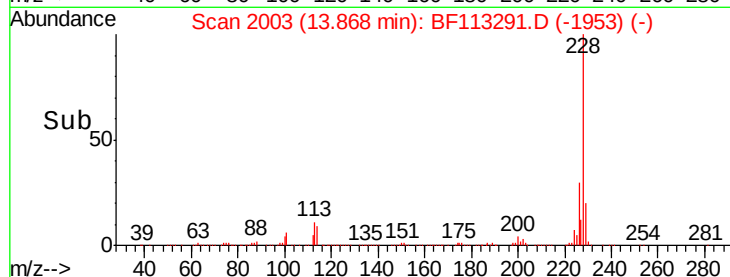
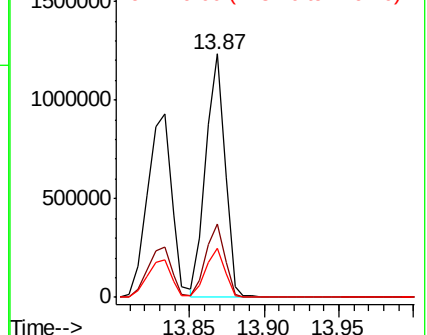


Abundance

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: 41.747 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

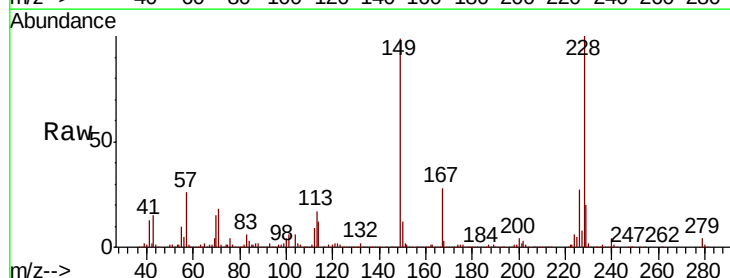
Tgt Ion:149 Resp: 744078

Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.8

279 4.2 2.9 4.3

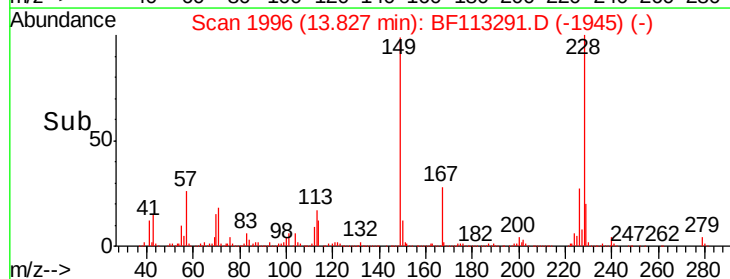
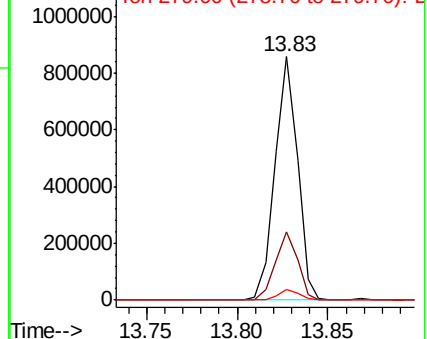


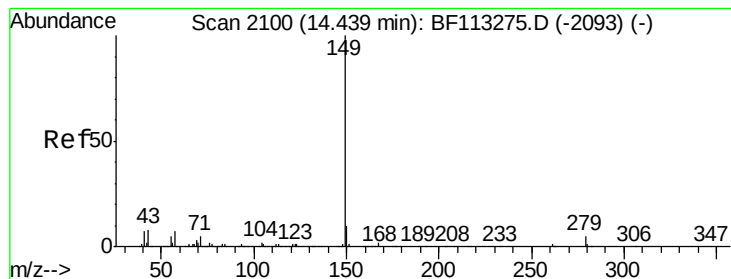
Abundance

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: 43.341 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

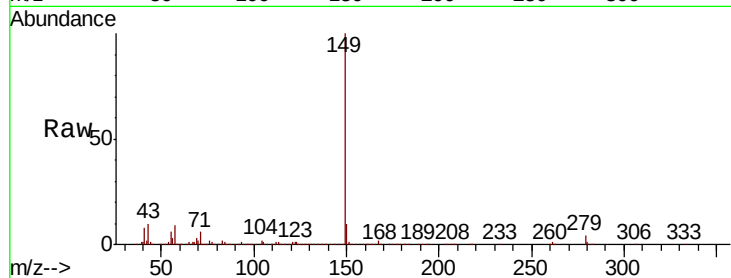
Tgt Ion:149 Resp: 1311251

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

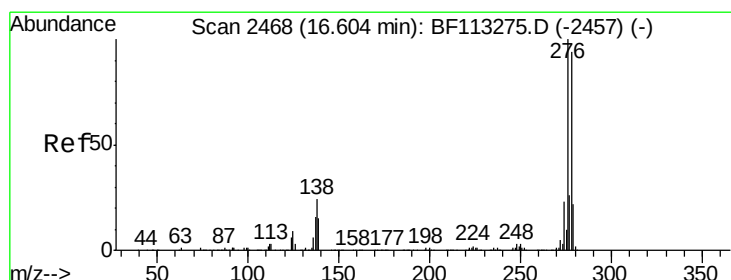
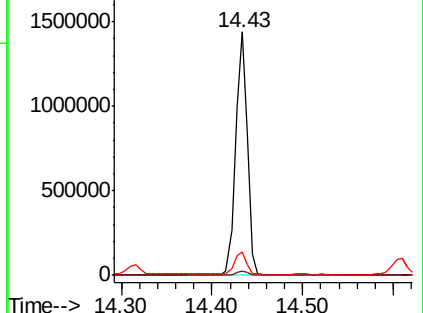
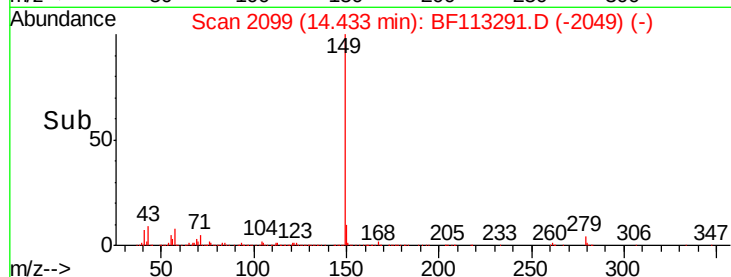
43 9.7 7.7 11.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.269 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

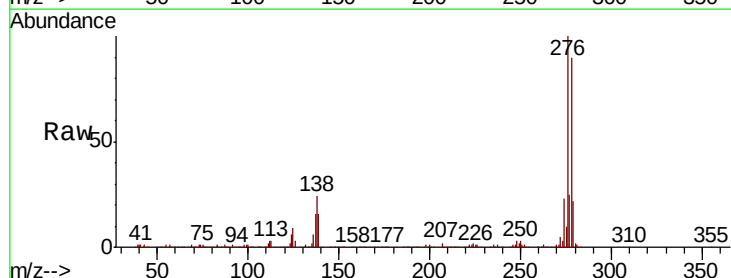
Tgt Ion:276 Resp: 1146651

Ion Ratio Lower Upper

276 100

138 23.9 18.1 27.1

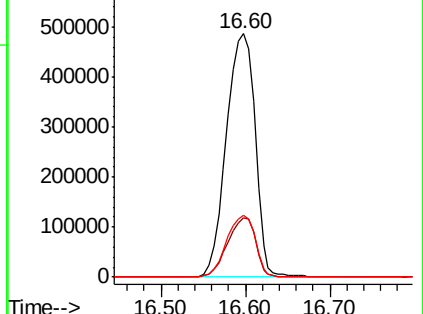
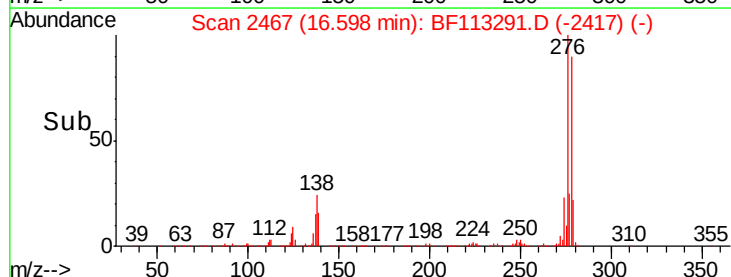
277 25.1 20.2 30.4

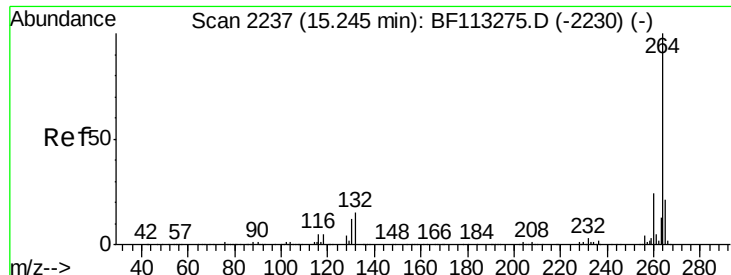


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

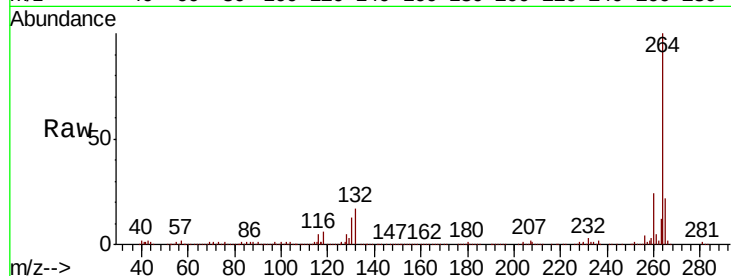
Tgt Ion:264 Resp: 453451

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

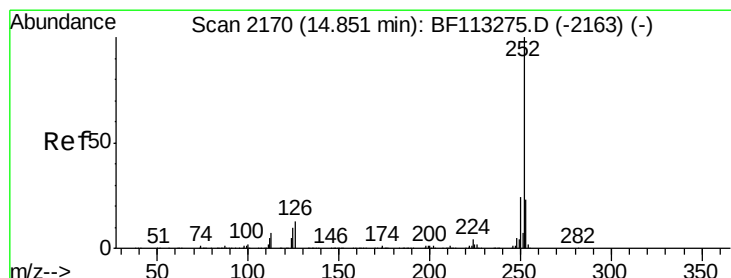
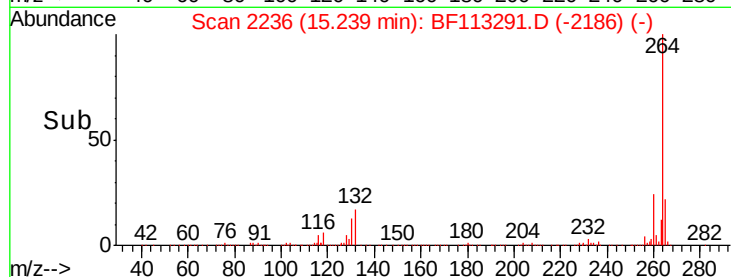
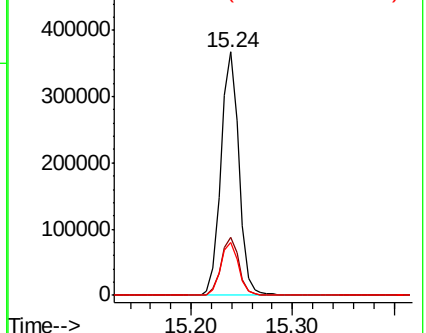
265 21.7 17.1 25.7



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: 36.559 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

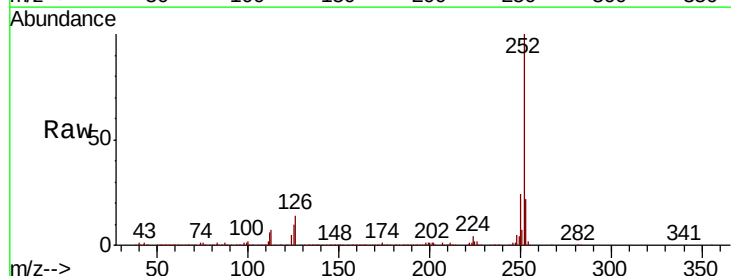
Tgt Ion:252 Resp: 1029795

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

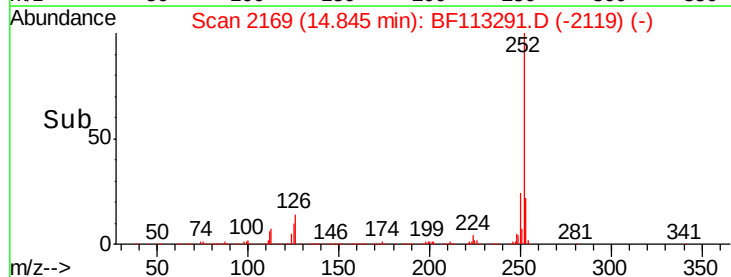
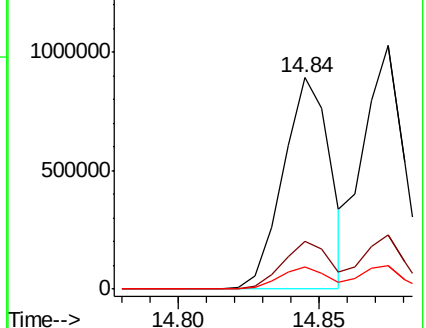
125 10.4 7.6 11.4

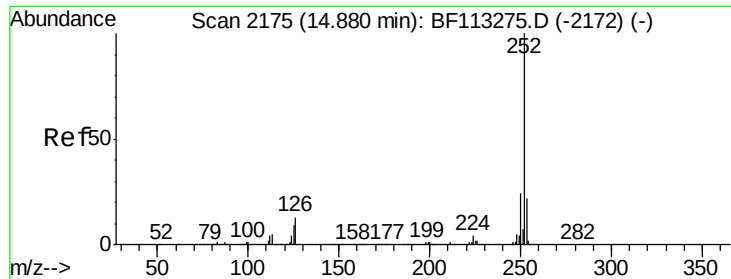


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

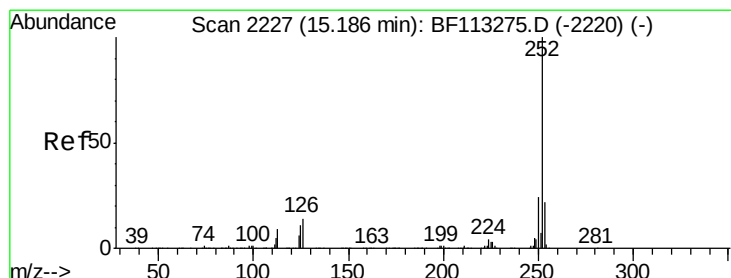
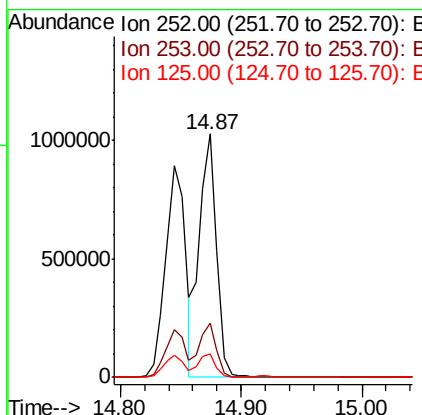
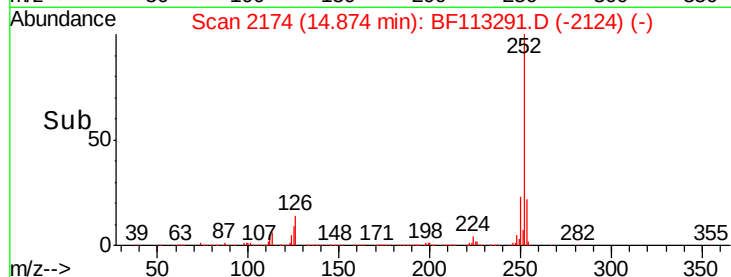
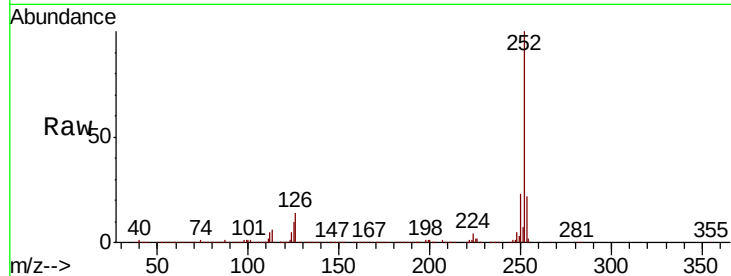




#89
Benzo(k)fluoranthene
Concen: 41.143 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

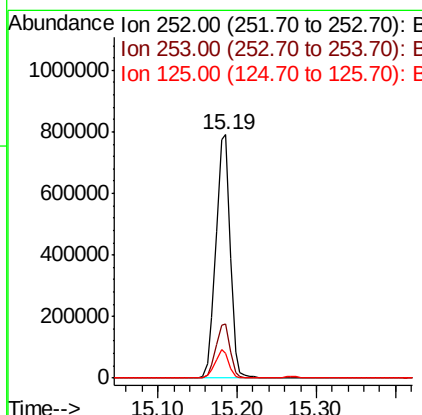
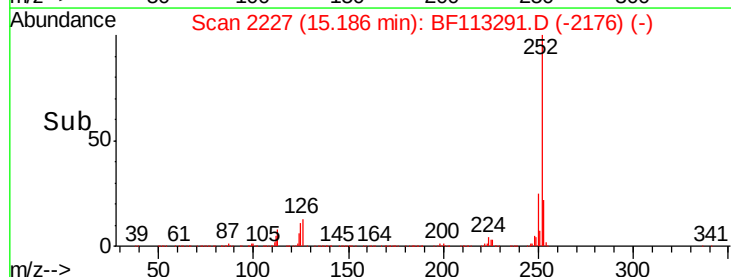
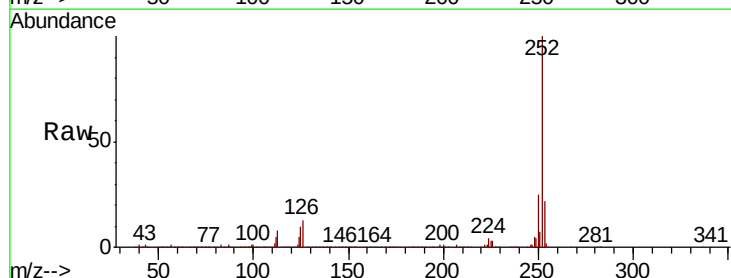
Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMS

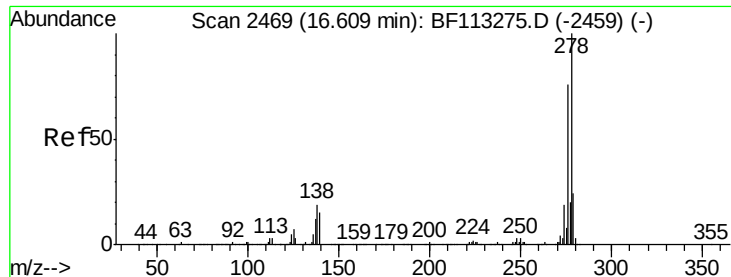
Tgt Ion:252 Resp: 1017744
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.6 7.3 10.9



#90
Benzo(a)pyrene
Concen: 39.822 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF113291.D
Acq: 26 Mar 2019 14:53

Tgt Ion:252 Resp: 994443
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 10.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 44.093 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMS

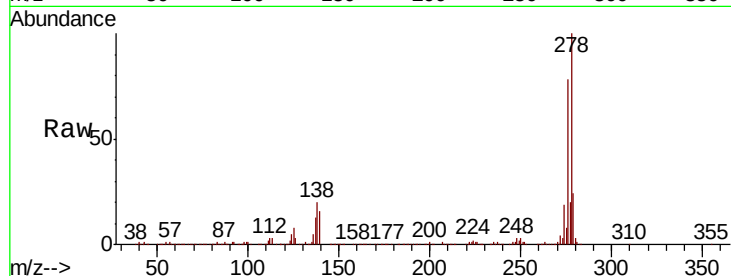
Tgt Ion:278 Resp: 952073

Ion Ratio Lower Upper

278 100

139 15.7 12.0 18.0

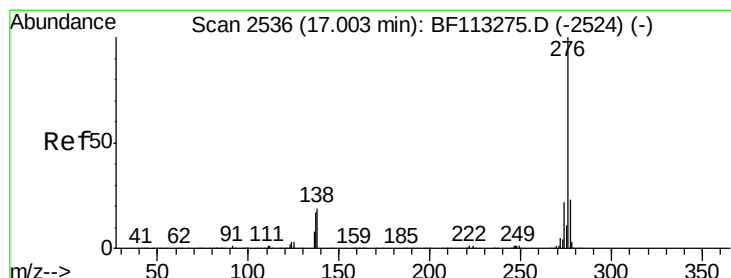
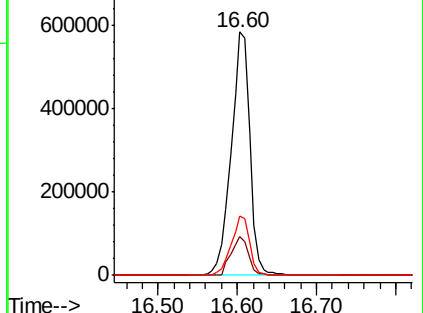
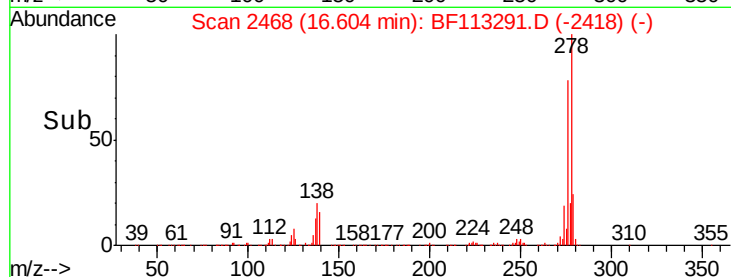
279 24.2 19.0 28.6



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: 43.523 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF113291.D

Acq: 26 Mar 2019 14:53

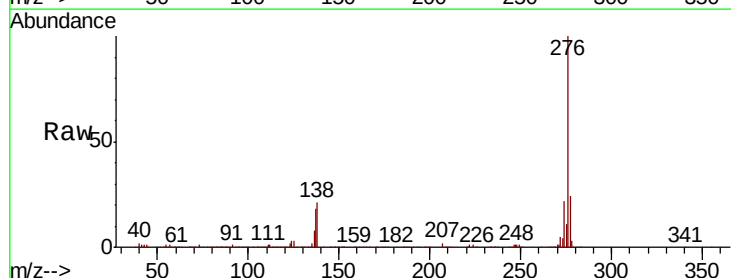
Tgt Ion:276 Resp: 947563

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 20.8 15.6 23.4



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

