

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
 Data File : BF086293.D
 Acq On : 18 Apr 2016 20:34
 Operator : UM/SJ
 Sample : H2413-11MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

Quant Time: Apr 19 00:54:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	307276	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1210587	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	478466	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	731390	20.00	ng	0.00
75) Chrysene-d12	14.05	240	421760	20.00	ng	0.00
86) Perylene-d12	15.48	264	406730	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	2221543	118.46	ng	0.02
7) Phenol-d6	6.52	99	2798250	119.29	ng	0.00
23) Nitrobenzene-d5	7.46	82	1793735	85.46	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	437366	113.84	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2140732	82.56	ng	-0.01
78) Terphenyl-d14	13.00	244	1516488	90.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	367592	35.54	ng	97
3) Pyridine	3.33	79	996119	36.93	ng	96
4) n-Nitrosodimethylamine	3.28	42	468012	48.03	ng	# 73
6) Aniline	6.56	93	666738	19.72	ng	96
8) 2-Chlorophenol	6.68	128	870677	41.04	ng	# 79
9) Benzaldehyde	6.43	77	304387	18.29	ng	92
10) Phenol	6.54	94	1123410	40.22	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	937568	44.61	ng	# 83
12) 1,3-Dichlorobenzene	6.83	146	868609	38.58	ng	98
13) 1,4-Dichlorobenzene	6.91	146	932344	43.48	ng	98
14) 1,2-Dichlorobenzene	6.91	146	932344	48.98	ng	98
15) Benzyl Alcohol	7.04	79	737909	44.34	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1317161	40.22	ng	99
17) 2-Methylphenol	7.15	107	815770	46.15	ng	96
18) Hexachloroethane	7.40	117	289096	35.74	ng	# 86
19) n-Nitroso-di-n-propylamine	7.31	70	555698	37.02	ng	# 85
20) 3+4-Methylphenols	7.30	107	737069	37.22	ng	# 86
22) Acetophenone	7.31	105	1104027	50.09	ng	# 97
24) Nitrobenzene	7.48	77	1016185	44.28	ng	88
25) Isophorone	7.72	82	1853781	44.51	ng	97
26) 2-Nitrophenol	7.79	139	398598	39.84	ng	88
27) 2,4-Dimethylphenol	7.84	122	894730	44.28	ng	100
28) bis(2-Chloroethoxy)methane	7.93	93	1069442	43.68	ng	100
29) 2,4-Dichlorophenol	8.03	162	669363	43.57	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	711080	44.23	ng	99
31) Naphthalene	8.20	128	2382339	44.07	ng	100
32) Benzoic acid	7.90	122	118814	9.20	ng	93
33) 4-Chloroaniline	8.25	127	359830	14.89	ng	# 93
34) Hexachlorobutadiene	8.32	225	334405	41.52	ng	98
35) Caprolactam	8.62	113	266700	47.95	ng	86
36) 4-Chloro-3-methylphenol	8.73	107	775941	43.59	ng	93
37) 2-Methylnaphthalene	8.89	142	1449944	41.48	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	564280	58.24	ng	98
40) Hexachlorocyclopentadiene	9.05	237	212993	37.76	ng	98

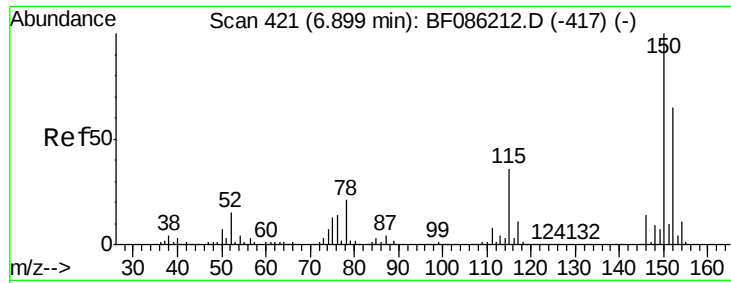
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	447931	47.52	ng	99
43) 2,4,5-Trichlorophenol	9.21	196	413122	45.37	ng #	87
45) 1,1'-Biphenyl	9.36	154	1572687	45.66	ng	99
46) 2-Chloronaphthalene	9.38	162	1226748	43.62	ng	98
47) 2-Nitroaniline	9.47	65	456095	50.07	ng	94
48) Acenaphthylene	9.79	152	1981342	44.28	ng	99
49) Dimethylphthalate	9.66	163	1879899	54.04	ng	98
50) 2,6-Dinitrotoluene	9.72	165	338355	43.95	ng #	81
51) Acenaphthene	9.96	154	1167499	43.68	ng	100
52) 3-Nitroaniline	9.88	138	323202	34.55	ng	94
53) 2,4-Dinitrophenol	9.98	184	50941	21.22	ng #	76
54) Dibenzofuran	10.13	168	1627165	46.09	ng	92
55) 4-Nitrophenol	10.04	139	524455	71.67	ng	91
56) 2,4-Dinitrotoluene	10.12	165	424935	43.12	ng #	85
57) Fluorene	10.48	166	1012217	41.69	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	304857	46.10	ng #	94
59) Diethylphthalate	10.36	149	1607177	44.76	ng	98
60) 4-Chlorophenyl-phenylether	10.48	204	515647	53.46	ng	91
61) 4-Nitroaniline	10.50	138	394415	48.79	ng	82
62) Azobenzene	10.64	77	1650301	46.97	ng	90
64) 4,6-Dinitro-2-methylphenol	10.52	198	54349	15.61	ng #	71
65) n-Nitrosodiphenylamine	10.59	169	1082790	48.34	ng	100
66) 4-Bromophenyl-phenylether	10.97	248	325125	47.70	ng #	88
67) Hexachlorobenzene	11.02	284	318049	44.53	ng	96
68) Atrazine	11.12	200	276752	40.32	ng	98
69) Pentachlorophenol	11.22	266	332296	76.72	ng	98
70) Phenanthrene	11.44	178	1560693	44.68	ng	100
71) Anthracene	11.49	178	1719677	62.56	ng	98
72) Carbazole	11.64	167	1458281	43.89	ng	100
73) Di-n-butylphthalate	11.98	149	2102669	46.81	ng #	98
74) Fluoranthene	12.63	202	1632087	55.60	ng	98
76) Benzidine	12.74	184	679383	41.53	ng	97
77) Pyrene	12.85	202	1633038	50.47	ng	99
79) Butylbenzylphthalate	13.47	149	750929	50.24	ng #	77
80) Benzo(a)anthracene	14.04	228	1120460	48.39	ng	100
81) 3,3'-Dichlorobenzidine	14.00	252	347211	25.87	ng #	98
82) Chrysene	14.08	228	1181220	47.85	ng	100
83) Bis(2-ethylhexyl)phthalate	14.03	149	894636	55.43	ng #	97
84) Di-n-octyl phthalate	14.65	149	1811962	58.24	ng	99
85) Indeno(1,2,3-cd)pyrene	16.90	276	1058238	52.15	ng	97
87) Benzo(b)fluoranthene	15.07	252	2178549	86.82	ng	99
88) Benzo(k)fluoranthene	15.07	252	2178549	95.22	ng #	96
89) Benzo(a)pyrene	15.43	252	1034068	47.57	ng	100
90) Dibenzo(a,h)anthracene	16.92	278	869372	45.26	ng	99
91) Benzo(g,h,i)perylene	17.32	276	904882	44.30	ng #	94

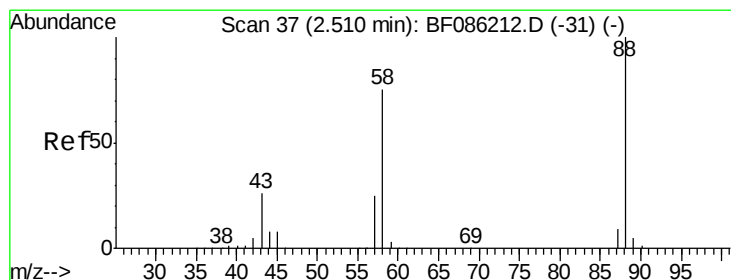
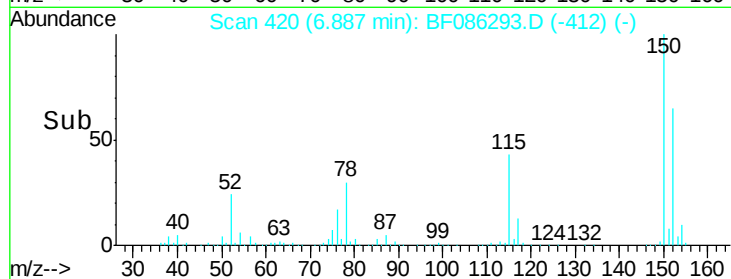
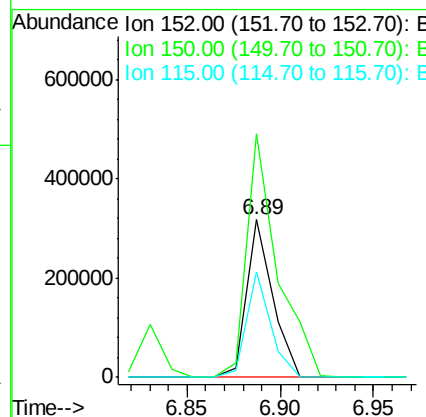
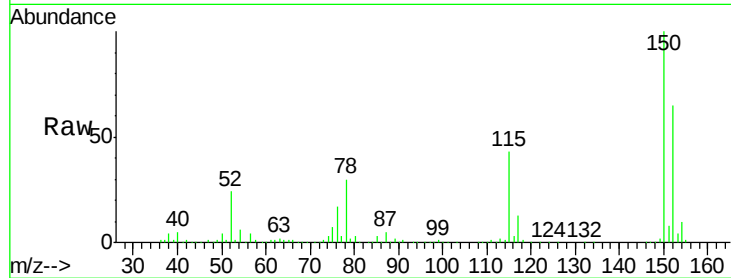
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

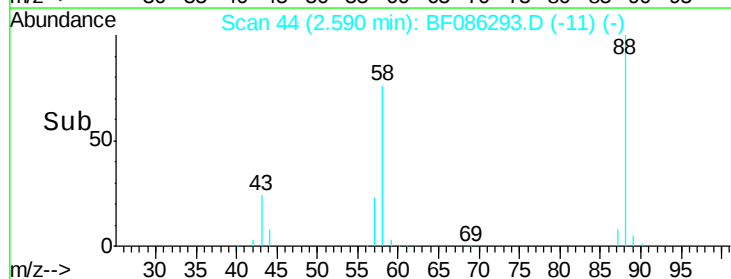
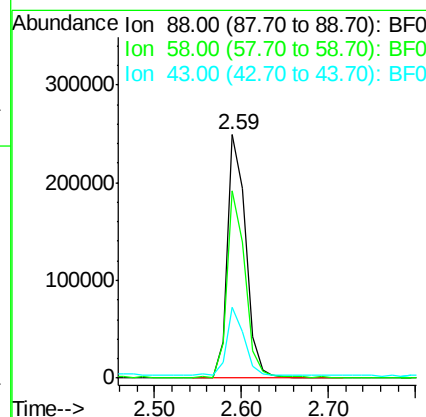
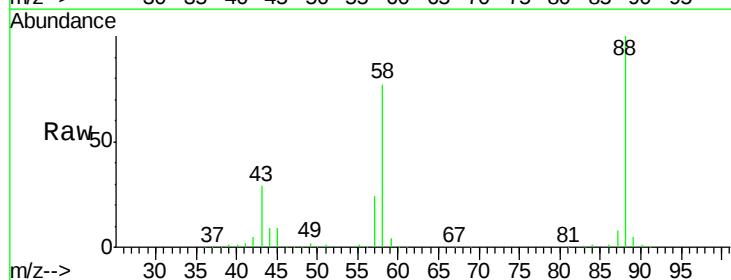
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

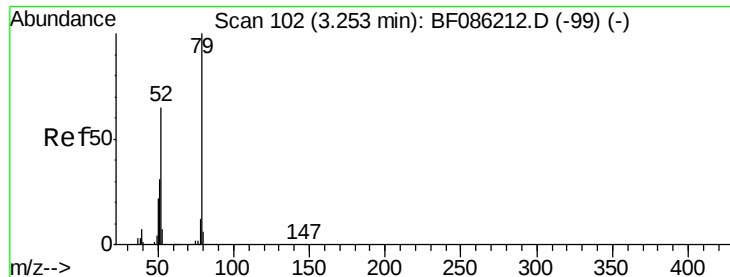
Tgt Ion: 152 Resp: 307276
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.1 186.1
 115 66.4 43.9 65.9#



#2
 1,4-Dioxane
 Concen: 35.54 ng
 RT: 2.59 min Scan# 44
 Delta R.T. 0.08 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion: 88 Resp: 367592
 Ion Ratio Lower Upper
 88 100
 58 75.5 58.4 87.6
 43 26.6 23.3 34.9





#3

Pyridine

Concen: 36.93 ng

RT: 3.33 min Scan# 109

Delta R.T. 0.08 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

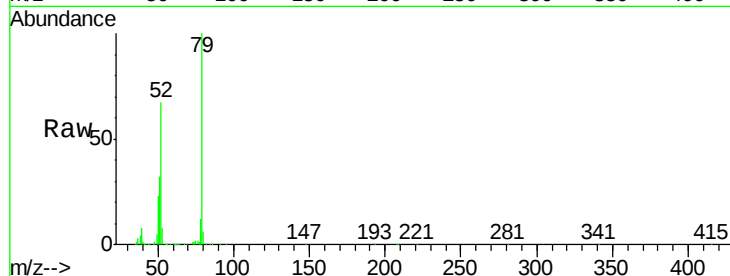
Tgt Ion: 79 Resp: 996119

Ion Ratio Lower Upper

79 100

52 67.0 55.4 83.2

51 32.0 28.1 42.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

3.33

400000

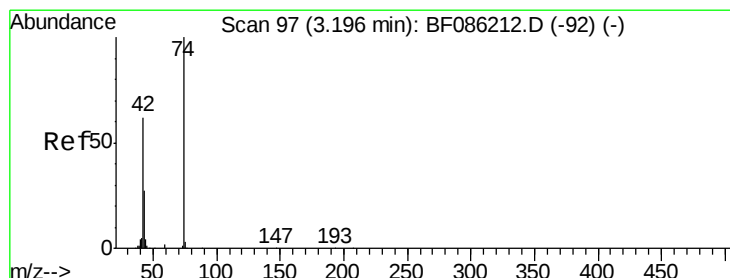
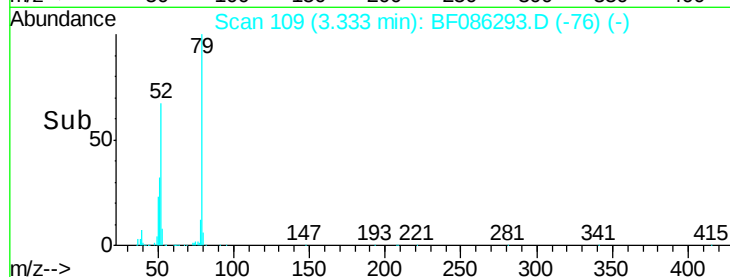
300000

200000

100000

0

Time-->



#4

n-Nitrosodimethylamine

Concen: 48.03 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.08 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

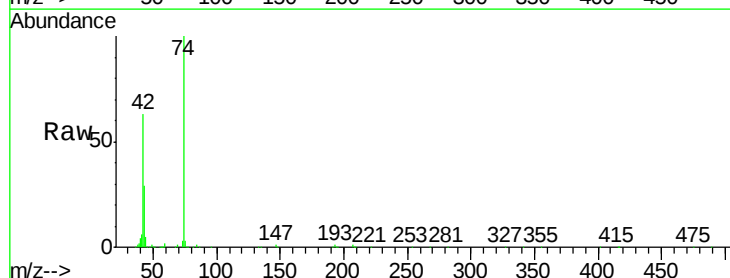
Tgt Ion: 42 Resp: 468012

Ion Ratio Lower Upper

42 100

74 158.2 100.5 150.7#

44 7.8 5.4 8.0



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

3.28

400000

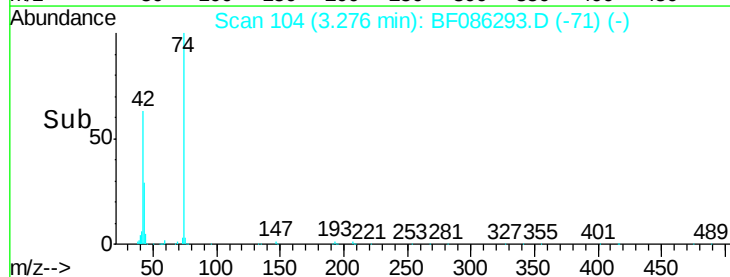
300000

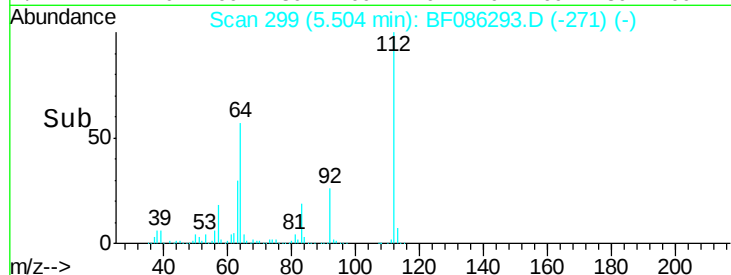
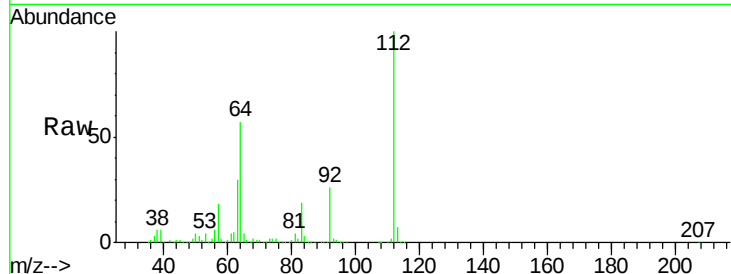
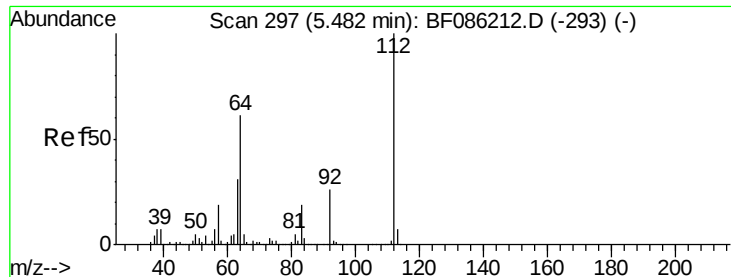
200000

100000

0

Time-->

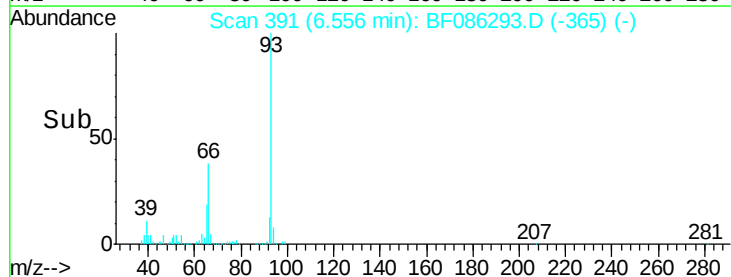
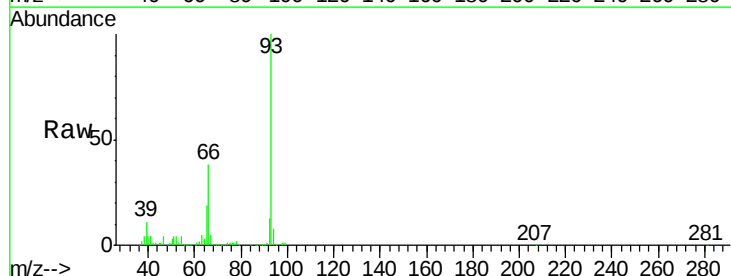
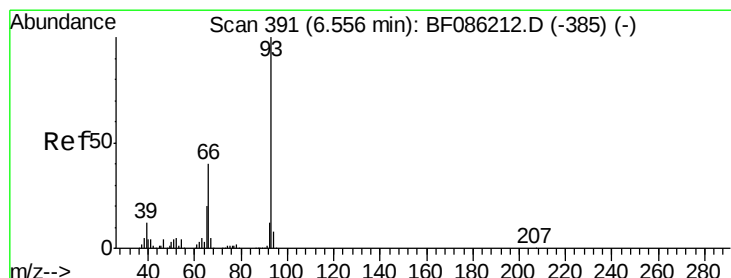
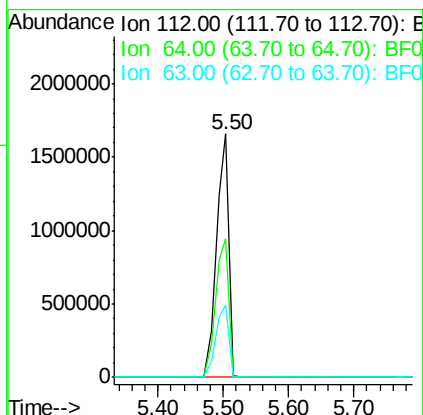




#5
2-Fluorophenol
Concen: 118.46 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.02 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

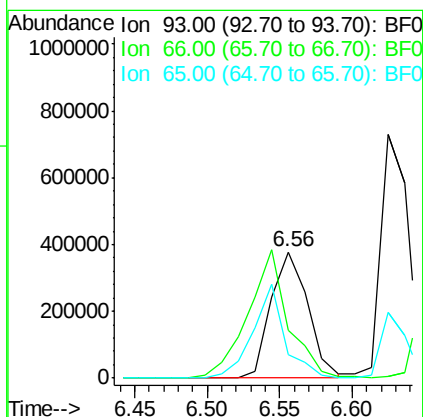
Instrument :
BNA_F
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SP-1-A(0-2)MS

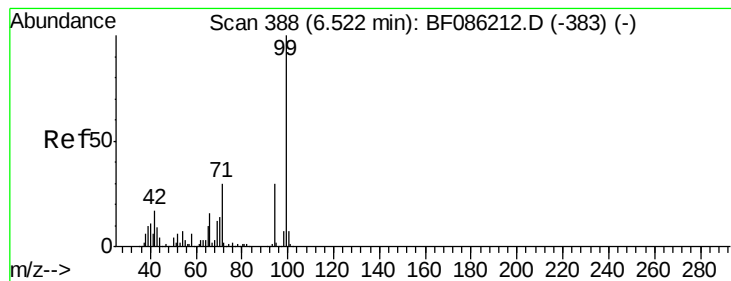
Tgt Ion: 112 Resp: 2221543
Ion Ratio Lower Upper
112 100
64 57.1 48.1 72.1
63 29.7 25.5 38.3



#6
Aniline
Concen: 19.72 ng
RT: 6.56 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Tgt Ion: 93 Resp: 666738
Ion Ratio Lower Upper
93 100
66 37.8 32.2 48.2
65 18.9 16.4 24.6





#7

Phenol-d6

Concen: 119.29 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

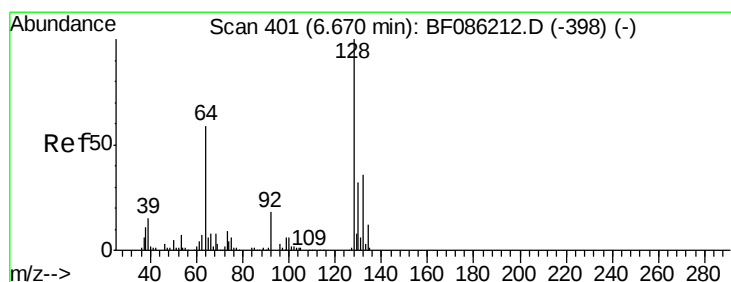
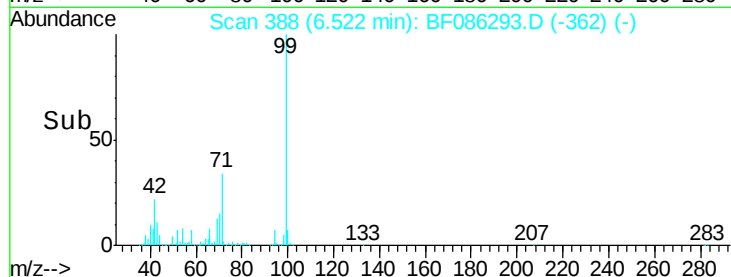
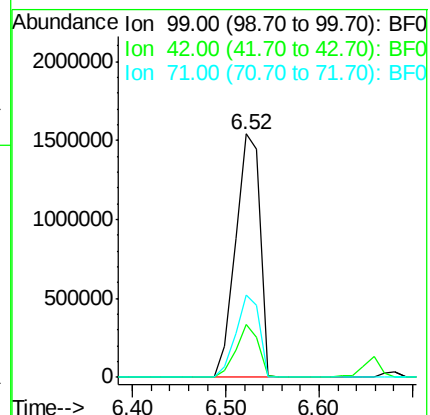
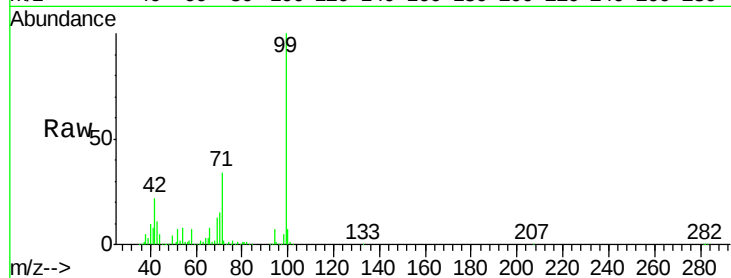
Tgt Ion: 99 Resp: 2798250

Ion Ratio Lower Upper

99 100

42 21.9 15.4 23.2

71 33.7 25.6 38.4



#8

2-Chlorophenol

Concen: 41.04 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

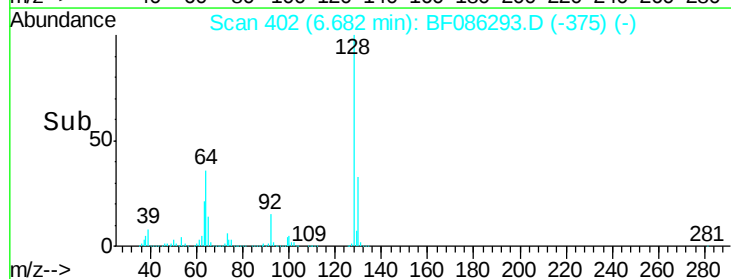
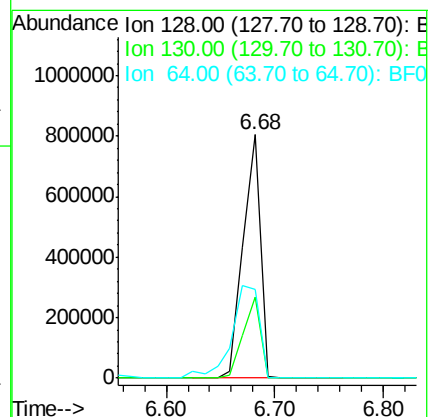
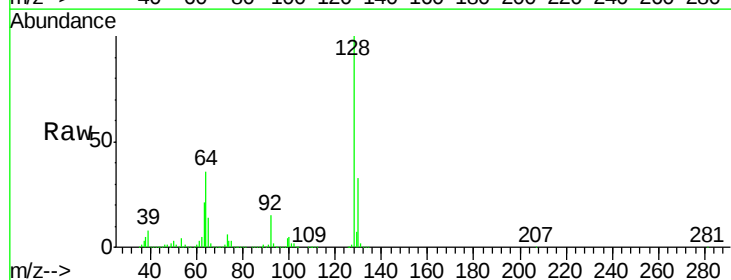
Tgt Ion: 128 Resp: 870677

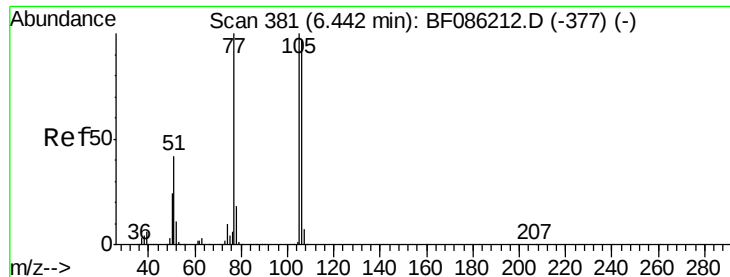
Ion Ratio Lower Upper

128 100

130 33.4 11.8 51.8

64 36.3 39.5 79.5#





#9

Benzaldehyde

Concen: 18.29 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

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ClientSampleId :

SP-1-A(0-2)MS

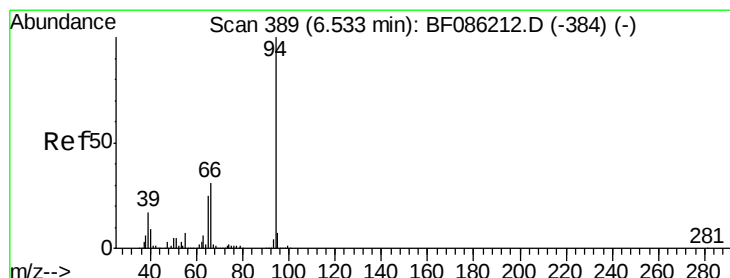
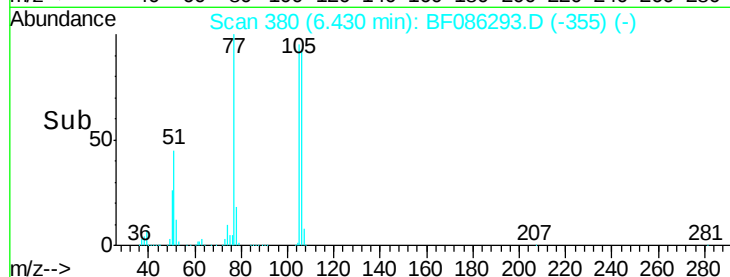
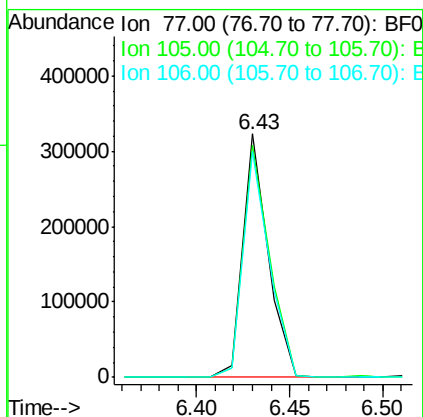
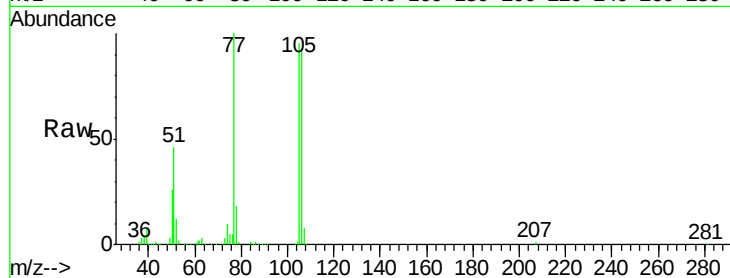
Tgt Ion: 77 Resp: 304387

Ion Ratio Lower Upper

77 100

105 95.2 84.6 124.6

106 92.7 78.6 118.6



#10

Phenol

Concen: 40.22 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

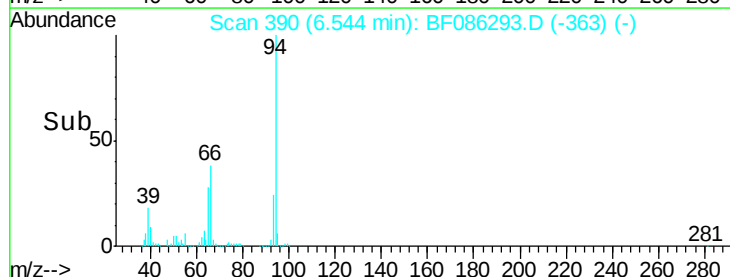
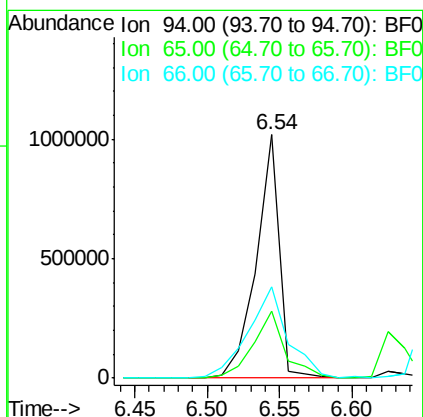
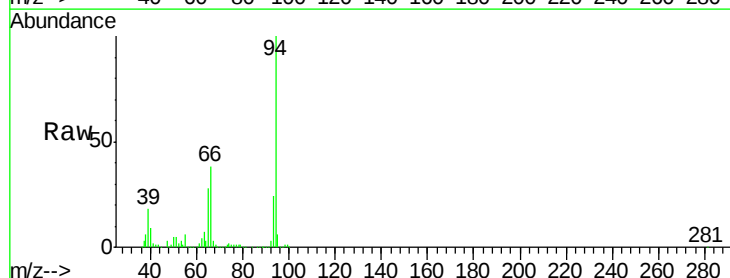
Tgt Ion: 94 Resp: 1123410

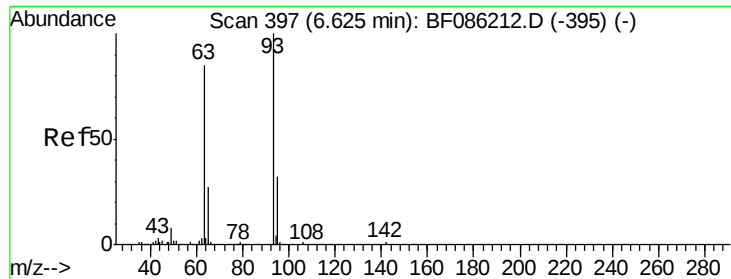
Ion Ratio Lower Upper

94 100

65 27.7 7.9 47.9

66 37.7 16.5 56.5

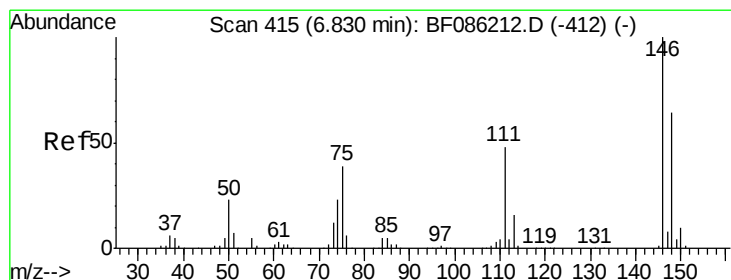
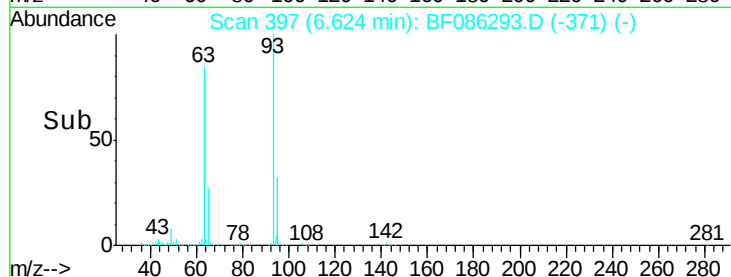
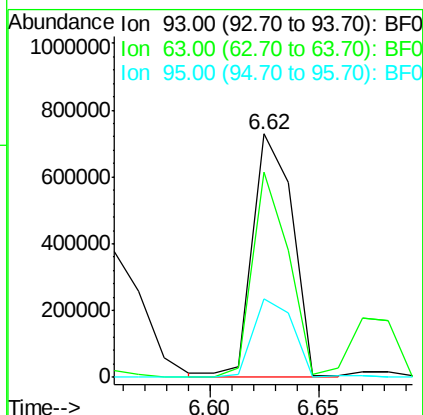
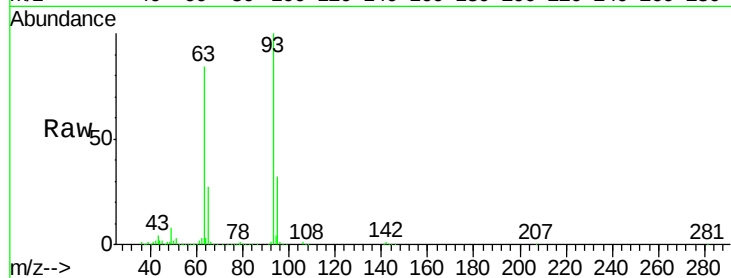




#11
bis(2-Chloroethyl)ether
Concen: 44.61 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

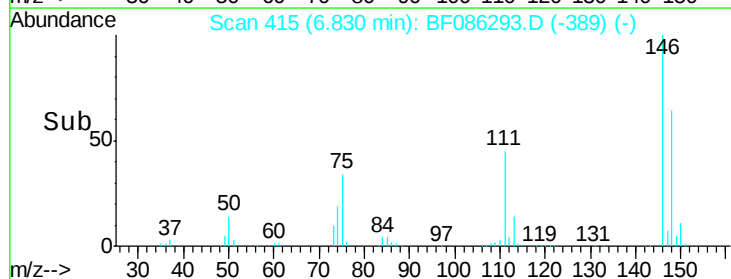
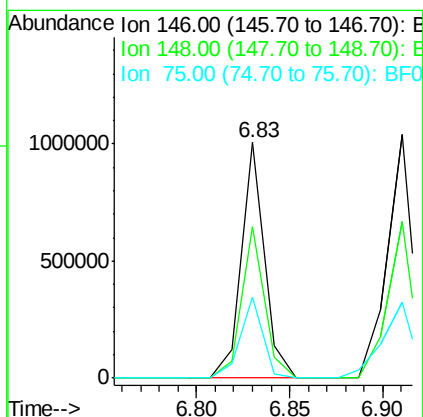
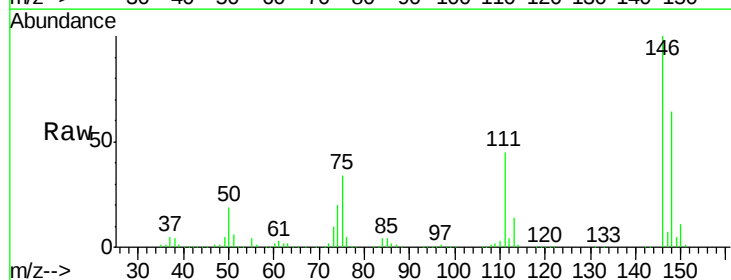
Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MS

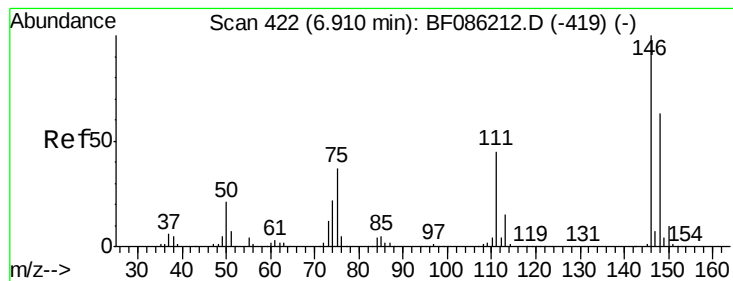
Tgt Ion: 93 Resp: 937568
Ion Ratio Lower Upper
93 100
63 84.5 44.4 84.4#
95 32.3 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 38.58 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Tgt Ion: 146 Resp: 868609
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
75 34.3 29.9 44.9





#13

1,4-Dichlorobenzene

Concen: 43.48 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

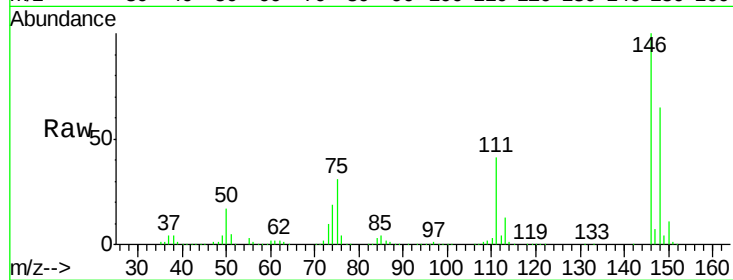
Tgt Ion:146 Resp: 932344

Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.6

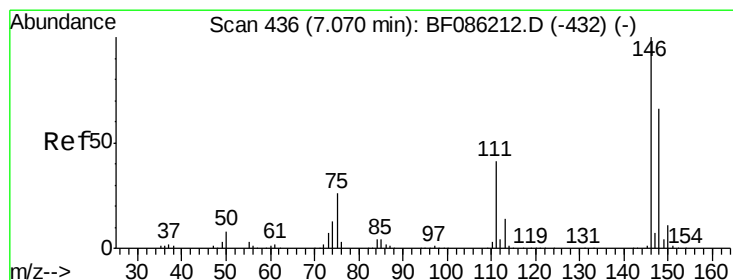
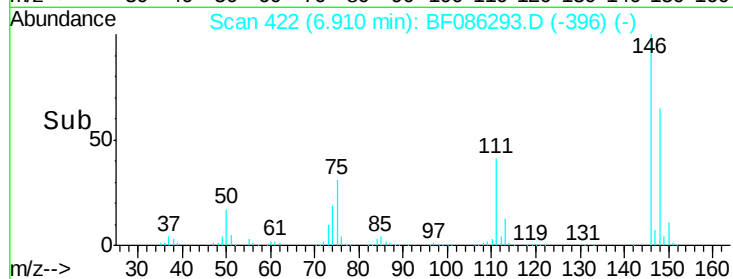
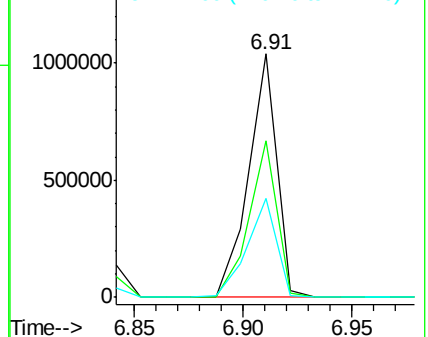
111 40.8 34.9 52.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.98 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.16 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

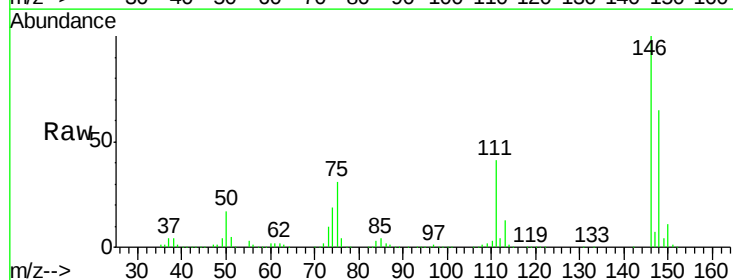
Tgt Ion:146 Resp: 932344

Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.2

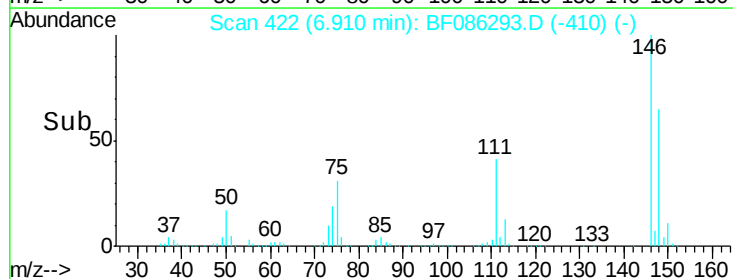
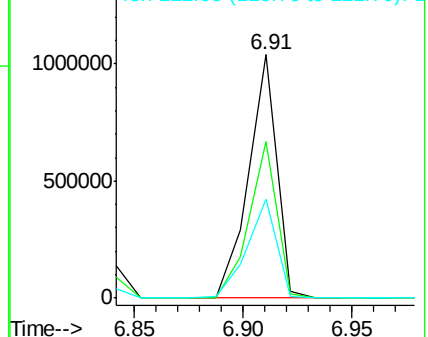
111 40.8 31.0 46.4

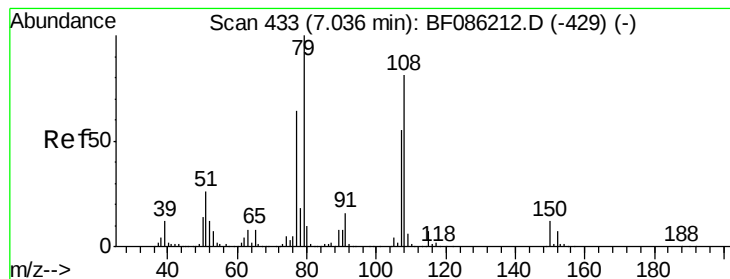


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.34 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

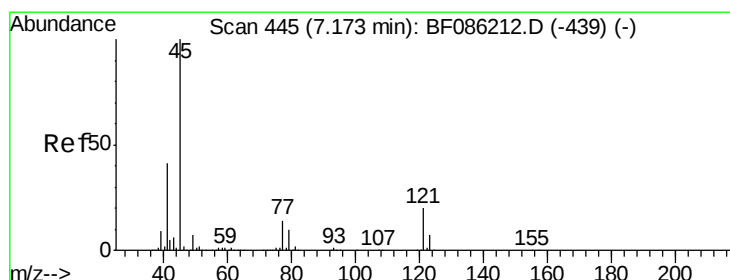
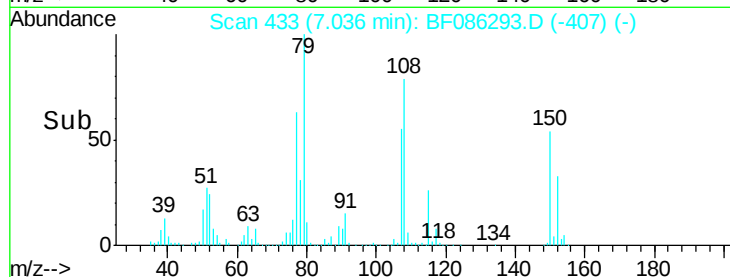
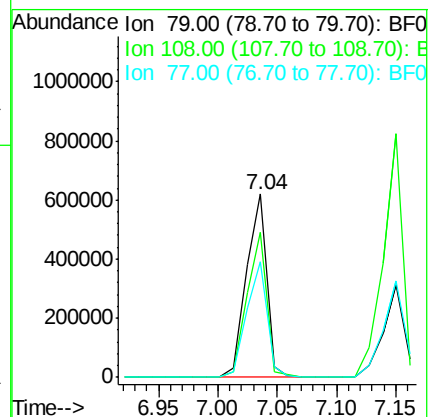
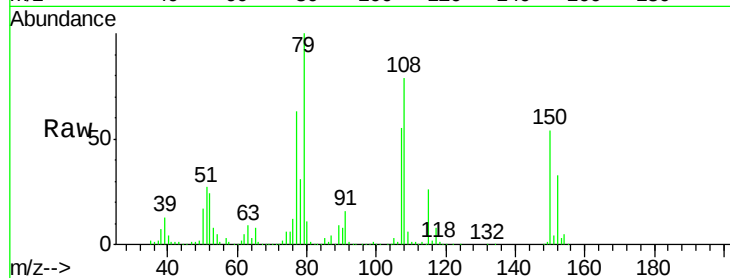
Tgt Ion: 79 Resp: 737909

Ion Ratio Lower Upper

79 100

108 79.2 64.8 97.2

77 62.8 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.22 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

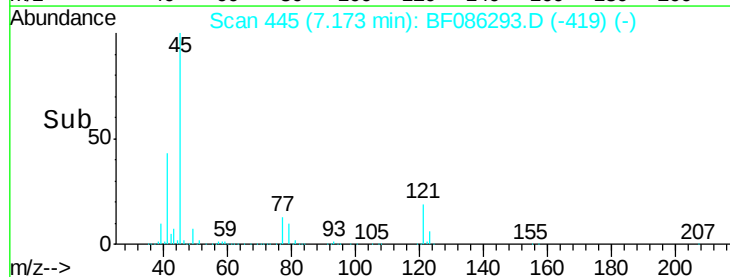
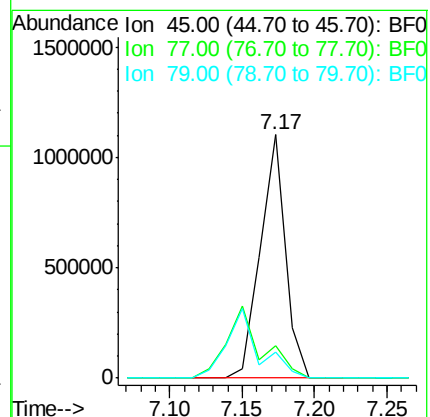
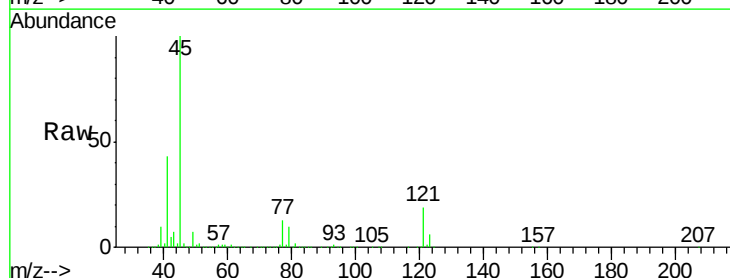
Tgt Ion: 45 Resp: 1317161

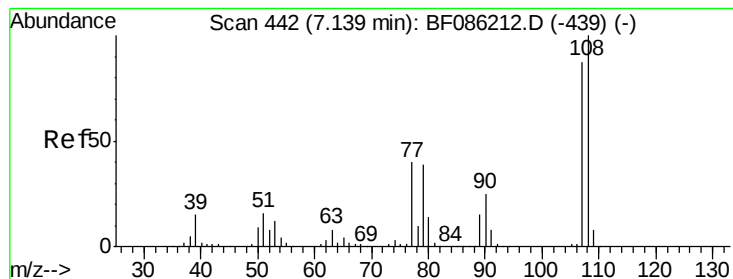
Ion Ratio Lower Upper

45 100

77 13.3 0.0 33.7

79 10.4 0.0 30.1

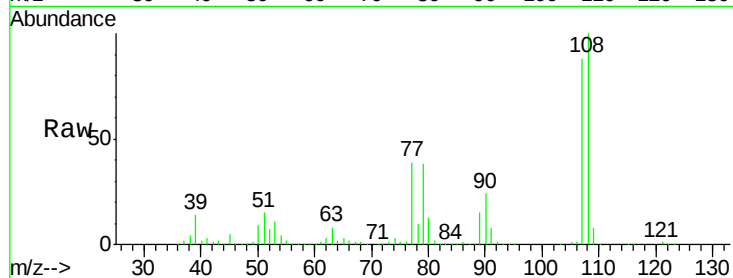




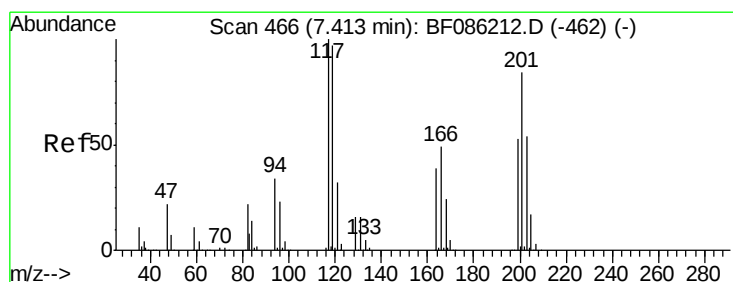
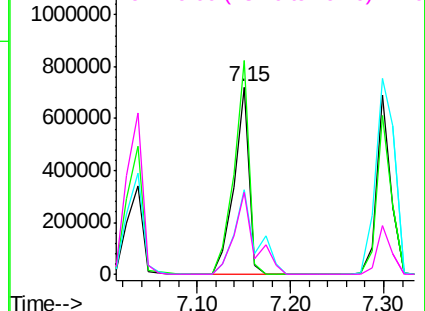
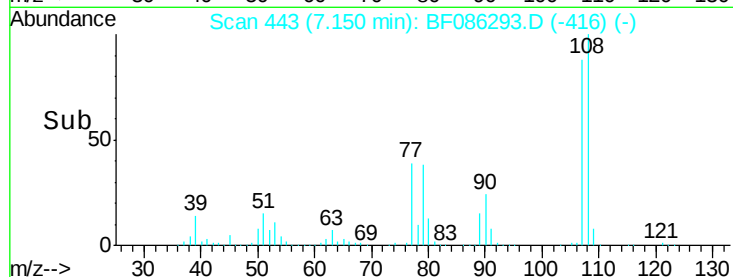
#17
 2-Methylphenol
 Concen: 46.15 ng
 RT: 7.15 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

Tgt Ion:107 Resp: 815770
 Ion Ratio Lower Upper
 107 100
 108 114.1 92.7 139.1
 77 44.9 39.6 59.4
 79 43.5 37.4 56.2

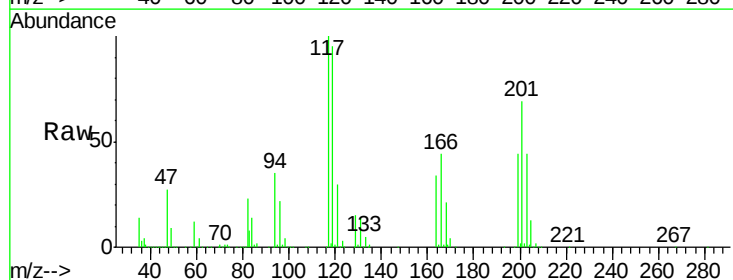


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

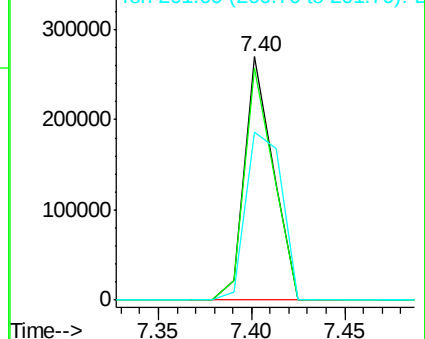
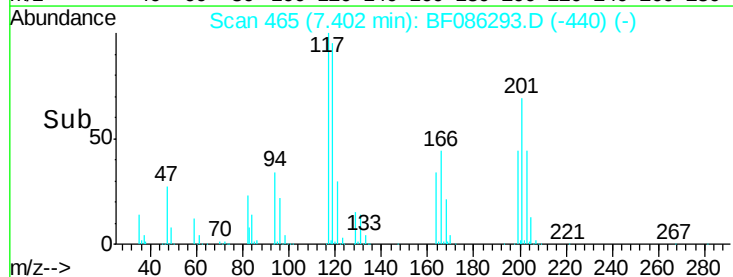


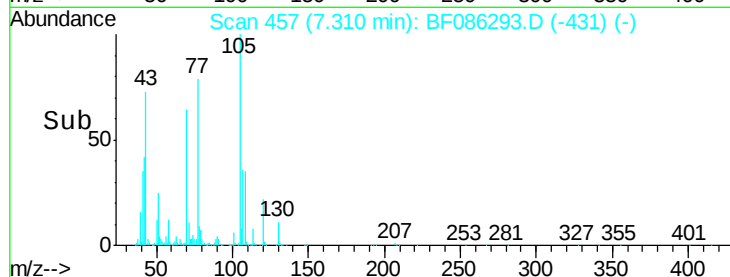
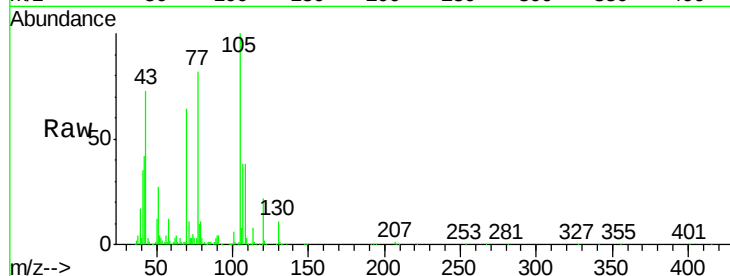
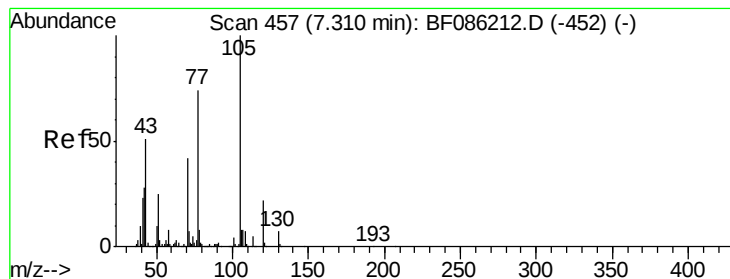
#18
 Hexachloroethane
 Concen: 35.74 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion:117 Resp: 289096
 Ion Ratio Lower Upper
 117 100
 119 95.1 78.2 117.4
 201 69.0 75.7 113.5#



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





#19

n-Nitroso-di-n-propylamine

Concen: 37.02 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

Tgt Ion: 70 Resp: 555698

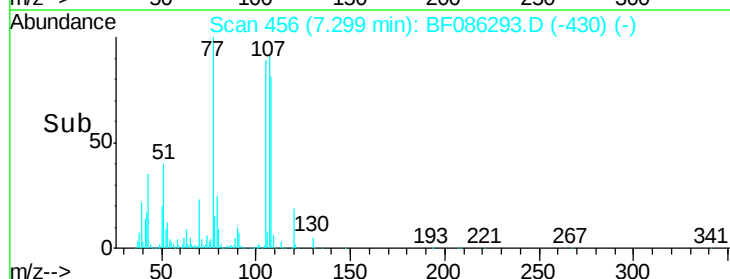
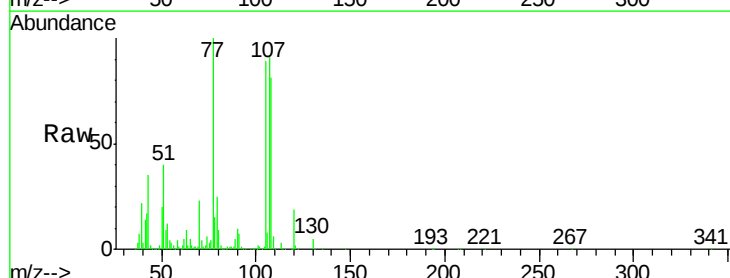
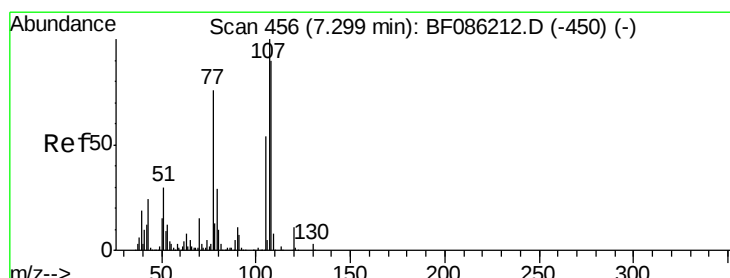
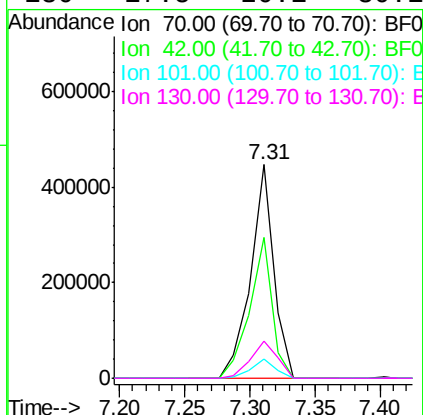
Ion Ratio Lower Upper

70 100

42 66.2 43.0 64.4#

101 8.8 8.1 12.1

130 17.5 20.1 30.1#



#20

3+4-Methylphenols

Concen: 37.22 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Tgt Ion: 107 Resp: 737069

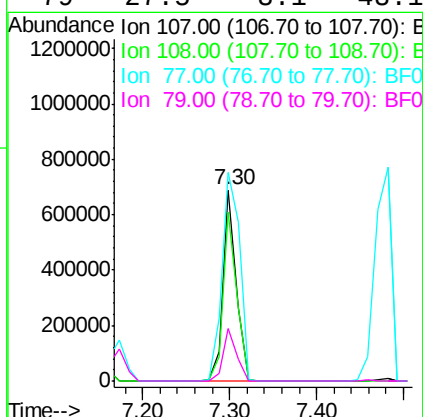
Ion Ratio Lower Upper

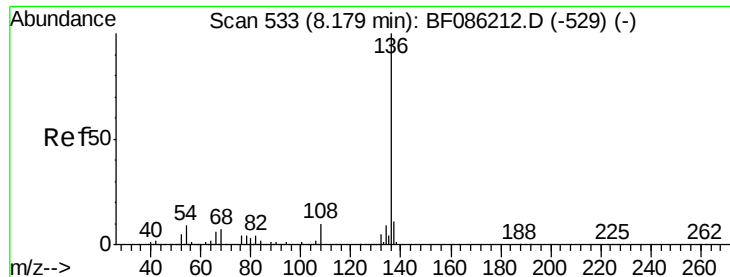
107 100

108 88.7 69.7 109.7

77 109.3 60.5 100.5#

79 27.5 8.1 48.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

Tgt Ion:136 Resp: 1210587

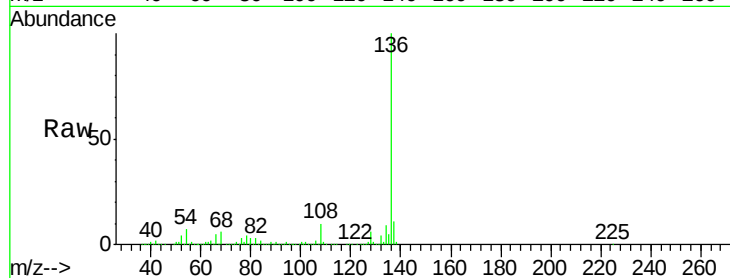
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.4 7.3 10.9

68 6.2 5.7 8.5

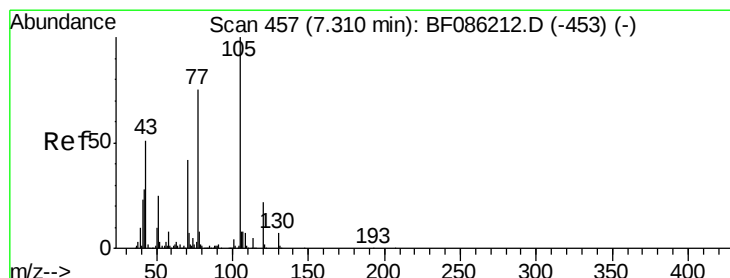
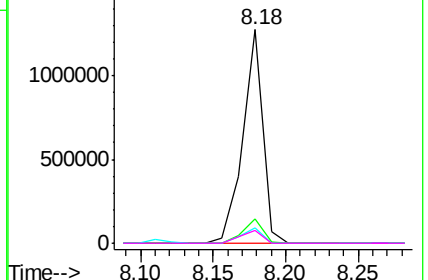
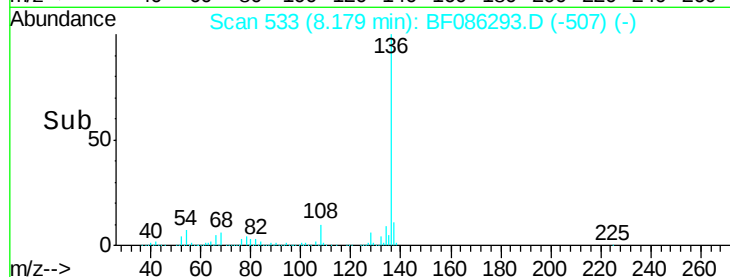


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 50.09 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Tgt Ion:105 Resp: 1104027

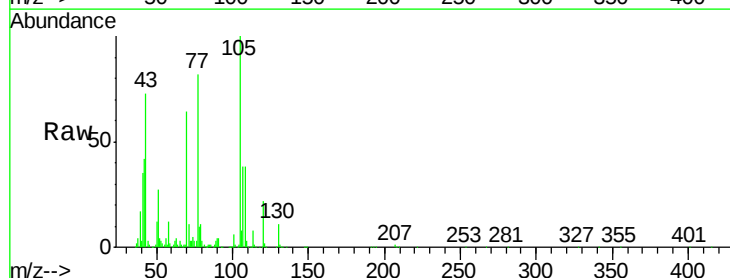
Ion Ratio Lower Upper

105 100

71 10.7 4.0 6.0#

51 26.5 22.0 33.0

120 21.9 17.5 26.3

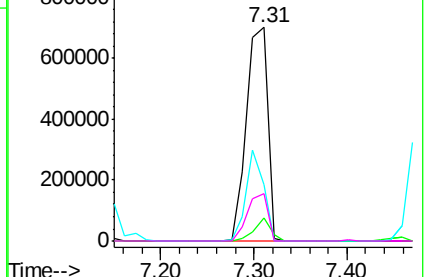
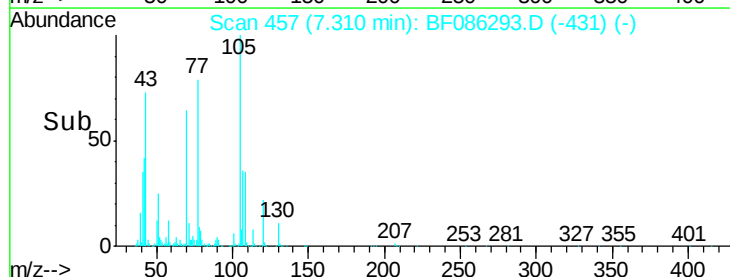


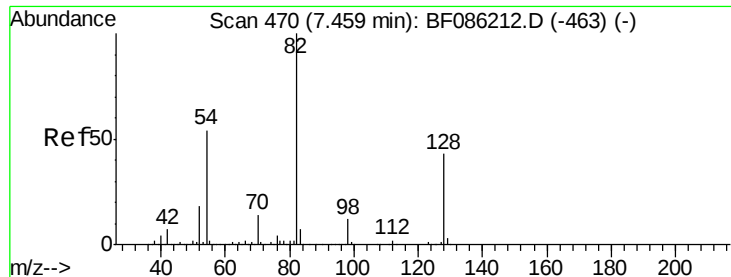
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

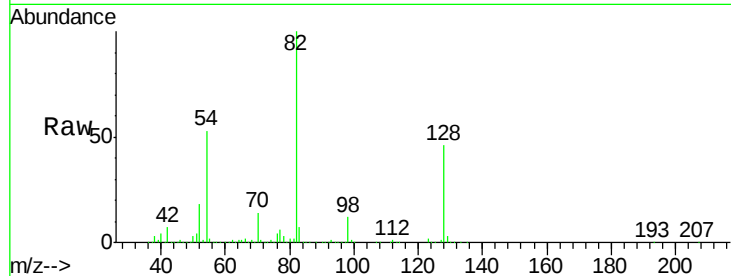




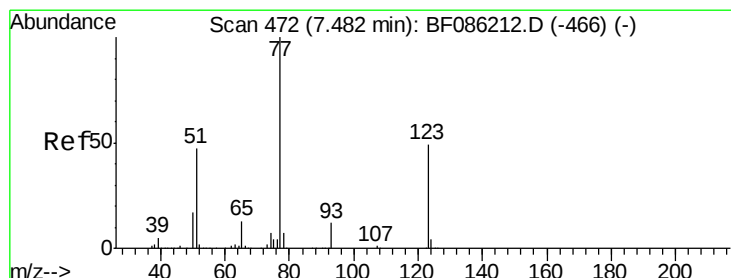
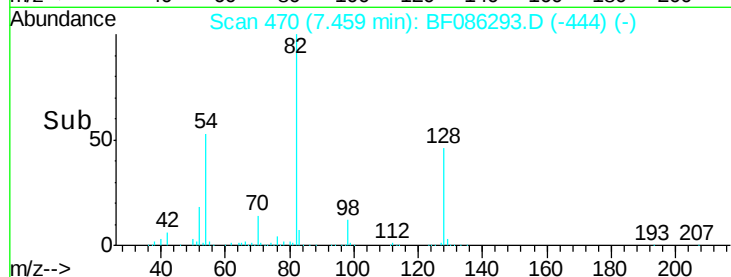
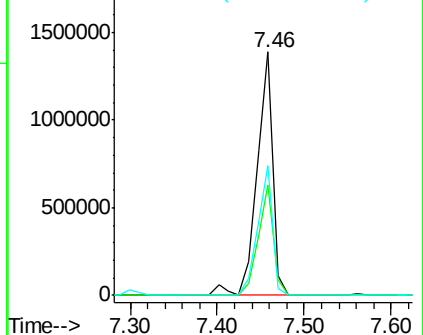
#23
 Nitrobenzene-d5
 Concen: 85.46 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

Tgt Ion: 82 Resp: 1793735
 Ion Ratio Lower Upper
 82 100
 128 45.6 35.4 53.2
 54 53.1 43.4 65.0

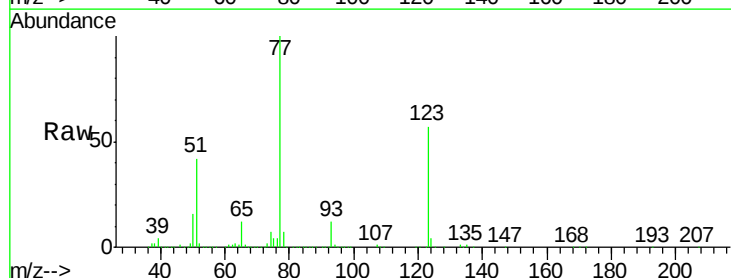


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

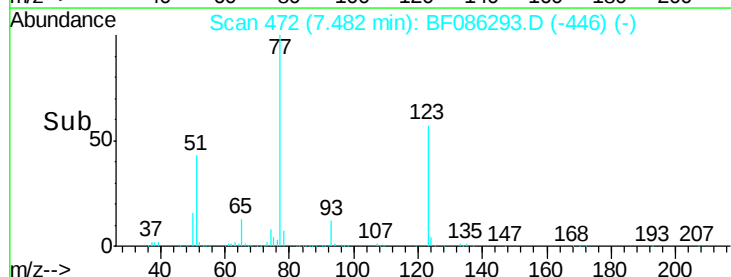
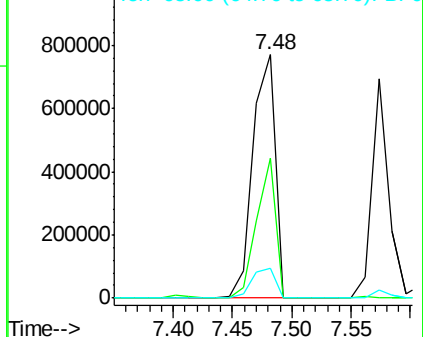


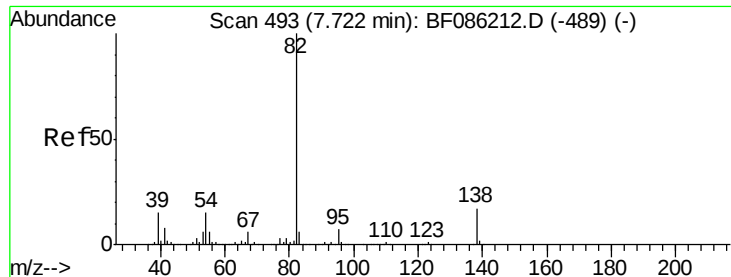
#24
 Nitrobenzene
 Concen: 44.28 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion: 77 Resp: 1016185
 Ion Ratio Lower Upper
 77 100
 123 57.2 38.3 57.5
 65 12.3 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.51 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

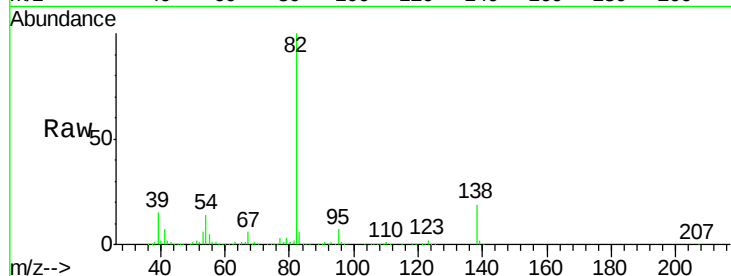
Tgt Ion: 82 Resp: 1853781

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

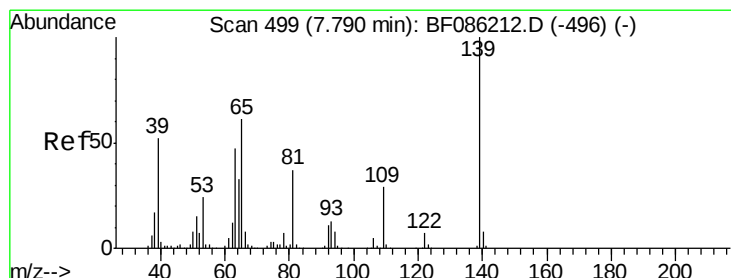
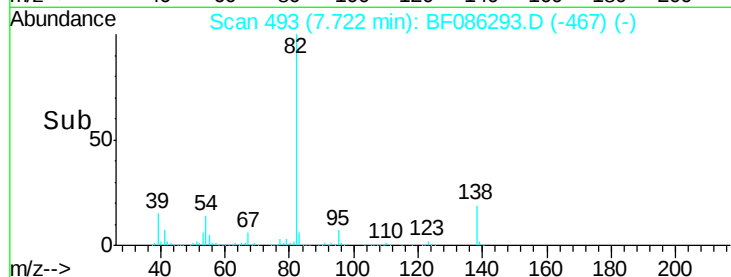
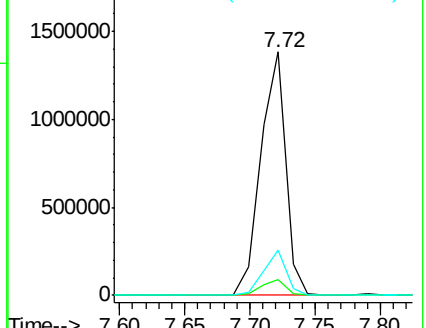
138 18.6 13.4 20.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.84 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

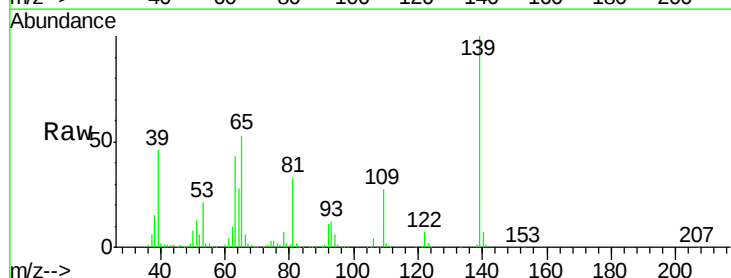
Tgt Ion: 139 Resp: 398598

Ion Ratio Lower Upper

139 100

109 27.0 25.8 38.8

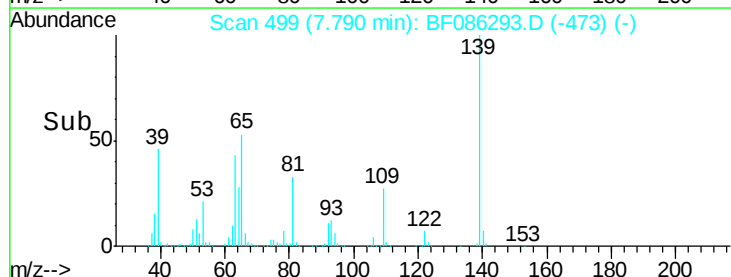
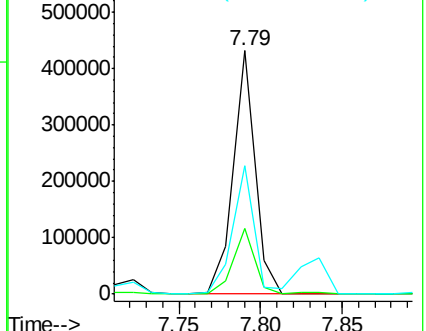
65 52.9 50.2 75.2

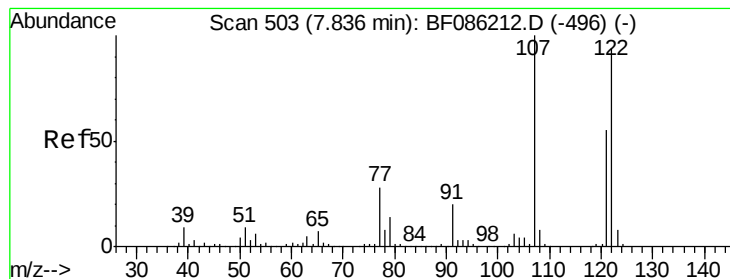


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 44.28 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

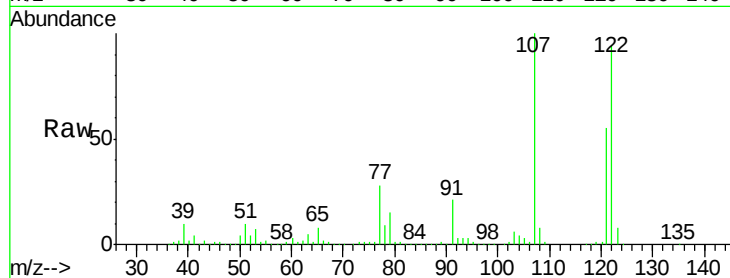
Tgt Ion:122 Resp: 894730

Ion Ratio Lower Upper

122 100

107 106.5 85.8 128.6

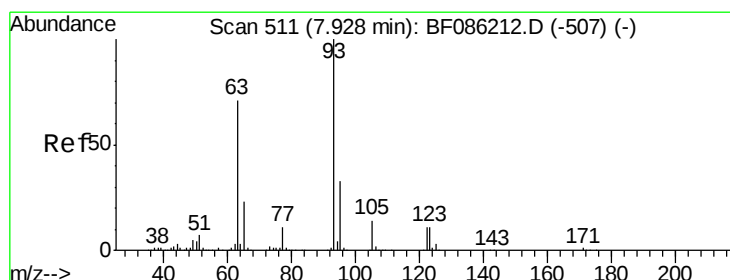
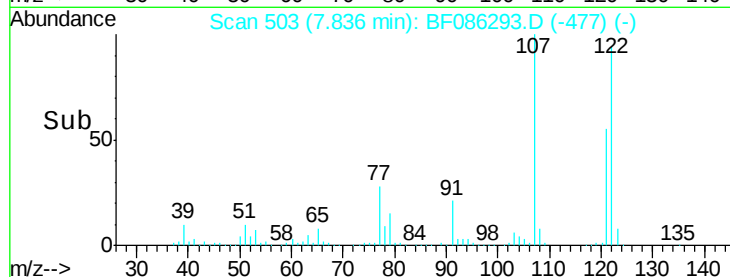
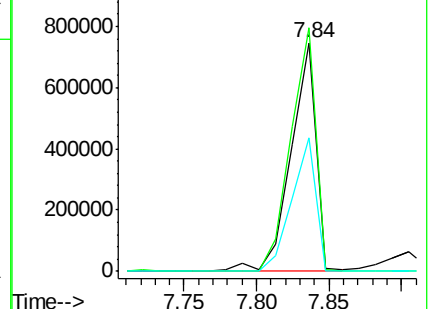
121 58.7 47.1 70.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.68 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

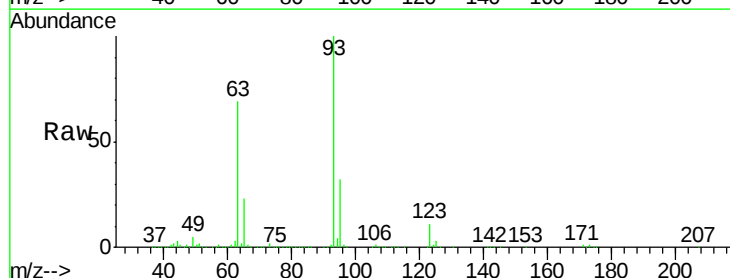
Tgt Ion: 93 Resp: 1069442

Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.8

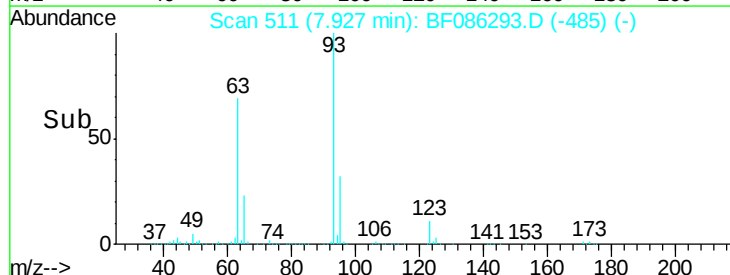
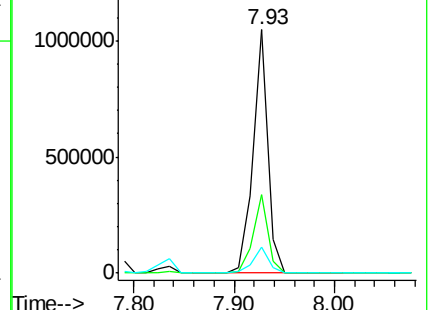
123 10.7 8.9 13.3

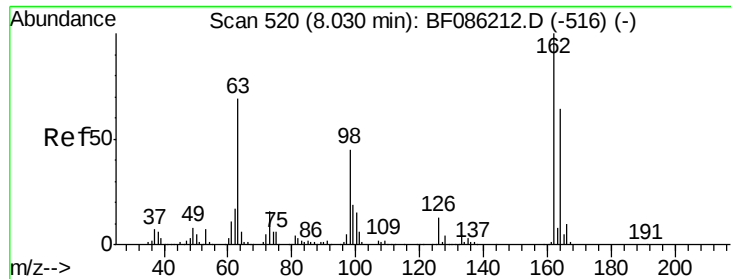


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

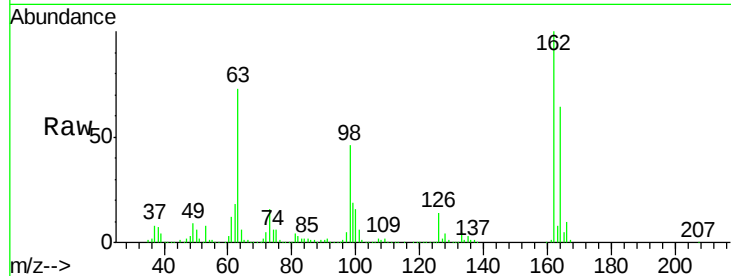




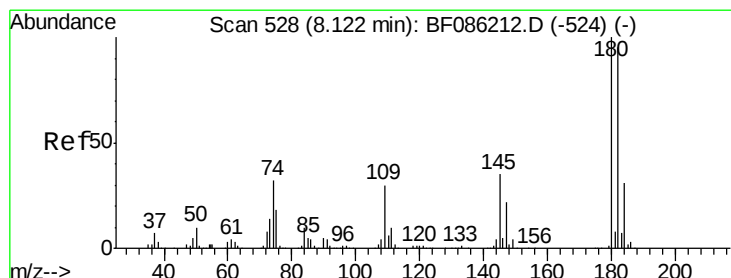
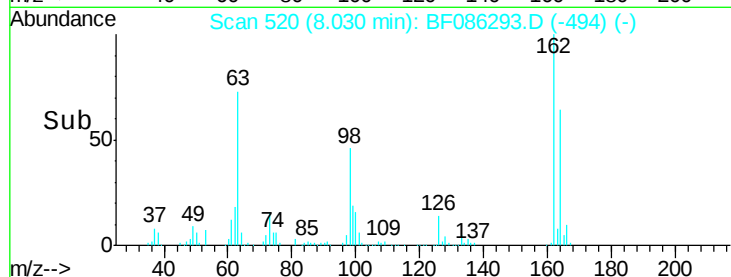
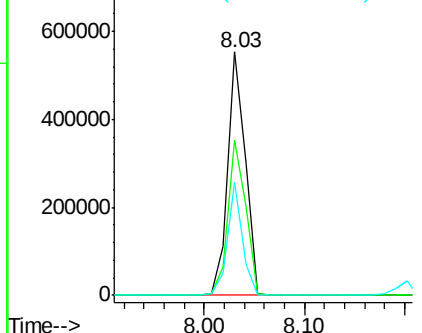
#29
 2,4-Dichlorophenol
 Concen: 43.57 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.3	83.3
98	46.3	22.9	62.9

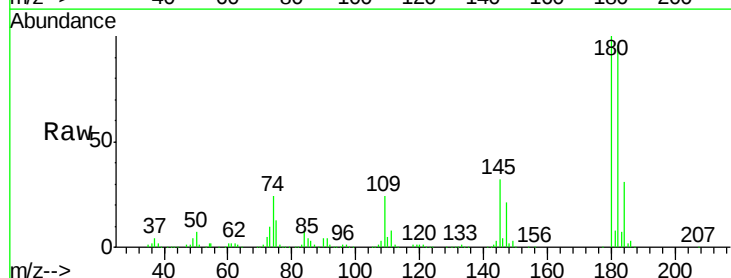


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

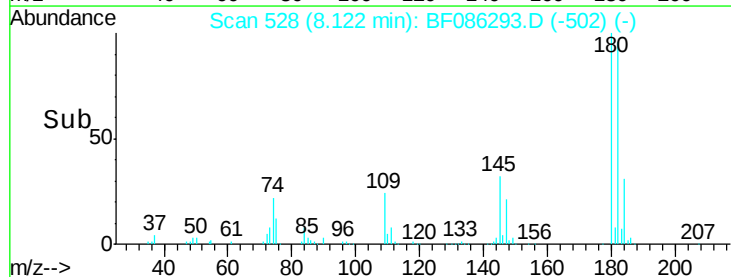
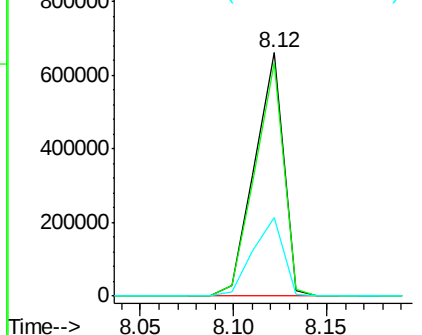


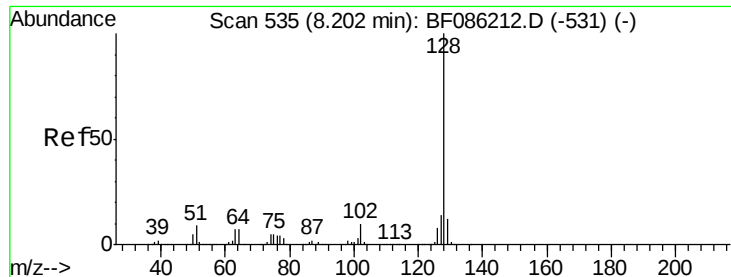
#30
 1,2,4-Trichlorobenzene
 Concen: 44.23 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.3	114.5
145	32.0	27.4	41.2



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

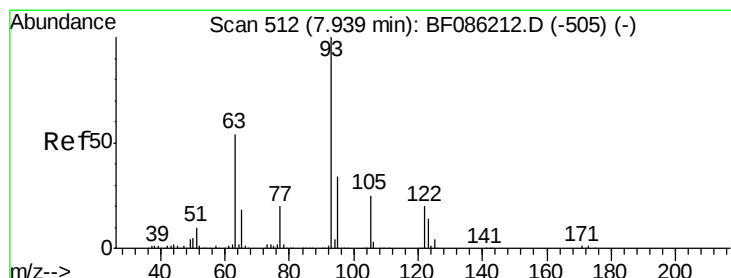
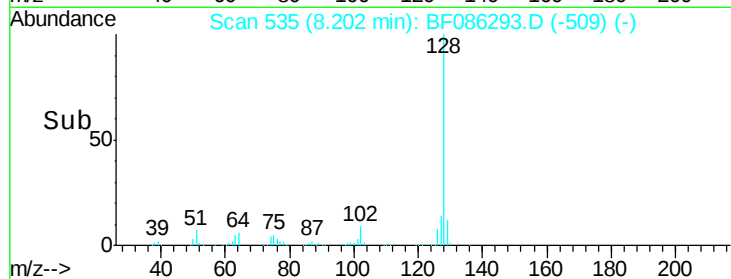
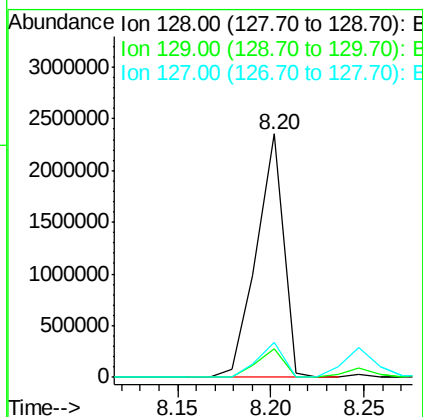
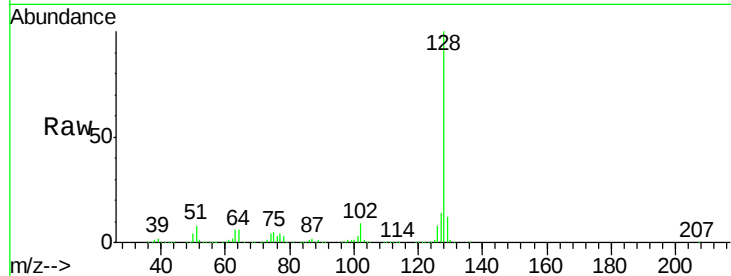




#31
Naphthalene
Concen: 44.07 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

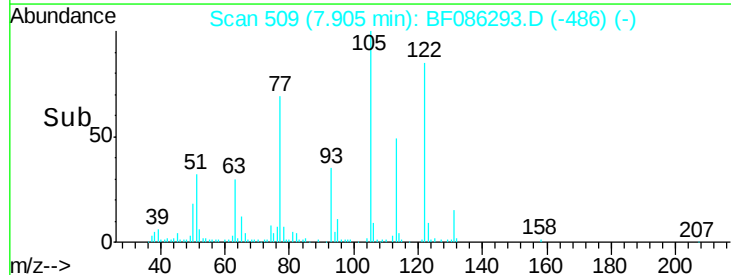
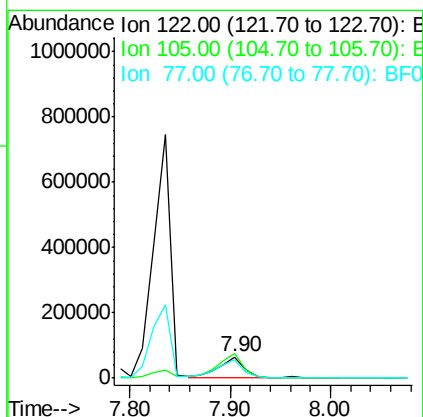
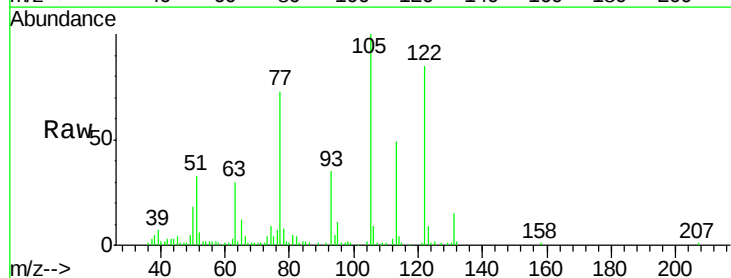
Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MS

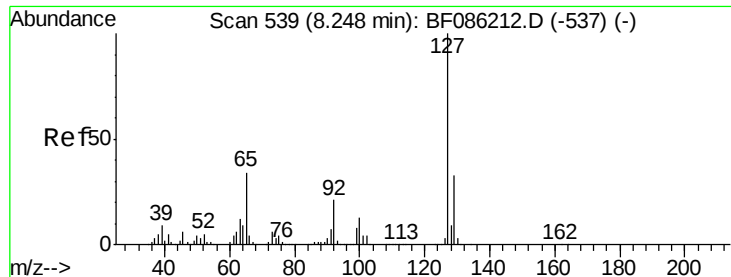
Tgt Ion:128 Resp: 2382339
Ion Ratio Lower Upper
128 100
129 11.8 9.6 14.4
127 14.2 11.4 17.2



#32
Benzoic acid
Concen: 9.20 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.03 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Tgt Ion:122 Resp: 118814
Ion Ratio Lower Upper
122 100
105 118.2 103.7 143.7
77 86.5 74.9 114.9

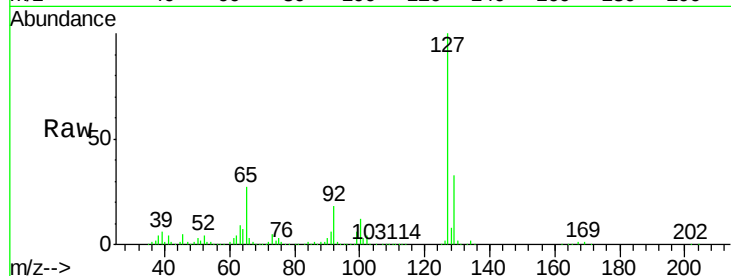




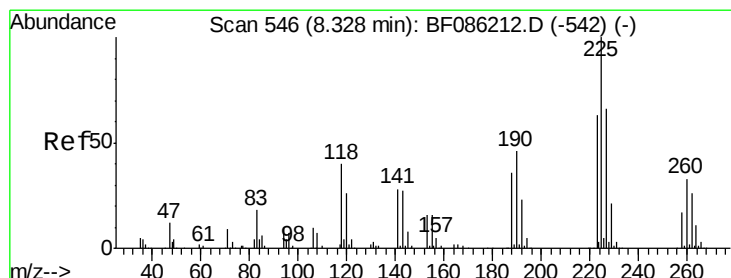
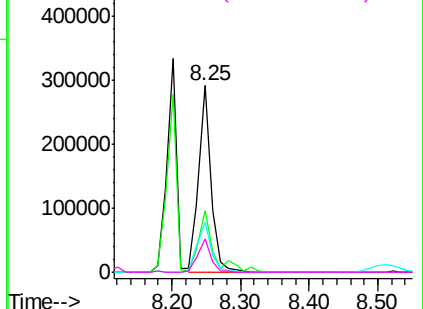
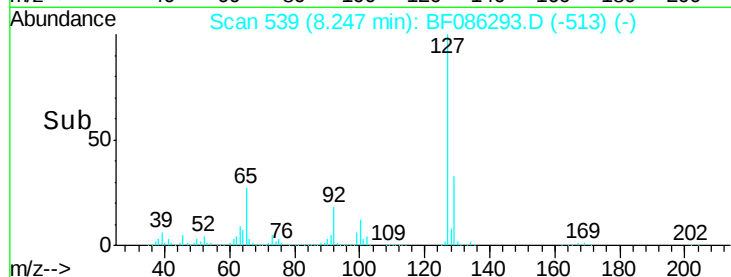
#33
 4-Chloroaniline
 Concen: 14.89 ng
 RT: 8.25 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

Tgt Ion:	127	Resp:	359830
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.8	40.2
65	26.8	27.1	40.7#
92	17.7	16.2	24.2

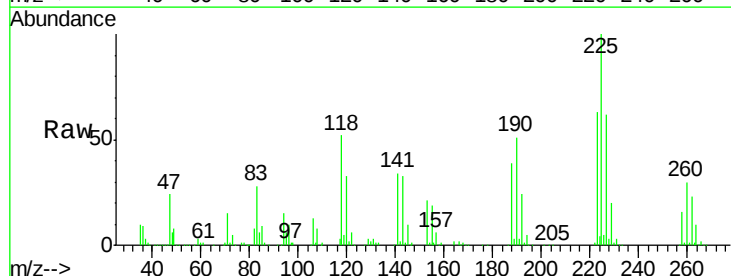


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

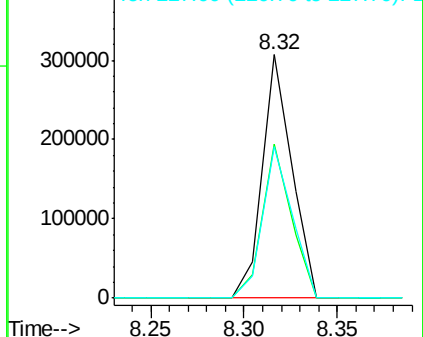
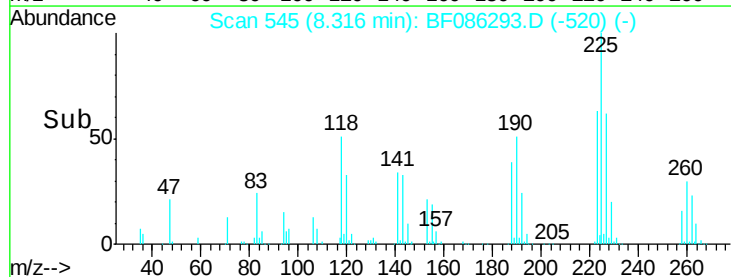


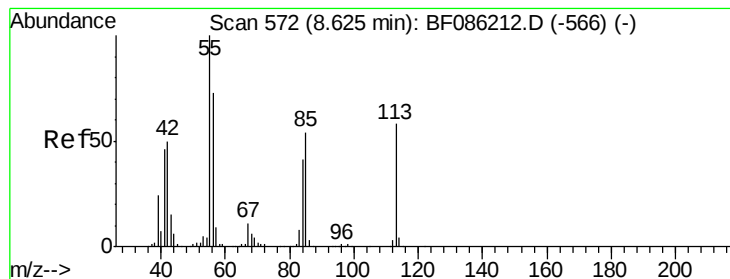
#34
 Hexachlorobutadiene
 Concen: 41.52 ng
 RT: 8.32 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion:	225	Resp:	334405
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.4	74.0
227	62.3	51.1	76.7



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





#35

Caprolactam

Concen: 47.95 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

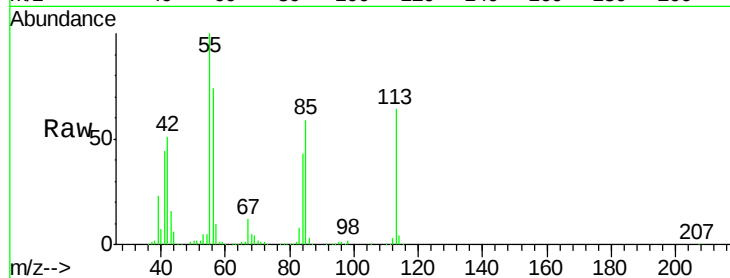
Tgt Ion:113 Resp: 266700

Ion Ratio Lower Upper

113 100

55 156.5 117.5 157.5

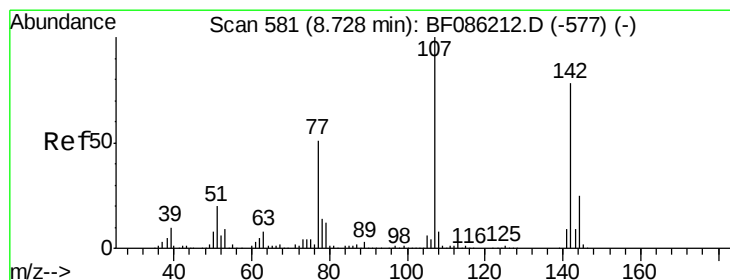
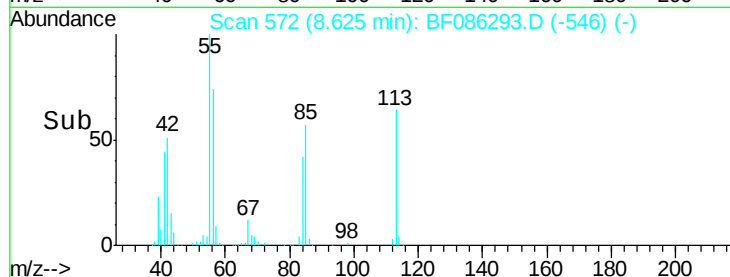
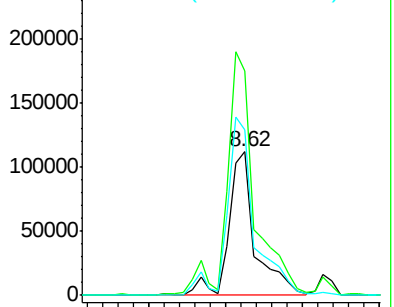
56 115.1 82.5 122.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.59 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

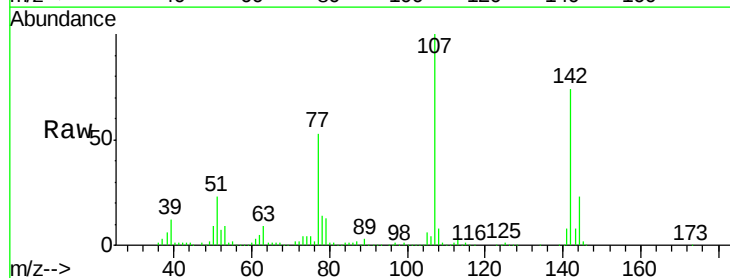
Tgt Ion:107 Resp: 775941

Ion Ratio Lower Upper

107 100

144 23.3 20.7 31.1

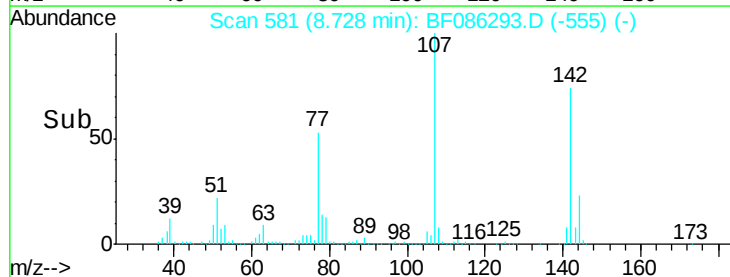
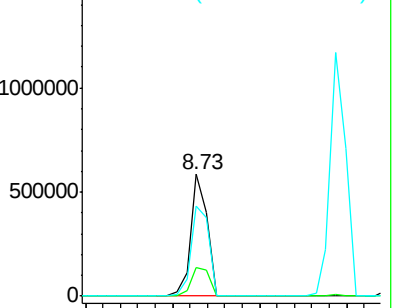
142 73.9 64.5 96.7

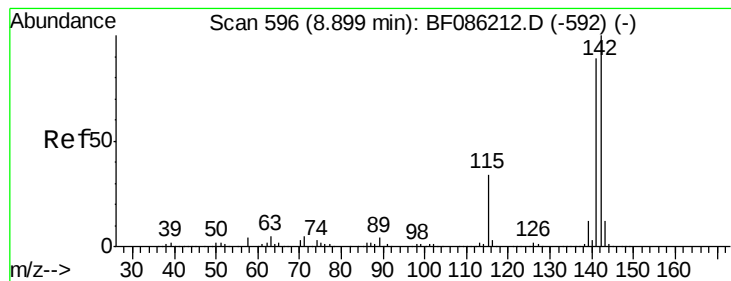


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

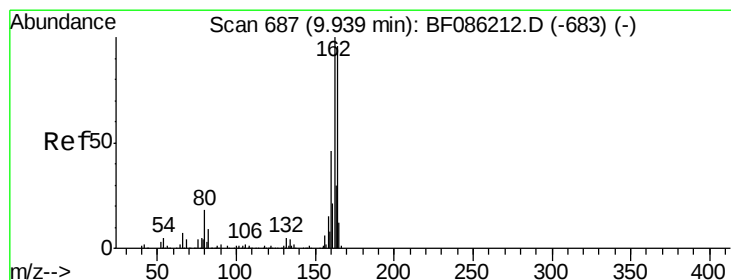
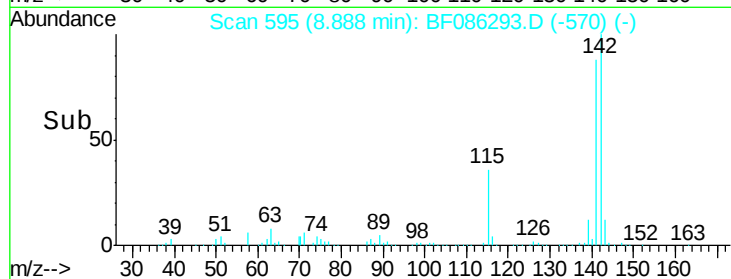
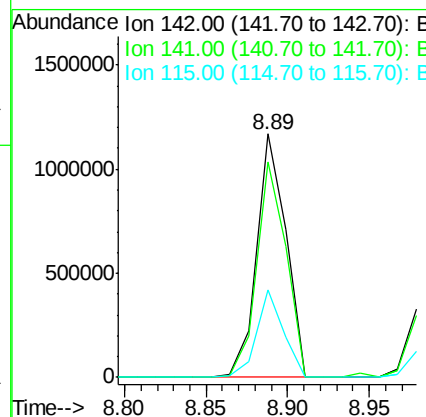
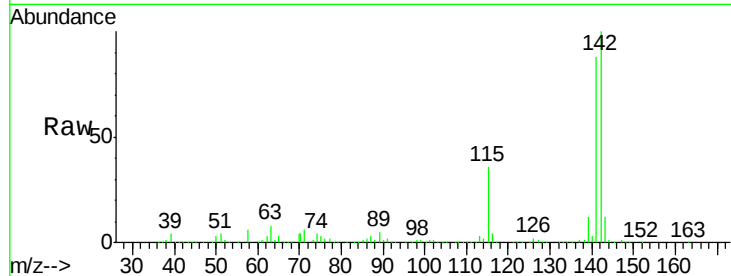




#37
 2-Methylnaphthalene
 Concen: 41.48 ng
 RT: 8.89 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

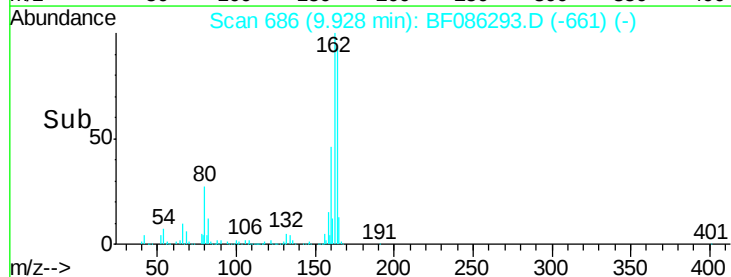
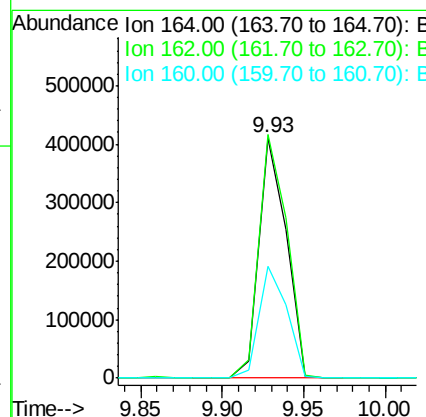
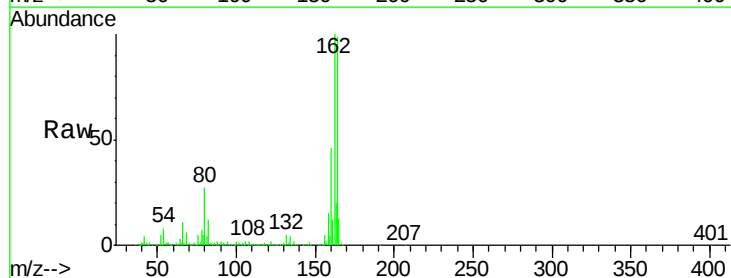
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

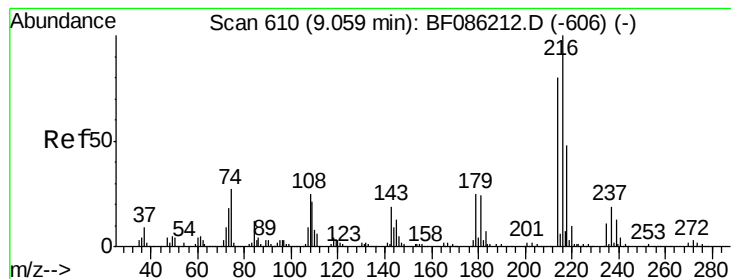
Tgt Ion:142 Resp: 1449944
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.1 106.7
 115 36.1 25.1 37.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion:164 Resp: 478466
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.8 124.2
 160 46.3 38.9 58.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 58.24 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

Tgt Ion:216 Resp: 564280

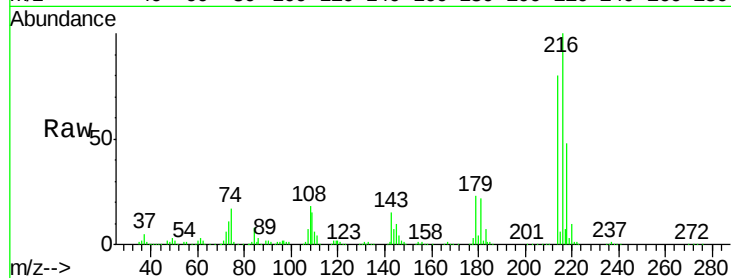
Ion Ratio Lower Upper

216 100

214 79.9 64.9 97.3

179 23.7 19.8 29.6

108 23.2 21.0 31.4

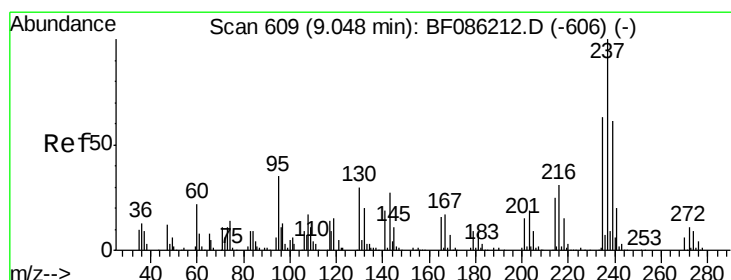
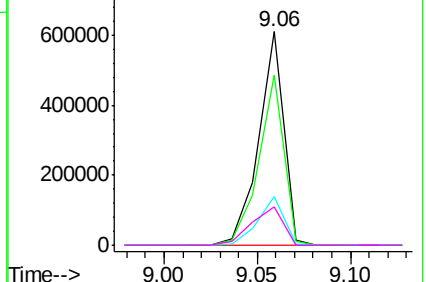
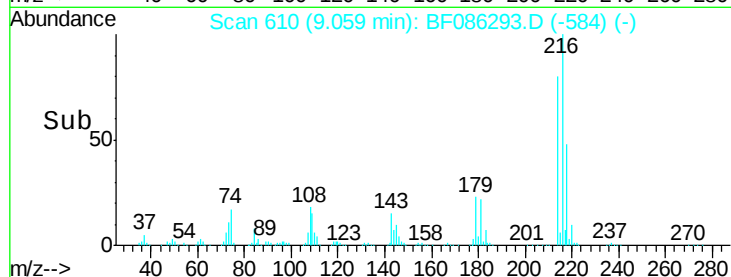


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 37.76 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

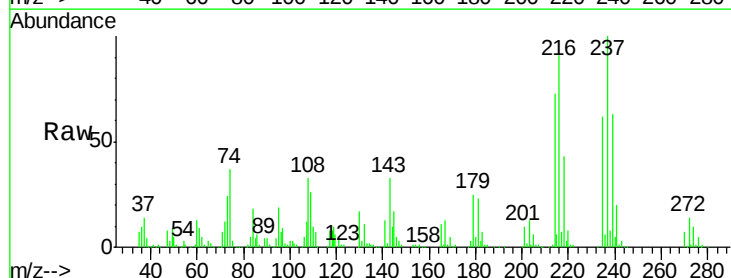
Tgt Ion:237 Resp: 212993

Ion Ratio Lower Upper

237 100

235 62.3 44.0 84.0

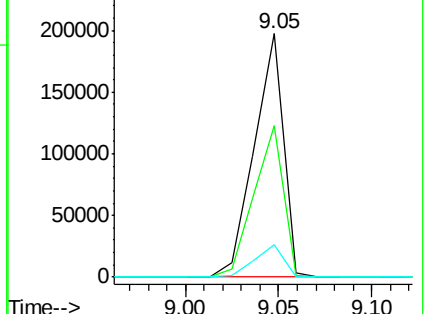
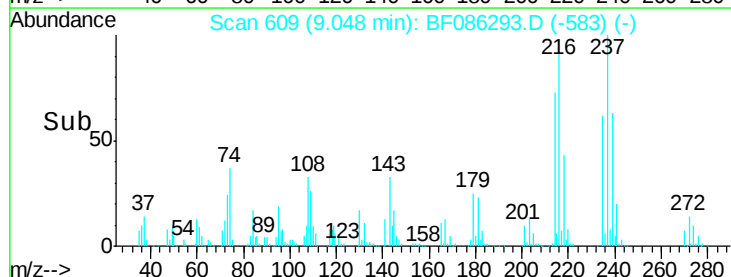
272 13.6 0.0 32.4

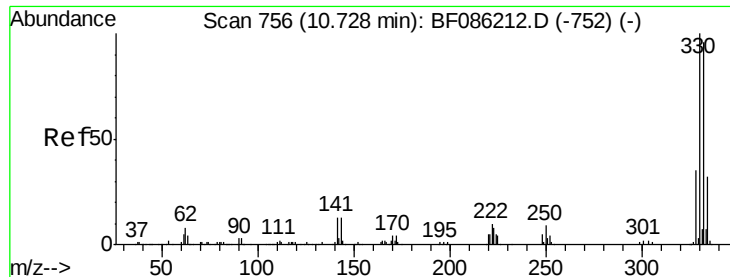


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

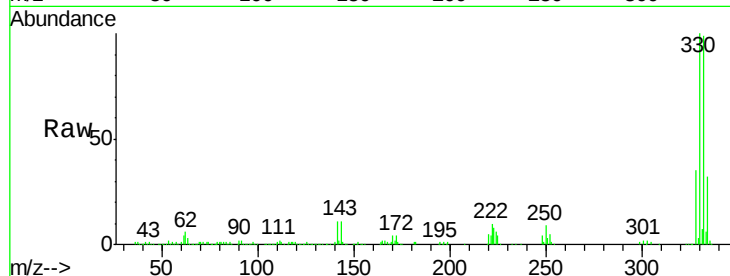




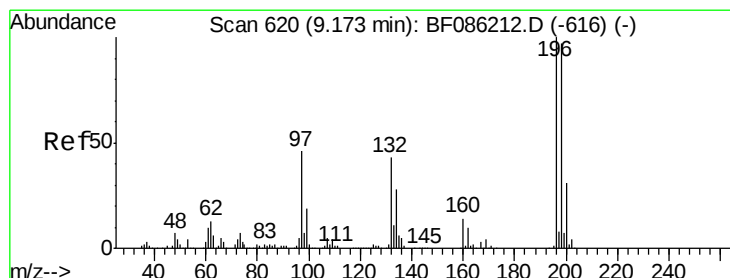
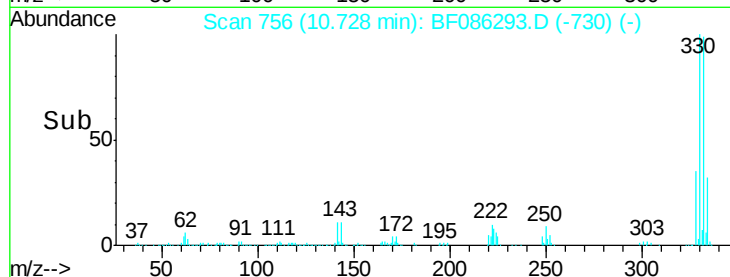
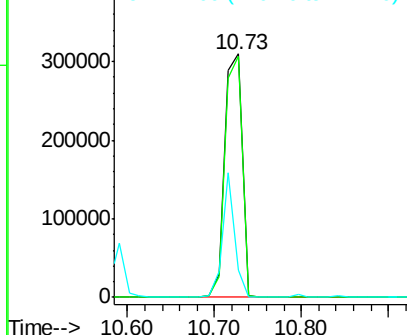
#41
 2,4,6-Tribromophenol
 Concen: 113.84 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

Tgt Ion:330 Resp: 437366
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.7 118.1
 141 36.3 28.6 42.8

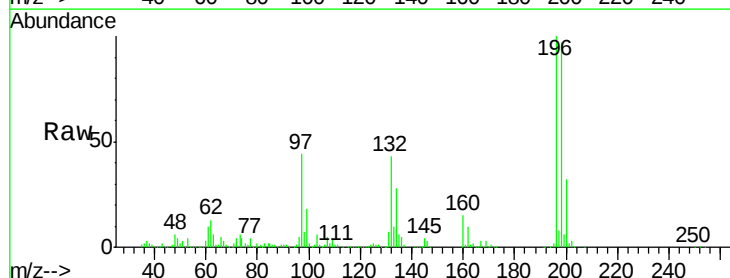


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

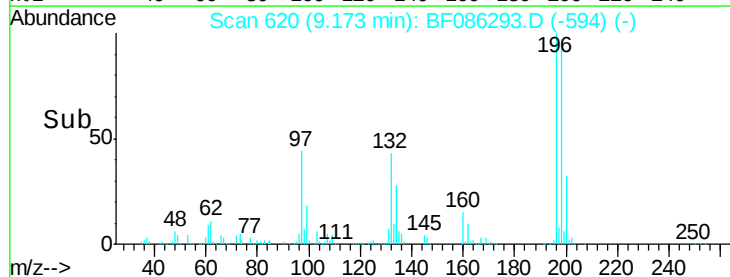
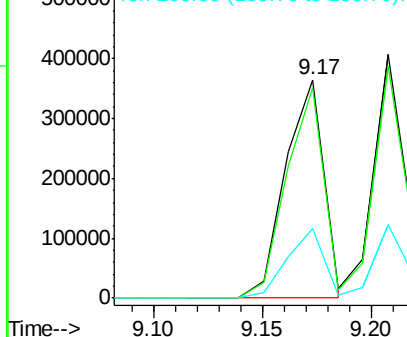


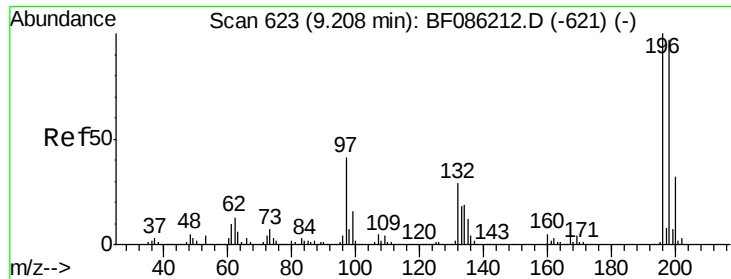
#42
 2,4,6-Trichlorophenol
 Concen: 47.52 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion:196 Resp: 447931
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.6 115.0
 200 32.1 25.3 37.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

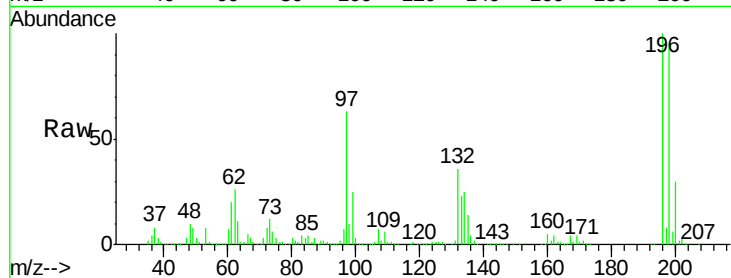




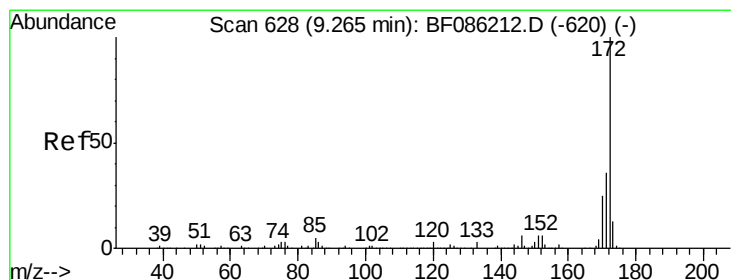
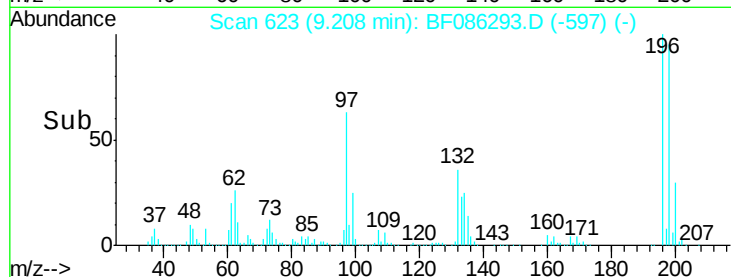
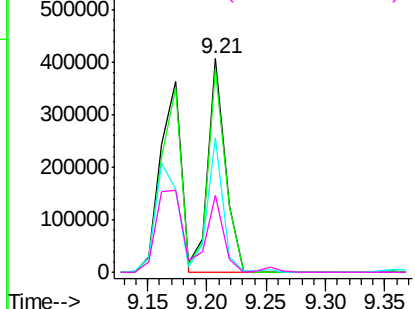
#43
 2,4,5-Trichlorophenol
 Concen: 45.37 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

Tgt Ion:196 Resp: 413122
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.7 116.5
 97 63.1 32.6 48.8#
 132 36.2 21.4 32.0#

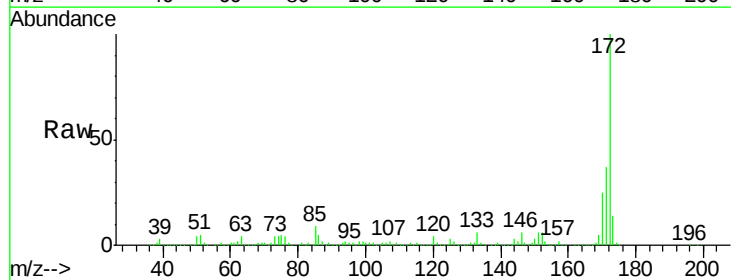


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

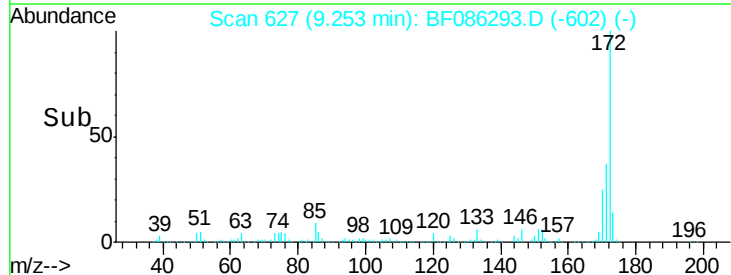
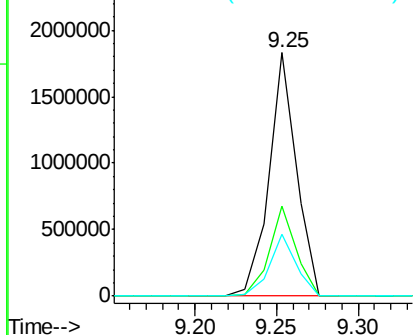


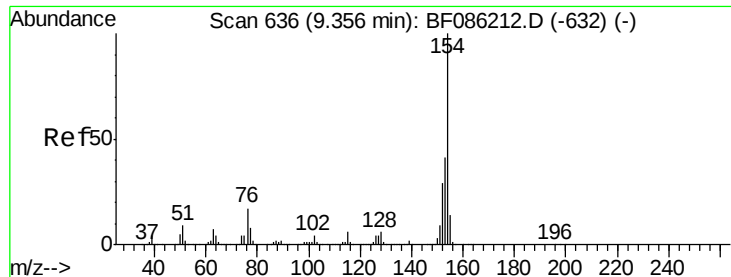
#44
 2-Fluorobiphenyl
 Concen: 82.56 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion:172 Resp: 2140732
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.1 43.7
 170 25.4 19.9 29.9



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

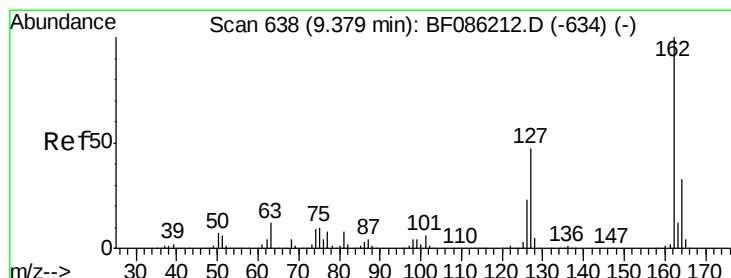
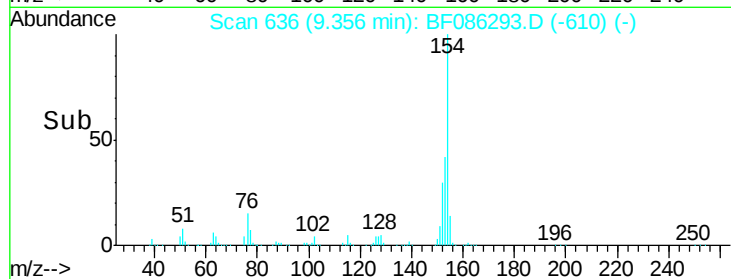
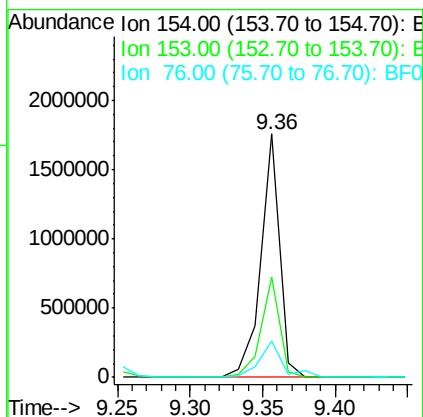
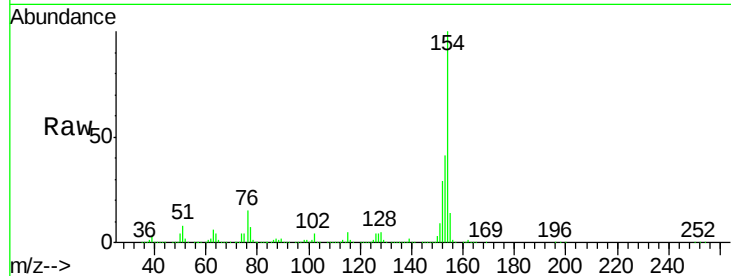




#45
 1,1'-Biphenyl
 Concen: 45.66 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

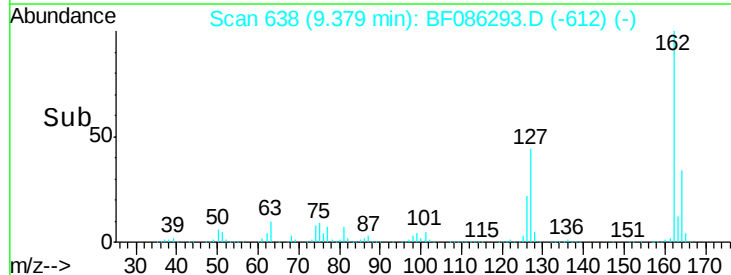
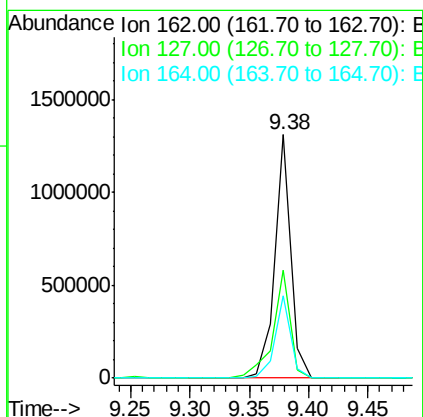
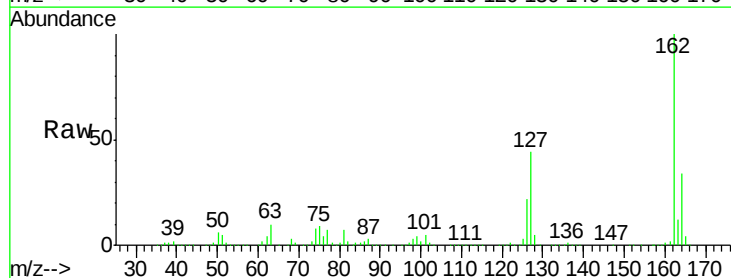
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

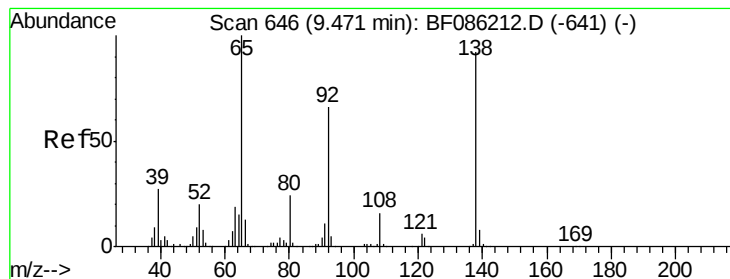
Tgt Ion:154 Resp: 1572687
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.3 61.3
 76 14.8 0.0 36.4



#46
 2-Chloronaphthalene
 Concen: 43.62 ng
 RT: 9.38 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion:162 Resp: 1226748
 Ion Ratio Lower Upper
 162 100
 127 44.2 36.7 55.1
 164 33.9 26.4 39.6





#47

2-Nitroaniline

Concen: 50.07 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

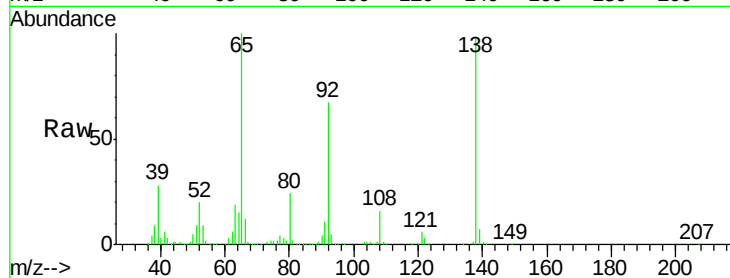
Tgt Ion: 65 Resp: 456095

Ion Ratio Lower Upper

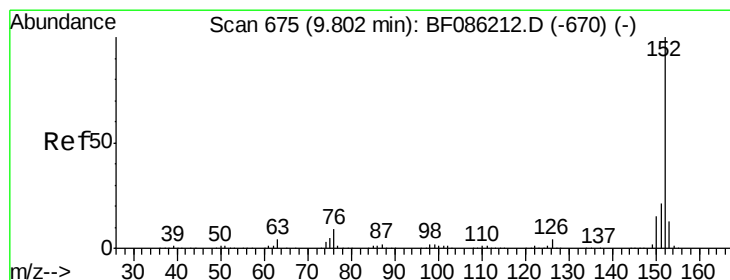
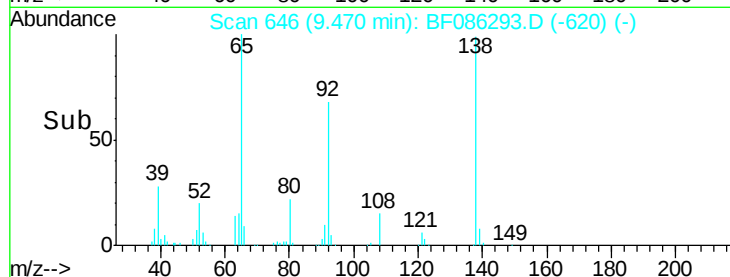
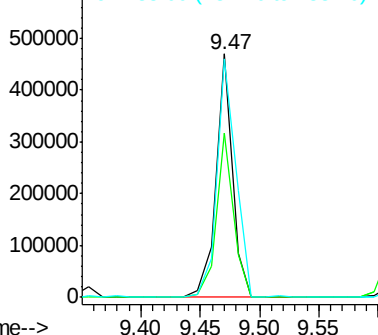
65 100

92 67.3 51.9 77.9

138 98.0 72.6 108.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 44.28 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

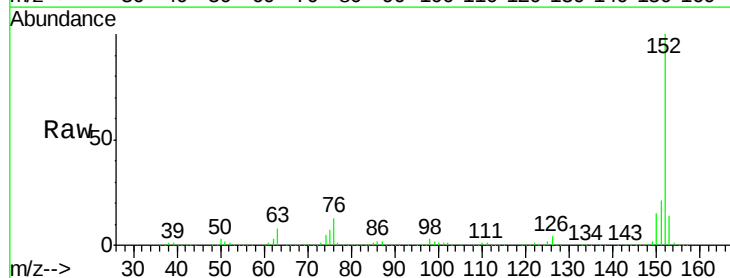
Tgt Ion: 152 Resp: 1981342

Ion Ratio Lower Upper

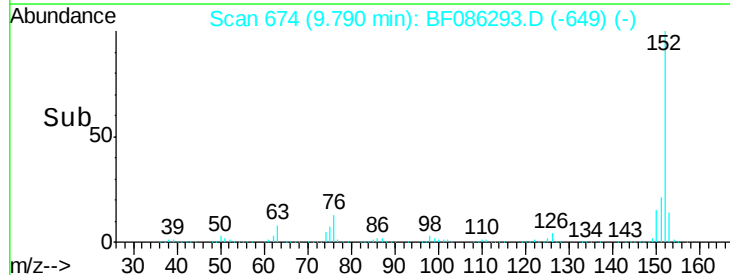
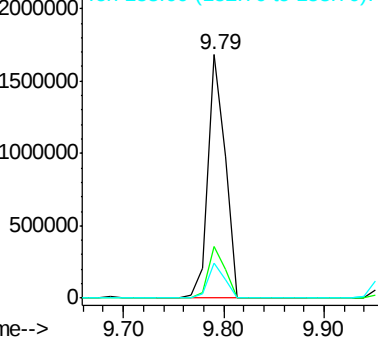
152 100

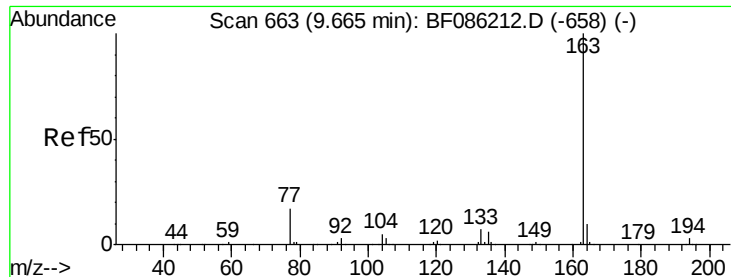
151 21.3 17.2 25.8

153 14.1 10.7 16.1



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





#49

Dimethylphthalate

Concen: 54.04 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

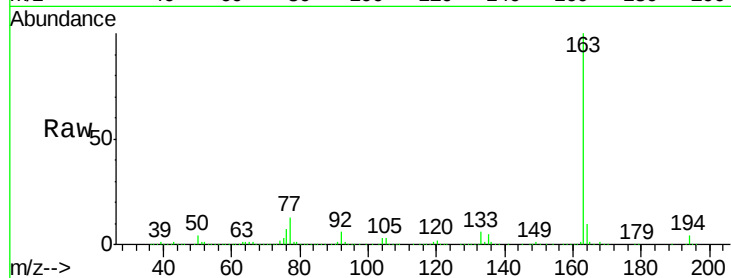
Tgt Ion:163 Resp: 1879899

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

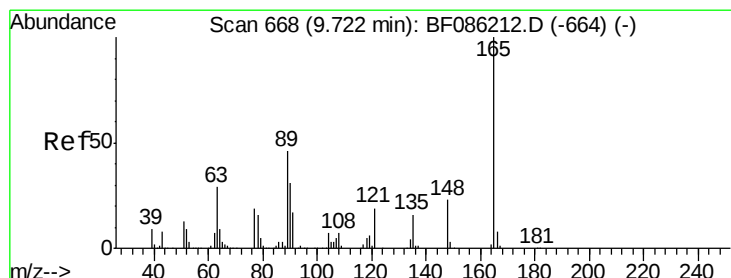
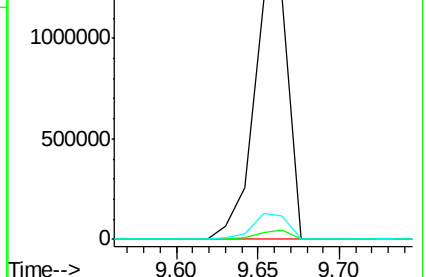
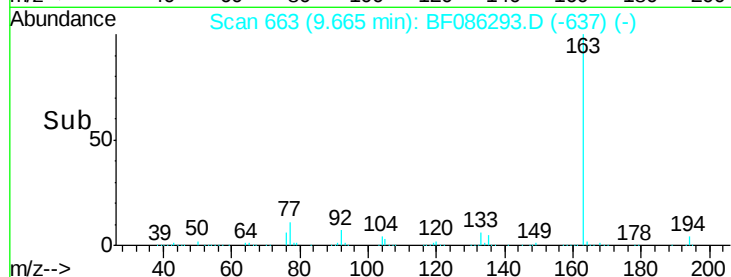
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.95 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

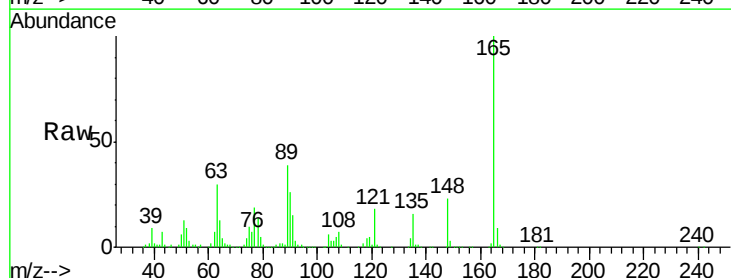
Tgt Ion:165 Resp: 338355

Ion Ratio Lower Upper

165 100

63 30.1 35.1 52.7#

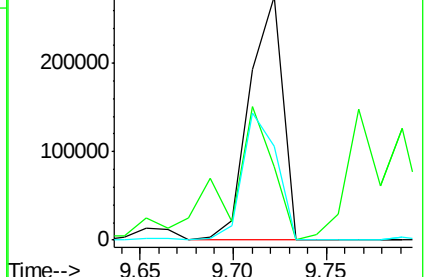
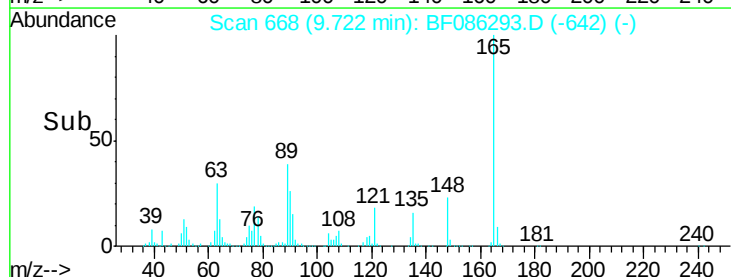
89 38.7 39.8 59.6#

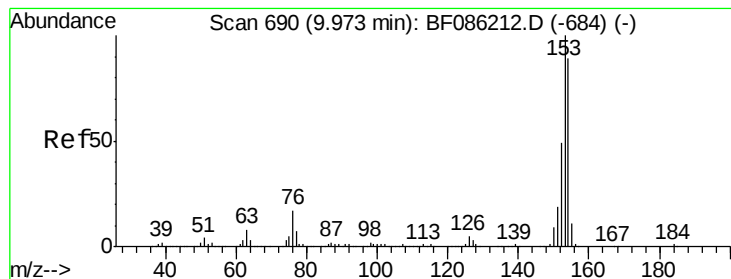


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.68 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

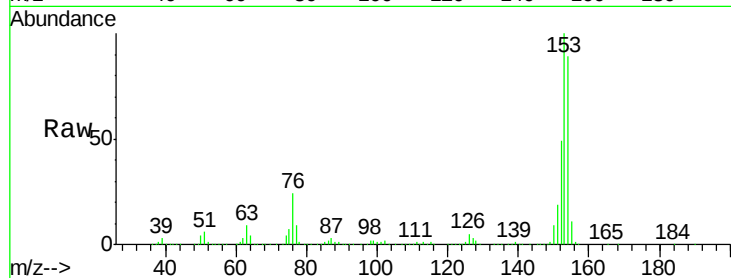
Tgt Ion:154 Resp: 1167499

Ion Ratio Lower Upper

154 100

153 112.7 90.0 135.0

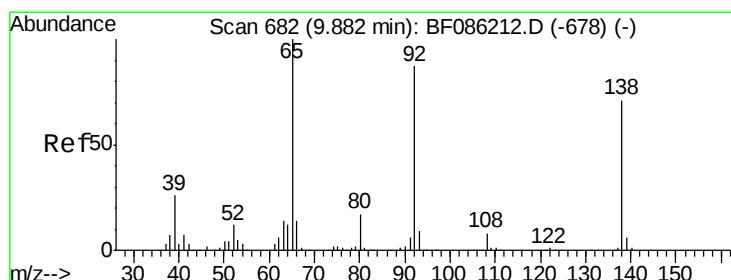
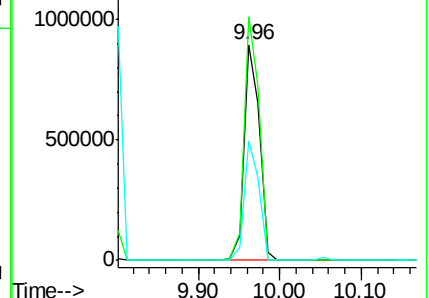
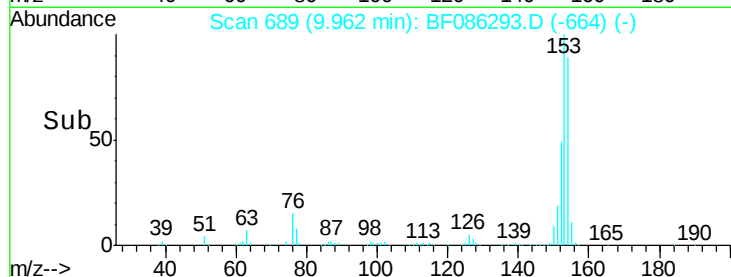
152 55.3 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.55 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

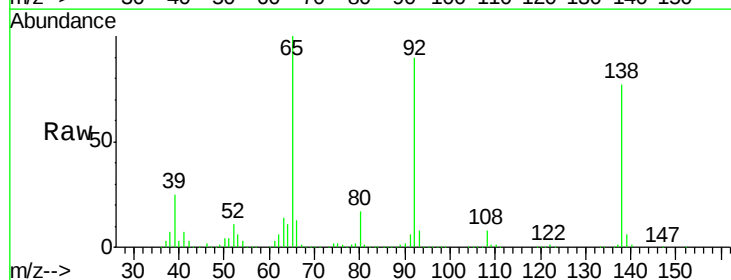
Tgt Ion:138 Resp: 323202

Ion Ratio Lower Upper

138 100

108 10.6 9.0 13.4

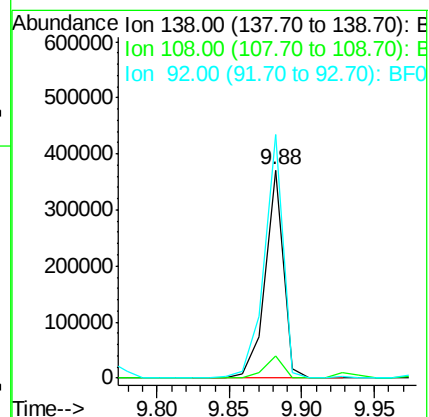
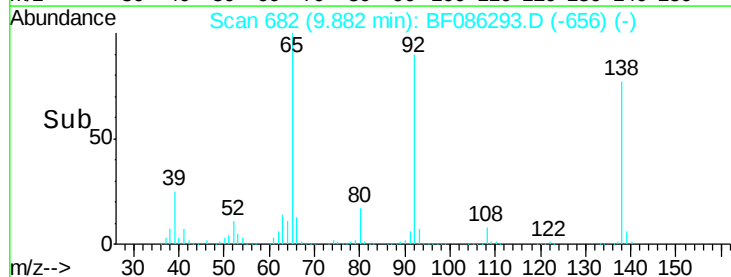
92 117.1 99.3 148.9

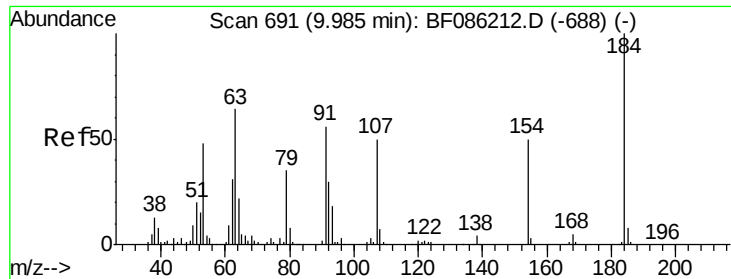


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

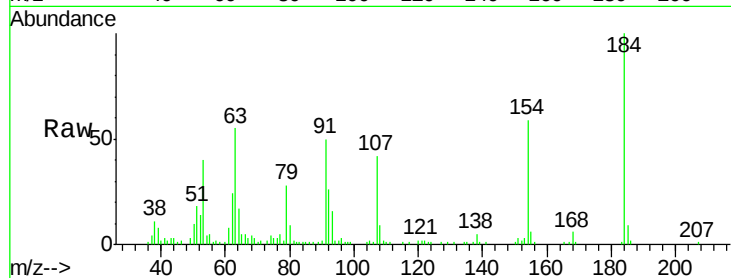




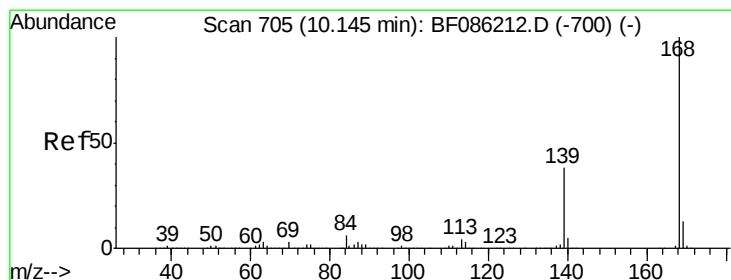
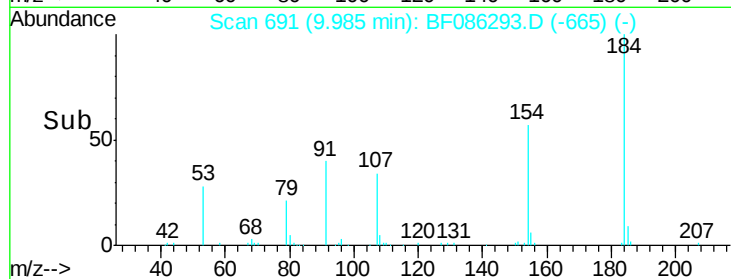
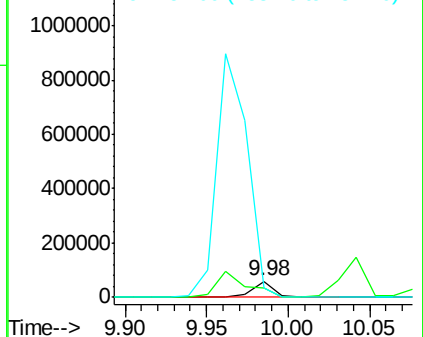
#53
 2,4-Dinitrophenol
 Concen: 21.22 ng
 RT: 9.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

Tgt Ion:184 Resp: 50941
 Ion Ratio Lower Upper
 184 100
 63 54.5 64.7 97.1#
 154 58.9 59.4 89.2#

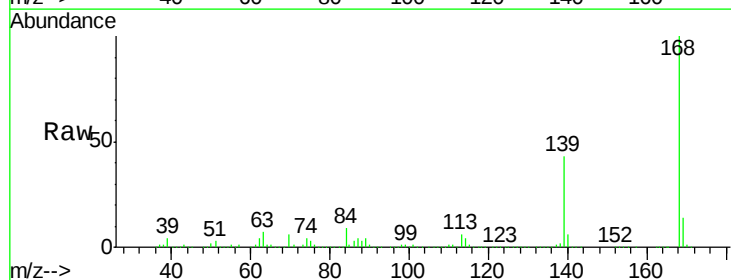


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

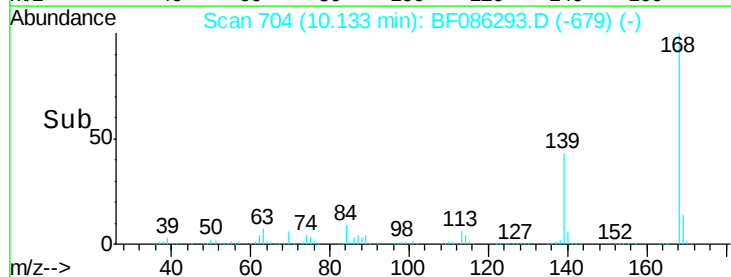
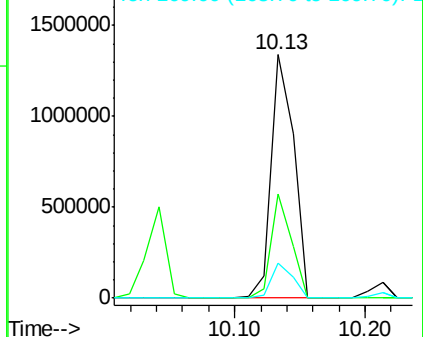


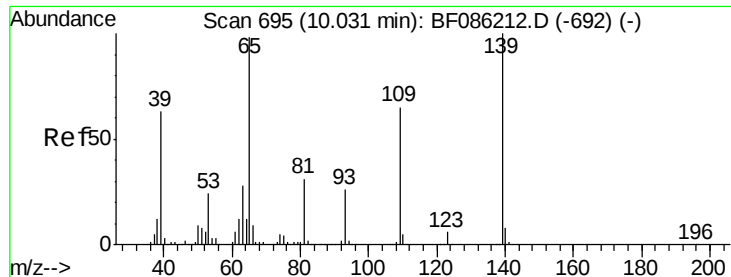
#54
 Dibenzofuran
 Concen: 46.09 ng
 RT: 10.13 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion:168 Resp: 1627165
 Ion Ratio Lower Upper
 168 100
 139 42.7 29.5 44.3
 169 14.3 10.6 16.0



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

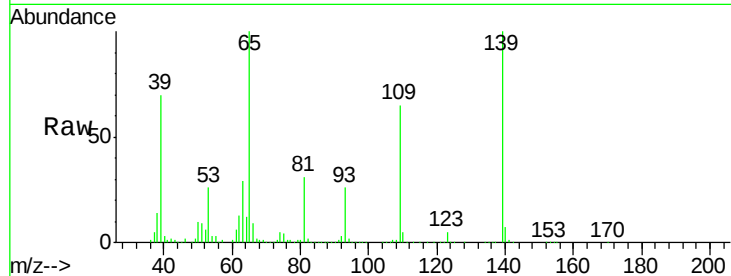




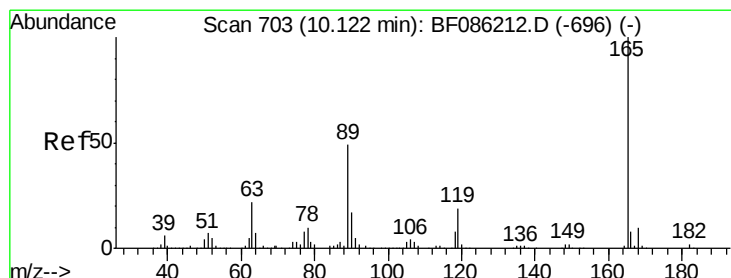
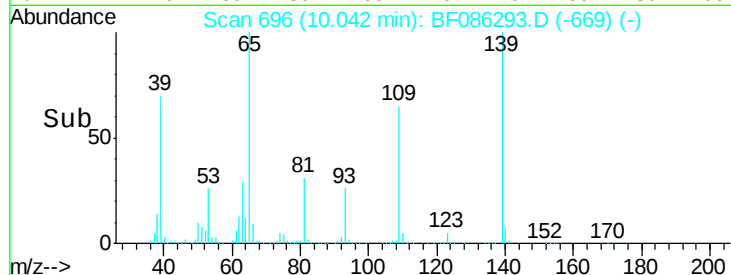
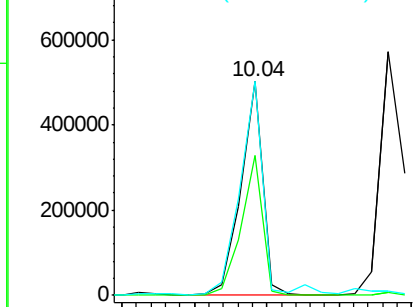
#55
4-Nitrophenol
Concen: 71.67 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MS

Tgt Ion:139 Resp: 524455
Ion Ratio Lower Upper
139 100
109 65.6 55.0 95.0
65 100.3 87.3 127.3

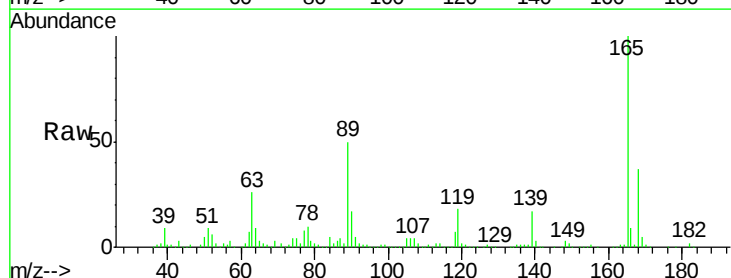


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

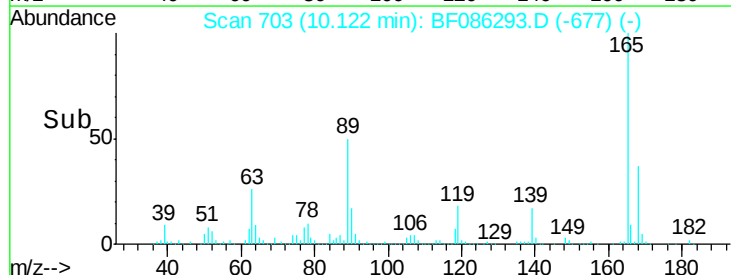
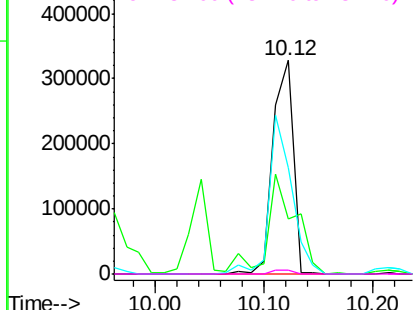


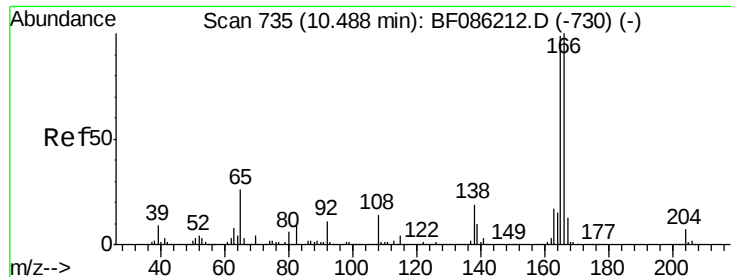
#56
2,4-Dinitrotoluene
Concen: 43.12 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Tgt Ion:165 Resp: 424935
Ion Ratio Lower Upper
165 100
63 25.7 26.6 40.0#
89 49.7 49.5 74.3
182 2.1 1.9 2.9



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

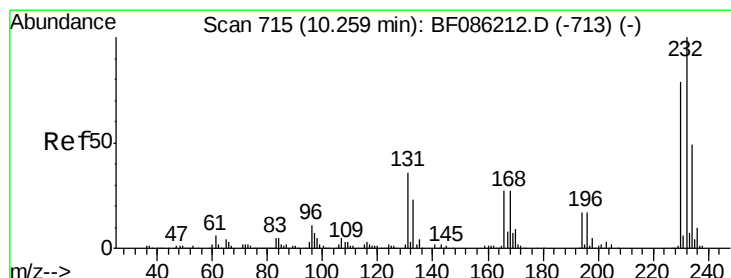
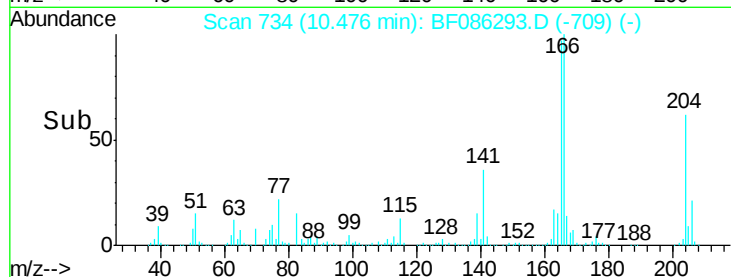
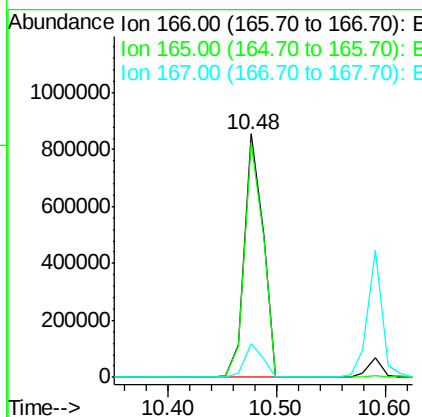
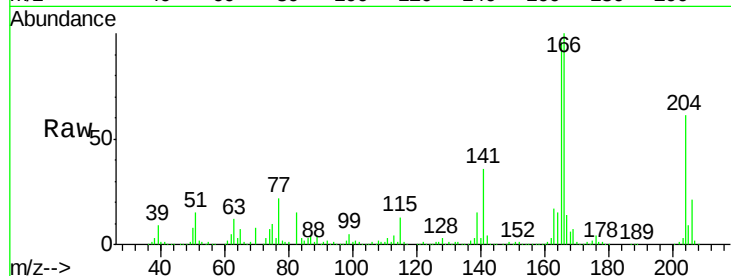




#57
Fluorene
 Concen: 41.69 ng
 RT: 10.48 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

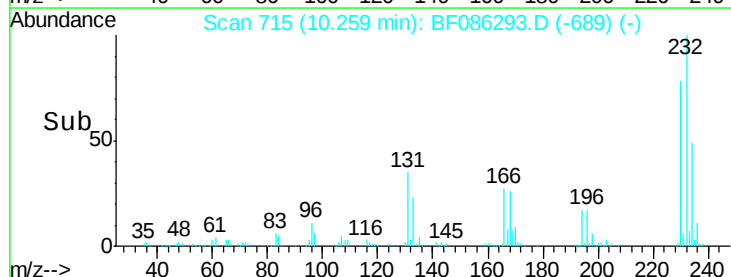
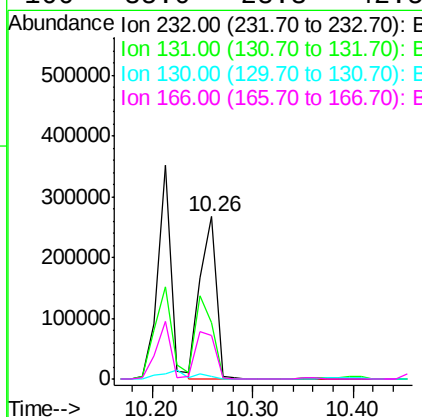
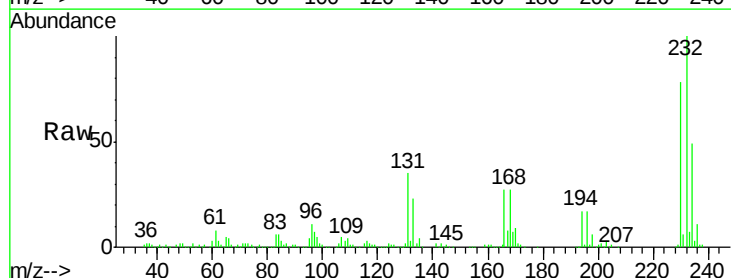
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

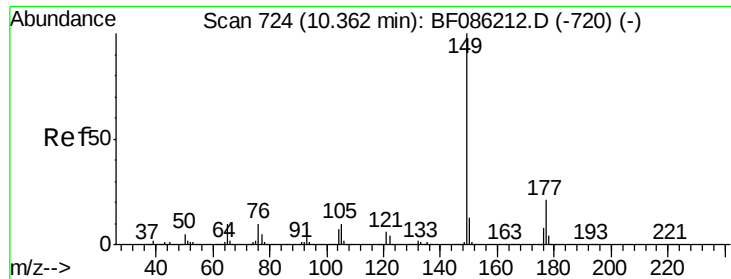
Tgt Ion:166 Resp: 1012217
 Ion Ratio Lower Upper
 166 100
 165 96.5 78.6 117.8
 167 13.9 10.4 15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.10 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion:232 Resp: 304857
 Ion Ratio Lower Upper
 232 100
 131 52.1 46.6 70.0
 130 0.0 2.5 3.7#
 166 35.0 28.3 42.5

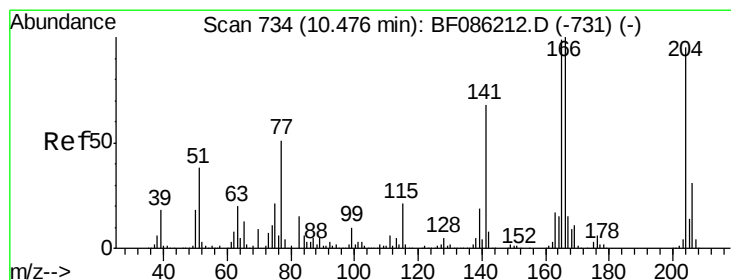
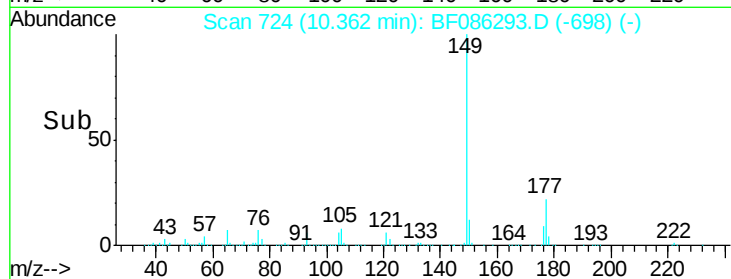
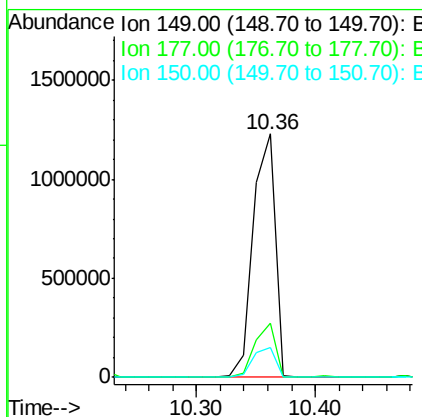
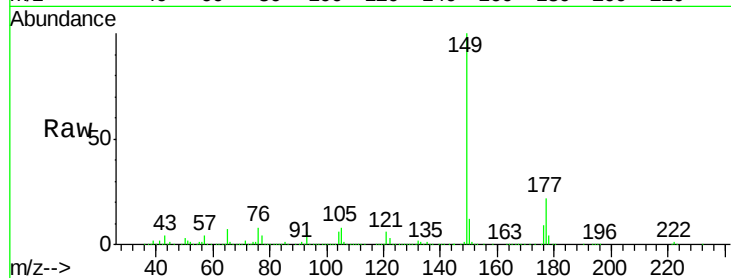




#59
Diethylphthalate
Concen: 44.76 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

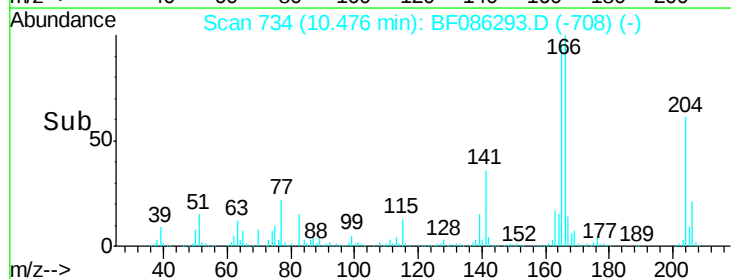
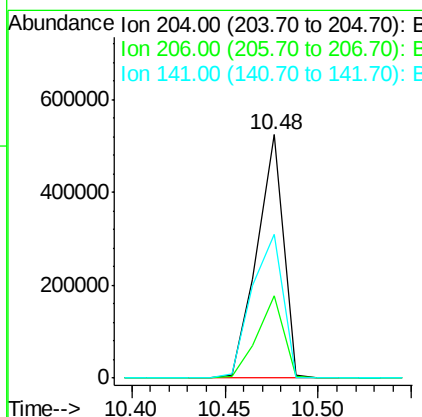
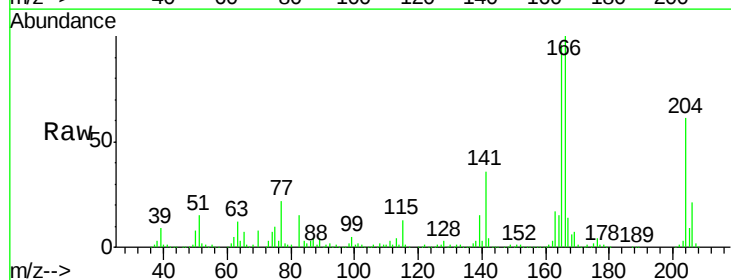
Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MS

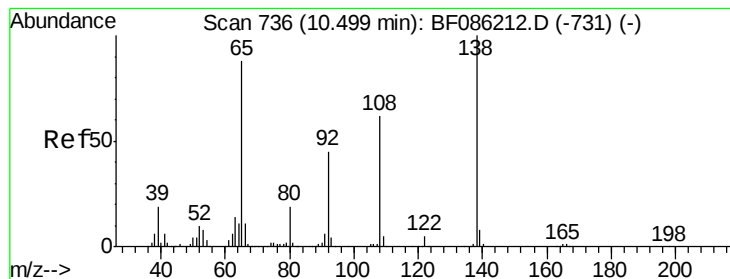
Tgt Ion:149 Resp: 1607177
Ion Ratio Lower Upper
149 100
177 22.3 17.0 25.6
150 12.3 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 53.46 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Tgt Ion:204 Resp: 515647
Ion Ratio Lower Upper
204 100
206 33.8 26.2 39.2
141 59.0 55.4 83.0





#61

4-Nitroaniline

Concen: 48.79 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

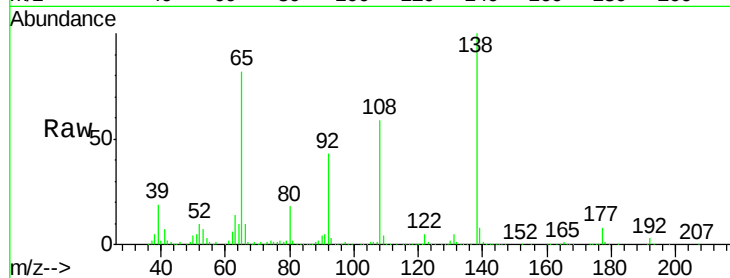
Tgt Ion:138 Resp: 394415

Ion Ratio Lower Upper

138 100

92 43.2 31.9 71.9

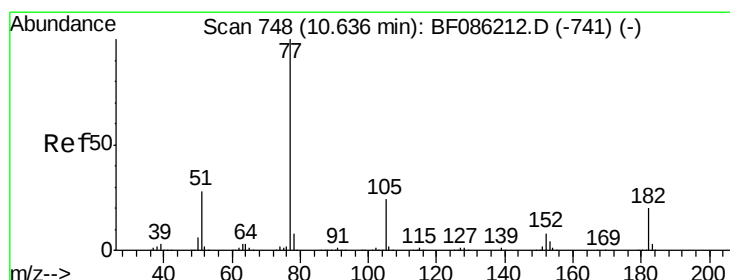
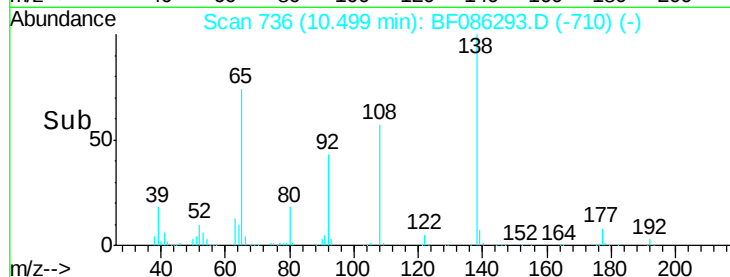
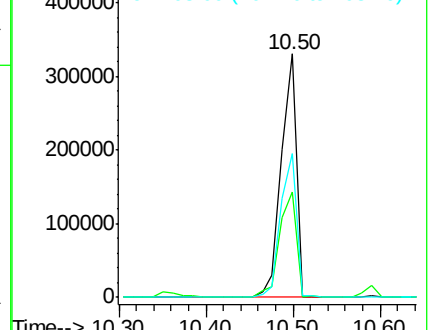
108 59.1 58.7 98.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.97 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Tgt Ion: 77 Resp: 1650301

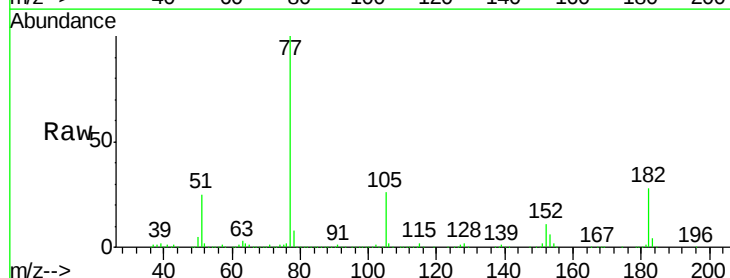
Ion Ratio Lower Upper

77 100

182 28.1 2.3 42.3

105 26.3 3.4 43.4

51 24.7 11.7 51.7

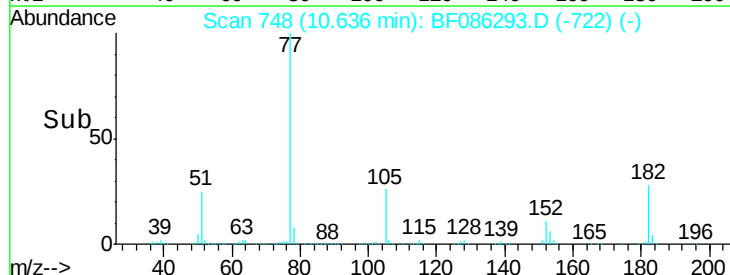
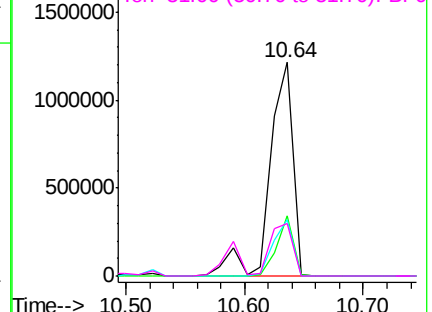


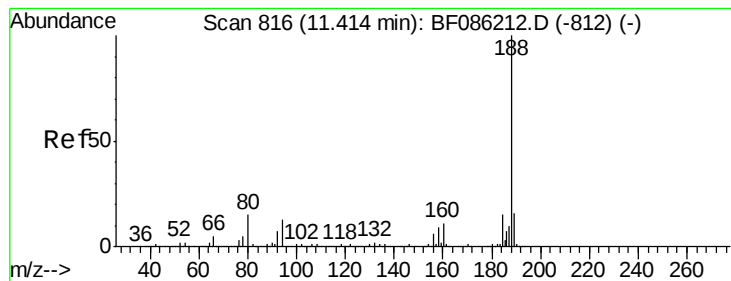
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

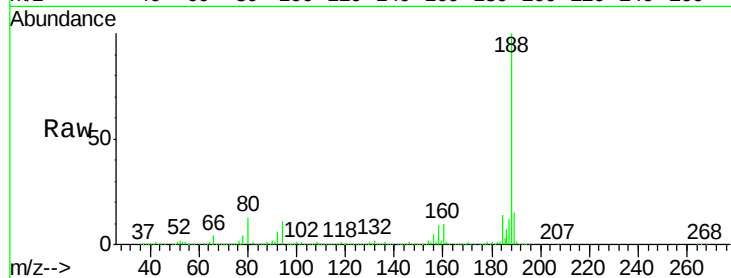
Tgt Ion:188 Resp: 731390

Ion Ratio Lower Upper

188 100

94 11.3 9.8 14.8

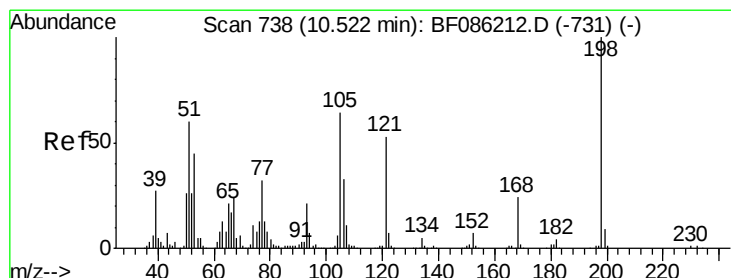
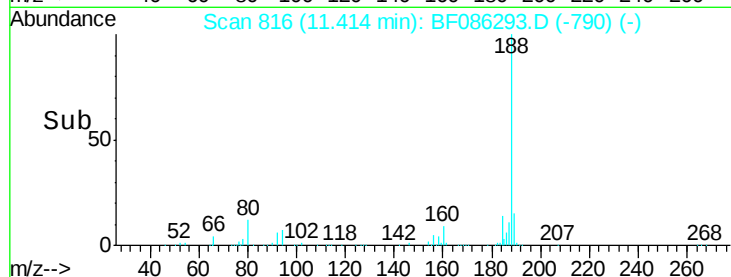
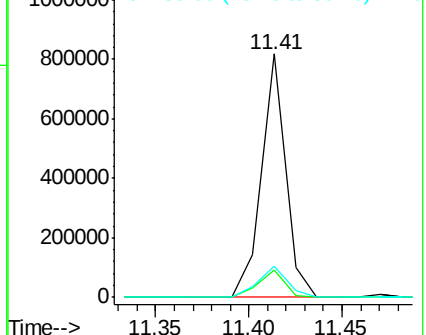
80 12.9 10.5 15.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 15.61 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

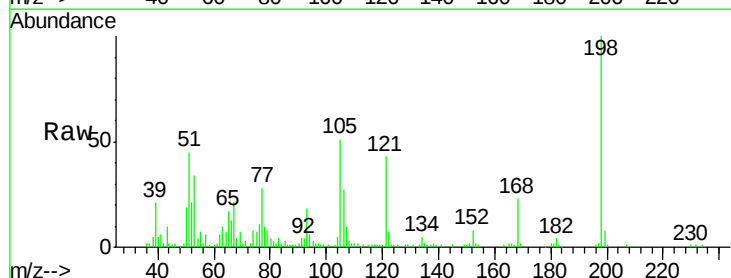
Tgt Ion:198 Resp: 54349

Ion Ratio Lower Upper

198 100

51 45.4 56.5 96.5#

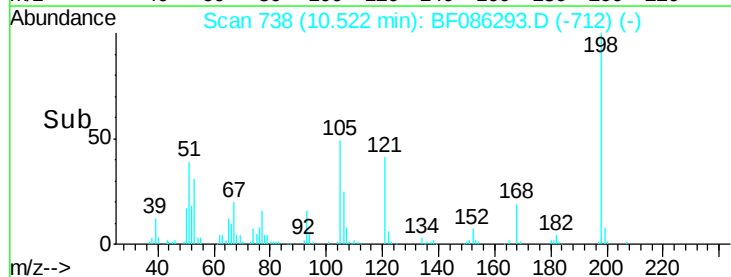
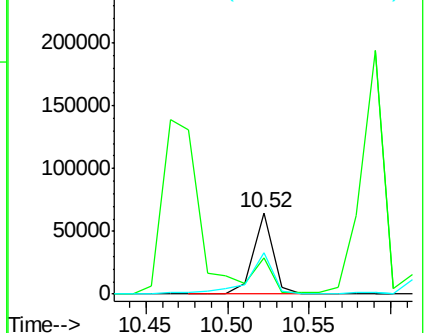
105 51.3 48.0 88.0

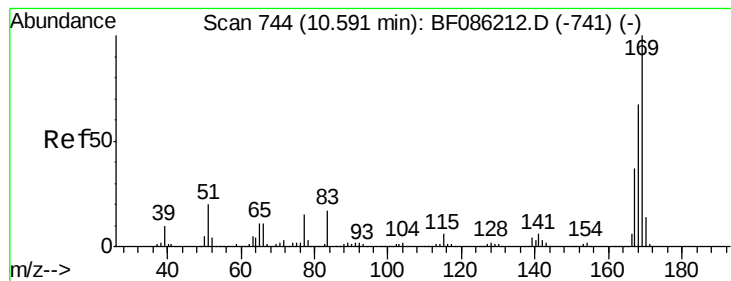


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

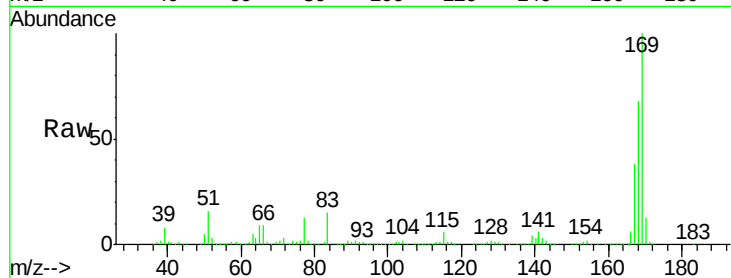




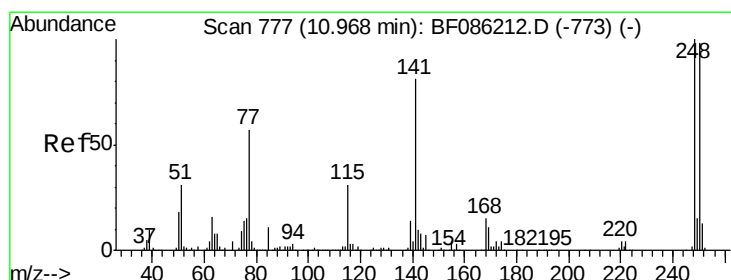
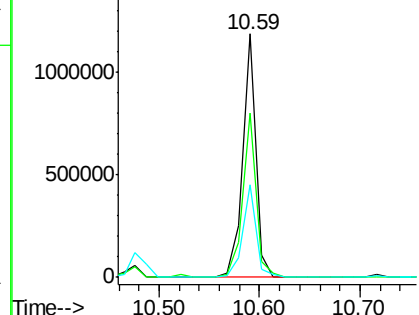
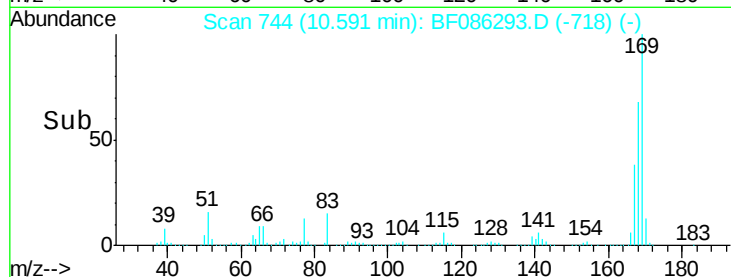
#65
 n-Nitrosodiphenylamine
 Concen: 48.34 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

Tgt Ion:169 Resp: 1082790
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.3 81.5
 167 37.8 30.2 45.2

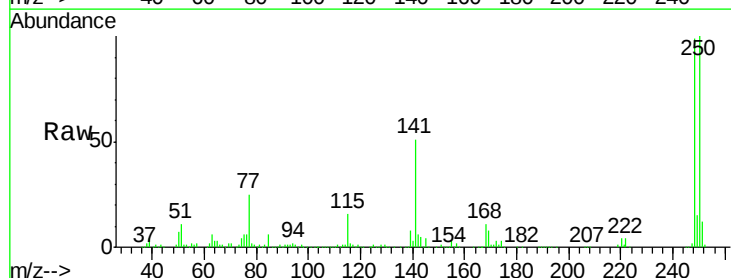


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

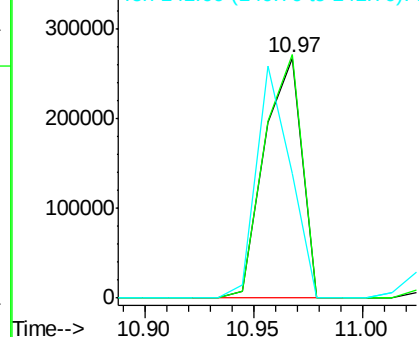
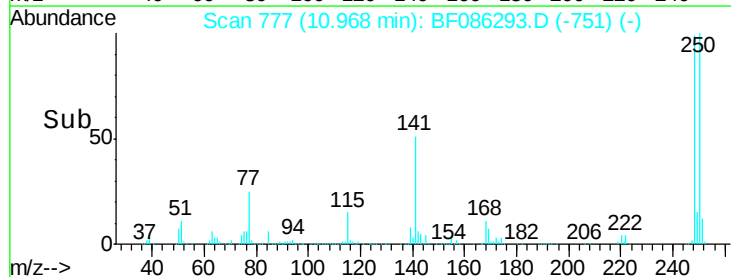


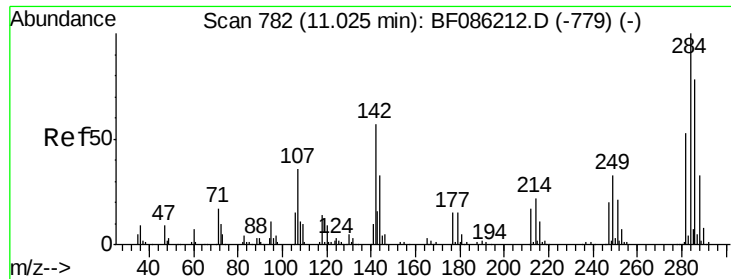
#66
 4-Bromophenyl-phenylether
 Concen: 47.70 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion:248 Resp: 325125
 Ion Ratio Lower Upper
 248 100
 250 101.3 78.6 118.0
 141 51.9 57.9 86.9#



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

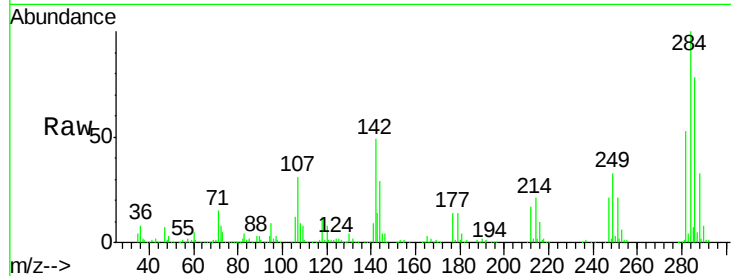




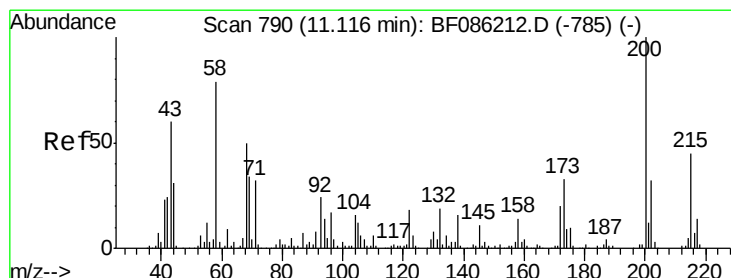
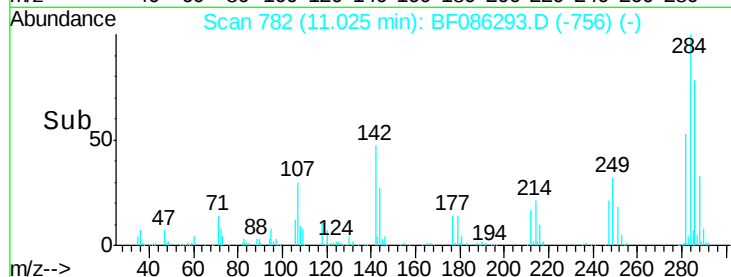
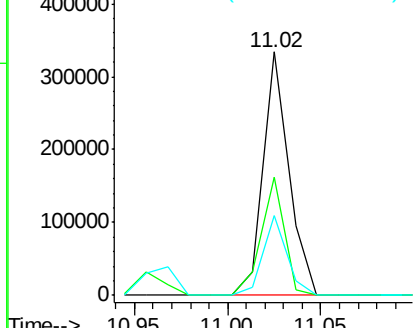
#67
Hexachlorobenzene
Concen: 44.53 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MS

Tgt Ion:284 Resp: 318049
Ion Ratio Lower Upper
284 100
142 48.7 42.6 64.0
249 32.8 25.9 38.9

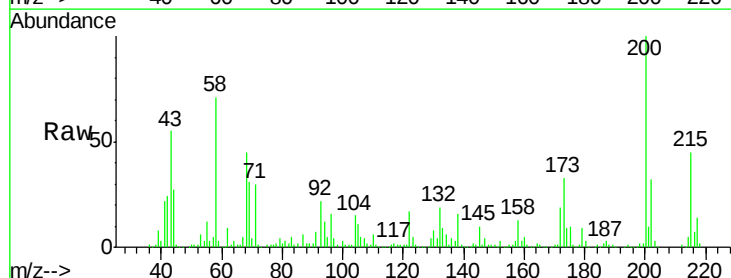


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

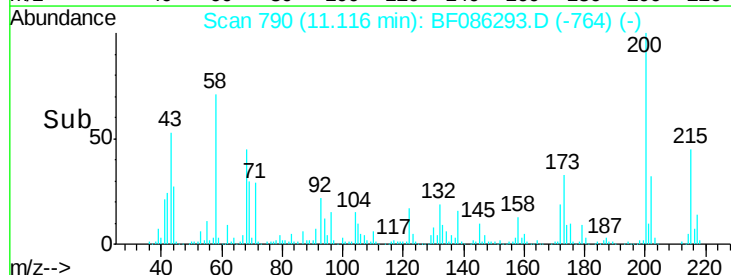
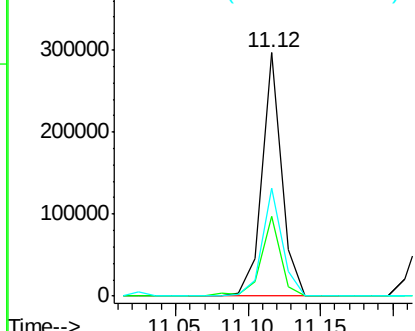


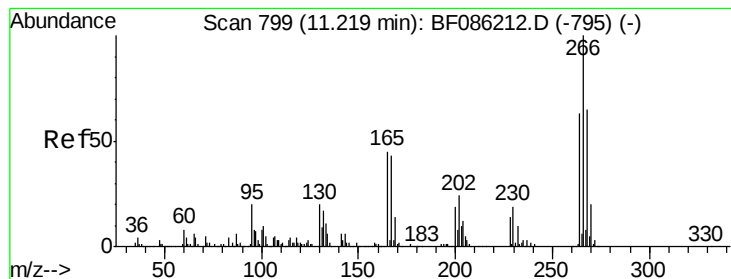
#68
Atrazine
Concen: 40.32 ng
RT: 11.12 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Tgt Ion:200 Resp: 276752
Ion Ratio Lower Upper
200 100
173 32.5 11.2 51.2
215 44.6 24.0 64.0



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





#69

Pentachlorophenol

Concen: 76.72 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

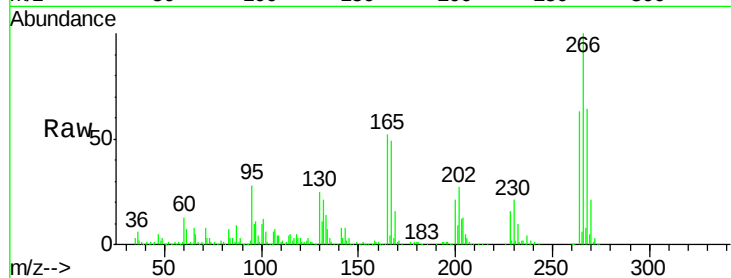
Tgt Ion:266 Resp: 332296

Ion Ratio Lower Upper

266 100

268 64.3 53.0 79.4

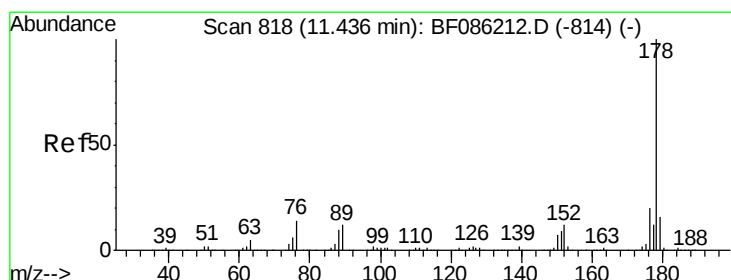
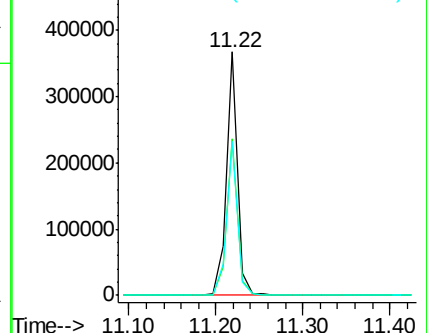
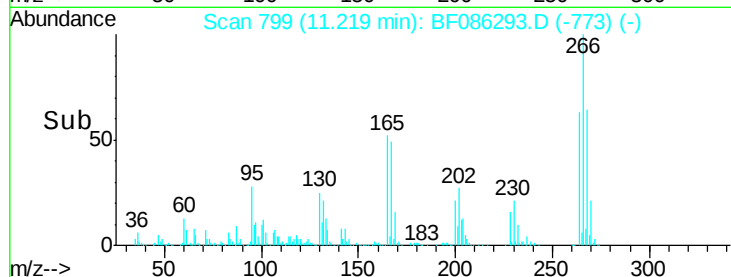
264 63.5 51.3 76.9



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.68 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

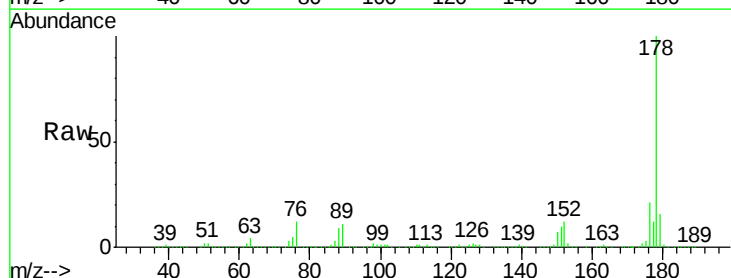
Tgt Ion:178 Resp: 1560693

Ion Ratio Lower Upper

178 100

176 20.6 16.3 24.5

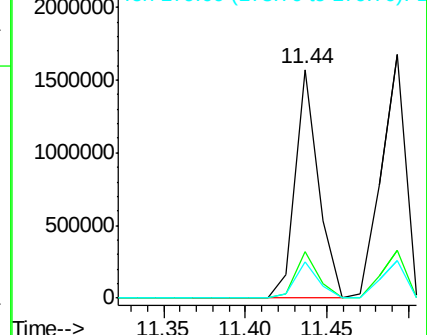
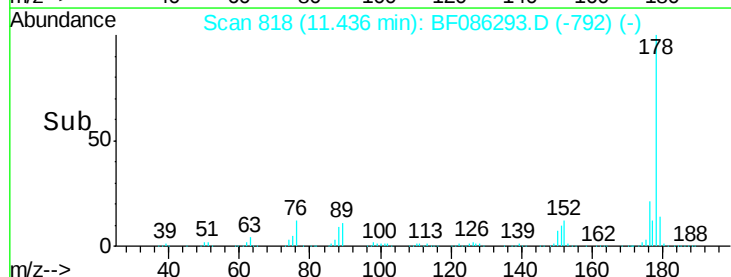
179 16.1 13.0 19.6

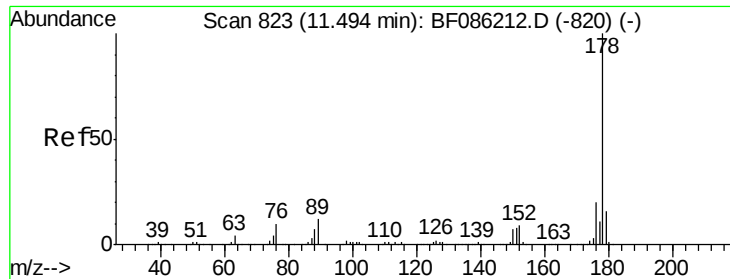


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

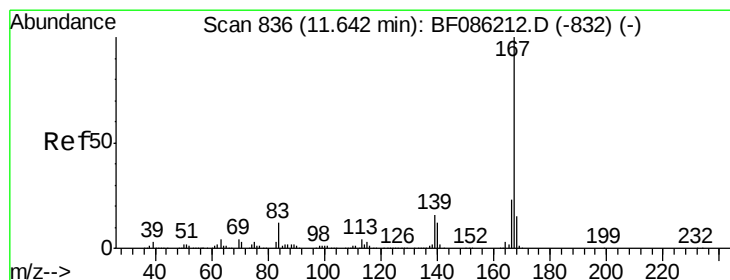
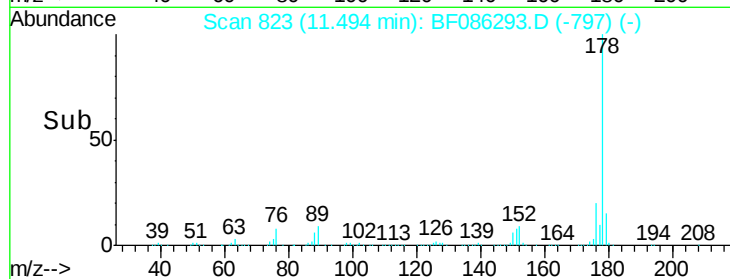
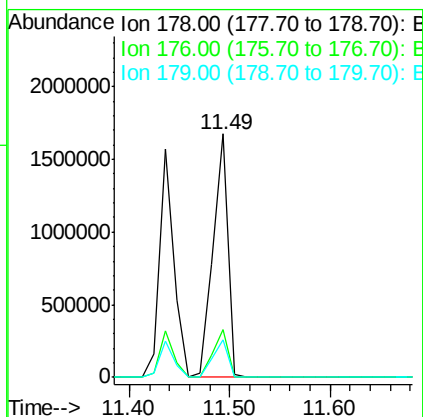
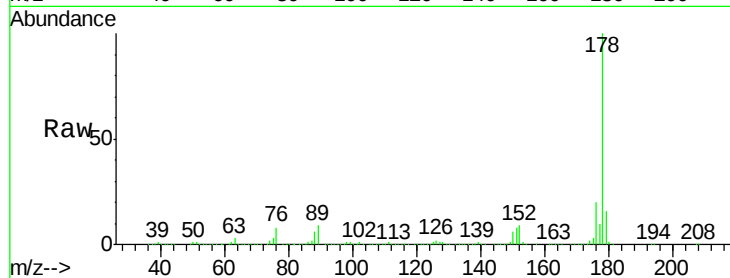




#71
 Anthracene
 Concen: 62.56 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

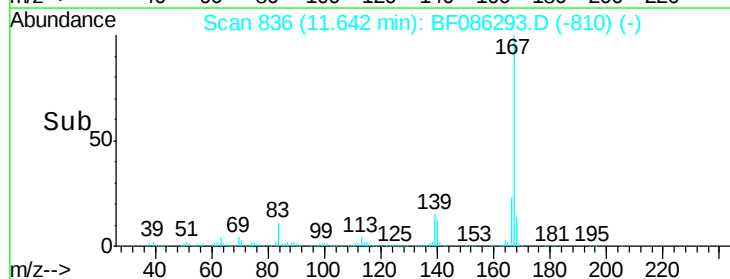
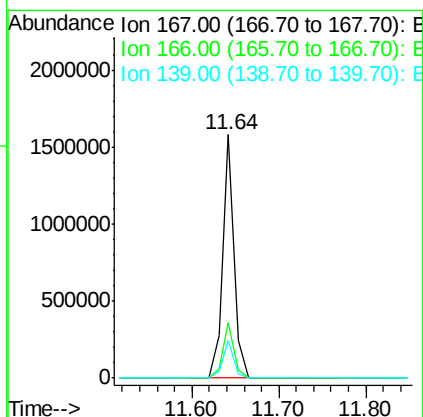
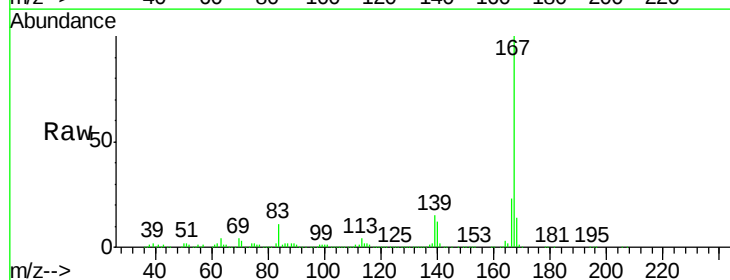
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

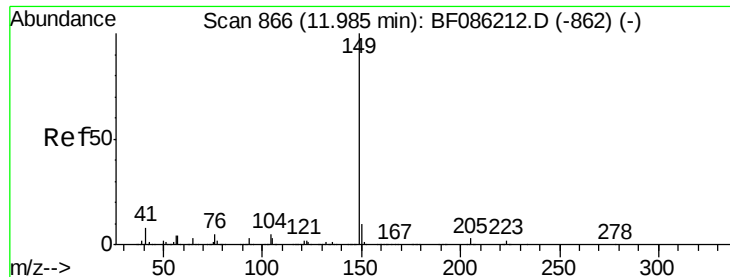
Tgt Ion:178 Resp: 1719677
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 15.6 13.2 19.8



#72
 Carbazole
 Concen: 43.89 ng
 RT: 11.64 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion:167 Resp: 1458281
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.3 27.5
 139 15.3 12.3 18.5





#73

Di-n-butylphthalate

Concen: 46.81 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

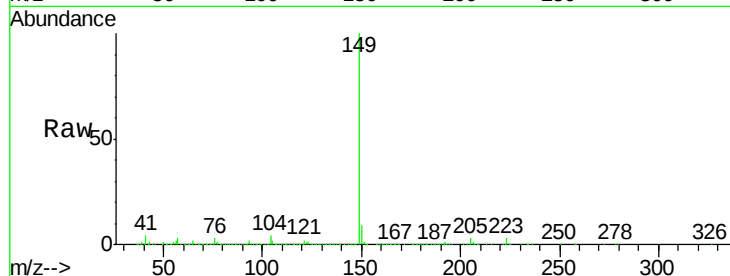
Tgt Ion:149 Resp: 2102669

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.8

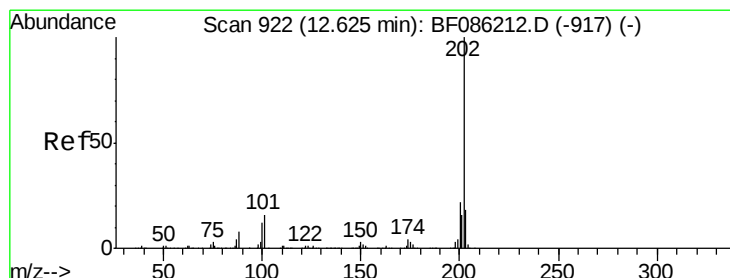
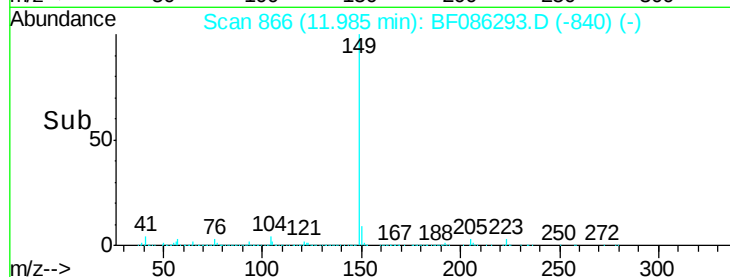
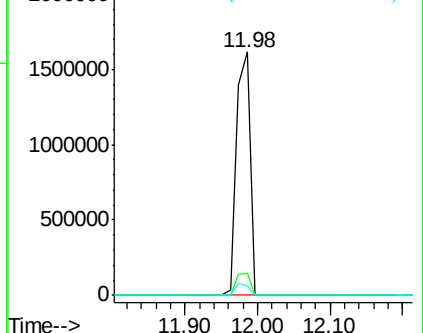
104 3.8 4.1 6.1#



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



#74

Fluoranthene

Concen: 55.60 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

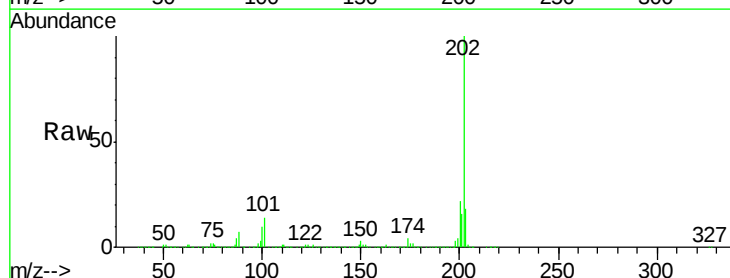
Tgt Ion:202 Resp: 1632087

Ion Ratio Lower Upper

202 100

101 13.8 0.0 35.2

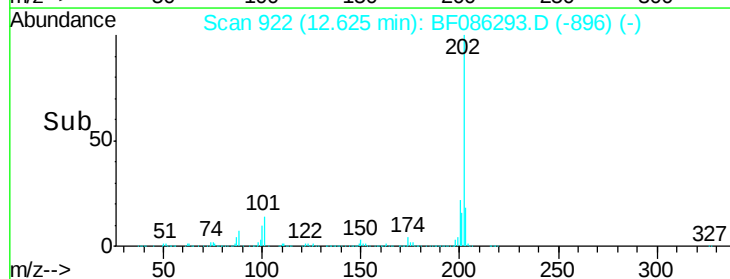
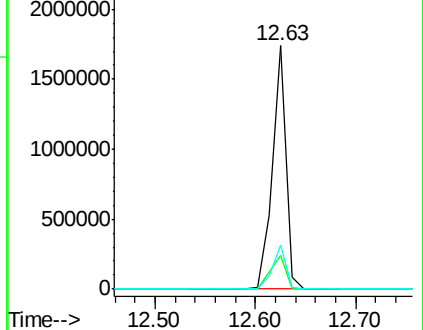
203 18.3 0.0 38.2

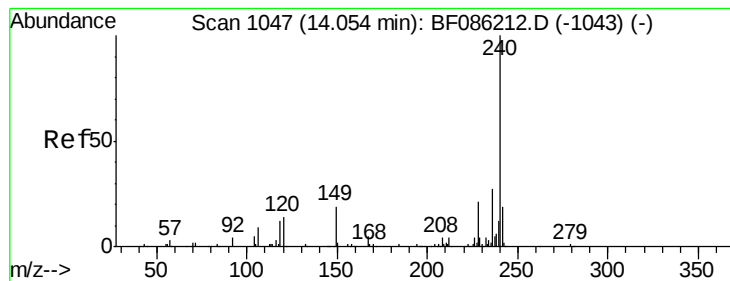


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

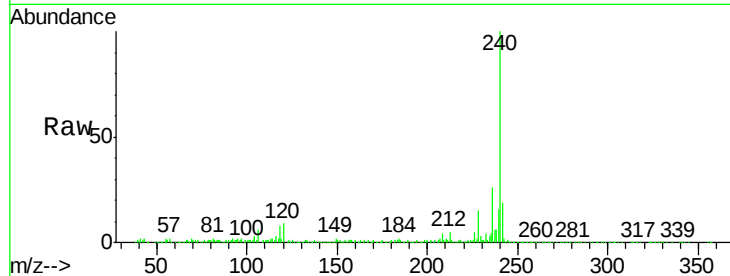
Tgt Ion:240 Resp: 421760

Ion Ratio Lower Upper

240 100

120 8.6 9.3 13.9#

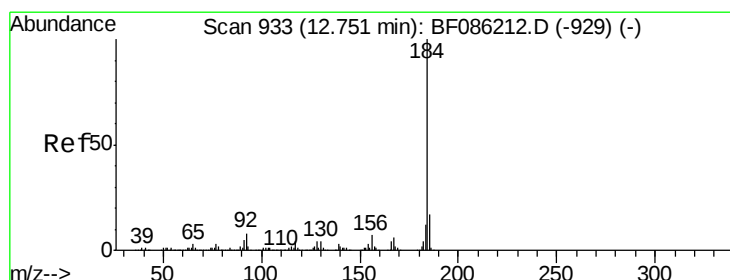
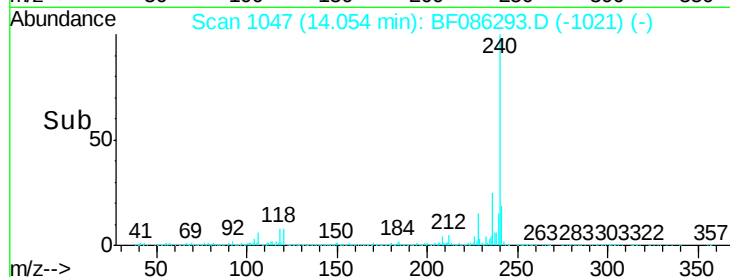
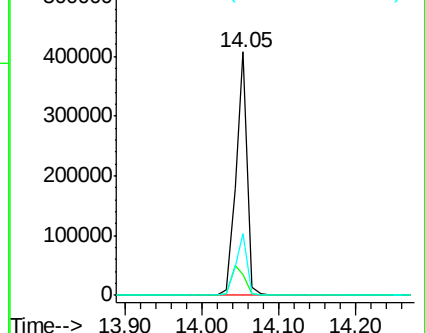
236 25.6 21.1 31.7



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



#76

Benzidine

Concen: 41.53 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

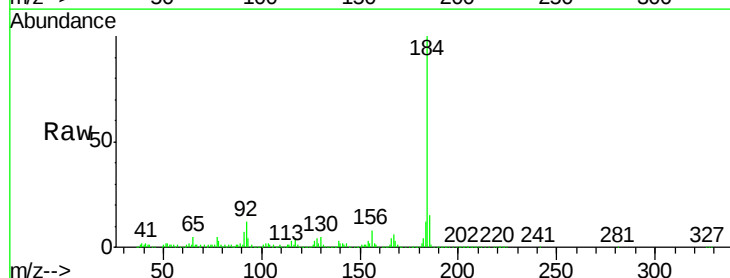
Tgt Ion:184 Resp: 679383

Ion Ratio Lower Upper

184 100

185 15.5 14.2 21.2

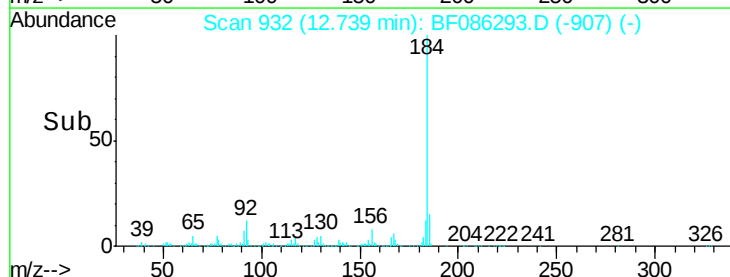
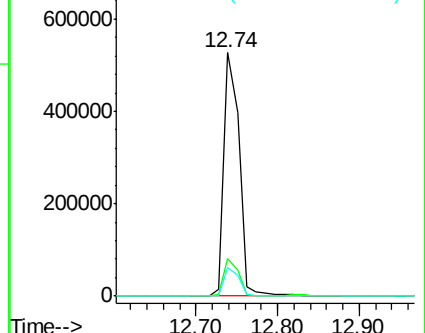
183 12.0 9.8 14.6

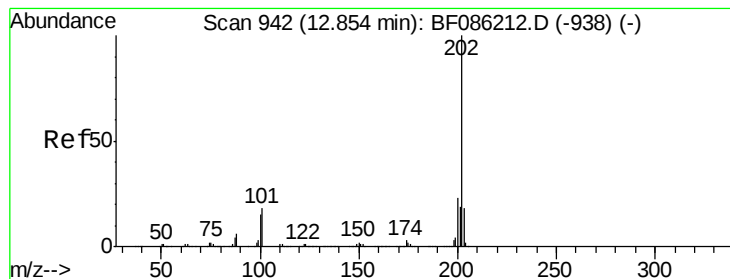


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 50.47 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

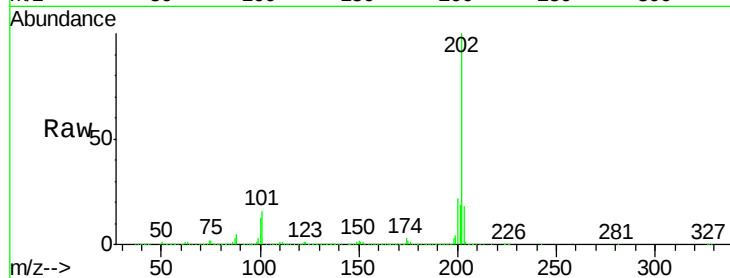
Tgt Ion:202 Resp: 1633038

Ion Ratio Lower Upper

202 100

200 22.4 18.3 27.5

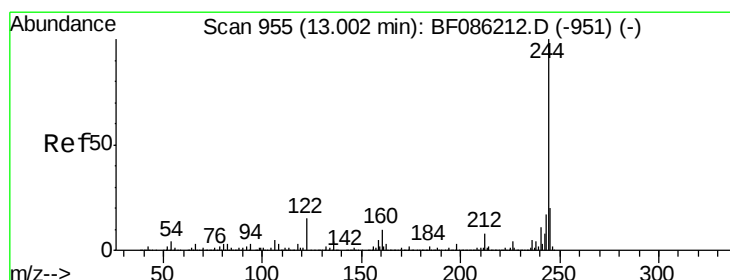
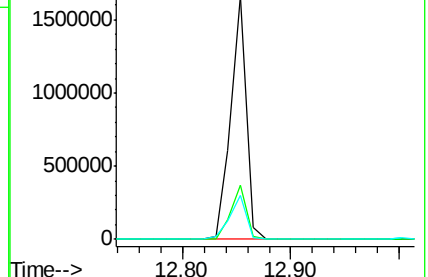
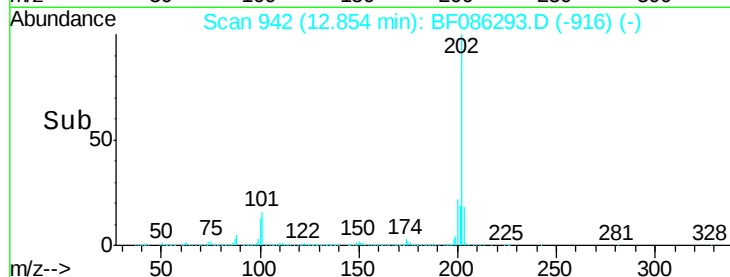
203 18.2 14.9 22.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 90.41 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

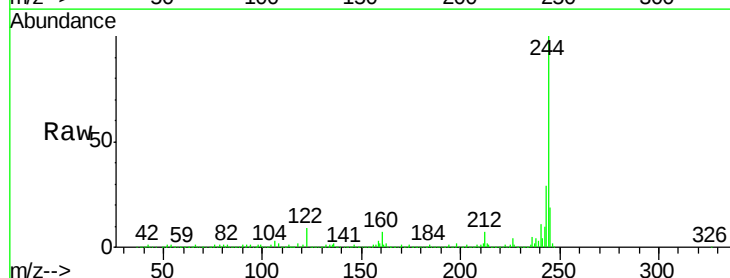
Tgt Ion:244 Resp: 1516488

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

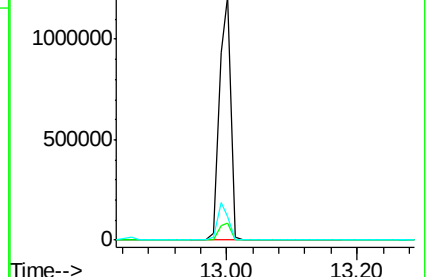
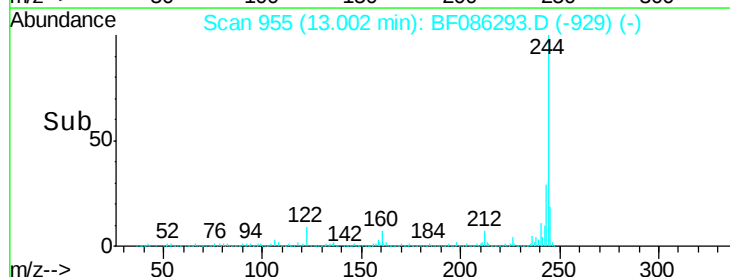
122 9.5 11.7 17.5

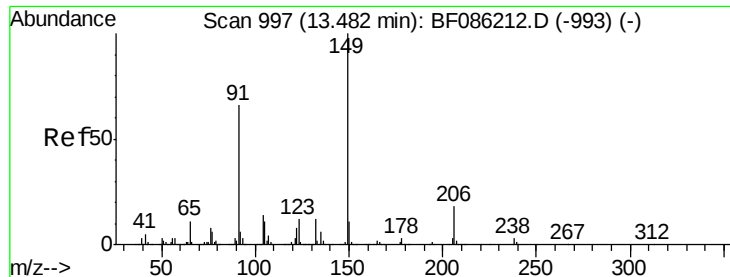


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

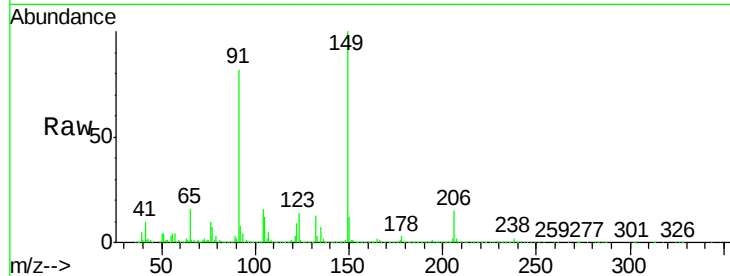




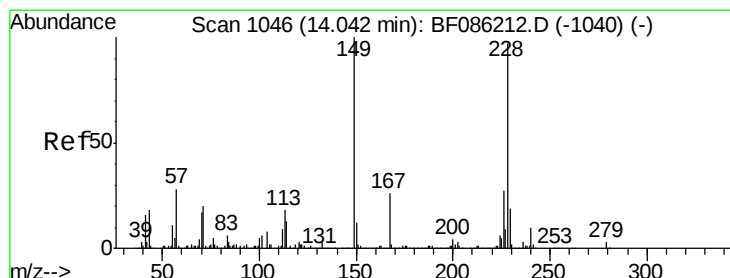
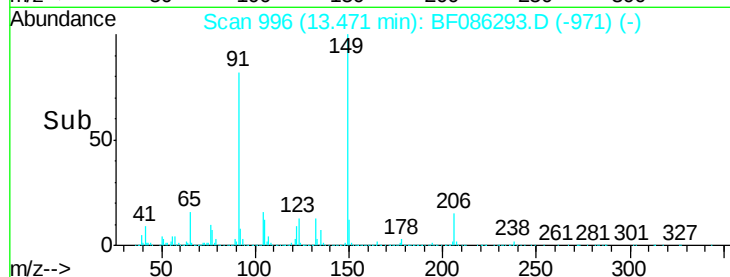
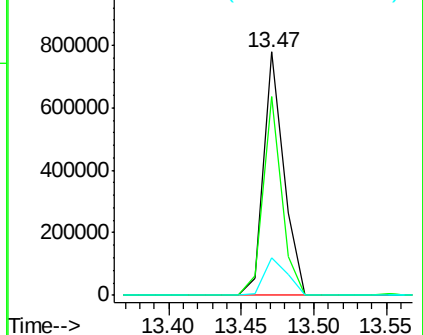
#79
Butylbenzylphthalate
Concen: 50.24 ng
RT: 13.47 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Instrument :
BNA_F
ClientSampleId :
SP-1-A(0-2)MS

Tgt Ion:149 Resp: 750929
Ion Ratio Lower Upper
149 100
91 81.6 48.7 73.1#
206 15.2 15.7 23.5#

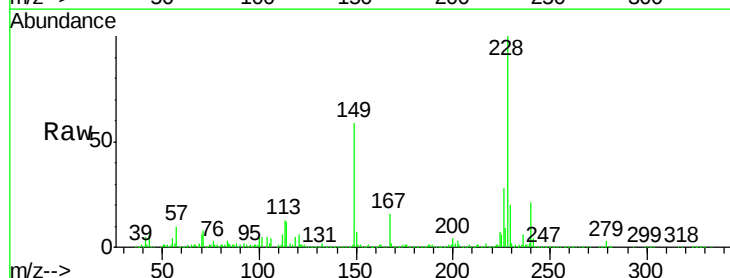


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

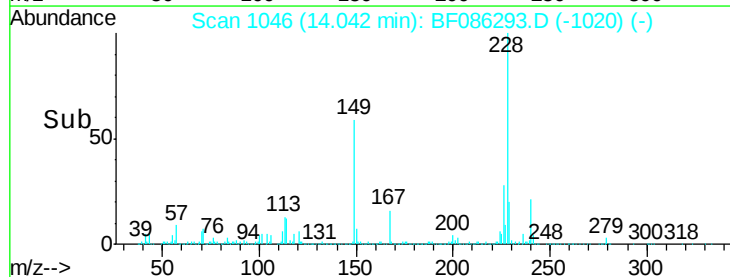
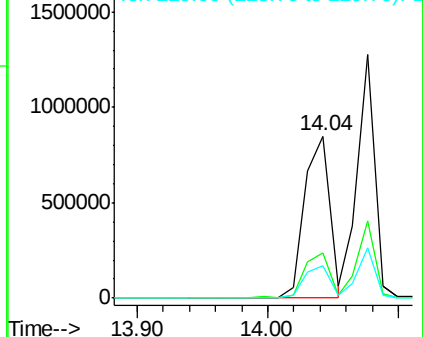


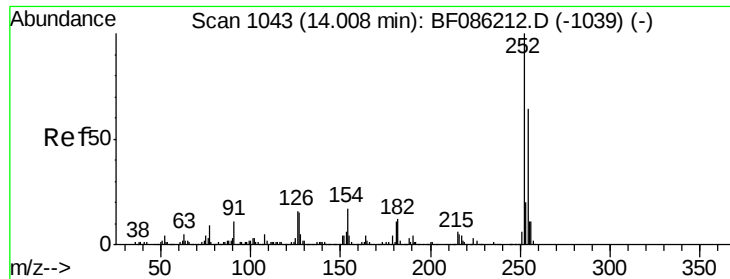
#80
Benzo(a)anthracene
Concen: 48.39 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF086293.D
Acq: 18 Apr 2016 20:34

Tgt Ion:228 Resp: 1120460
Ion Ratio Lower Upper
228 100
226 28.0 22.5 33.7
229 19.8 16.2 24.2



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

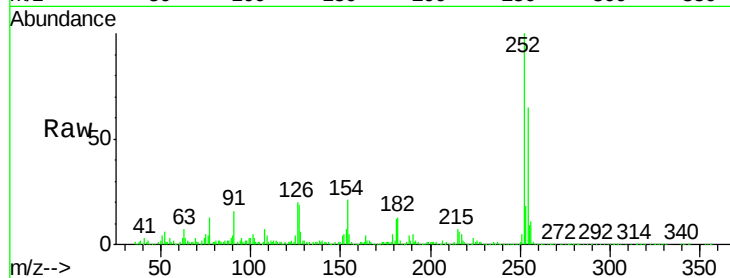




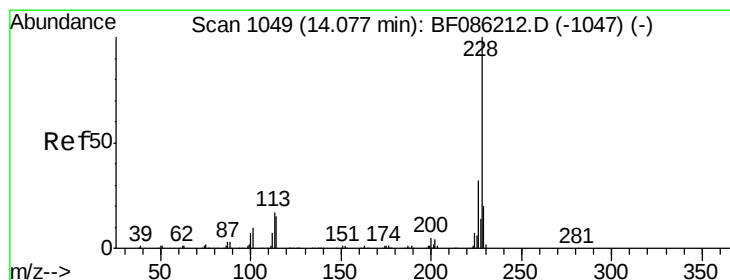
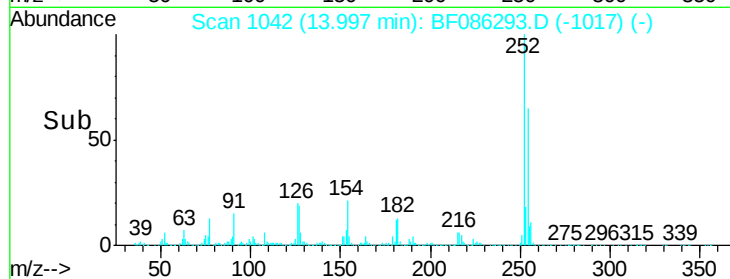
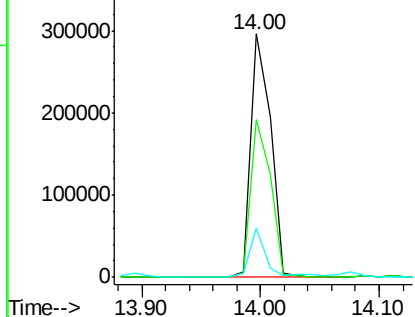
#81
 3,3'-Dichlorobenzidine
 Concen: 25.87 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

Tgt Ion:252 Resp: 347211
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.1 78.1
 126 20.2 13.2 19.8#

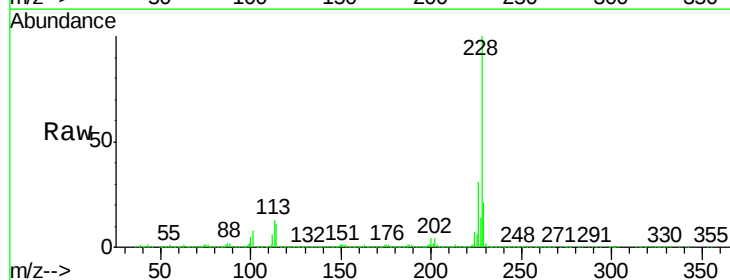


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

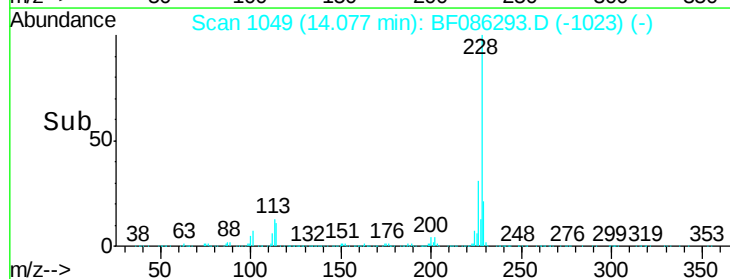
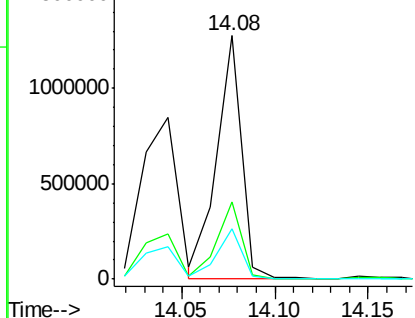


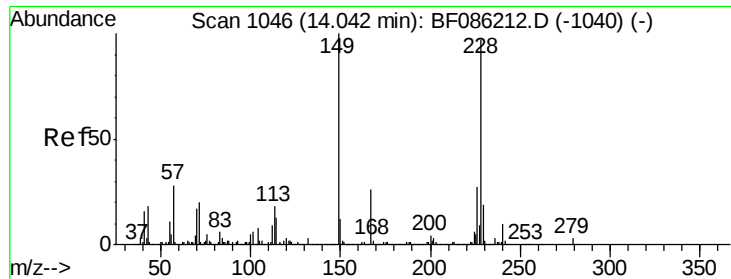
#82
 Chrysene
 Concen: 47.85 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion:228 Resp: 1181220
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.4 38.2
 229 20.6 16.5 24.7



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

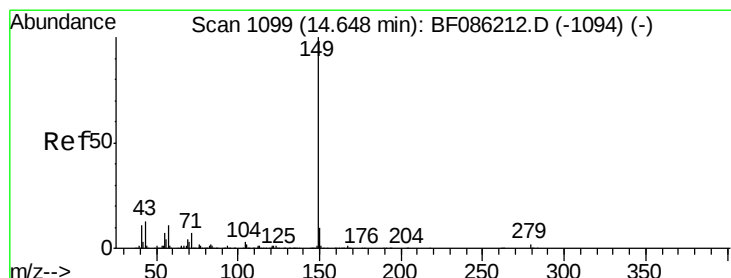
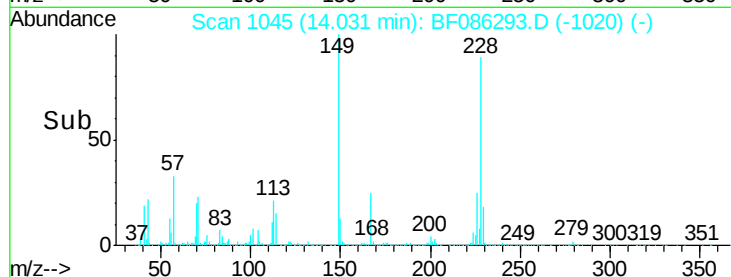
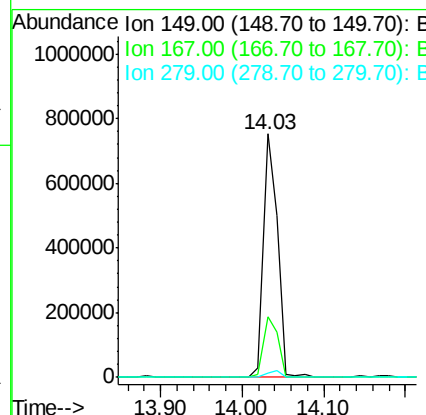
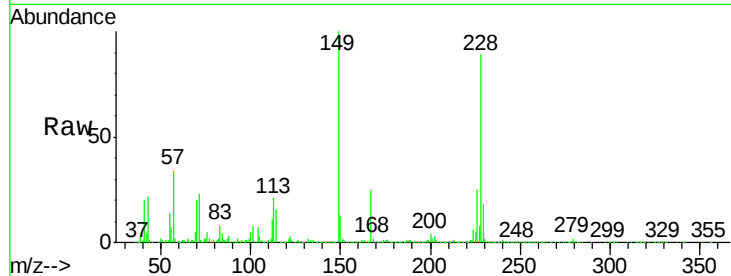




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.43 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

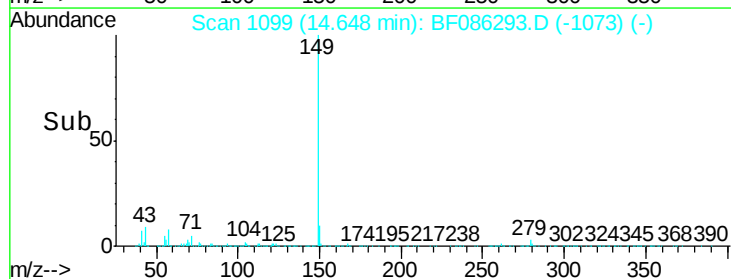
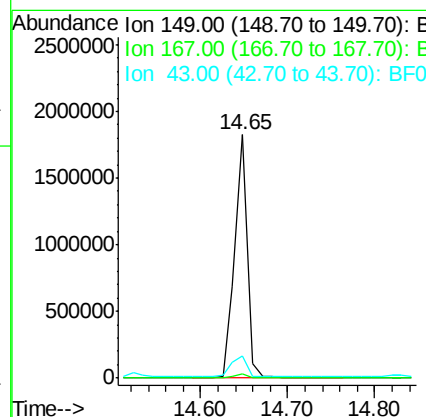
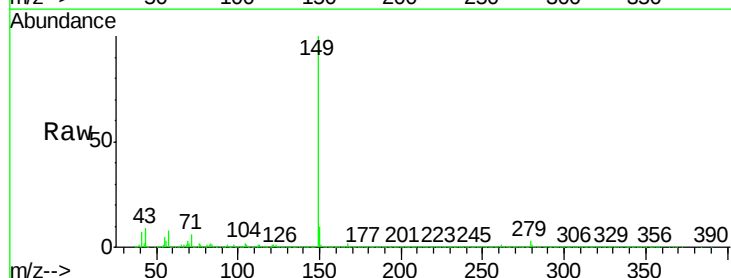
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

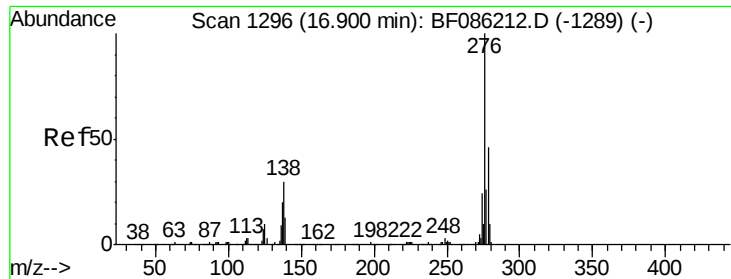
Tgt Ion:149 Resp: 894636
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.0 31.4
 279 1.9 2.4 3.6#



#84
 Di-n-octyl phthalate
 Concen: 58.24 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion:149 Resp: 1811962
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 11.0 9.1 13.7

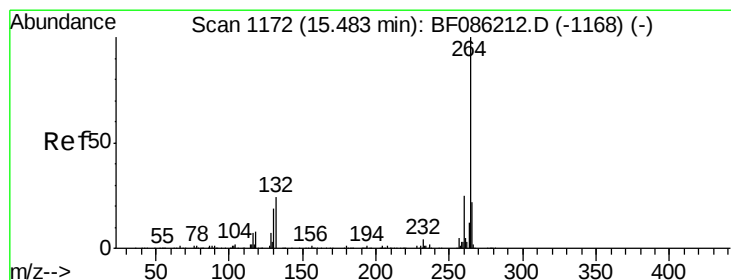
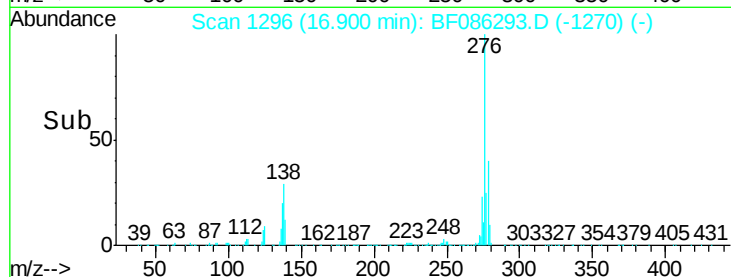
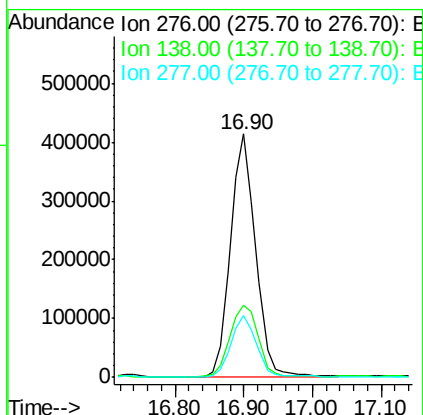
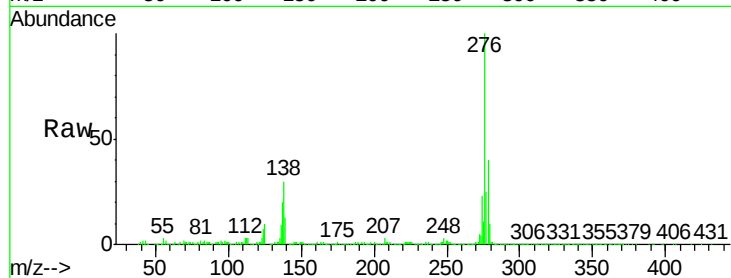




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.15 ng
 RT: 16.90 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

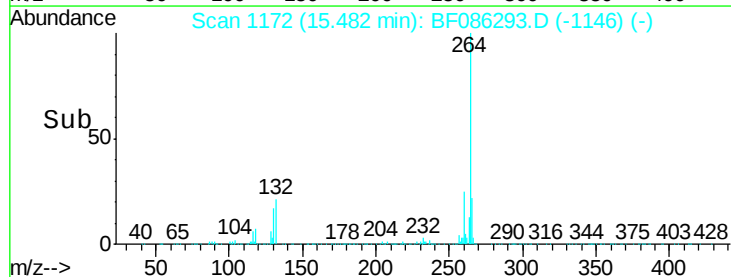
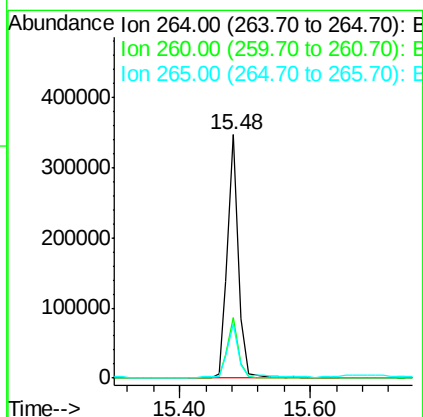
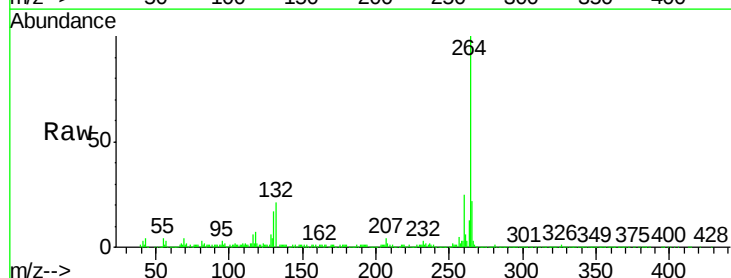
Instrument :
 BNA_F
 ClientSampleId :
 SP-1-A(0-2)MS

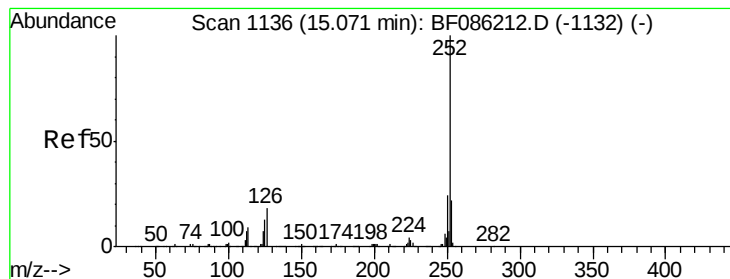
Tgt Ion: 276 Resp: 1058238
 Ion Ratio Lower Upper
 276 100
 138 32.8 23.8 35.6
 277 25.6 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086293.D
 Acq: 18 Apr 2016 20:34

Tgt Ion: 264 Resp: 406730
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.0 30.0
 265 22.3 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 86.82 ng

RT: 15.07 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

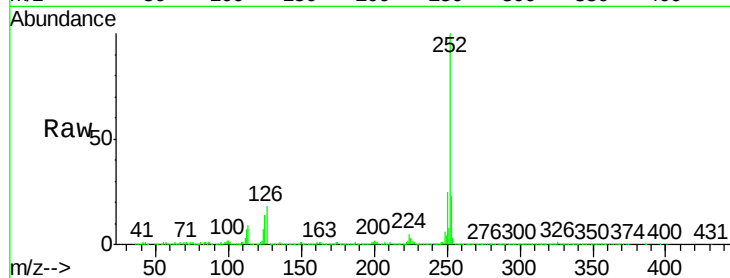
Tgt Ion:252 Resp: 2178549

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

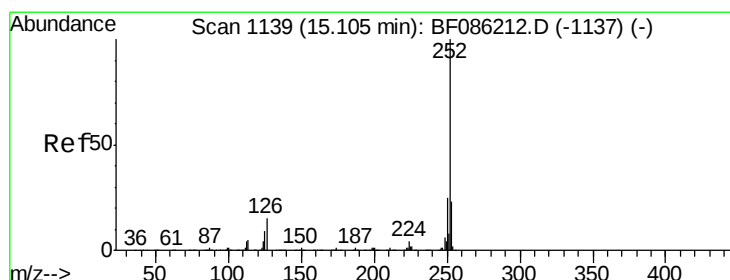
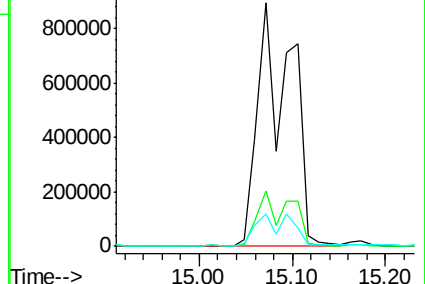
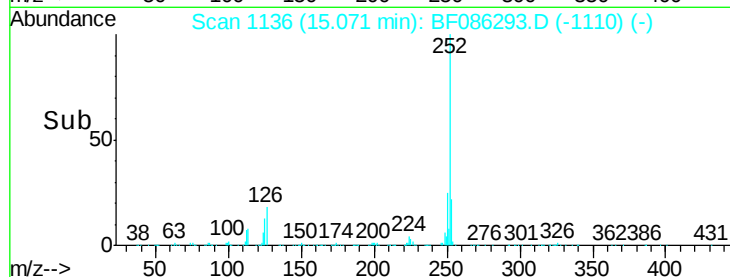
125 13.6 10.3 15.5



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



#88

Benzo(k)fluoranthene

Concen: 95.22 ng

RT: 15.07 min Scan# 1136

Delta R.T. -0.03 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

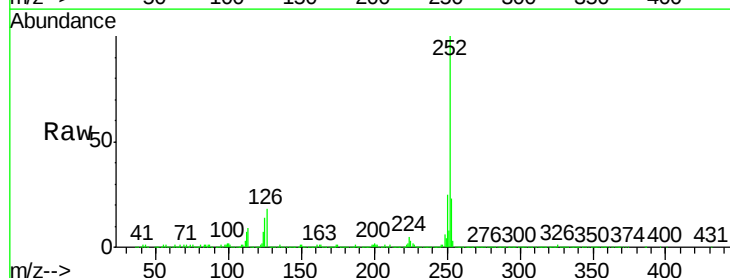
Tgt Ion:252 Resp: 2178549

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

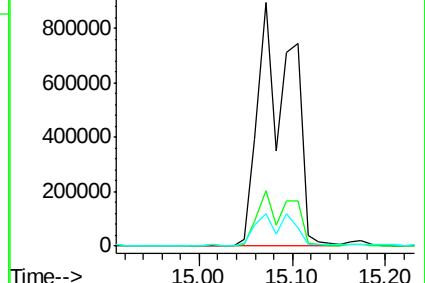
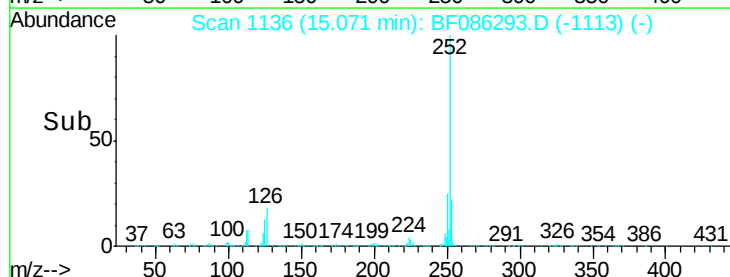
125 13.6 7.8 11.6#

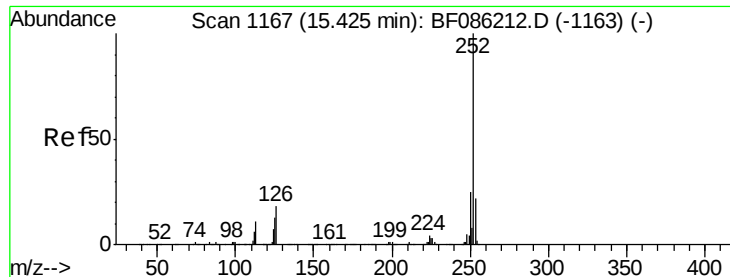


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.57 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

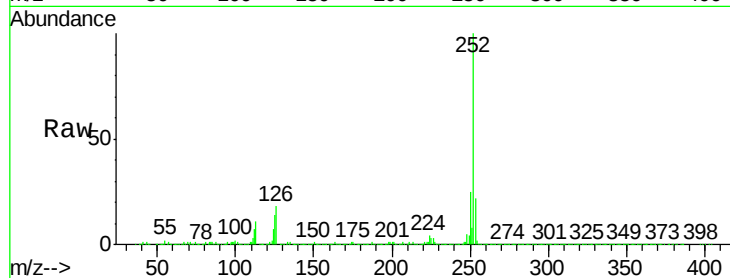
Tgt Ion:252 Resp: 1034068

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

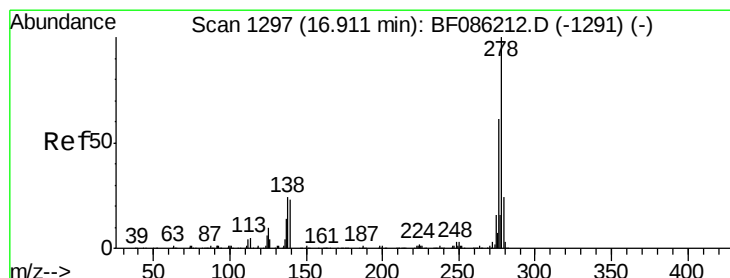
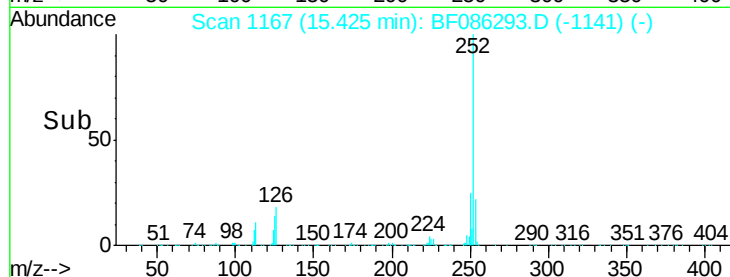
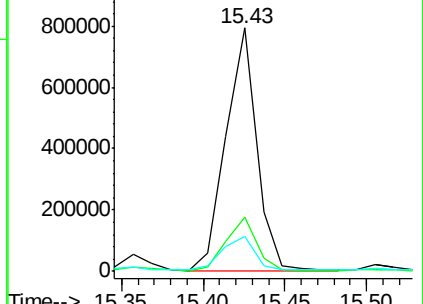
125 14.1 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.26 ng

RT: 16.92 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

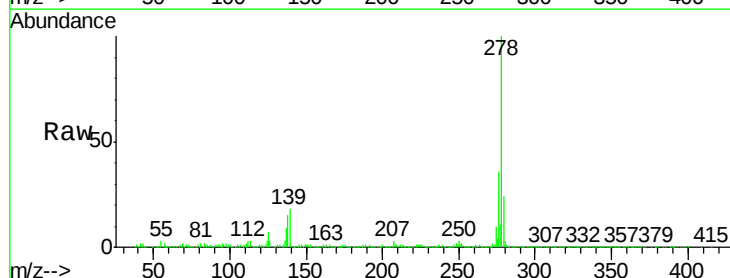
Tgt Ion:278 Resp: 869372

Ion Ratio Lower Upper

278 100

139 18.2 15.3 22.9

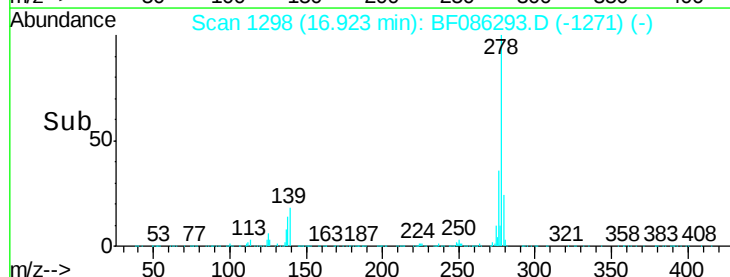
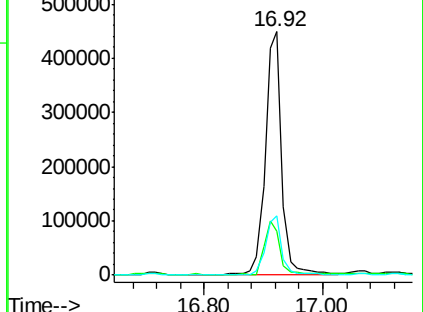
279 24.1 19.1 28.7

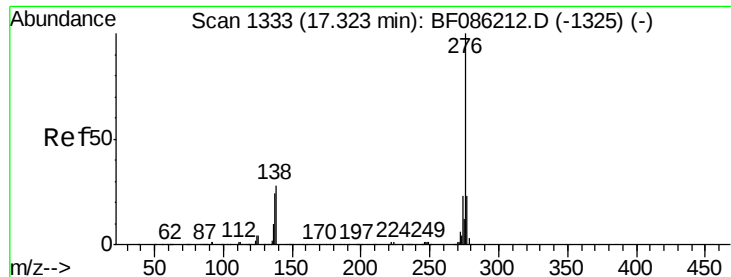


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 44.30 ng

RT: 17.32 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF086293.D

Acq: 18 Apr 2016 20:34

Instrument :

BNA_F

ClientSampleId :

SP-1-A(0-2)MS

Tgt Ion: 276 Resp: 904882

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.6

138 30.3 19.6 29.4#

