

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121015\
 Data File : BF083691.D
 Acq On : 10 Dec 2015 23:01
 Operator : UM/IZ
 Sample : G4659-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MSD

Quant Time: Dec 11 01:08:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.61	152	148918	20.00	ng	-0.09
21) Naphthalene-d8	7.50	136	579998	20.00	ng	-0.10
38) Acenaphthene-d10	10.29	164	282632	20.00	ng	-0.09
63) Phenanthrene-d10	12.69	188	505360	20.00	ng	-0.09
75) Chrysene-d12	16.91	240	380313	20.00	ng	-0.08
86) Perylene-d12	18.57	264	312612	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	3.90	112	1345607	137.05	ng	-0.07
7) Phenol-d6	5.20	99	1692147	128.98	ng	-0.08
23) Nitrobenzene-d5	6.44	82	1107014	89.06	ng	-0.09
41) 2,4,6-Tribromophenol	11.60	330	330878	131.41	ng	-0.09
44) 2-Fluorobiphenyl	9.25	172	1685662	83.94	ng	-0.09
78) Terphenyl-d14	15.31	244	1514762	93.71	ng	-0.10

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.80	88	154912	31.94	ng	# 80
3) Pyridine	2.24	79	490155	41.59	ng	100
4) n-Nitrosodimethylamine	2.20	42	280812	45.26	ng	98
6) Aniline	5.17	93	395211	24.45	ng	90
8) 2-Chlorophenol	5.33	128	481342	44.83	ng	98
9) Benzaldehyde	5.04	77	134649	16.31	ng	97
10) Phenol	5.21	94	729277	45.90	ng	84
11) bis(2-Chloroethyl)ether	5.28	93	518470	44.35	ng	99
12) 1,3-Dichlorobenzene	5.53	146	516791	43.18	ng	99
13) 1,4-Dichlorobenzene	5.63	146	520450	42.39	ng	99
14) 1,2-Dichlorobenzene	5.85	146	497243	43.64	ng	97
15) Benzyl Alcohol	5.87	79	486010	52.07	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.04	45	912572	42.21	ng	# 62
17) 2-Methylphenol	6.06	107	413254	47.30	ng	# 90
18) Hexachloroethane	6.32	117	177757	41.00	ng	93
19) n-Nitroso-di-n-propylamine	6.25	70	406685	44.41	ng	93
20) 3+4-Methylphenols	6.30	107	516531	44.90	ng	99
22) Acetophenone	6.22	105	680047	41.80	ng	95
24) Nitrobenzene	6.48	77	572934	41.70	ng	96
25) Isophorone	6.84	82	1053479	43.67	ng	99
26) 2-Nitrophenol	6.96	139	243661	44.67	ng	94
27) 2,4-Dimethylphenol	7.08	122	408515	42.81	ng	96
28) bis(2-Chloroethoxy)methane	7.20	93	625944	46.73	ng	99
29) 2,4-Dichlorophenol	7.37	162	417878	48.15	ng	99
30) 1,2,4-Trichlorobenzene	7.44	180	414959	43.29	ng	97
31) Naphthalene	7.54	128	1381787	44.98	ng	99
32) Benzoic acid	7.39	122	99089	18.21	ng	97
33) 4-Chloroaniline	7.70	127	174837	15.61	ng	96
34) Hexachlorobutadiene	7.74	225	240206	42.89	ng	98
35) Caprolactam	8.29	113	65675	25.21	ng	91
36) 4-Chloro-3-methylphenol	8.54	107	441266	45.26	ng	96
37) 2-Methylnaphthalene	8.64	142	899493	46.62	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	394943	42.56	ng	# 100
40) Hexachlorocyclopentadiene	8.89	237	89767	54.95	ng	97

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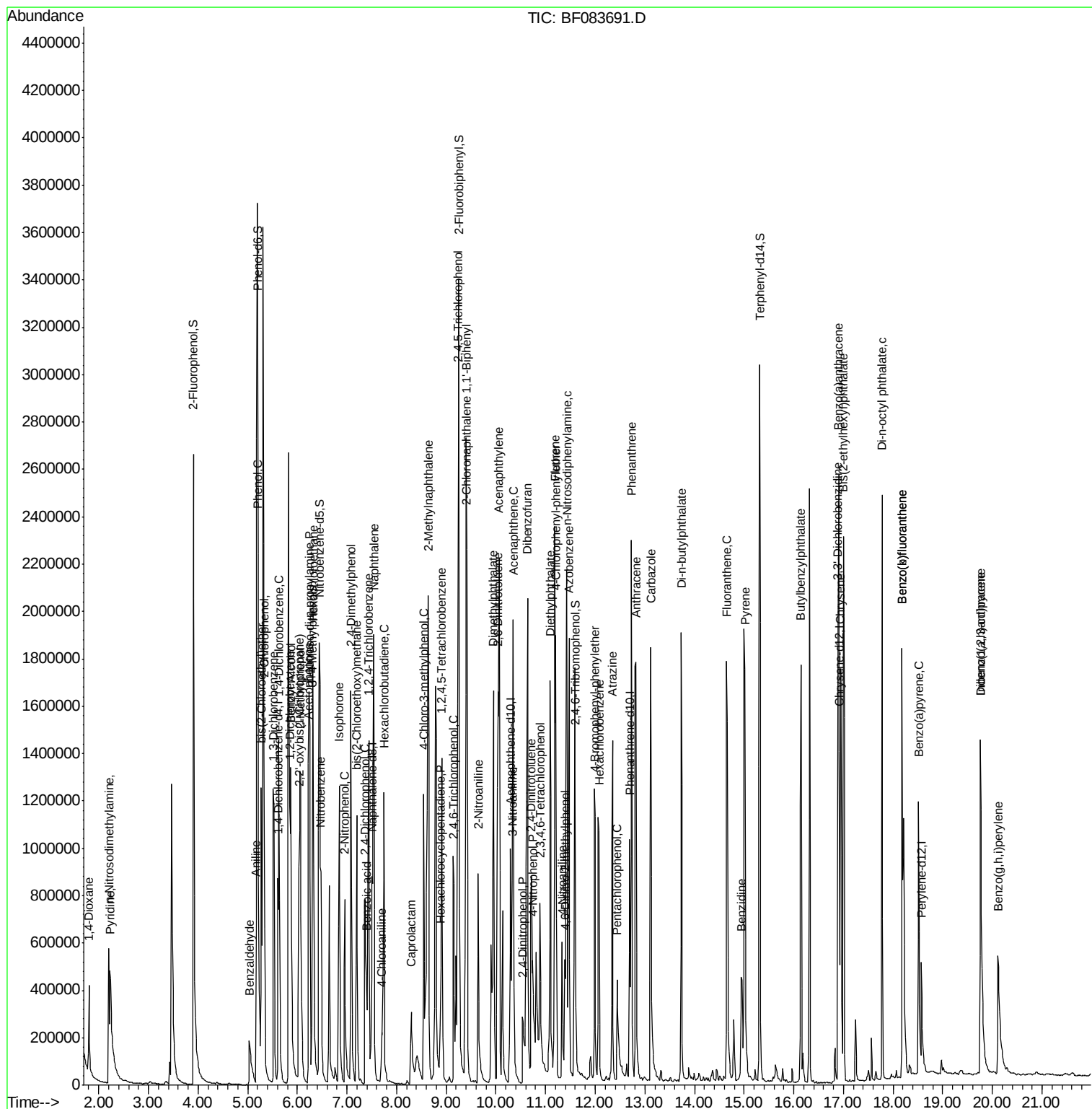
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	249007	45.02	ng	96
43) 2,4,5-Trichlorophenol	9.24	196	244513	44.73	ng	97
45) 1,1'-Biphenyl	9.40	154	1050412	42.76	ng	100
46) 2-Chloronaphthalene	9.41	162	816366	44.01	ng	96
47) 2-Nitroaniline	9.64	65	321719	48.10	ng	# 85
48) Acenaphthylene	10.06	152	1287819	42.11	ng	100
49) Dimethylphthalate	9.95	163	1163228	51.70	ng	100
50) 2,6-Dinitrotoluene	10.04	165	204929	44.12	ng	# 88
51) Acenaphthene	10.35	154	759917	43.40	ng	98
52) 3-Nitroaniline	10.33	138	127474	25.82	ng	85
53) 2,4-Dinitrophenol	10.54	184	178453	77.79	ng	97
54) Dibenzofuran	10.64	168	1150741	47.39	ng	97
55) 4-Nitrophenol	10.74	139	195129	89.78	ng	90
56) 2,4-Dinitrotoluene	10.72	165	289428	46.98	ng	# 78
57) Fluorene	11.18	166	906622	42.78	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.89	232	213652	48.51	ng	# 100
59) Diethylphthalate	11.09	149	927440	42.40	ng	99
60) 4-Chlorophenyl-phenylether	11.21	204	424013	42.03	ng	99
61) 4-Nitroaniline	11.33	138	191114	42.61	ng	95
62) Azobenzene	11.47	77	1190008	49.43	ng	99
64) 4,6-Dinitro-2-methylphenol	11.39	198	135073	39.59	ng	78
65) n-Nitrosodiphenylamine	11.42	169	765812	45.92	ng	99
66) 4-Bromophenyl-phenylether	12.00	248	245140	43.49	ng	93
67) Hexachlorobenzene	12.08	284	268165	44.85	ng	# 85
68) Atrazine	12.35	200	242583	48.88	ng	98
69) Pentachlorophenol	12.44	266	154804	93.35	ng	99
70) Phenanthrene	12.73	178	1308770	45.07	ng	99
71) Anthracene	12.82	178	1334094	44.35	ng	99
72) Carbazole	13.12	167	1209804	46.90	ng	98
73) Di-n-butylphthalate	13.73	149	1425399	43.94	ng	99
74) Fluoranthene	14.65	202	1311735	44.16	ng	97
76) Benzidine	14.95	184	345789	29.23	ng	95
77) Pyrene	15.01	202	1323687	48.34	ng	99
79) Butylbenzylphthalate	16.15	149	589054	48.47	ng	96
80) Benzo(a)anthracene	16.90	228	1025693	46.08	ng	99
81) 3,3'-Dichlorobenzidine	16.89	252	246202	32.74	ng	98
82) Chrysene	16.95	228	984473	44.12	ng	99
83) Bis(2-ethylhexyl)phthalate	17.00	149	826677	49.01	ng	# 97
84) Di-n-octyl phthalate	17.78	149	1269752	49.26	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.76	276	837602	55.61	ng	# 100
87) Benzo(b)fluoranthene	18.18	252	1639198	92.08	ng	99
88) Benzo(k)fluoranthene	18.18	252	1639198	83.57	ng	# 96
89) Benzo(a)pyrene	18.51	252	754187	43.42	ng	# 96
90) Dibenzo(a,h)anthracene	19.76	278	715906	53.90	ng	99
91) Benzo(g,h,i)perylene	20.11	276	686160	52.99	ng	98

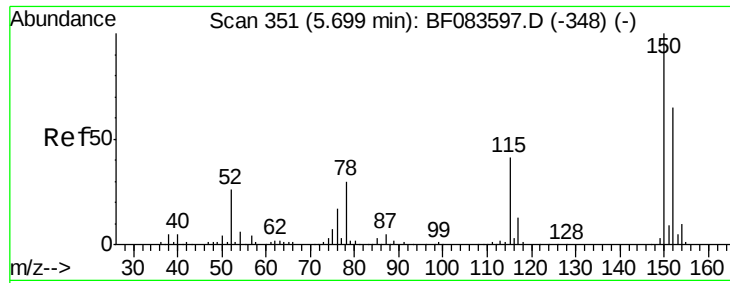
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.61 min Scan# 343

Delta R.T. -0.09 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

ClientSampleId :

SB-04MSD

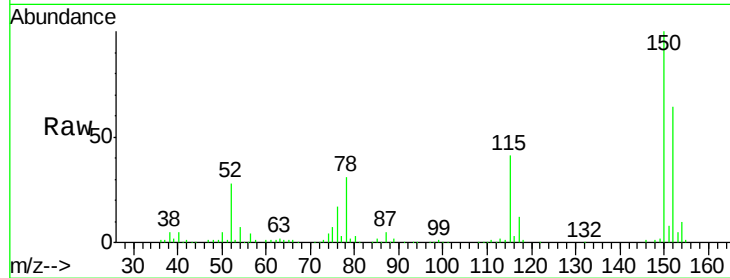
Tgt Ion:152 Resp: 148918

Ion Ratio Lower Upper

152 100

150 155.9 126.5 189.7

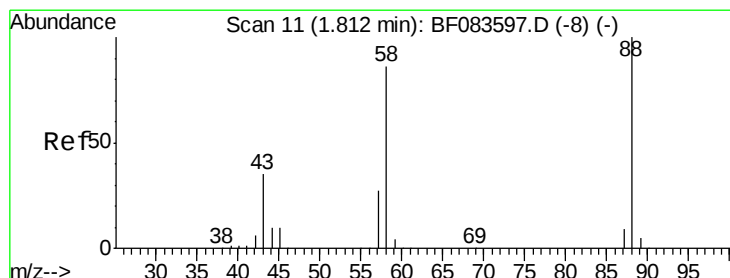
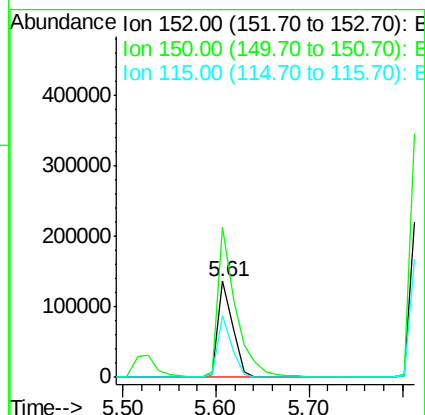
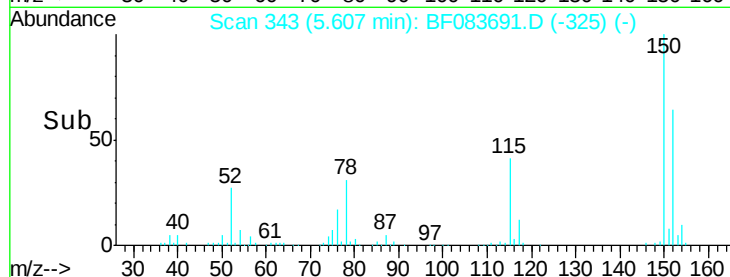
115 63.8 52.3 78.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.94 ng

RT: 1.80 min Scan# 10

Delta R.T. -0.01 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

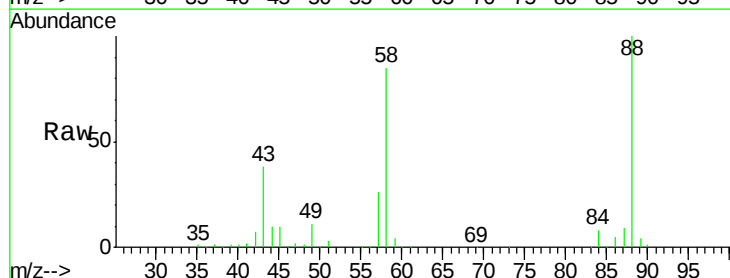
Tgt Ion: 88 Resp: 154912

Ion Ratio Lower Upper

88 100

58 96.4 68.0 102.0

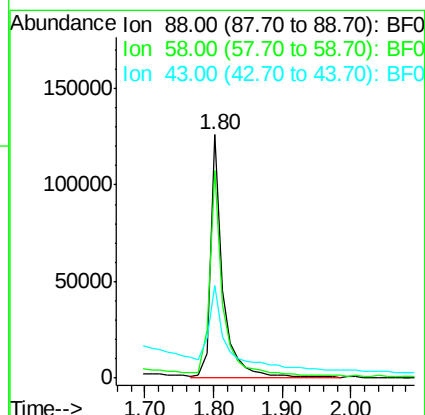
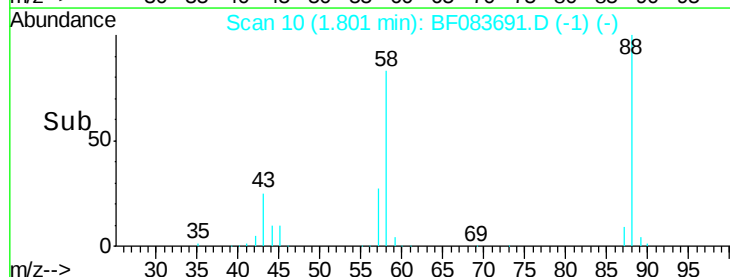
43 57.4 27.9 41.9#

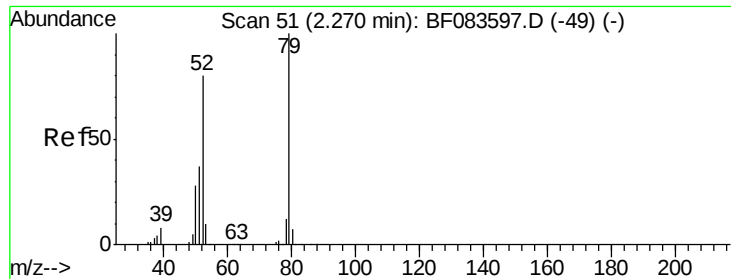


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 41.59 ng

RT: 2.24 min Scan# 48

Delta R.T. -0.03 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

Instrument :

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ClientSampleId :

SB-04MSD

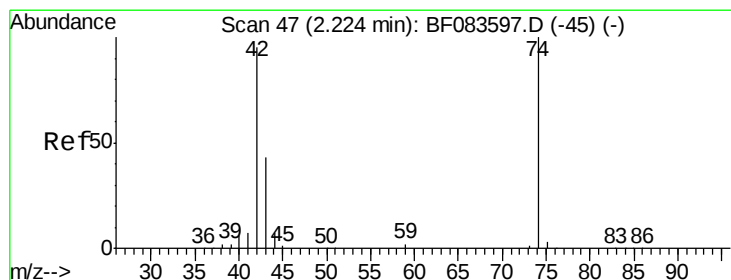
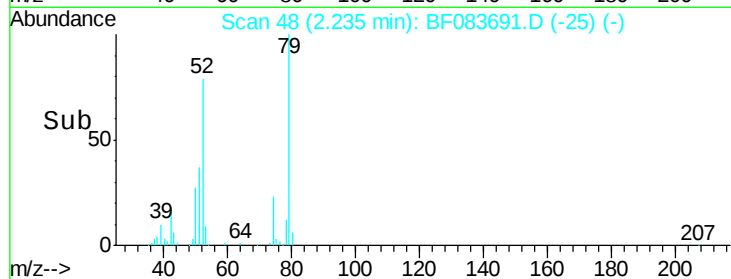
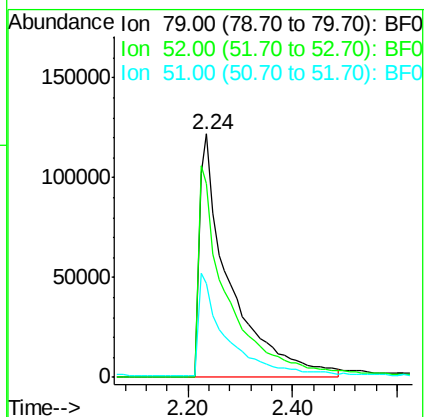
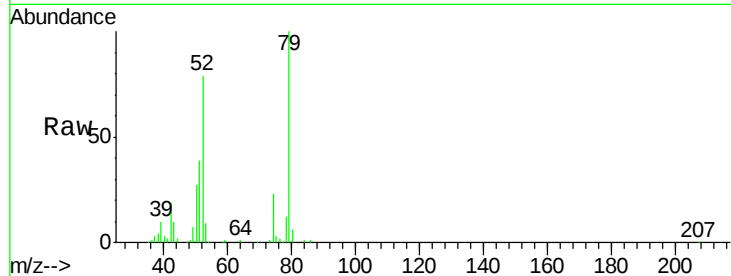
Tgt Ion: 79 Resp: 490155

Ion Ratio Lower Upper

79 100

52 79.5 63.7 95.5

51 38.8 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 45.26 ng

RT: 2.20 min Scan# 45

Delta R.T. -0.02 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

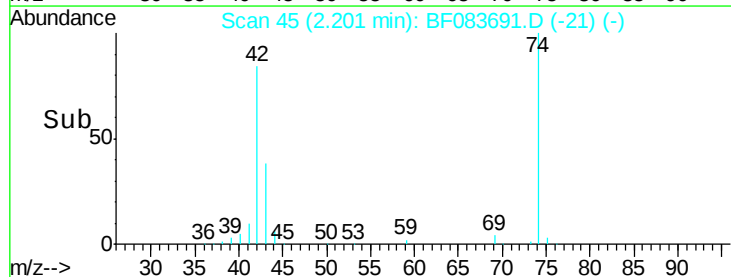
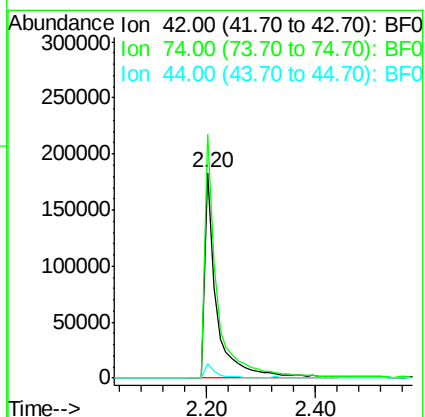
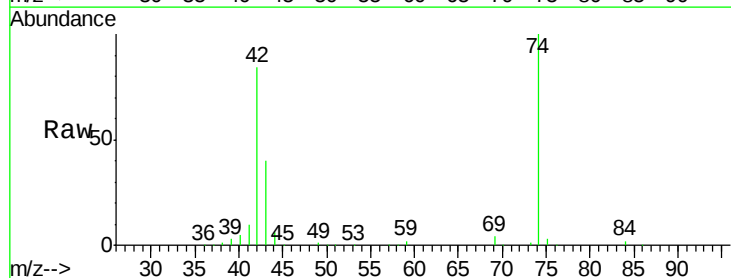
Tgt Ion: 42 Resp: 280812

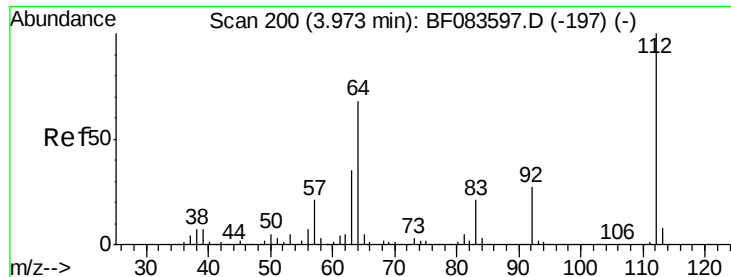
Ion Ratio Lower Upper

42 100

74 118.6 92.9 139.3

44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 137.05 ng

RT: 3.90 min Scan# 194

Delta R.T. -0.07 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

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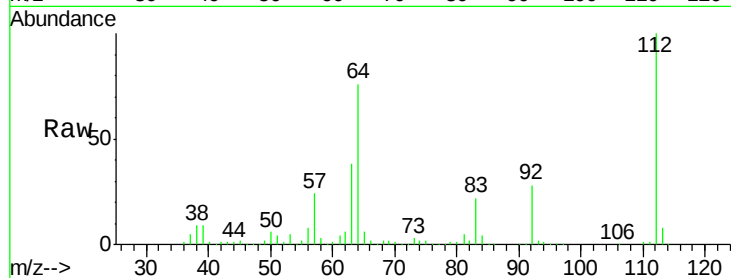
Tgt Ion: 112 Resp: 1345607

Ion Ratio Lower Upper

112 100

64 75.8 50.5 75.7#

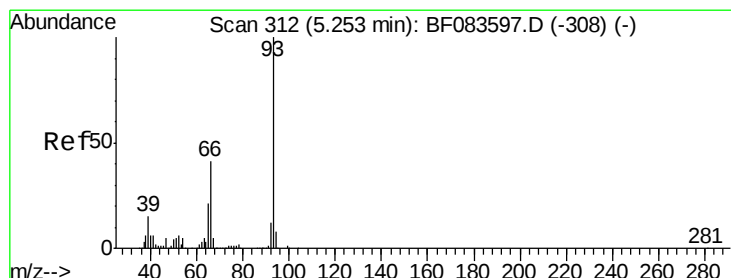
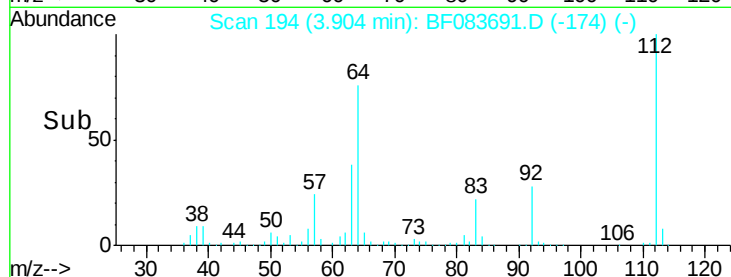
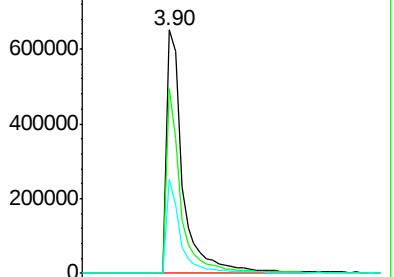
63 38.4 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.45 ng

RT: 5.17 min Scan# 305

Delta R.T. -0.08 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

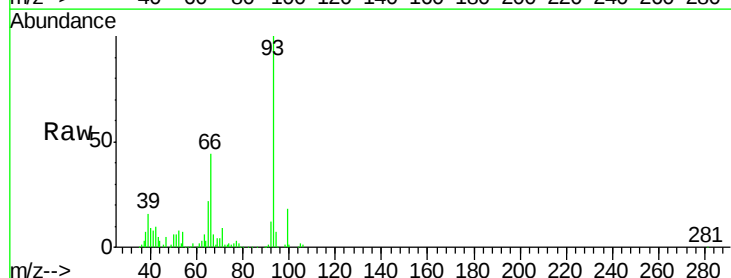
Tgt Ion: 93 Resp: 395211

Ion Ratio Lower Upper

93 100

66 43.8 41.3 61.9

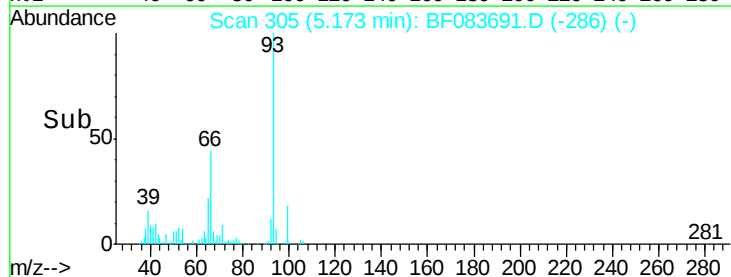
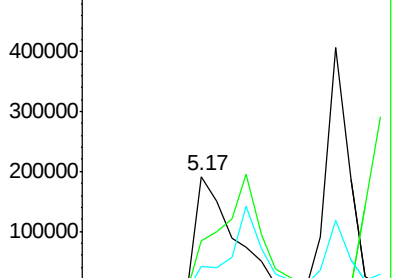
65 21.7 20.8 31.2

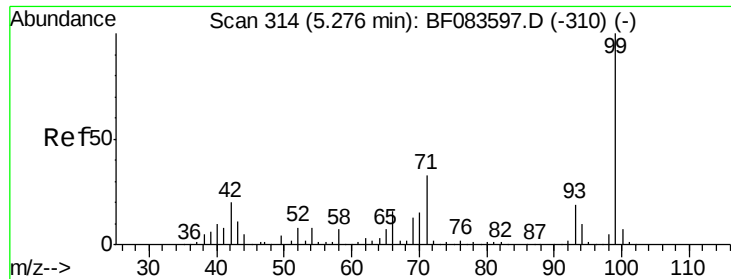


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.98 ng

RT: 5.20 min Scan# 307

Delta R.T. -0.08 min

Lab File: BF083691.D

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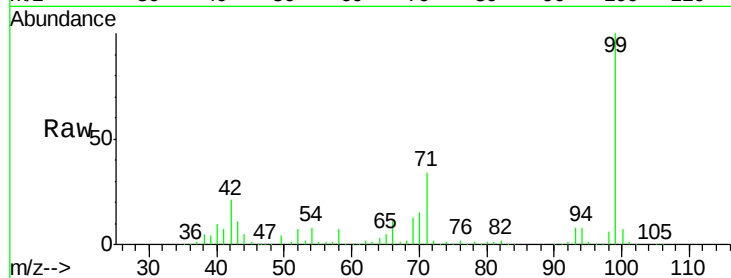
Tgt Ion: 99 Resp: 1692147

Ion Ratio Lower Upper

99 100

42 21.1 17.3 25.9

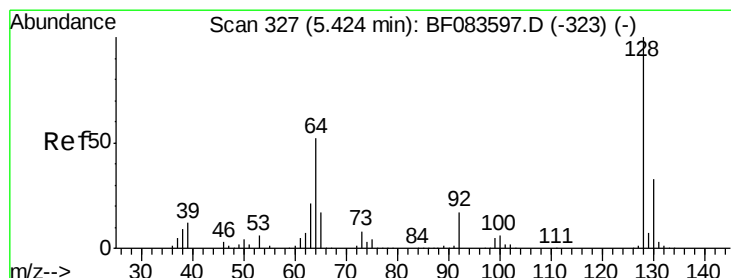
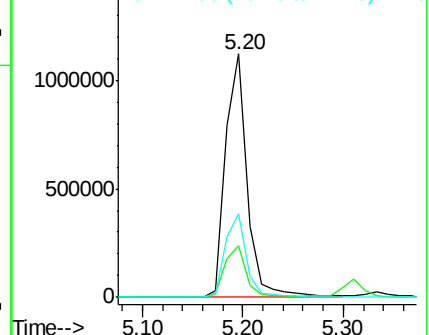
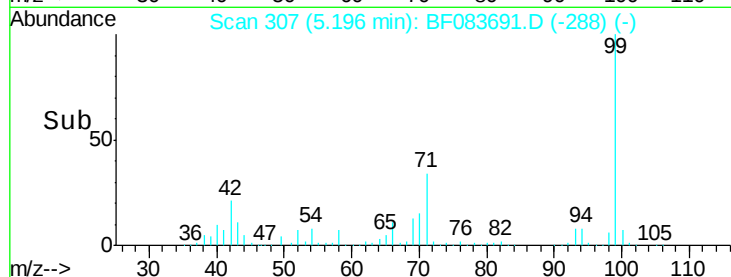
71 34.4 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.83 ng

RT: 5.33 min Scan# 319

Delta R.T. -0.09 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

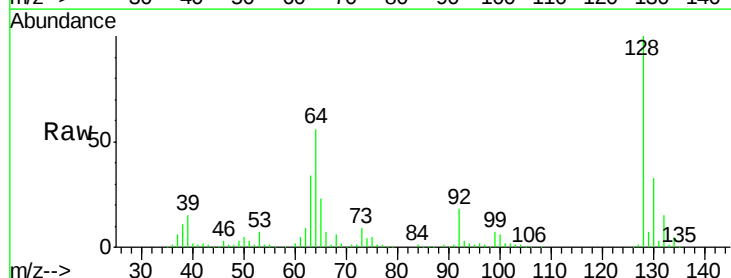
Tgt Ion: 128 Resp: 481342

Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

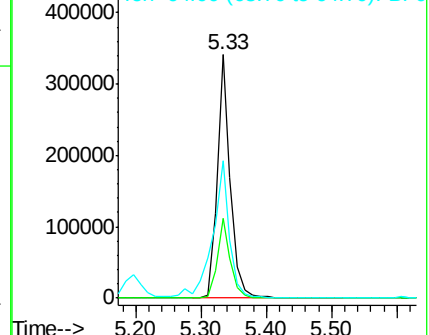
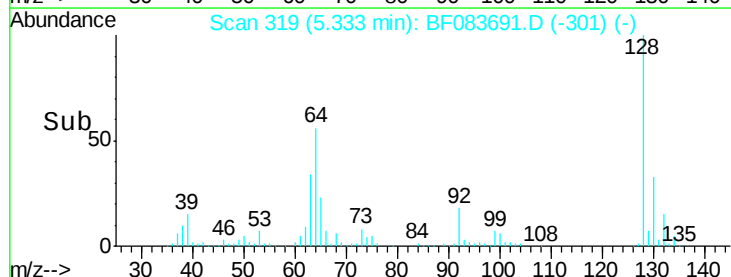
64 56.3 38.6 78.6

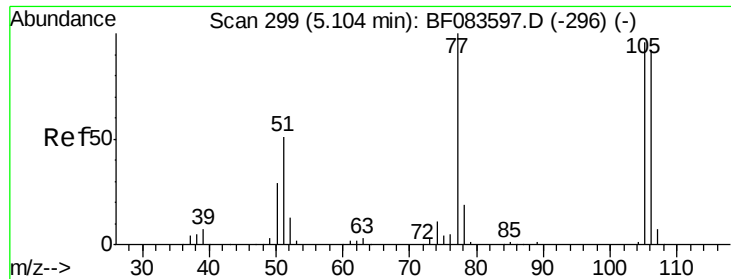


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

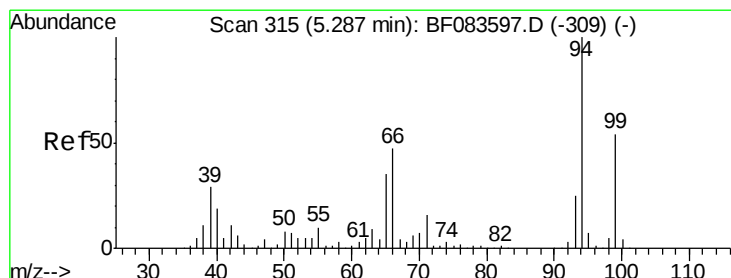
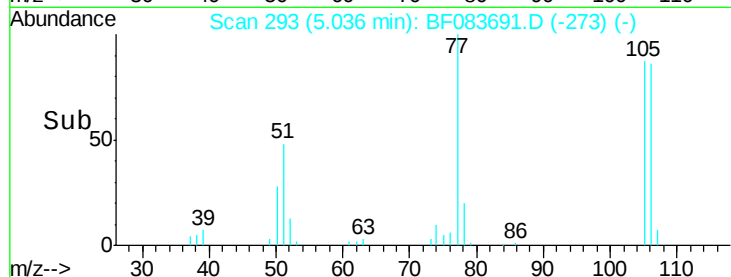
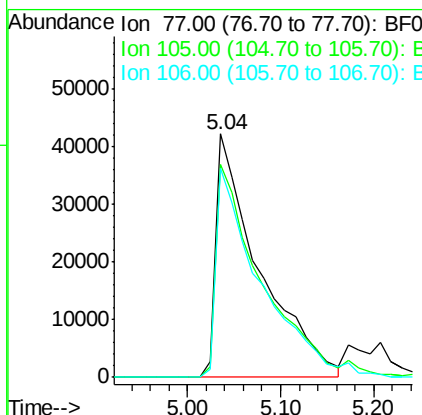
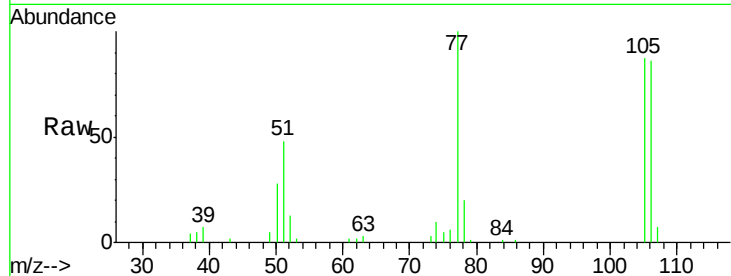




#9
Benzaldehyde
Concen: 16.31 ng
RT: 5.04 min Scan# 293
Delta R.T. -0.07 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

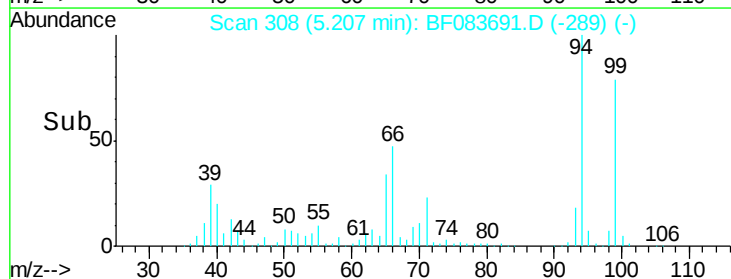
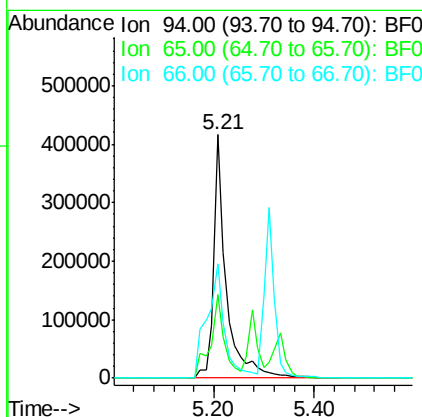
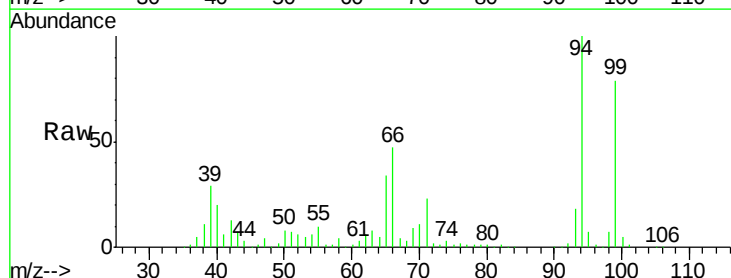
Instrument :
BNA_F
ClientSampleId :
SB-04MSD

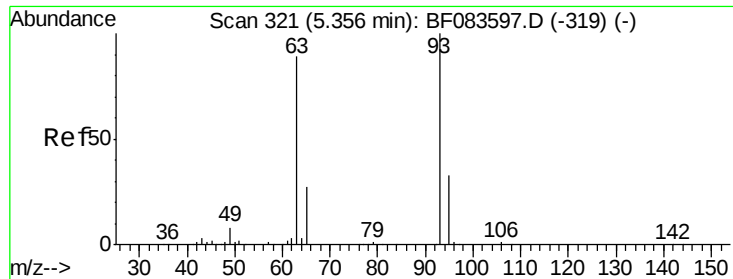
Tgt Ion: 77 Resp: 134649
Ion Ratio Lower Upper
77 100
105 87.3 71.8 111.8
106 86.1 66.8 106.8



#10
Phenol
Concen: 45.90 ng
RT: 5.21 min Scan# 308
Delta R.T. -0.08 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

Tgt Ion: 94 Resp: 729277
Ion Ratio Lower Upper
94 100
65 34.3 20.9 60.9
66 46.8 41.6 81.6

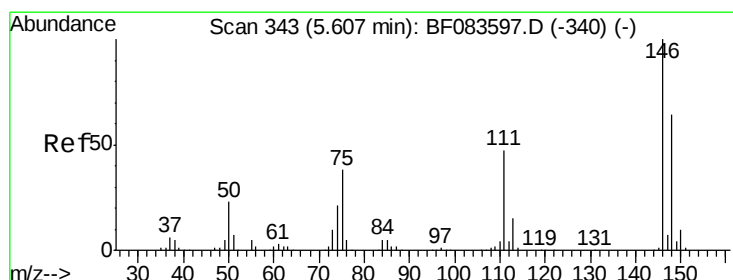
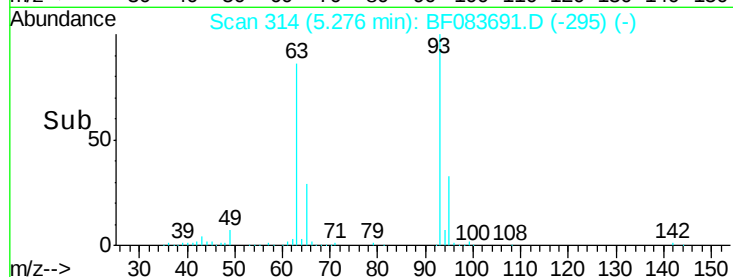
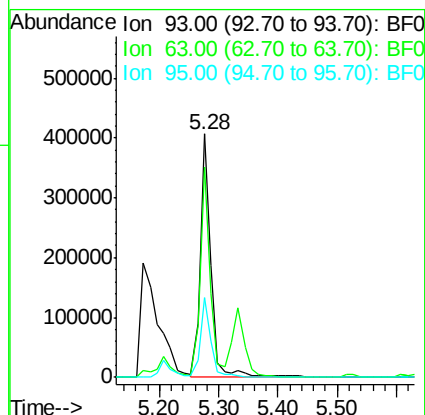
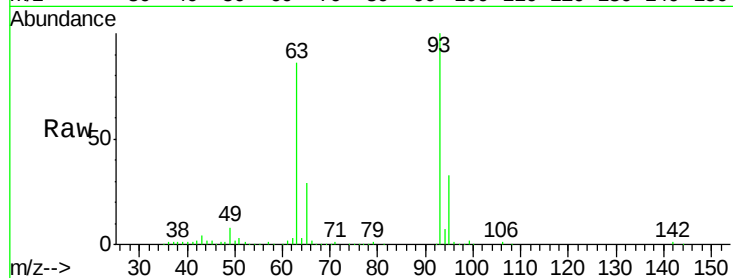




#11
bis(2-Chloroethyl)ether
Concen: 44.35 ng
RT: 5.28 min Scan# 314
Delta R.T. -0.08 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

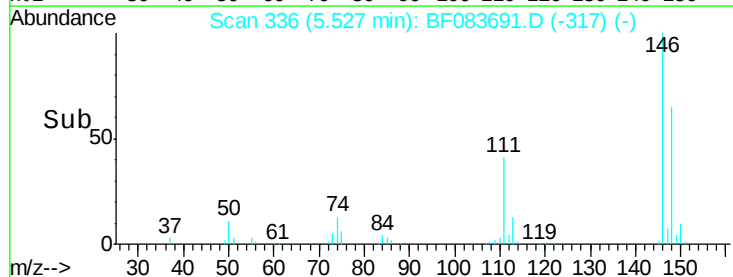
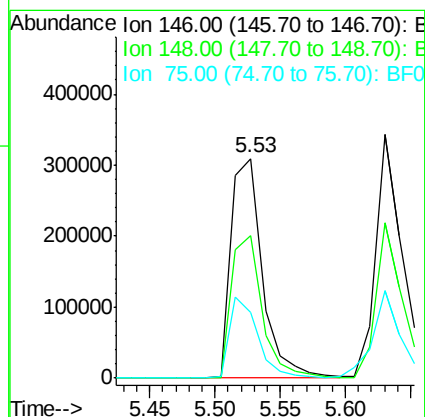
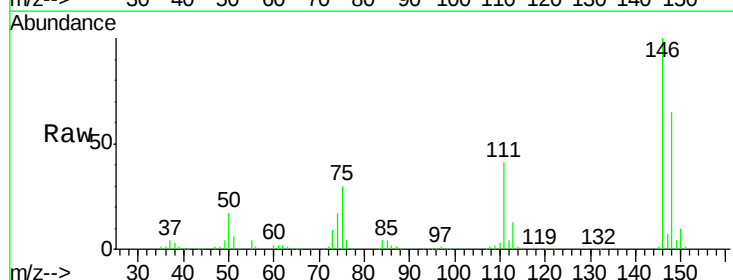
Instrument :
BNA_F
ClientSampleId :
SB-04MSD

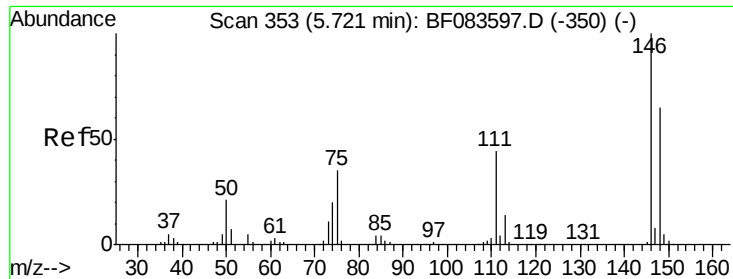
Tgt Ion: 93 Resp: 518470
Ion Ratio Lower Upper
93 100
63 86.5 64.7 104.7
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 43.18 ng
RT: 5.53 min Scan# 336
Delta R.T. -0.08 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

Tgt Ion: 146 Resp: 516791
Ion Ratio Lower Upper
146 100
148 65.0 51.3 76.9
75 30.0 24.1 36.1

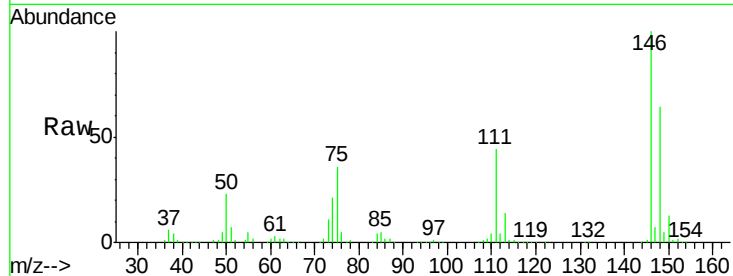




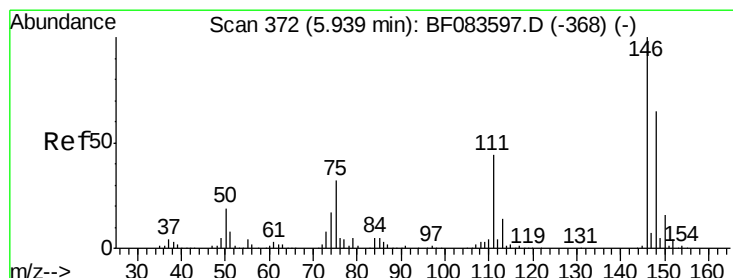
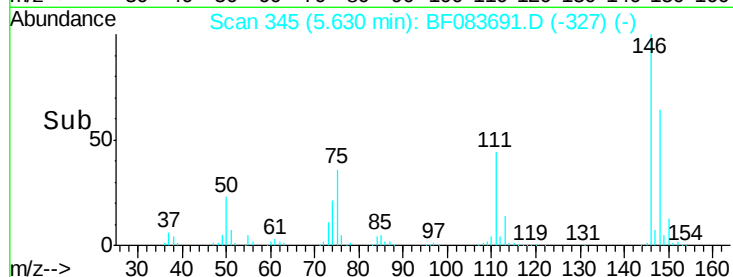
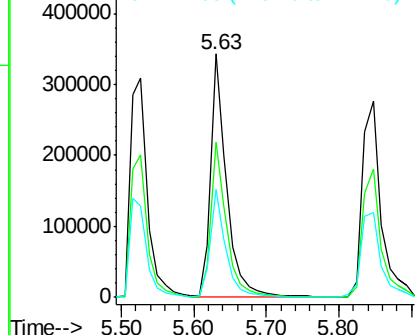
#13
 1,4-Dichlorobenzene
 Concen: 42.39 ng
 RT: 5.63 min Scan# 345
 Delta R.T. -0.09 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MSD

Tgt Ion:146 Resp: 520450
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 76.0
 111 44.3 36.1 54.1

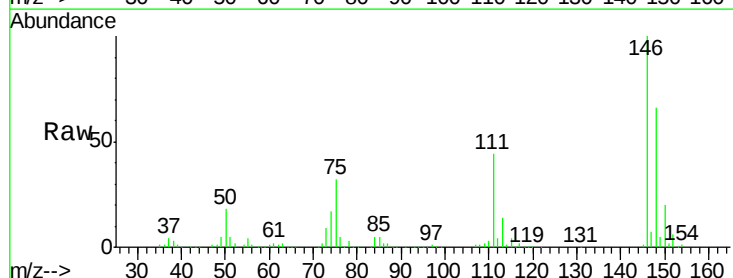


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

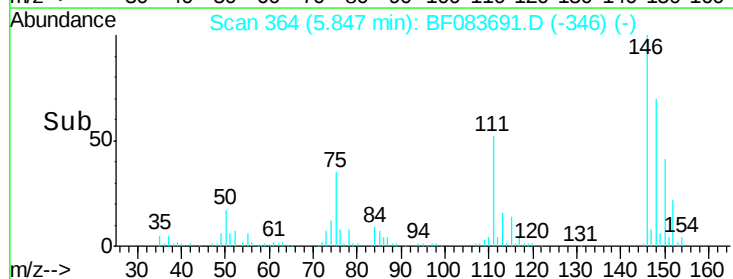
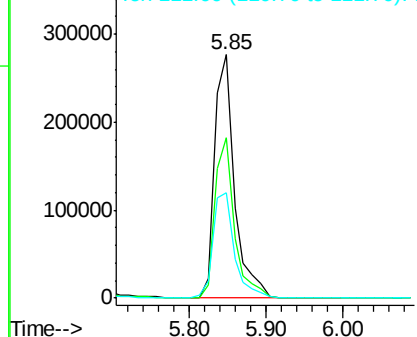


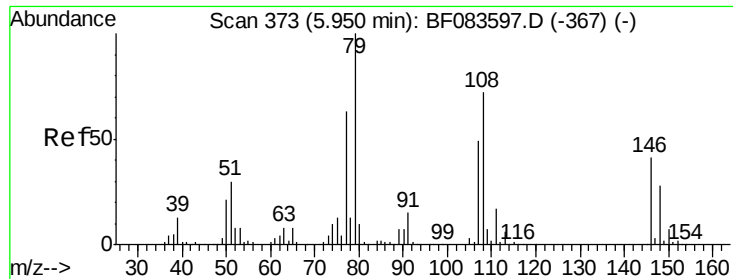
#14
 1,2-Dichlorobenzene
 Concen: 43.64 ng
 RT: 5.85 min Scan# 364
 Delta R.T. -0.09 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Tgt Ion:146 Resp: 497243
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.4 77.0
 111 43.5 36.7 55.1



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: 52.07 ng

RT: 5.87 min Scan# 366

Delta R.T. -0.08 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

ClientSampleId :

SB-04MSD

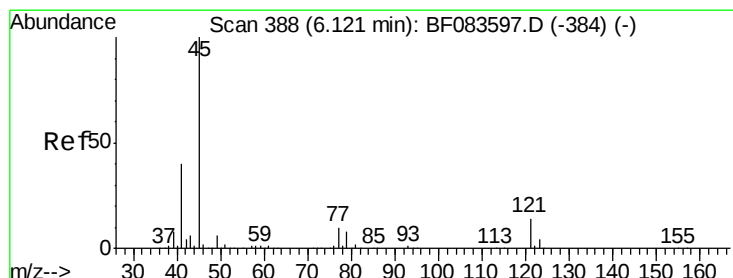
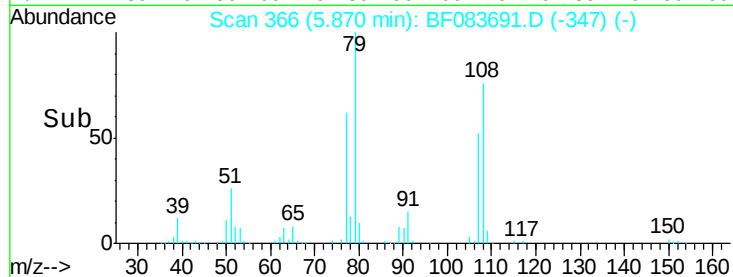
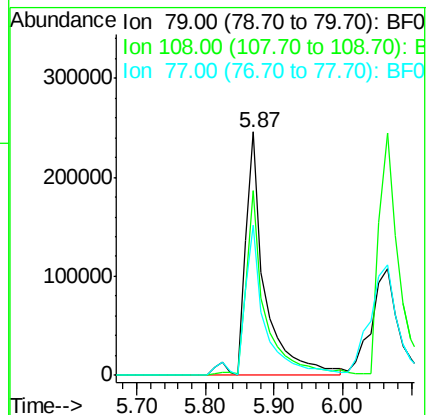
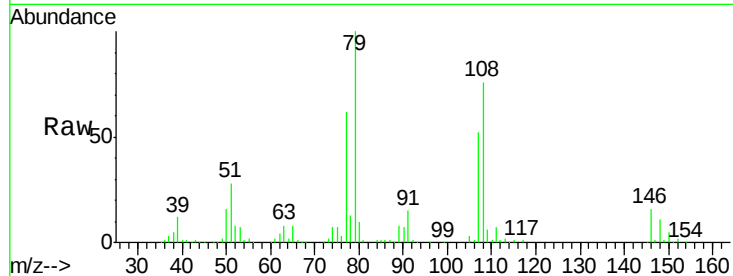
Tgt Ion: 79 Resp: 486010

Ion Ratio Lower Upper

79 100

108 75.7 59.6 89.4

77 61.5 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.21 ng

RT: 6.04 min Scan# 381

Delta R.T. -0.08 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

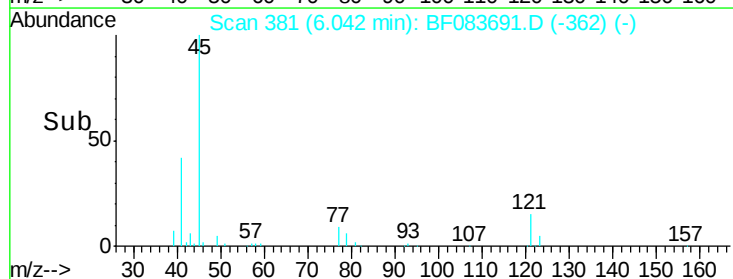
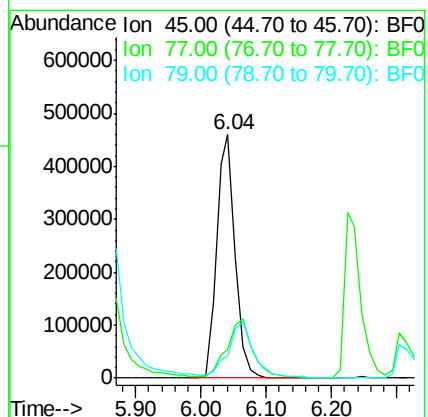
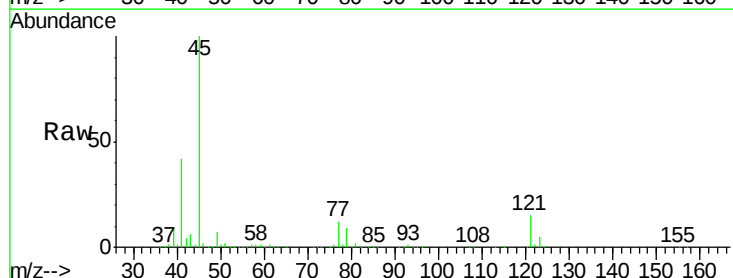
Tgt Ion: 45 Resp: 912572

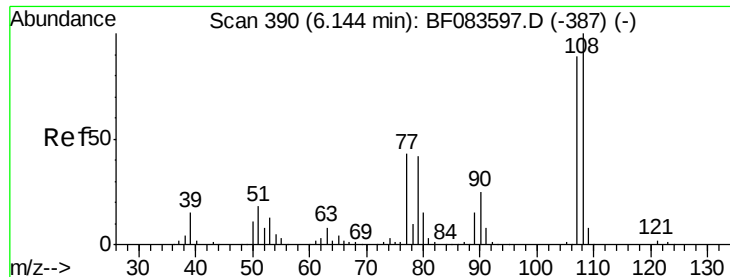
Ion Ratio Lower Upper

45 100

77 11.9 12.8 52.8#

79 9.2 10.7 50.7#

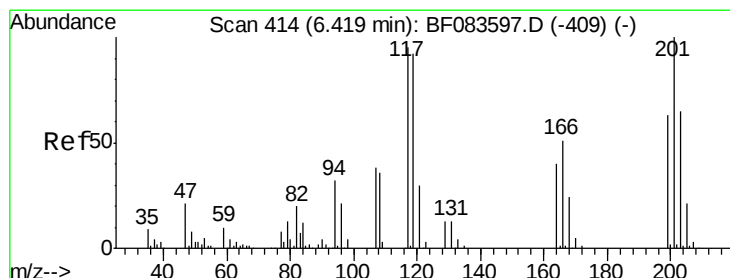
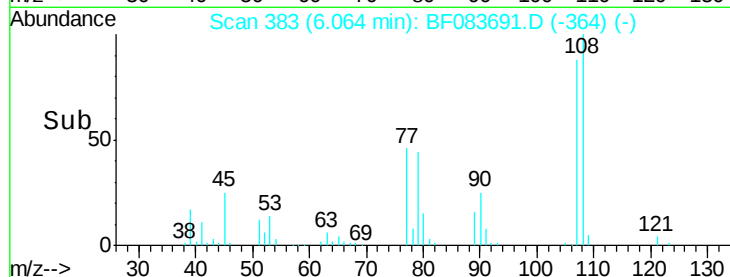
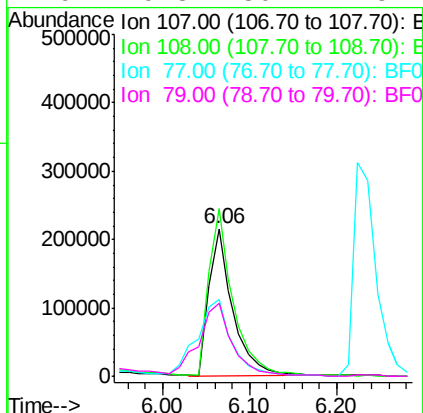
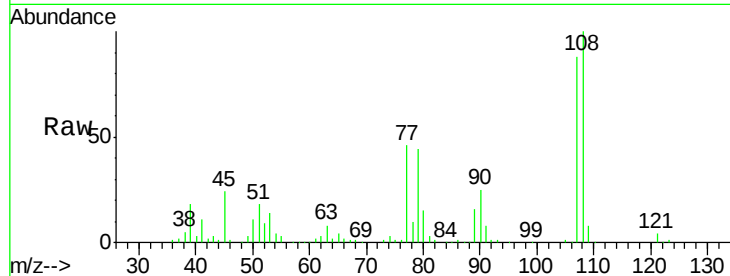




#17
2-Methylphenol
Concen: 47.30 ng
RT: 6.06 min Scan# 383
Delta R.T. -0.08 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

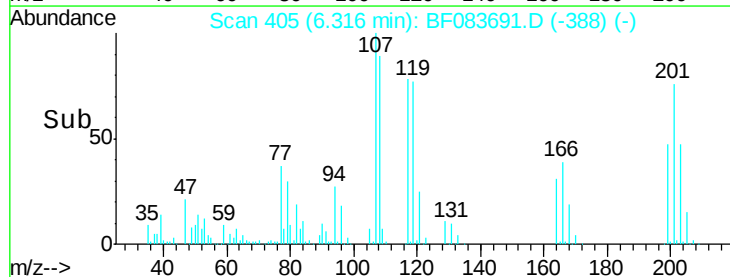
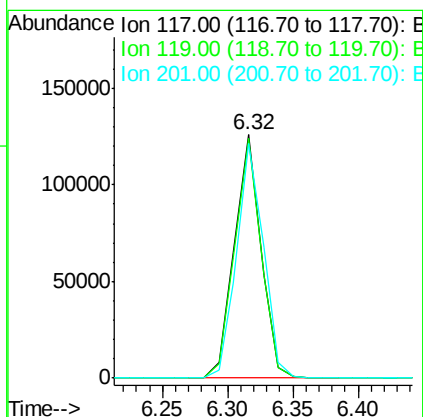
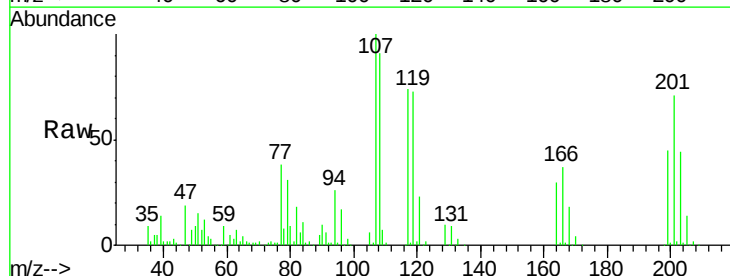
Instrument :
BNA_F
ClientSampleId :
SB-04MSD

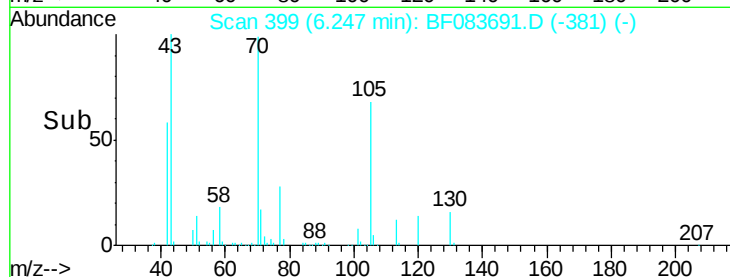
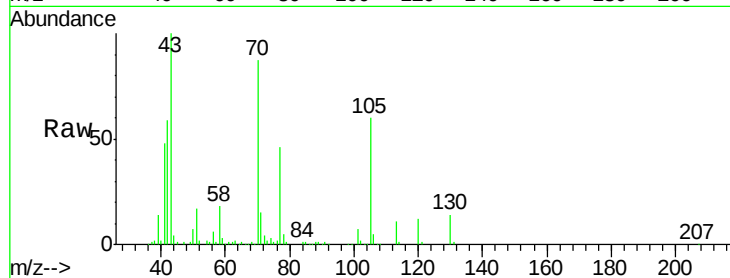
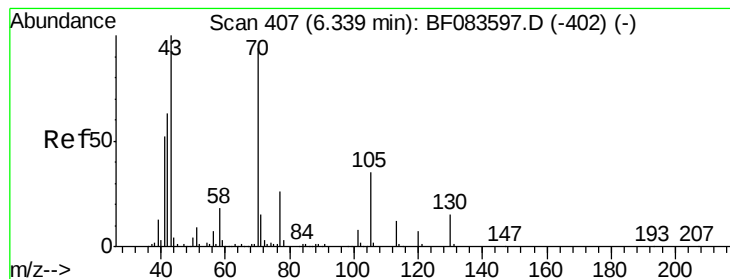
Tgt Ion:107 Resp: 413254
Ion Ratio Lower Upper
107 100
108 113.5 91.6 137.4
77 52.0 53.7 80.5#
79 49.8 50.2 75.4#



#18
Hexachloroethane
Concen: 41.00 ng
RT: 6.32 min Scan# 405
Delta R.T. -0.10 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

Tgt Ion:117 Resp: 177757
Ion Ratio Lower Upper
117 100
119 98.5 77.2 115.8
201 96.4 86.8 130.2





#19

n-Nitroso-di-n-propylamine

Concen: 44.41 ng

RT: 6.25 min Scan# 399

Delta R.T. -0.09 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

ClientSampleId :

SB-04MSD

Tgt Ion: 70 Resp: 406685

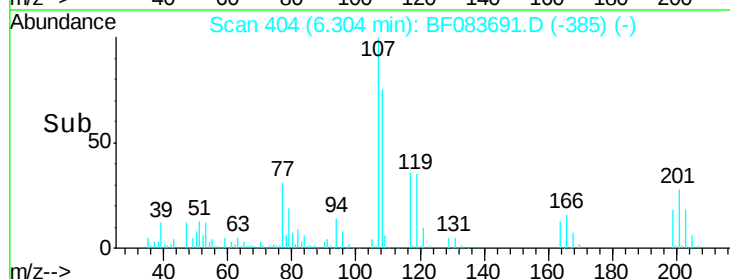
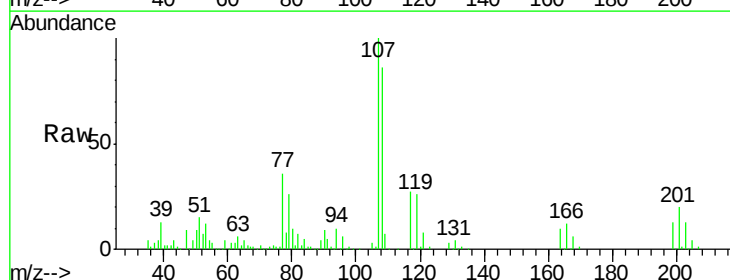
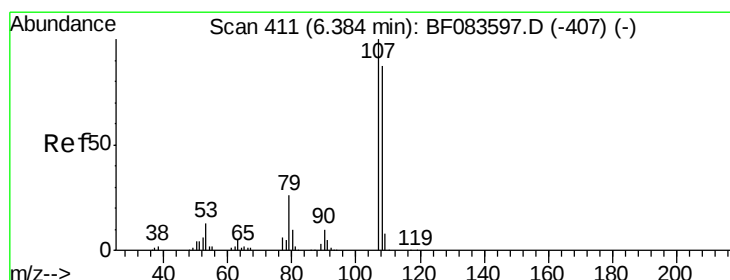
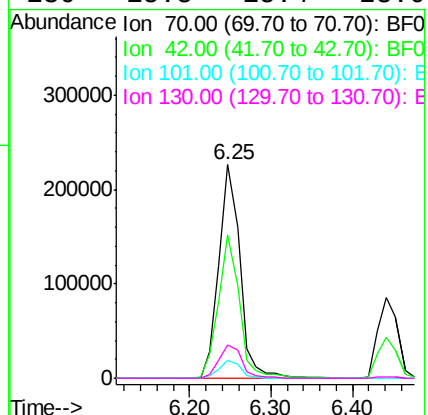
Ion Ratio Lower Upper

70 100

42 67.3 49.2 73.8

101 8.6 7.1 10.7

130 15.8 15.4 23.0



#20

3+4-Methylphenols

Concen: 44.90 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.08 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

Tgt Ion: 107 Resp: 516531

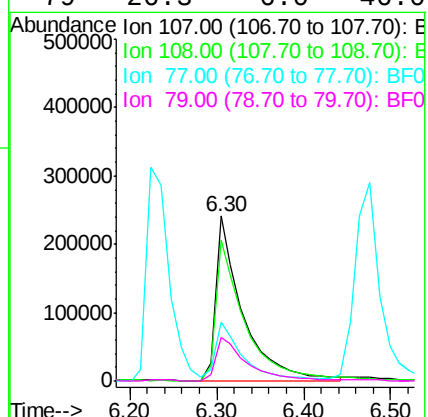
Ion Ratio Lower Upper

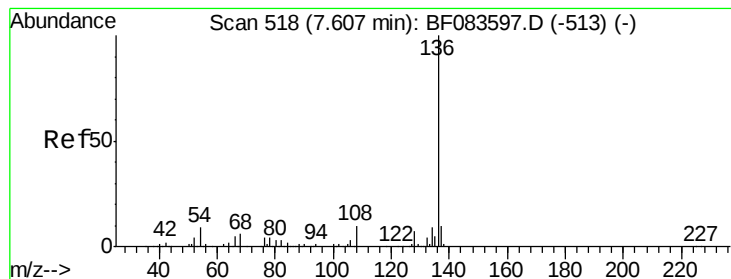
107 100

108 85.6 65.2 105.2

77 35.8 15.2 55.2

79 26.3 6.0 46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.50 min Scan# 509

Delta R.T. -0.10 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

ClientSampleId :

SB-04MSD

Tgt Ion:136 Resp: 579998

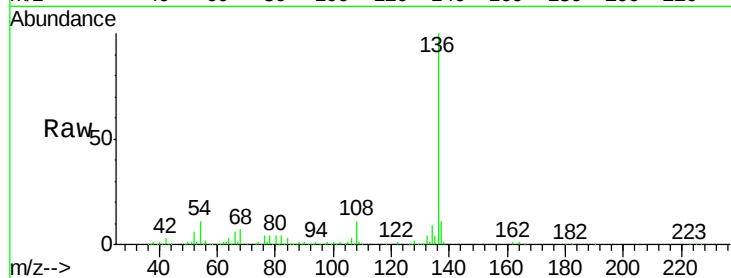
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 10.7 7.8 11.6

68 7.3 5.7 8.5

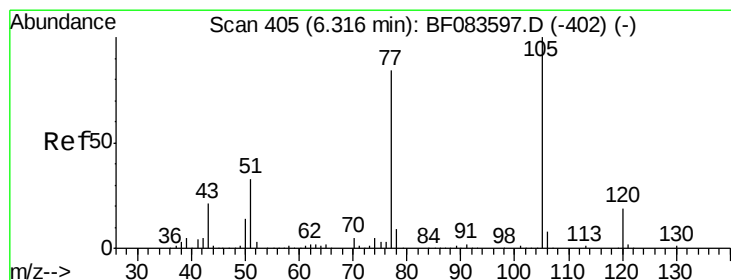
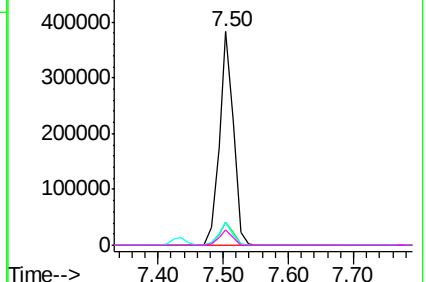
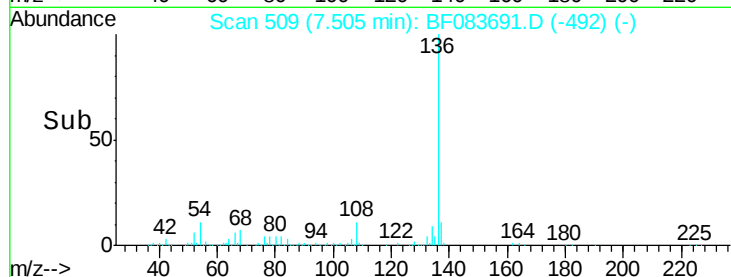


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.80 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.09 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

Tgt Ion:105 Resp: 680047

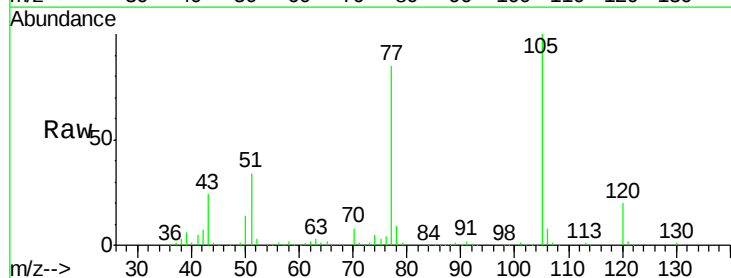
Ion Ratio Lower Upper

105 100

71 1.4 1.3 1.9

51 33.5 23.8 35.8

120 19.7 16.7 25.1

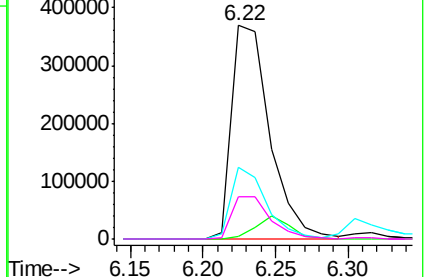
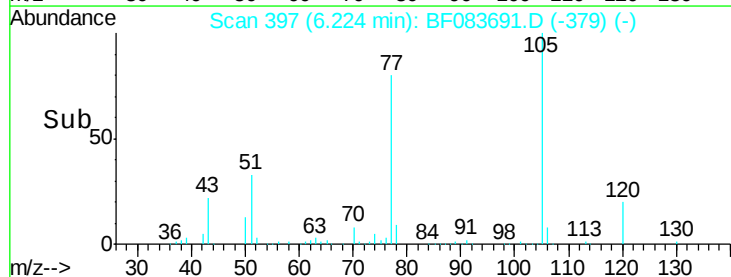


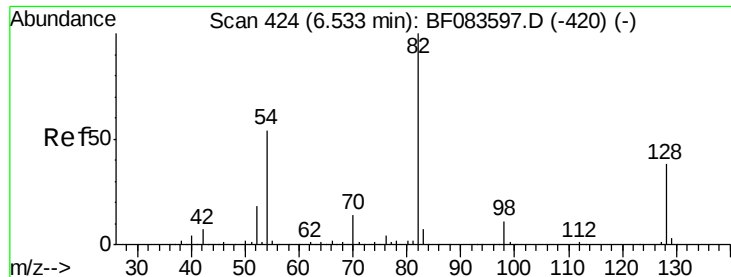
Abundance Ion 105.00 (104.70 to 105.70): E

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

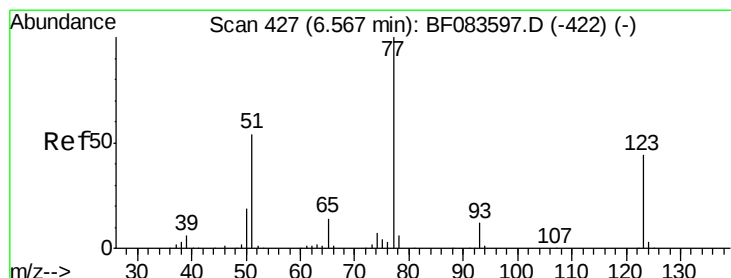
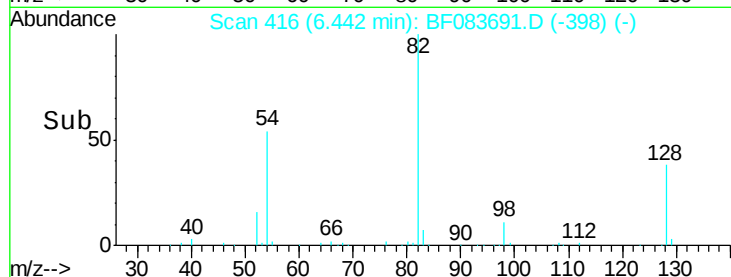
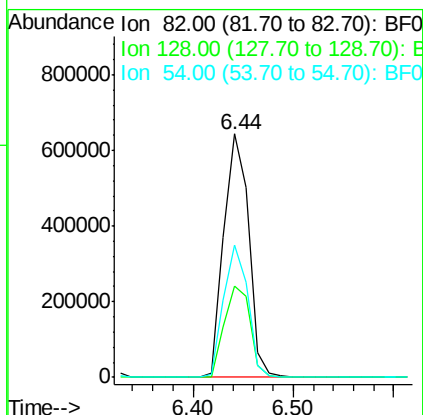
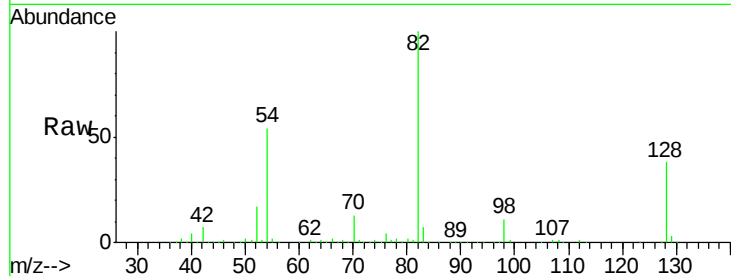




#23
 Nitrobenzene-d5
 Concen: 89.06 ng
 RT: 6.44 min Scan# 416
 Delta R.T. -0.09 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

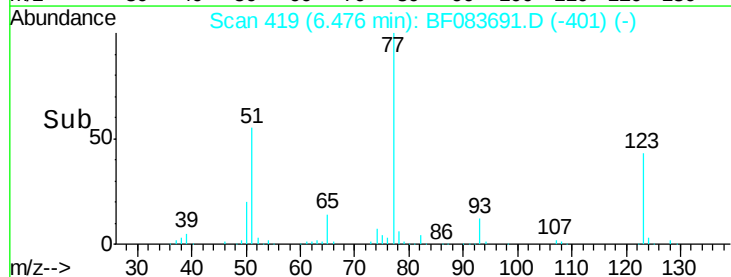
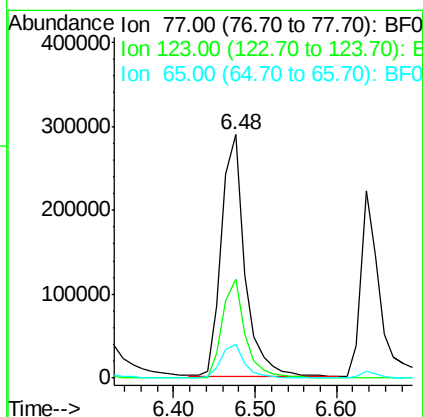
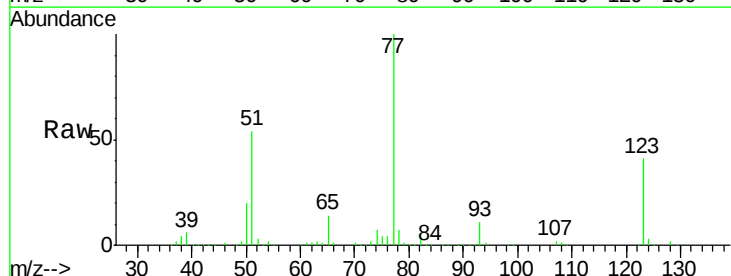
Instrument :
 BNA_F
 ClientSampleId :
 SB-04MSD

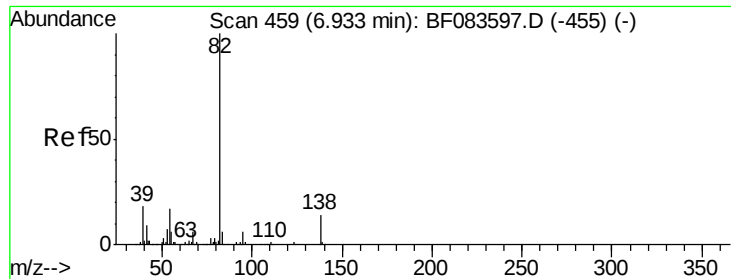
Tgt Ion: 82 Resp: 1107014
 Ion Ratio Lower Upper
 82 100
 128 37.7 30.7 46.1
 54 54.1 42.5 63.7



#24
 Nitrobenzene
 Concen: 41.70 ng
 RT: 6.48 min Scan# 419
 Delta R.T. -0.09 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Tgt Ion: 77 Resp: 572934
 Ion Ratio Lower Upper
 77 100
 123 40.8 29.8 44.6
 65 13.9 11.1 16.7

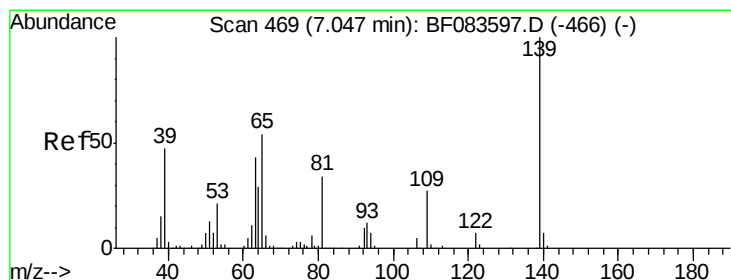
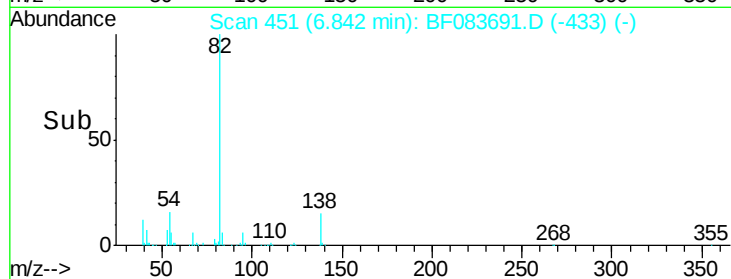
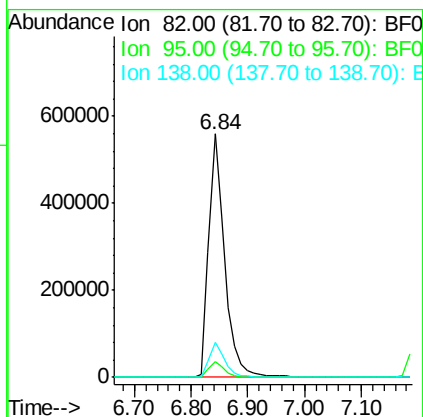
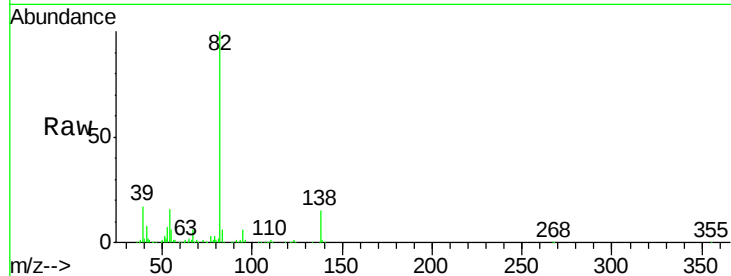




#25
Isophorone
Concen: 43.67 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.09 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

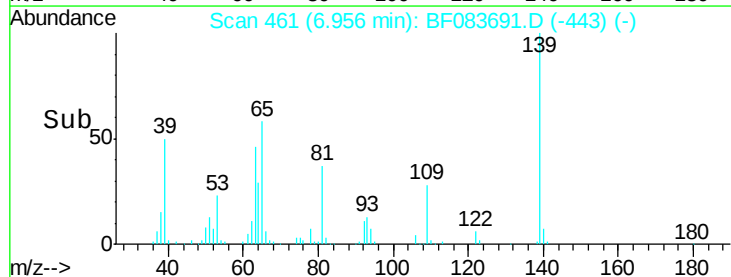
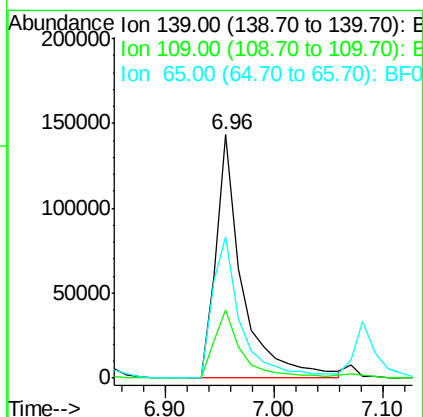
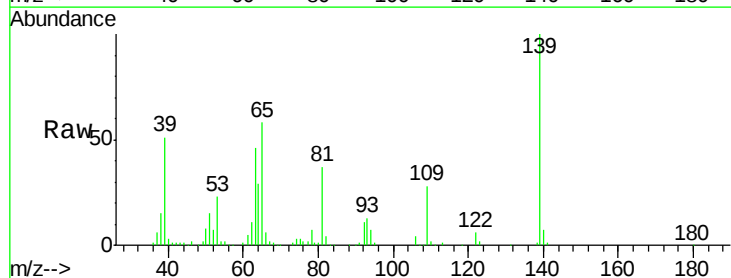
Instrument :
BNA_F
ClientSampleId :
SB-04MSD

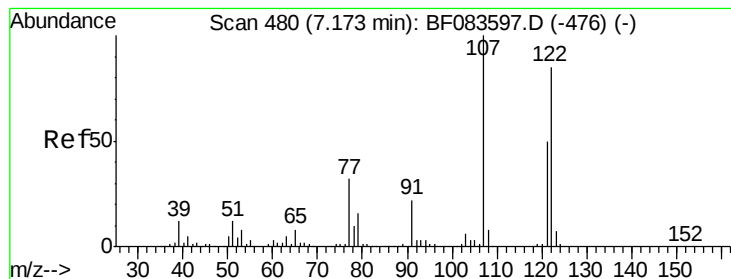
Tgt Ion: 82 Resp: 1053479
Ion Ratio Lower Upper
82 100
95 6.5 5.0 7.4
138 14.5 12.1 18.1



#26
2-Nitrophenol
Concen: 44.67 ng
RT: 6.96 min Scan# 461
Delta R.T. -0.09 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

Tgt Ion: 139 Resp: 243661
Ion Ratio Lower Upper
139 100
109 28.0 22.7 34.1
65 57.9 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 42.81 ng

RT: 7.08 min Scan# 472

Delta R.T. -0.09 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

ClientSampleId :

SB-04MSD

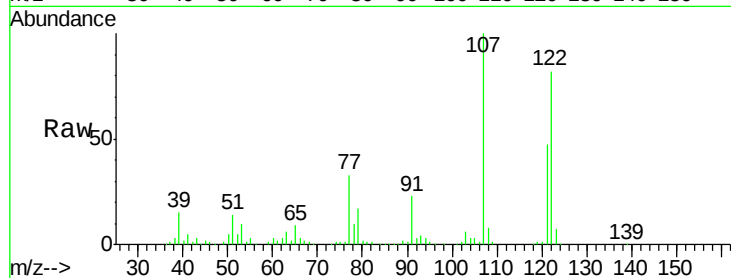
Tgt Ion:122 Resp: 408515

Ion Ratio Lower Upper

122 100

107 121.7 92.4 138.6

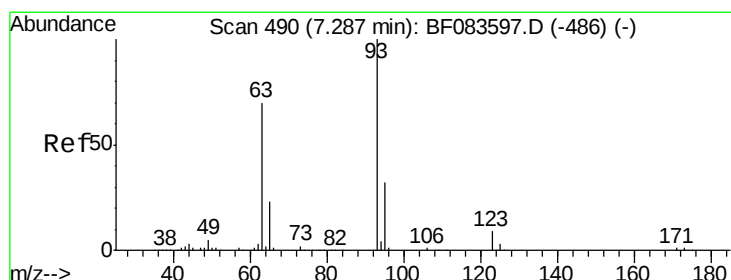
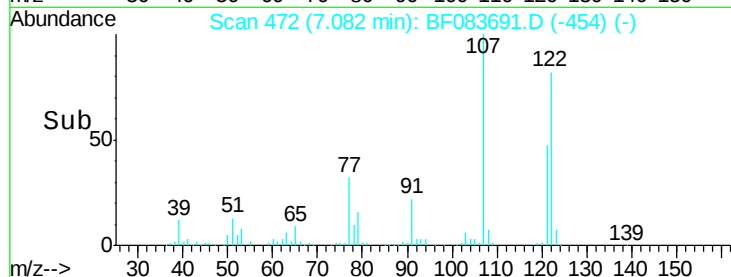
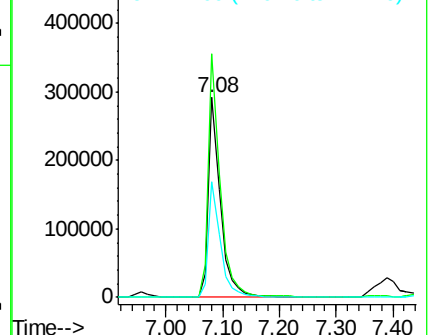
121 57.7 45.8 68.6



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: 46.73 ng

RT: 7.20 min Scan# 482

Delta R.T. -0.09 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

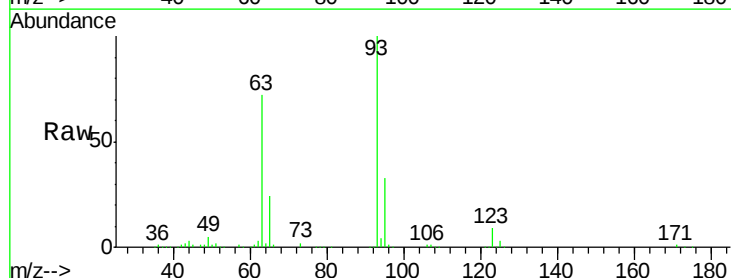
Tgt Ion: 93 Resp: 625944

Ion Ratio Lower Upper

93 100

95 32.5 25.6 38.4

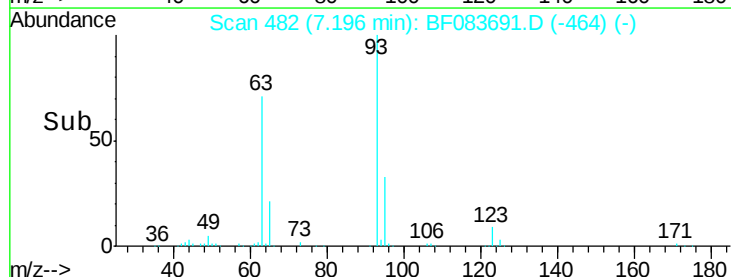
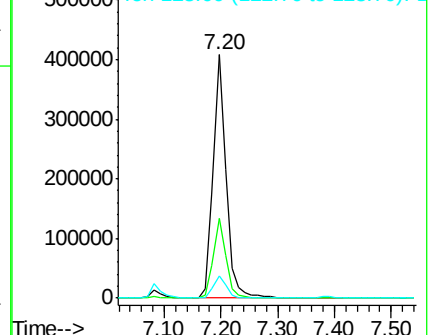
123 9.1 7.3 10.9

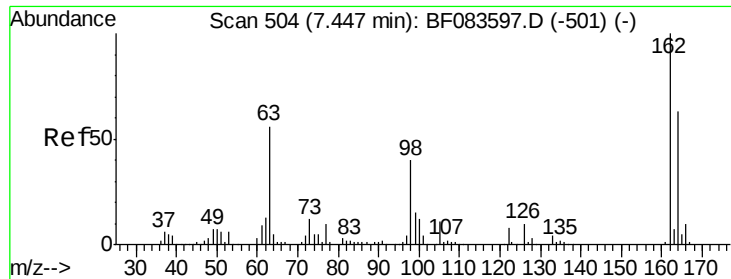


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

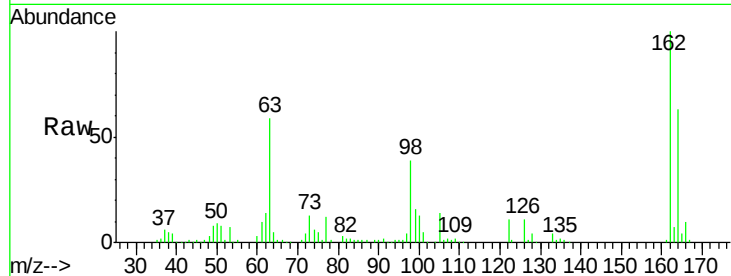




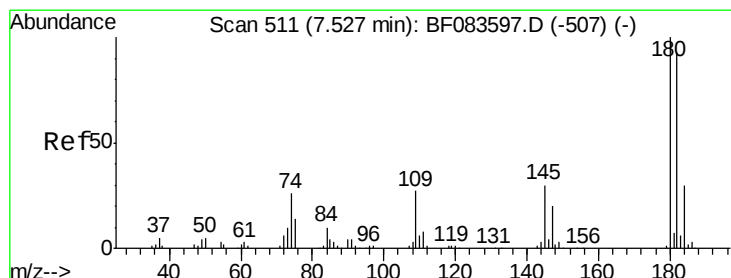
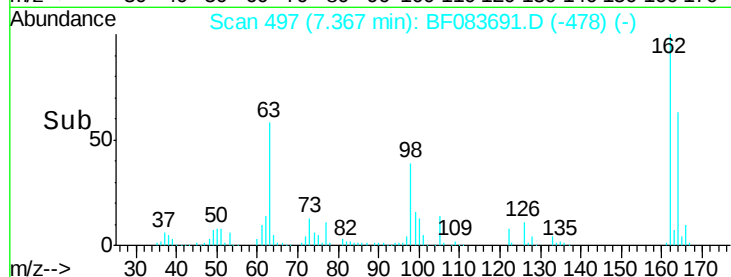
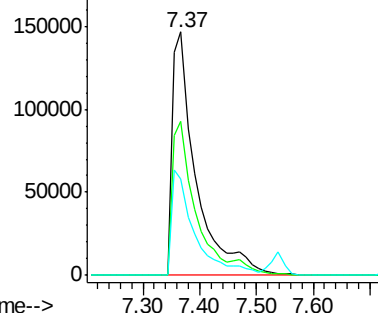
#29
 2,4-Dichlorophenol
 Concen: 48.15 ng
 RT: 7.37 min Scan# 497
 Delta R.T. -0.08 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	43.4	83.4
98	39.4	17.5	57.5

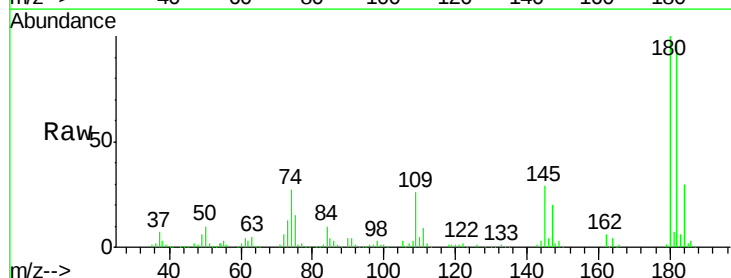


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

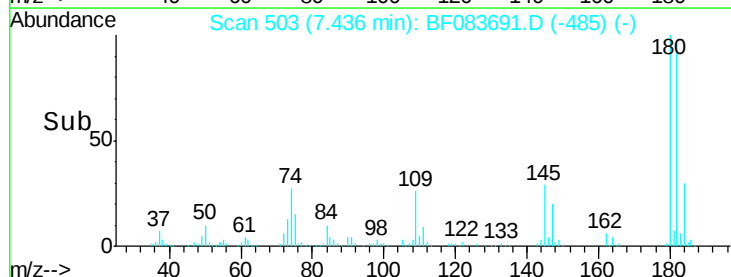
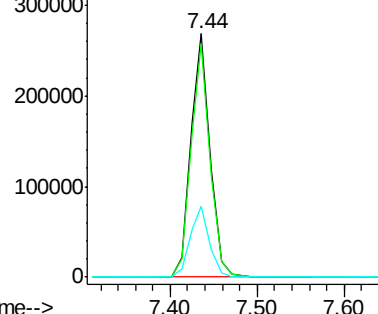


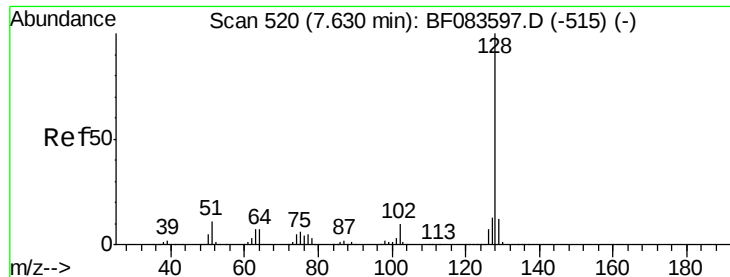
#30
 1,2,4-Trichlorobenzene
 Concen: 43.29 ng
 RT: 7.44 min Scan# 503
 Delta R.T. -0.09 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	74.9	112.3
145	29.3	24.7	37.1



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

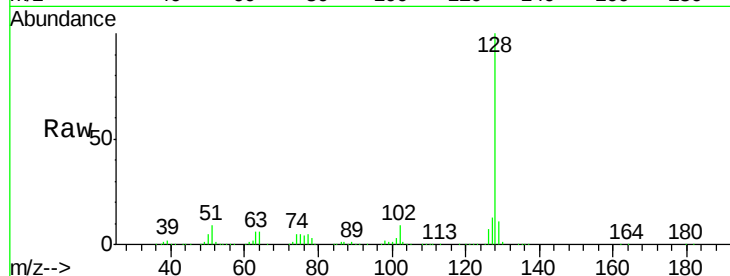




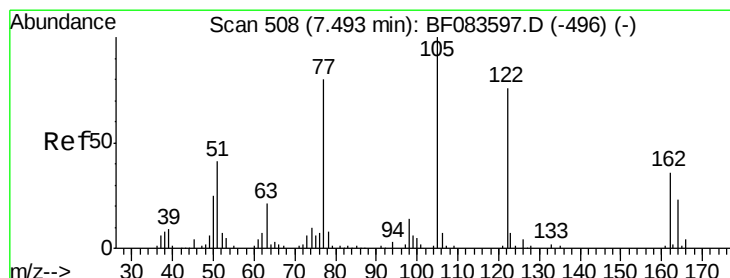
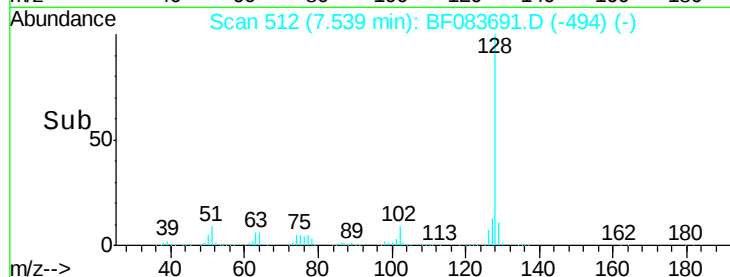
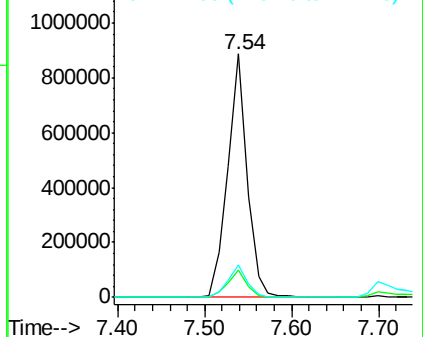
#31
Naphthalene
Concen: 44.98 ng
RT: 7.54 min Scan# 512
Delta R.T. -0.09 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tgt Ion:128 Resp: 1381787
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.1 10.6 16.0

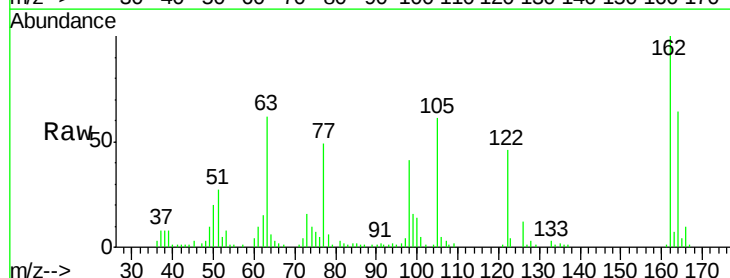


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

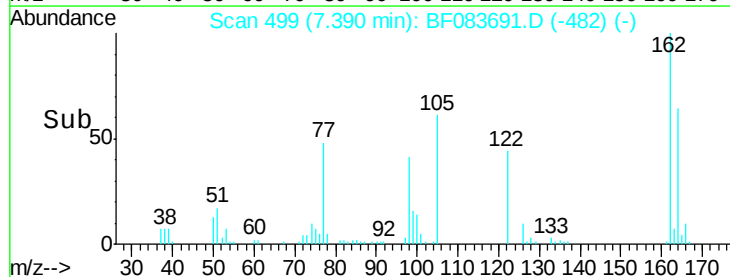
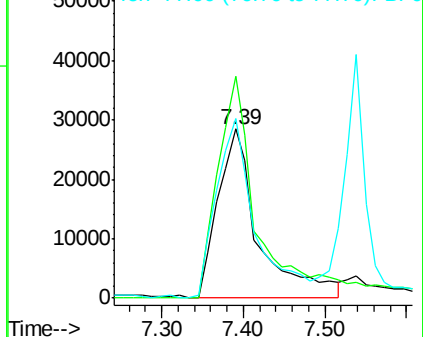


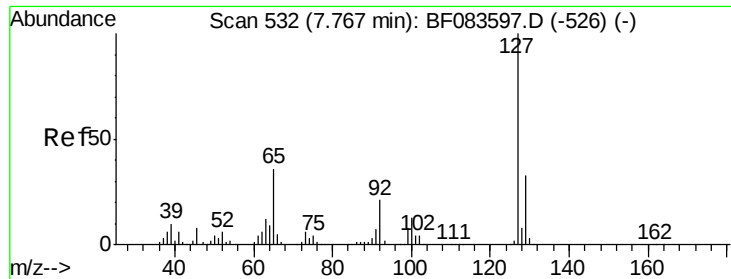
#32
Benzoic acid
Concen: 18.21 ng
RT: 7.39 min Scan# 499
Delta R.T. -0.10 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

Tgt Ion:122 Resp: 99089
Ion Ratio Lower Upper
122 100
105 131.5 105.6 145.6
77 106.0 86.8 126.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

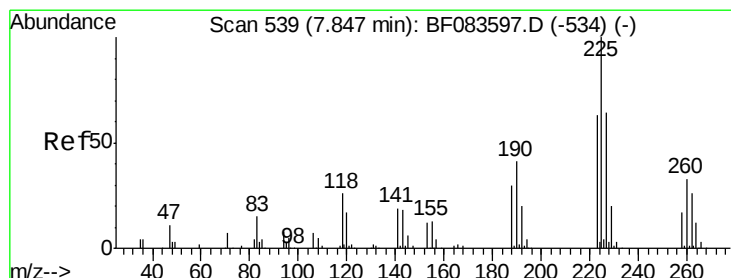
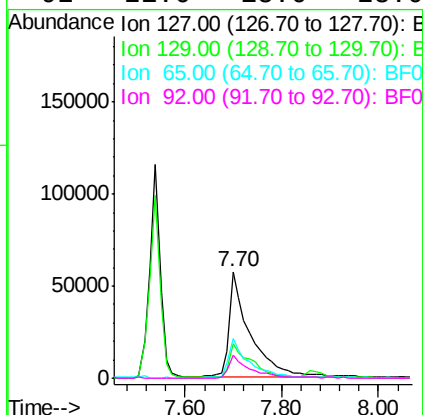
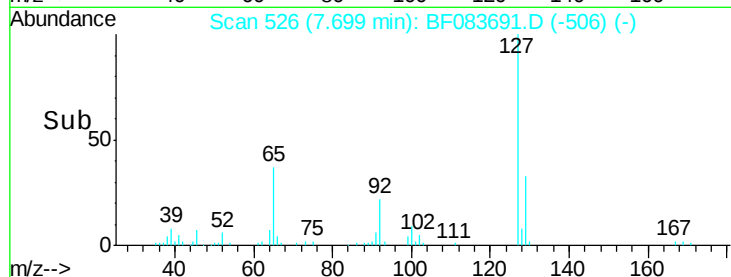
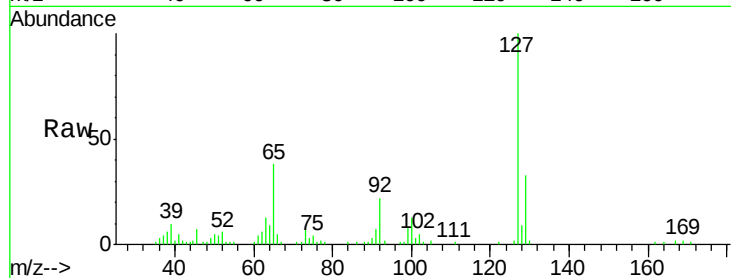




#33
4-Chloroaniline
Concen: 15.61 ng
RT: 7.70 min Scan# 526
Delta R.T. -0.07 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

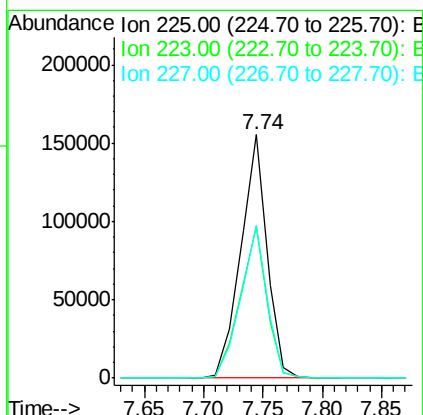
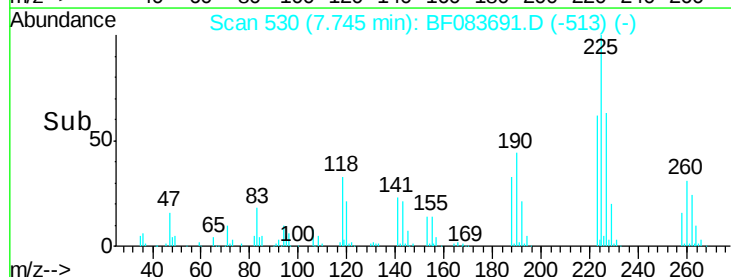
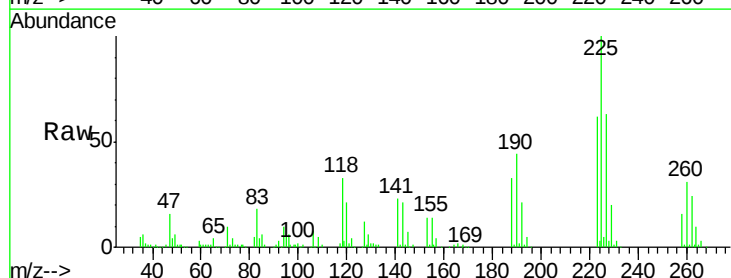
Instrument :
BNA_F
ClientSampleId :
SB-04MSD

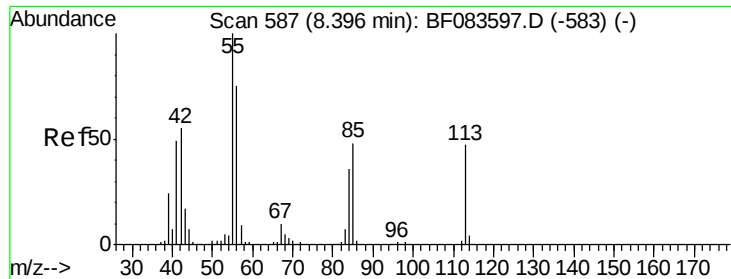
Tgt Ion:	127	Resp:	174837
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	37.7	33.5	50.3
92	21.6	18.6	28.0



#34
Hexachlorobutadiene
Concen: 42.89 ng
RT: 7.74 min Scan# 530
Delta R.T. -0.10 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

Tgt Ion:	225	Resp:	240206
Ion	Ratio	Lower	Upper
225	100		
223	62.4	52.3	78.5
227	63.0	50.4	75.6

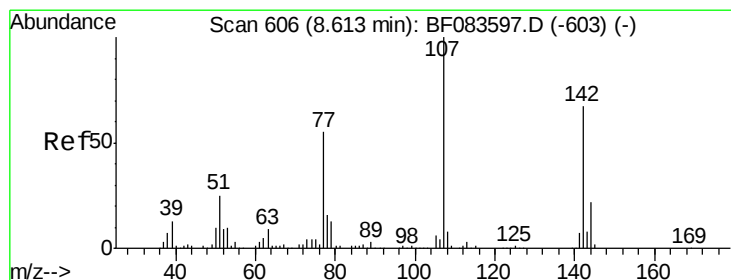
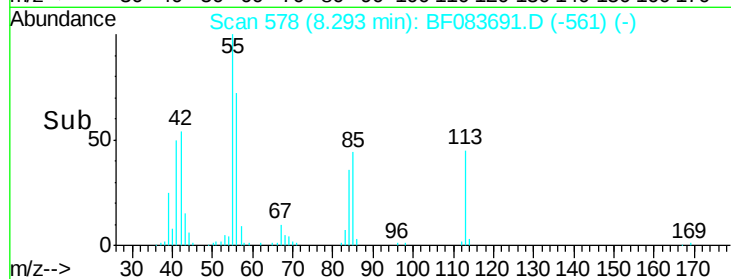
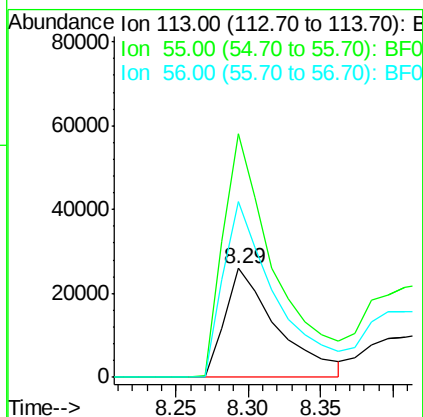
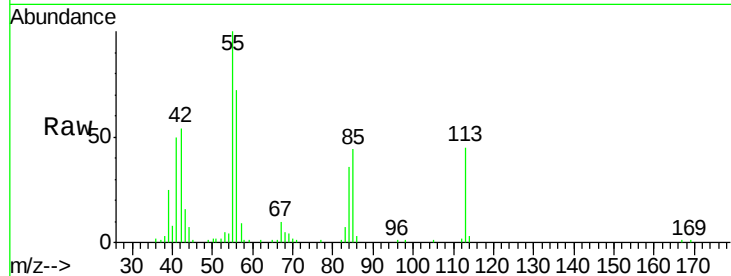




#35
 Caprolactam
 Concen: 25.21 ng
 RT: 8.29 min Scan# 578
 Delta R.T. -0.10 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

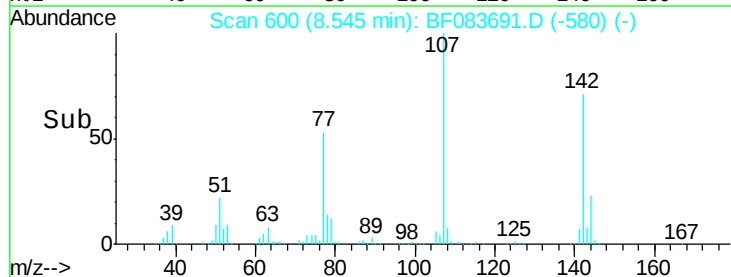
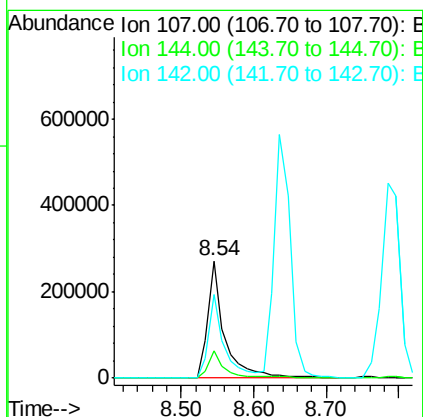
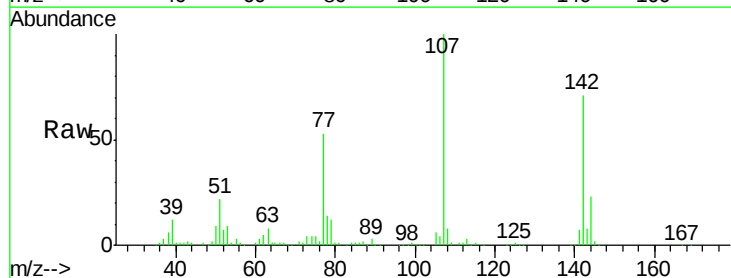
Instrument :
 BNA_F
 ClientSampleId :
 SB-04MSD

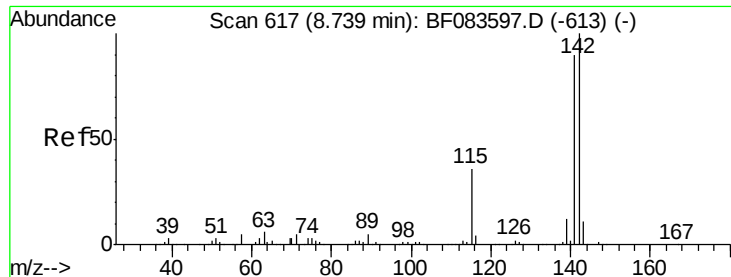
Tgt Ion:113 Resp: 65675
 Ion Ratio Lower Upper
 113 100
 55 223.1 189.7 229.7
 56 161.6 130.7 170.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.26 ng
 RT: 8.54 min Scan# 600
 Delta R.T. -0.07 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Tgt Ion:107 Resp: 441266
 Ion Ratio Lower Upper
 107 100
 144 22.8 17.5 26.3
 142 70.8 53.6 80.4

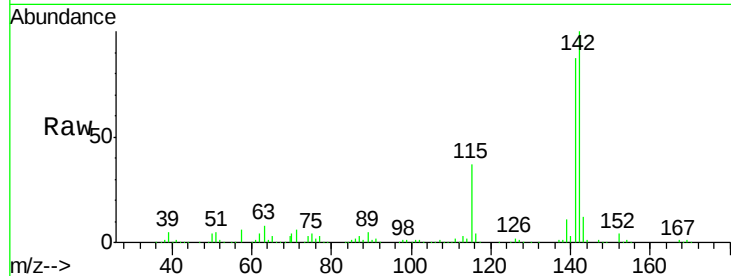




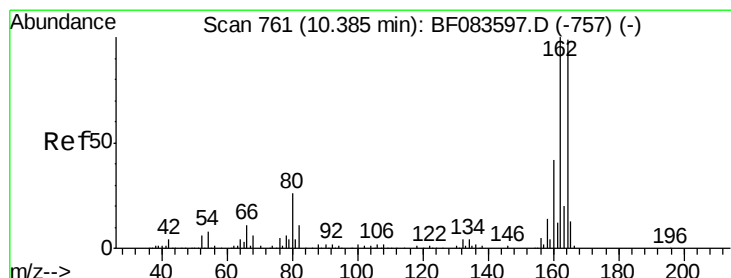
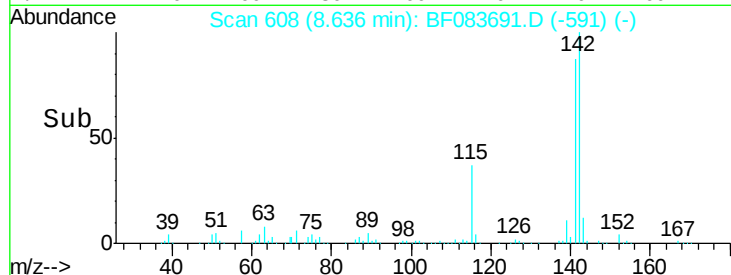
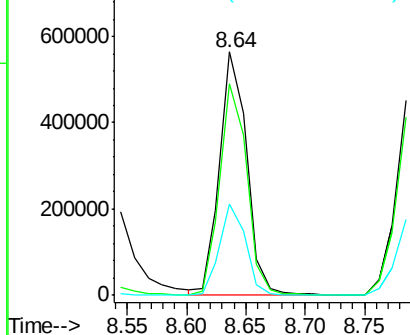
#37
2-Methylnaphthalene
Concen: 46.62 ng
RT: 8.64 min Scan# 608
Delta R.T. -0.10 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tgt Ion:142 Resp: 899493
Ion Ratio Lower Upper
142 100
141 87.1 70.3 105.5
115 37.3 29.2 43.8

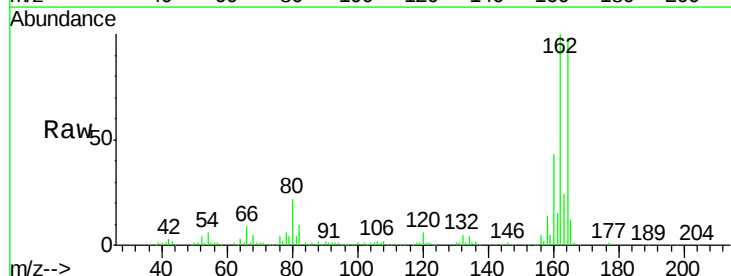


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

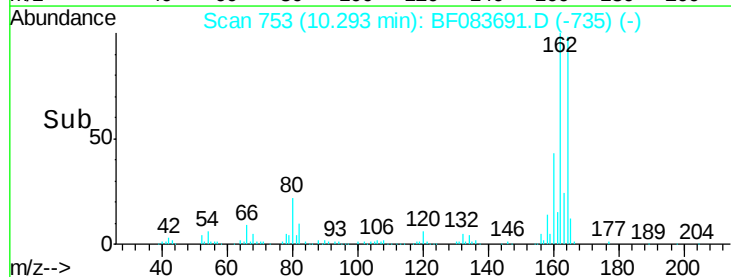
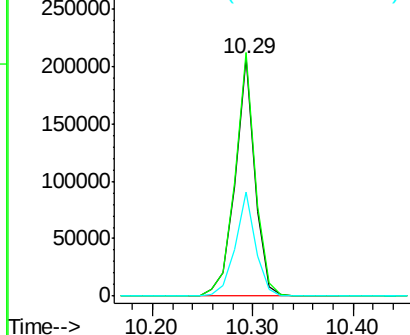


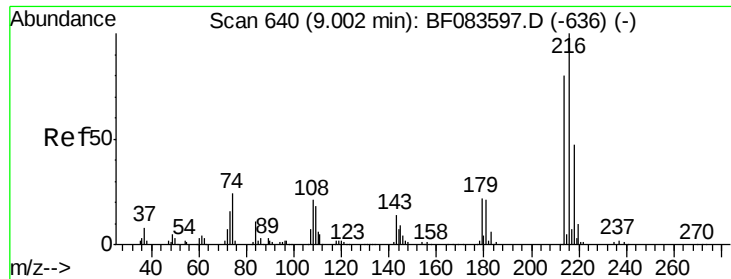
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.09 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

Tgt Ion:164 Resp: 282632
Ion Ratio Lower Upper
164 100
162 102.2 78.8 118.2
160 43.9 33.4 50.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

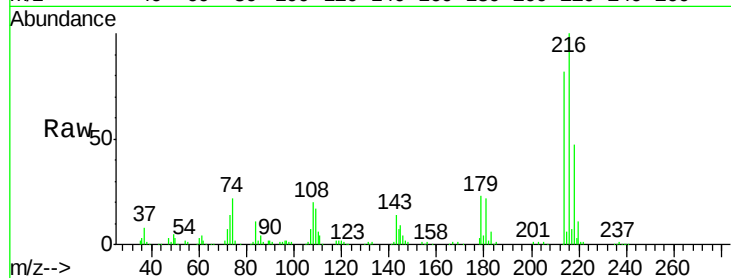




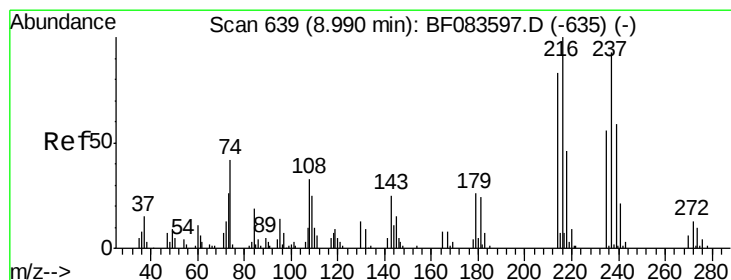
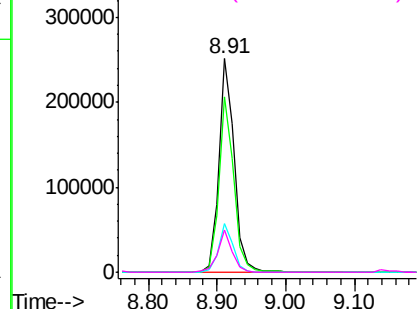
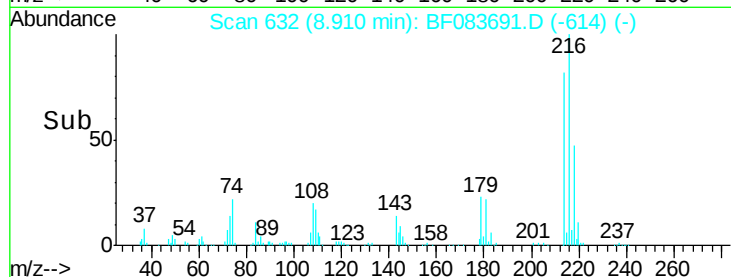
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.56 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.09 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MSD

Tgt Ion:	216	Resp:	394943
Ion	Ratio	Lower	Upper
216	100		
214	80.1	0.0	0.0#
179	21.8	0.0	0.0#
108	19.2	0.0	0.0#

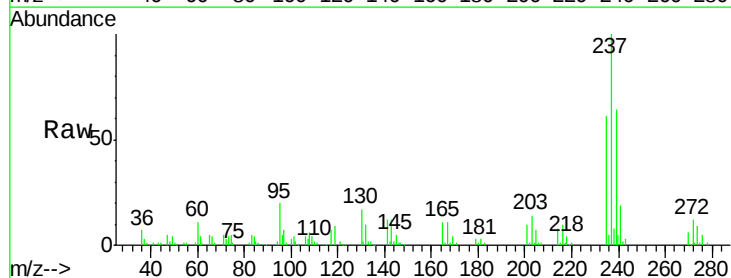


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

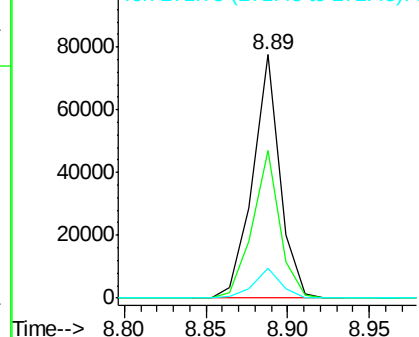
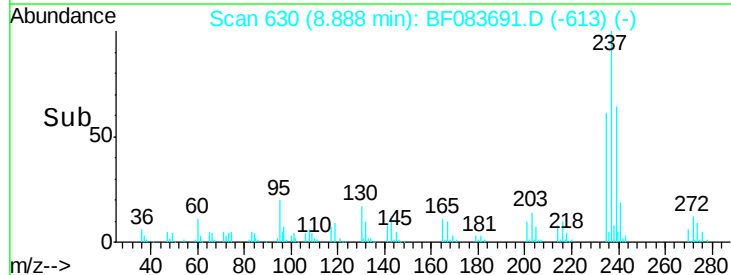


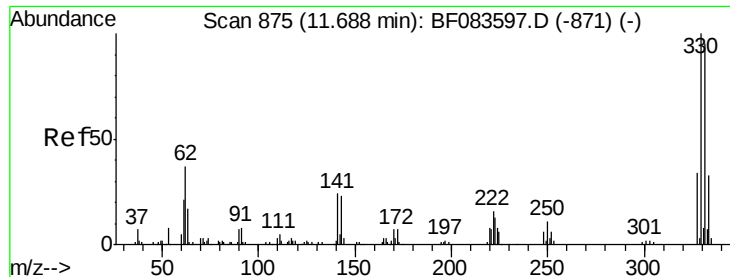
#40
 Hexachlorocyclopentadiene
 Concen: 54.95 ng
 RT: 8.89 min Scan# 630
 Delta R.T. -0.10 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Tgt Ion:	237	Resp:	89767
Ion	Ratio	Lower	Upper
237	100		
235	60.9	43.9	83.9
272	12.3	0.0	31.8



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

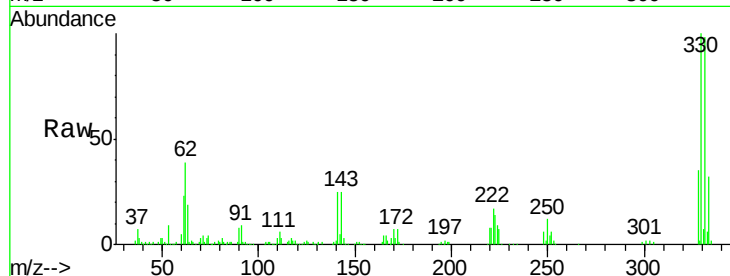




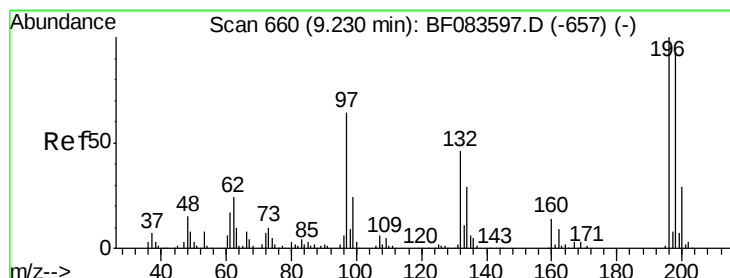
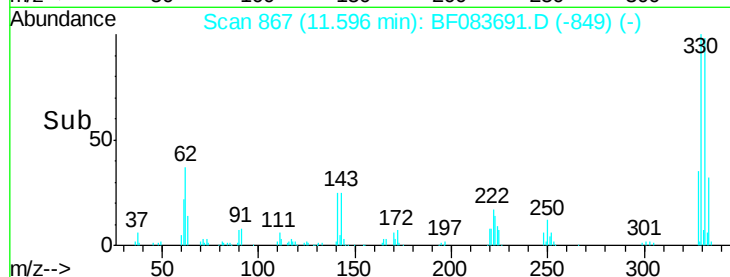
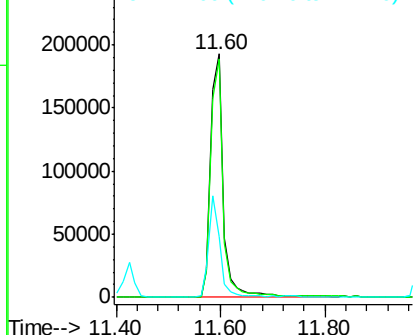
#41
 2,4,6-Tribromophenol
 Concen: 131.41 ng
 RT: 11.60 min Scan# 867
 Delta R.T. -0.09 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MSD

Tgt Ion:330 Resp: 330878
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 36.4 0.0 0.0#

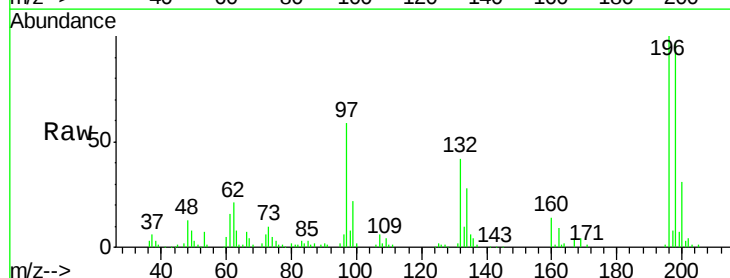


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

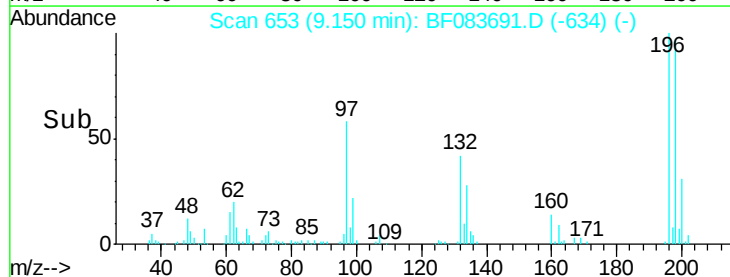
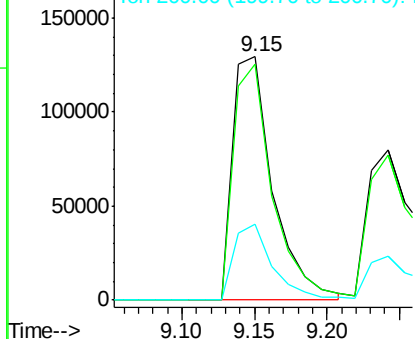


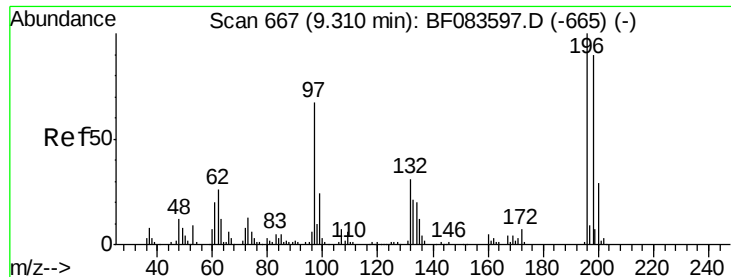
#42
 2,4,6-Trichlorophenol
 Concen: 45.02 ng
 RT: 9.15 min Scan# 653
 Delta R.T. -0.08 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Tgt Ion:196 Resp: 249007
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.2 112.8
 200 31.3 23.0 34.6



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

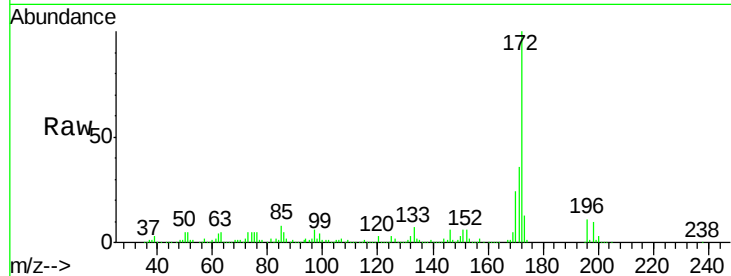




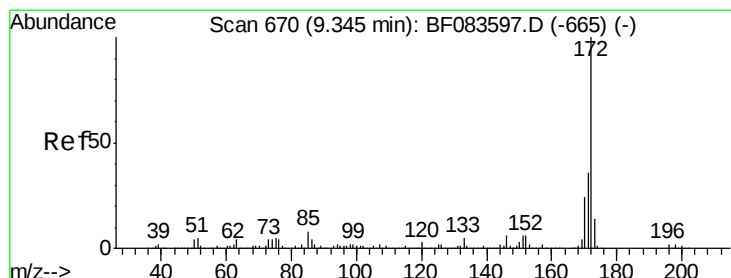
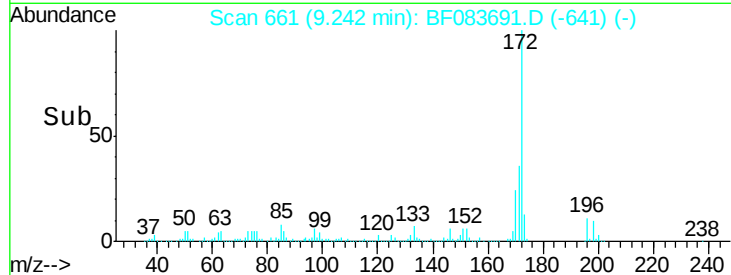
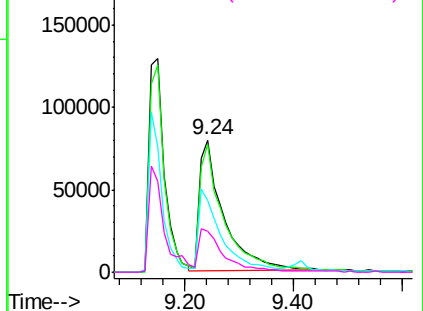
#43
 2,4,5-Trichlorophenol
 Concen: 44.73 ng
 RT: 9.24 min Scan# 661
 Delta R.T. -0.07 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MSD

Tgt Ion	Resp	Lower	Upper
196	244513		
198	96.8	77.7	116.5
97	54.1	41.2	61.8
132	31.5	21.8	32.8

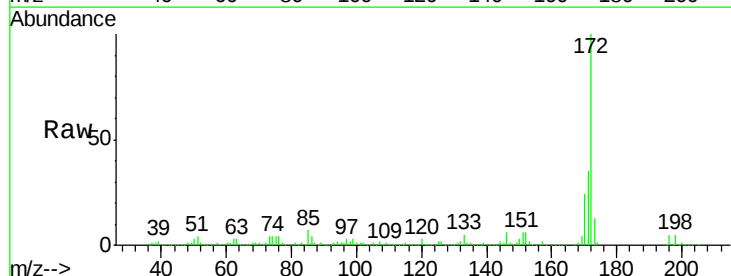


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

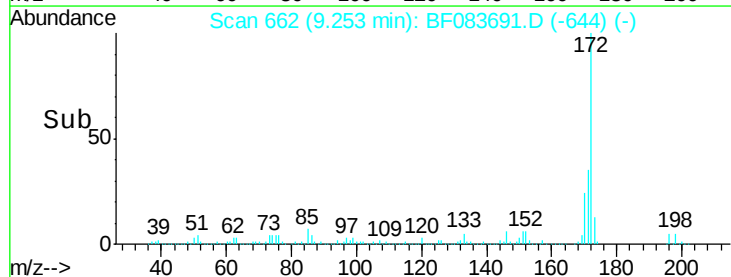
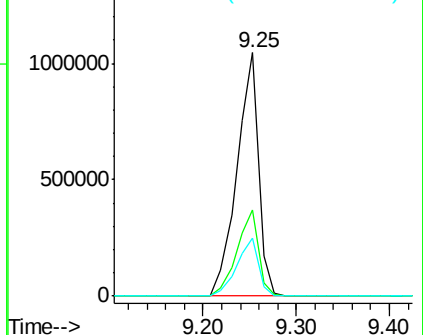


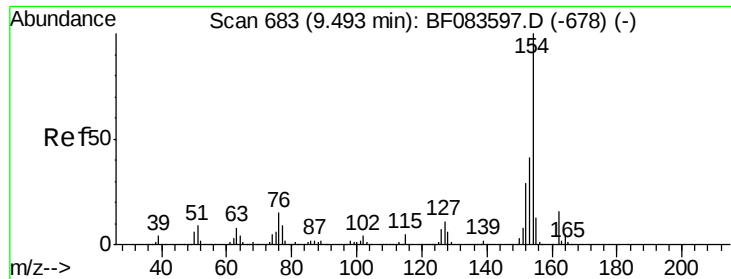
#44
 2-Fluorobiphenyl
 Concen: 83.94 ng
 RT: 9.25 min Scan# 662
 Delta R.T. -0.09 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Tgt Ion	Resp	Lower	Upper
172	1685662		
171	35.4	28.6	42.8
170	23.9	19.4	29.0



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





#45

1,1'-Biphenyl

Concen: 42.76 ng

RT: 9.40 min Scan# 675

Delta R.T. -0.09 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

ClientSampleId :

SB-04MSD

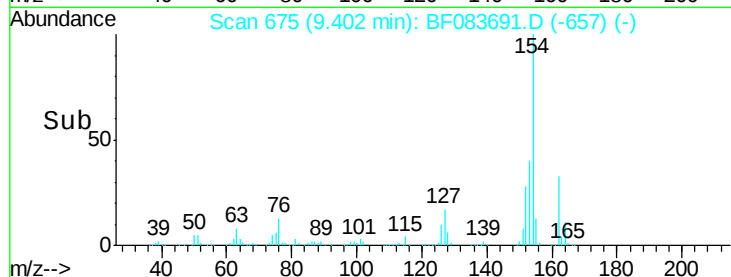
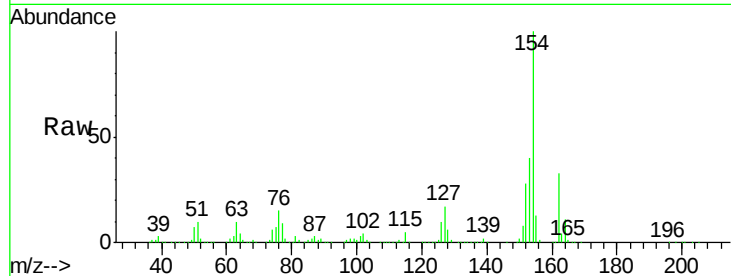
Tgt Ion:154 Resp: 1050412

Ion Ratio Lower Upper

154 100

153 39.9 20.2 60.2

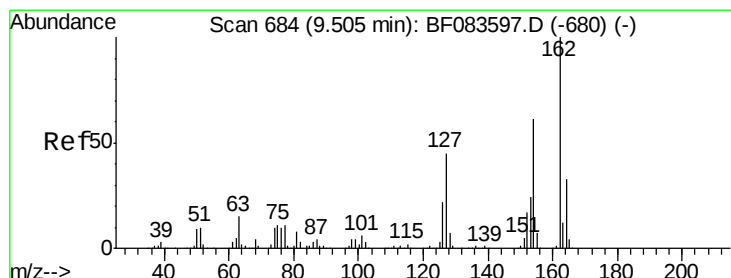
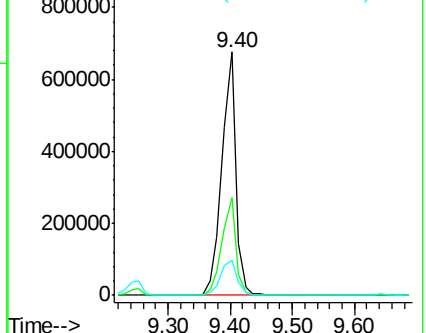
76 14.6 0.0 34.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.01 ng

RT: 9.41 min Scan# 676

Delta R.T. -0.09 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

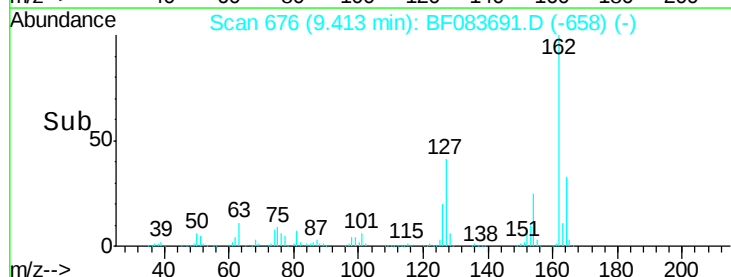
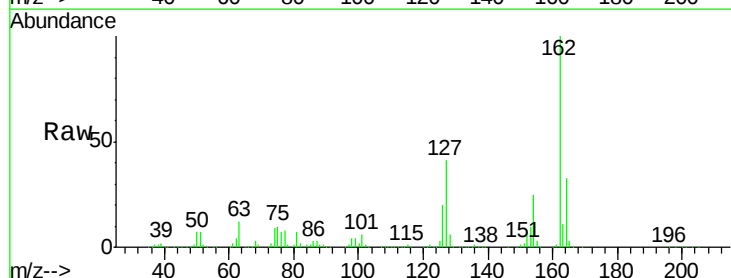
Tgt Ion:162 Resp: 816366

Ion Ratio Lower Upper

162 100

127 41.4 31.0 46.4

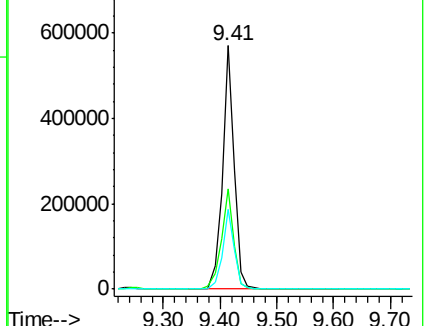
164 32.7 27.4 41.0

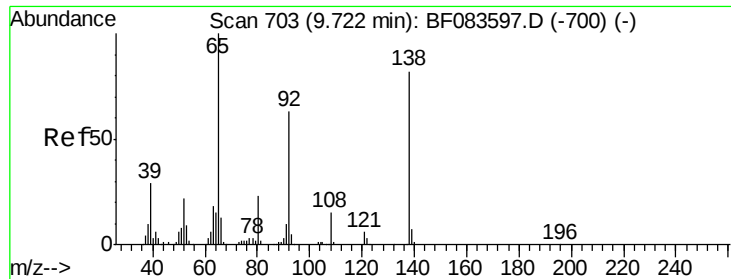


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

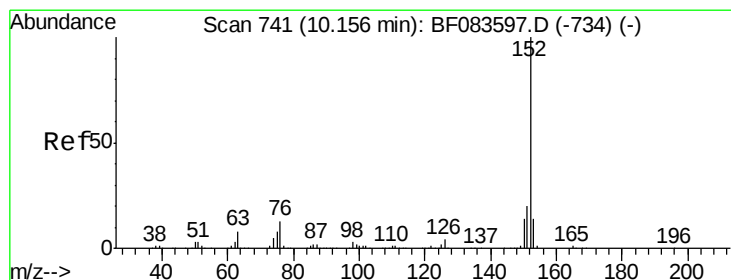
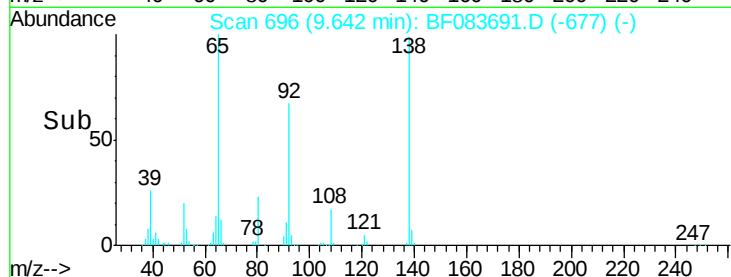
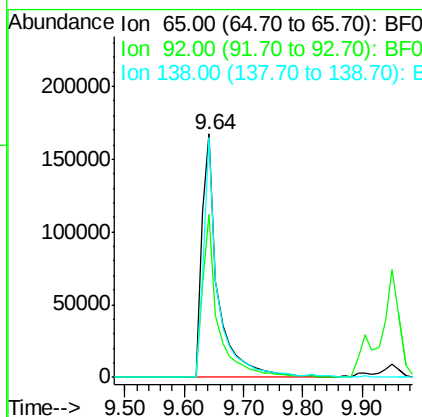
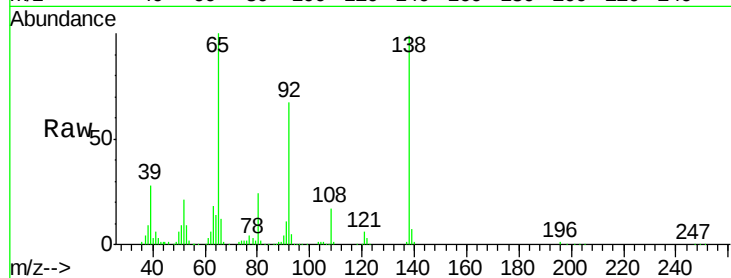




#47
2-Nitroaniline
Concen: 48.10 ng
RT: 9.64 min Scan# 696
Delta R.T. -0.08 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

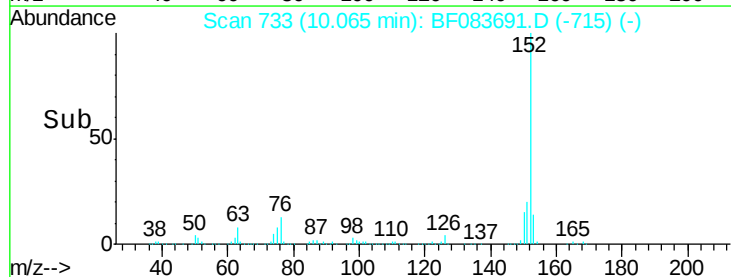
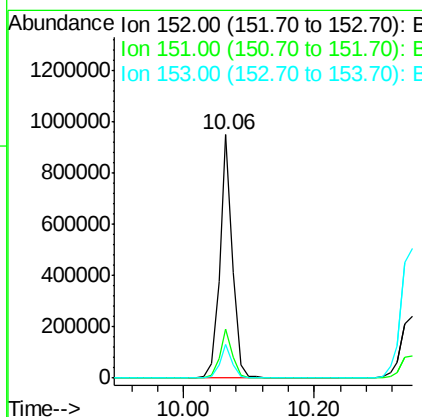
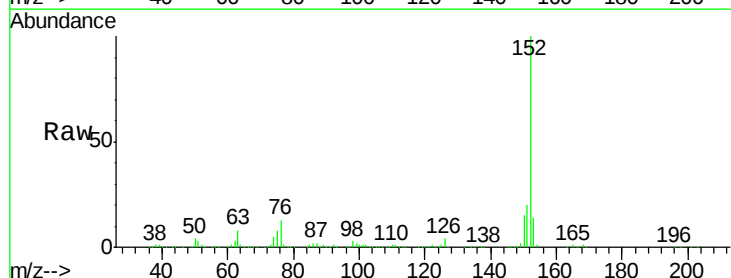
Instrument :
BNA_F
ClientSampleId :
SB-04MSD

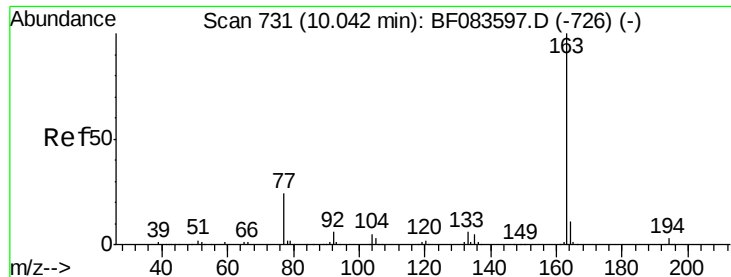
Tgt Ion: 65 Resp: 321719
Ion Ratio Lower Upper
65 100
92 67.1 49.6 74.4
138 98.7 64.1 96.1#



#48
Acenaphthylene
Concen: 42.11 ng
RT: 10.06 min Scan# 733
Delta R.T. -0.09 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

Tgt Ion: 152 Resp: 1287819
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.8 10.8 16.2





#49

Dimethylphthalate

Concen: 51.70 ng

RT: 9.95 min Scan# 723

Delta R.T. -0.09 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

ClientSampleId :

SB-04MSD

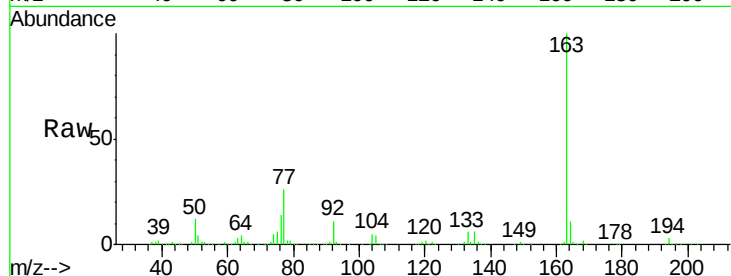
Tgt Ion:163 Resp: 1163228

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

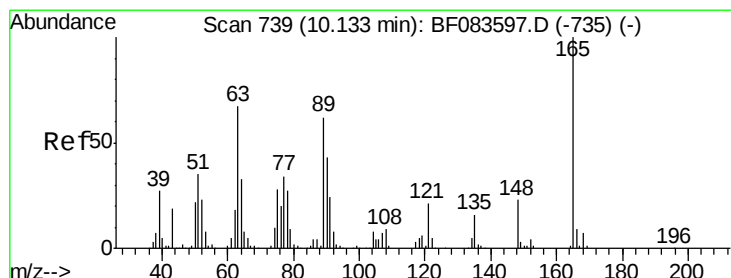
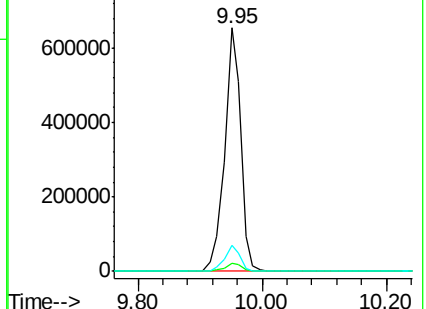
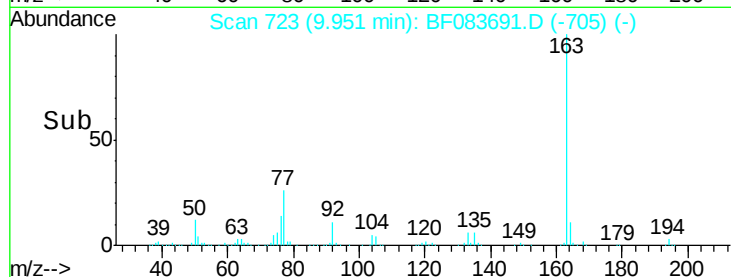
164 10.7 8.6 13.0



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: 44.12 ng

RT: 10.04 min Scan# 731

Delta R.T. -0.09 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

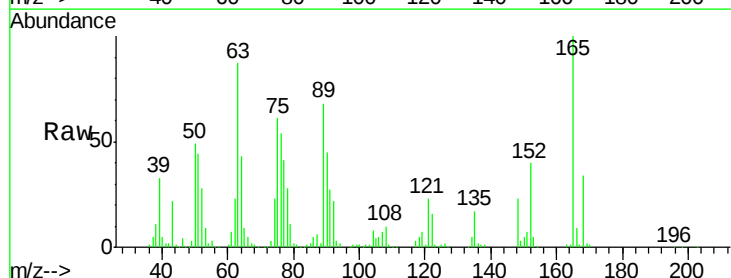
Tgt Ion:165 Resp: 204929

Ion Ratio Lower Upper

165 100

63 86.8 56.9 85.3#

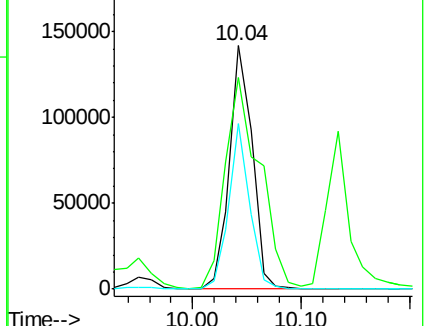
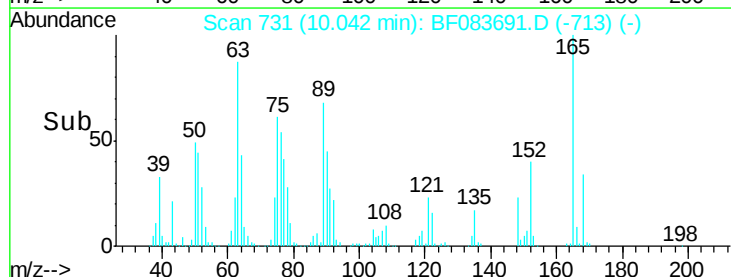
89 68.0 52.1 78.1

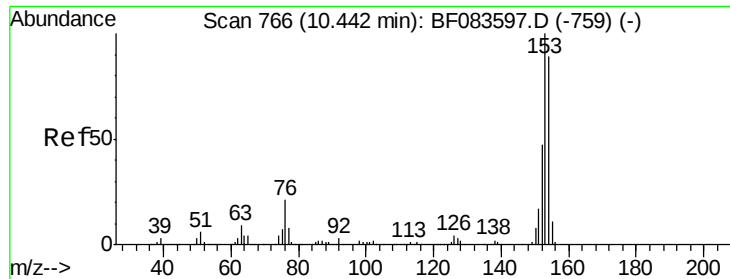


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.40 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.09 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

ClientSampleId :

SB-04MSD

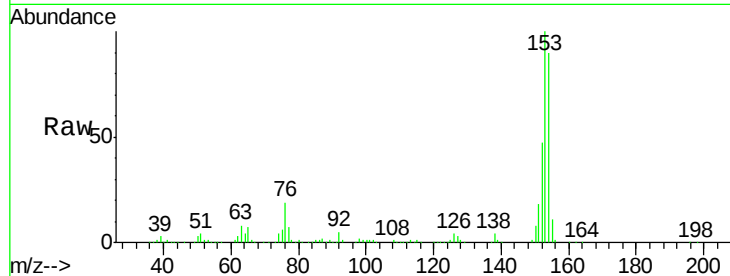
Tgt Ion:154 Resp: 759917

Ion Ratio Lower Upper

154 100

153 111.4 91.4 137.0

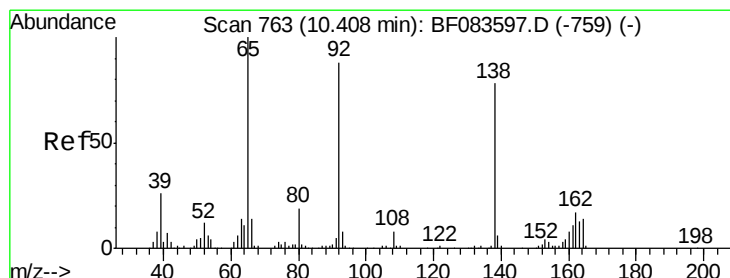
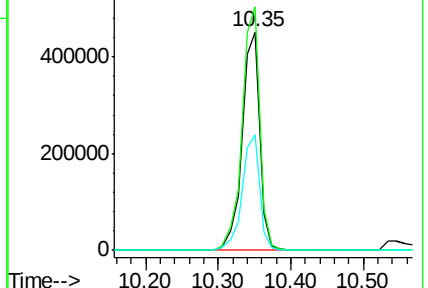
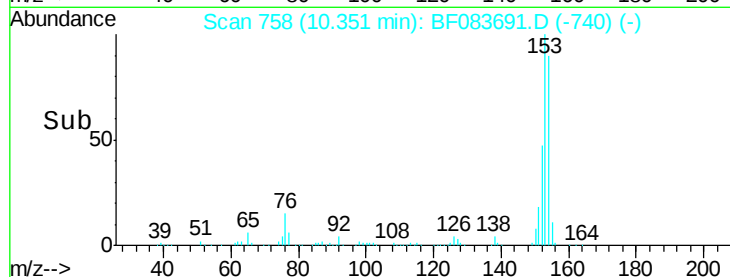
152 52.9 43.4 65.2



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: 25.82 ng

RT: 10.33 min Scan# 756

Delta R.T. -0.08 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

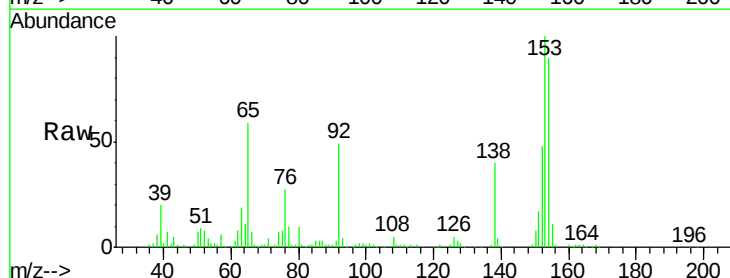
Tgt Ion:138 Resp: 127474

Ion Ratio Lower Upper

138 100

108 11.5 9.9 14.9

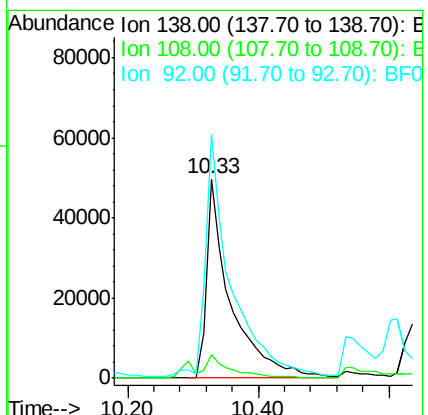
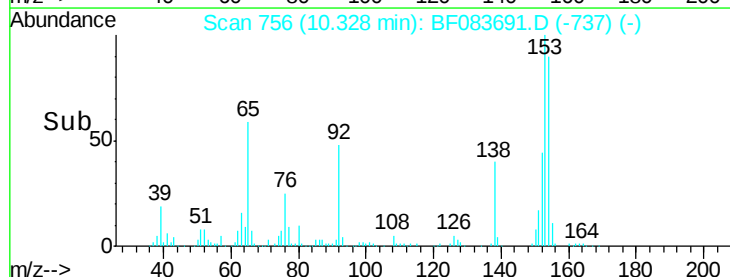
92 122.1 113.8 170.8

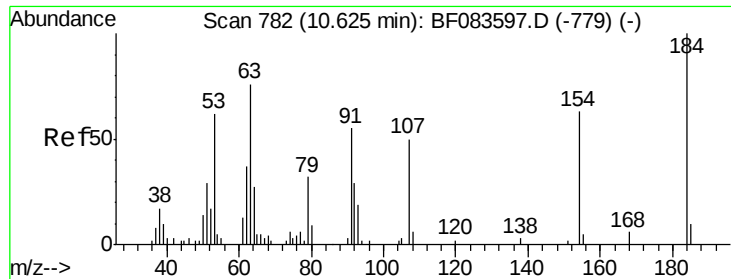


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

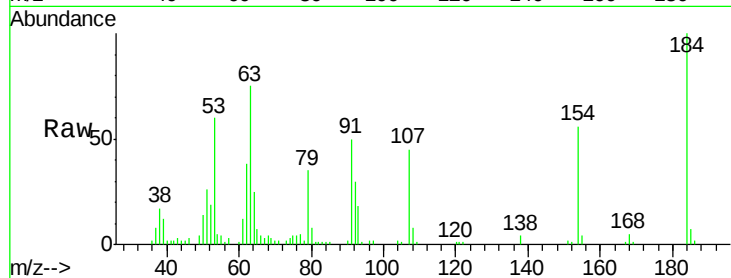




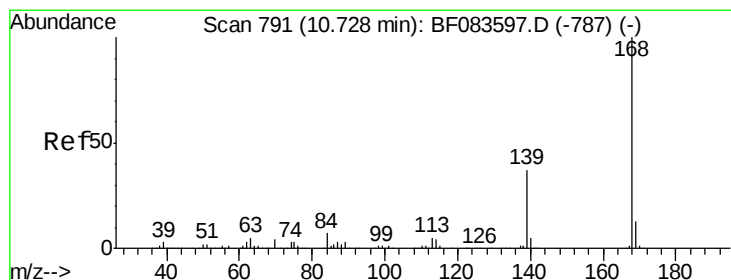
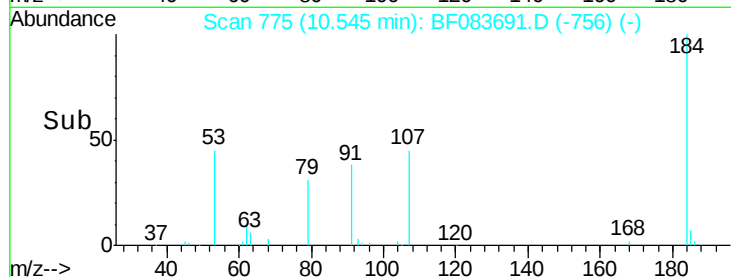
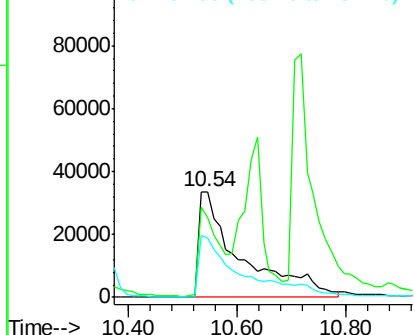
#53
2,4-Dinitrophenol
Concen: 77.79 ng
RT: 10.54 min Scan# 775
Delta R.T. -0.08 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tgt Ion:184 Resp: 178453
Ion Ratio Lower Upper
184 100
63 75.5 62.4 93.6
154 56.5 46.6 69.8

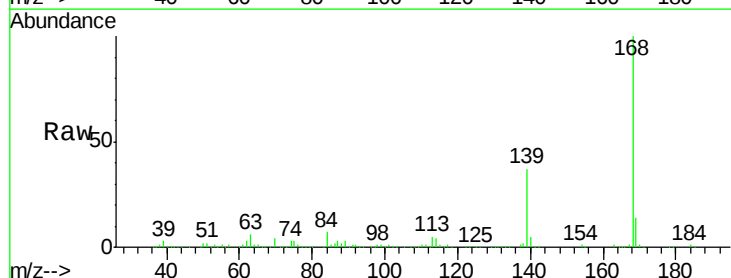


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

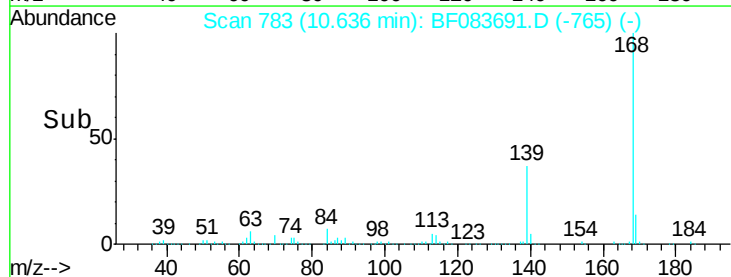
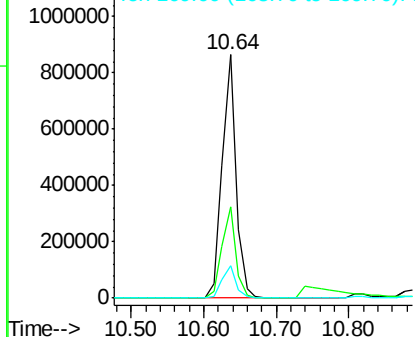


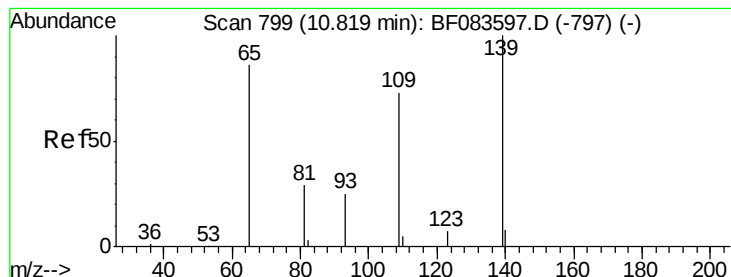
#54
Dibenzofuran
Concen: 47.39 ng
RT: 10.64 min Scan# 783
Delta R.T. -0.09 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

Tgt Ion:168 Resp: 1150741
Ion Ratio Lower Upper
168 100
139 37.4 28.0 42.0
169 13.5 10.8 16.2



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: 89.78 ng

RT: 10.74 min Scan# 792

Delta R.T. -0.08 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

ClientSampleId :

SB-04MSD

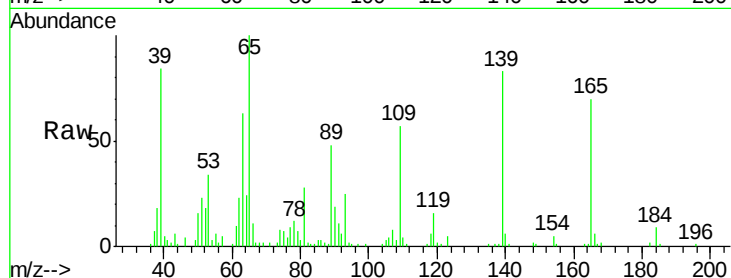
Tgt Ion:139 Resp: 195129

Ion Ratio Lower Upper

139 100

109 68.2 42.0 82.0

65 120.4 89.2 129.2

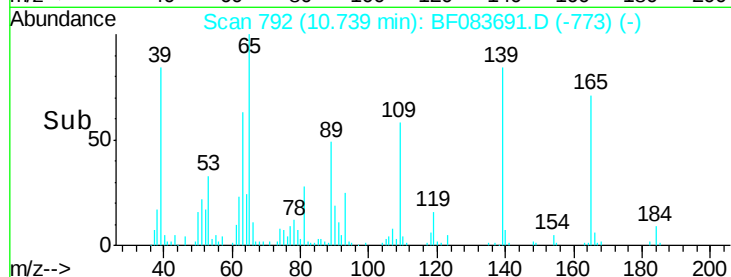


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->

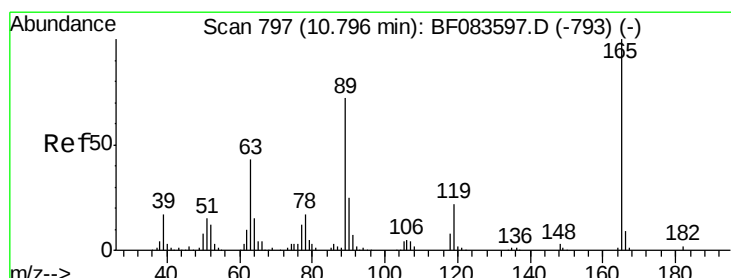


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

Time-->



#56

2,4-Dinitrotoluene

Concen: 46.98 ng

RT: 10.72 min Scan# 790

Delta R.T. -0.08 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

Tgt Ion:165 Resp: 289428

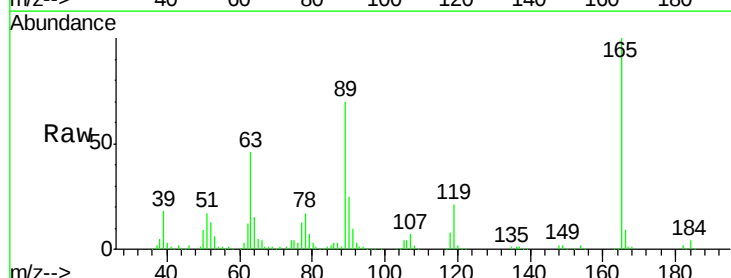
Ion Ratio Lower Upper

165 100

63 46.4 51.4 77.2#

89 69.8 72.6 108.8#

182 2.2 1.4 2.0#



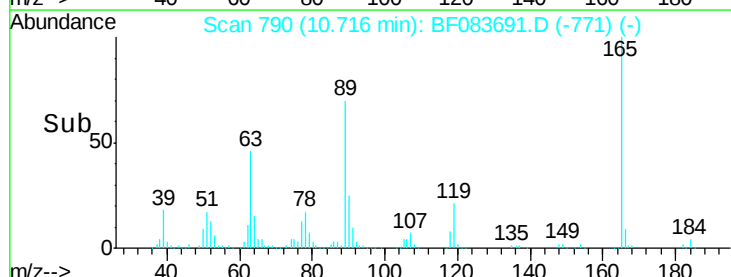
Abundance Ion 165.00 (164.70 to 165.70): E

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

Time-->



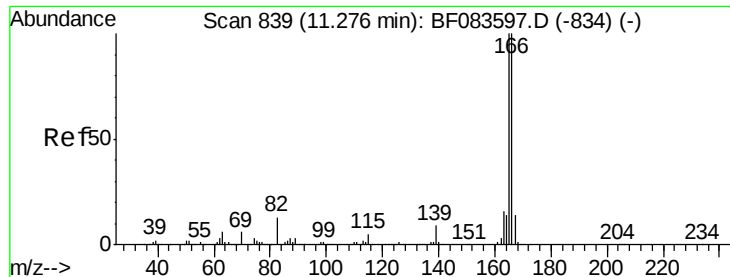
Abundance Ion 165.00 (164.70 to 165.70): E

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

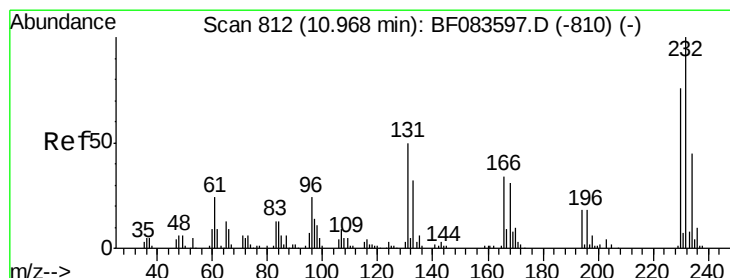
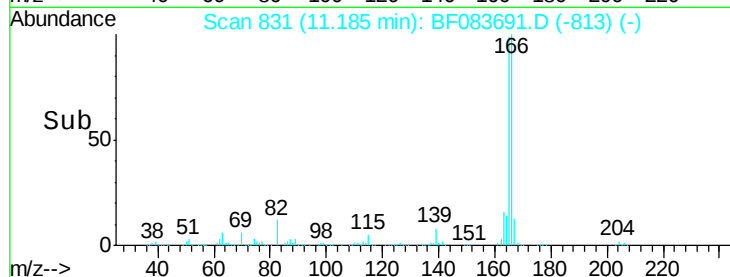
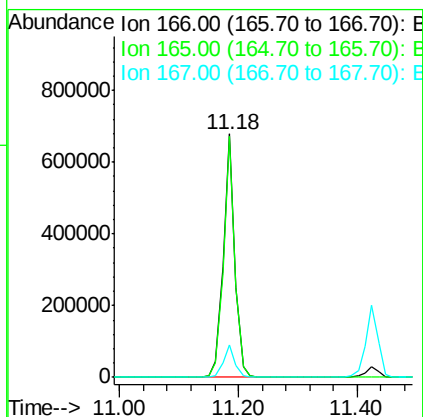
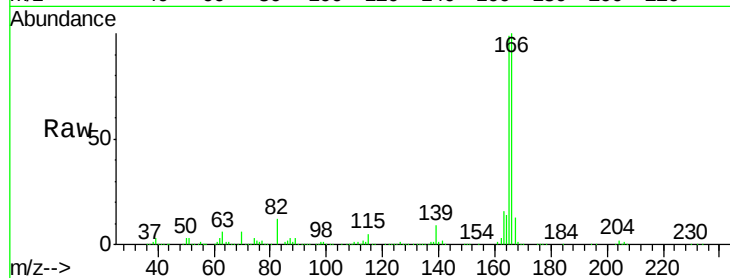
Time-->



#57
 Fluorene
 Concen: 42.78 ng
 RT: 11.18 min Scan# 831
 Delta R.T. -0.09 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

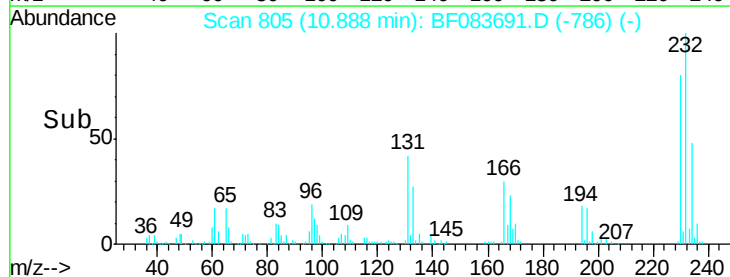
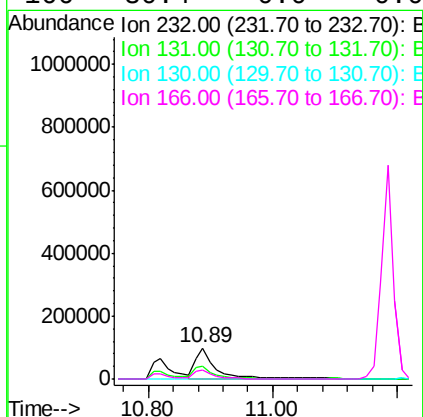
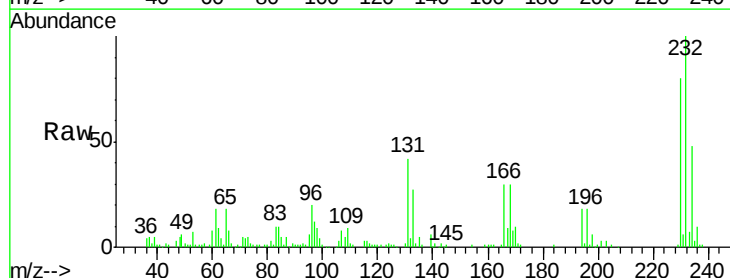
Instrument :
 BNA_F
 ClientSampleId :
 SB-04MSD

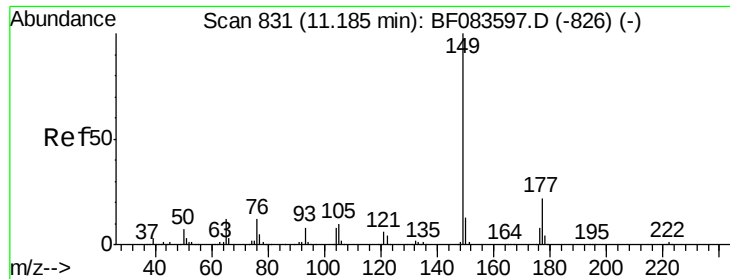
Tgt Ion:166 Resp: 906622
 Ion Ratio Lower Upper
 166 100
 165 99.0 80.0 120.0
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.51 ng
 RT: 10.89 min Scan# 805
 Delta R.T. -0.08 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Tgt Ion:232 Resp: 213652
 Ion Ratio Lower Upper
 232 100
 131 46.8 0.0 0.0#
 130 2.3 0.0 0.0#
 166 30.4 0.0 0.0#

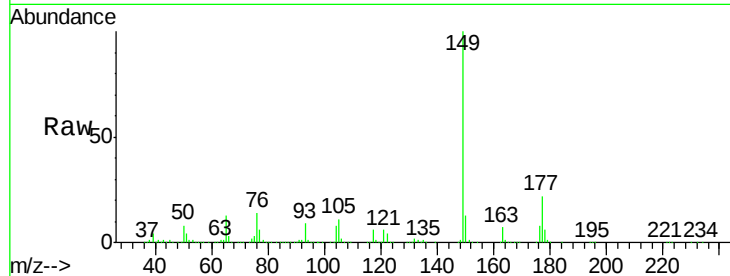




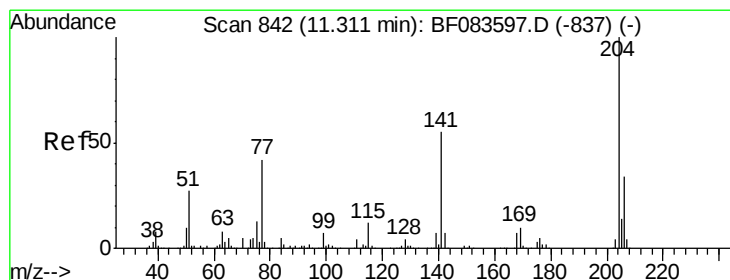
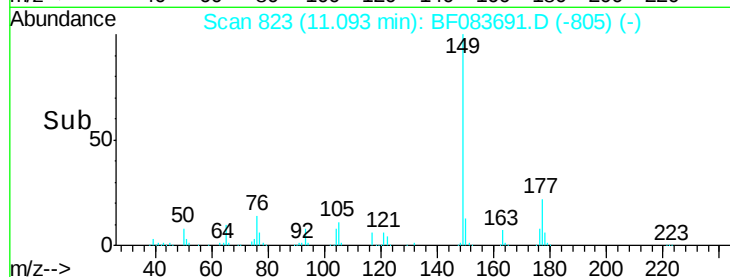
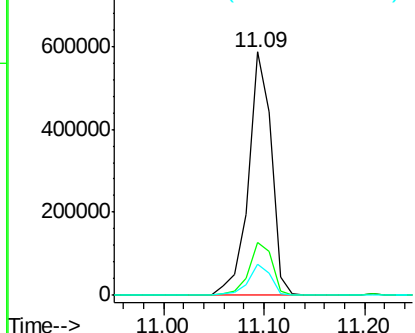
#59
Diethylphthalate
Concen: 42.40 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.09 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

Instrument :
BNA_F
ClientSampleId :
SB-04MSD

Tgt Ion:149 Resp: 927440
Ion Ratio Lower Upper
149 100
177 21.8 16.9 25.3
150 12.9 10.2 15.4

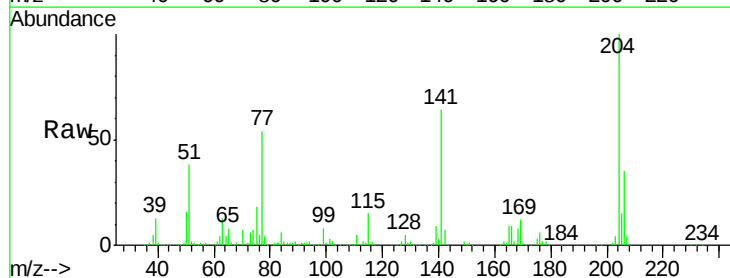


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

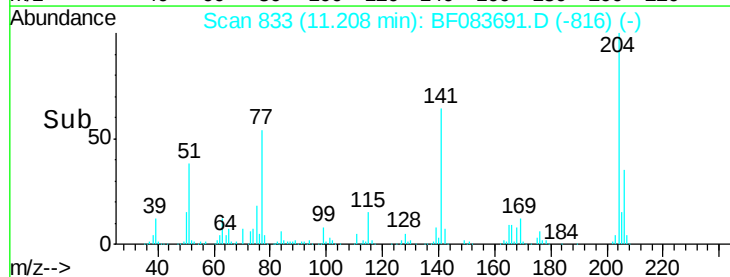
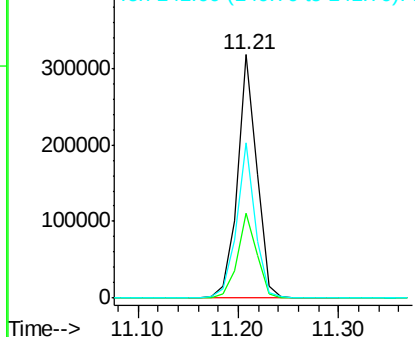


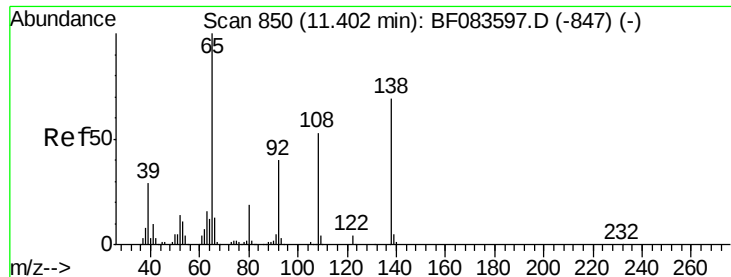
#60
4-Chlorophenyl-phenylether
Concen: 42.03 ng
RT: 11.21 min Scan# 833
Delta R.T. -0.10 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

Tgt Ion:204 Resp: 424013
Ion Ratio Lower Upper
204 100
206 34.9 27.3 40.9
141 63.9 51.9 77.9



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

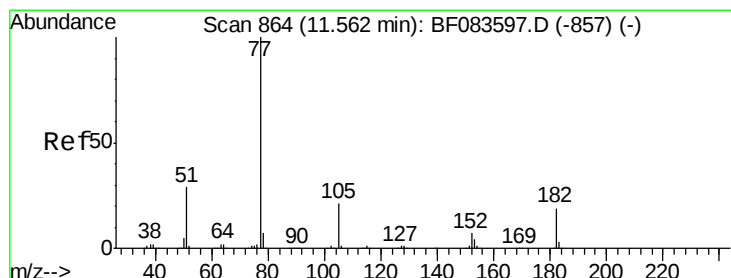
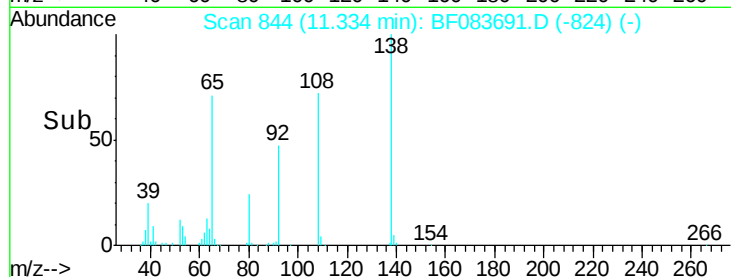
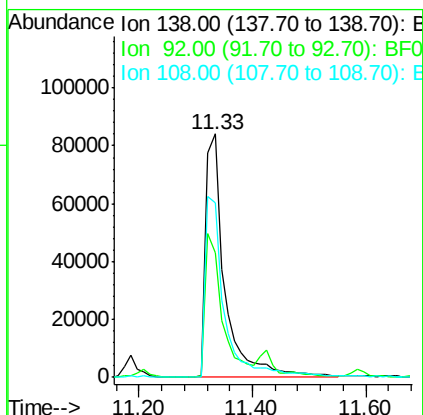
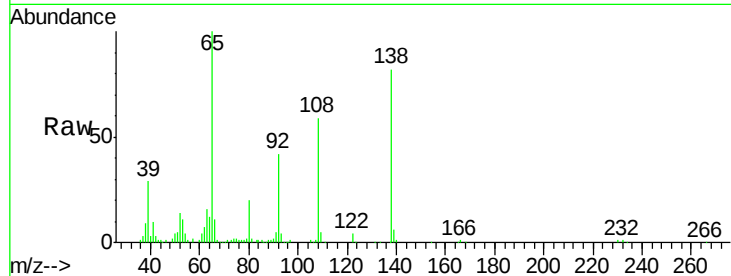




#61
4-Nitroaniline
Concen: 42.61 ng
RT: 11.33 min Scan# 844
Delta R.T. -0.07 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

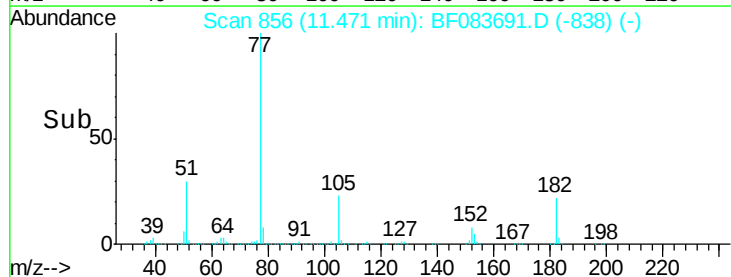
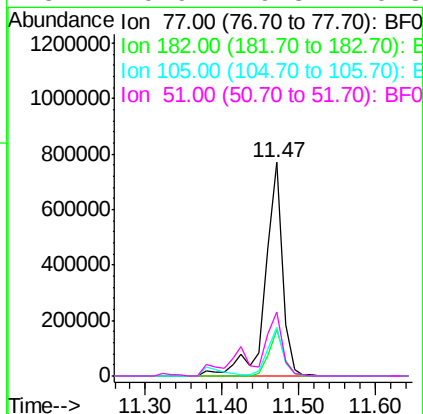
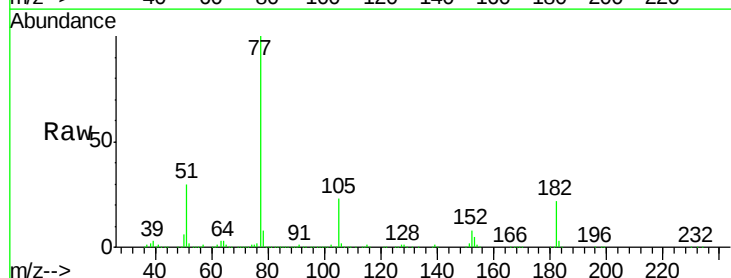
Instrument :
BNA_F
ClientSampleId :
SB-04MSD

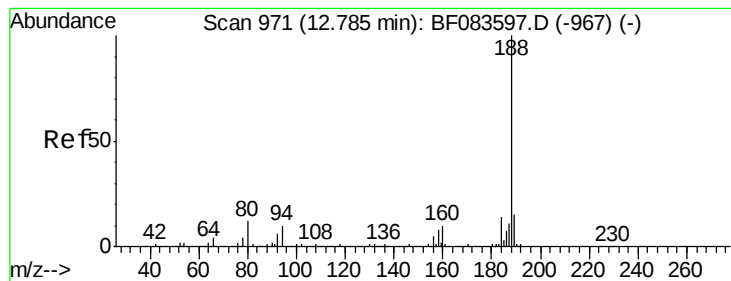
Tgt Ion:138 Resp: 191114
Ion Ratio Lower Upper
138 100
92 51.4 29.0 69.0
108 71.7 47.4 87.4



#62
Azobenzene
Concen: 49.43 ng
RT: 11.47 min Scan# 856
Delta R.T. -0.09 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

Tgt Ion: 77 Resp: 1190008
Ion Ratio Lower Upper
77 100
182 21.8 2.5 42.5
105 22.5 2.1 42.1
51 29.9 9.3 49.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.69 min Scan# 963

Delta R.T. -0.09 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

ClientSampleId :

SB-04MSD

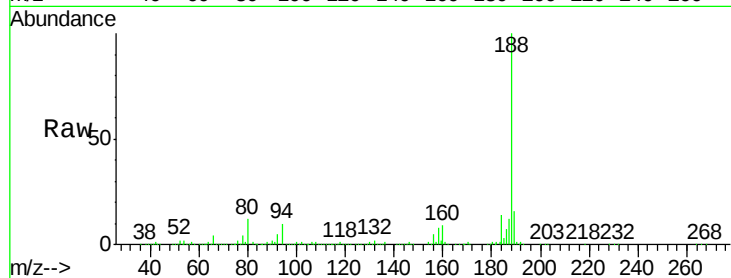
Tgt Ion:188 Resp: 505360

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

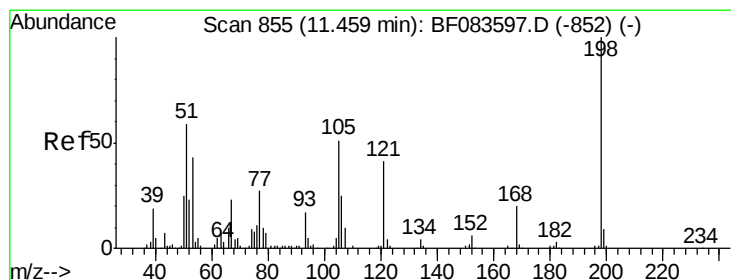
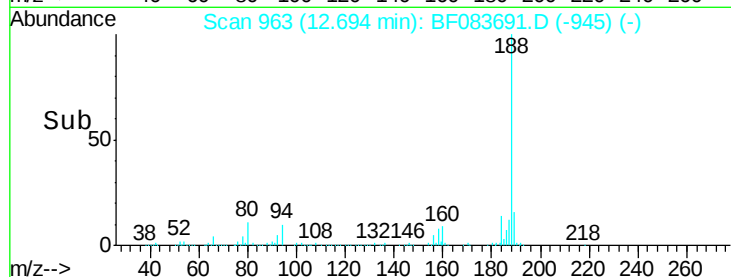
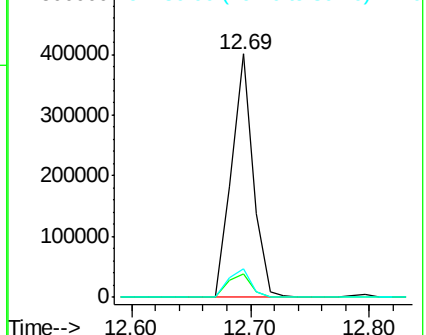
80 11.5 10.6 16.0



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: 39.59 ng

RT: 11.39 min Scan# 849

Delta R.T. -0.07 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

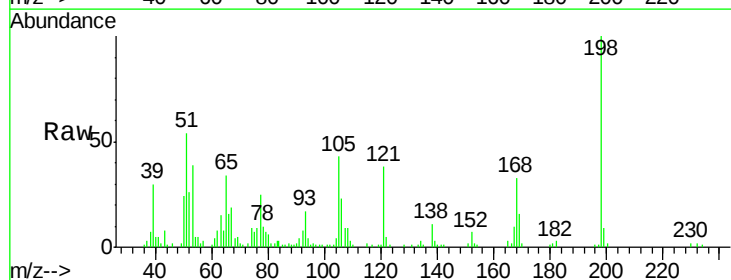
Tgt Ion:198 Resp: 135073

Ion Ratio Lower Upper

198 100

51 54.2 53.8 93.8

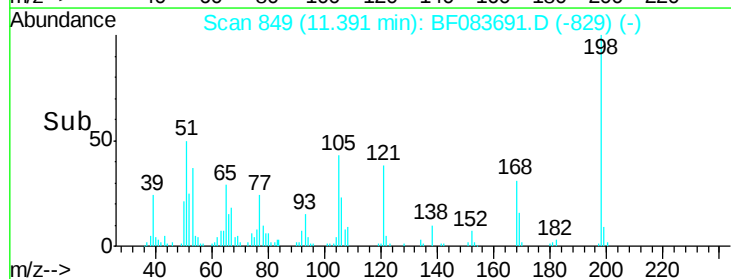
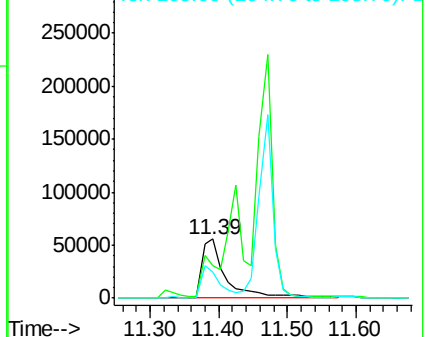
105 43.3 38.6 78.6

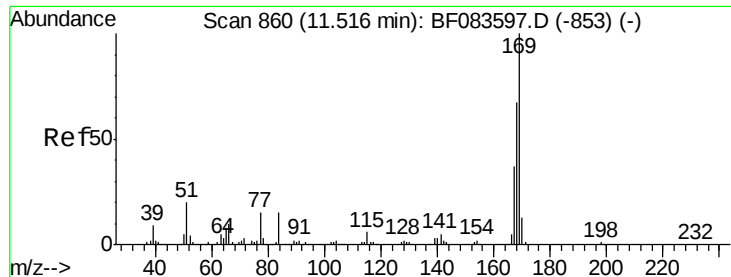


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

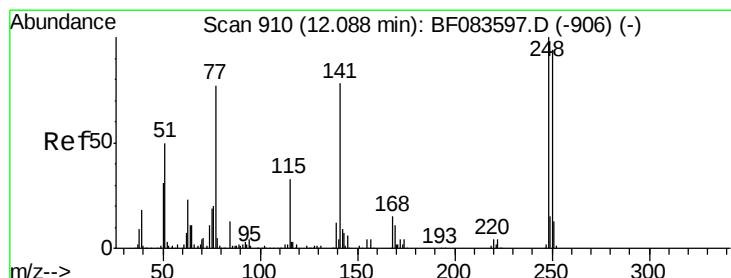
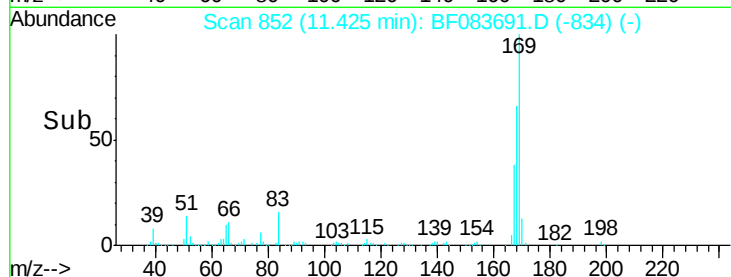
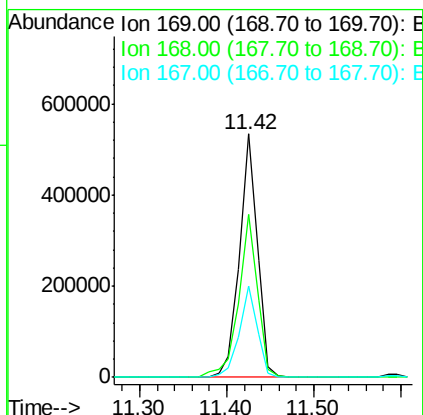
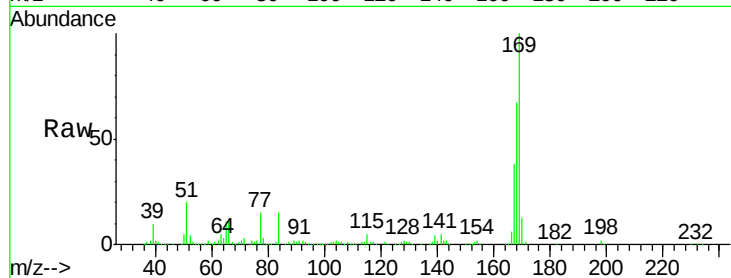




#65
n-Nitrosodiphenylamine
Concen: 45.92 ng
RT: 11.42 min Scan# 852
Delta R.T. -0.09 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

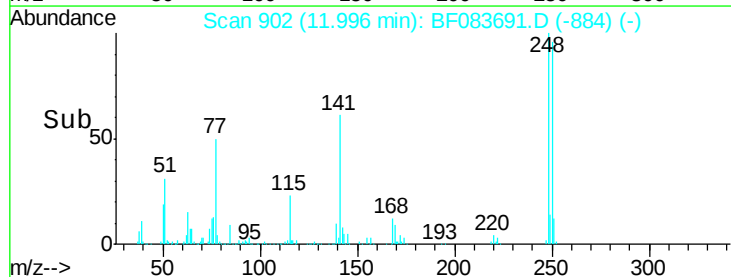
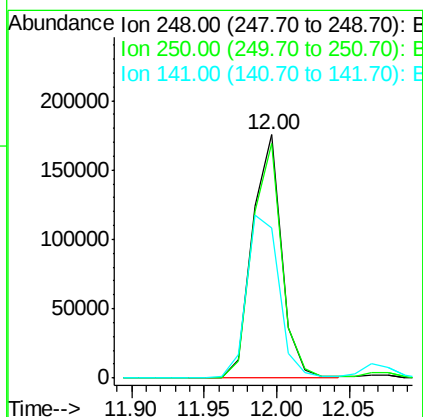
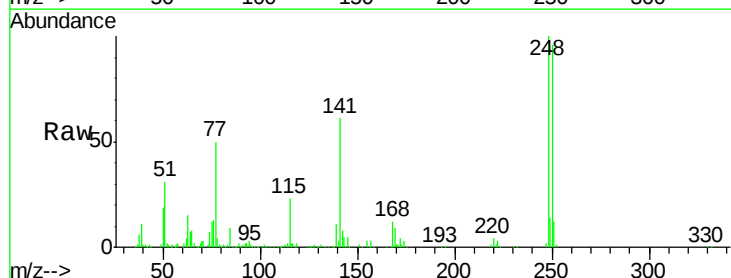
Instrument :
BNA_F
ClientSampleId :
SB-04MSD

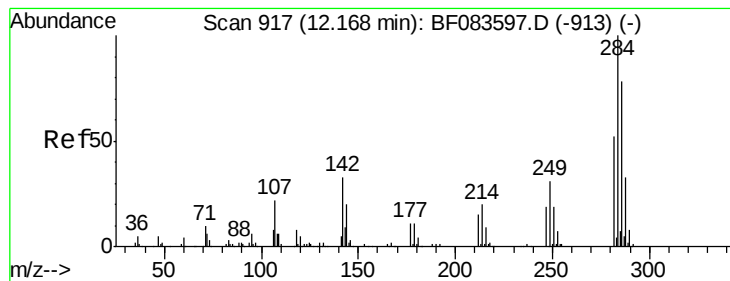
Tgt Ion:169 Resp: 765812
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.6
167 37.6 29.3 43.9



#66
4-Bromophenyl-phenylether
Concen: 43.49 ng
RT: 12.00 min Scan# 902
Delta R.T. -0.09 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

Tgt Ion:248 Resp: 245140
Ion Ratio Lower Upper
248 100
250 96.2 79.2 118.8
141 61.5 58.2 87.4





#67

Hexachlorobenzene

Concen: 44.85 ng

RT: 12.08 min Scan# 909

Delta R.T. -0.09 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

ClientSampleId :

SB-04MSD

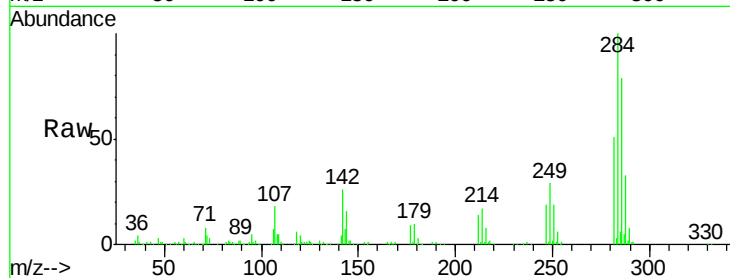
Tgt Ion:284 Resp: 268165

Ion Ratio Lower Upper

284 100

142 25.8 31.0 46.4#

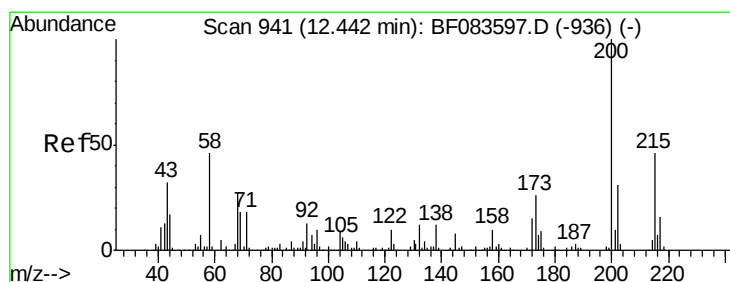
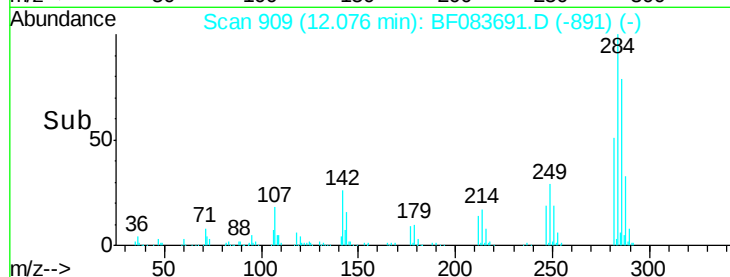
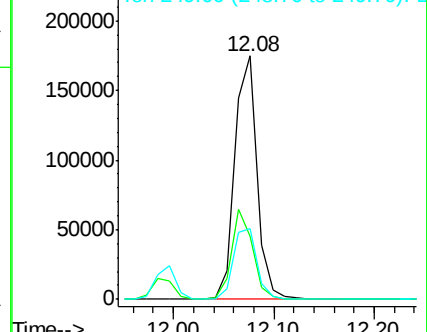
249 28.9 26.9 40.3



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: 48.88 ng

RT: 12.35 min Scan# 933

Delta R.T. -0.09 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

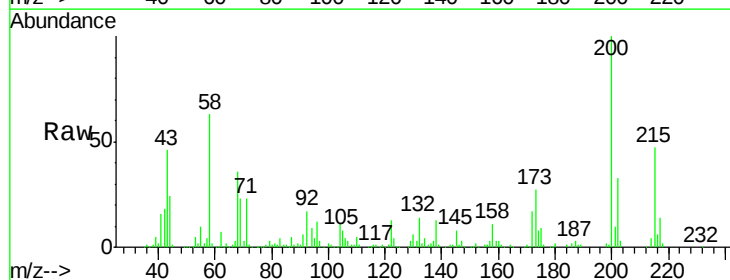
Tgt Ion:200 Resp: 242583

Ion Ratio Lower Upper

200 100

173 27.4 7.8 47.8

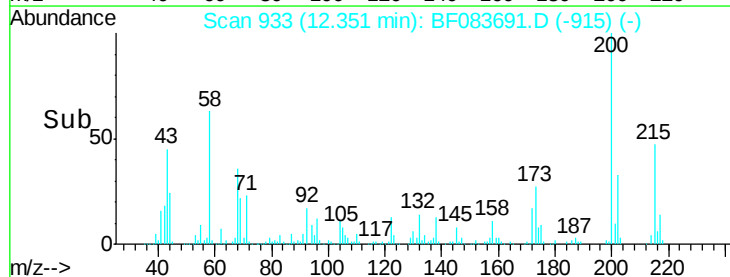
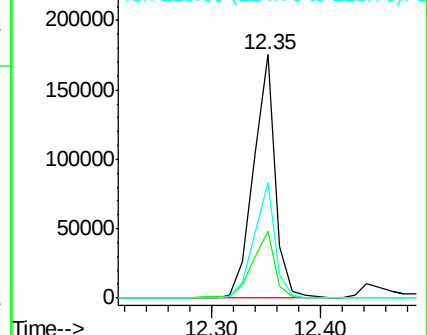
215 47.4 25.7 65.7

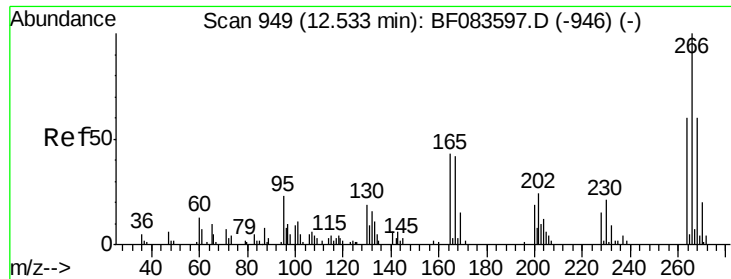


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

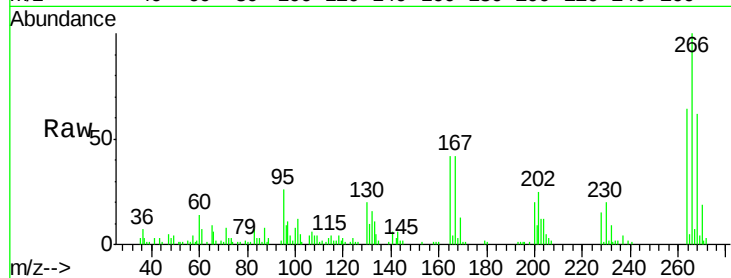




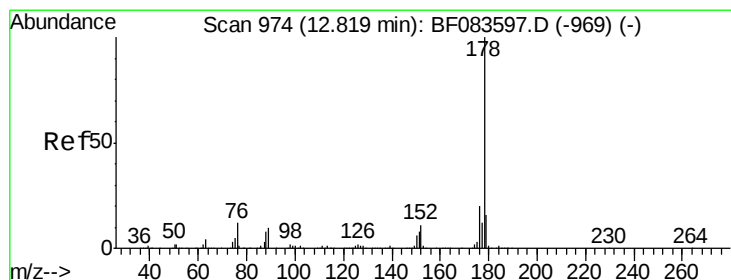
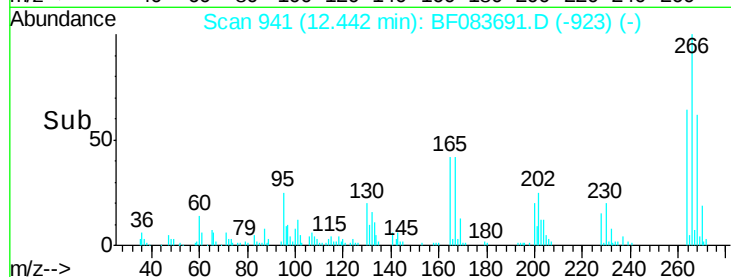
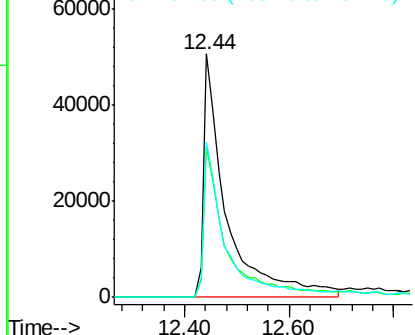
#69
 Pentachlorophenol
 Concen: 93.35 ng
 RT: 12.44 min Scan# 941
 Delta R.T. -0.09 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MSD

Tgt Ion:266 Resp: 154804
 Ion Ratio Lower Upper
 266 100
 268 61.9 50.2 75.2
 264 63.6 51.4 77.2

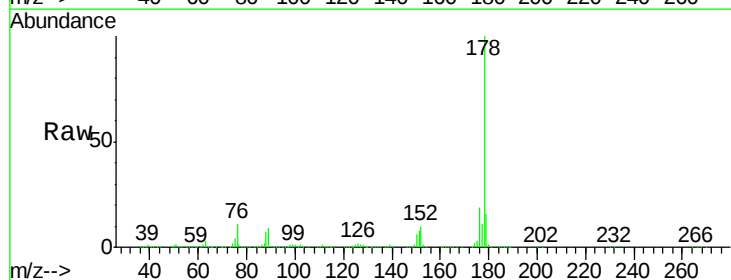


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

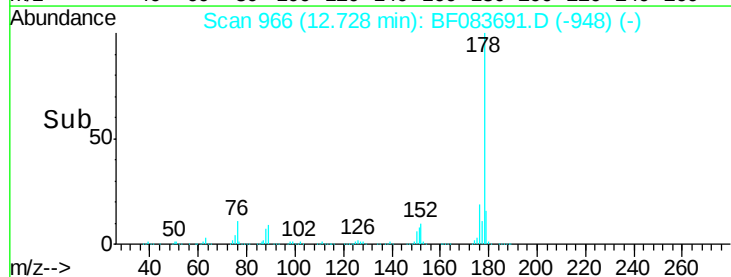
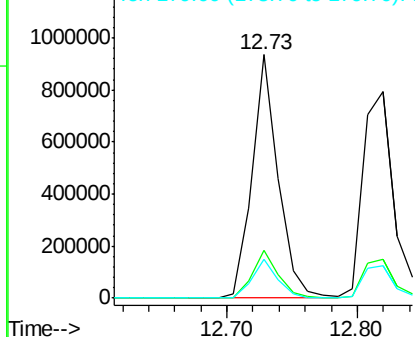


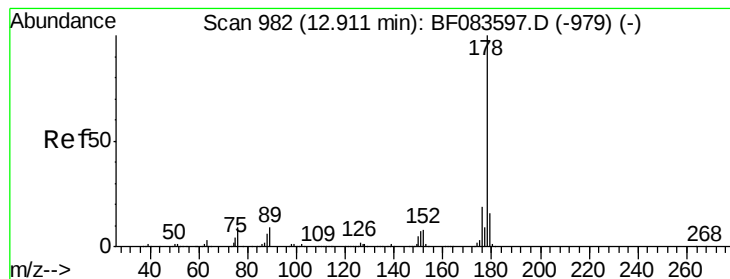
#70
 Phenanthrene
 Concen: 45.07 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.09 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Tgt Ion:178 Resp: 1308770
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.7 23.5
 179 15.8 12.2 18.4



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: 44.35 ng

RT: 12.82 min Scan# 974

Delta R.T. -0.09 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

ClientSampleId :

SB-04MSD

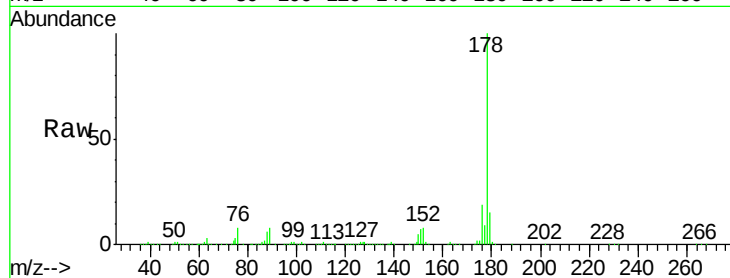
Tgt Ion:178 Resp: 1334094

Ion Ratio Lower Upper

178 100

176 18.6 15.2 22.8

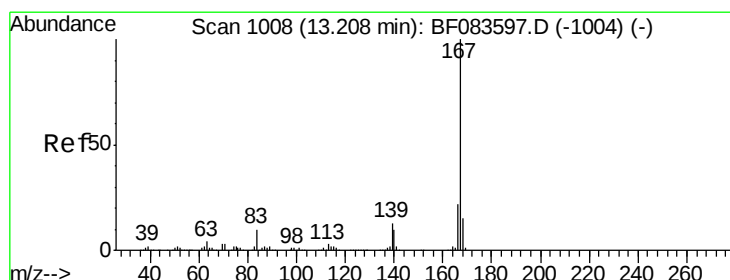
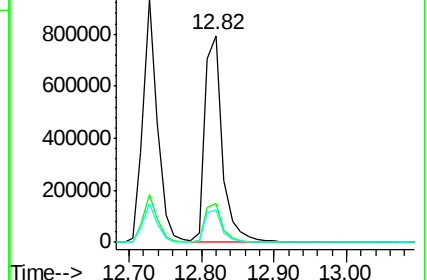
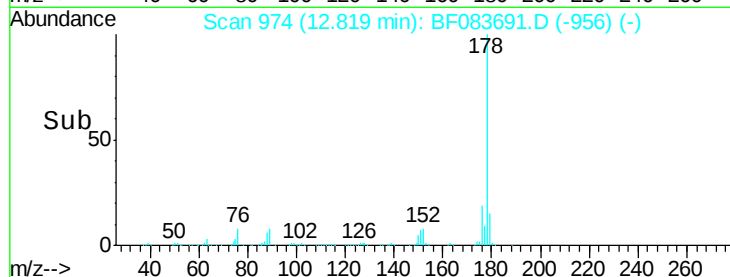
179 15.4 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.90 ng

RT: 13.12 min Scan# 1000

Delta R.T. -0.09 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

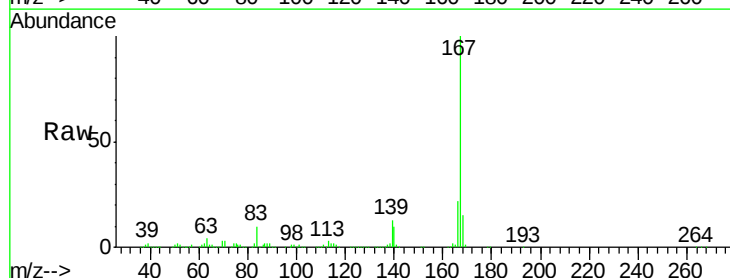
Tgt Ion:167 Resp: 1209804

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

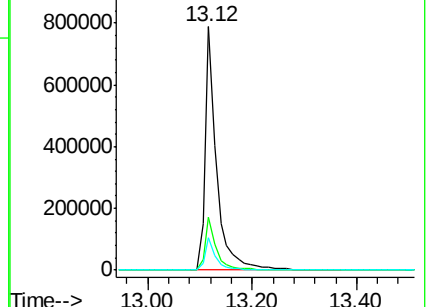
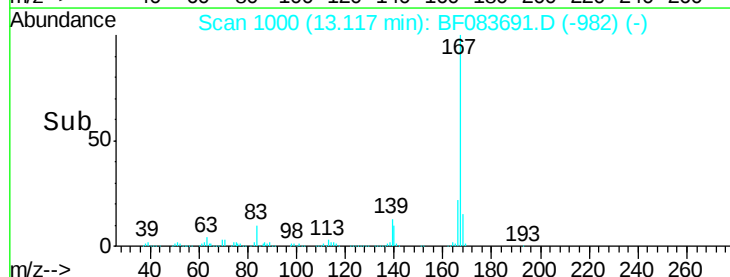
139 13.1 9.3 13.9

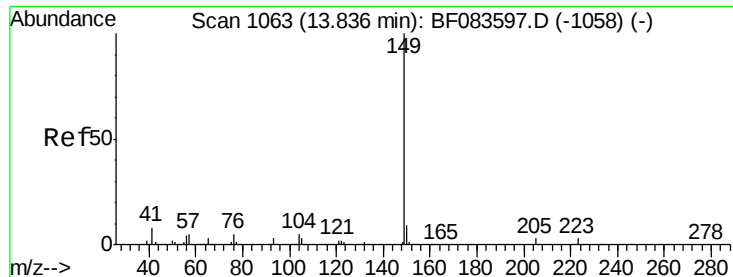


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.94 ng

RT: 13.73 min Scan# 1054

Delta R.T. -0.10 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

ClientSampleId :

SB-04MSD

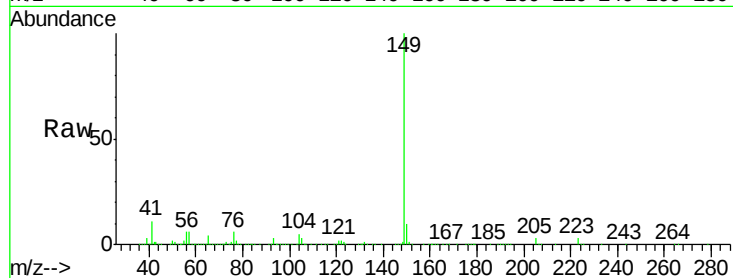
Tgt Ion:149 Resp: 1425399

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

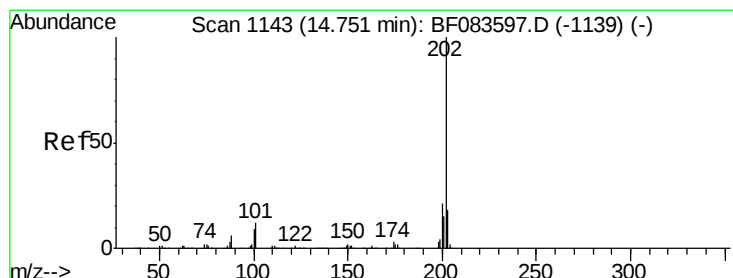
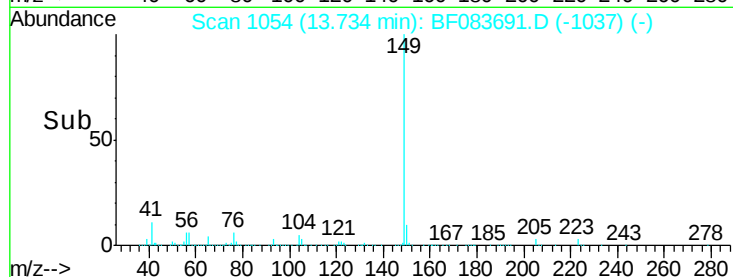
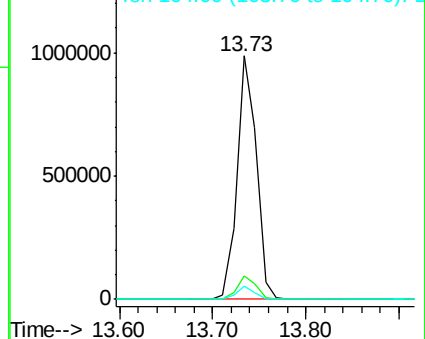
104 5.3 3.9 5.9



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: 44.16 ng

RT: 14.65 min Scan# 1134

Delta R.T. -0.10 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

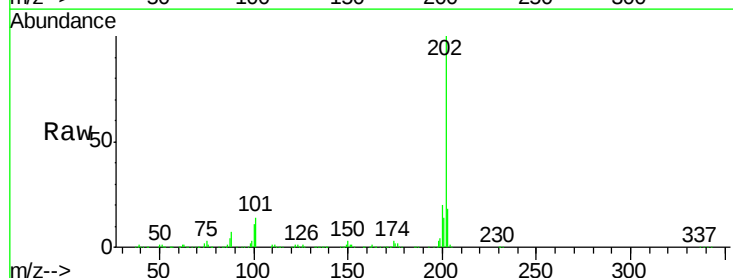
Tgt Ion:202 Resp: 1311735

Ion Ratio Lower Upper

202 100

101 13.8 0.0 31.5

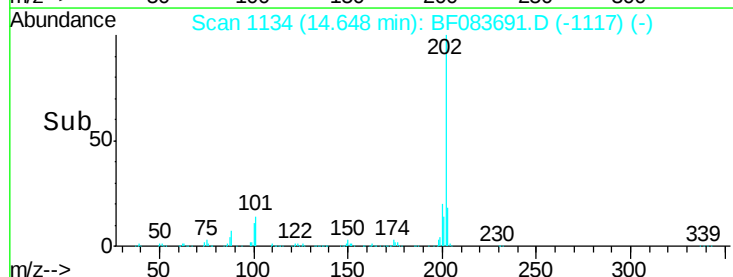
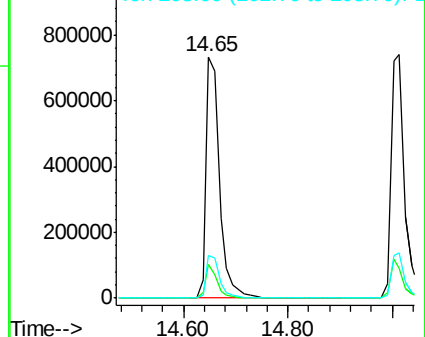
203 17.8 0.0 37.6

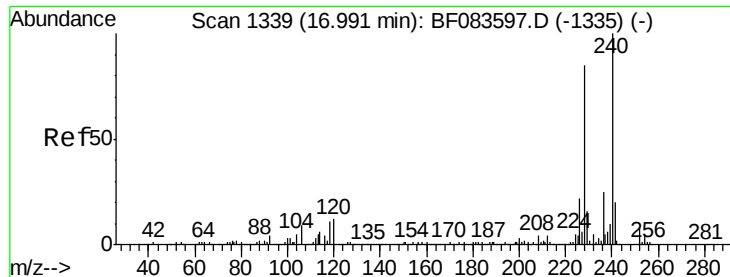


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

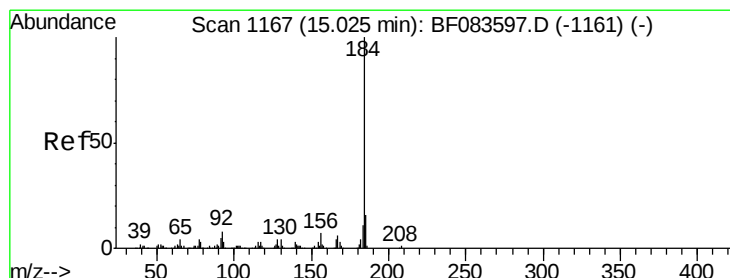
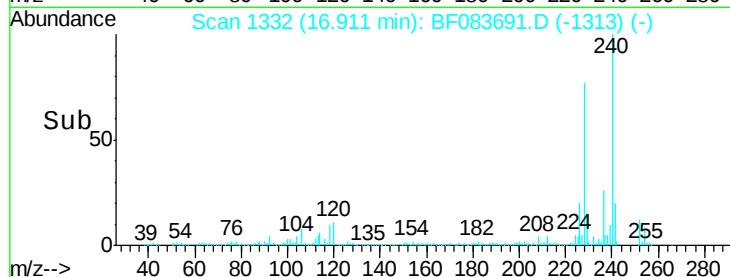
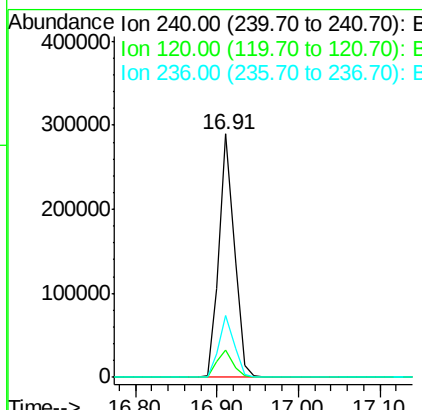
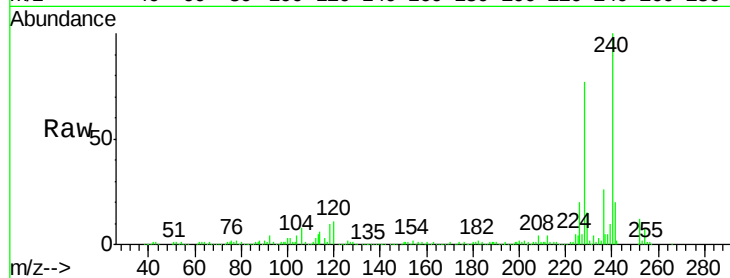




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.91 min Scan# 1332
Delta R.T. -0.08 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

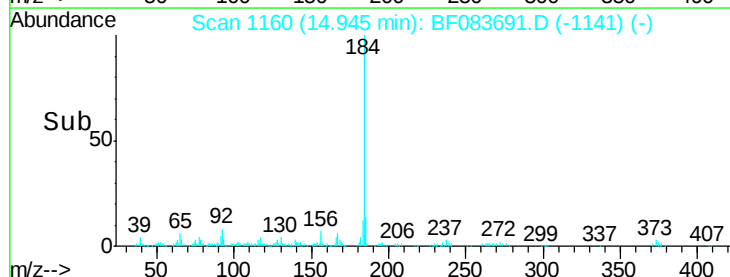
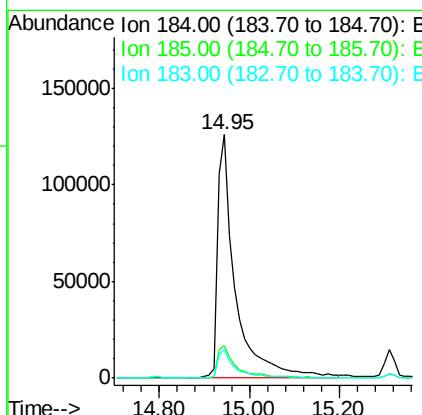
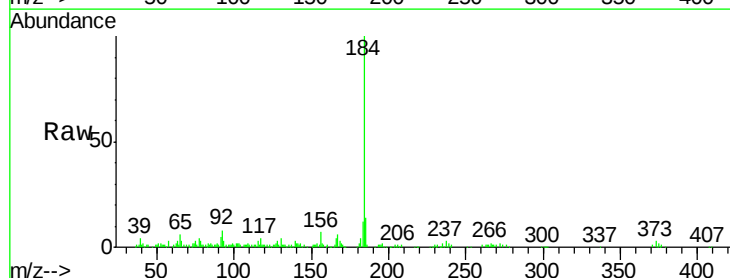
Instrument :
BNA_F
ClientSampleId :
SB-04MSD

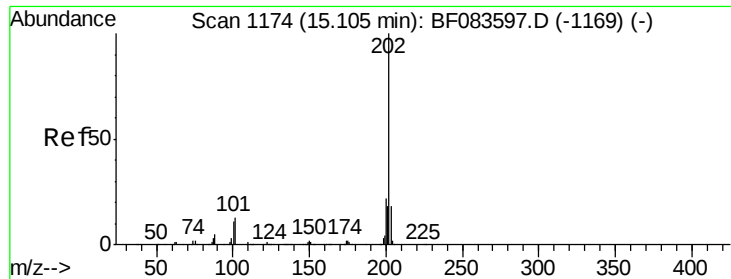
Tgt Ion:240 Resp: 380313
Ion Ratio Lower Upper
240 100
120 11.0 8.1 12.1
236 25.6 20.8 31.2



#76
Benzidine
Concen: 29.23 ng
RT: 14.95 min Scan# 1160
Delta R.T. -0.08 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

Tgt Ion:184 Resp: 345789
Ion Ratio Lower Upper
184 100
185 13.5 13.0 19.6
183 11.9 9.0 13.4



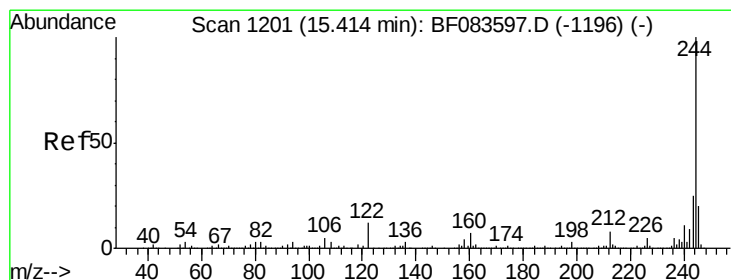
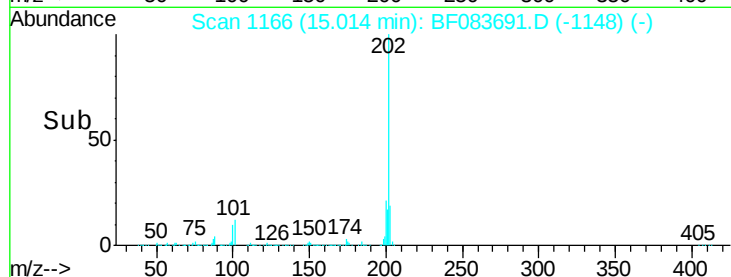
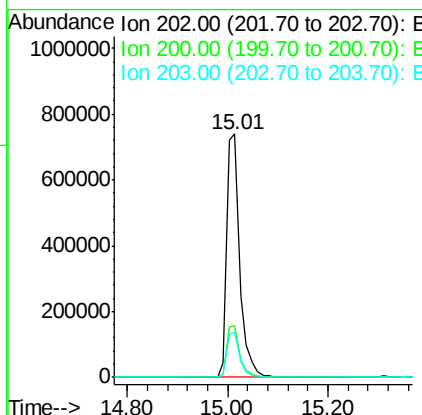
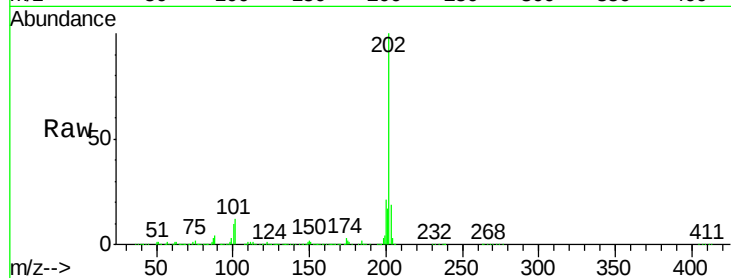


#77
 Pyrene
 Concen: 48.34 ng
 RT: 15.01 min Scan# 1166
 Delta R.T. -0.09 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MSD

Tgt Ion: 202 Resp: 1323687

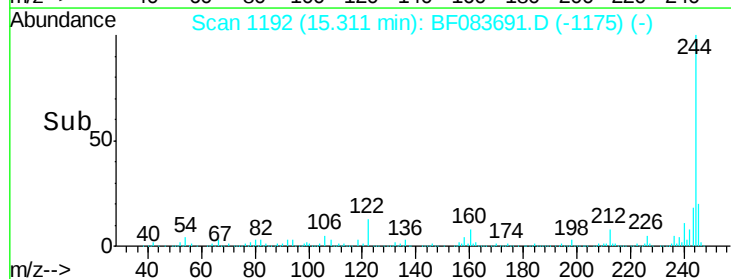
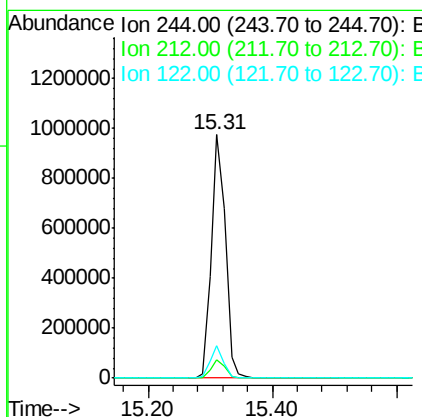
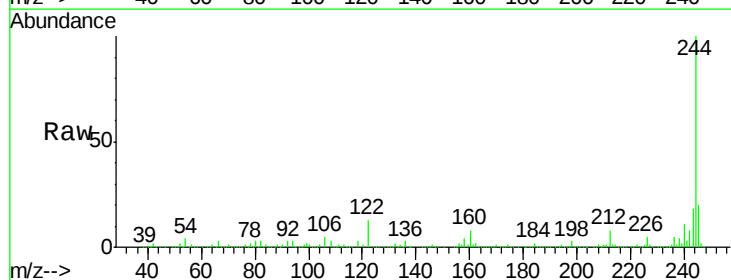
Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	18.7	14.3	21.5

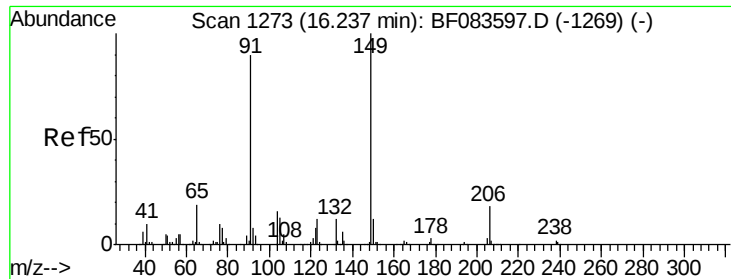


#78
 Terphenyl-d14
 Concen: 93.71 ng
 RT: 15.31 min Scan# 1192
 Delta R.T. -0.10 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Tgt Ion: 244 Resp: 1514762

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	13.4	11.0	16.6

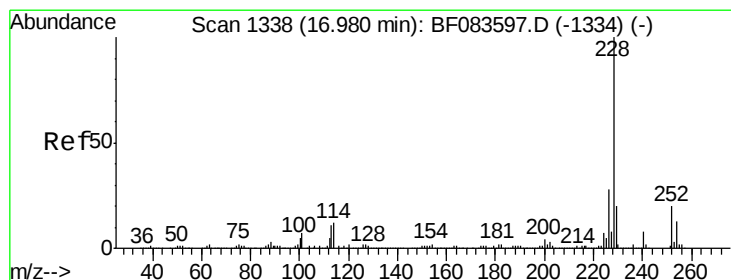
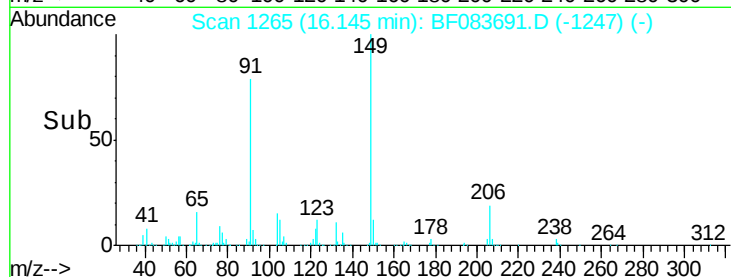
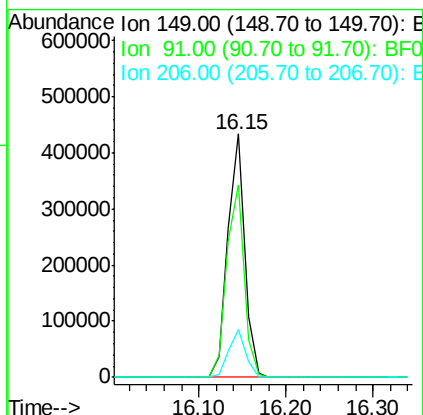
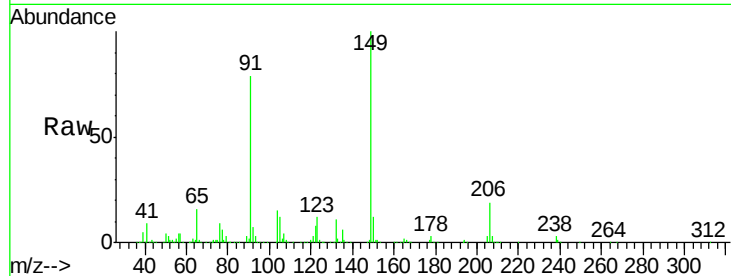




#79
Butylbenzylphthalate
Concen: 48.47 ng
RT: 16.15 min Scan# 1265
Delta R.T. -0.09 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

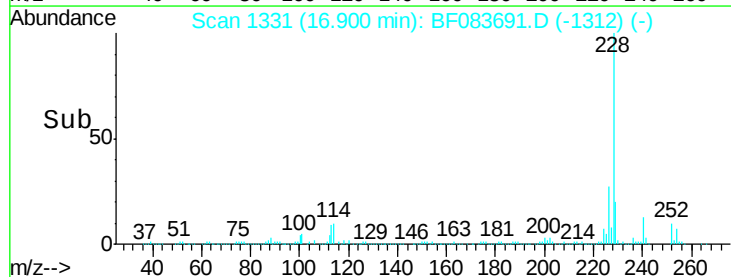
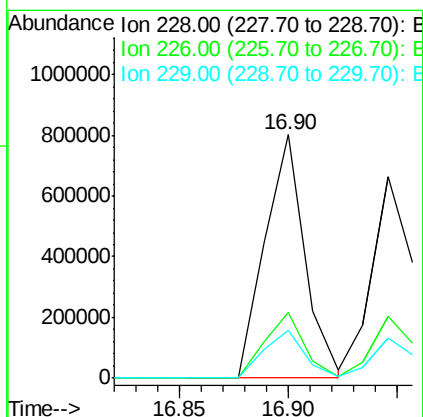
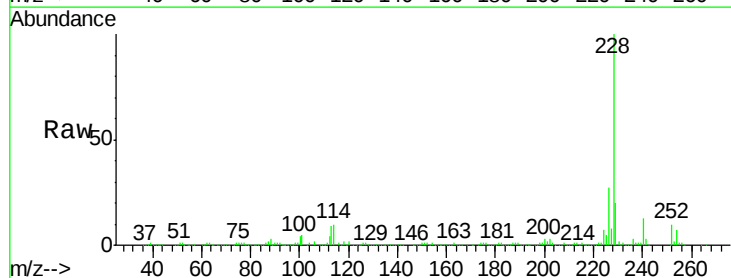
Instrument :
BNA_F
ClientSampleId :
SB-04MSD

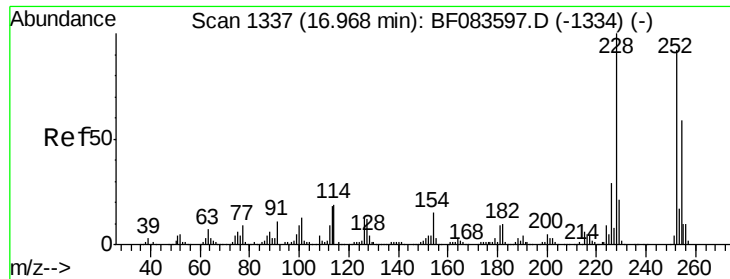
Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.3	60.0	90.0
206	19.4	16.2	24.4



#80
Benzo(a)anthracene
Concen: 46.08 ng
RT: 16.90 min Scan# 1331
Delta R.T. -0.08 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.3	33.5
229	19.8	15.7	23.5

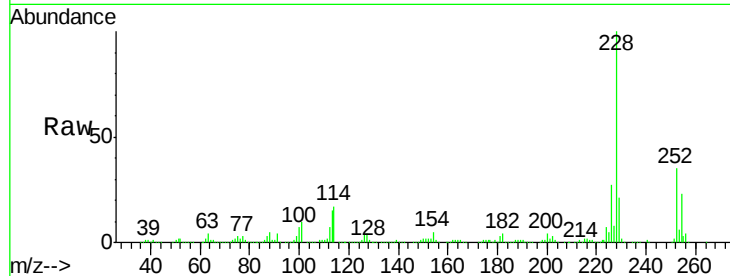




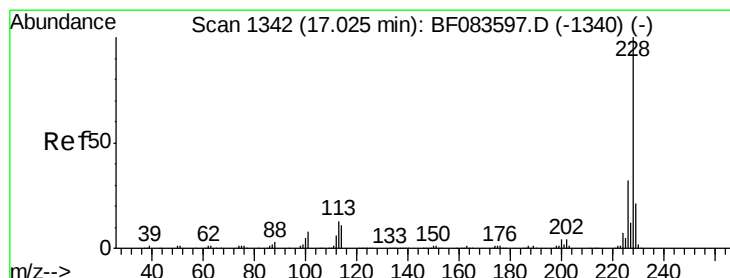
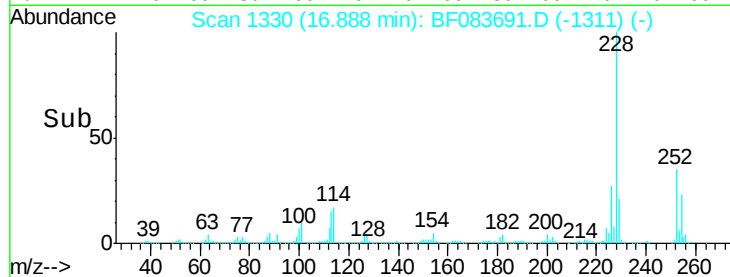
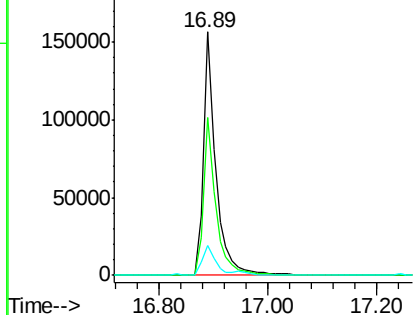
#81
 3,3'-Dichlorobenzidine
 Concen: 32.74 ng
 RT: 16.89 min Scan# 1330
 Delta R.T. -0.08 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MSD

Tgt Ion:252 Resp: 246202
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.6 76.0
 126 12.5 11.0 16.4

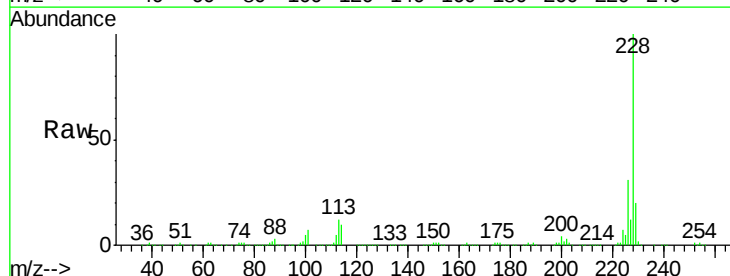


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

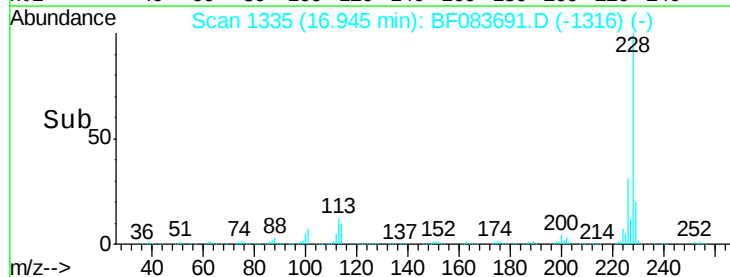
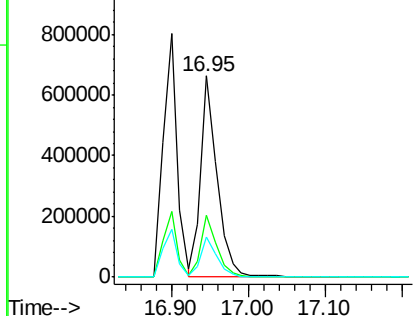


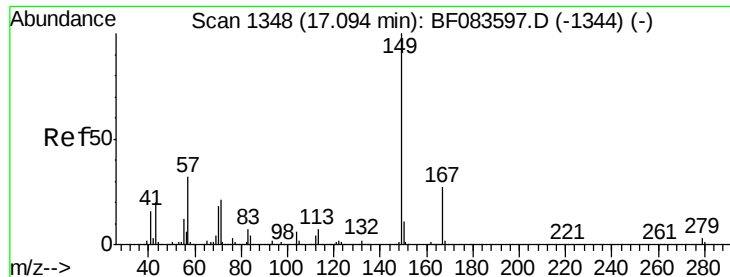
#82
 Chrysene
 Concen: 44.12 ng
 RT: 16.95 min Scan# 1335
 Delta R.T. -0.08 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Tgt Ion:228 Resp: 984473
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.7 37.1
 229 19.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.01 ng

RT: 17.00 min Scan# 1340

Delta R.T. -0.09 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

Instrument :

BNA_F

ClientSampleId :

SB-04MSD

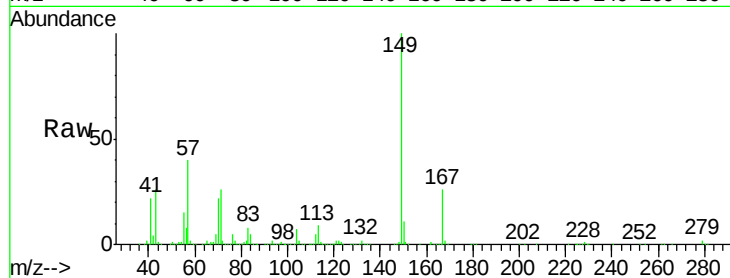
Tgt Ion:149 Resp: 826677

Ion Ratio Lower Upper

149 100

167 25.7 21.8 32.8

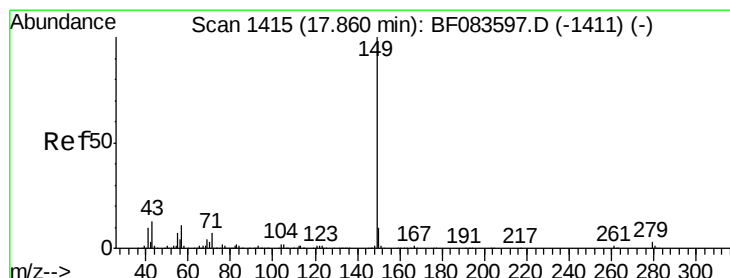
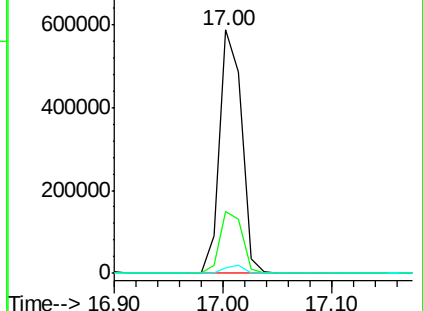
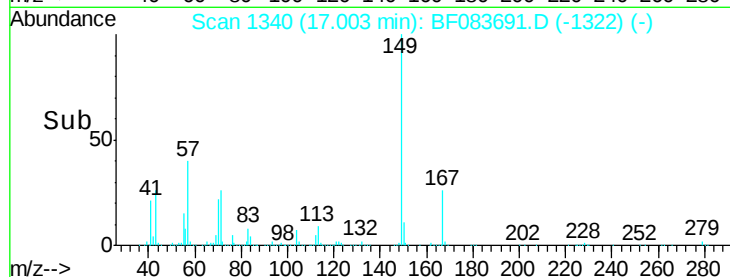
279 2.3 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.26 ng

RT: 17.78 min Scan# 1408

Delta R.T. -0.08 min

Lab File: BF083691.D

Acq: 10 Dec 2015 23:01

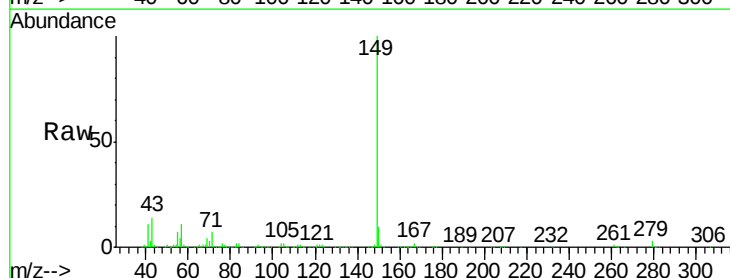
Tgt Ion:149 Resp: 1269752

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

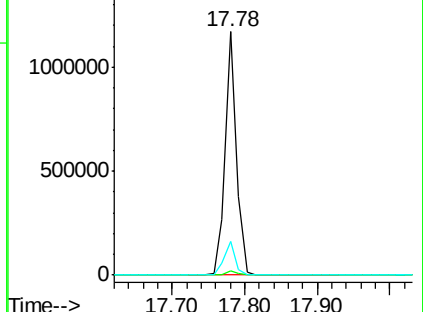
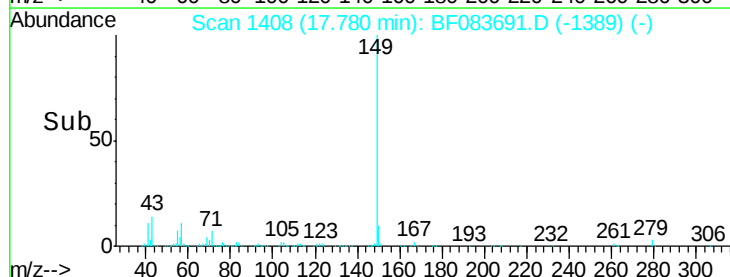
43 13.4 0.0 0.0#

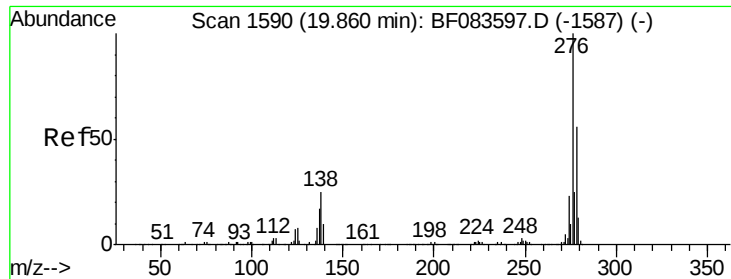


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

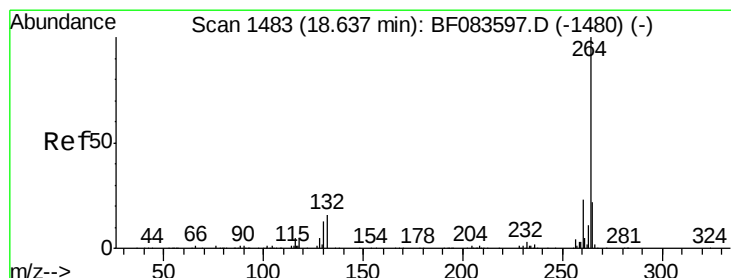
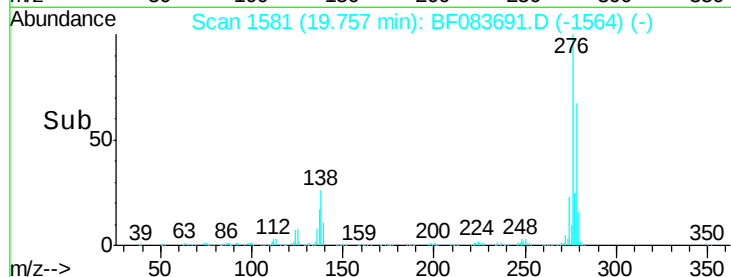
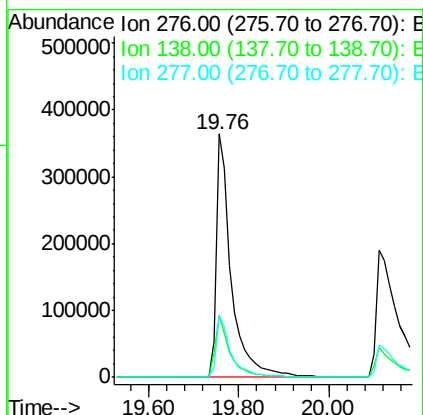
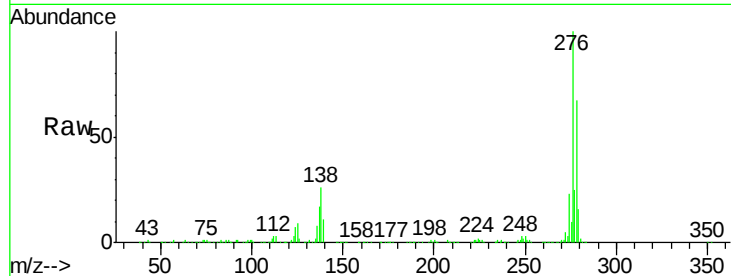




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.61 ng
 RT: 19.76 min Scan# 1581
 Delta R.T. -0.10 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

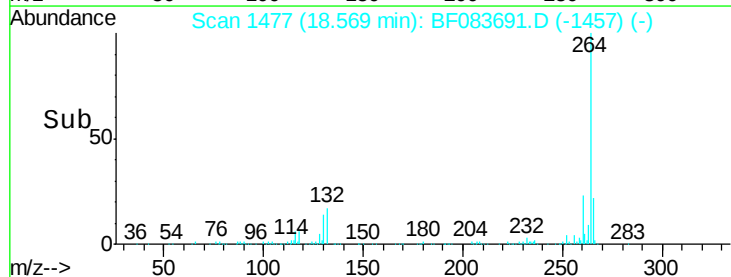
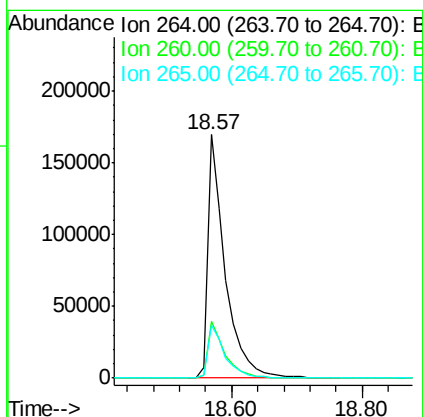
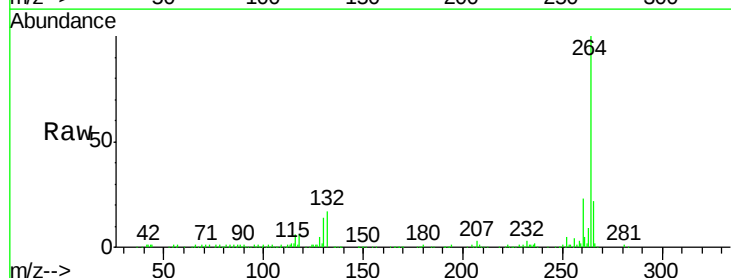
Instrument :
 BNA_F
 ClientSampleId :
 SB-04MSD

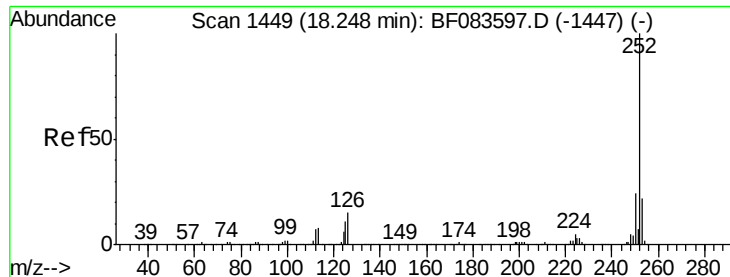
Tgt Ion: 276 Resp: 837602
 Ion Ratio Lower Upper
 276 100
 138 25.9 0.0 0.0#
 277 24.9 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.57 min Scan# 1477
 Delta R.T. -0.07 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Tgt Ion: 264 Resp: 312612
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.0
 265 21.7 17.8 26.6

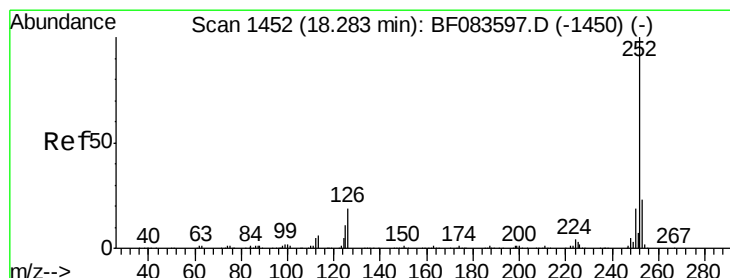
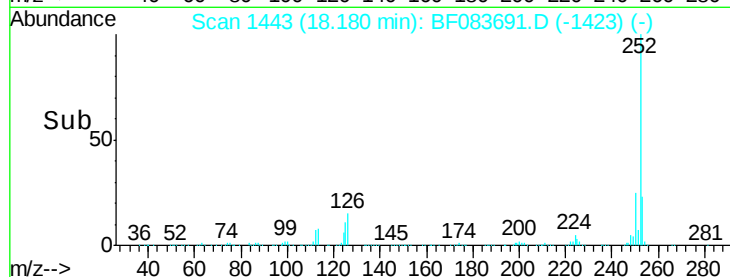
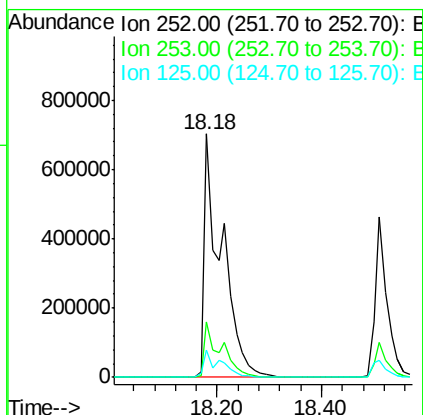
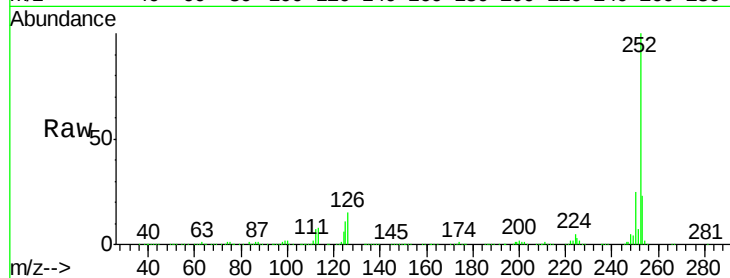




#87
Benzo(b)fluoranthene
Concen: 92.08 ng
RT: 18.18 min Scan# 1443
Delta R.T. -0.07 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

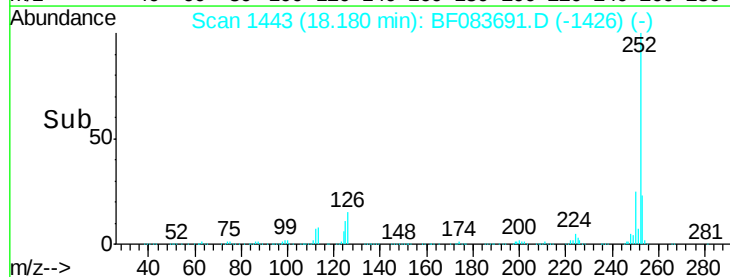
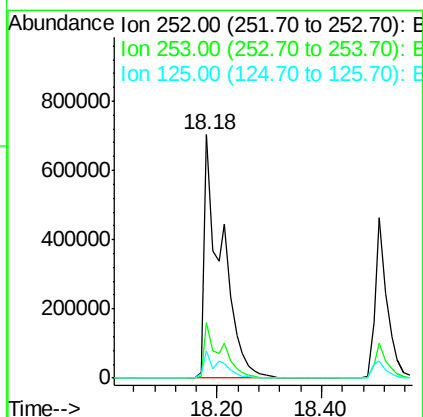
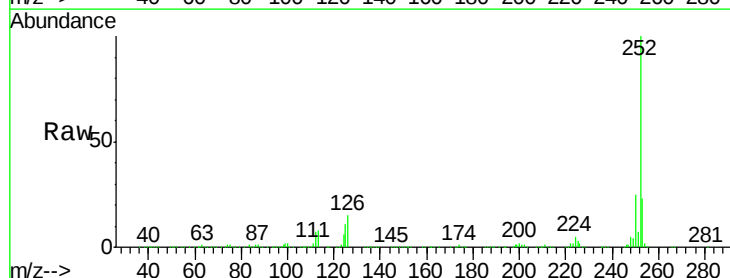
Instrument :
BNA_F
ClientSampleId :
SB-04MSD

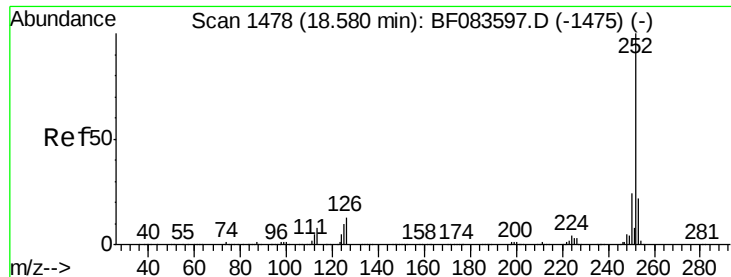
Tgt Ion:252 Resp: 1639198
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 11.1 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 83.57 ng
RT: 18.18 min Scan# 1443
Delta R.T. -0.10 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

Tgt Ion:252 Resp: 1639198
Ion Ratio Lower Upper
252 100
253 22.7 18.6 27.8
125 11.1 11.5 17.3#

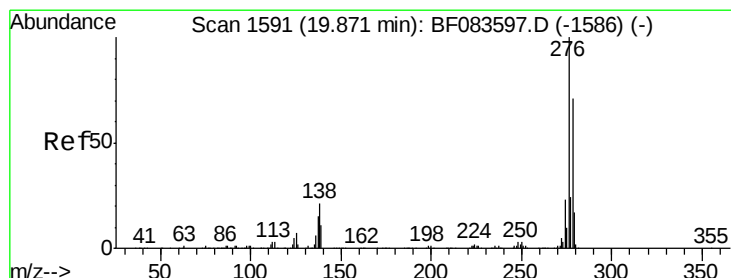
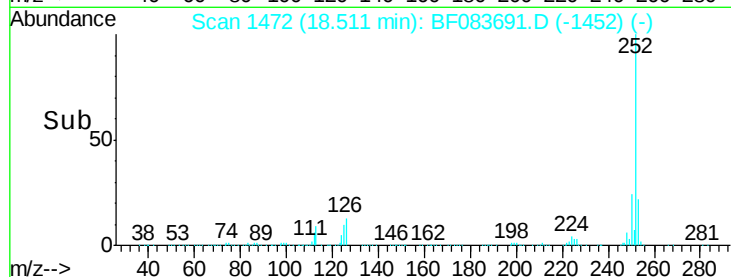
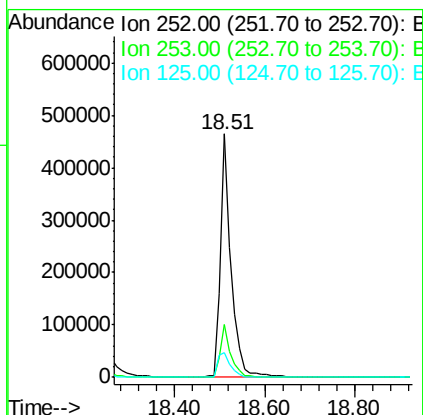
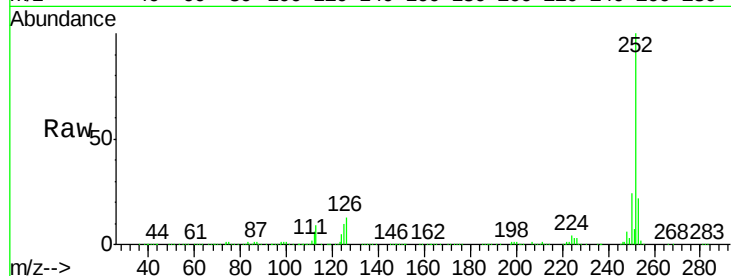




#89
Benzo(a)pyrene
Concen: 43.42 ng
RT: 18.51 min Scan# 1472
Delta R.T. -0.07 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

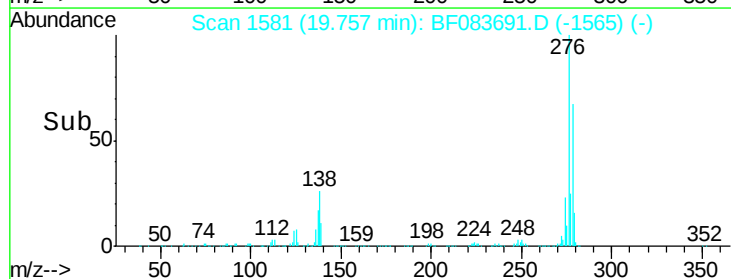
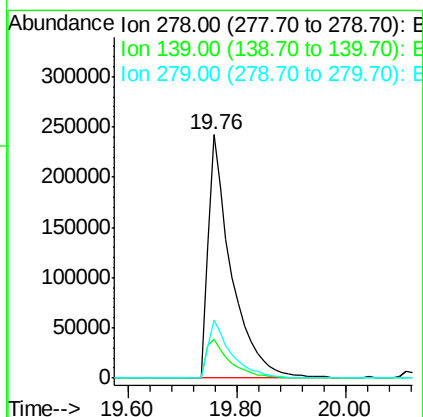
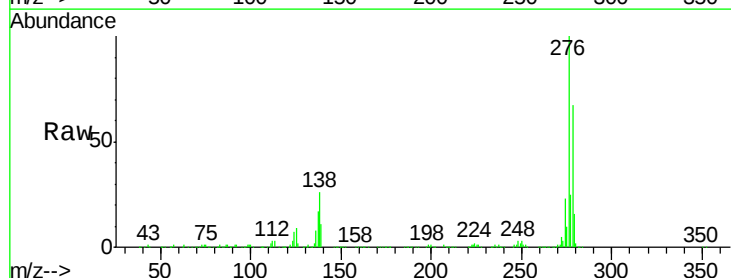
Instrument :
BNA_F
ClientSampleId :
SB-04MSD

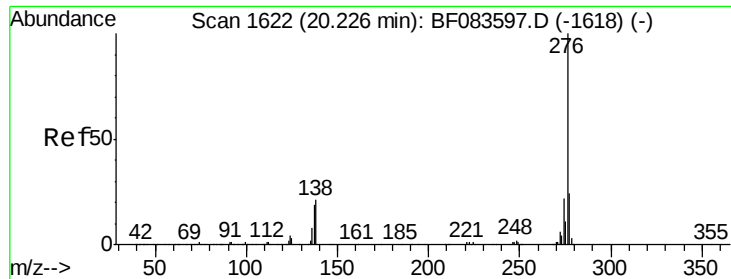
Tgt Ion: 252 Resp: 754187
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.4 11.0 16.6#



#90
Dibenzo(a,h)anthracene
Concen: 53.90 ng
RT: 19.76 min Scan# 1581
Delta R.T. -0.11 min
Lab File: BF083691.D
Acq: 10 Dec 2015 23:01

Tgt Ion: 278 Resp: 715906
Ion Ratio Lower Upper
278 100
139 16.0 12.8 19.2
279 23.9 18.6 28.0





#91
 Benzo(g,h,i)perylene
 Concen: 52.99 ng
 RT: 20.11 min Scan# 1612
 Delta R.T. -0.11 min
 Lab File: BF083691.D
 Acq: 10 Dec 2015 23:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.2	28.8
138	23.7	19.5	29.3

