

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083953.D
 Acq On : 19 Dec 2015 14:39
 Operator : UM/SJ
 Sample : PB87185BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Quant Time: Dec 21 00:43:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	57932	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	223815	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	111649	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	206234	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	169462	20.00	ng	-0.02
86) Perylene-d12	15.44	264	120408	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	389813	105.30	ng	-0.01
7) Phenol-d6	6.50	99	476706	105.21	ng	-0.01
23) Nitrobenzene-d5	7.41	82	305306	77.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	154419	125.54	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	662882	83.07	ng	-0.03
78) Terphenyl-d14	12.96	244	677184	94.10	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	45141	28.11	ng	97
3) Pyridine	3.24	79	135162	34.04	ng	100
4) n-Nitrosodimethylamine	3.20	42	58613	38.70	ng	99
6) Aniline	6.51	93	125759	21.55	ng	# 19
8) 2-Chlorophenol	6.64	128	161733	36.71	ng	94
9) Benzaldehyde	6.40	77	47009	17.22	ng	96
10) Phenol	6.51	94	167579	33.15	ng	80
11) bis(2-Chloroethyl)ether	6.59	93	145965	38.00	ng	99
12) 1,3-Dichlorobenzene	6.80	146	167382	35.33	ng	96
13) 1,4-Dichlorobenzene	6.86	146	172646	35.69	ng	96
14) 1,2-Dichlorobenzene	7.02	146	170018	43.50	ng	96
15) Benzyl Alcohol	7.00	79	143937	41.98	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	143204	36.16	ng	72
17) 2-Methylphenol	7.12	107	129573	37.49	ng	93
18) Hexachloroethane	7.37	117	64853	36.54	ng	# 88
19) n-Nitroso-di-n-propylamine	7.26	70	101042	38.25	ng	# 86
20) 3+4-Methylphenols	7.28	107	170672	42.03	ng	# 49
22) Acetophenone	7.26	105	223479	41.47	ng	# 95
24) Nitrobenzene	7.44	77	170965	42.16	ng	95
25) Isophorone	7.68	82	291555	39.51	ng	98
26) 2-Nitrophenol	7.76	139	89956	42.85	ng	97
27) 2,4-Dimethylphenol	7.80	122	160998	44.52	ng	93
28) bis(2-Chloroethoxy)methane	7.88	93	168553	38.62	ng	99
29) 2,4-Dichlorophenol	8.00	162	132710	40.45	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	135782	38.54	ng	97
31) Naphthalene	8.16	128	464996	41.05	ng	100
32) Benzoic acid	7.93	122	70634	51.52	ng	98
33) 4-Chloroaniline	8.20	127	81954	16.13	ng	97
34) Hexachlorobutadiene	8.28	225	84353	38.34	ng	99
35) Caprolactam	8.58	113	31080	28.67	ng	88
36) 4-Chloro-3-methylphenol	8.70	107	169116	45.70	ng	99
37) 2-Methylnaphthalene	8.85	142	334780	43.04	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	129737	36.85	ng	99
40) Hexachlorocyclopentadiene	9.00	237	77292	67.32	ng	97

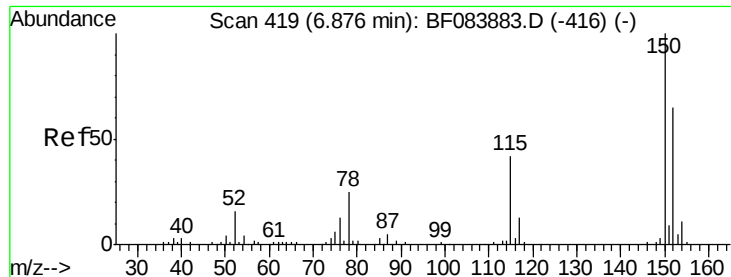
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	87345	37.58	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	93579	40.68	ng #	81
45) 1,1'-Biphenyl	9.31	154	383470	40.77	ng	99
46) 2-Chloronaphthalene	9.33	162	282666	38.27	ng	99
47) 2-Nitroaniline	9.44	65	92323	41.81	ng #	65
48) Acenaphthylene	9.76	152	507312	38.98	ng	99
49) Dimethylphthalate	9.62	163	393661	42.02	ng #	91
50) 2,6-Dinitrotoluene	9.68	165	83412	40.82	ng #	78
51) Acenaphthene	9.93	154	335121	41.87	ng	100
52) 3-Nitroaniline	9.85	138	48579	22.55	ng #	69
53) 2,4-Dinitrophenol	9.96	184	58791	80.11	ng #	85
54) Dibenzofuran	10.10	168	450751	43.37	ng	99
55) 4-Nitrophenol	10.02	139	99314	73.85	ng #	77
56) 2,4-Dinitrotoluene	10.09	165	111245	42.47	ng #	77
57) Fluorene	10.44	166	343064	43.28	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	73668	43.29	ng	96
59) Diethylphthalate	10.32	149	397626	41.05	ng	98
60) 4-Chlorophenyl-phenylether	10.43	204	160964	40.41	ng	96
61) 4-Nitroaniline	10.46	138	79101	35.49	ng	85
62) Azobenzene	10.59	77	361473	44.52	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	48393	38.99	ng #	60
65) n-Nitrosodiphenylamine	10.54	169	288909	38.50	ng	100
66) 4-Bromophenyl-phenylether	10.92	248	94522	37.49	ng	97
67) Hexachlorobenzene	10.99	284	109881	41.39	ng	95
68) Atrazine	11.08	200	99037	41.66	ng	92
69) Pentachlorophenol	11.18	266	92461	81.95	ng	97
70) Phenanthrene	11.40	178	505910	40.60	ng	100
71) Anthracene	11.45	178	471016	39.11	ng	100
72) Carbazole	11.61	167	473055	39.75	ng	98
73) Di-n-butylphthalate	11.94	149	620707	44.39	ng	100
74) Fluoranthene	12.58	202	471219	37.90	ng	99
76) Benzidine	12.69	184	147742	21.77	ng	99
77) Pyrene	12.81	202	480510	44.55	ng	99
79) Butylbenzylphthalate	13.43	149	248876	44.12	ng	97
80) Benzo(a)anthracene	14.00	228	405528	38.92	ng	100
81) 3,3'-Dichlorobenzidine	13.95	252	88217	22.65	ng #	96
82) Chrysene	14.03	228	351509	34.92	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	337660	44.83	ng	100
84) Di-n-octyl phthalate	14.59	149	564482	47.89	ng	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	325222	43.21	ng	100
87) Benzo(b)fluoranthene	15.06	252	676812	77.10	ng	99
88) Benzo(k)fluoranthene	15.06	252	676812	93.46	ng #	95
89) Benzo(a)pyrene	15.38	252	306880	42.33	ng #	97
90) Dibenzo(a,h)anthracene	16.87	278	273814	48.55	ng #	95
91) Benzo(g,h,i)perylene	17.28	276	271873	49.19	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

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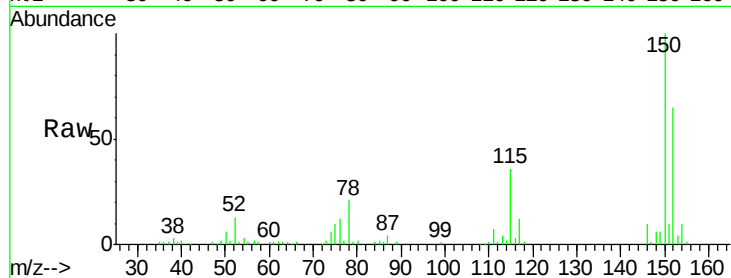
Tgt Ion:152 Resp: 57932

Ion Ratio Lower Upper

152 100

150 153.1 123.0 184.4

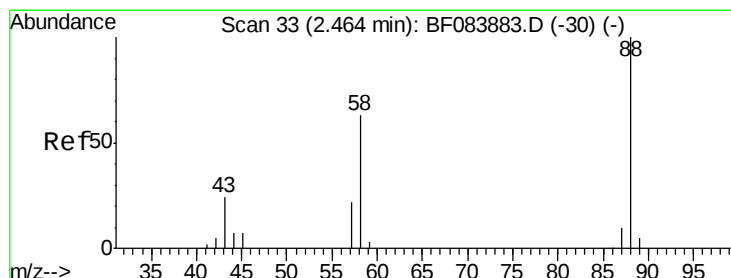
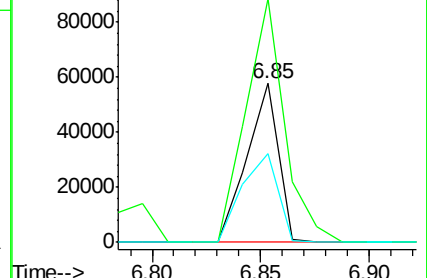
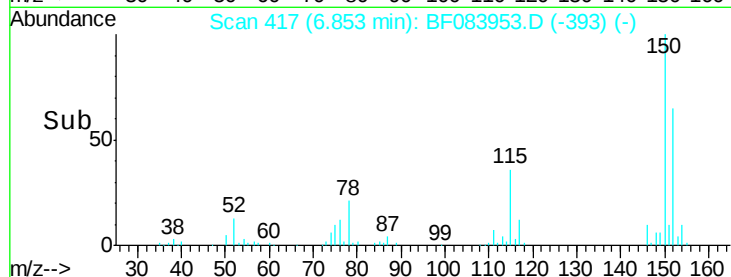
115 55.4 51.4 77.2



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: 28.11 ng

RT: 2.52 min Scan# 38

Delta R.T. 0.06 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

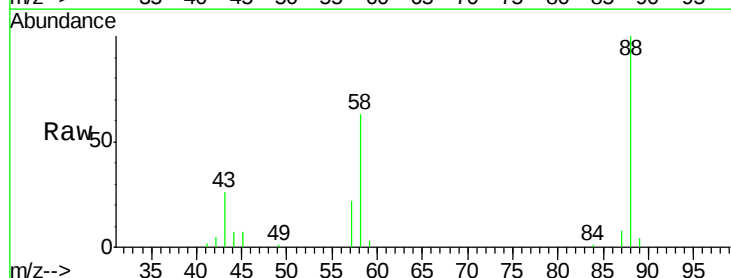
Tgt Ion: 88 Resp: 45141

Ion Ratio Lower Upper

88 100

58 64.7 51.2 76.8

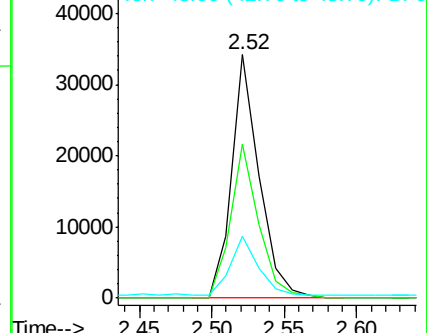
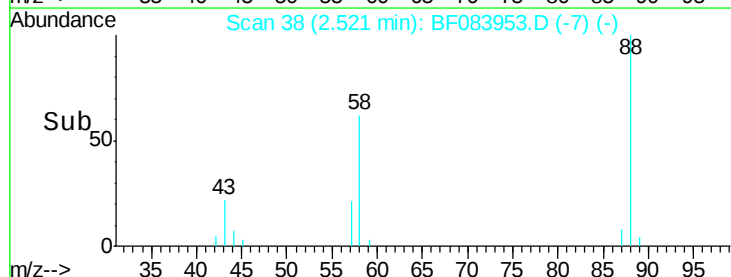
43 27.9 19.5 29.3

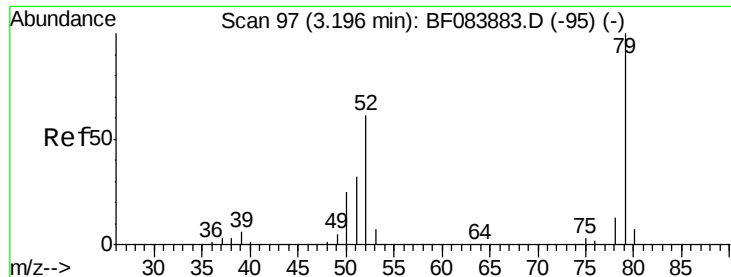


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

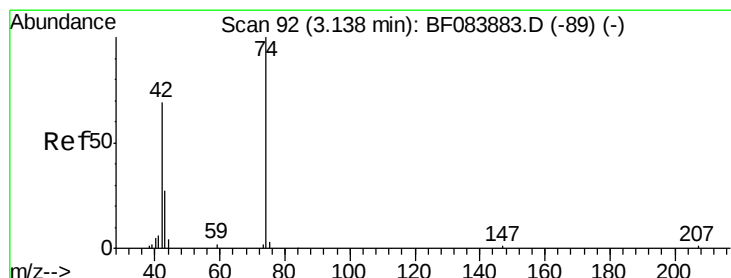
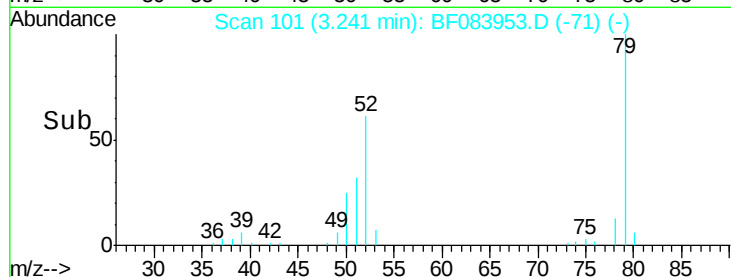
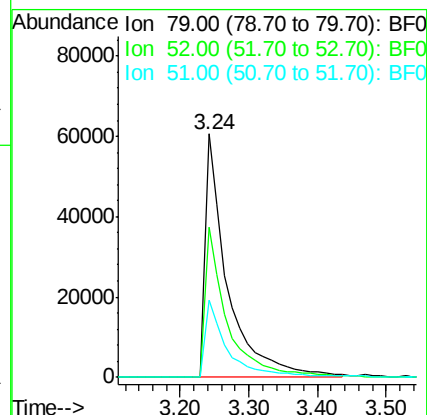
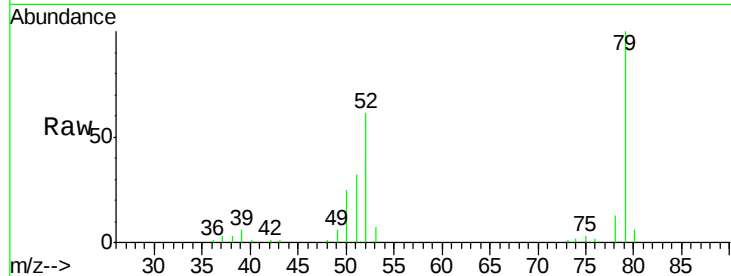




#3
 Pyridine
 Concen: 34.04 ng
 RT: 3.24 min Scan# 101
 Delta R.T. 0.05 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

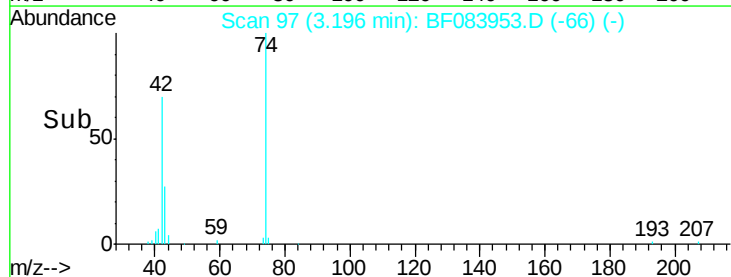
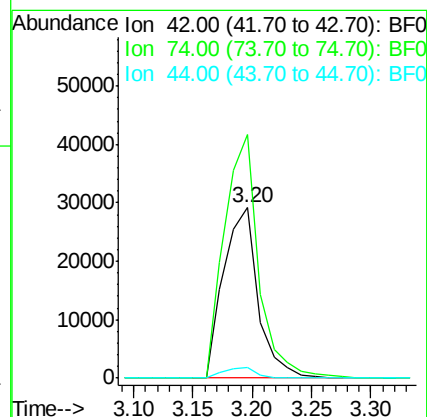
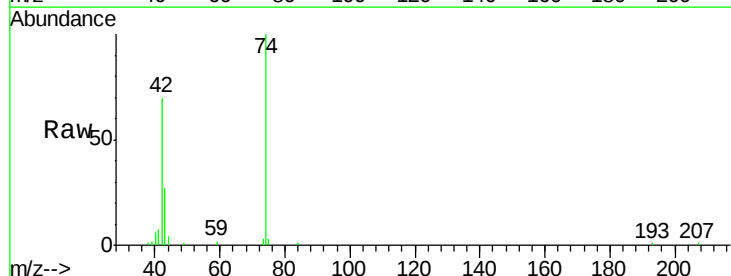
Instrument :
 BNA_F
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 PB87185BS

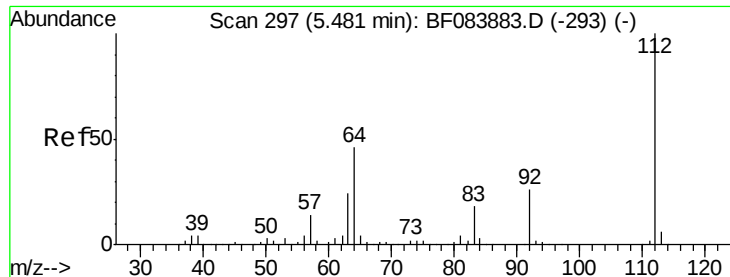
Tgt Ion: 79 Resp: 135162
 Ion Ratio Lower Upper
 79 100
 52 61.4 49.0 73.4
 51 32.0 25.2 37.8



#4
 n-Nitrosodimethylamine
 Concen: 38.70 ng
 RT: 3.20 min Scan# 97
 Delta R.T. 0.06 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion: 42 Resp: 58613
 Ion Ratio Lower Upper
 42 100
 74 142.8 115.7 173.5
 44 5.9 5.1 7.7





#5

2-Fluorophenol

Concen: 105.30 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

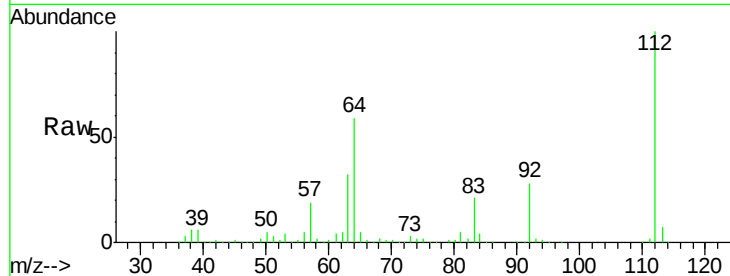
BNA_F

ClientSampleId :

PB87185BS

Tgt Ion: 112 Resp: 389813

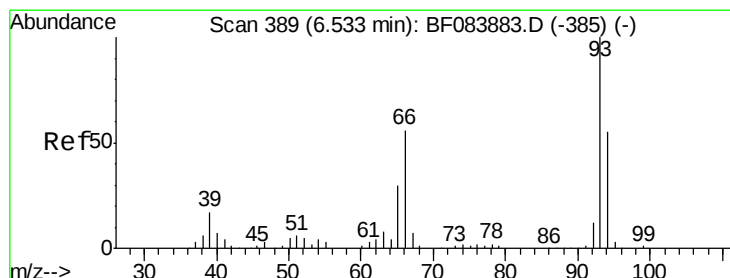
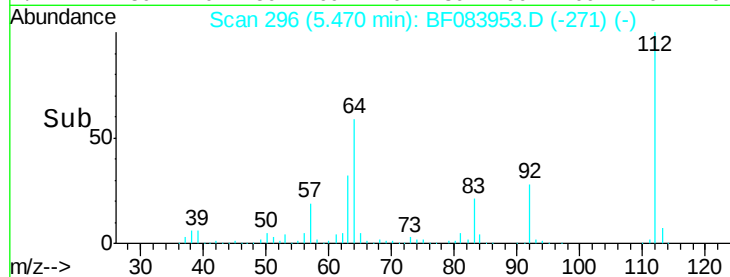
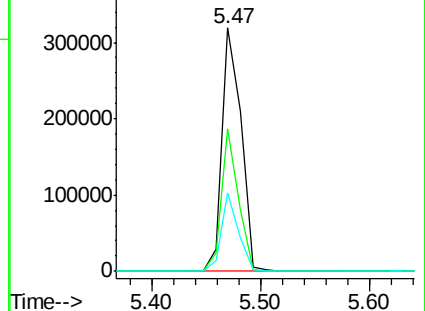
Ion	Ratio	Lower	Upper
112	100		
64	58.5	36.6	55.0#
63	32.3	19.4	29.0#



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: 21.55 ng

RT: 6.51 min Scan# 387

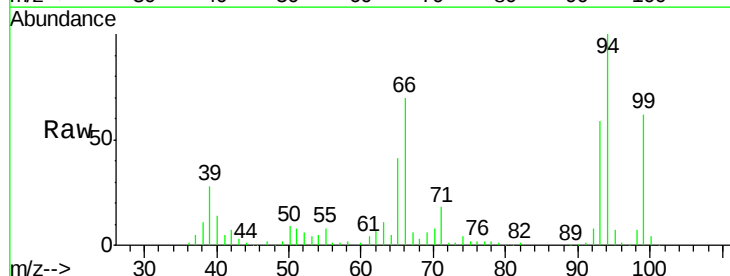
Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Tgt Ion: 93 Resp: 125759

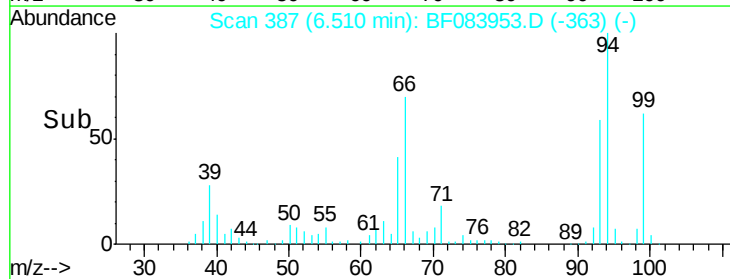
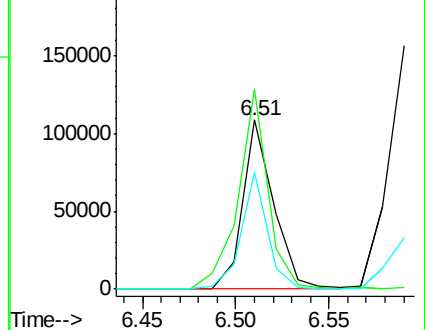
Ion	Ratio	Lower	Upper
93	100		
66	118.2	44.9	67.3#
65	69.1	23.7	35.5#

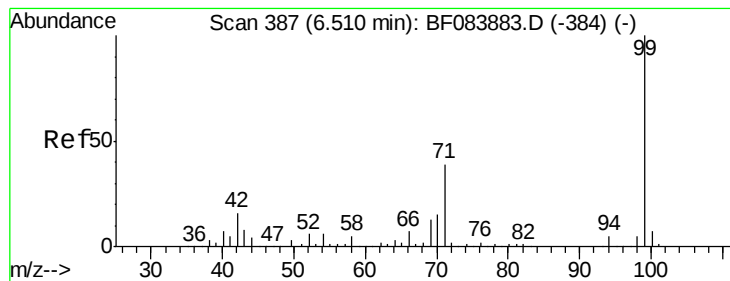


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 105.21 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

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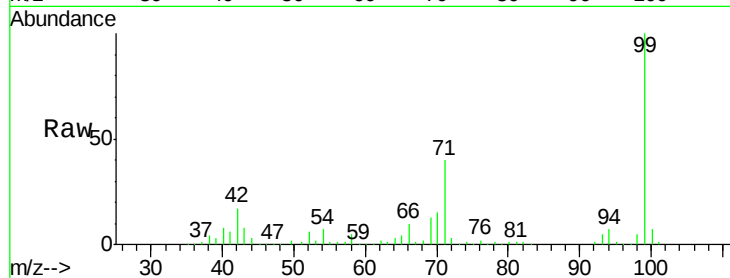
Tgt Ion: 99 Resp: 476706

Ion Ratio Lower Upper

99 100

42 16.7 12.8 19.2

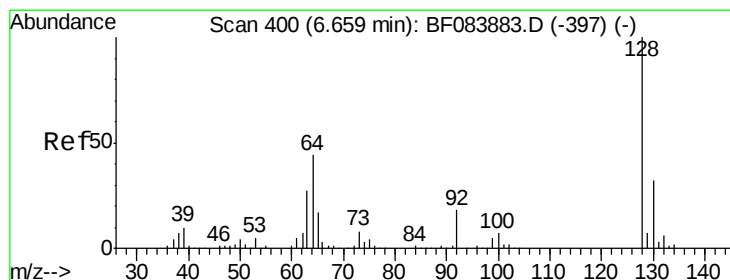
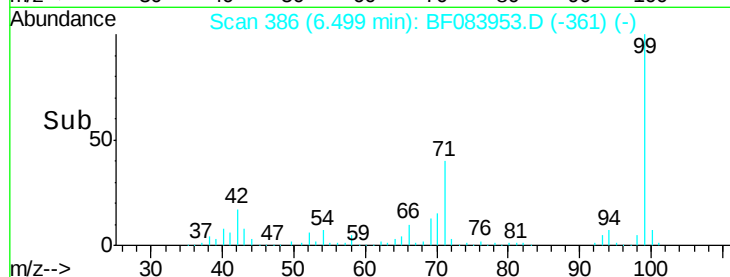
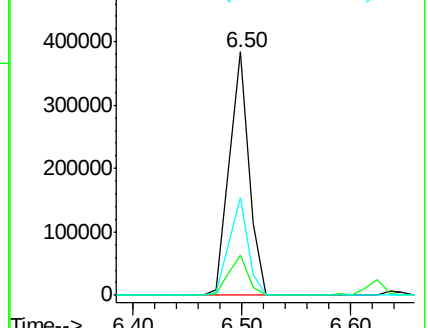
71 40.0 30.9 46.3



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: 36.71 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

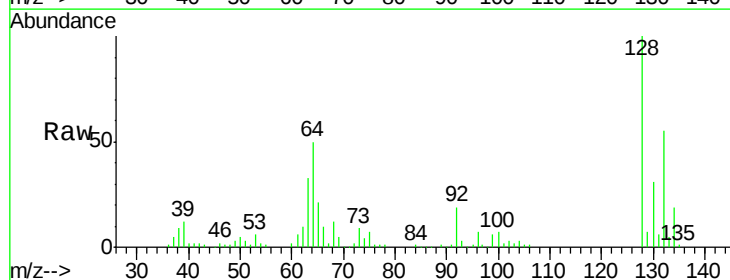
Tgt Ion: 128 Resp: 161733

Ion Ratio Lower Upper

128 100

130 30.7 11.6 51.6

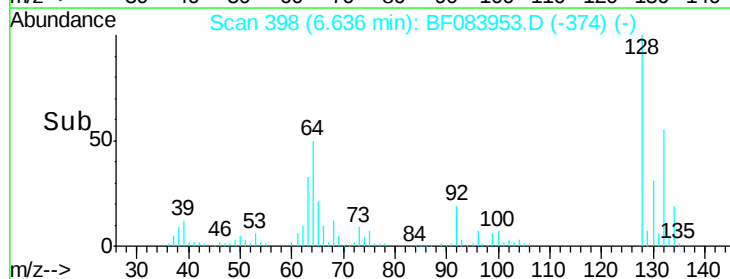
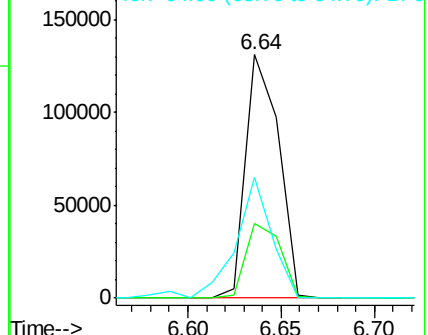
64 49.5 23.8 63.8

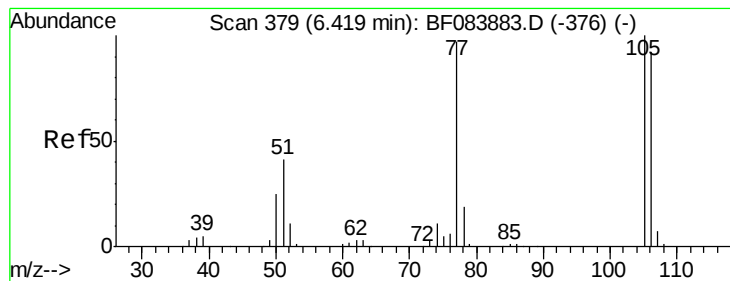


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.22 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

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BNA_F

ClientSampleId :

PB87185BS

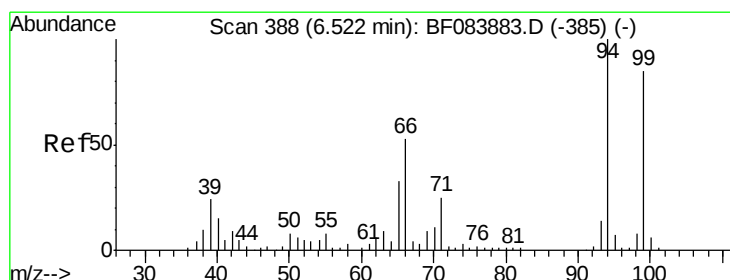
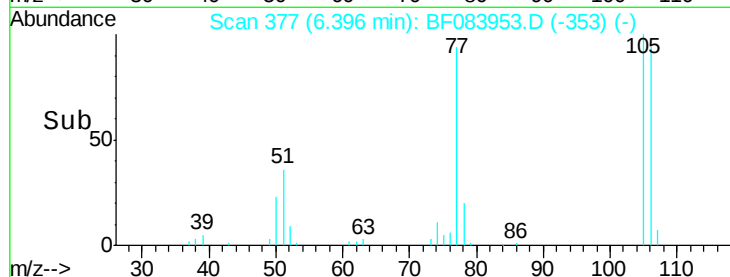
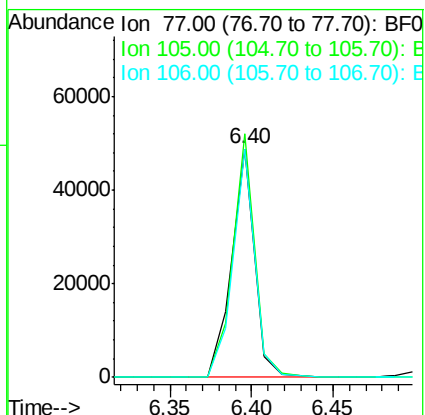
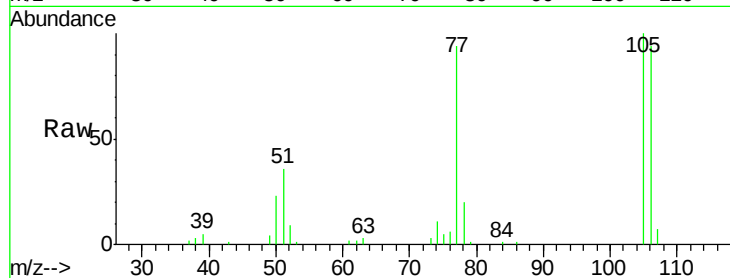
Tgt Ion: 77 Resp: 47009

Ion Ratio Lower Upper

77 100

105 106.5 83.0 123.0

106 100.0 74.6 114.6



#10

Phenol

Concen: 33.15 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

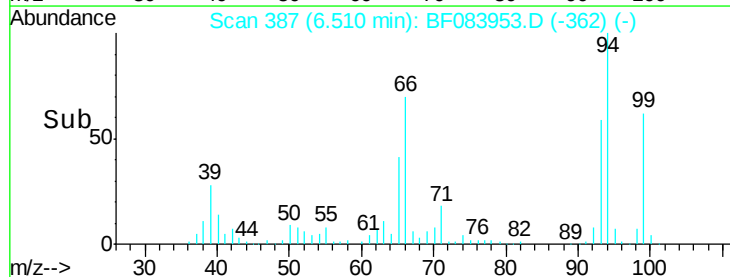
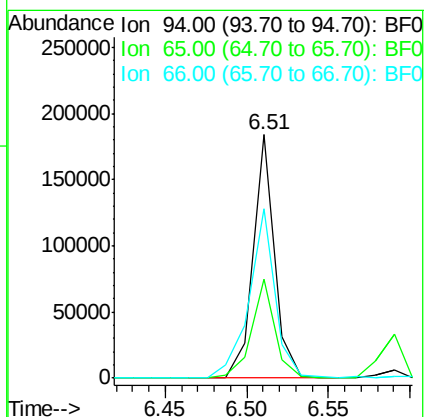
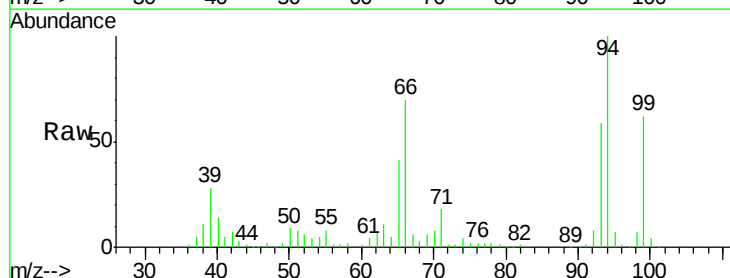
Tgt Ion: 94 Resp: 167579

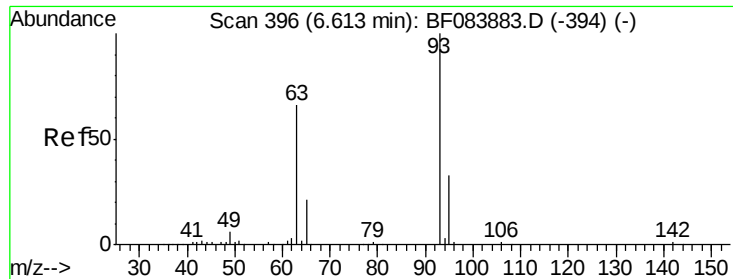
Ion Ratio Lower Upper

94 100

65 40.7 12.9 52.9

66 69.6 32.7 72.7

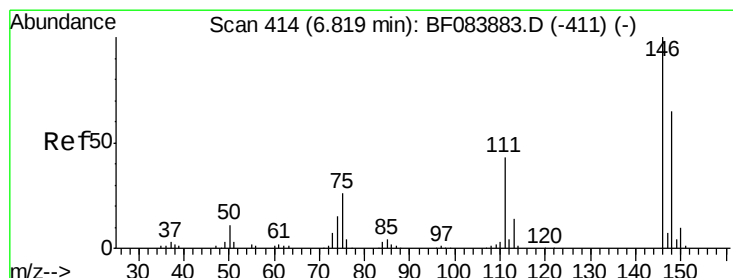
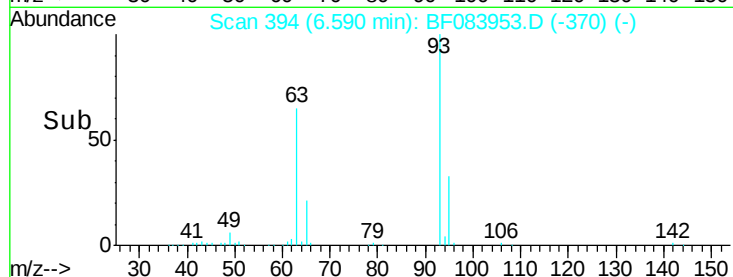
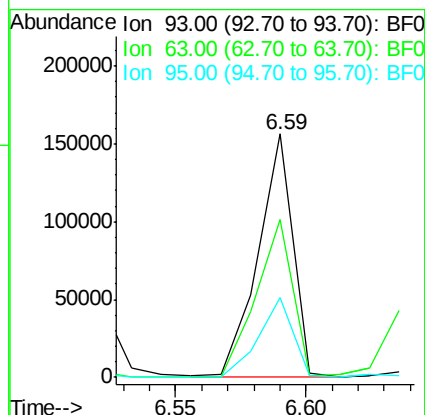
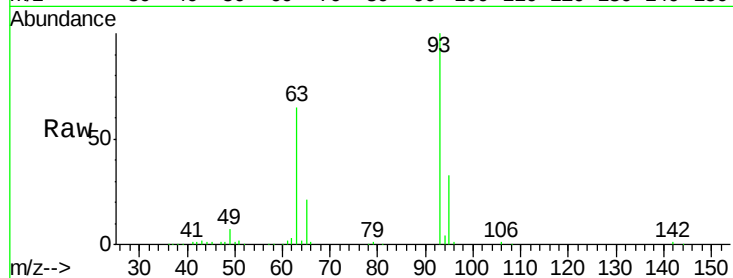




#11
bis(2-Chloroethyl)ether
Concen: 38.00 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

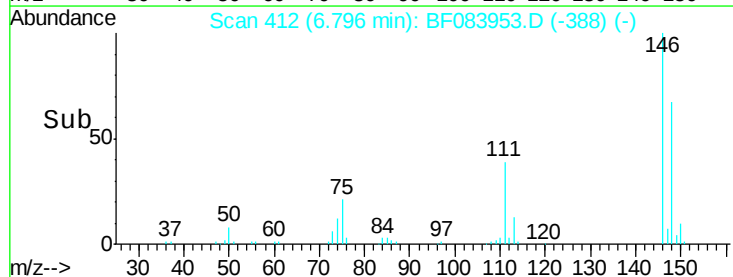
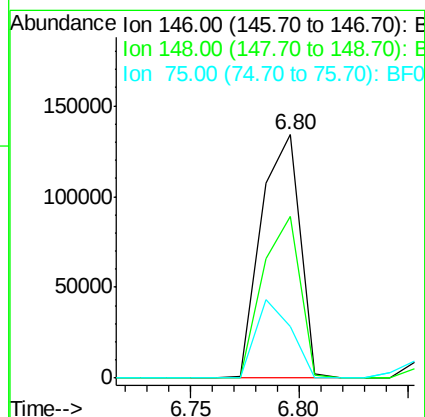
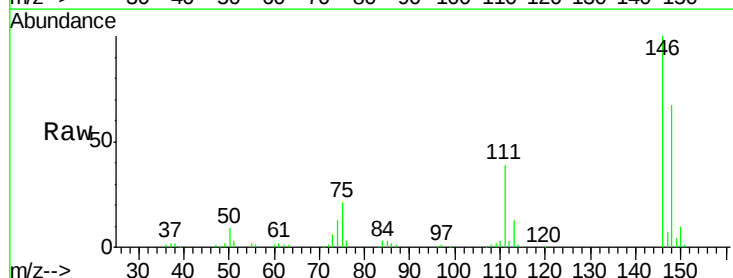
Instrument :
BNA_F
ClientSampleId :
PB87185BS

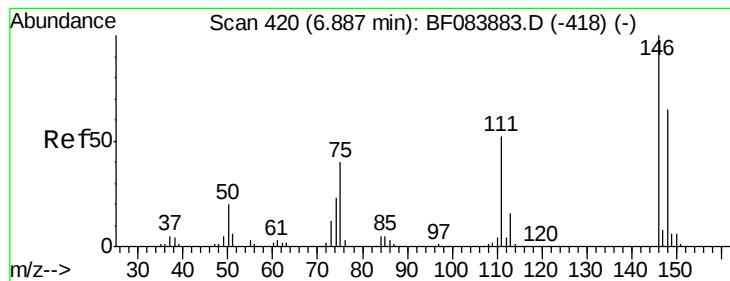
Tgt Ion: 93 Resp: 145965
Ion Ratio Lower Upper
93 100
63 64.8 45.9 85.9
95 32.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 35.33 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion: 146 Resp: 167382
Ion Ratio Lower Upper
146 100
148 66.6 51.9 77.9
75 21.2 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 35.69 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB87185BS

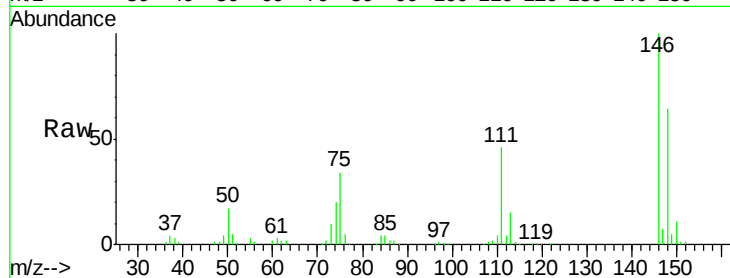
Tgt Ion:146 Resp: 172646

Ion Ratio Lower Upper

146 100

148 63.5 51.9 77.9

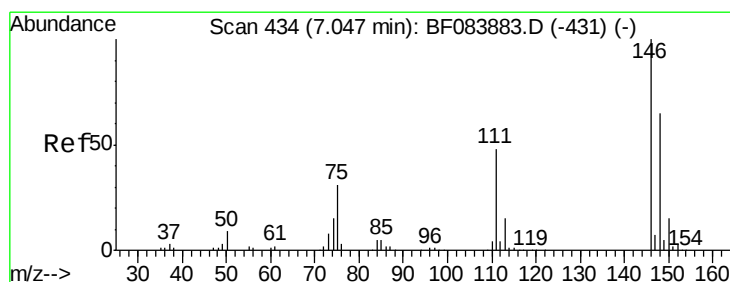
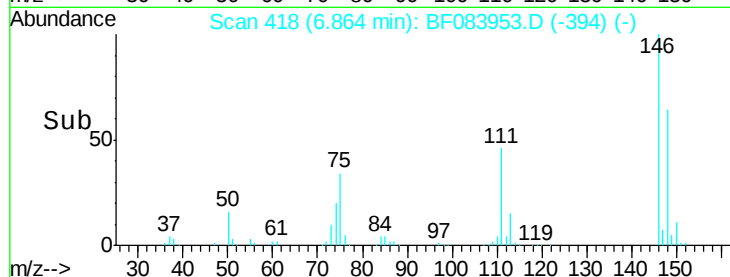
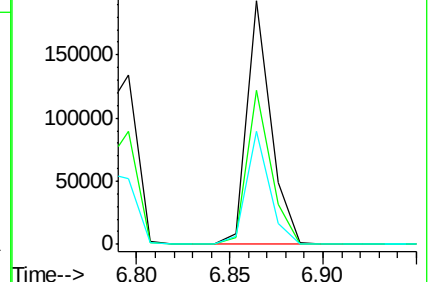
111 46.5 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.50 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

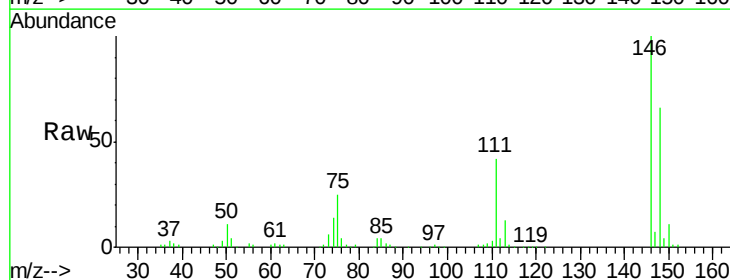
Tgt Ion:146 Resp: 170018

Ion Ratio Lower Upper

146 100

148 65.7 51.6 77.4

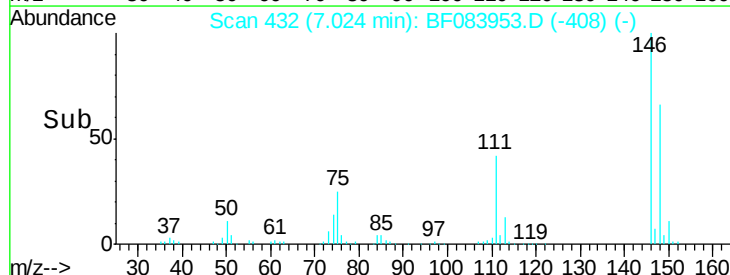
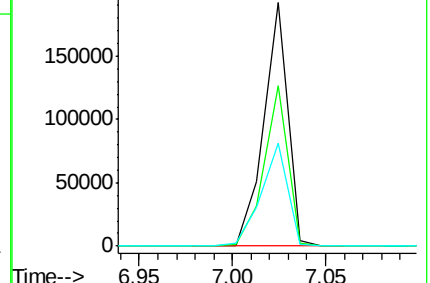
111 42.1 38.0 57.0

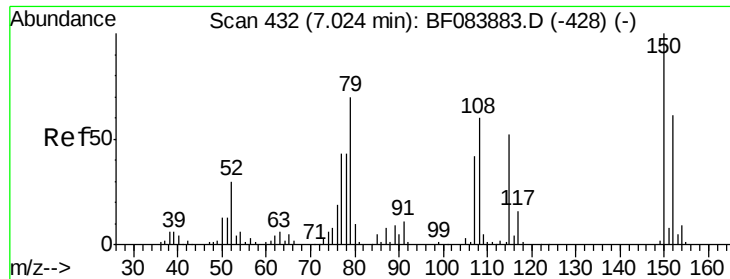


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

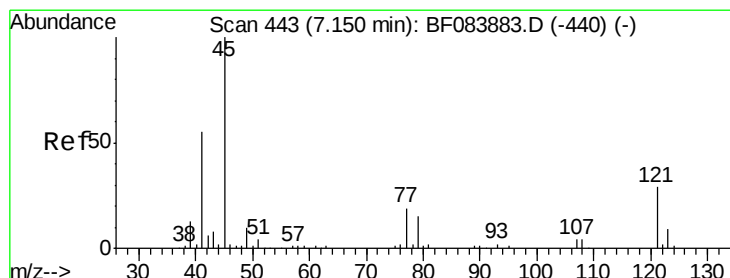
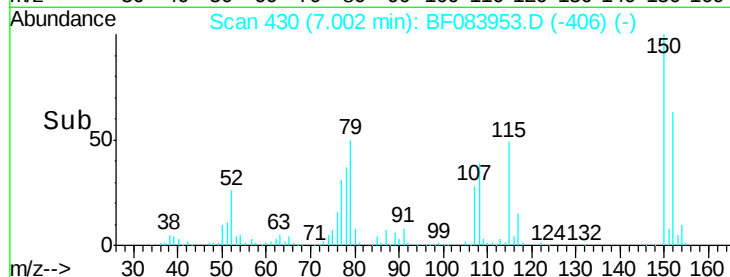
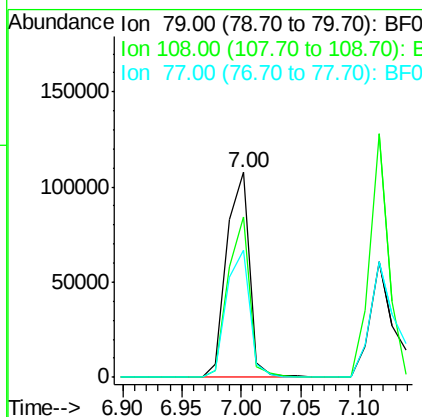
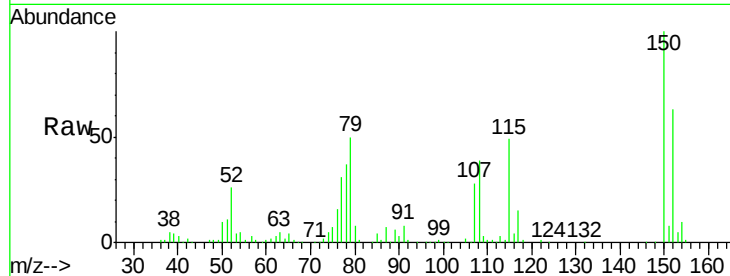




#15
Benzyl Alcohol
Concen: 41.98 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

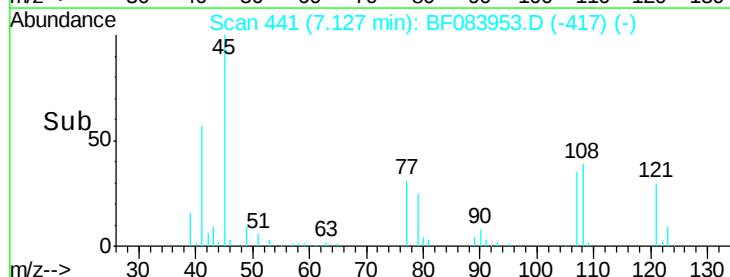
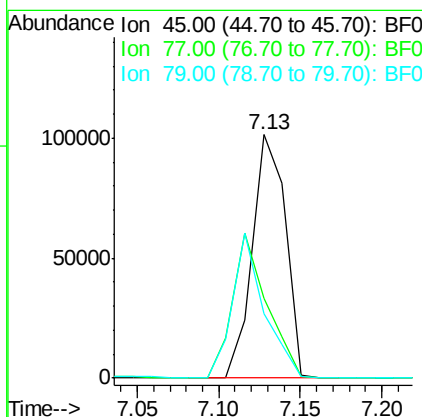
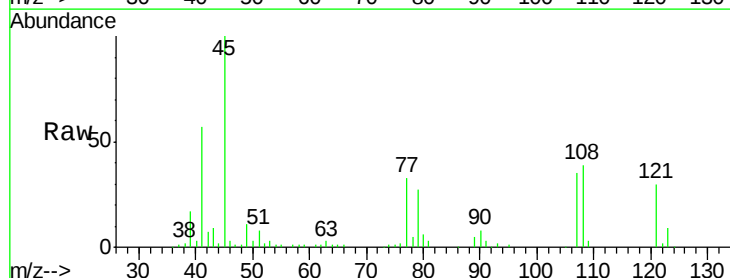
Instrument :
BNA_F
ClientSampleId :
PB87185BS

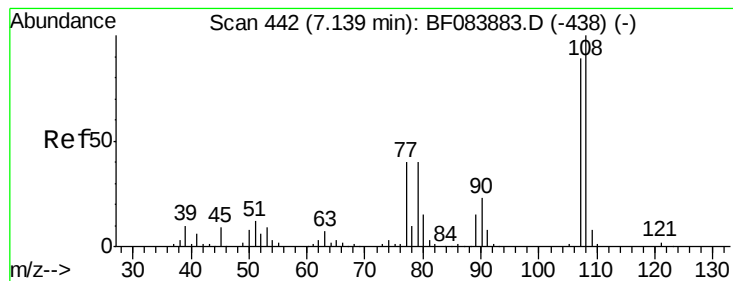
Tgt Ion: 79 Resp: 143937
Ion Ratio Lower Upper
79 100
108 78.2 69.0 103.4
77 62.0 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.16 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion: 45 Resp: 143204
Ion Ratio Lower Upper
45 100
77 32.7 0.0 39.6
79 26.6 0.0 35.0





#17

2-Methylphenol

Concen: 37.49 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB87185BS

Tgt Ion:107 Resp: 129573

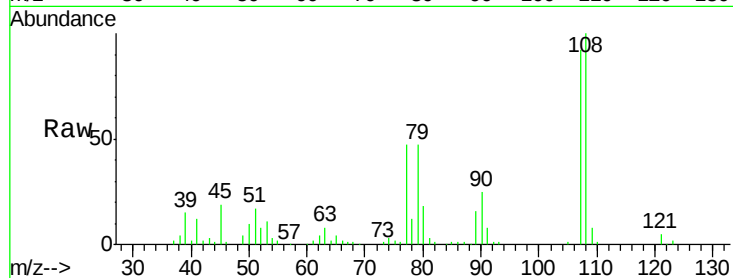
Ion Ratio Lower Upper

107 100

108 108.2 89.8 134.6

77 51.3 35.7 53.5

79 51.3 35.7 53.5

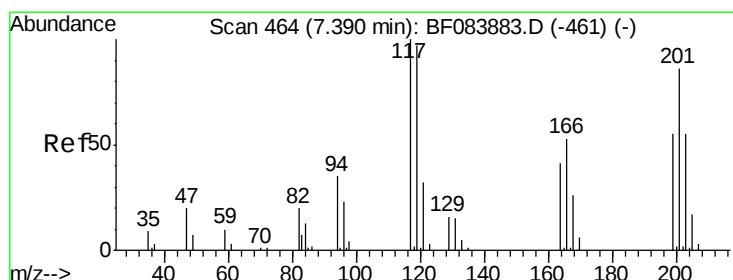
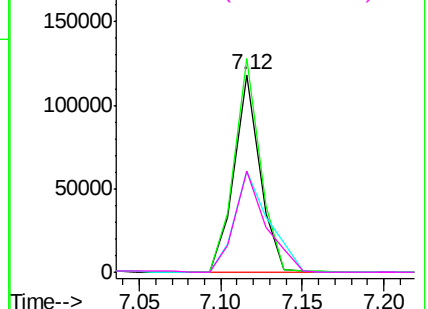
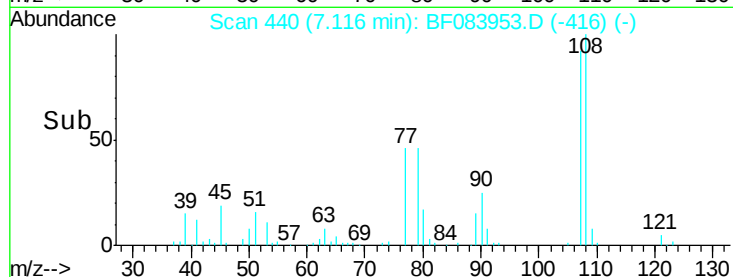


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.54 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

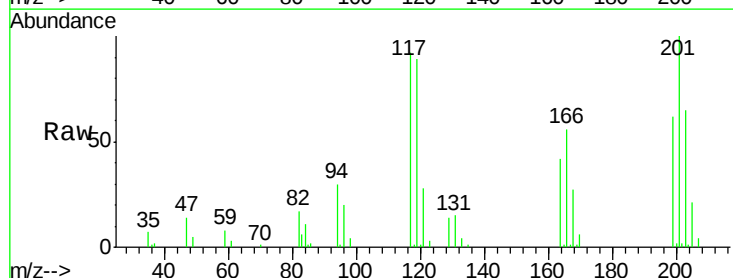
Tgt Ion:117 Resp: 64853

Ion Ratio Lower Upper

117 100

119 96.3 77.4 116.0

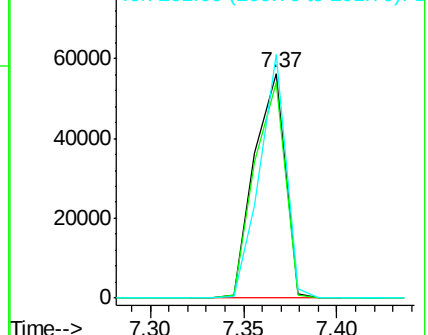
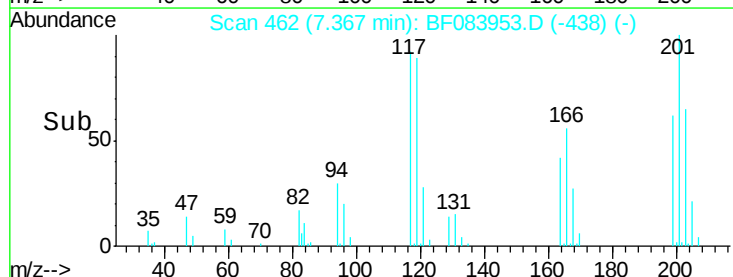
201 108.5 68.6 103.0#

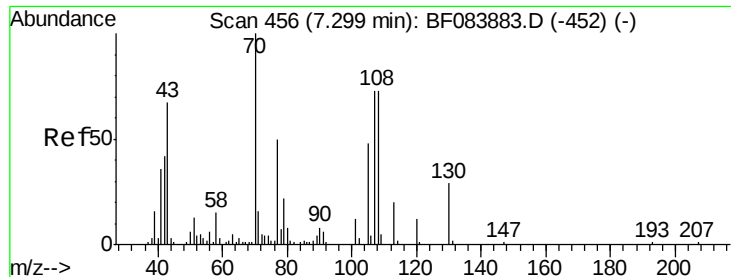


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

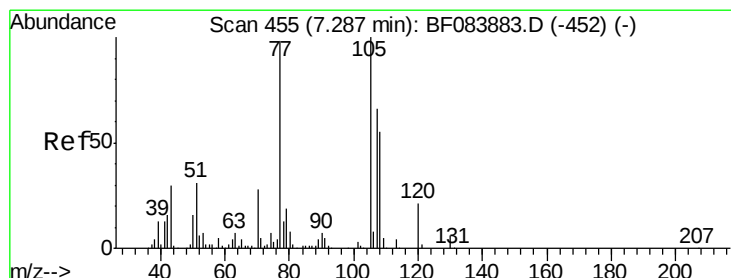
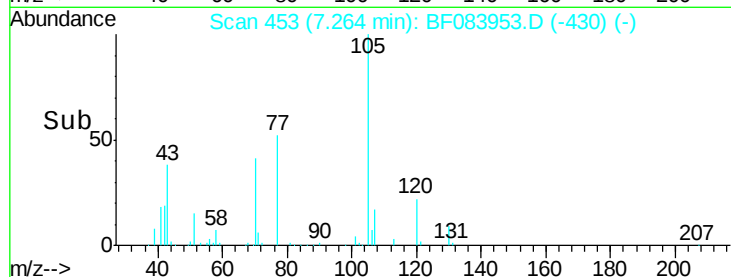
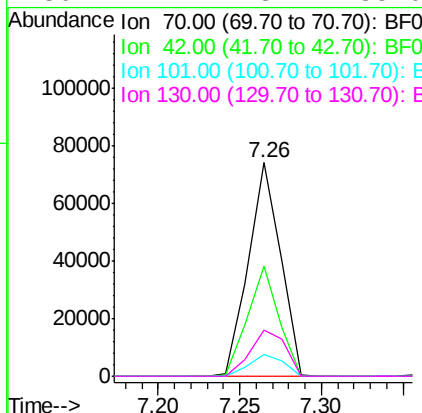
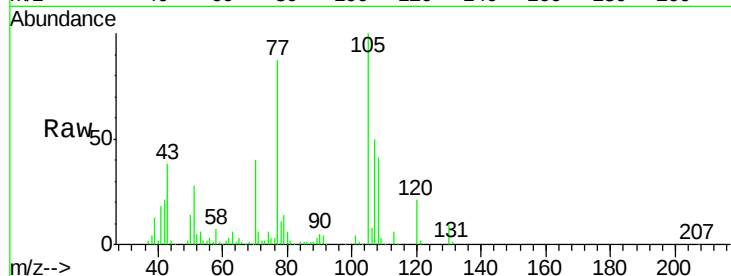




#19
n-Nitroso-di-n-propylamine
Concen: 38.25 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

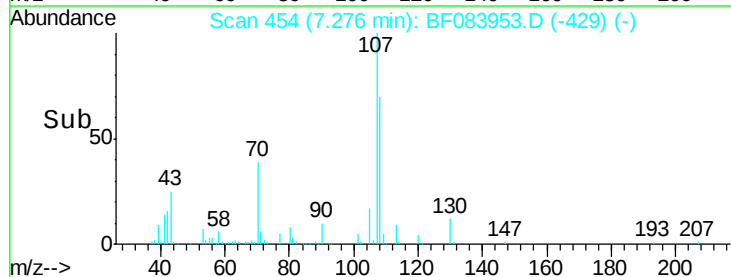
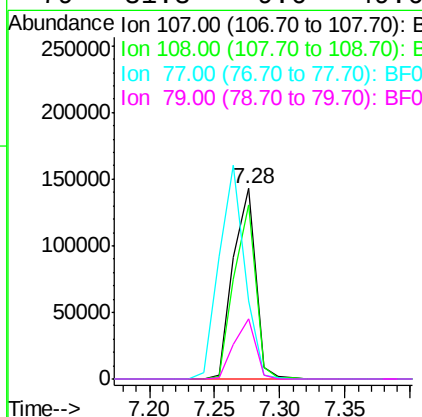
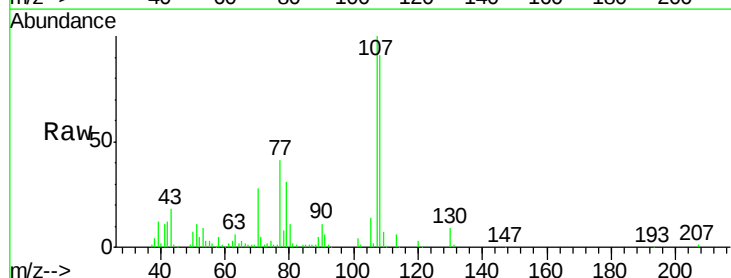
Instrument :
BNA_F
ClientSampled :
PB87185BS

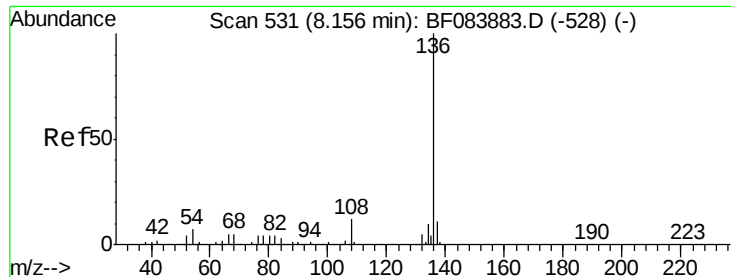
Tgt Ion: 70 Resp: 101042
Ion Ratio Lower Upper
70 100
42 51.6 33.3 49.9#
101 10.5 9.3 13.9
130 21.4 23.4 35.0#



#20
3+4-Methylphenols
Concen: 42.03 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion: 107 Resp: 170672
Ion Ratio Lower Upper
107 100
108 91.2 64.1 104.1
77 40.7 128.9 168.9#
79 31.3 9.6 49.6

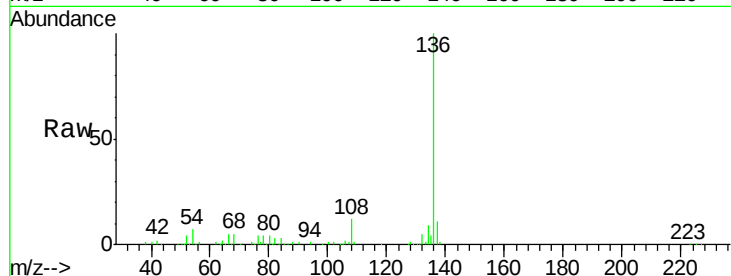




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tgt Ion:	136	Resp:	223815
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.6	5.8	8.8
68	4.7	4.2	6.2



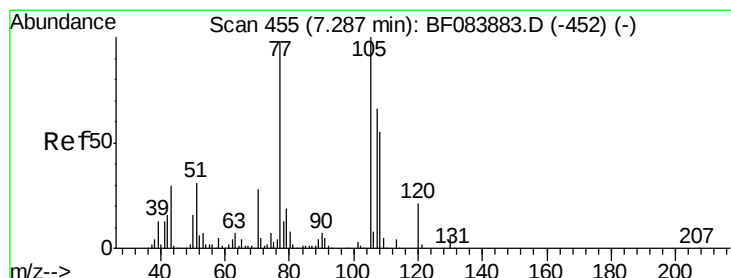
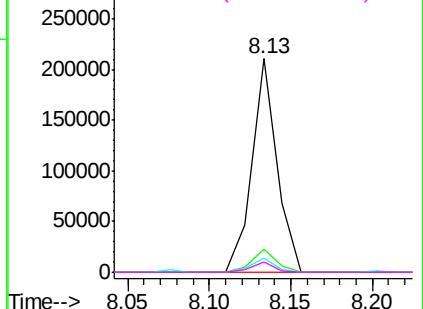
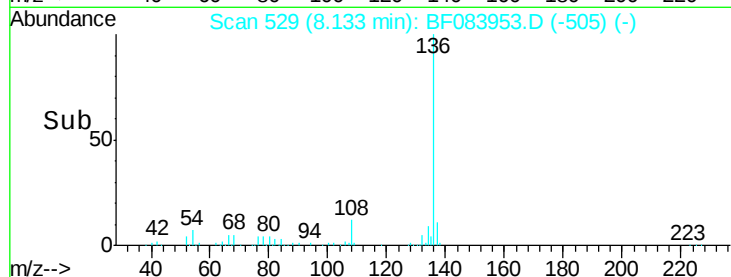
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

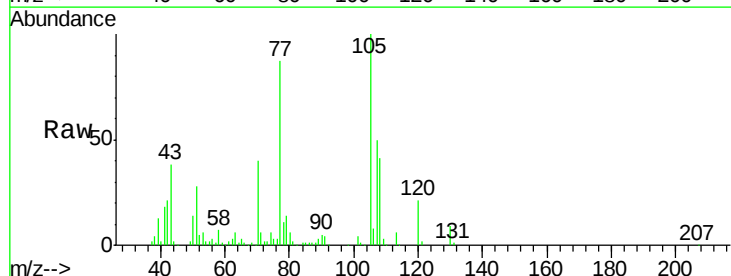
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 41.47 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:	105	Resp:	223479
Ion	Ratio	Lower	Upper
105	100		
71	6.4	3.7	5.5#
51	27.6	25.1	37.7
120	21.3	16.6	25.0



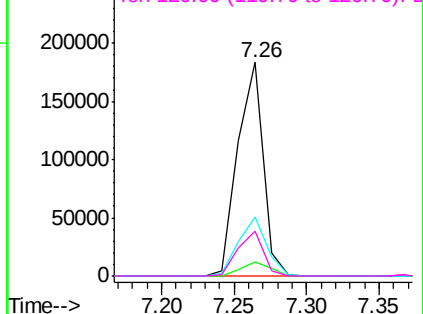
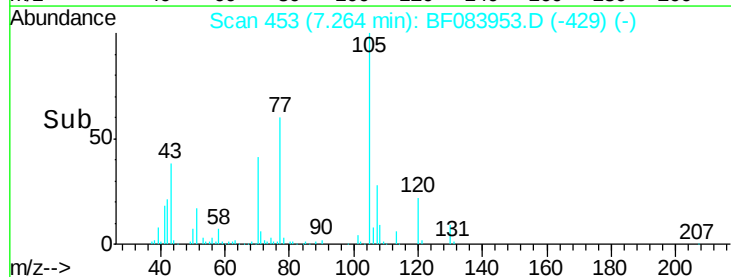
Abundance

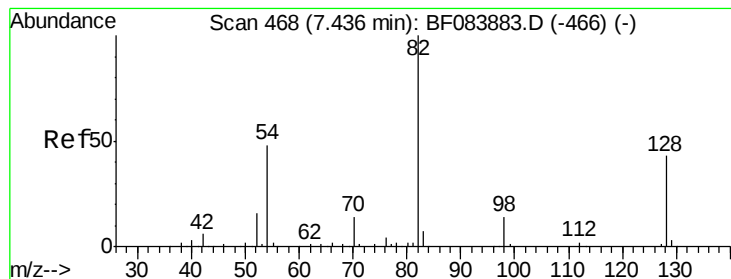
Ion 105.00 (104.70 to 105.70): E

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: 77.85 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB87185BS

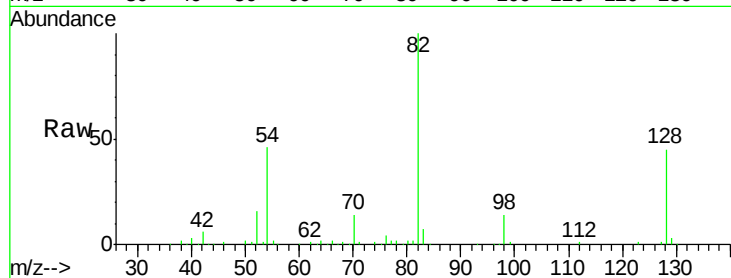
Tgt Ion: 82 Resp: 305306

Ion Ratio Lower Upper

82 100

128 45.4 34.6 51.8

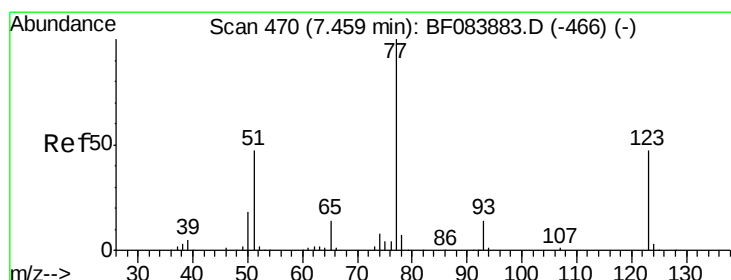
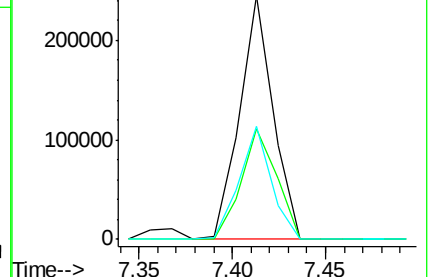
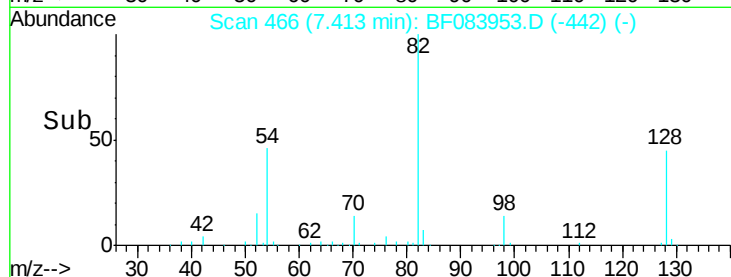
54 46.5 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 42.16 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

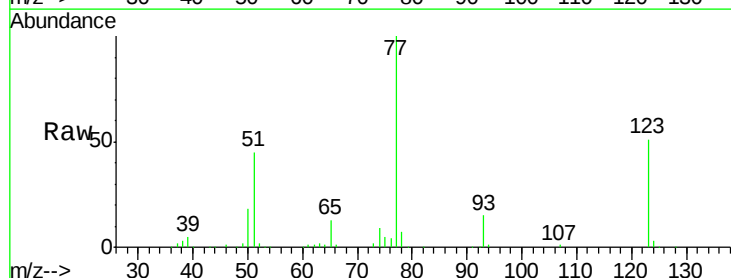
Tgt Ion: 77 Resp: 170965

Ion Ratio Lower Upper

77 100

123 51.5 37.4 56.2

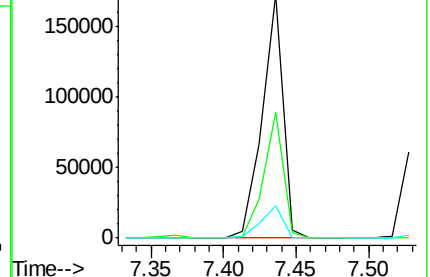
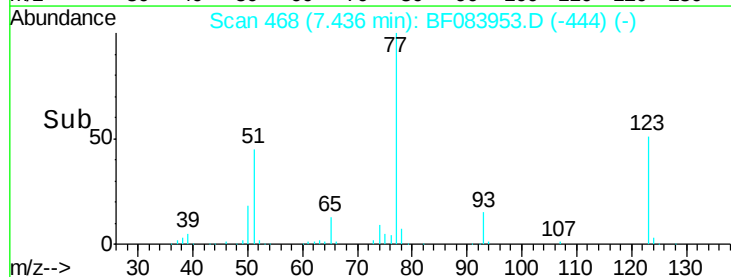
65 13.5 10.9 16.3

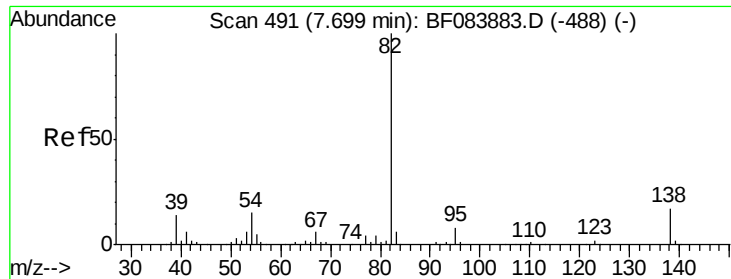


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.51 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB87185BS

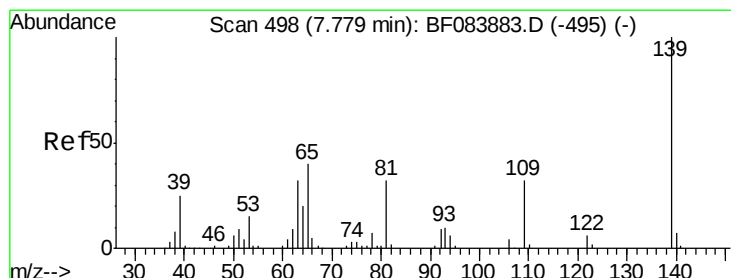
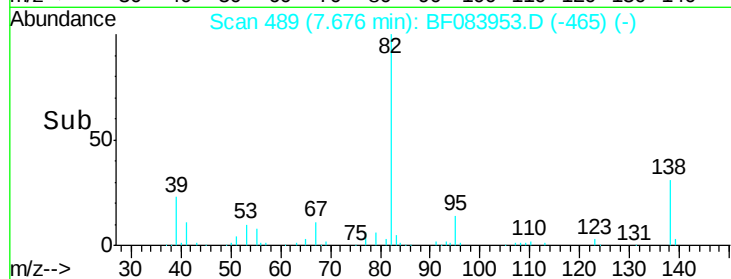
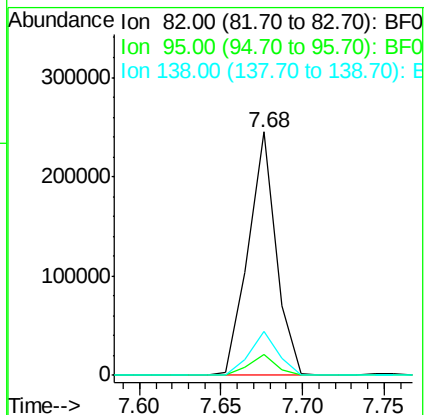
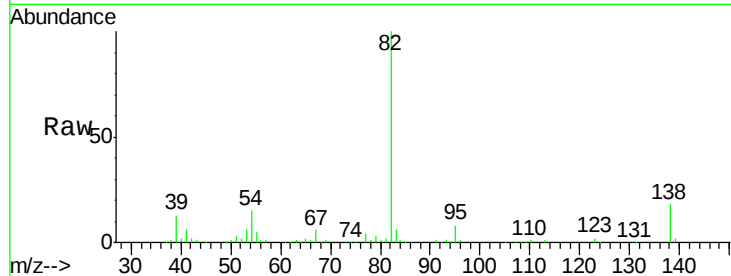
Tgt Ion: 82 Resp: 291555

Ion Ratio Lower Upper

82 100

95 8.4 6.6 10.0

138 18.0 13.6 20.4



#26

2-Nitrophenol

Concen: 42.85 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

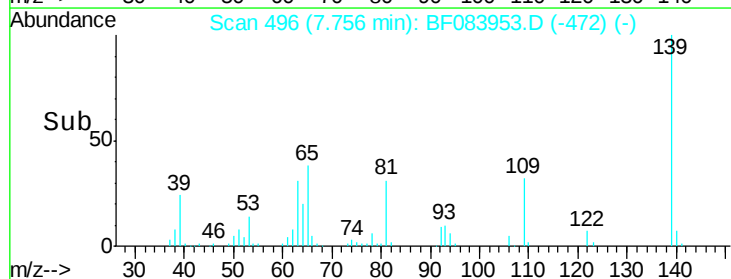
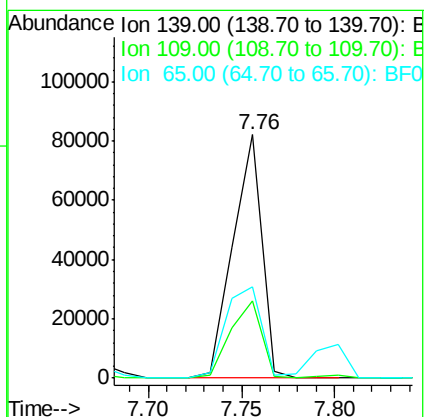
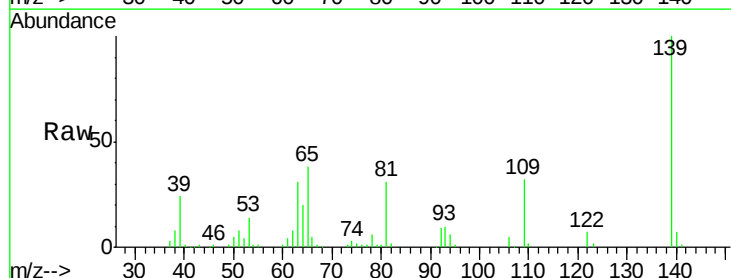
Tgt Ion: 139 Resp: 89956

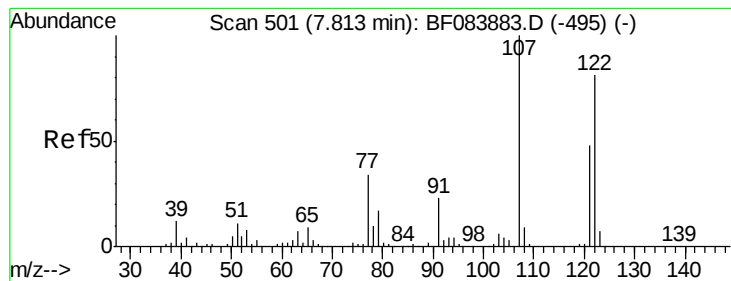
Ion Ratio Lower Upper

139 100

109 31.9 25.4 38.2

65 37.5 32.3 48.5





#27

2,4-Dimethylphenol

Concen: 44.52 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB87185BS

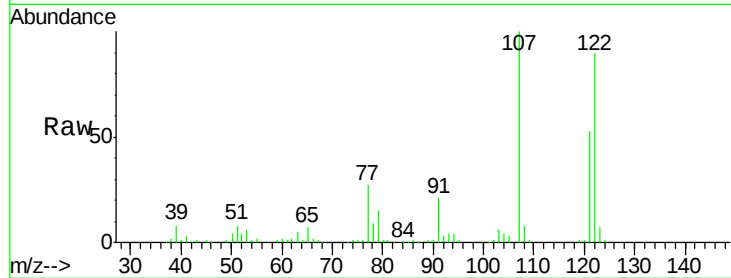
Tgt Ion:122 Resp: 160998

Ion Ratio Lower Upper

122 100

107 111.7 99.1 148.7

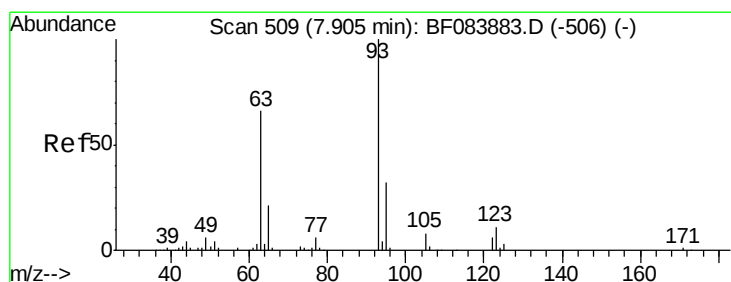
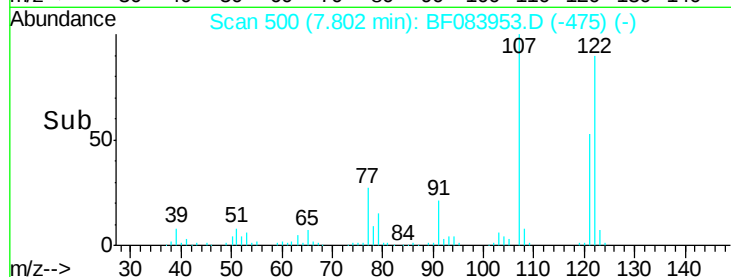
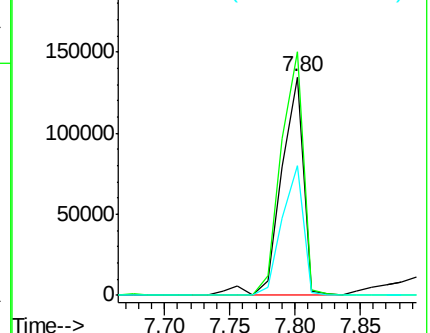
121 59.7 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.62 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

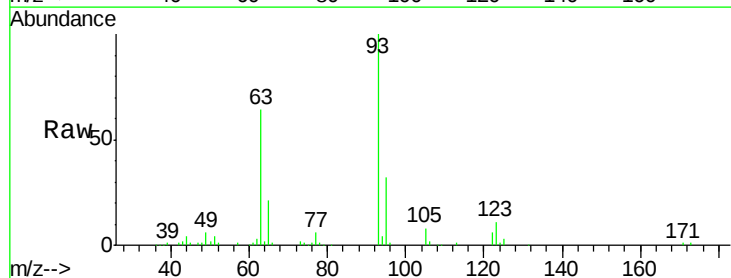
Tgt Ion: 93 Resp: 168553

Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.6

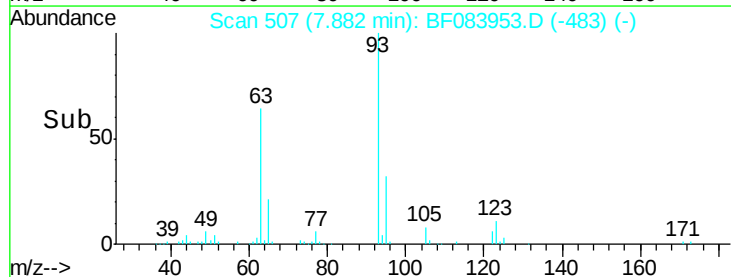
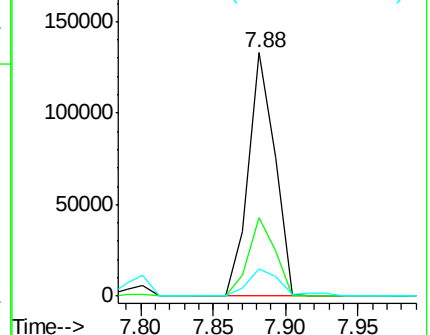
123 11.1 8.6 12.8

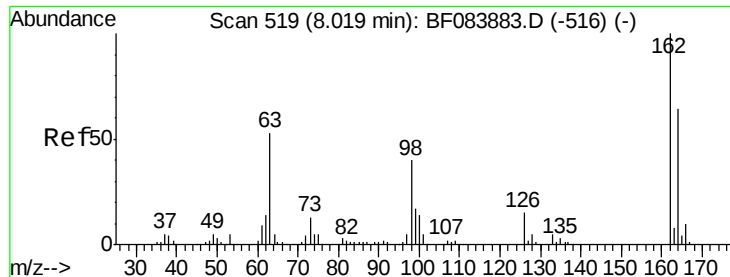


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

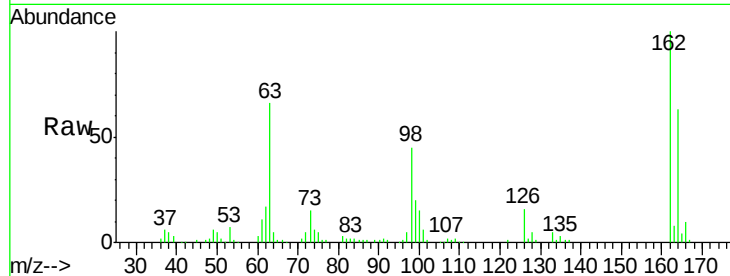




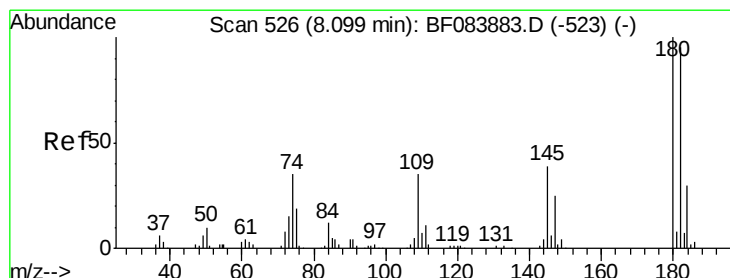
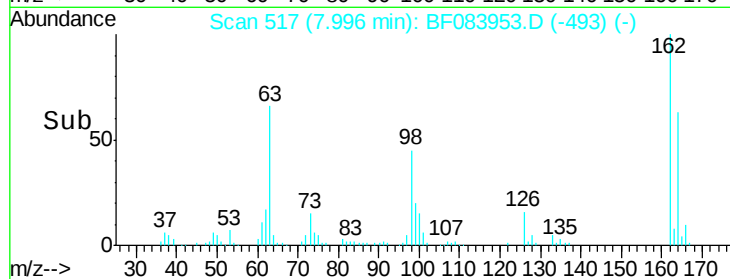
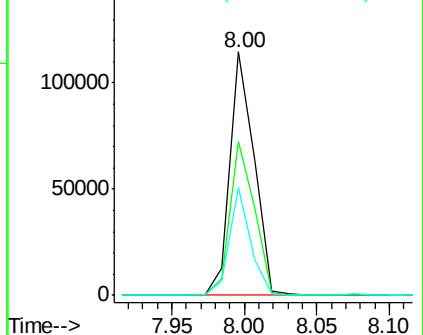
#29
2,4-Dichlorophenol
Concen: 40.45 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tgt Ion:162 Resp: 132710
Ion Ratio Lower Upper
162 100
164 63.3 44.1 84.1
98 44.6 20.2 60.2

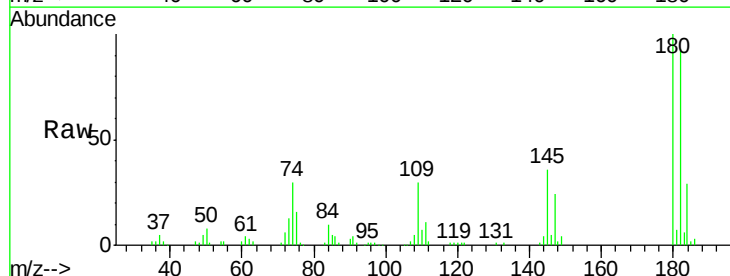


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

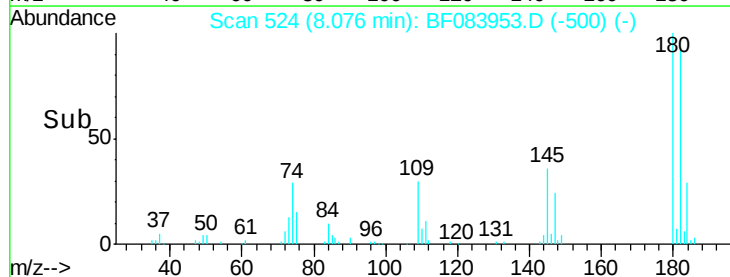
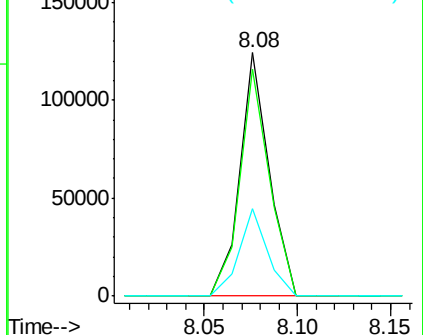


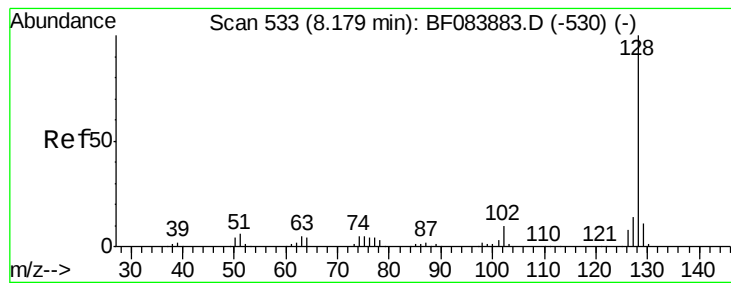
#30
1,2,4-Trichlorobenzene
Concen: 38.54 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:180 Resp: 135782
Ion Ratio Lower Upper
180 100
182 93.2 76.4 114.6
145 36.1 31.6 47.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.05 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB87185BS

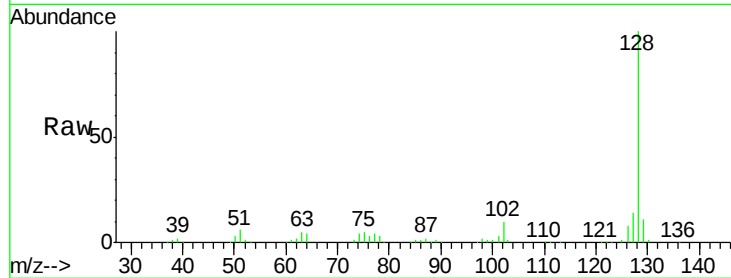
Tgt Ion:128 Resp: 464996

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

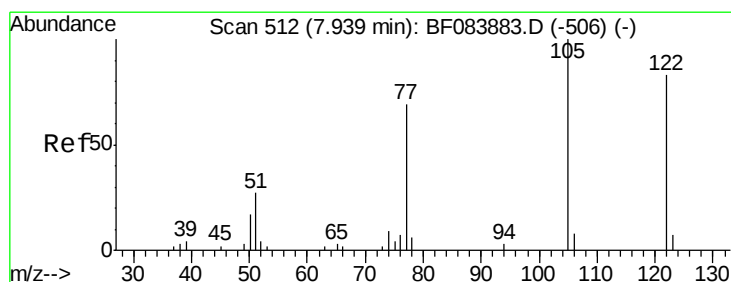
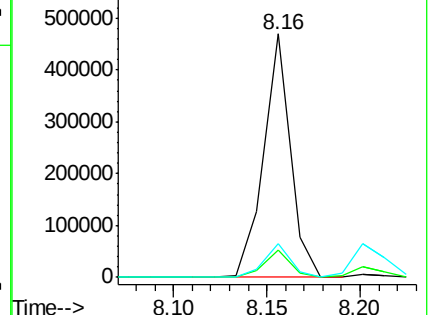
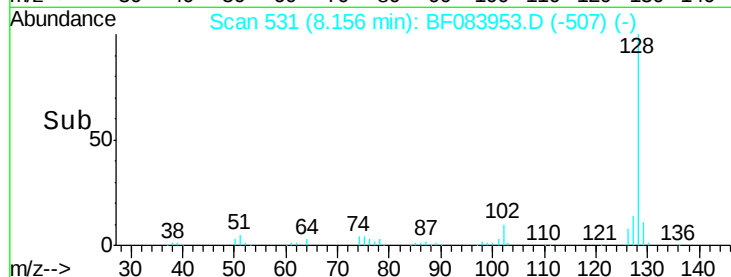
127 13.8 11.1 16.7



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: 51.52 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

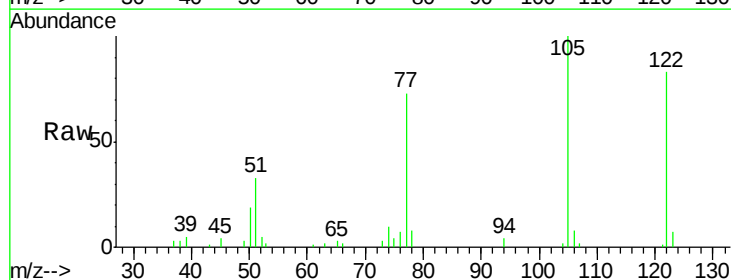
Tgt Ion:122 Resp: 70634

Ion Ratio Lower Upper

122 100

105 121.0 100.3 140.3

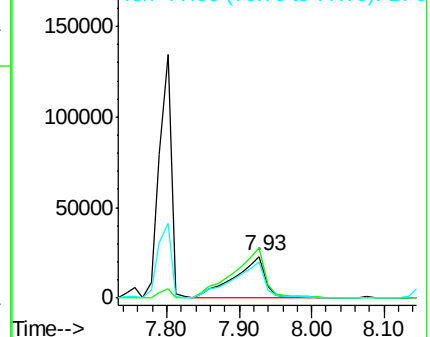
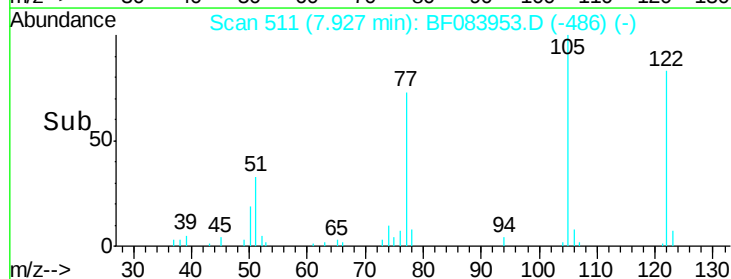
77 88.2 63.5 103.5

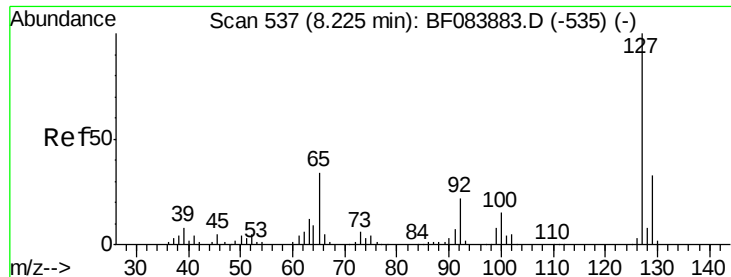


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

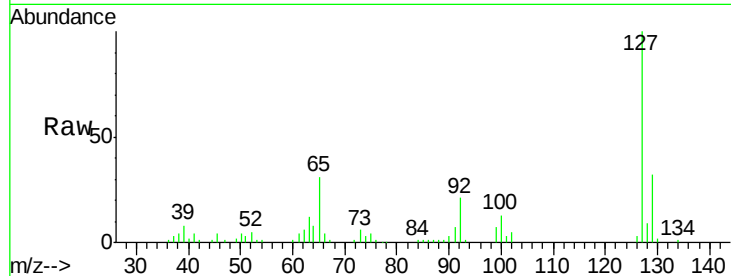




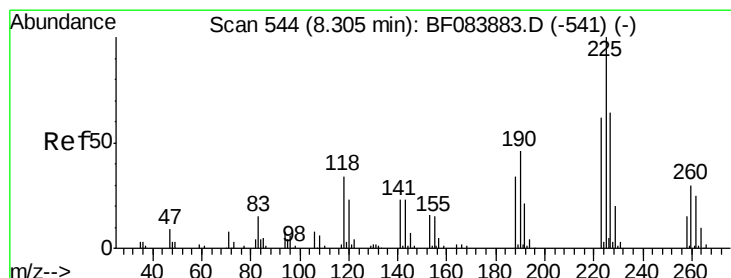
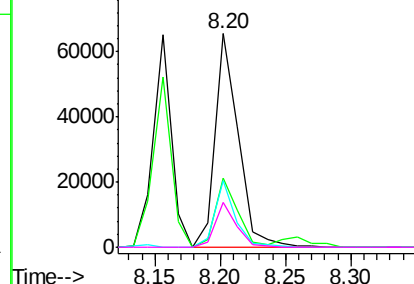
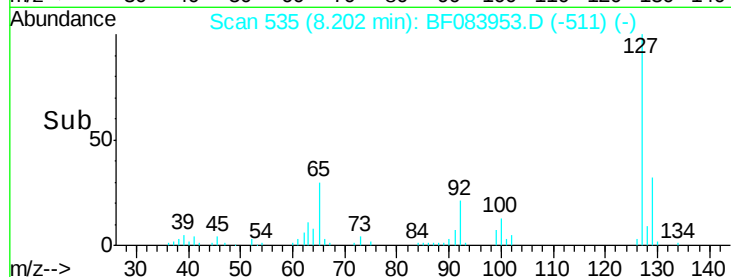
#33
4-Chloroaniline
Concen: 16.13 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tgt Ion:	127	Resp:	81954
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.5	39.7
65	31.2	27.2	40.8
92	20.9	17.7	26.5

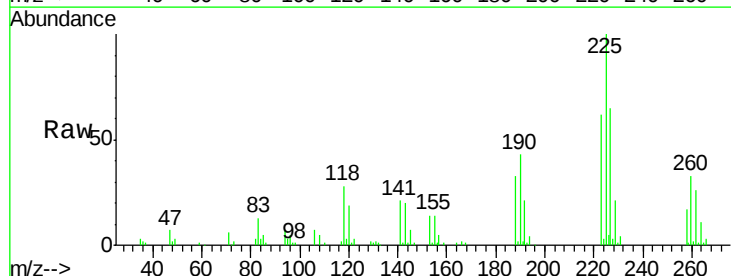


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

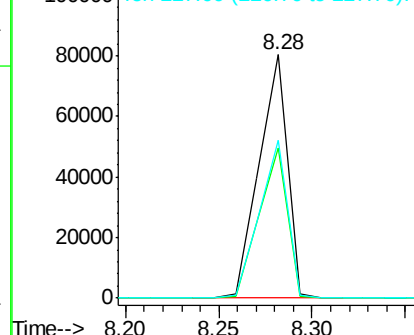
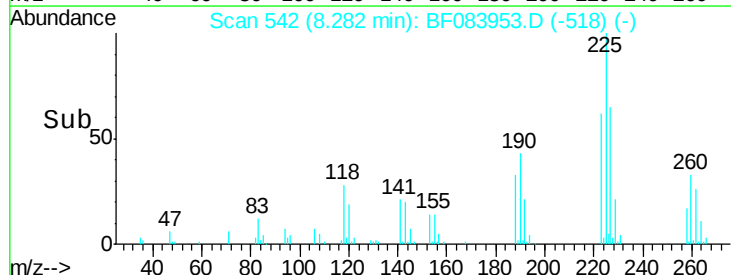


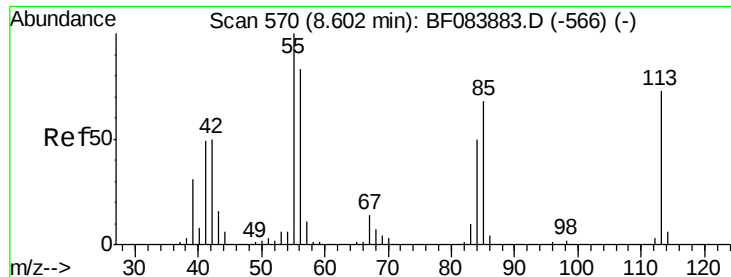
#34
Hexachlorobutadiene
Concen: 38.34 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:	225	Resp:	84353
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.4	74.0
227	64.6	50.8	76.2



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





#35

Caprolactam

Concen: 28.67 ng

RT: 8.58 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB87185BS

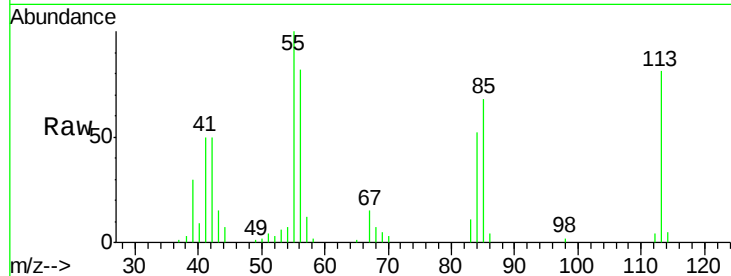
Tgt Ion:113 Resp: 31080

Ion Ratio Lower Upper

113 100

55 122.7 116.9 156.9

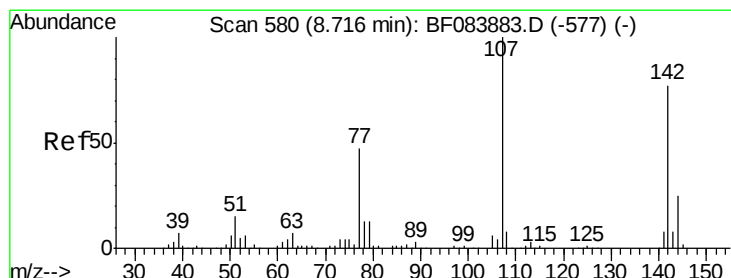
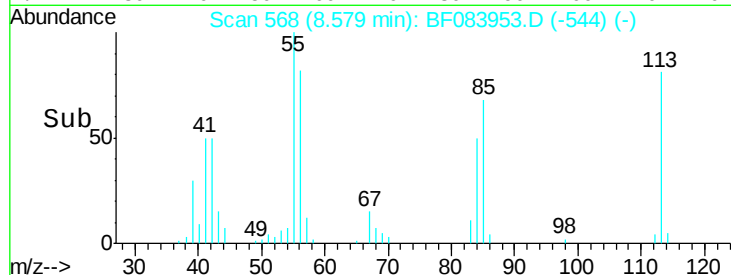
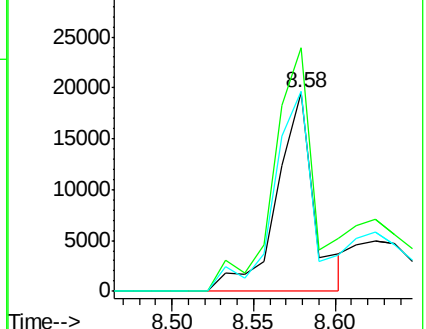
56 100.8 93.8 133.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.70 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

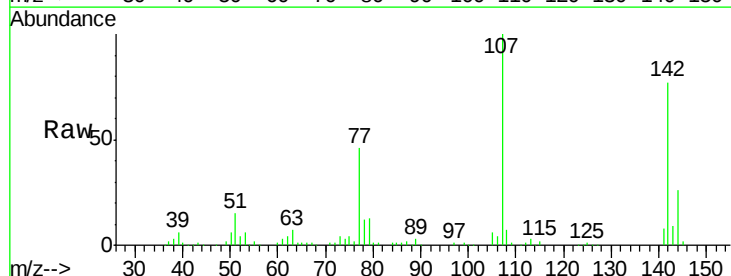
Tgt Ion:107 Resp: 169116

Ion Ratio Lower Upper

107 100

144 25.8 19.7 29.5

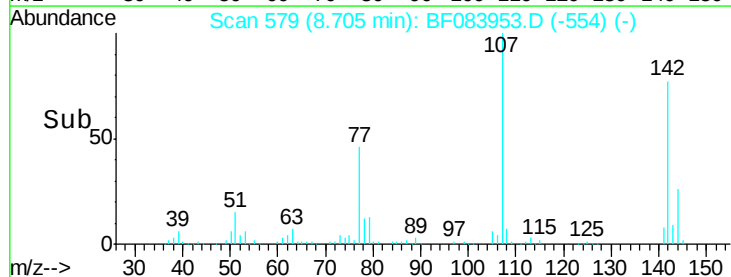
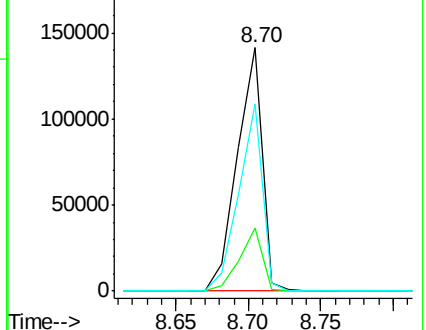
142 76.9 61.8 92.6

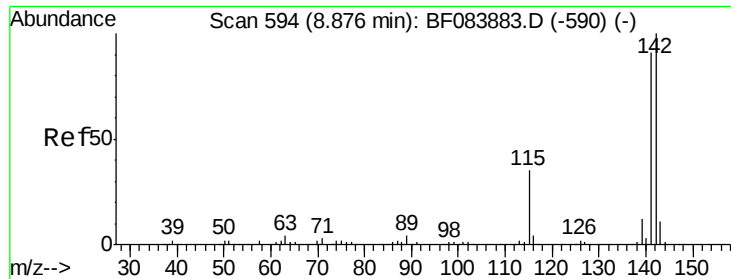


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

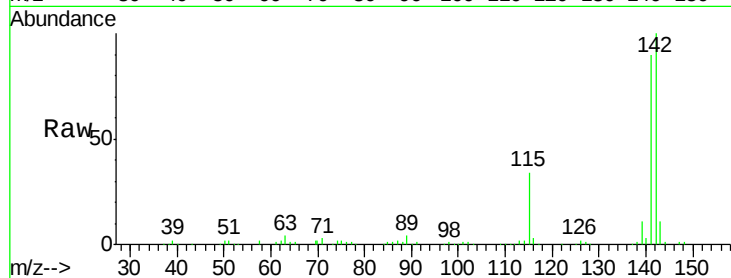




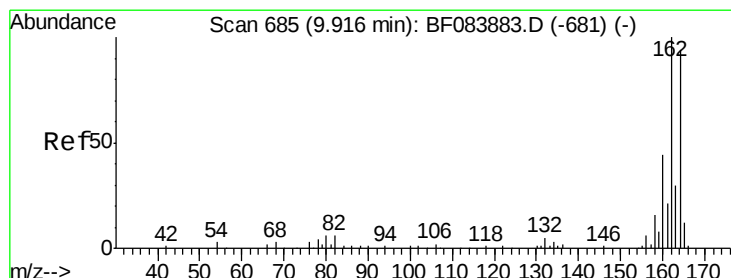
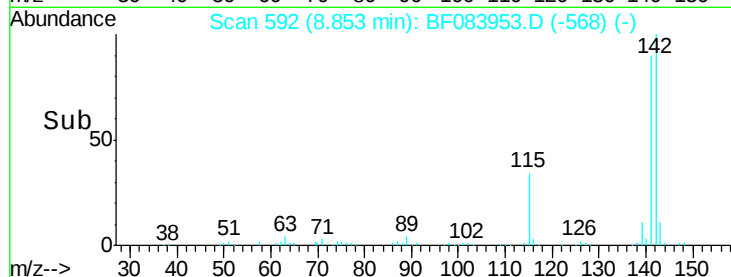
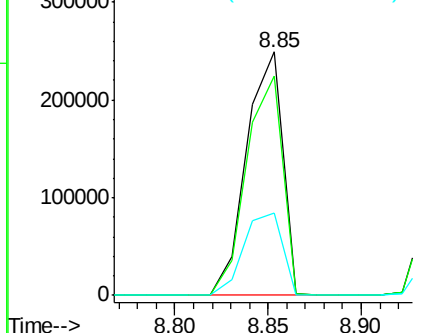
#37
 2-Methylnaphthalene
 Concen: 43.04 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tgt Ion:142 Resp: 334780
 Ion Ratio Lower Upper
 142 100
 141 90.0 72.4 108.6
 115 34.0 27.9 41.9

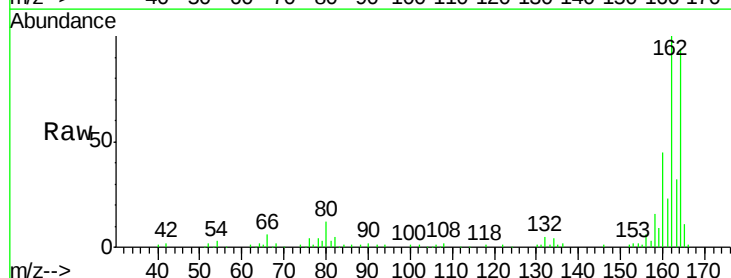


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

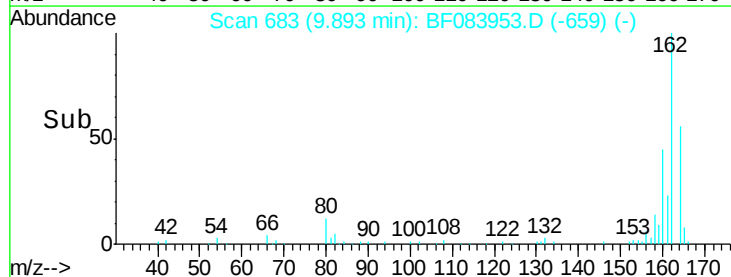
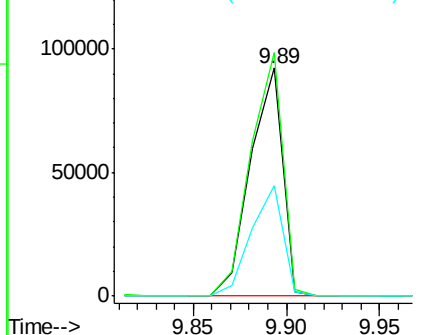


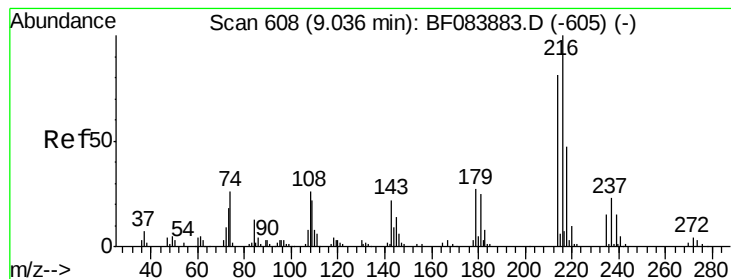
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion:164 Resp: 111649
 Ion Ratio Lower Upper
 164 100
 162 106.9 85.1 127.7
 160 48.6 37.5 56.3



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: 36.85 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB87185BS

Tgt Ion:216 Resp: 129737

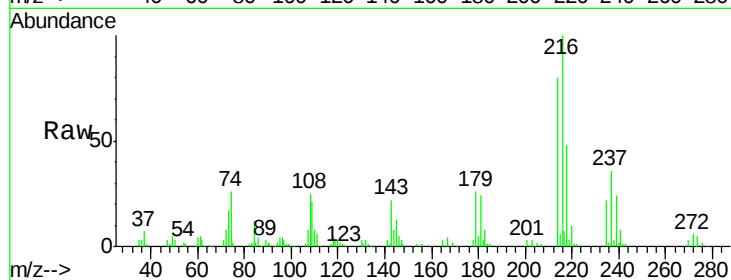
Ion Ratio Lower Upper

216 100

214 79.2 64.2 96.2

179 23.0 18.7 28.1

108 22.5 16.8 25.2

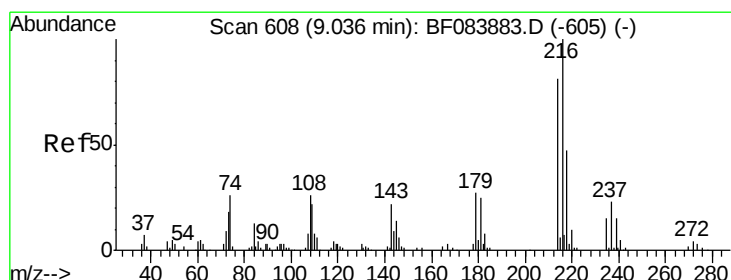
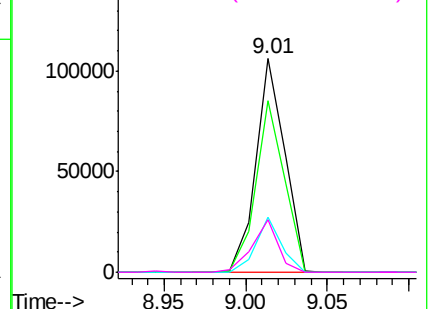
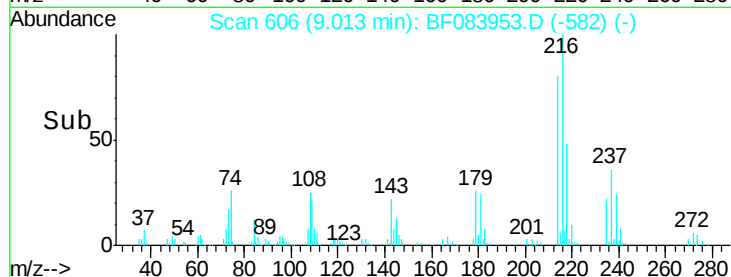


Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.32 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.03 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

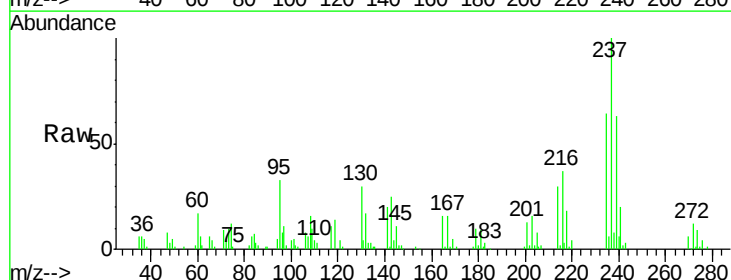
Tgt Ion:237 Resp: 77292

Ion Ratio Lower Upper

237 100

235 64.5 43.1 83.1

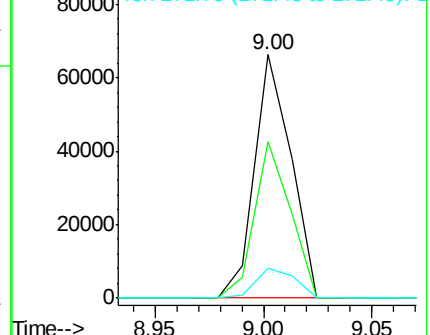
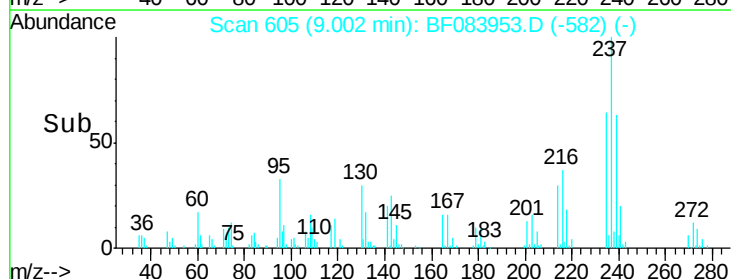
272 12.2 0.0 35.1

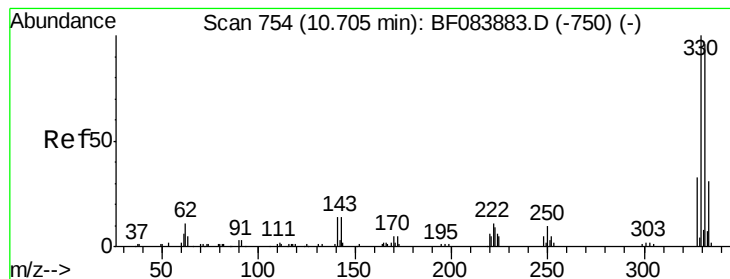


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 125.54 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB87185BS

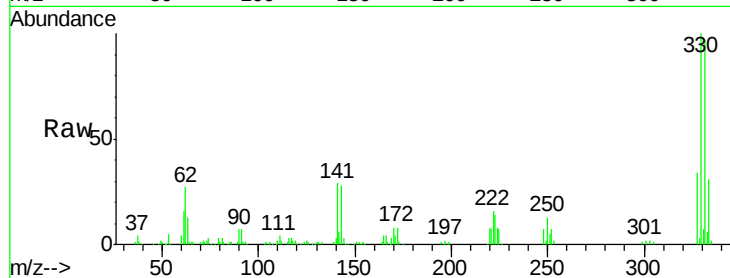
Tgt Ion:330 Resp: 154419

Ion Ratio Lower Upper

330 100

332 96.9 76.6 114.8

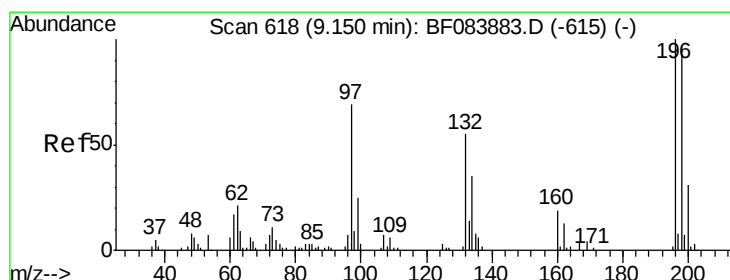
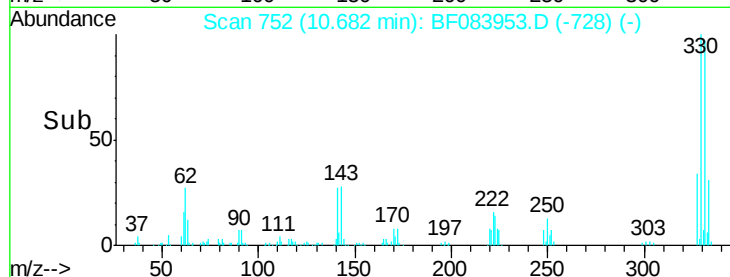
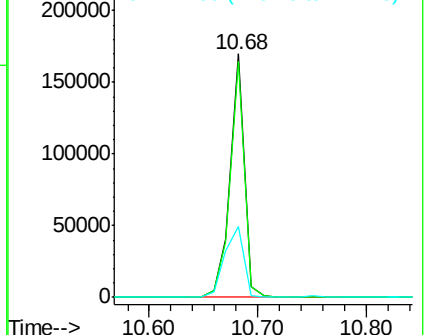
141 38.8 27.8 41.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 37.58 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

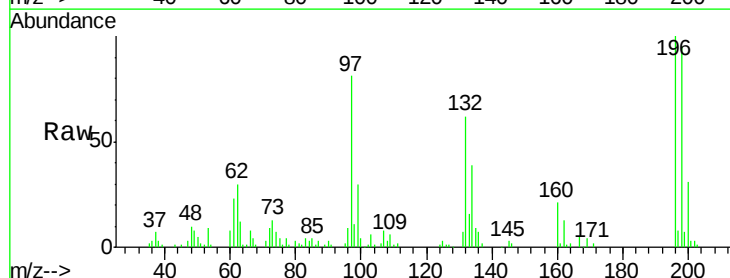
Tgt Ion:196 Resp: 87345

Ion Ratio Lower Upper

196 100

198 95.3 77.7 116.5

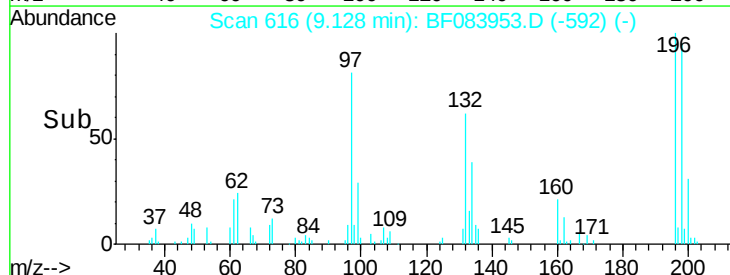
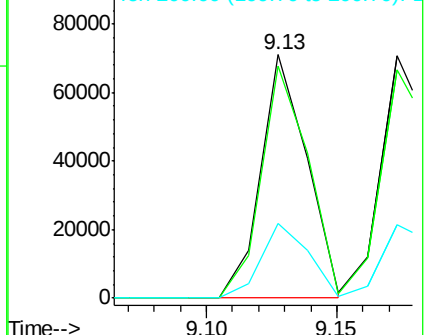
200 30.6 24.6 37.0

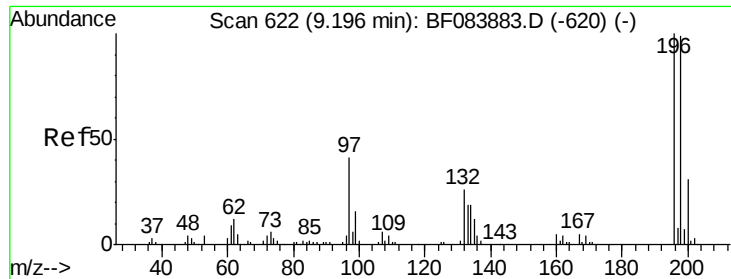


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

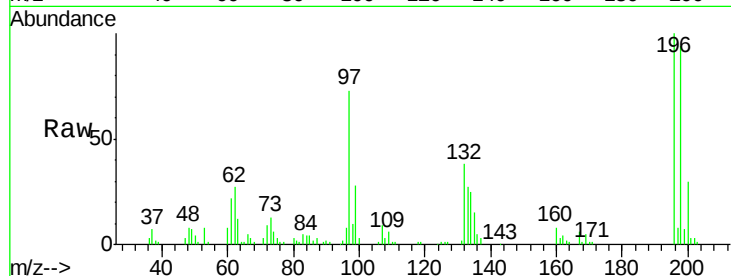




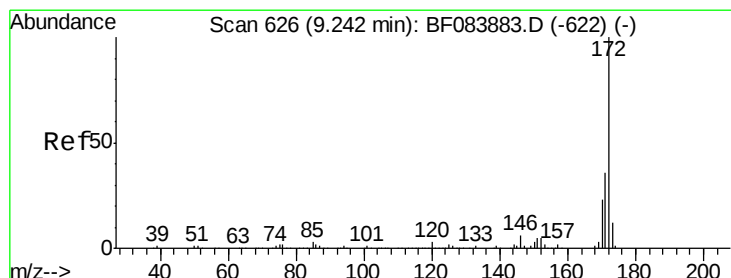
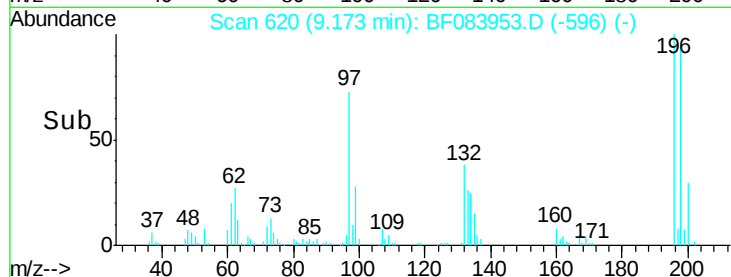
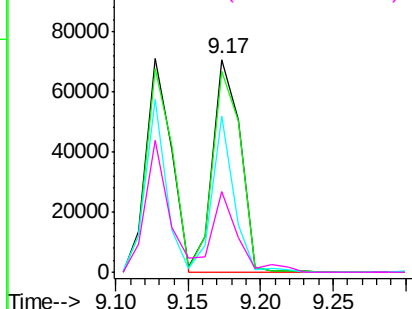
#43
 2,4,5-Trichlorophenol
 Concen: 40.68 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tgt Ion:196 Resp: 93579
 Ion Ratio Lower Upper
 196 100
 198 94.5 79.0 118.6
 97 73.4 33.0 49.6#
 132 38.2 21.1 31.7#

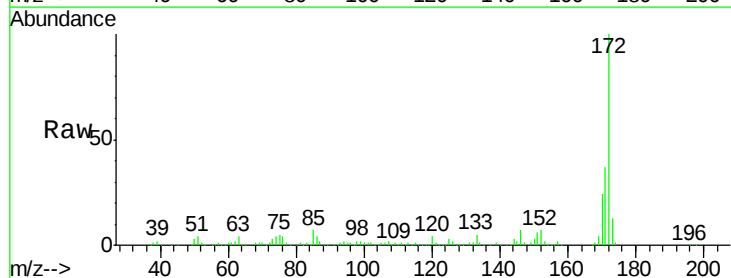


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

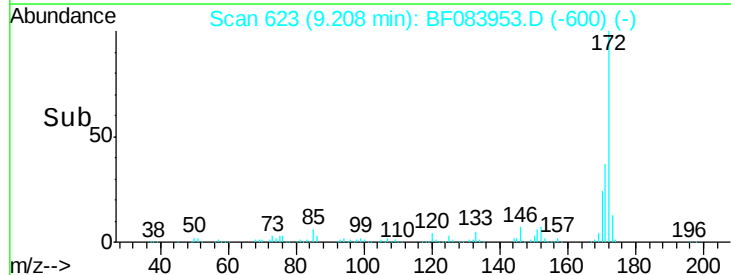
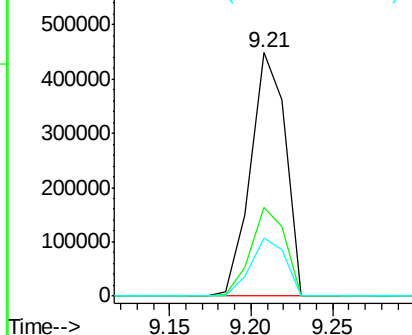


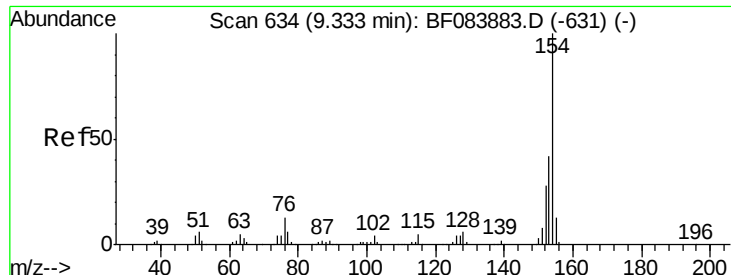
#44
 2-Fluorobiphenyl
 Concen: 83.07 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion:172 Resp: 662882
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 23.7 18.6 27.8



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: 40.77 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB87185BS

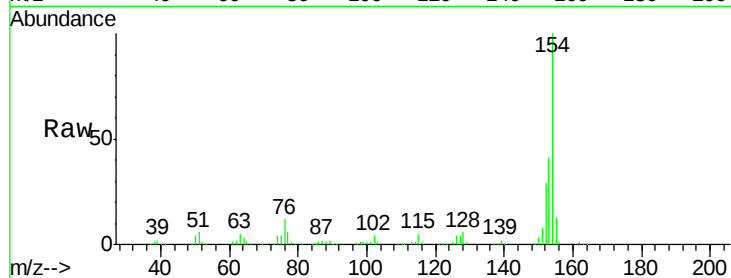
Tgt Ion:154 Resp: 383470

Ion Ratio Lower Upper

154 100

153 41.3 21.6 61.6

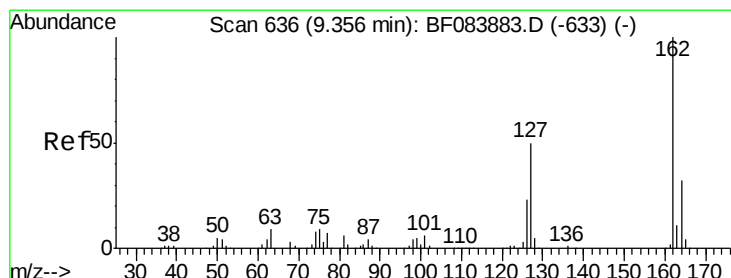
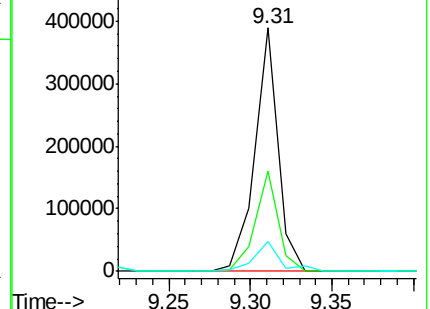
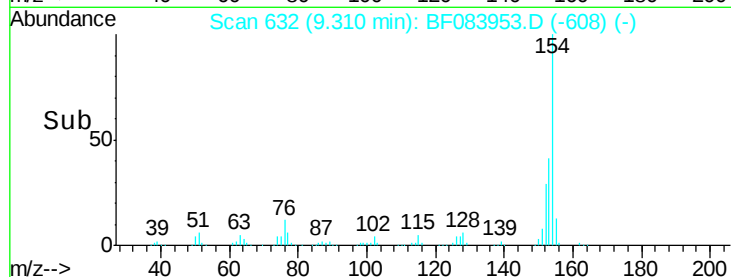
76 12.1 0.0 32.7



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: 38.27 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

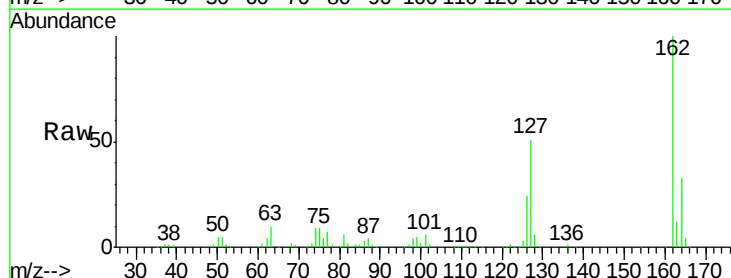
Tgt Ion:162 Resp: 282666

Ion Ratio Lower Upper

162 100

127 50.6 40.2 60.4

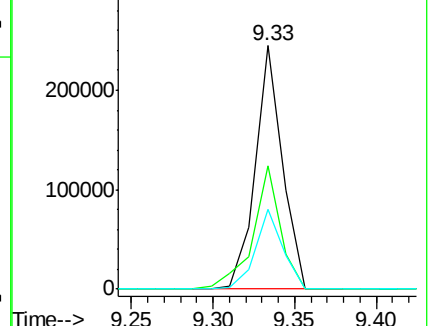
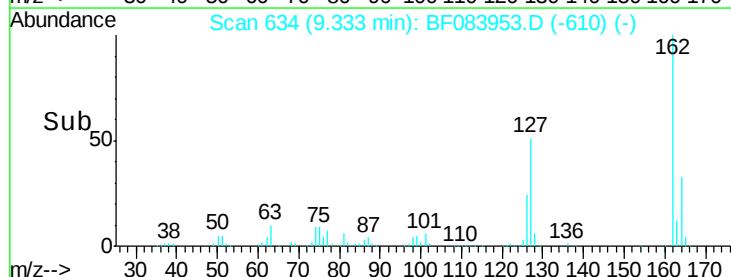
164 32.8 25.7 38.5

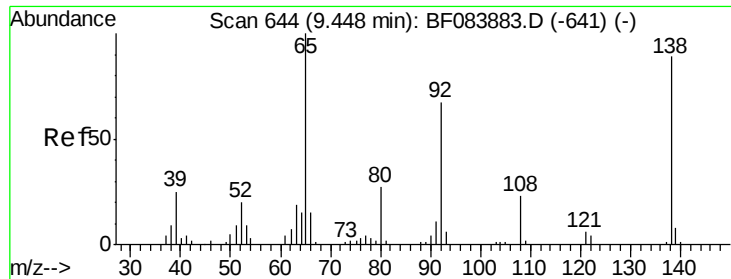


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

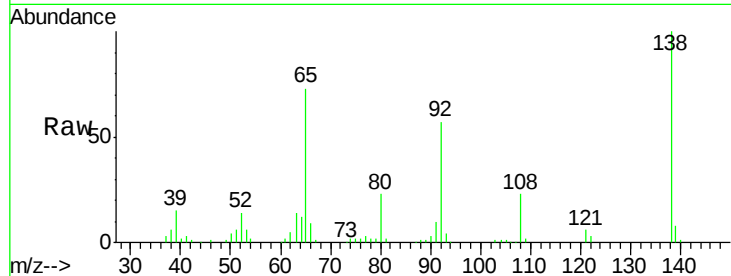




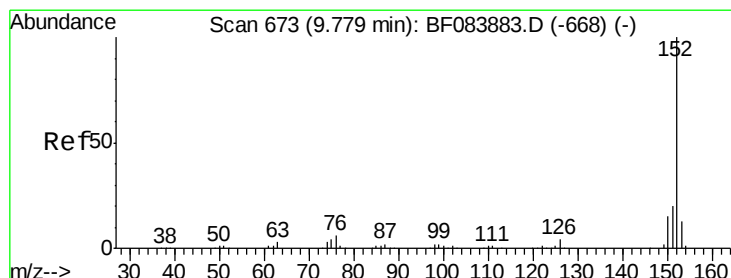
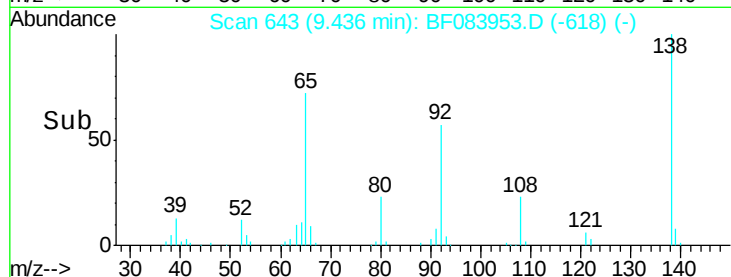
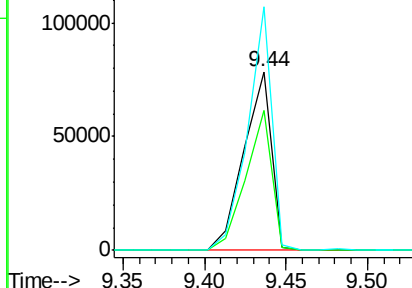
#47
 2-Nitroaniline
 Concen: 41.81 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tgt Ion: 65 Resp: 92323
 Ion Ratio Lower Upper
 65 100
 92 78.4 53.4 80.2
 138 136.4 71.1 106.7#

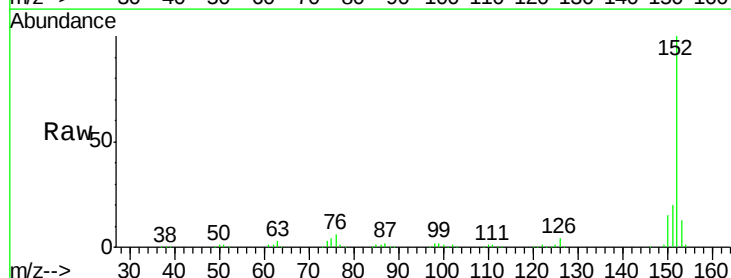


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

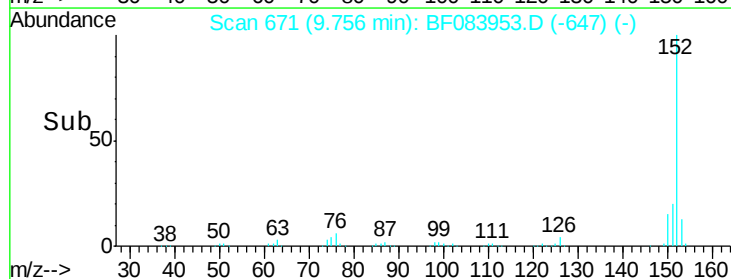
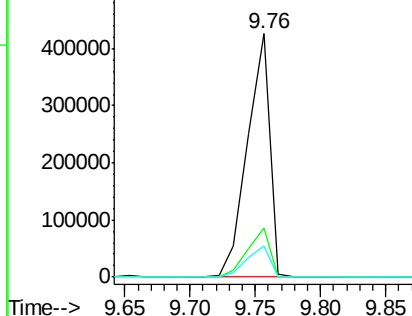


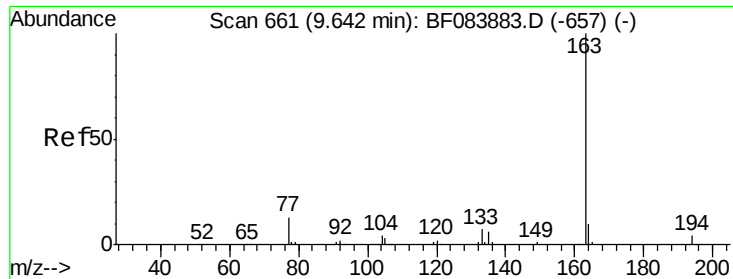
#48
 Acenaphthylene
 Concen: 38.98 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion: 152 Resp: 507312
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.3 24.5
 153 12.7 10.4 15.6



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

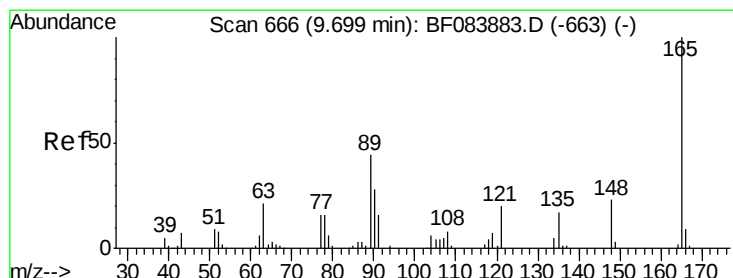
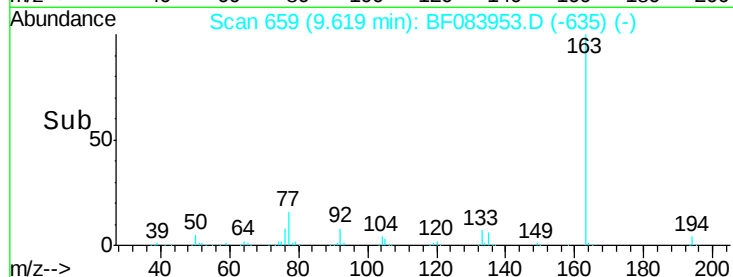
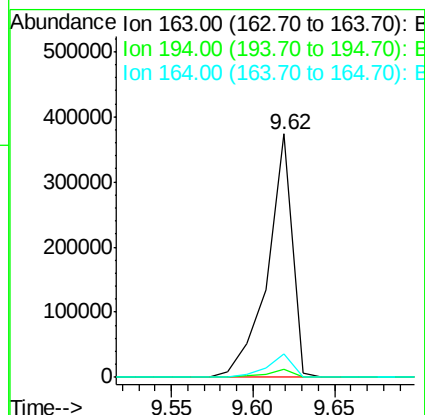
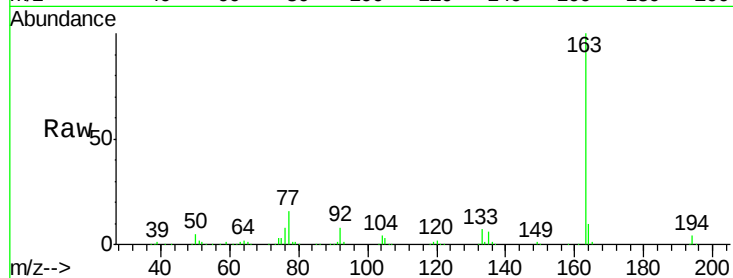




#49
Dimethylphthalate
Concen: 42.02 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

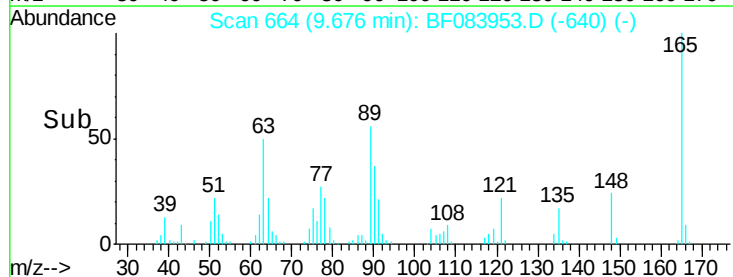
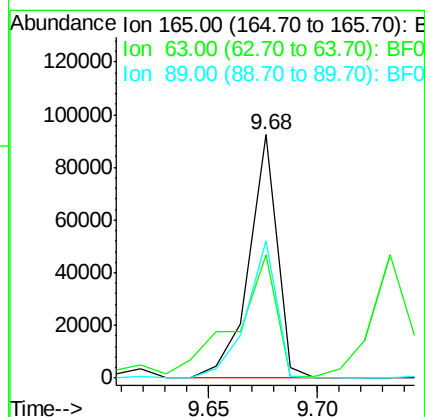
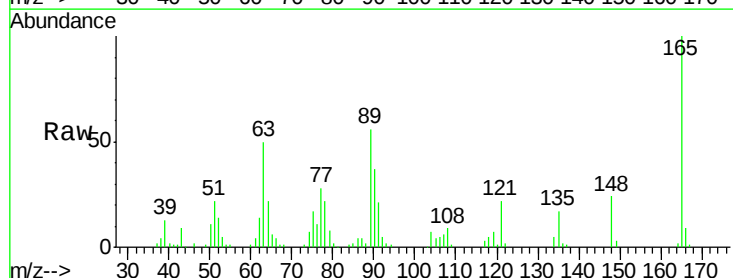
Instrument :
BNA_F
ClientSampleId :
PB87185BS

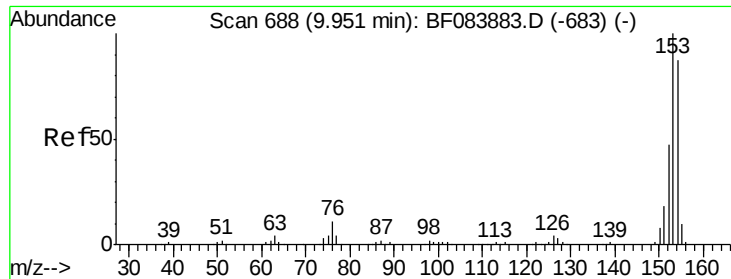
Tgt Ion:163 Resp: 393661
Ion Ratio Lower Upper
163 100
194 3.6 8.0 12.0#
164 9.8 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 40.82 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:165 Resp: 83412
Ion Ratio Lower Upper
165 100
63 50.4 28.8 43.2#
89 56.5 35.1 52.7#





#51

Acenaphthene

Concen: 41.87 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB87185BS

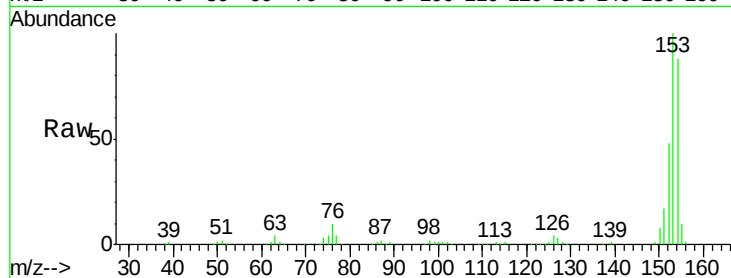
Tgt Ion:154 Resp: 335121

Ion Ratio Lower Upper

154 100

153 114.1 91.5 137.3

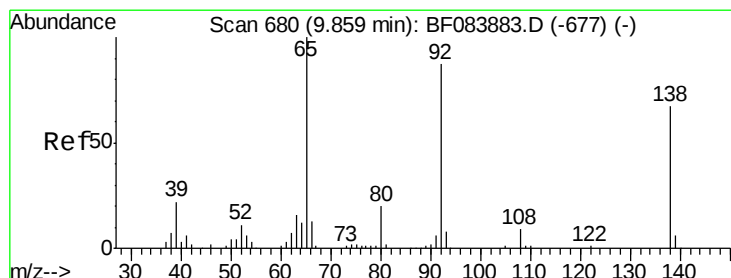
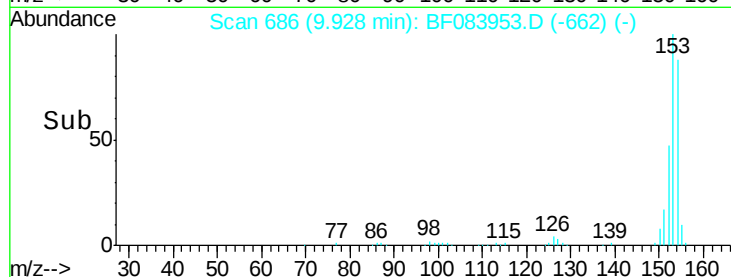
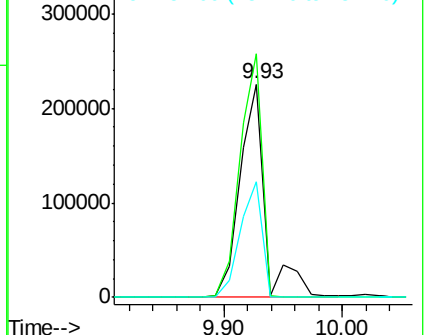
152 54.3 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.55 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

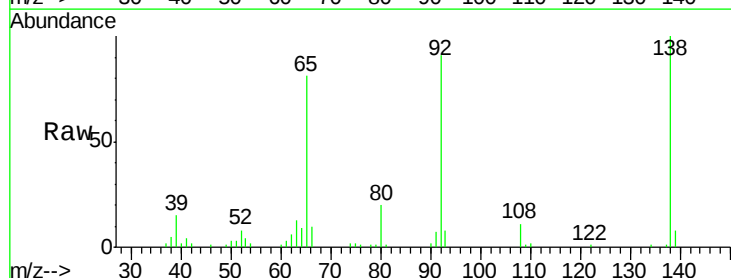
Tgt Ion:138 Resp: 48579

Ion Ratio Lower Upper

138 100

108 11.1 10.5 15.7

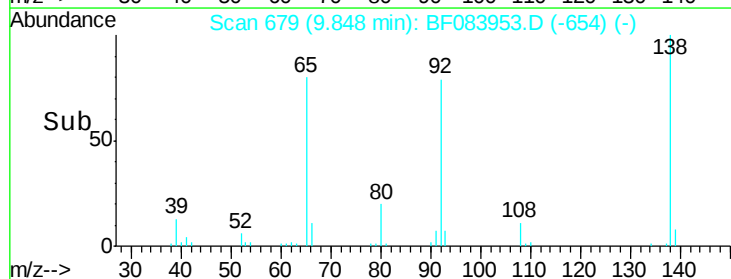
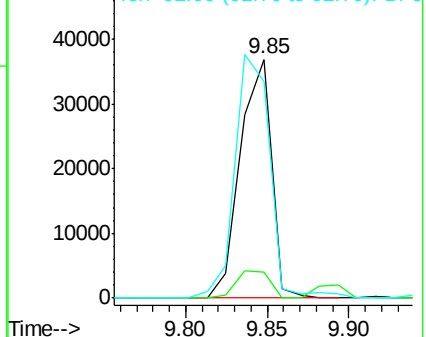
92 90.6 103.9 155.9#

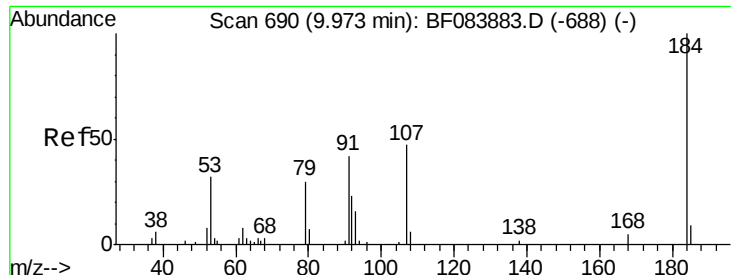


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

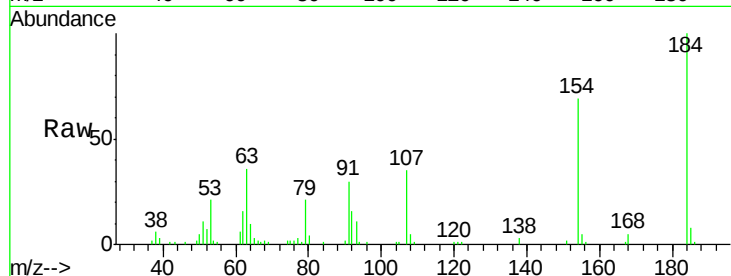




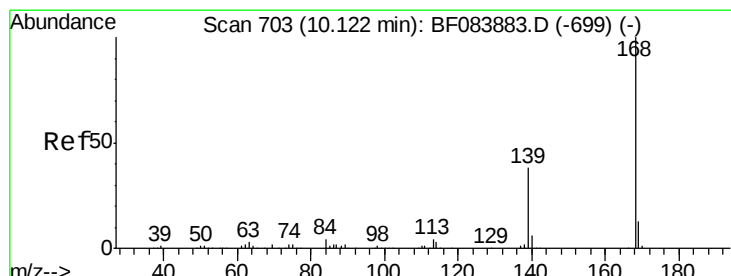
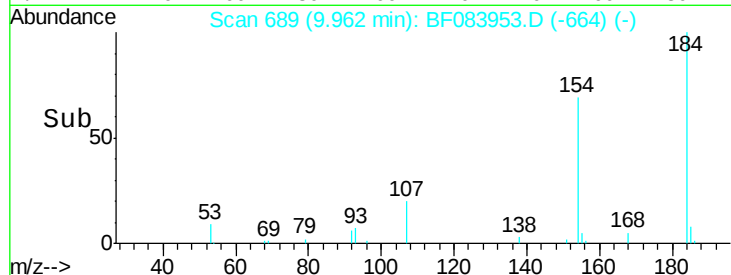
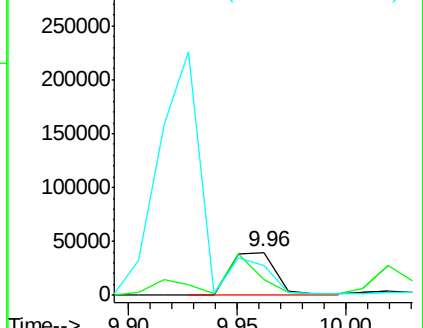
#53
 2,4-Dinitrophenol
 Concen: 80.11 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tgt Ion:184 Resp: 58791
 Ion Ratio Lower Upper
 184 100
 63 35.6 43.1 64.7#
 154 69.1 60.5 90.7

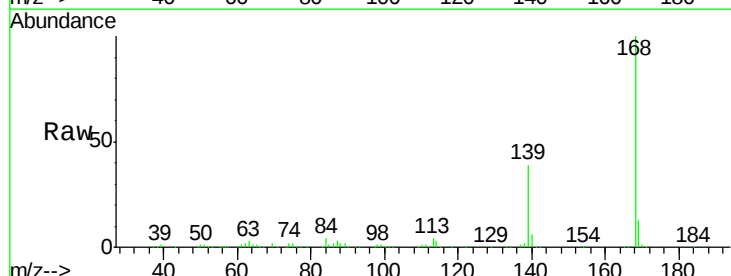


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

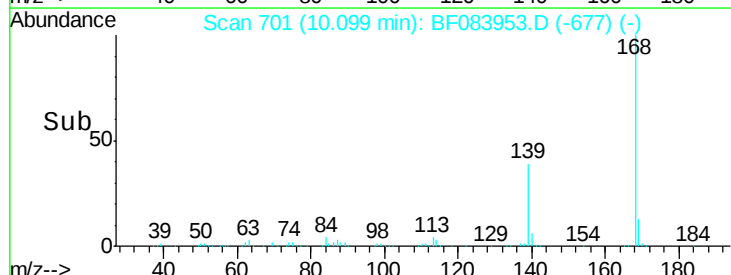
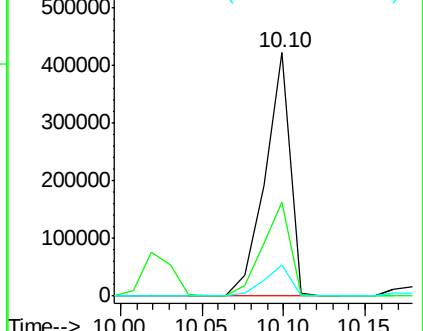


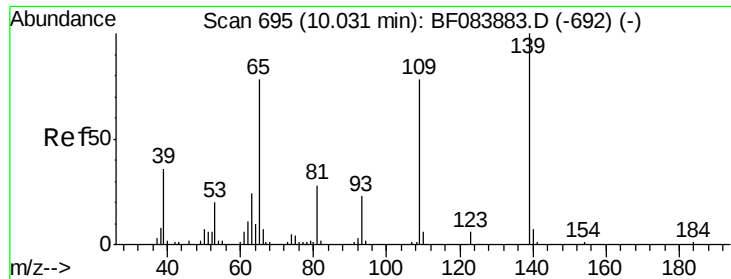
#54
 Dibenzofuran
 Concen: 43.37 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion:168 Resp: 450751
 Ion Ratio Lower Upper
 168 100
 139 38.7 30.5 45.7
 169 13.0 10.4 15.6



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: 73.85 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB87185BS

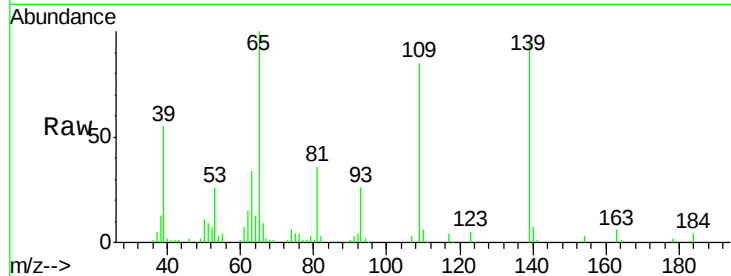
Tgt Ion:139 Resp: 99314

Ion Ratio Lower Upper

139 100

109 90.1 58.5 98.5

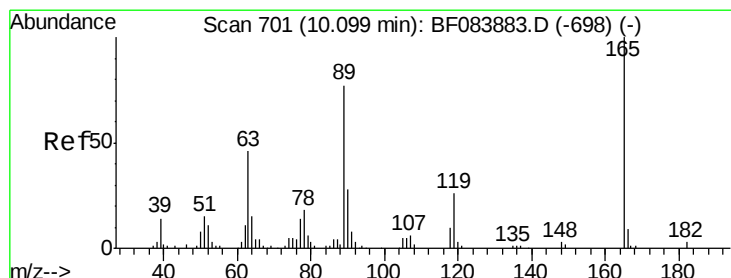
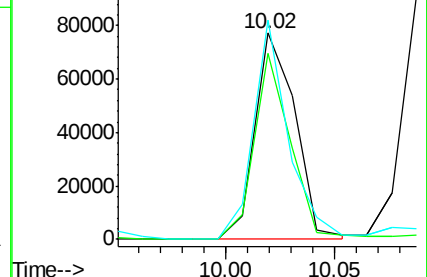
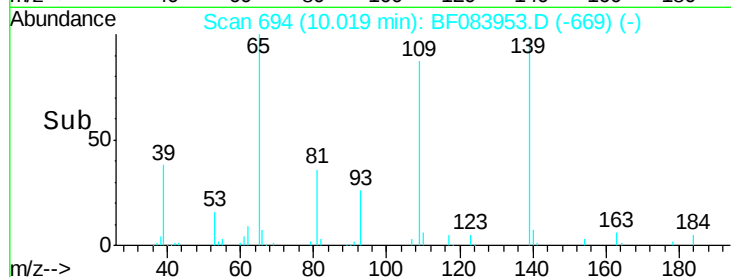
65 106.2 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.47 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Tgt Ion:165 Resp: 111245

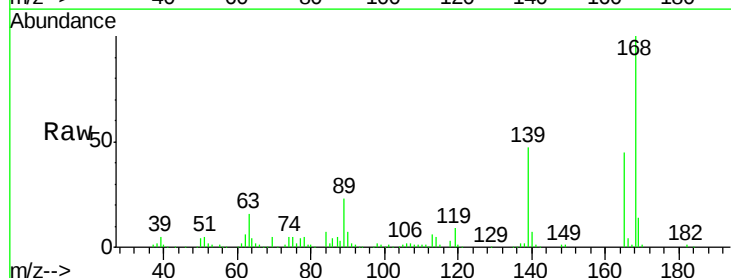
Ion Ratio Lower Upper

165 100

63 35.7 36.7 55.1#

89 52.5 61.9 92.9#

182 2.8 2.0 3.0

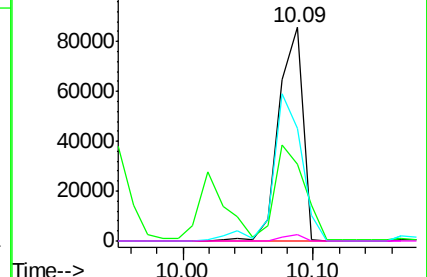
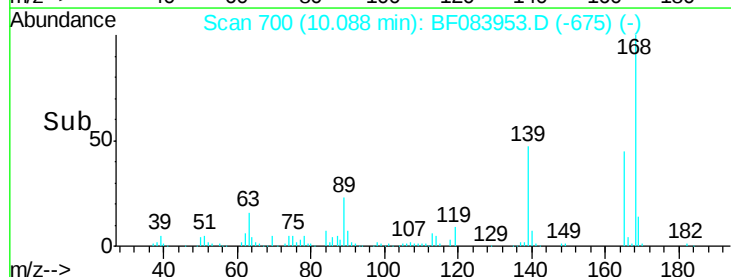


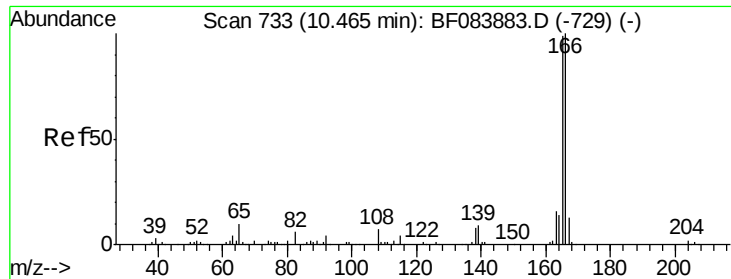
Abundance Ion 165.00 (164.70 to 165.70): E

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

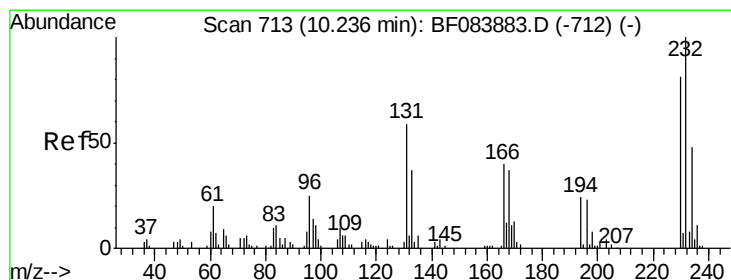
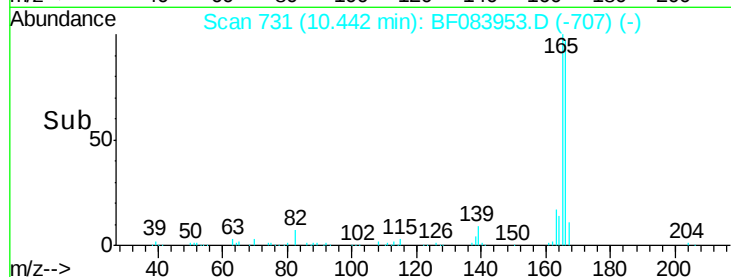
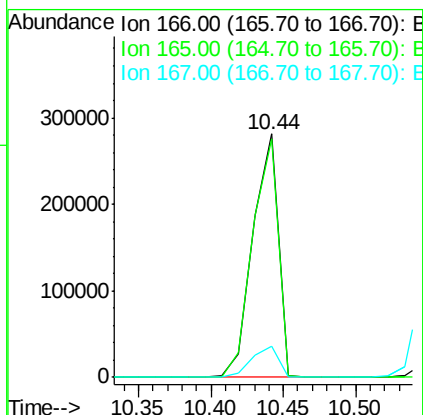
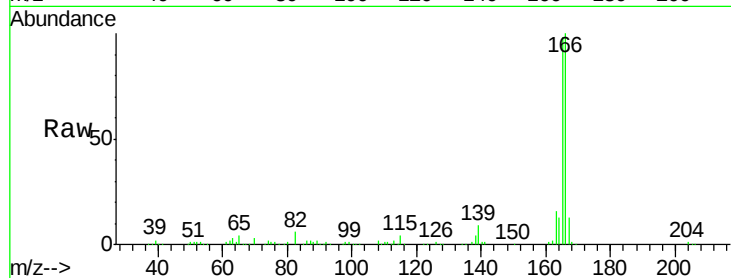




#57
 Fluorene
 Concen: 43.28 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

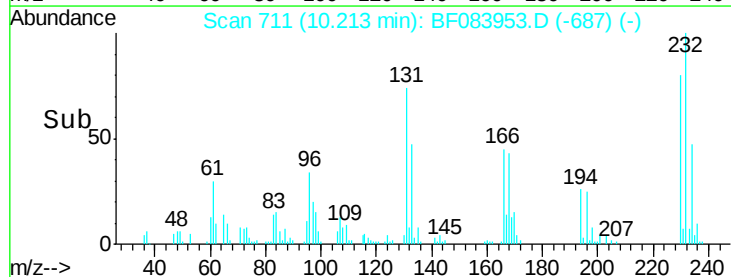
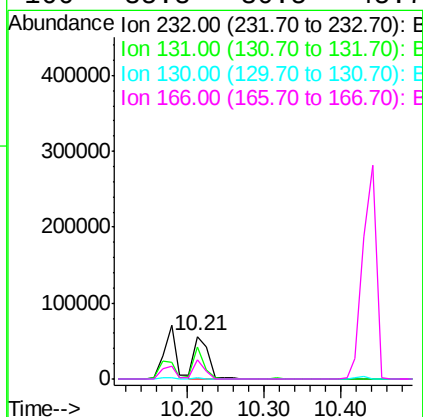
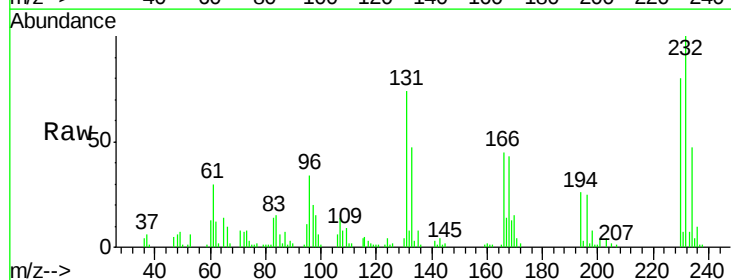
Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

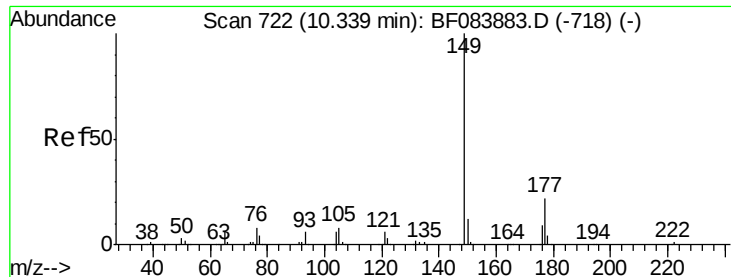
Tgt Ion:166 Resp: 343064
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.1 118.7
 167 12.9 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.29 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion:232 Resp: 73668
 Ion Ratio Lower Upper
 232 100
 131 56.2 47.0 70.6
 130 2.7 2.0 3.0
 166 35.8 30.5 45.7

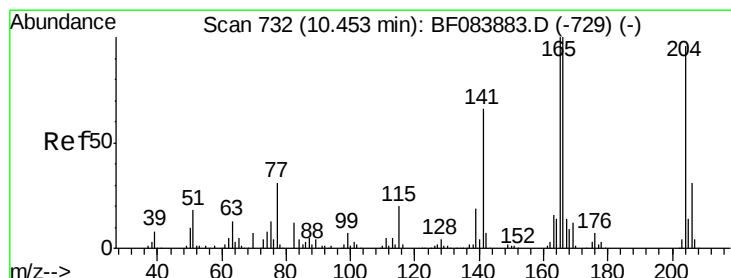
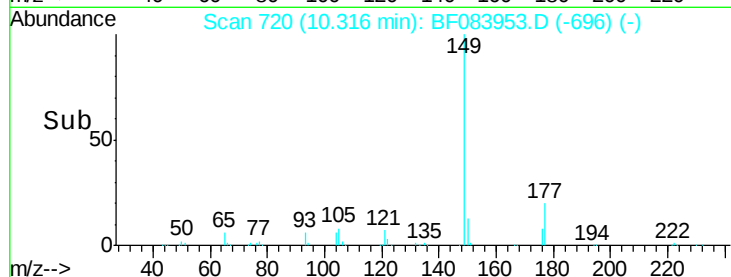
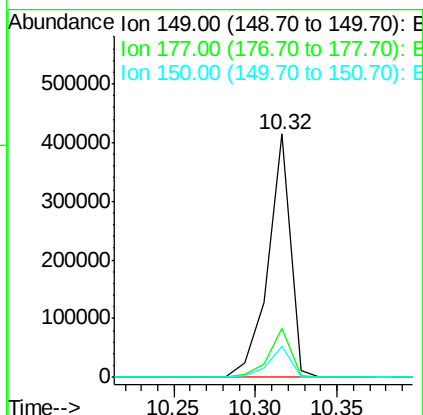
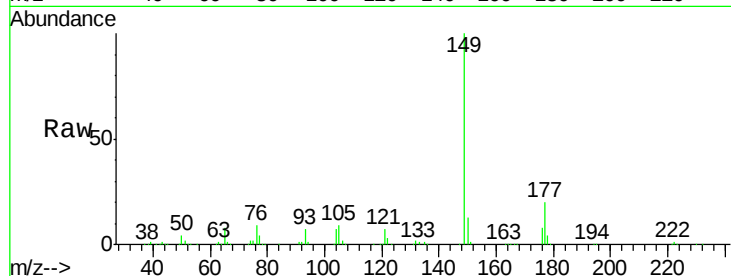




#59
Diethylphthalate
Concen: 41.05 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

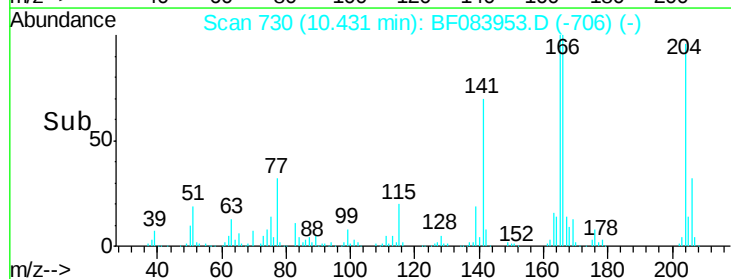
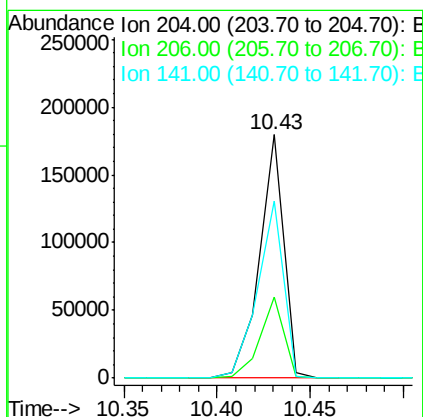
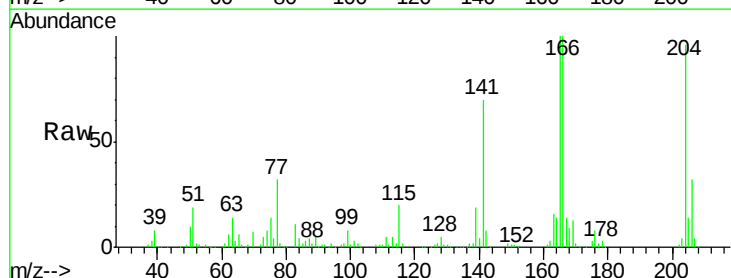
Instrument :
BNA_F
ClientSampleId :
PB87185BS

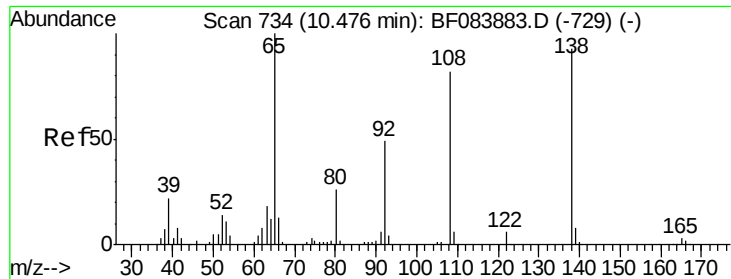
Tgt Ion:149 Resp: 397626
Ion Ratio Lower Upper
149 100
177 20.3 17.3 25.9
150 12.6 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 40.41 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:204 Resp: 160964
Ion Ratio Lower Upper
204 100
206 33.2 25.7 38.5
141 72.6 55.1 82.7

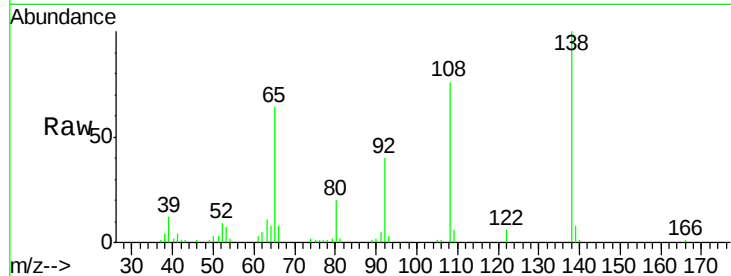




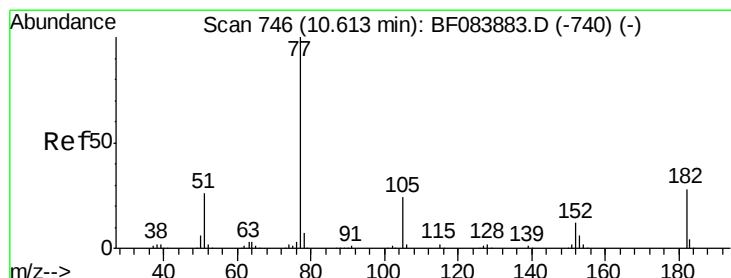
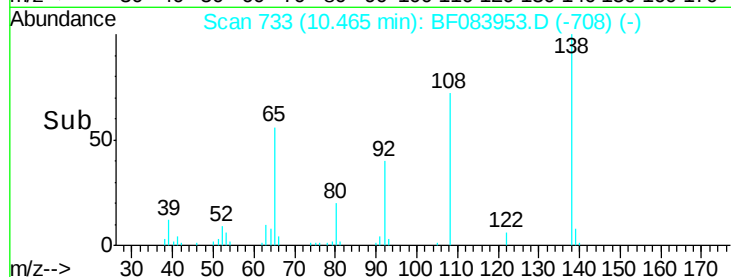
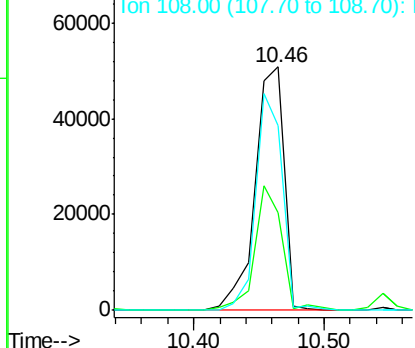
#61
4-Nitroaniline
Concen: 35.49 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tgt Ion:138 Resp: 79101
Ion Ratio Lower Upper
138 100
92 40.0 32.6 72.6
108 75.7 68.6 108.6

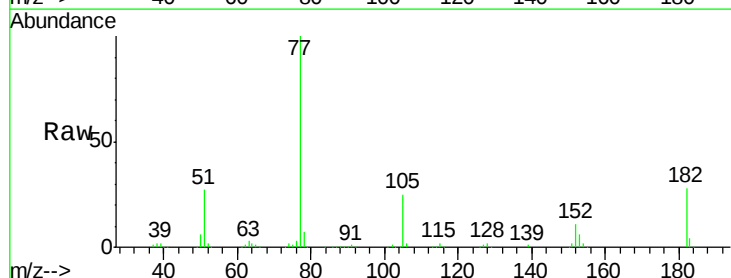


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

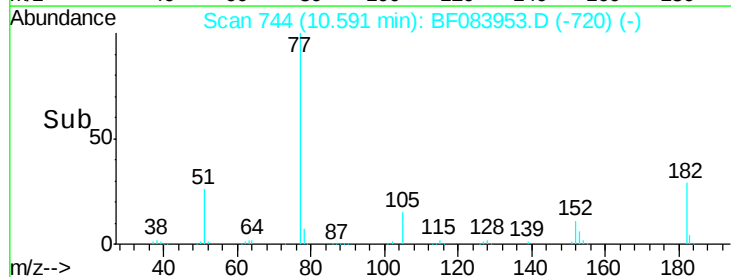
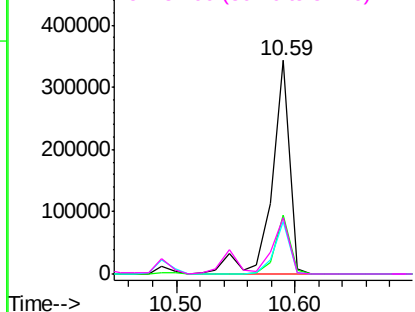


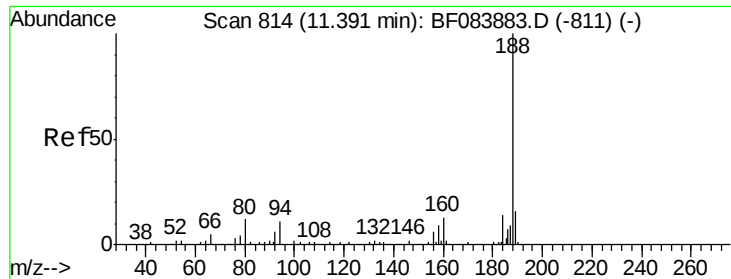
#62
Azobenzene
Concen: 44.52 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion: 77 Resp: 361473
Ion Ratio Lower Upper
77 100
182 27.5 8.3 48.3
105 24.8 4.6 44.6
51 26.6 6.2 46.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

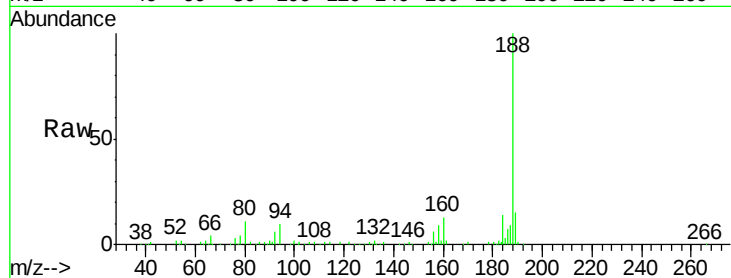




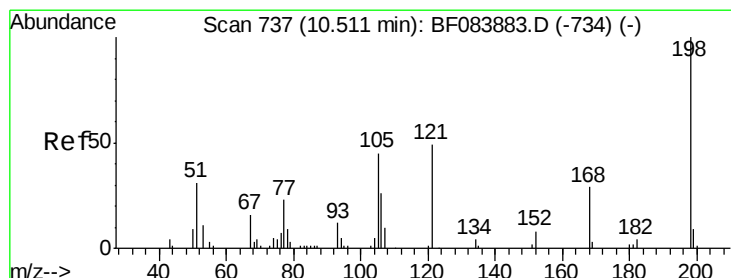
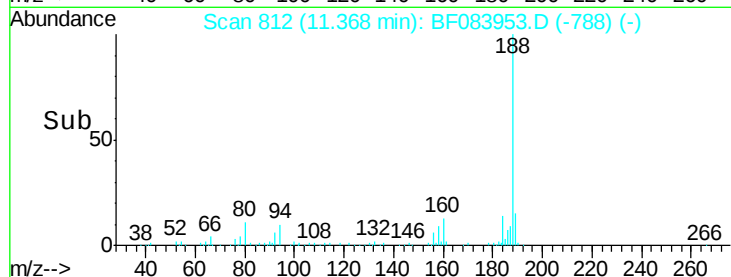
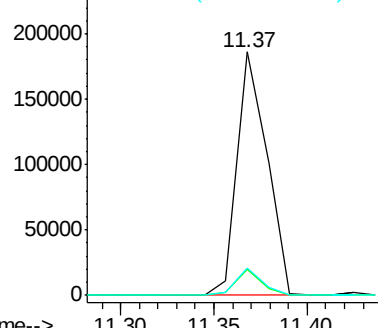
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tgt Ion:188 Resp: 206234
Ion Ratio Lower Upper
188 100
94 10.4 9.0 13.4
80 11.2 9.6 14.4

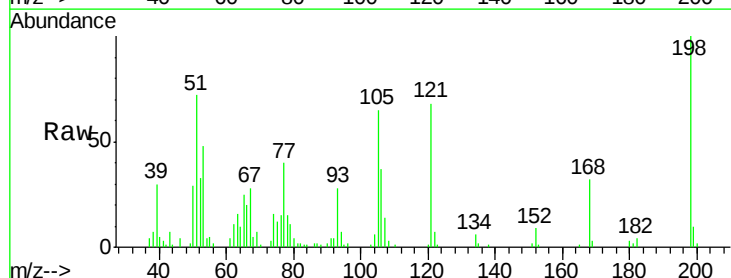


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

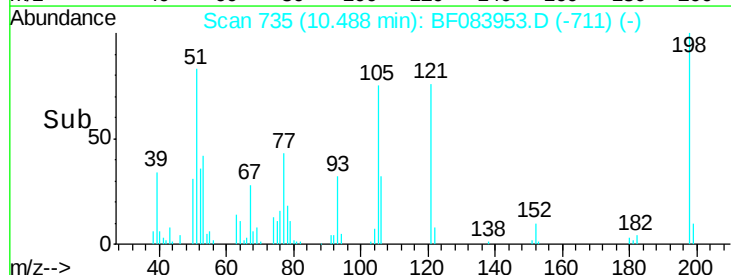
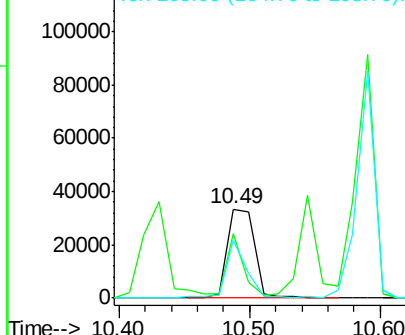


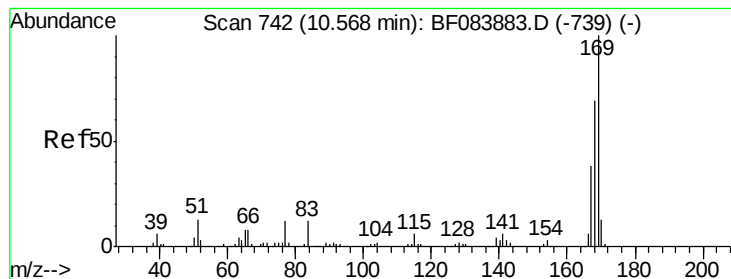
#64
4,6-Dinitro-2-methylphenol
Concen: 38.99 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:198 Resp: 48393
Ion Ratio Lower Upper
198 100
51 72.1 18.9 58.9#
105 65.3 26.4 66.4



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: 38.50 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB87185BS

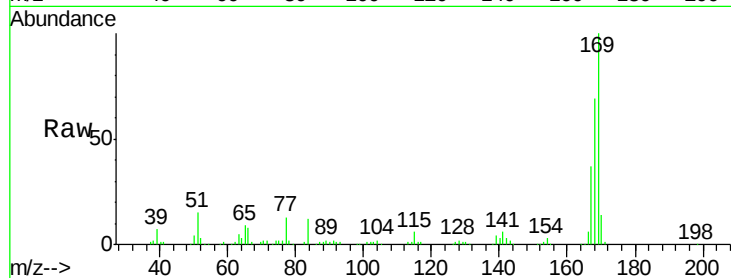
Tgt Ion:169 Resp: 288909

Ion Ratio Lower Upper

169 100

168 68.9 55.1 82.7

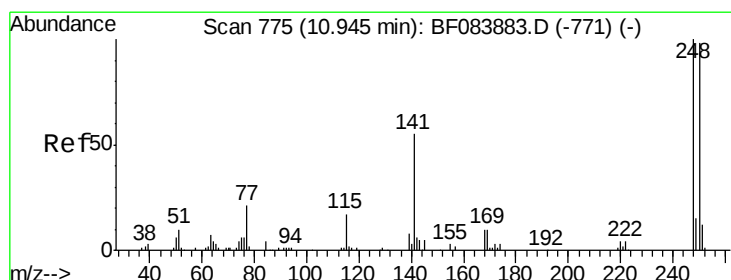
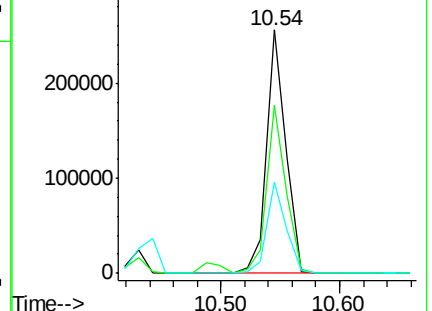
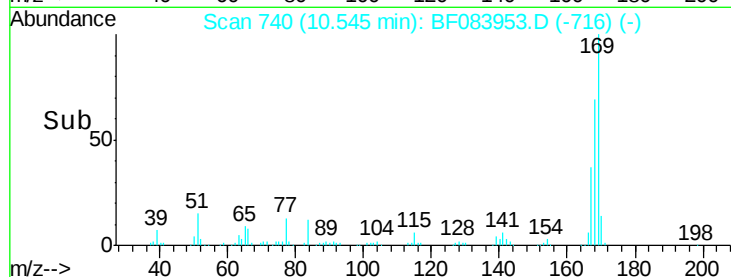
167 37.4 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.49 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

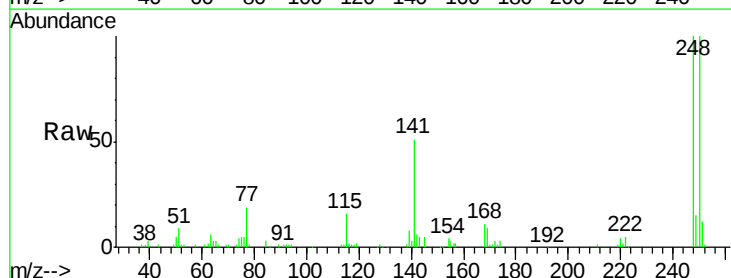
Tgt Ion:248 Resp: 94522

Ion Ratio Lower Upper

248 100

250 99.6 78.4 117.6

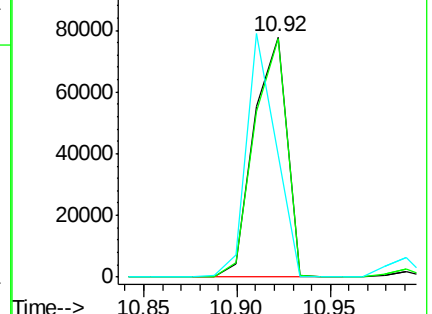
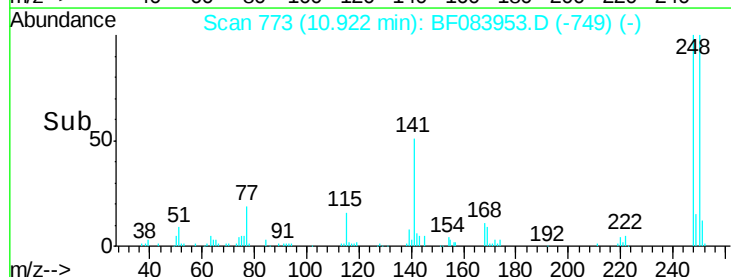
141 50.9 44.0 66.0

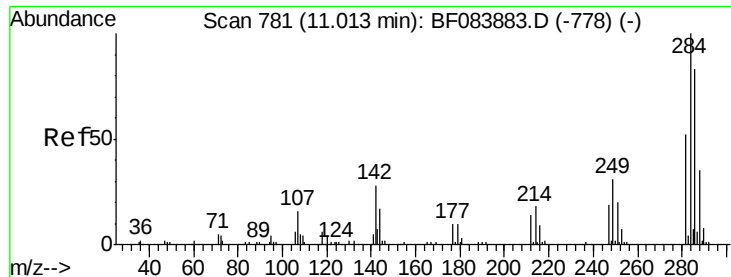


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

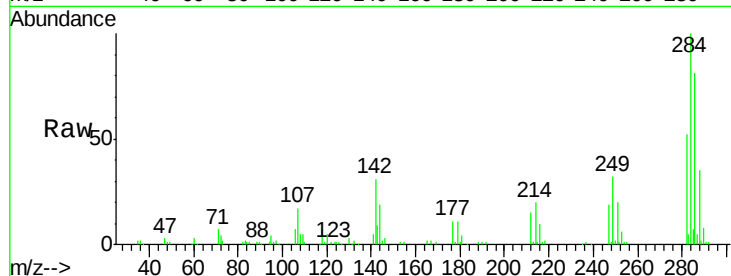




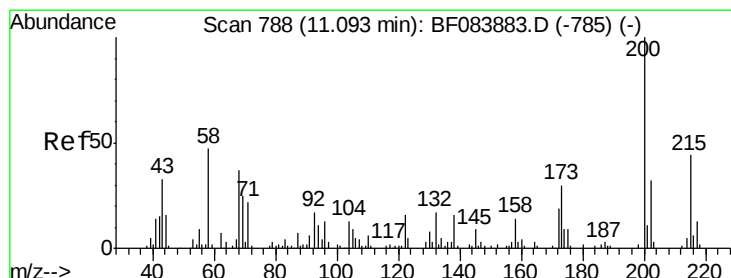
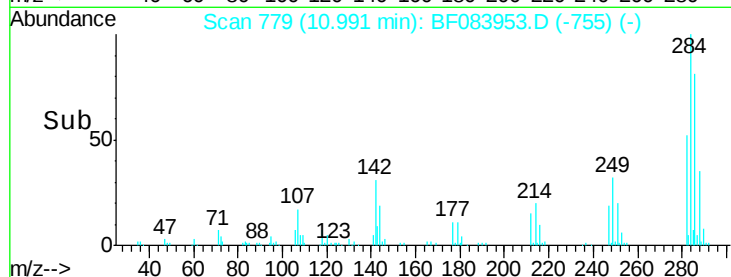
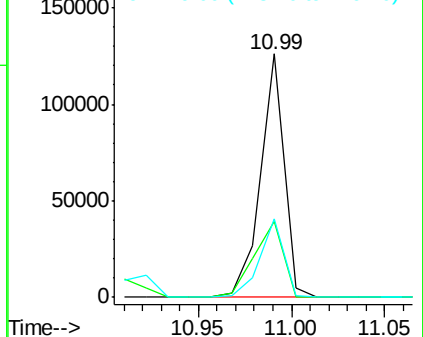
#67
Hexachlorobenzene
Concen: 41.39 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tgt Ion:284 Resp: 109881
Ion Ratio Lower Upper
284 100
142 31.3 22.2 33.4
249 32.3 24.6 37.0

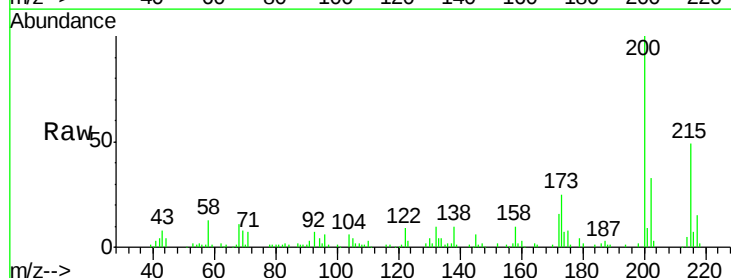


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

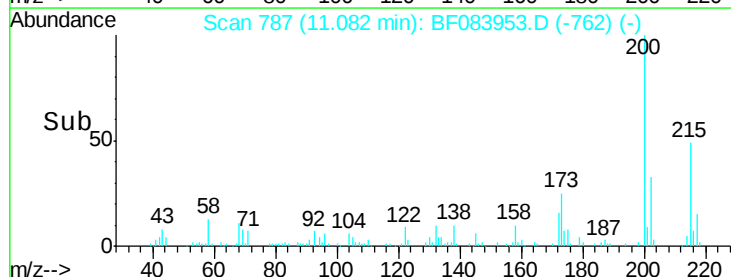
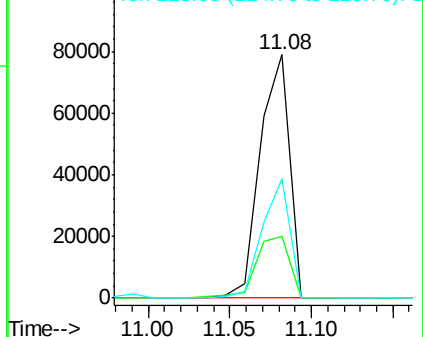


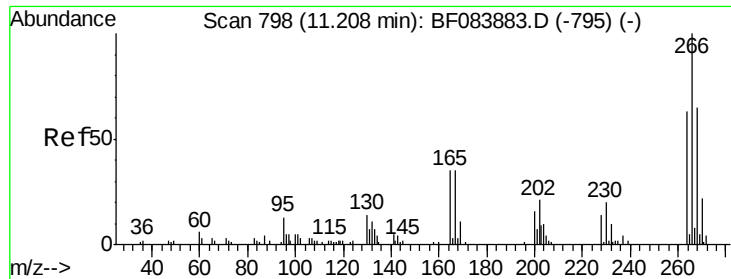
#68
Atrazine
Concen: 41.66 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:200 Resp: 99037
Ion Ratio Lower Upper
200 100
173 25.2 9.5 49.5
215 49.3 23.8 63.8



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

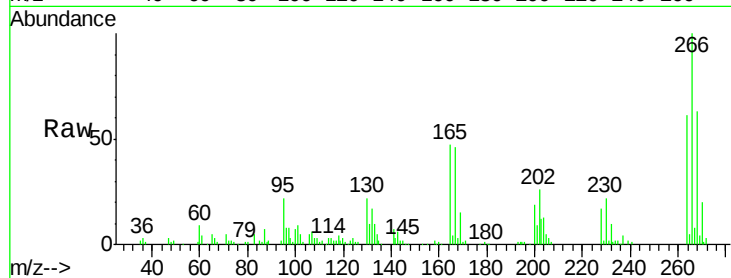




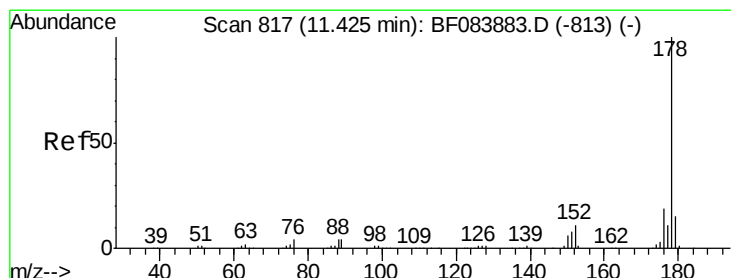
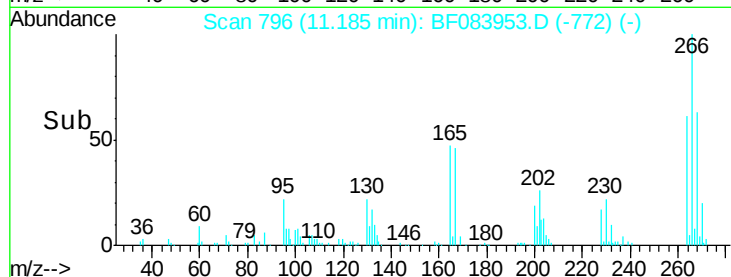
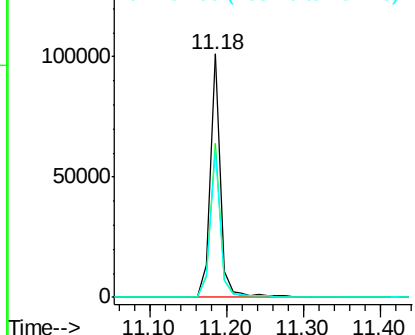
#69
 Pentachlorophenol
 Concen: 81.95 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tgt Ion:266 Resp: 92461
 Ion Ratio Lower Upper
 266 100
 268 63.4 52.4 78.6
 264 60.8 50.2 75.2

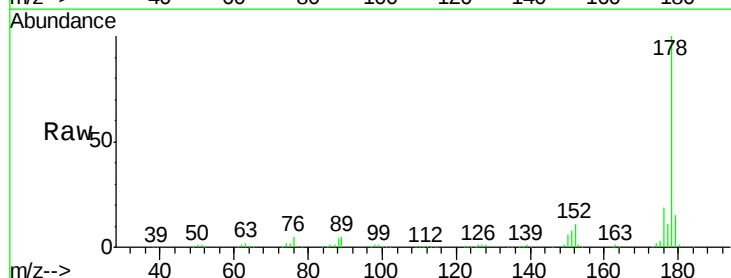


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

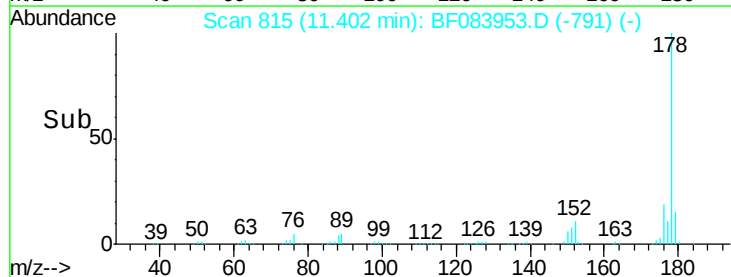
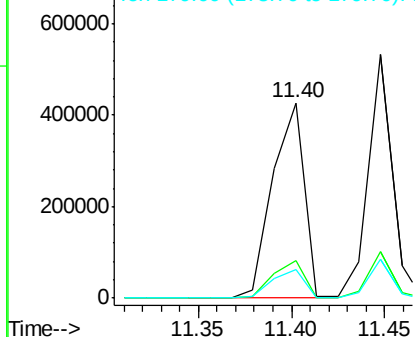


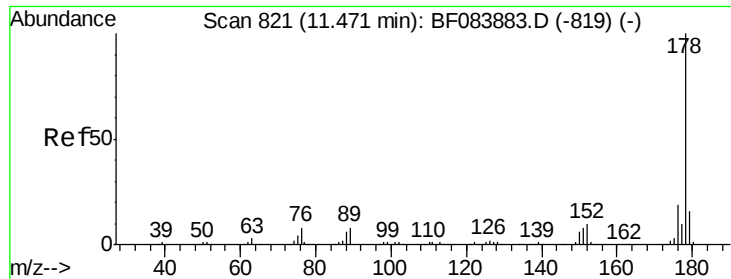
#70
 Phenanthrene
 Concen: 40.60 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion:178 Resp: 505910
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.3 22.9
 179 14.9 12.0 18.0



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

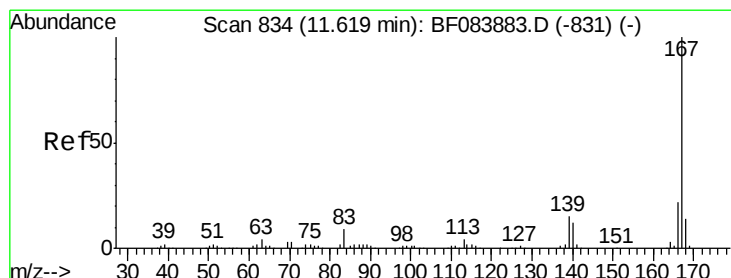
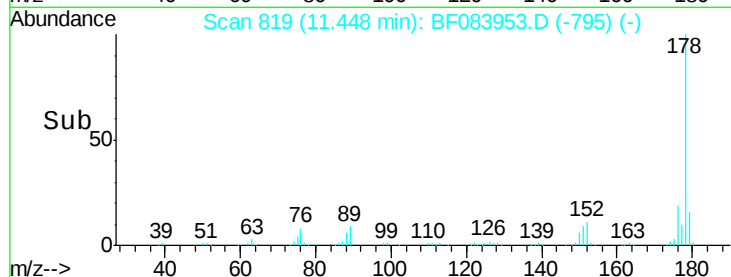
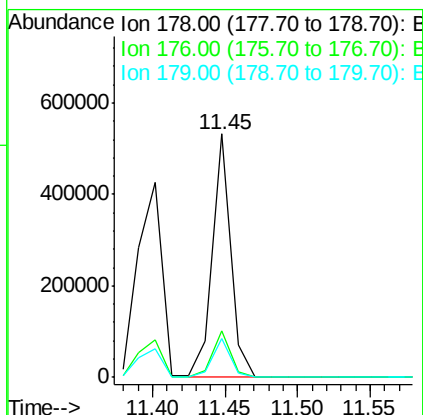
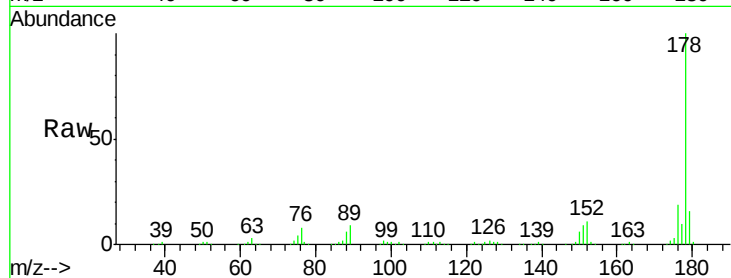




#71
 Anthracene
 Concen: 39.11 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

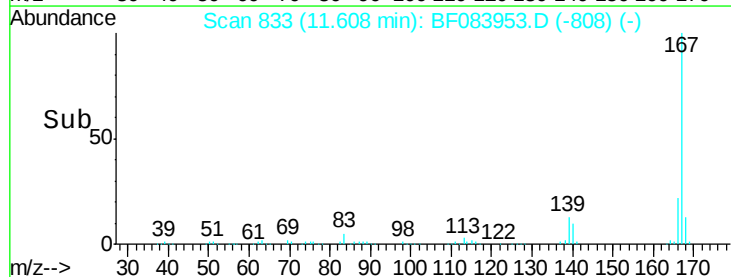
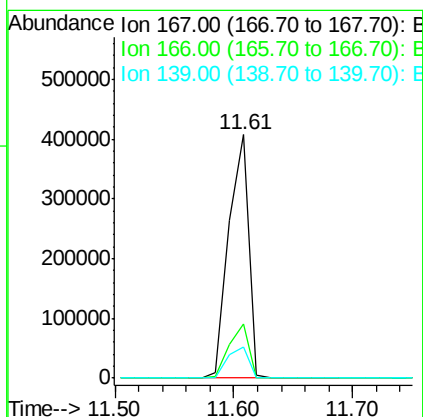
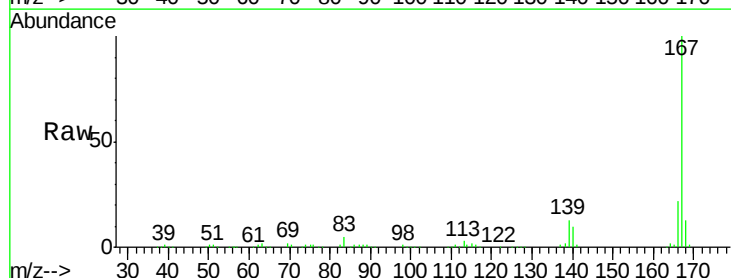
Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

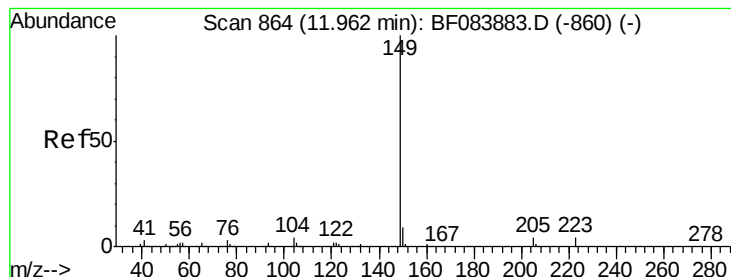
Tgt Ion:178 Resp: 471016
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 15.8 12.5 18.7



#72
 Carbazole
 Concen: 39.75 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion:167 Resp: 473055
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 12.9 11.8 17.8





#73

Di-n-butylphthalate

Concen: 44.39 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB87185BS

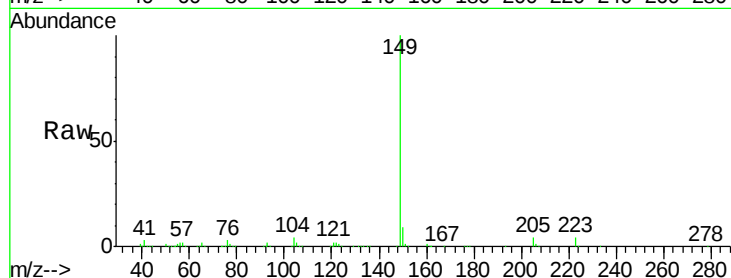
Tgt Ion:149 Resp: 620707

Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

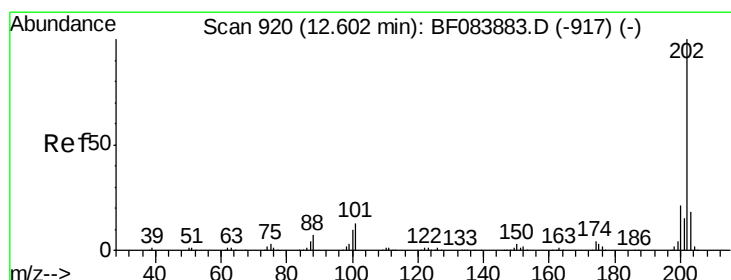
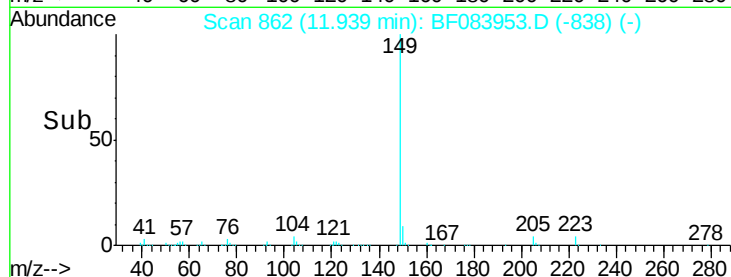
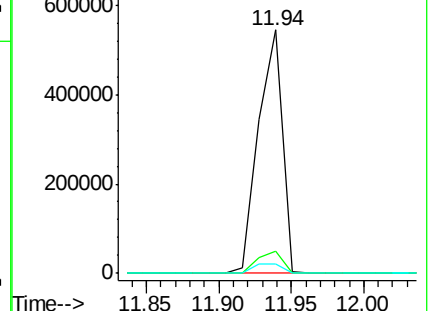
104 4.1 3.2 4.8



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: 37.90 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

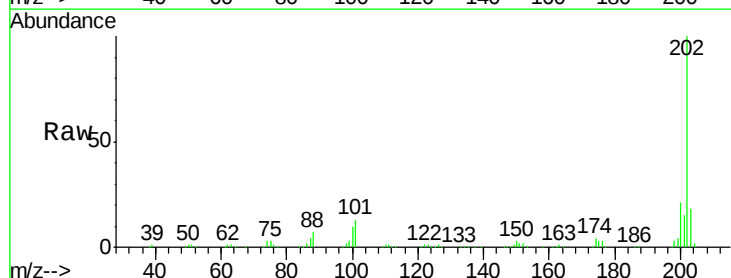
Tgt Ion:202 Resp: 471219

Ion Ratio Lower Upper

202 100

101 13.5 0.0 32.8

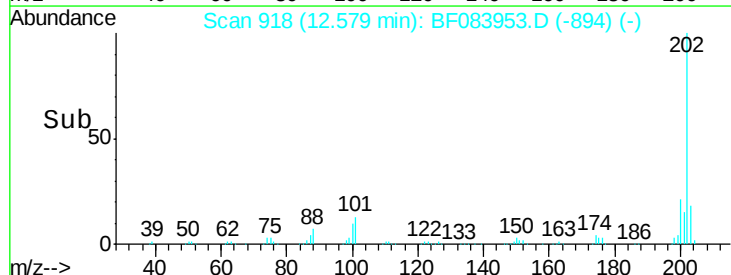
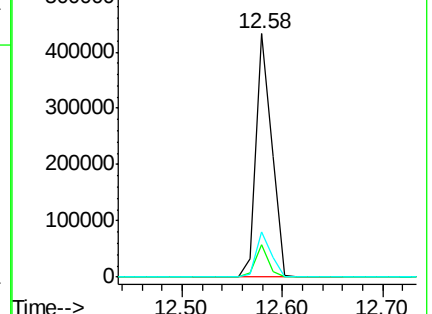
203 18.4 0.0 37.9

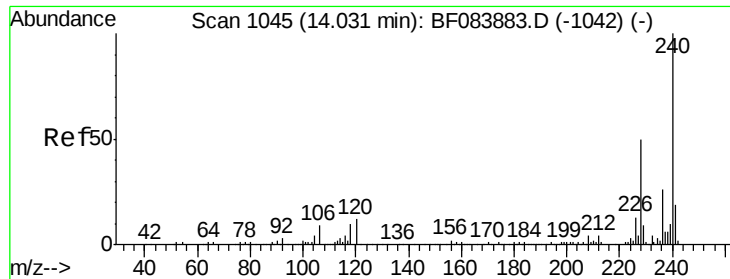


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

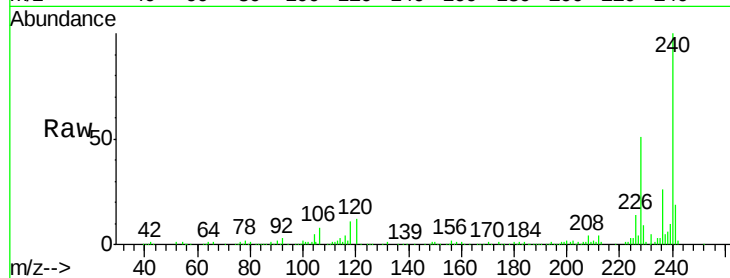




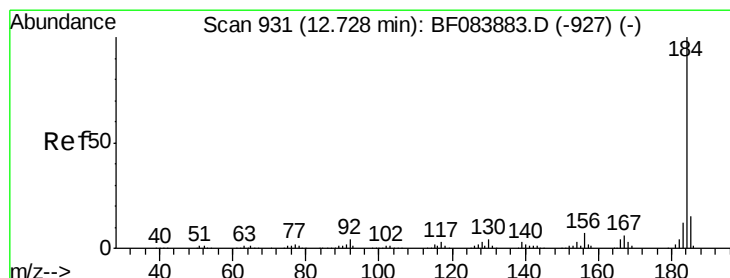
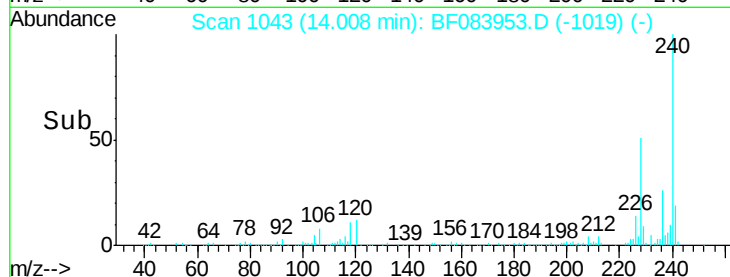
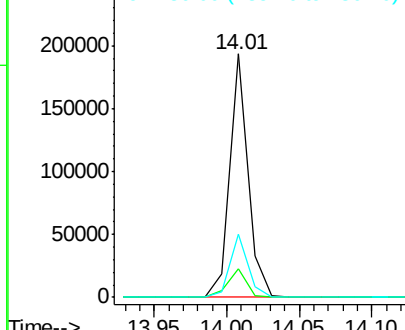
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tgt Ion:240 Resp: 169462
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.5 14.3
 236 26.1 20.6 31.0

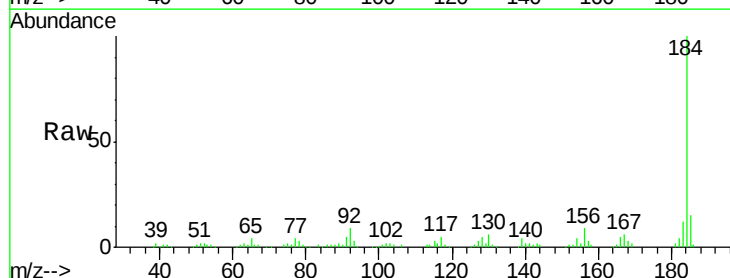


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

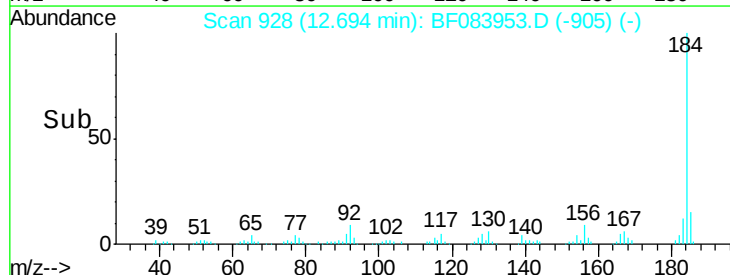
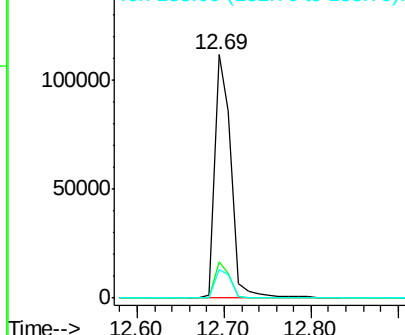


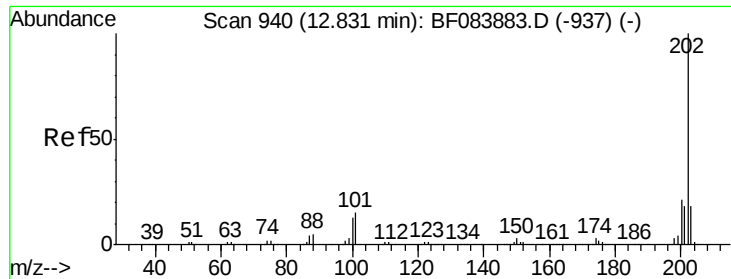
#76
 Benzidine
 Concen: 21.77 ng
 RT: 12.69 min Scan# 928
 Delta R.T. -0.03 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion:184 Resp: 147742
 Ion Ratio Lower Upper
 184 100
 185 14.6 12.2 18.2
 183 11.9 9.8 14.8



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E

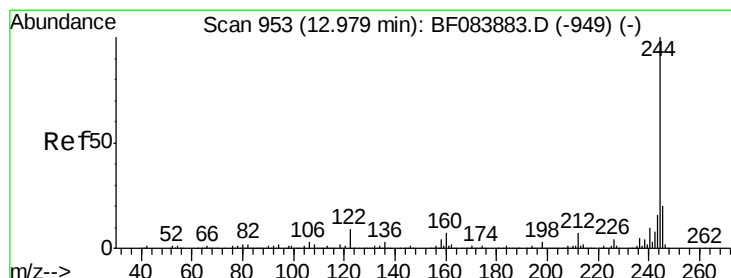
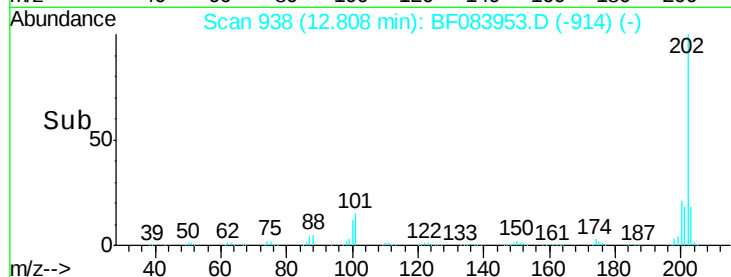
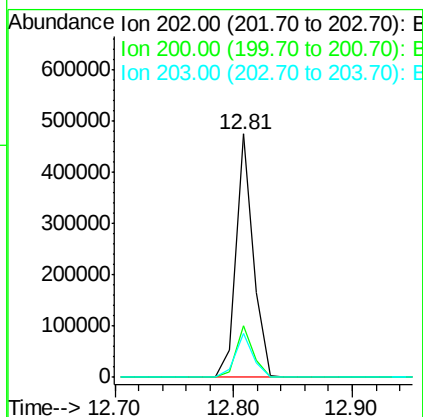
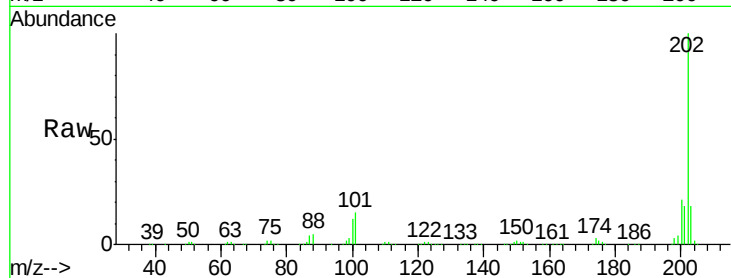




#77
Pyrene
 Concen: 44.55 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

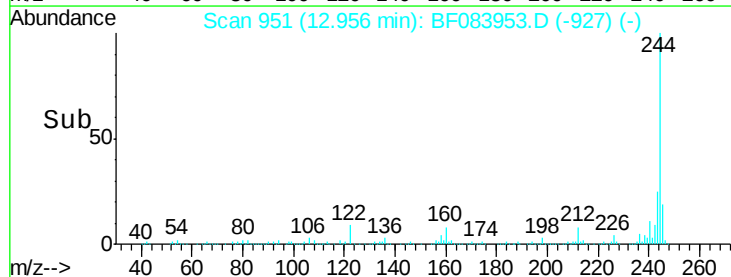
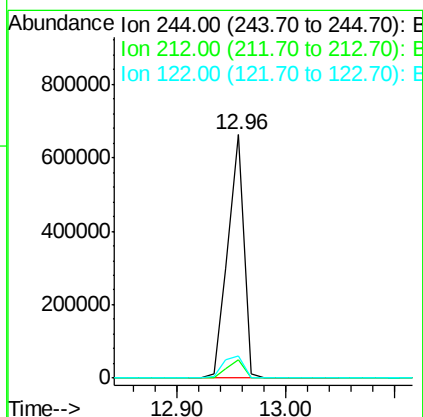
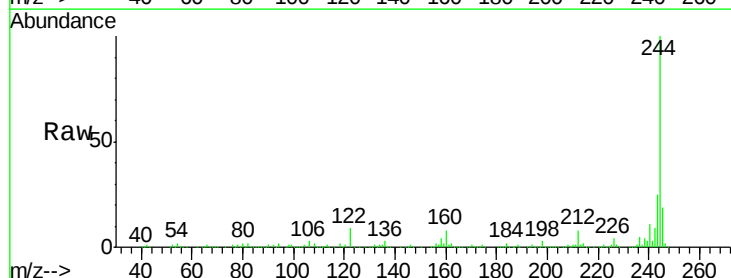
Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

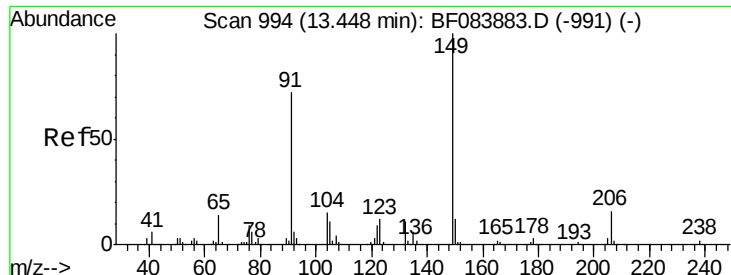
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	18.2	14.3	21.5



#78
Terphenyl-d14
 Concen: 94.10 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	9.3	7.4	11.0

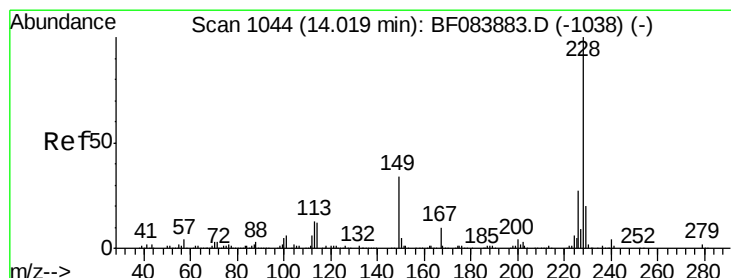
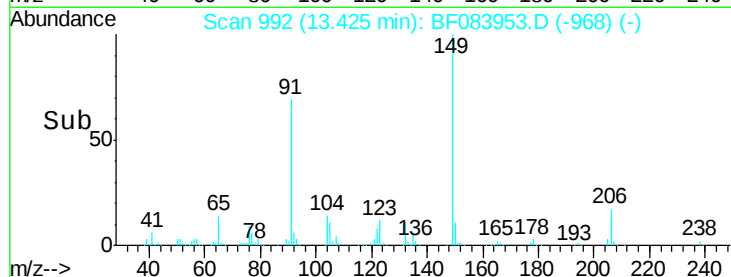
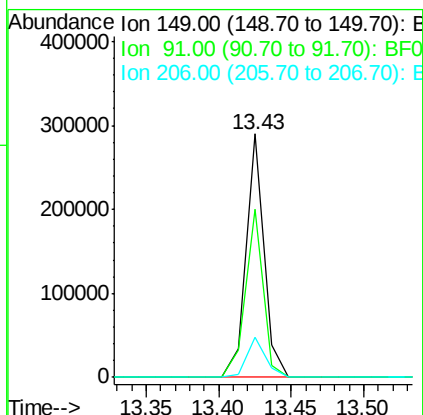
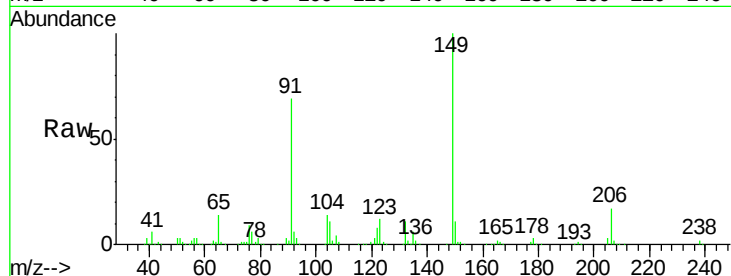




#79
Butylbenzylphthalate
Concen: 44.12 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

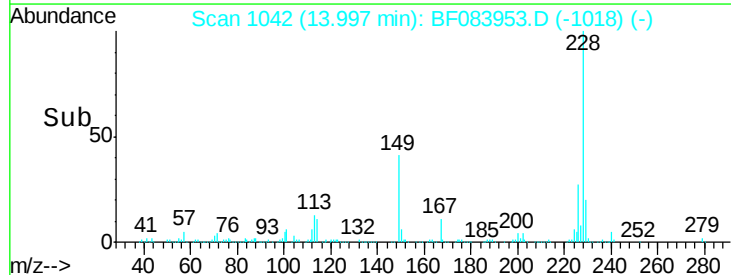
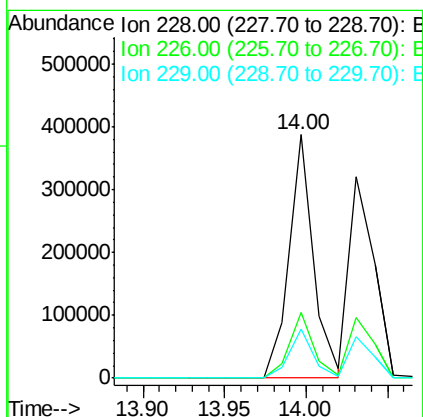
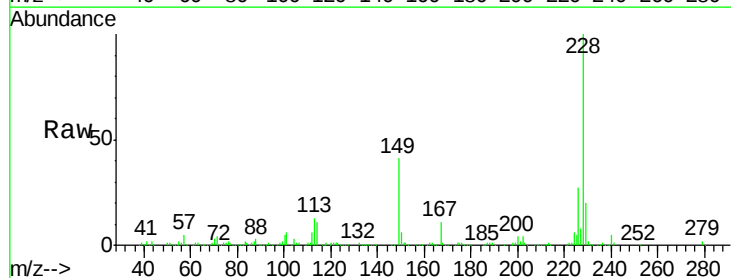
Instrument :
BNA_F
ClientSampleId :
PB87185BS

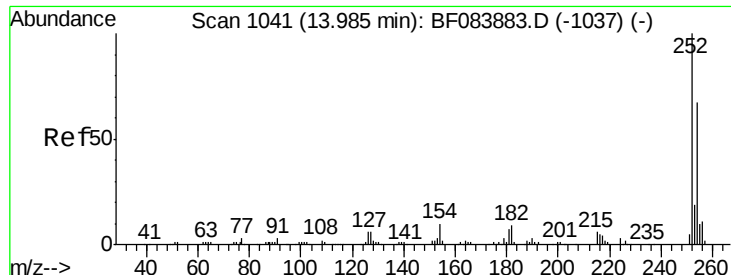
Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.9	57.6	86.4
206	16.5	13.2	19.8



#80
Benzo(a)anthracene
Concen: 38.92 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.6
229	20.0	15.8	23.8

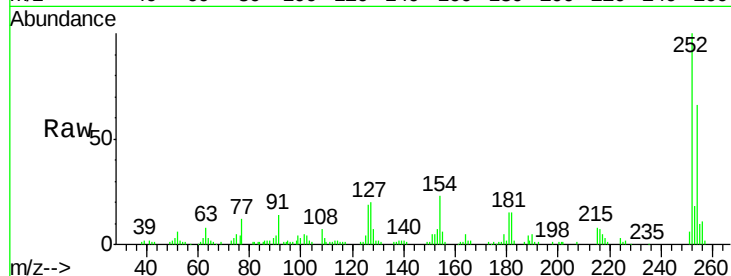




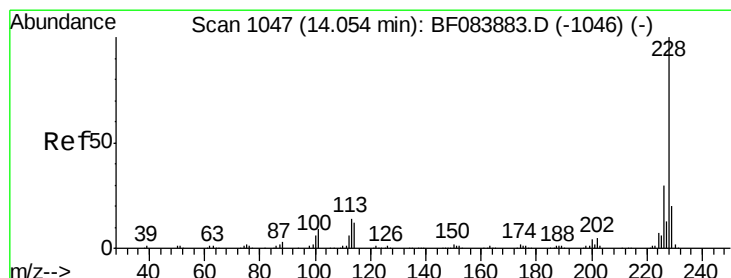
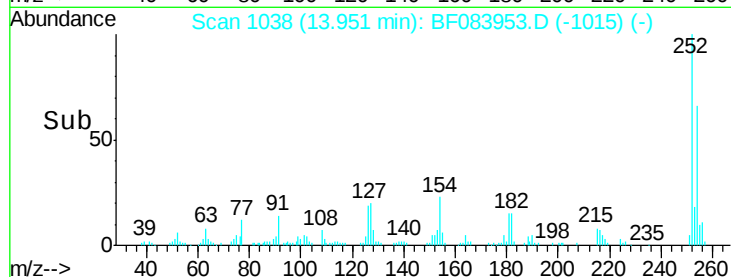
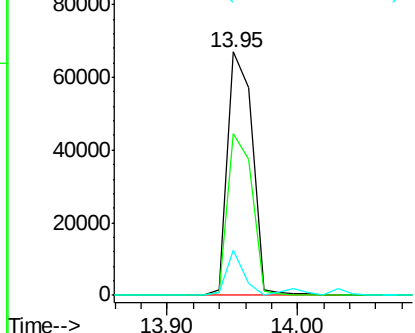
#81
 3,3'-Dichlorobenzidine
 Concen: 22.65 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tgt Ion:252 Resp: 88217
 Ion Ratio Lower Upper
 252 100
 254 66.5 53.5 80.3
 126 18.8 4.9 7.3#

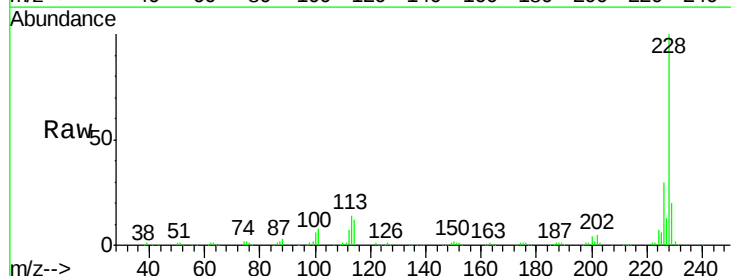


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

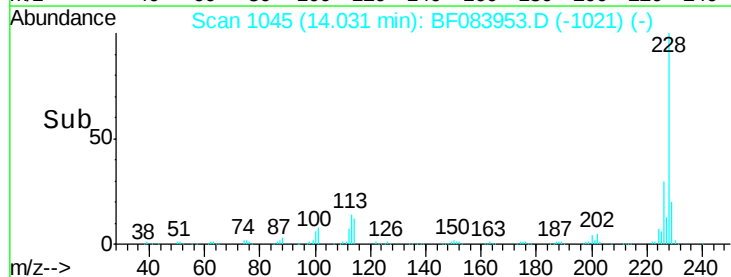
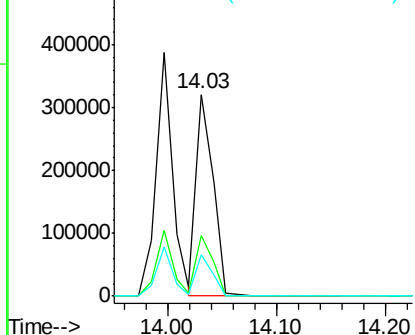


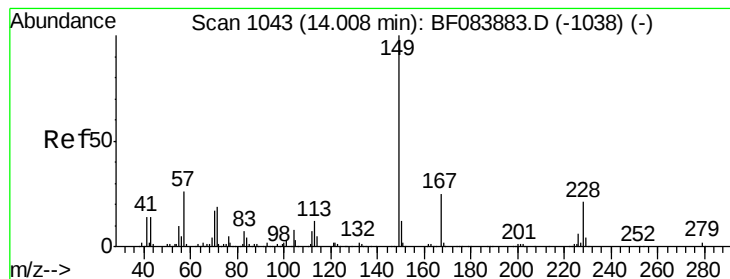
#82
 Chrysene
 Concen: 34.92 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion:228 Resp: 351509
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.3 36.5
 229 20.3 16.1 24.1



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: 44.83 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB87185BS

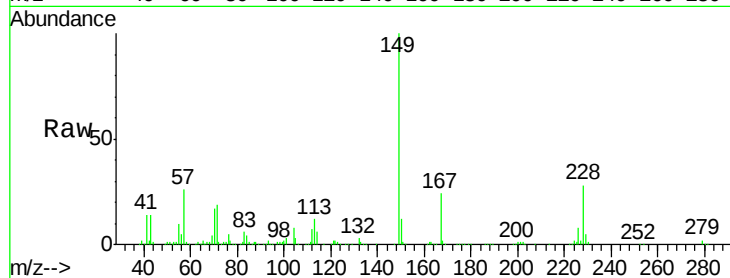
Tgt Ion:149 Resp: 337660

Ion Ratio Lower Upper

149 100

167 24.4 19.7 29.5

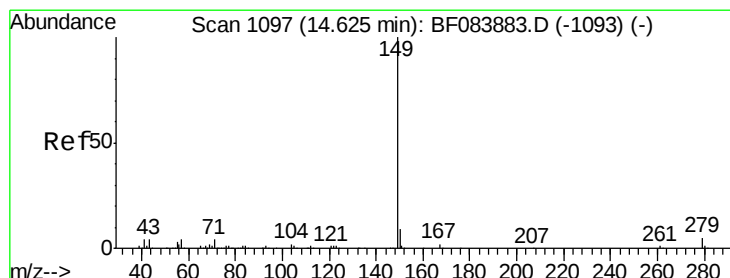
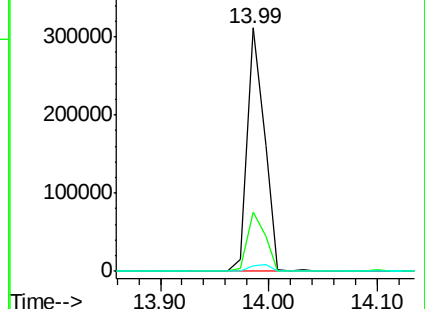
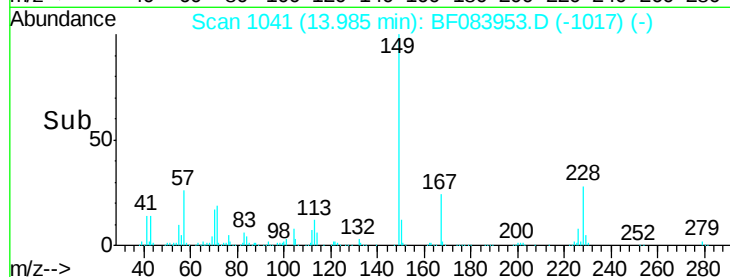
279 2.3 1.8 2.6



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: 47.89 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

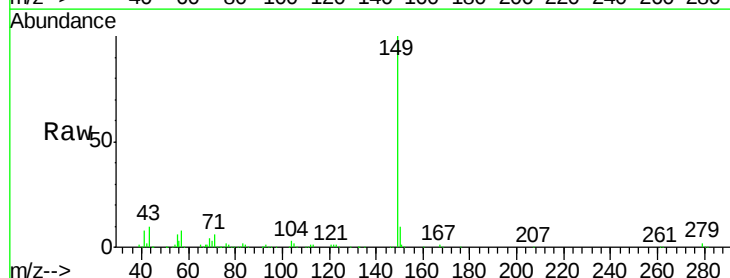
Tgt Ion:149 Resp: 564482

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

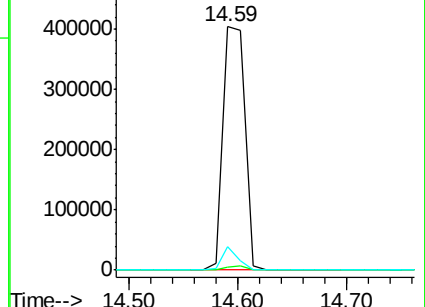
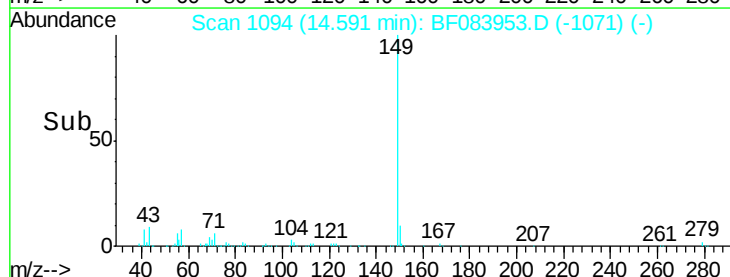
43 6.9 5.6 8.4

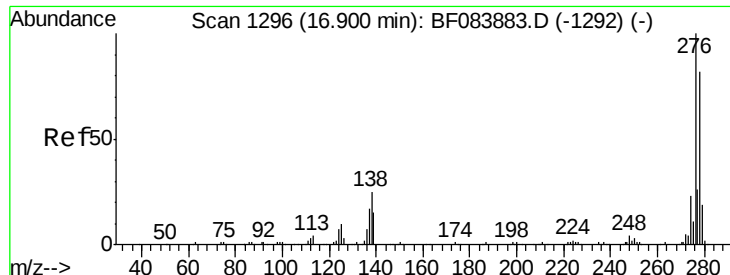


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

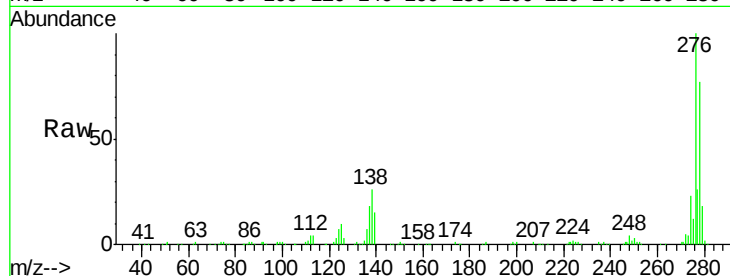




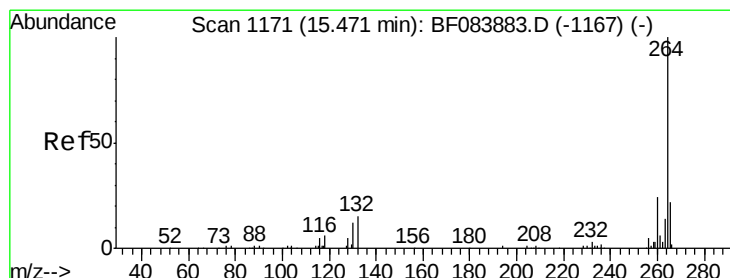
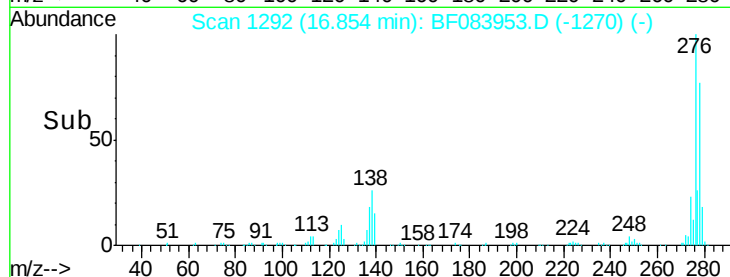
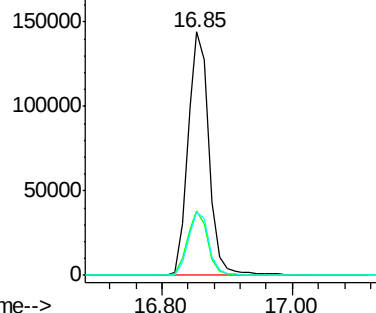
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.21 ng
 RT: 16.85 min Scan# 1292
 Delta R.T. -0.05 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tgt Ion: 276 Resp: 325222
 Ion Ratio Lower Upper
 276 100
 138 25.7 20.6 30.8
 277 25.5 20.1 30.1

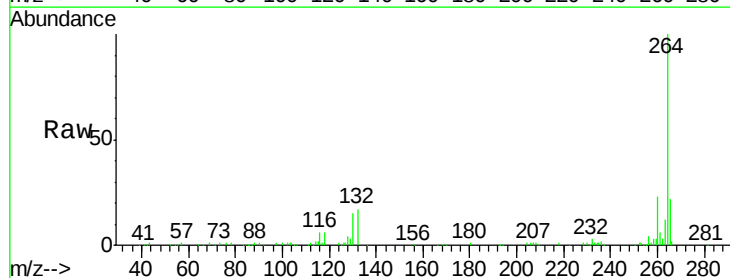


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

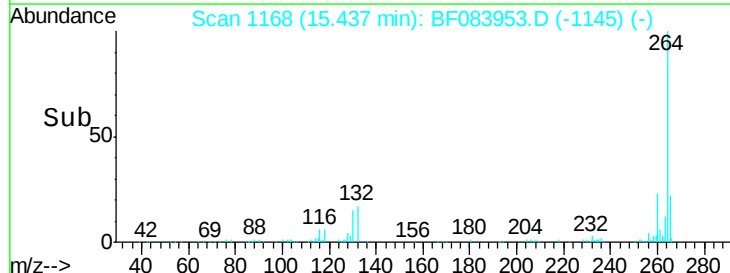
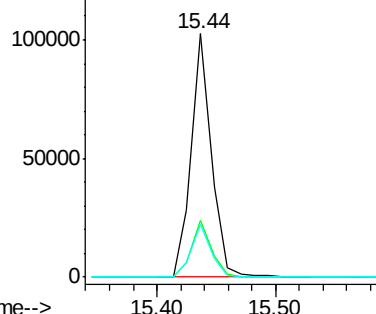


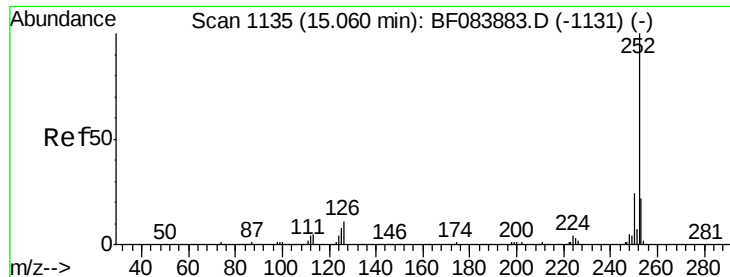
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.03 min
 Lab File: BF083953.D
 Acq: 19 Dec 2015 14:39

Tgt Ion: 264 Resp: 120408
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.6 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

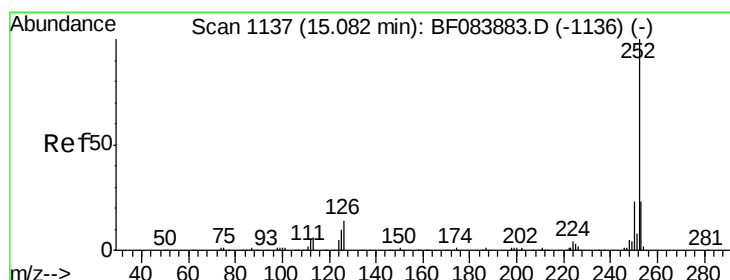
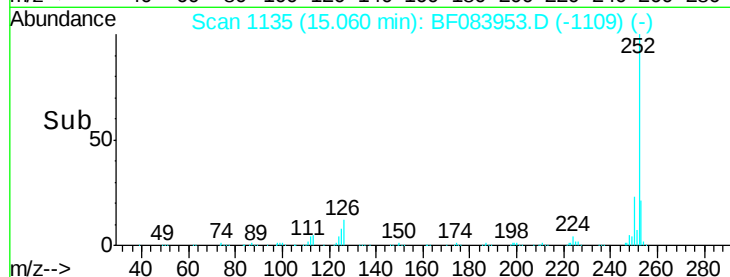
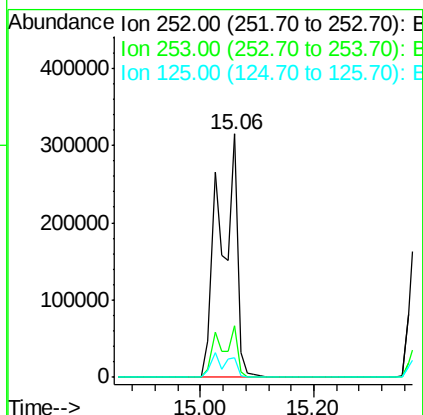
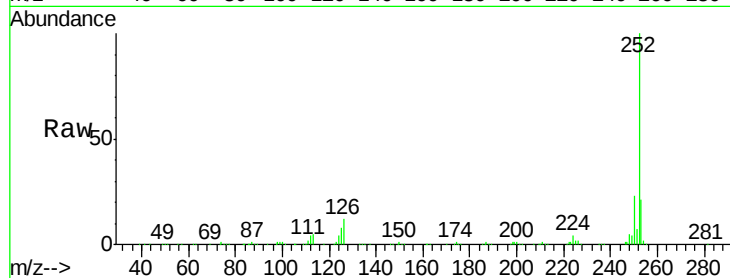




#87
Benzo(b)fluoranthene
Concen: 77.10 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

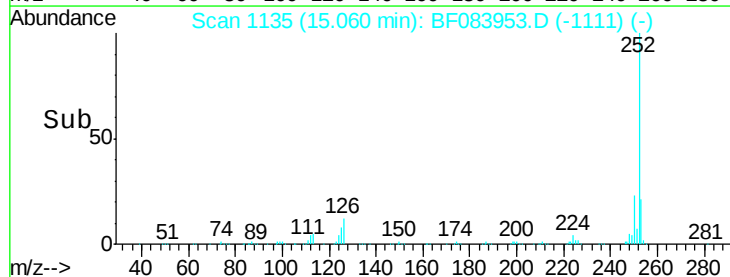
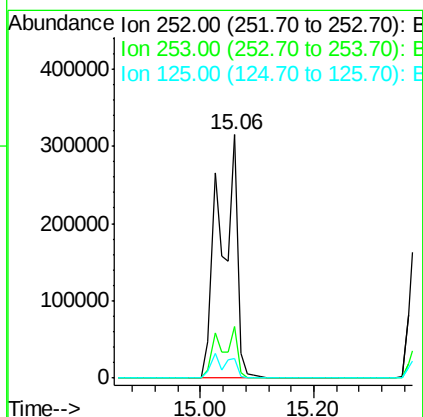
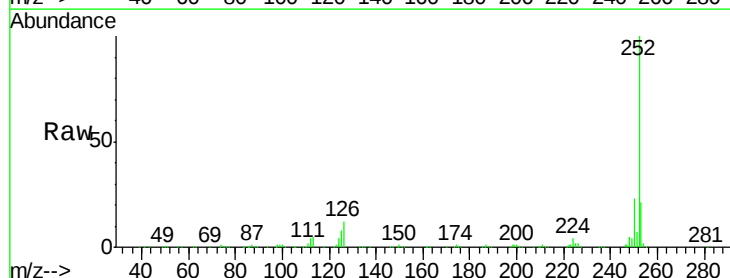
Instrument :
BNA_F
ClientSampleId :
PB87185BS

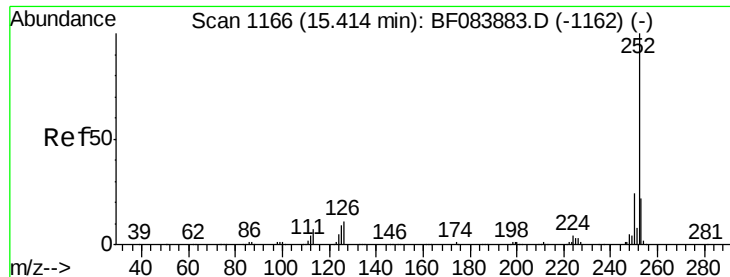
Tgt Ion:252 Resp: 676812
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 7.9 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 93.46 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF083953.D
Acq: 19 Dec 2015 14:39

Tgt Ion:252 Resp: 676812
Ion Ratio Lower Upper
252 100
253 21.3 18.1 27.1
125 7.9 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 42.33 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.03 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB87185BS

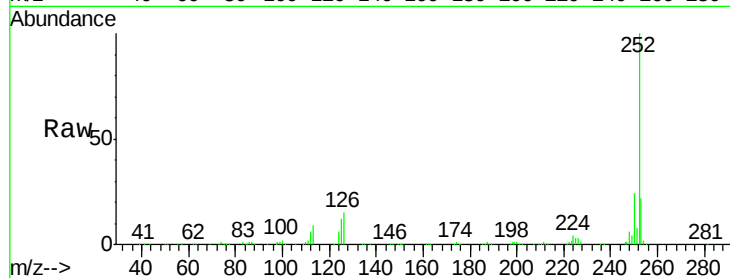
Tgt Ion:252 Resp: 306880

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

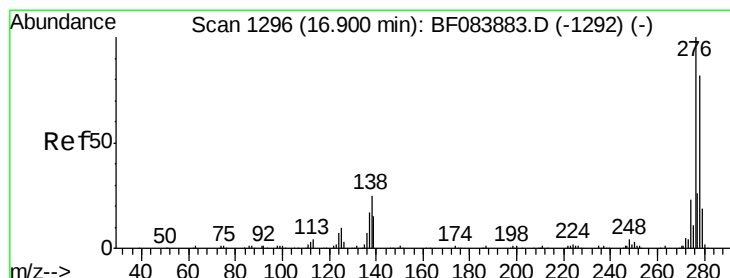
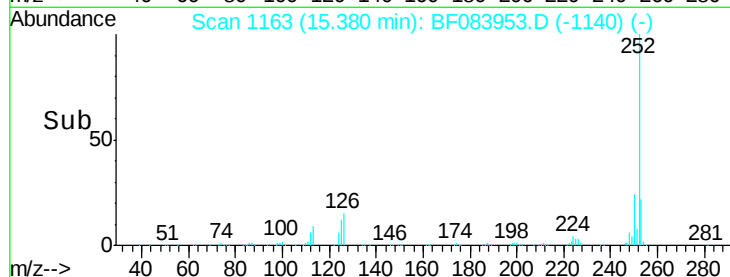
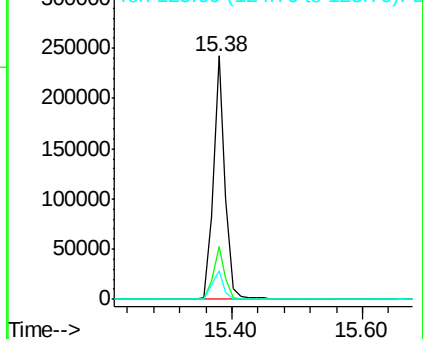
125 11.8 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.55 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF083953.D

Acq: 19 Dec 2015 14:39

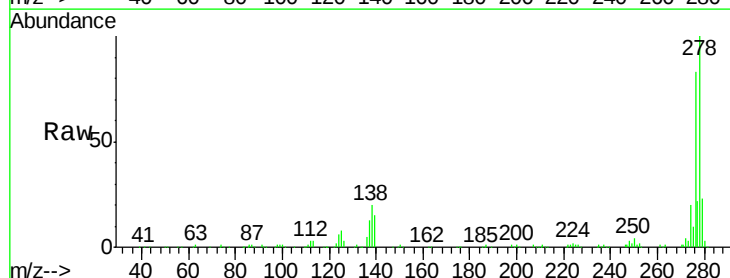
Tgt Ion:278 Resp: 273814

Ion Ratio Lower Upper

278 100

139 14.8 15.0 22.4#

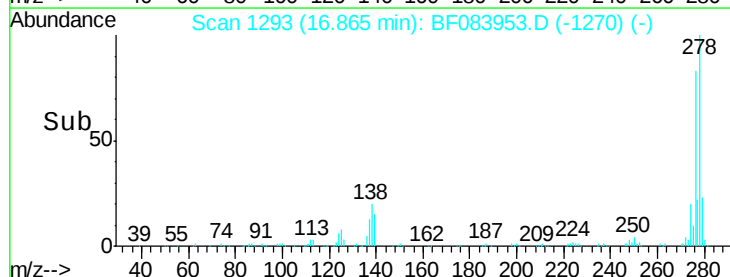
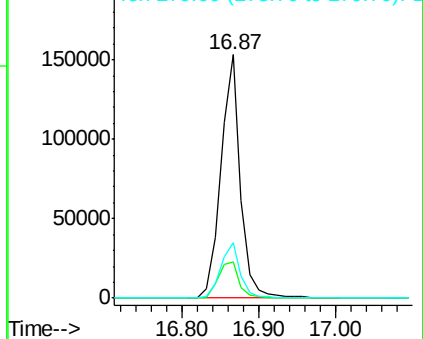
279 22.7 18.9 28.3

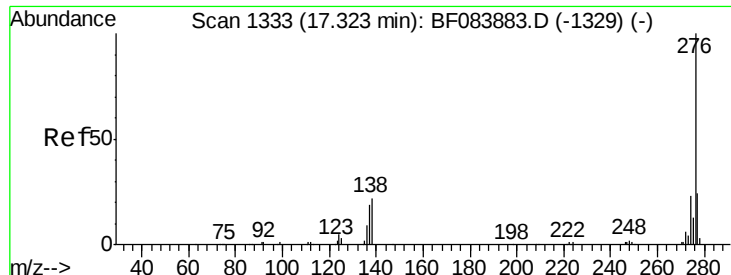


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 49.19 ng

RT: 17.28 min Scan# 1329

Delta R.T. -0.05 min

Lab File: BF083953.D

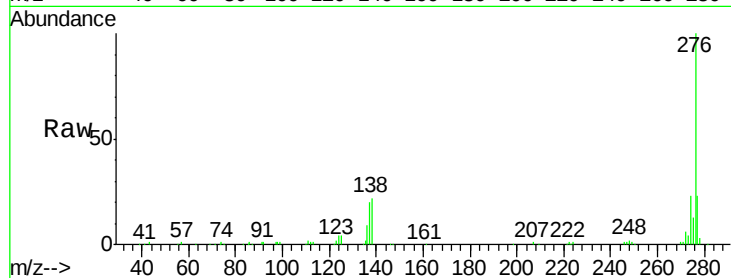
Acq: 19 Dec 2015 14:39

Instrument :

BNA_F

ClientSampleId :

PB87185BS



Tgt Ion: 276 Resp: 271873

Ion Ratio Lower Upper

276 100

277 22.7 18.8 28.2

138 21.8 17.8 26.6

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

