

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
 Data File : BF083913.D
 Acq On : 18 Dec 2015 15:21
 Operator : UM/SJ
 Sample : PB87340BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

Quant Time: Dec 19 04:14:45 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	6.86	152	52474	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	210564	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	98452	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	191072	20.00	ng	0.00
75) Chrysene-d12	14.03	240	164135	20.00	ng	0.00
86) Perylene-d12	15.47	264	117746	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	365238	108.93	ng	0.01
7) Phenol-d6	6.52	99	493715	120.29	ng	0.01
23) Nitrobenzene-d5	7.44	82	320545	86.88	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	147232	135.75	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	592494	84.41	ng	-0.01
78) Terphenyl-d14	12.98	244	651254	93.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	42449	29.18	ng	97
3) Pyridine	3.29	79	112242	31.21	ng	99
4) n-Nitrosodimethylamine	3.23	42	56630	41.28	ng	96
6) Aniline	6.53	93	127659	24.15	ng	# 48
8) 2-Chlorophenol	6.66	128	157904	39.57	ng	92
9) Benzaldehyde	6.41	77	50898	20.58	ng	94
10) Phenol	6.53	94	171170	37.38	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	125727	36.14	ng	95
12) 1,3-Dichlorobenzene	6.89	146	165359	38.53	ng	99
13) 1,4-Dichlorobenzene	6.81	146	162367	37.06	ng	96
14) 1,2-Dichlorobenzene	7.04	146	146312	41.12	ng	97
15) Benzyl Alcohol	7.01	79	131660	42.39	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.15	45	130090	36.26	ng	98
17) 2-Methylphenol	7.14	107	118173	37.75	ng	93
18) Hexachloroethane	7.38	117	59498	37.01	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	101472	42.41	ng	93
20) 3+4-Methylphenols	7.29	107	153239	41.66	ng	# 58
22) Acetophenone	7.28	105	205260	40.49	ng	95
24) Nitrobenzene	7.45	77	137454	36.03	ng	97
25) Isophorone	7.69	82	264888	38.16	ng	100
26) 2-Nitrophenol	7.77	139	79040	40.02	ng	# 87
27) 2,4-Dimethylphenol	7.81	122	143913	42.30	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	170832	41.60	ng	98
29) 2,4-Dichlorophenol	8.02	162	132784	43.02	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	128827	38.86	ng	96
31) Naphthalene	8.18	128	439821	41.28	ng	99
32) Benzoic acid	7.95	122	74341	55.79	ng	96
33) 4-Chloroaniline	8.22	127	79390	16.61	ng	# 92
34) Hexachlorobutadiene	8.29	225	71857	34.71	ng	99
35) Caprolactam	8.59	113	29381	28.81	ng	97
36) 4-Chloro-3-methylphenol	8.72	107	142507	40.74	ng	93
37) 2-Methylnaphthalene	8.86	142	293350	40.08	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	127588	41.10	ng	99
40) Hexachlorocyclopentadiene	9.02	237	65539	65.71	ng	98

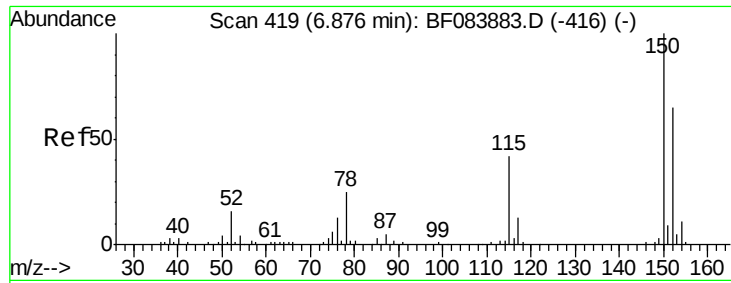
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	87896	42.88	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	91086	44.91	ng #	93
45) 1,1'-Biphenyl	9.33	154	387097	46.92	ng	97
46) 2-Chloronaphthalene	9.36	162	280859	43.35	ng	95
47) 2-Nitroaniline	9.45	65	72878	37.43	ng	90
48) Acenaphthylene	9.77	152	426838	37.19	ng	99
49) Dimethylphthalate	9.63	163	332048	40.19	ng #	90
50) 2,6-Dinitrotoluene	9.70	165	74110	41.12	ng #	85
51) Acenaphthene	9.94	154	301587	42.74	ng	99
52) 3-Nitroaniline	9.86	138	42178	22.21	ng	96
53) 2,4-Dinitrophenol	9.97	184	62576	94.56	ng #	82
54) Dibenzofuran	10.11	168	384573	41.96	ng #	88
55) 4-Nitrophenol	10.04	139	106244	89.59	ng	87
56) 2,4-Dinitrotoluene	10.10	165	97754	42.32	ng	98
57) Fluorene	10.45	166	302146	43.23	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	65264	43.49	ng	89
59) Diethylphthalate	10.33	149	340495	39.87	ng	95
60) 4-Chlorophenyl-phenylether	10.45	204	137641	39.18	ng #	87
61) 4-Nitroaniline	10.48	138	68532	34.87	ng	98
62) Azobenzene	10.60	77	328606	45.90	ng	88
64) 4,6-Dinitro-2-methylphenol	10.51	198	48475	41.84	ng	85
65) n-Nitrosodiphenylamine	10.57	169	280742	40.38	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	85379	36.55	ng #	70
67) Hexachlorobenzene	11.01	284	102564	41.70	ng #	91
68) Atrazine	11.09	200	82788	37.59	ng	98
69) Pentachlorophenol	11.21	266	91003	86.76	ng	98
70) Phenanthrene	11.41	178	430943	37.33	ng	99
71) Anthracene	11.47	178	491473	44.04	ng	99
72) Carbazole	11.62	167	415900	37.72	ng	100
73) Di-n-butylphthalate	11.95	149	532736	41.12	ng #	97
74) Fluoranthene	12.60	202	456894	39.66	ng	100
76) Benzidine	12.72	184	157222	23.92	ng	99
77) Pyrene	12.83	202	456714	43.81	ng	99
79) Butylbenzylphthalate	13.45	149	237490	43.47	ng	98
80) Benzo(a)anthracene	14.02	228	394822	39.12	ng	100
81) 3,3'-Dichlorobenzidine	13.97	252	87016	23.07	ng #	94
82) Chrysene	14.05	228	347016	35.60	ng	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	311800	42.74	ng	100
84) Di-n-octyl phthalate	14.63	149	512310	44.88	ng	99
85) Indeno(1,2,3-cd)pyrene	16.91	276	287862	39.49	ng	99
87) Benzo(h)fluoranthene	15.08	252	650033	75.72	ng #	96
88) Benzo(k)fluoranthene	15.08	252	650033	91.79	ng	99
89) Benzo(a)pyrene	15.41	252	298130	42.06	ng	98
90) Dibenzo(a,h)anthracene	16.91	278	238937	43.33	ng	98
91) Benzo(g,h,i)perylene	17.33	276	241153	44.62	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

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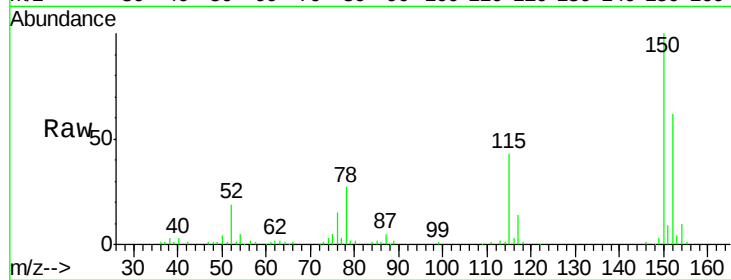
Tgt Ion:152 Resp: 52474

Ion Ratio Lower Upper

152 100

150 160.4 123.0 184.4

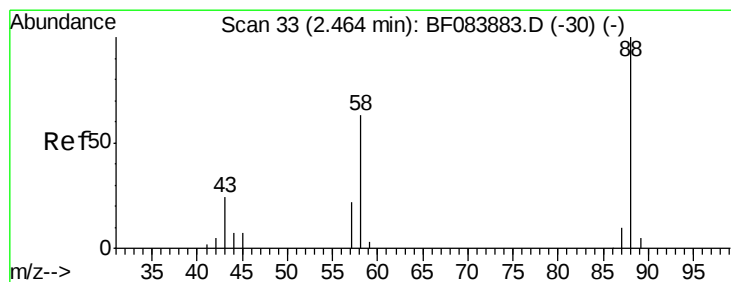
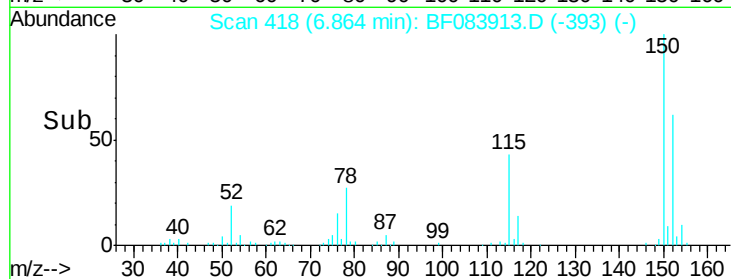
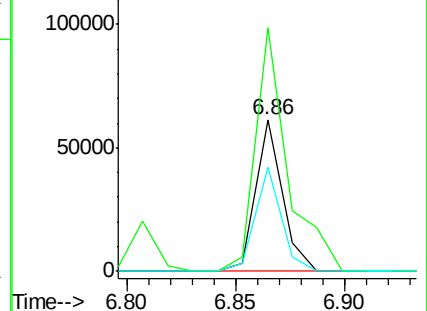
115 68.5 51.4 77.2



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: 29.18 ng

RT: 2.56 min Scan# 41

Delta R.T. 0.09 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

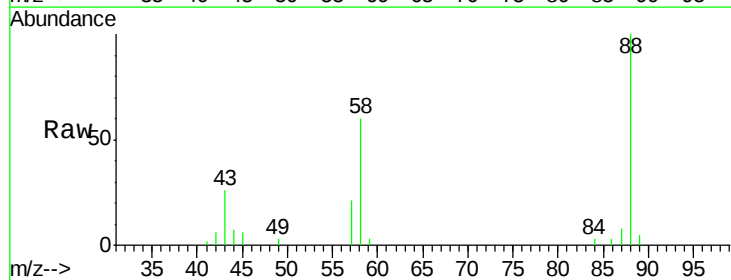
Tgt Ion: 88 Resp: 42449

Ion Ratio Lower Upper

88 100

58 66.0 51.2 76.8

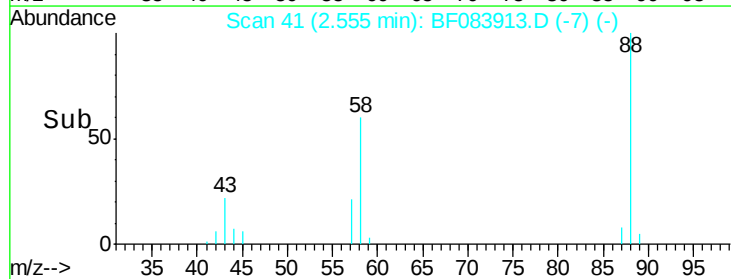
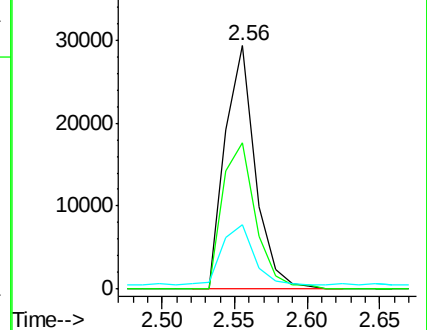
43 26.6 19.5 29.3

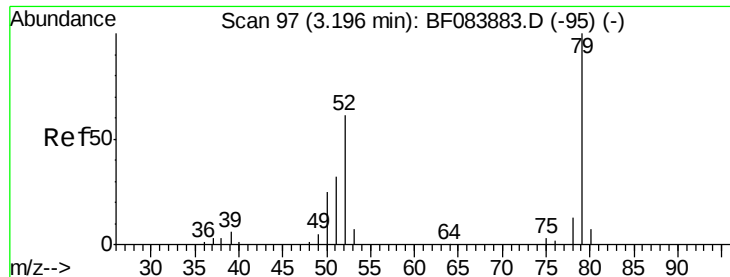


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.21 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.09 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

ClientSampleId :

PB87340BS

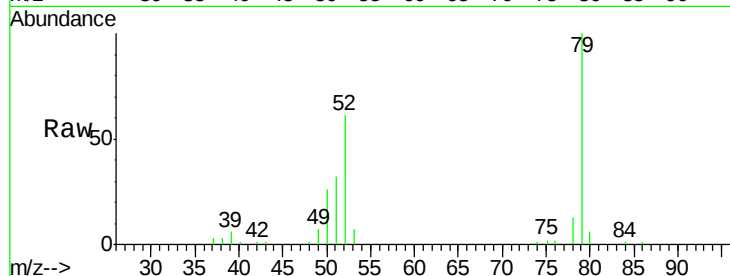
Tgt Ion: 79 Resp: 112242

Ion Ratio Lower Upper

79 100

52 61.4 49.0 73.4

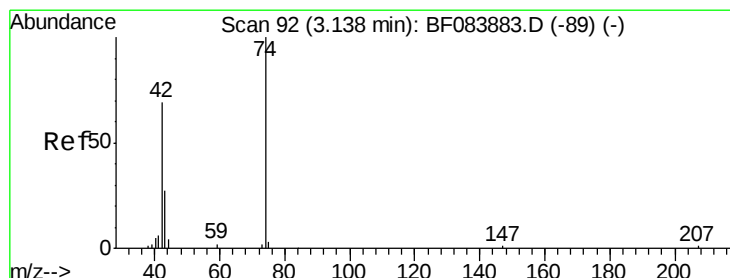
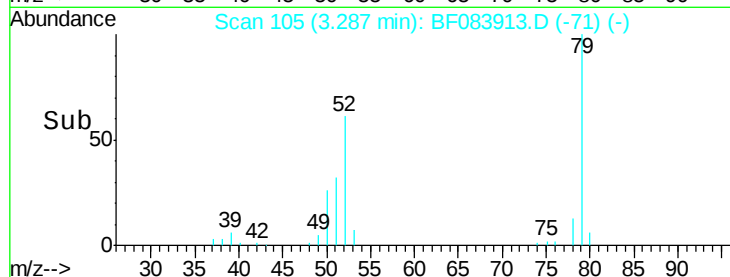
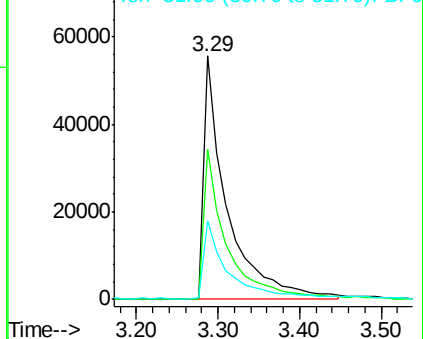
51 32.2 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.28 ng

RT: 3.23 min Scan# 100

Delta R.T. 0.09 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

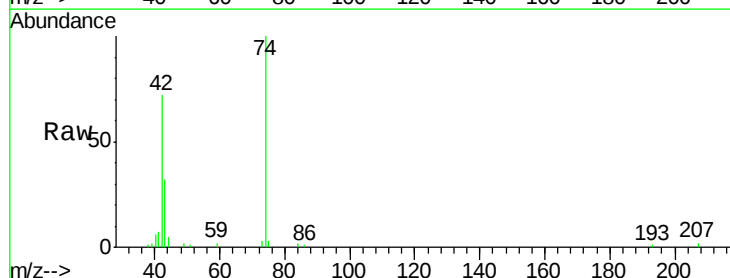
Tgt Ion: 42 Resp: 56630

Ion Ratio Lower Upper

42 100

74 139.6 115.7 173.5

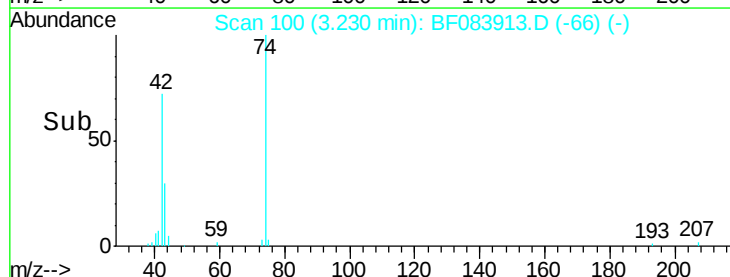
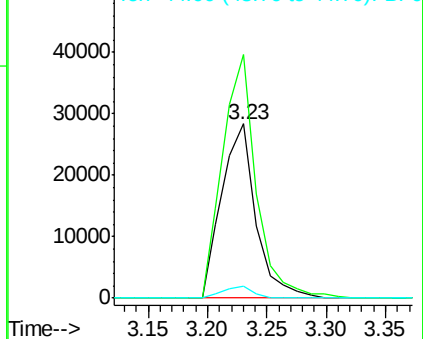
44 6.6 5.1 7.7

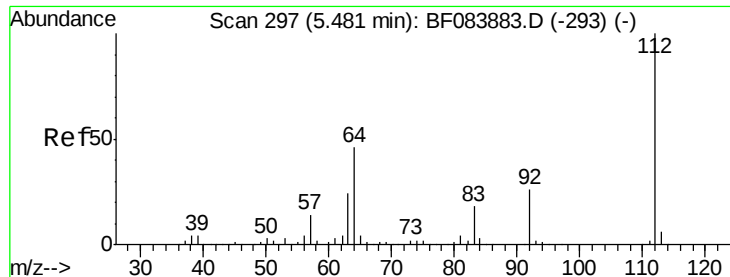


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 108.93 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

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PB87340BS

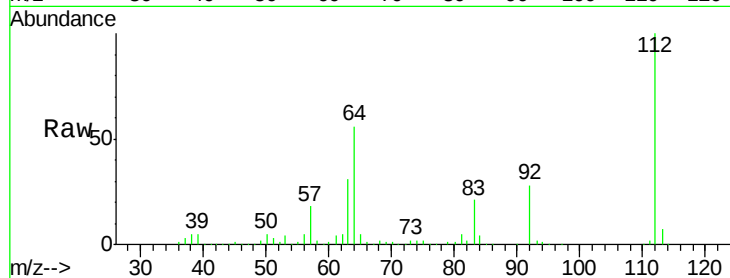
Tgt Ion: 112 Resp: 365238

Ion Ratio Lower Upper

112 100

64 56.5 36.6 55.0#

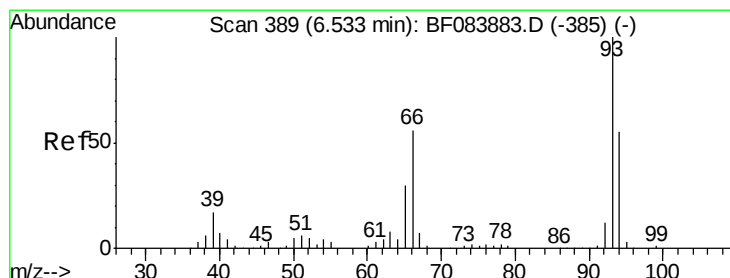
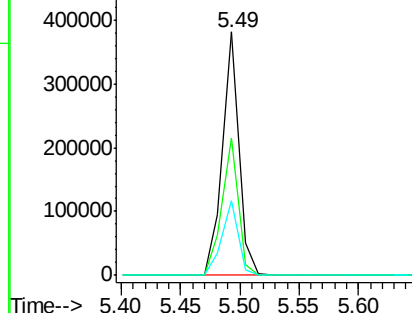
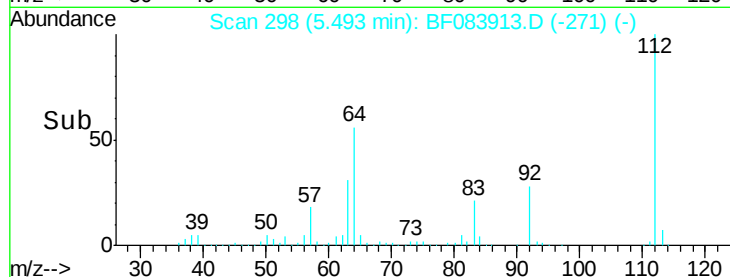
63 30.7 19.4 29.0#



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: 24.15 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

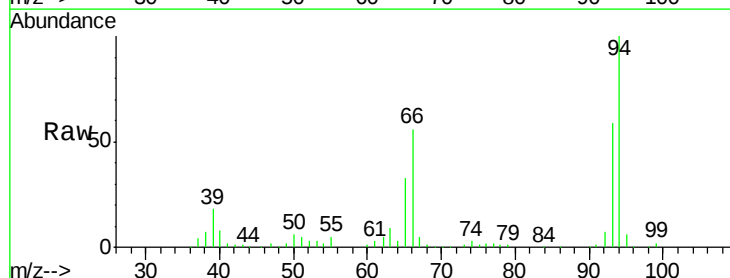
Tgt Ion: 93 Resp: 127659

Ion Ratio Lower Upper

93 100

66 94.4 44.9 67.3#

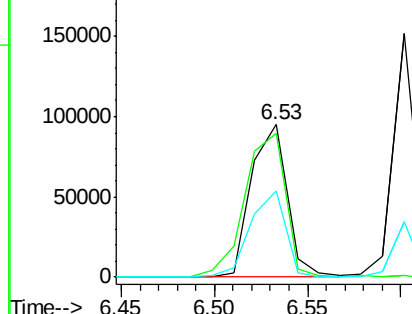
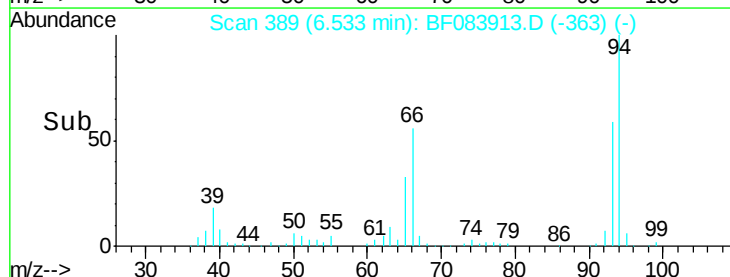
65 56.5 23.7 35.5#

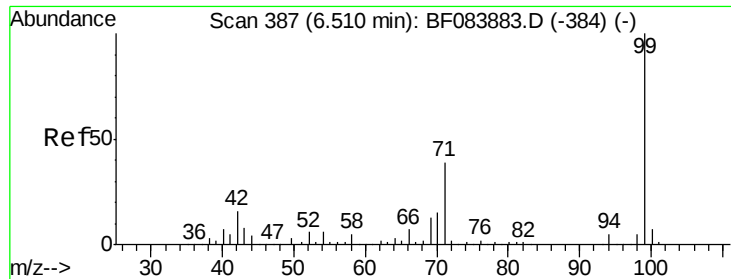


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.29 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

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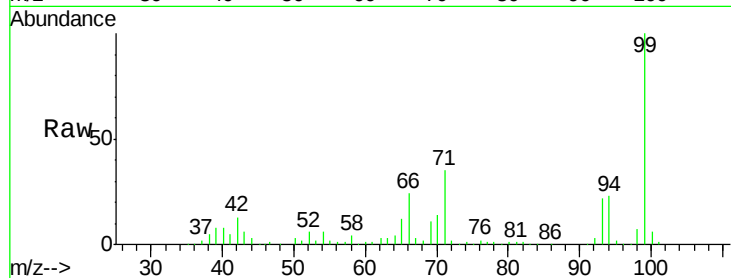
Tgt Ion: 99 Resp: 493715

Ion Ratio Lower Upper

99 100

42 13.3 12.8 19.2

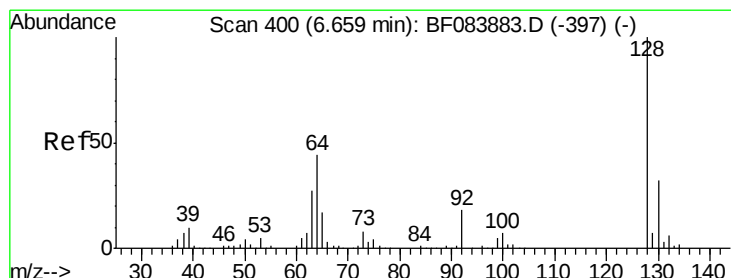
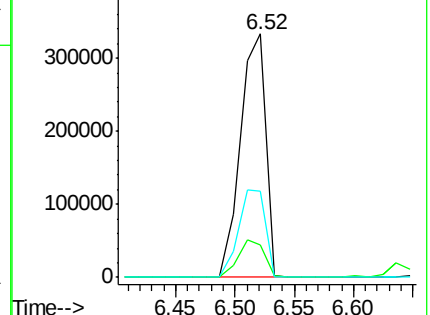
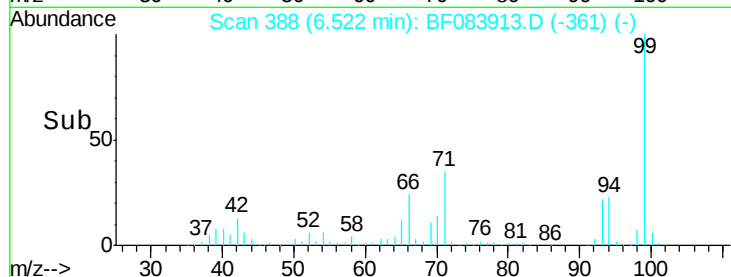
71 35.5 30.9 46.3



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: 39.57 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

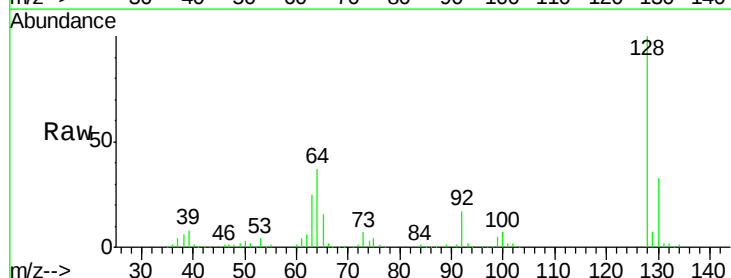
Tgt Ion: 128 Resp: 157904

Ion Ratio Lower Upper

128 100

130 33.3 11.6 51.6

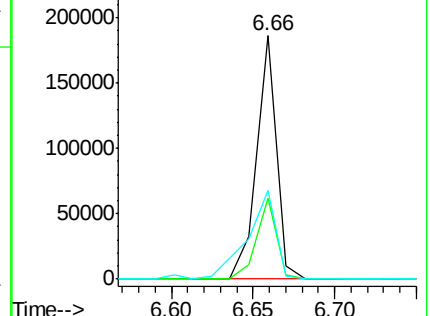
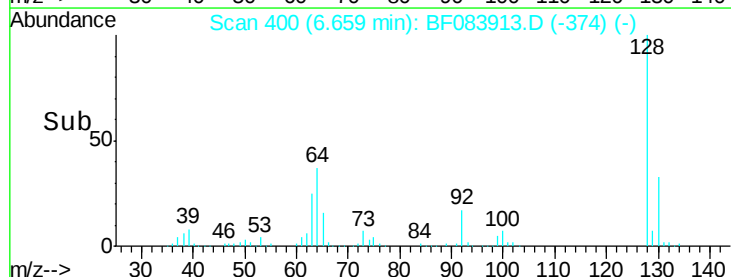
64 36.7 23.8 63.8

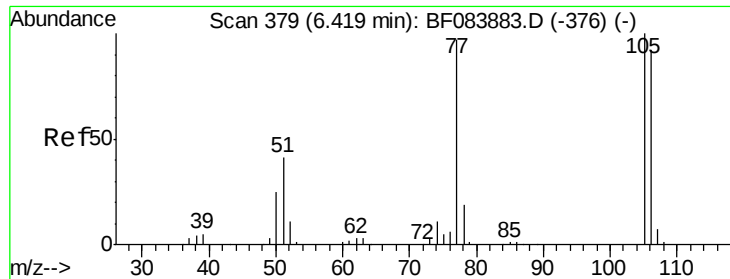


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 20.58 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

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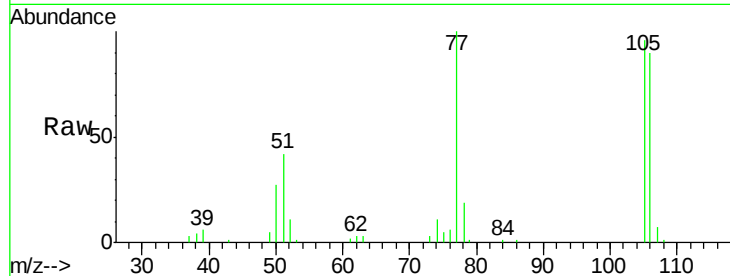
Tgt Ion: 77 Resp: 50898

Ion Ratio Lower Upper

77 100

105 96.3 83.0 123.0

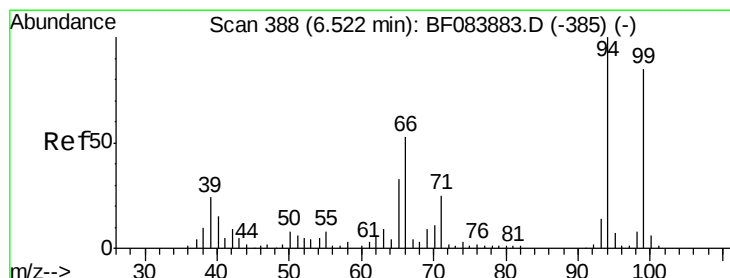
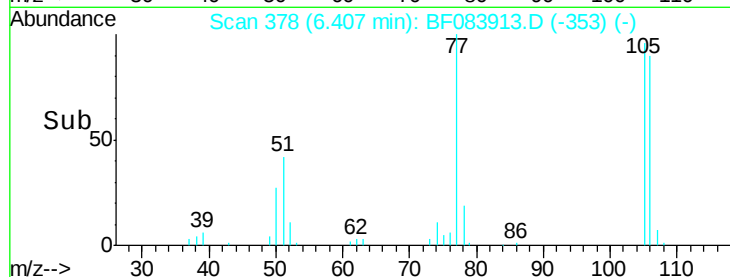
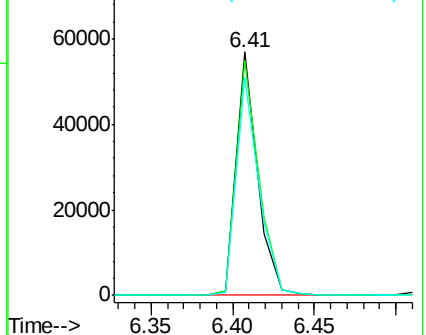
106 89.8 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.38 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

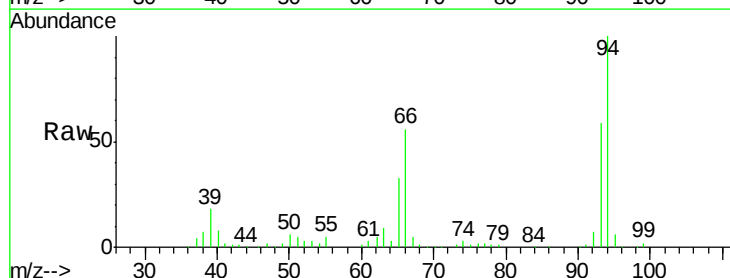
Tgt Ion: 94 Resp: 171170

Ion Ratio Lower Upper

94 100

65 33.4 12.9 52.9

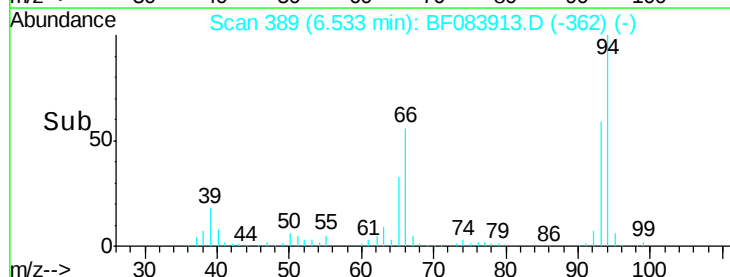
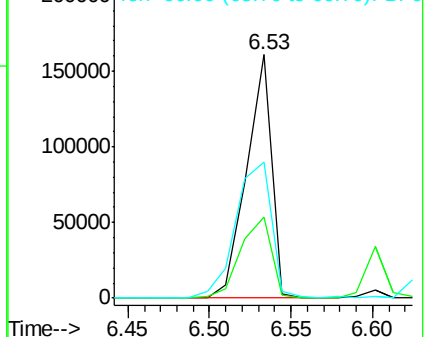
66 55.7 32.7 72.7

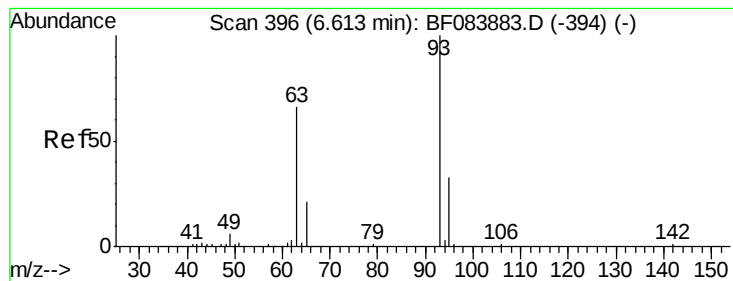


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.14 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

ClientSampleId :

PB87340BS

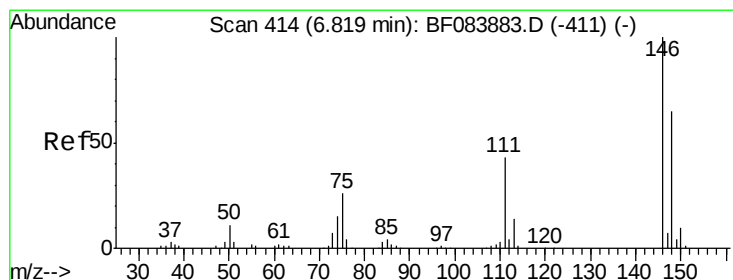
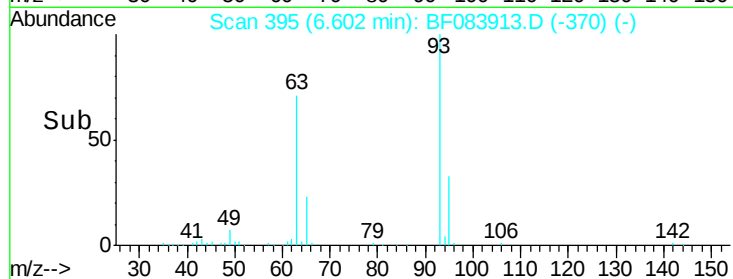
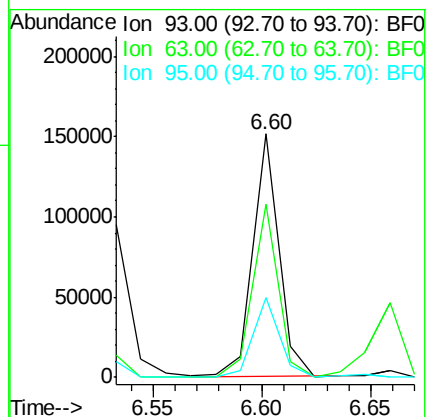
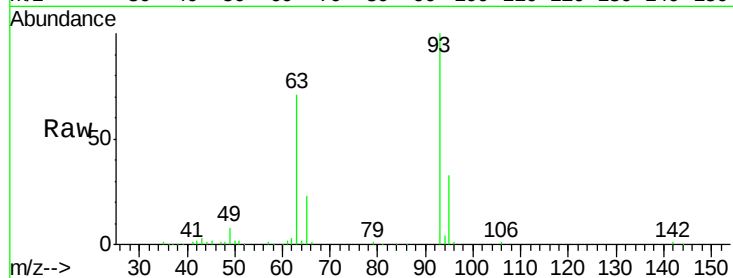
Tgt Ion: 93 Resp: 125727

Ion Ratio Lower Upper

93 100

63 71.3 45.9 85.9

95 32.6 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 38.53 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.07 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

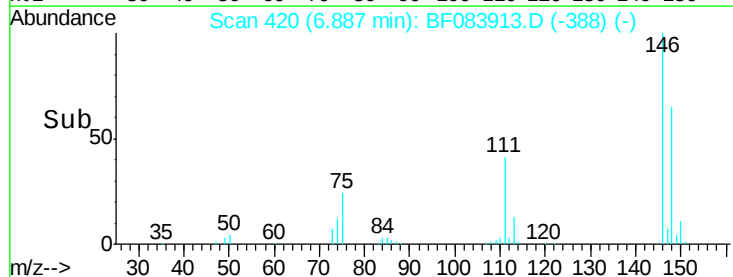
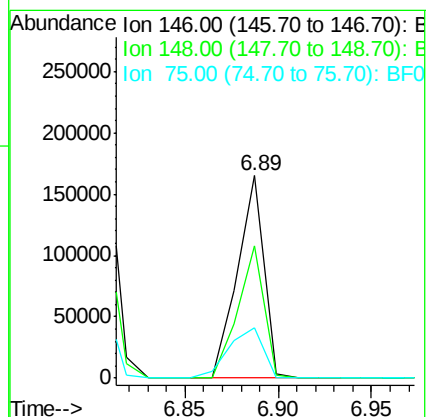
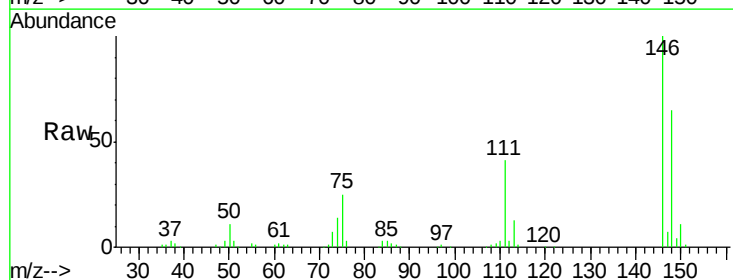
Tgt Ion: 146 Resp: 165359

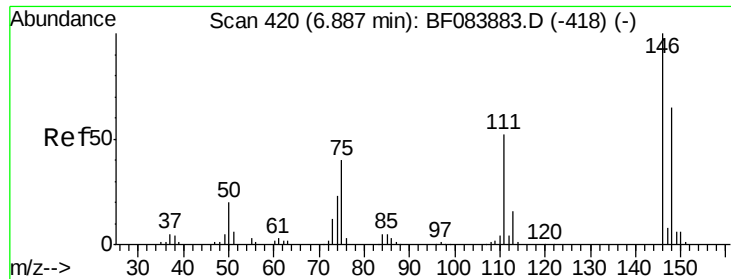
Ion Ratio Lower Upper

146 100

148 65.2 51.9 77.9

75 25.1 20.5 30.7

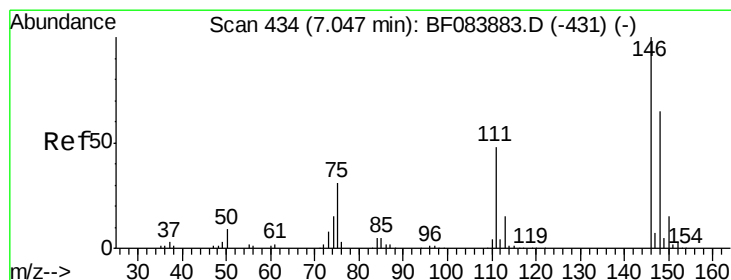
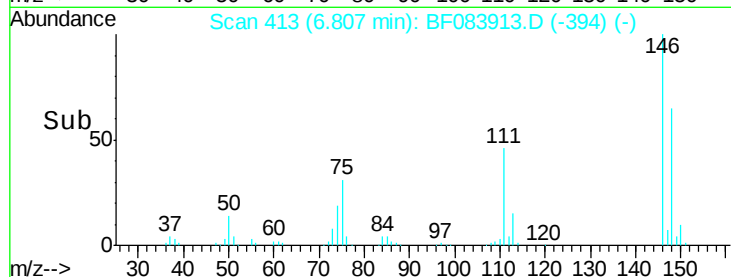
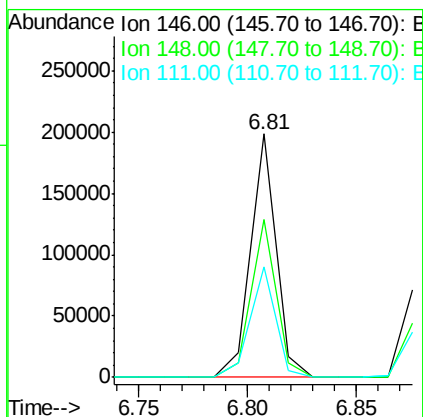
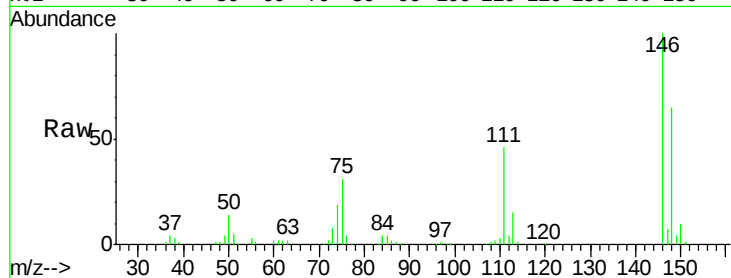




#13
 1,4-Dichlorobenzene
 Concen: 37.06 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.08 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

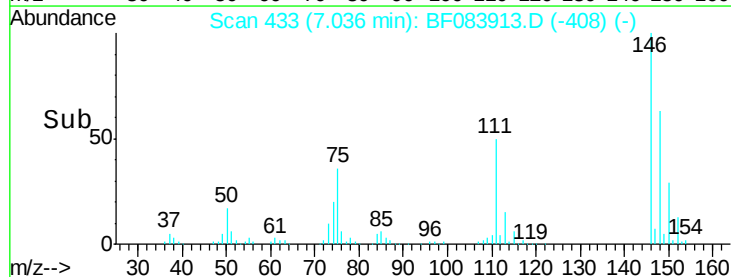
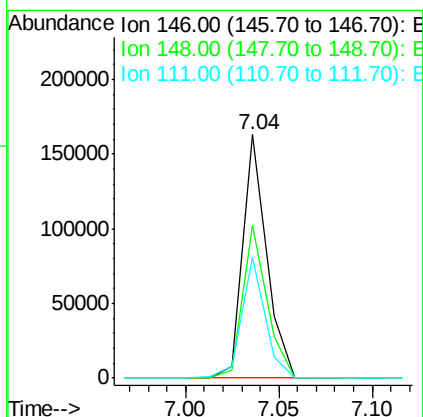
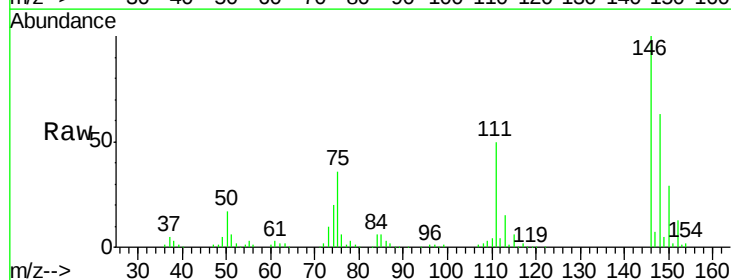
Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

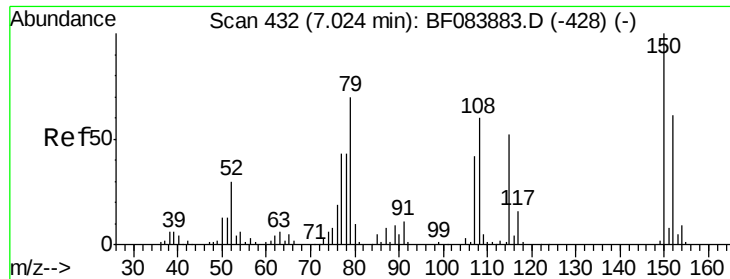
Tgt Ion:146 Resp: 162367
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.9 77.9
 111 45.6 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 41.12 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.01 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion:146 Resp: 146312
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.6 77.4
 111 49.6 38.0 57.0

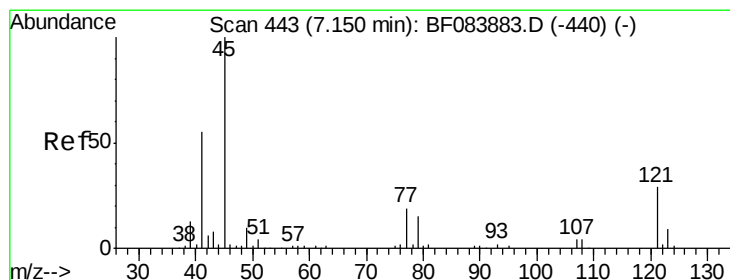
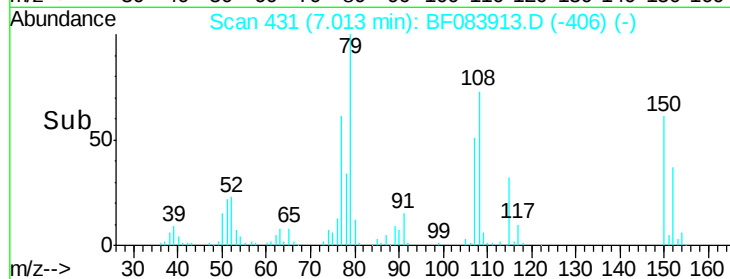
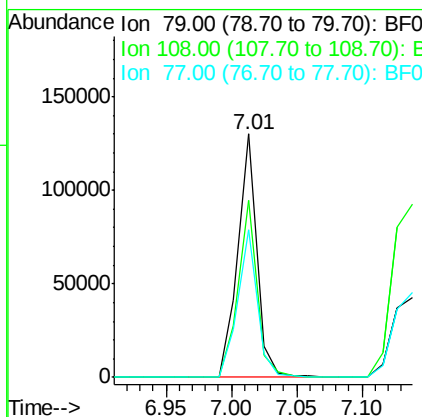
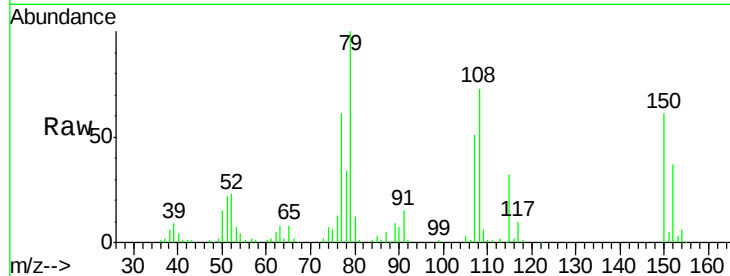




#15
Benzyl Alcohol
Concen: 42.39 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

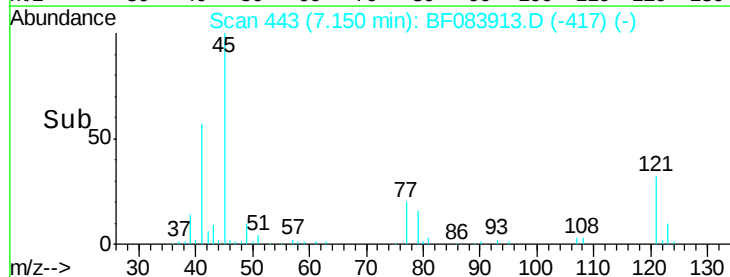
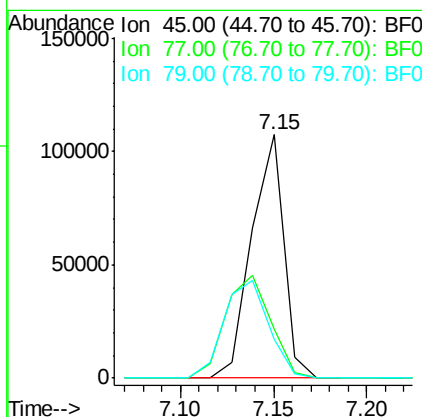
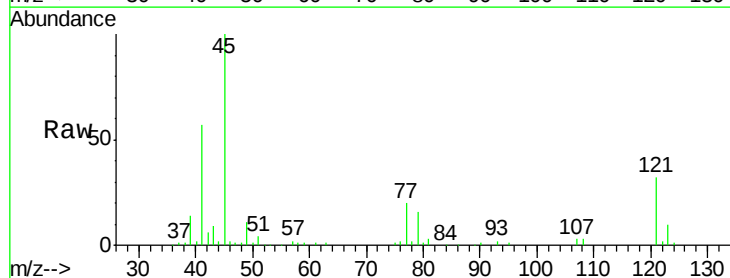
Instrument :
BNA_F
ClientSampleId :
PB87340BS

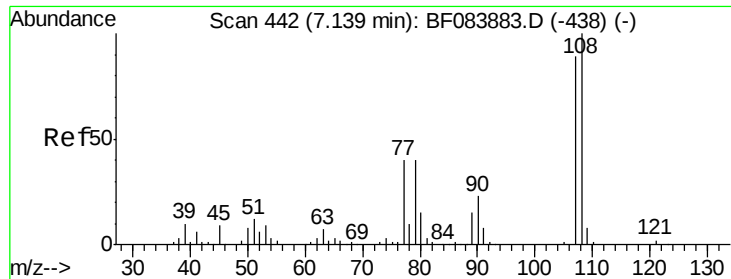
Tgt Ion: 79 Resp: 131660
Ion Ratio Lower Upper
79 100
108 72.5 69.0 103.4
77 60.9 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.26 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion: 45 Resp: 130090
Ion Ratio Lower Upper
45 100
77 20.2 0.0 39.6
79 16.0 0.0 35.0

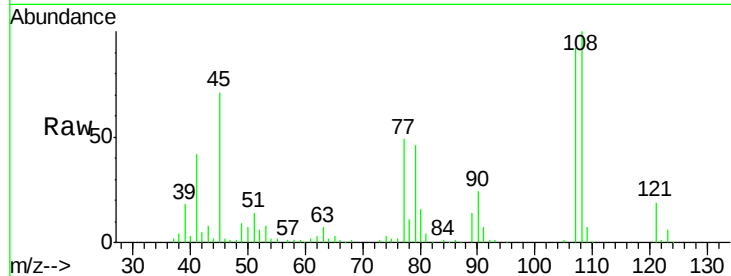




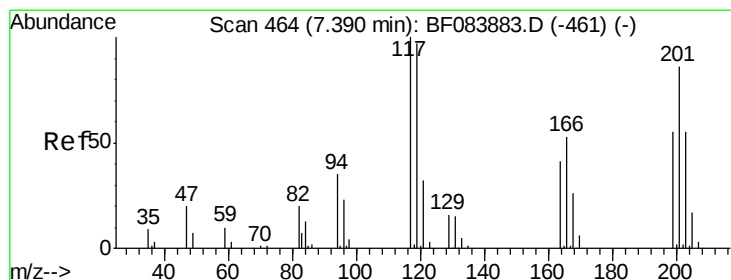
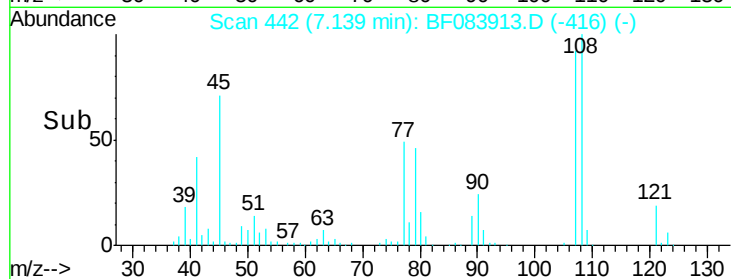
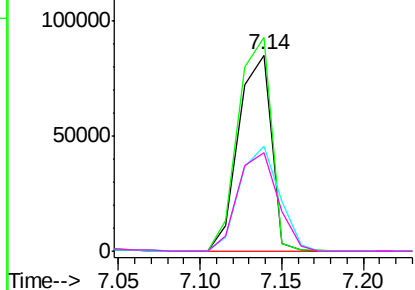
#17
2-Methylphenol
Concen: 37.75 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Tgt Ion:107 Resp: 118173
Ion Ratio Lower Upper
107 100
108 108.8 89.8 134.6
77 53.4 35.7 53.5
79 50.4 35.7 53.5

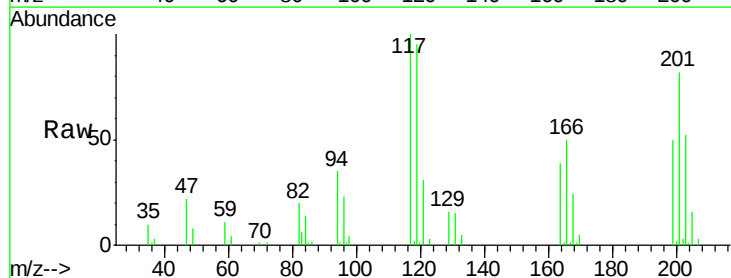


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

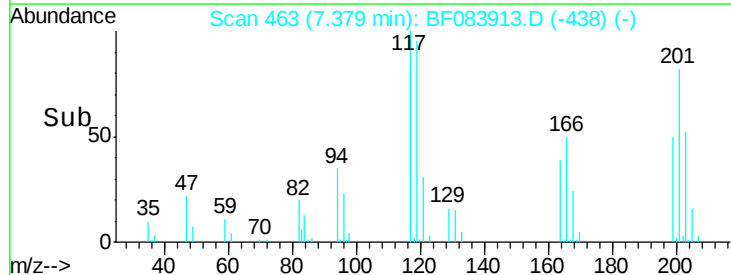
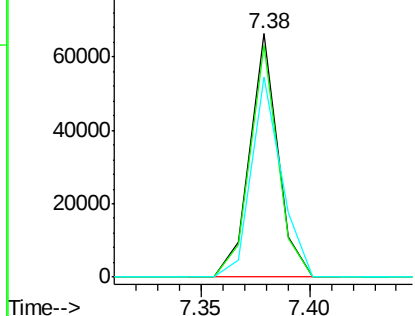


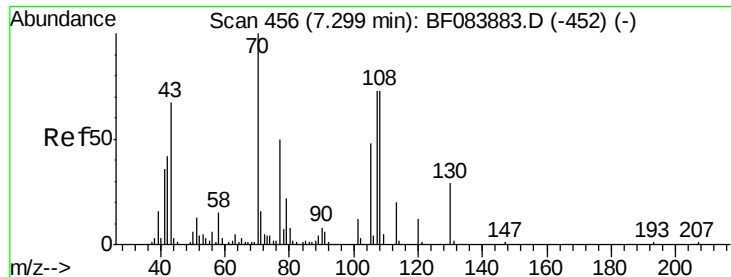
#18
Hexachloroethane
Concen: 37.01 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion:117 Resp: 59498
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.0
201 82.2 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

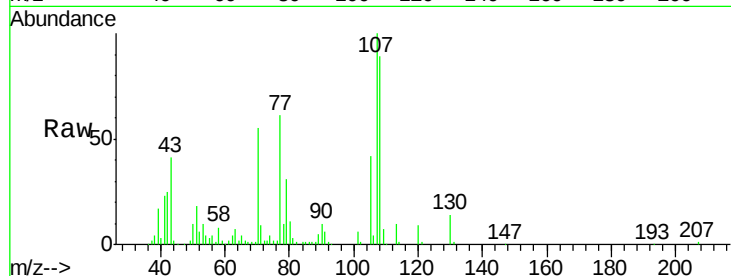




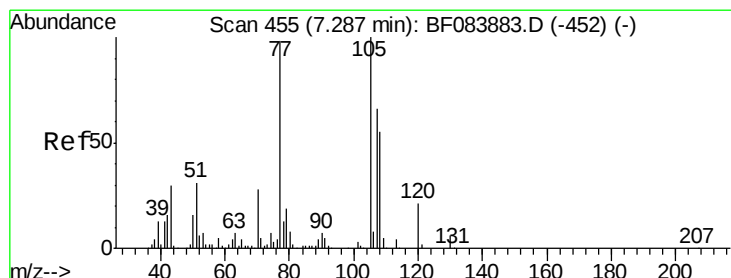
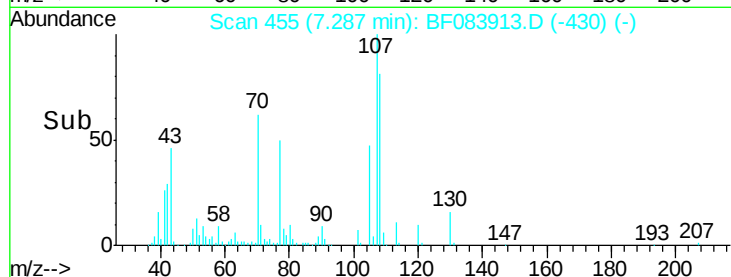
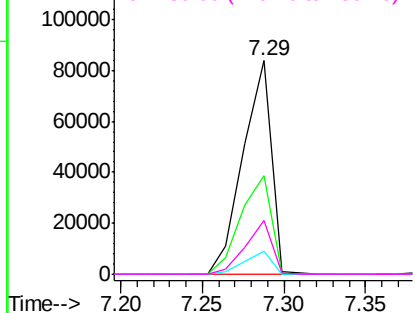
#19
n-Nitroso-di-n-propylamine
Concen: 42.41 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Tgt Ion:	70	Resp:	101472
Ion	Ratio	Lower	Upper
70	100		
42	46.4	33.3	49.9
101	10.8	9.3	13.9
130	25.0	23.4	35.0

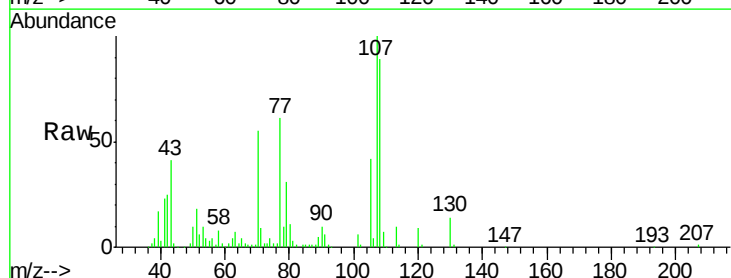


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

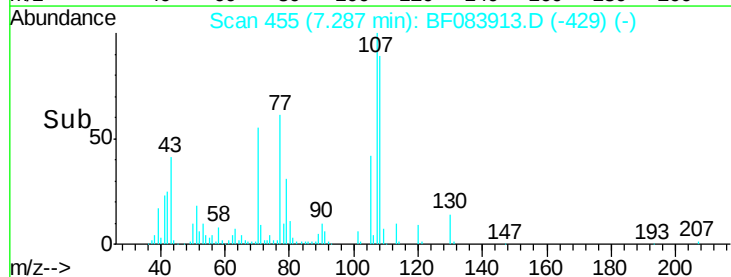
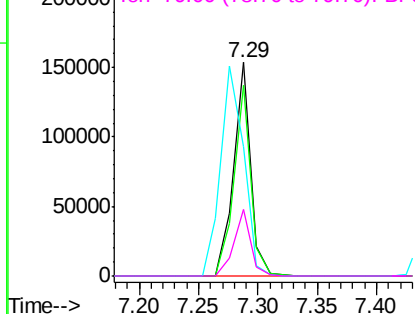


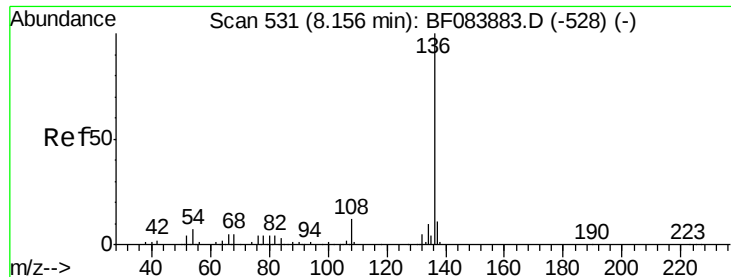
#20
3+4-Methylphenols
Concen: 41.66 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion:	107	Resp:	153239
Ion	Ratio	Lower	Upper
107	100		
108	89.1	64.1	104.1
77	60.6	128.9	168.9#
79	31.2	9.6	49.6



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

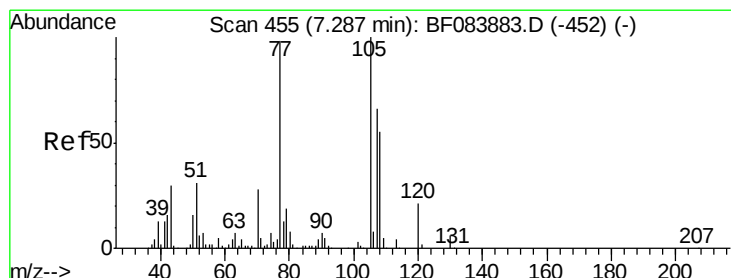
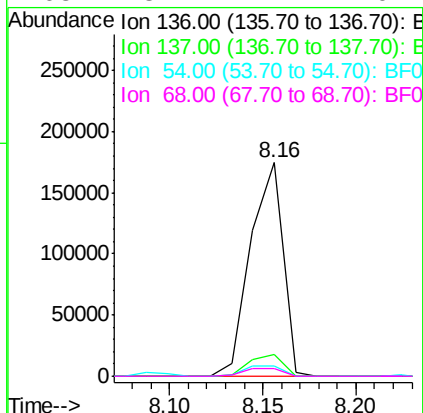
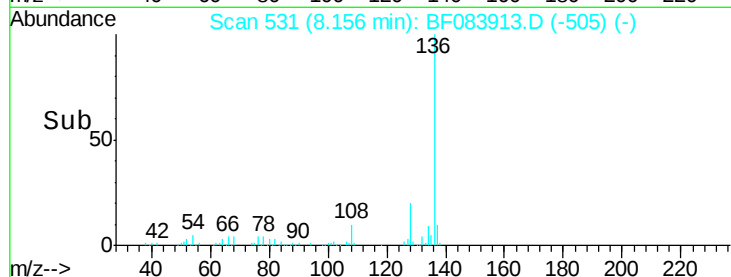
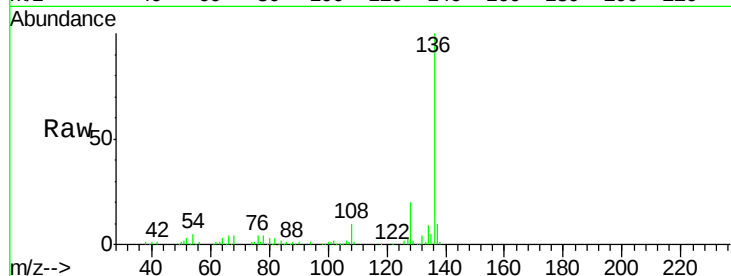




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

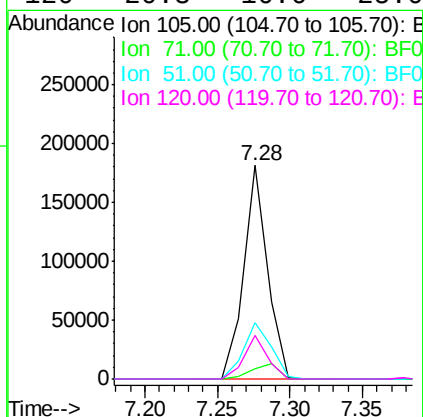
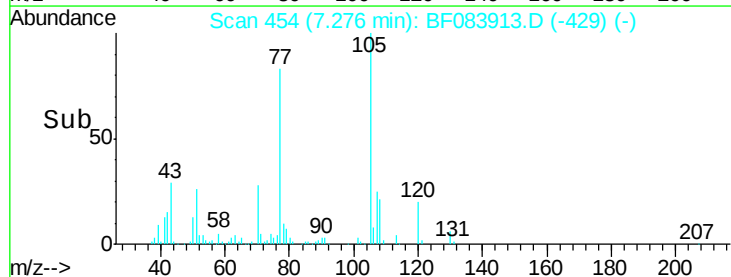
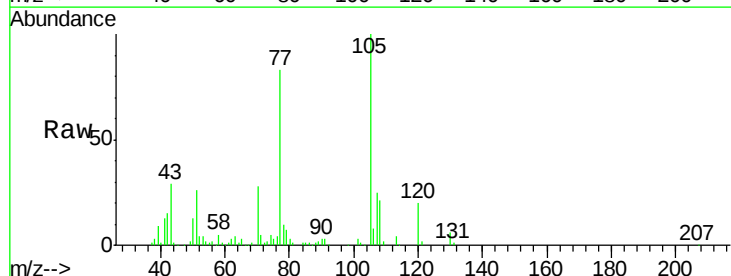
Instrument :
BNA_F
ClientSampleId :
PB87340BS

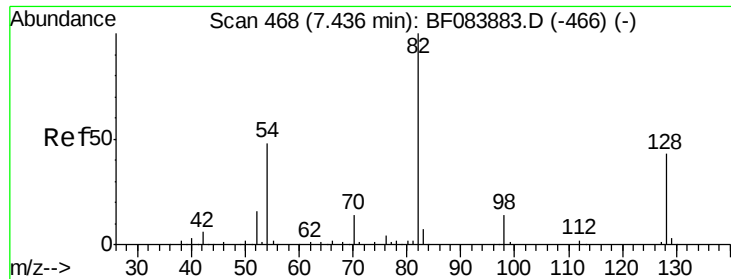
Tgt Ion:	136	Resp:	210564
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	4.6	5.8	8.8#
68	3.7	4.2	6.2#



#22
Acetophenone
Concen: 40.49 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion:	105	Resp:	205260
Ion	Ratio	Lower	Upper
105	100		
71	4.9	3.7	5.5
51	26.4	25.1	37.7
120	20.3	16.6	25.0

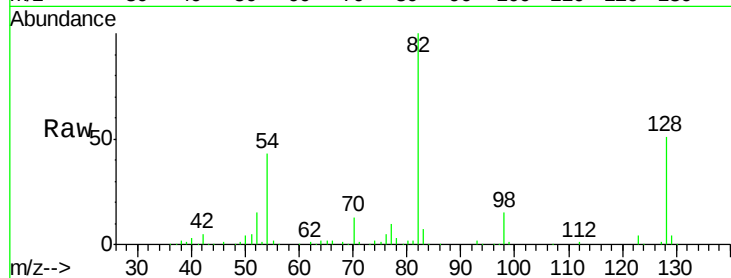




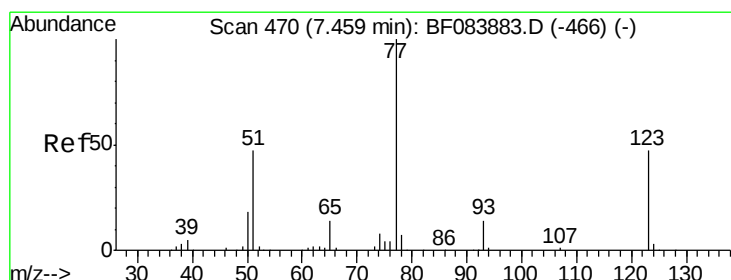
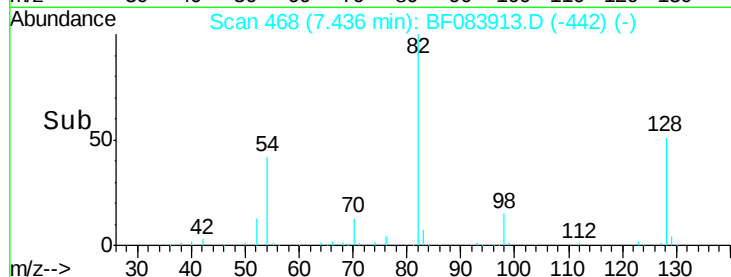
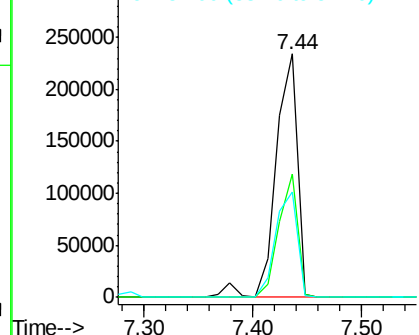
#23
 Nitrobenzene-d5
 Concen: 86.88 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.6	34.6	51.8
54	43.1	38.4	57.6

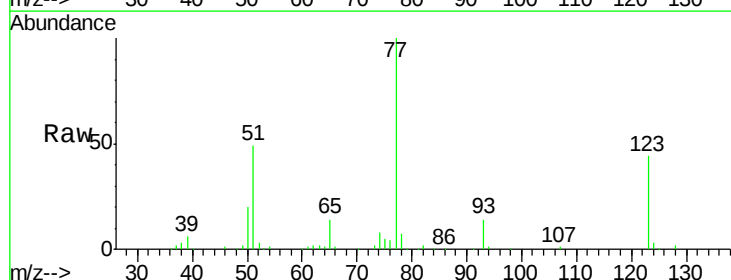


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

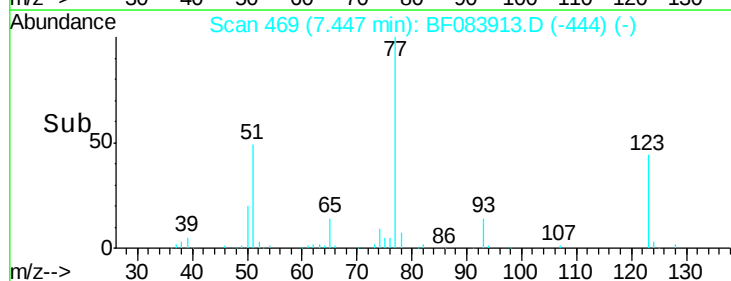
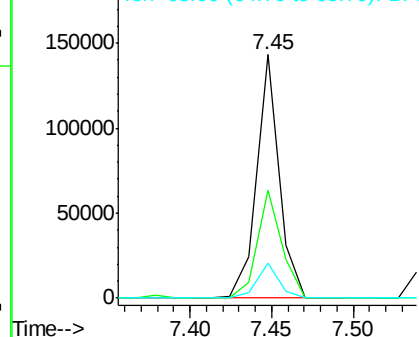


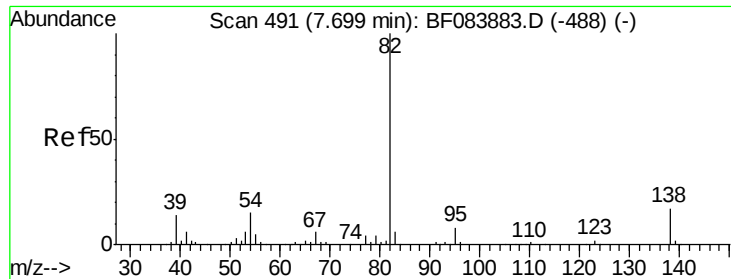
#24
 Nitrobenzene
 Concen: 36.03 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.3	37.4	56.2
65	14.2	10.9	16.3



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





#25

Isophorone

Concen: 38.16 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

ClientSampleId :

PB87340BS

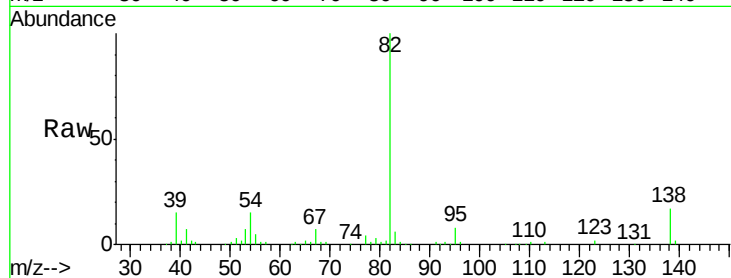
Tgt Ion: 82 Resp: 264888

Ion Ratio Lower Upper

82 100

95 8.3 6.6 10.0

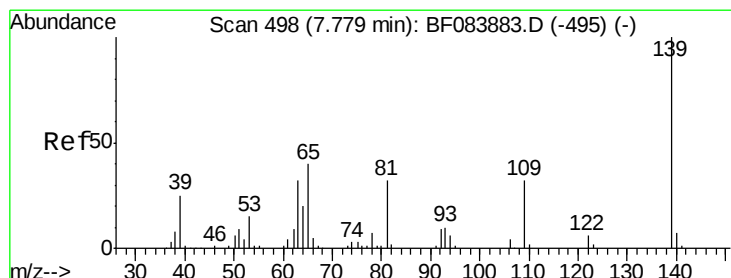
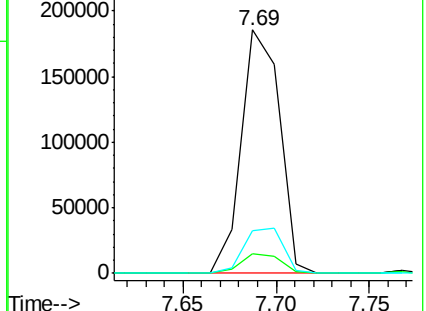
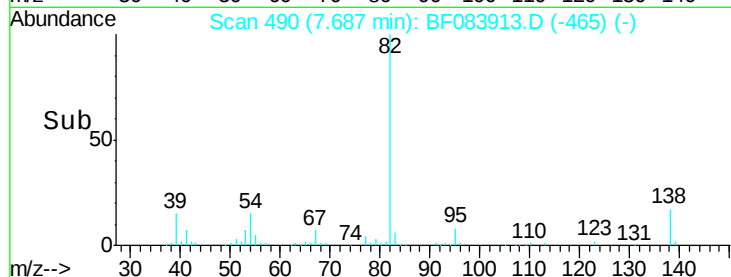
138 17.3 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.02 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

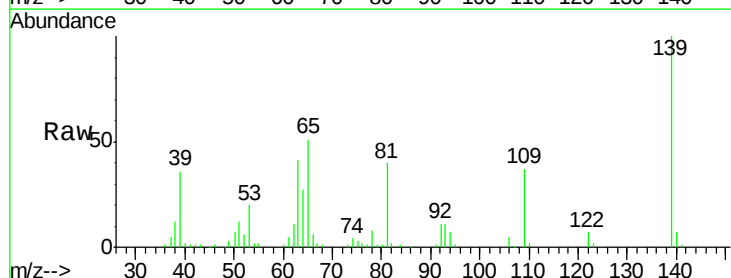
Tgt Ion: 139 Resp: 79040

Ion Ratio Lower Upper

139 100

109 36.7 25.4 38.2

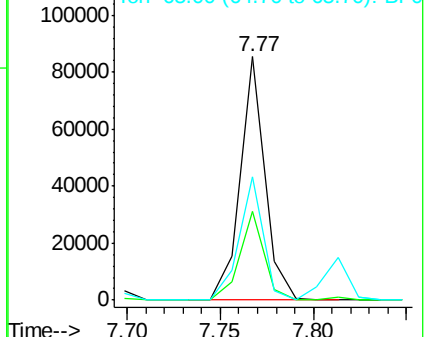
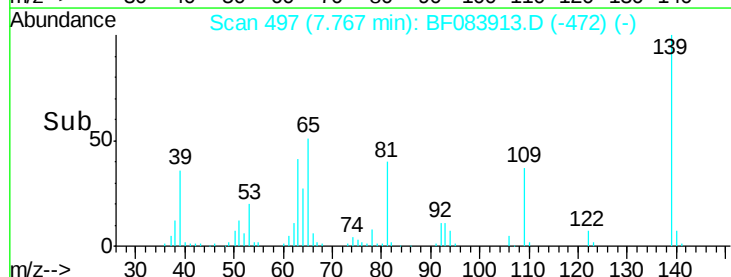
65 50.7 32.3 48.5#

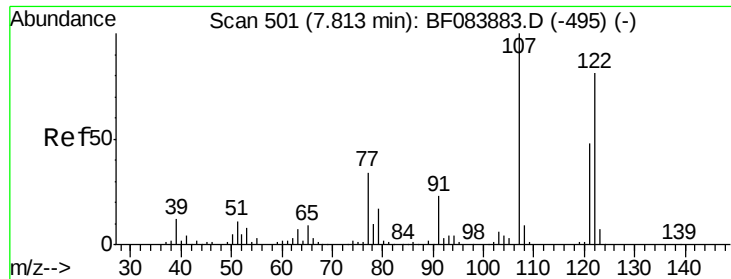


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

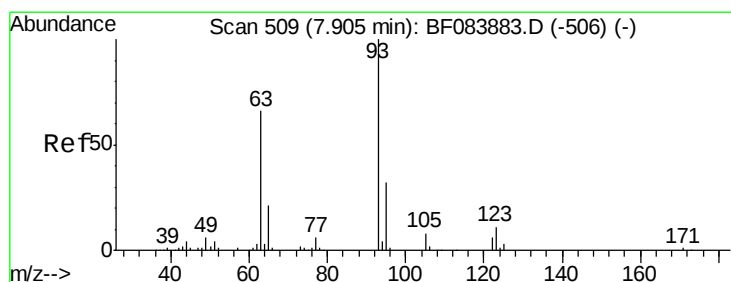
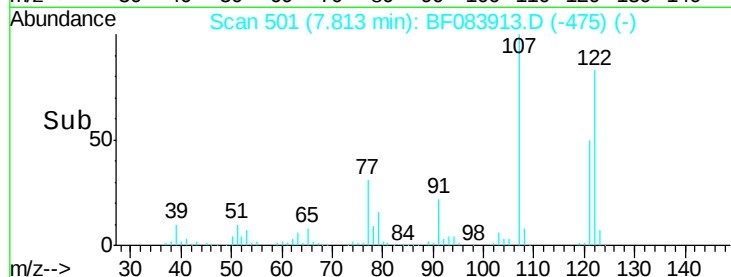
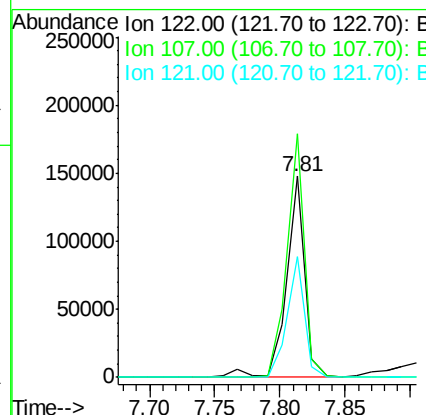
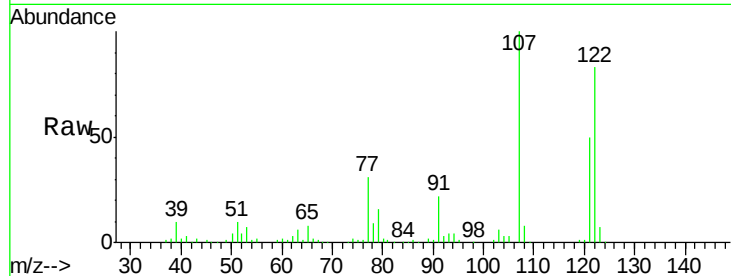




#27
 2,4-Dimethylphenol
 Concen: 42.30 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

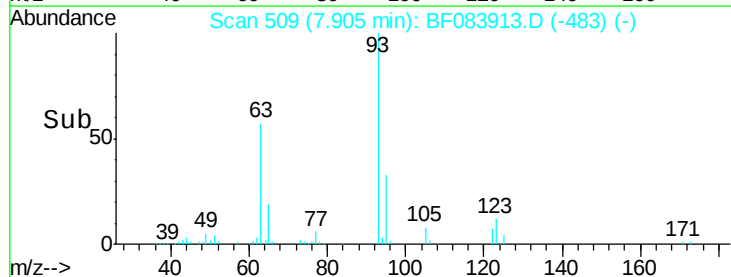
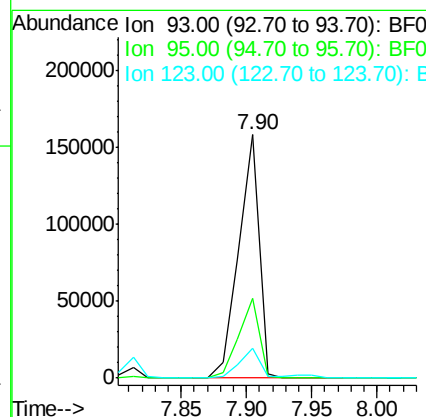
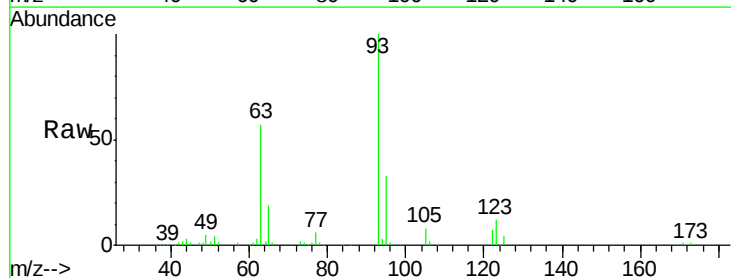
Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

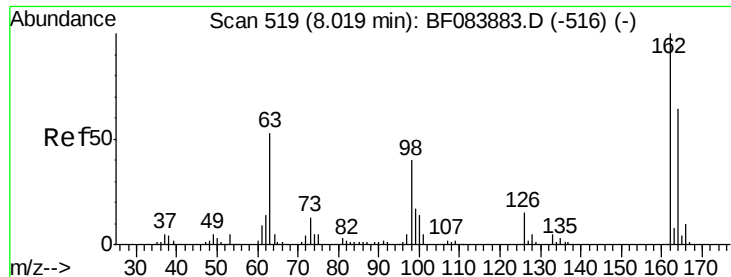
Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.9	99.1	148.7
121	60.2	47.9	71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.60 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.8	38.6
123	12.2	8.6	12.8

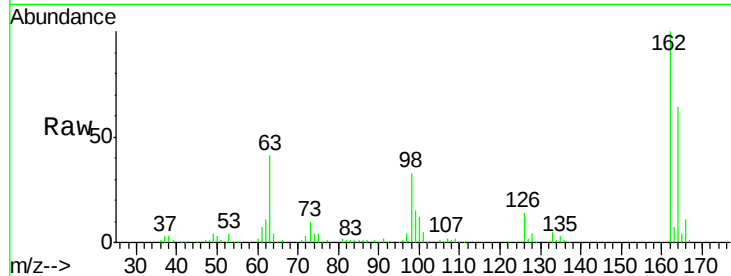




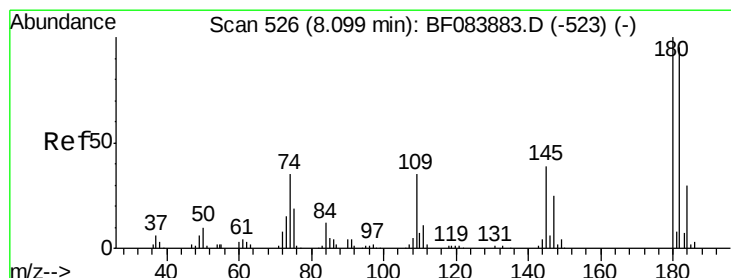
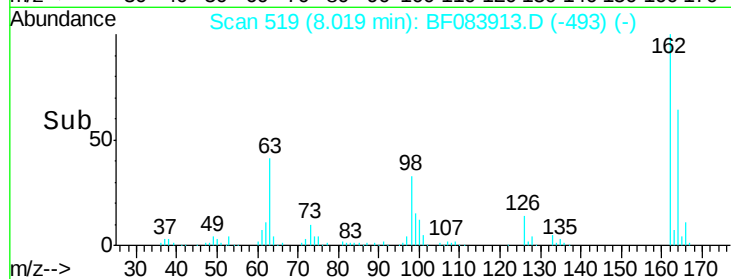
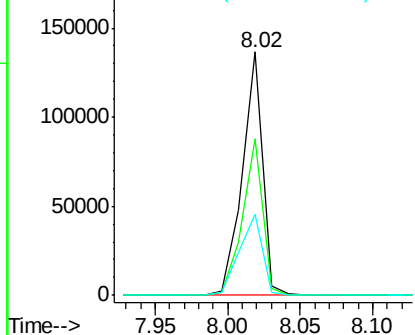
#29
 2,4-Dichlorophenol
 Concen: 43.02 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

Tgt Ion:162 Resp: 132784
 Ion Ratio Lower Upper
 162 100
 164 64.2 44.1 84.1
 98 33.1 20.2 60.2

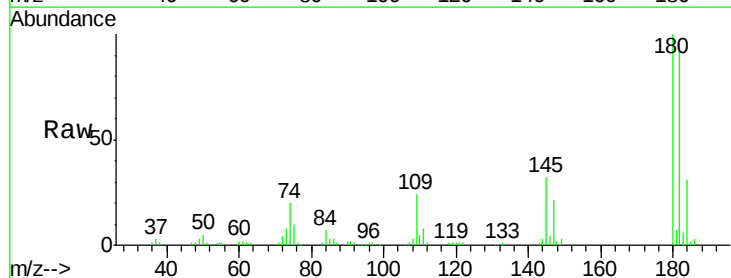


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

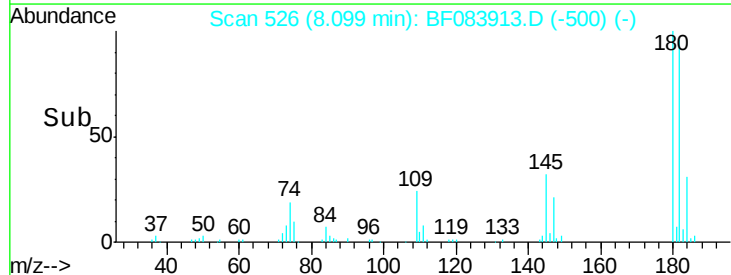
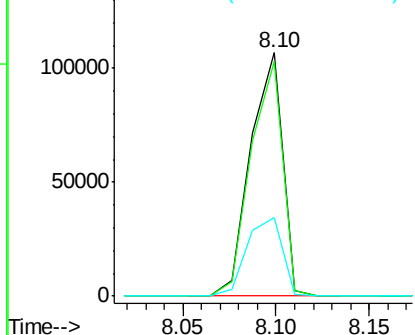


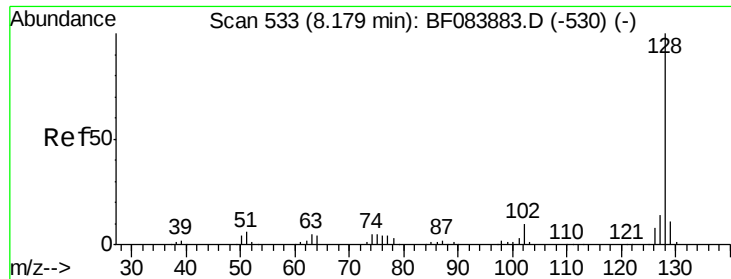
#30
 1,2,4-Trichlorobenzene
 Concen: 38.86 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion:180 Resp: 128827
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.4 114.6
 145 32.2 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

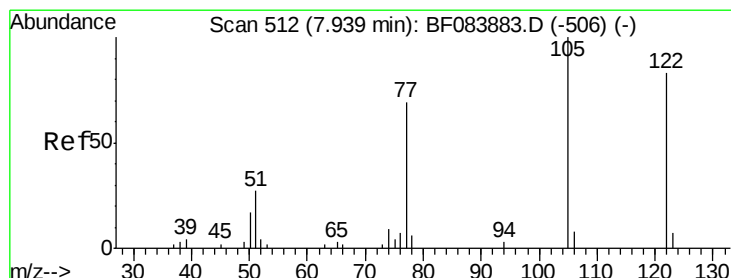
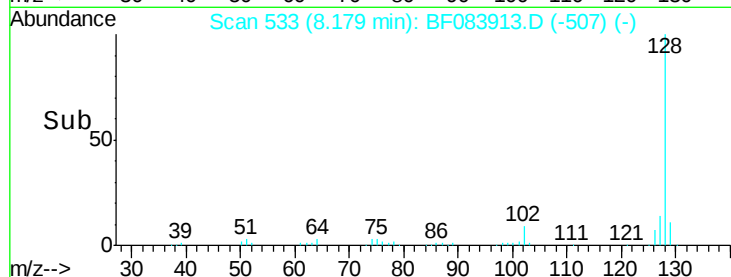
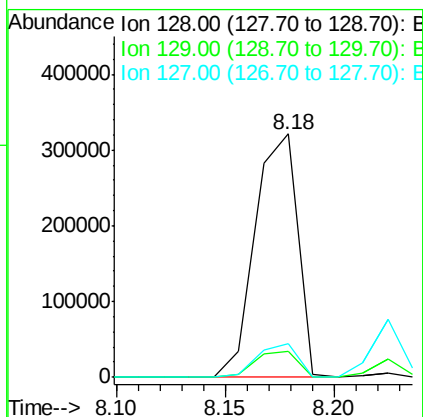
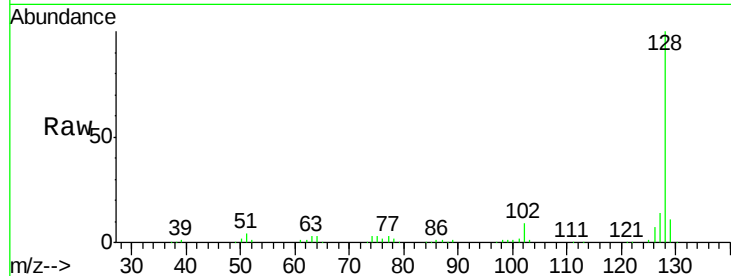




#31
Naphthalene
Concen: 41.28 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

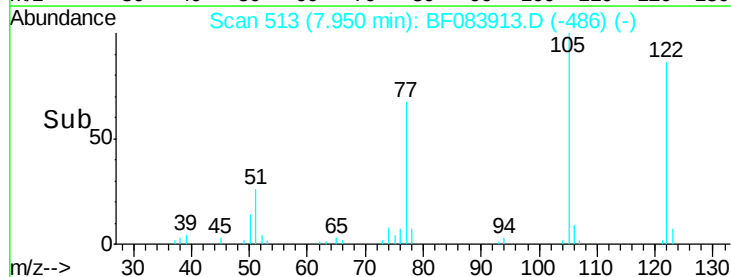
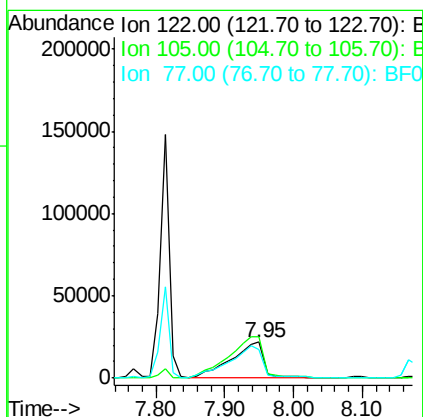
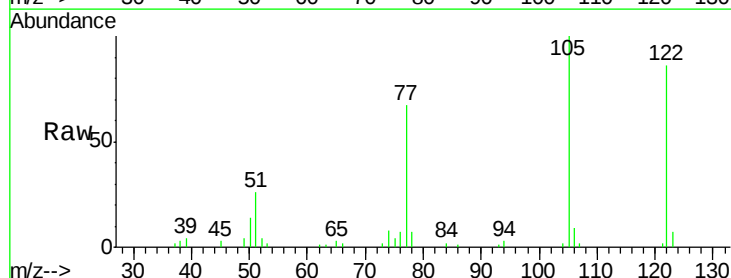
Instrument :
BNA_F
ClientSampleId :
PB87340BS

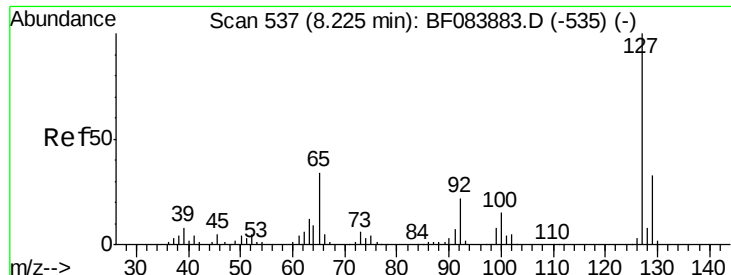
Tgt Ion:128 Resp: 439821
Ion Ratio Lower Upper
128 100
129 10.5 9.1 13.7
127 13.6 11.1 16.7



#32
Benzoic acid
Concen: 55.79 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion:122 Resp: 74341
Ion Ratio Lower Upper
122 100
105 116.6 100.3 140.3
77 78.2 63.5 103.5

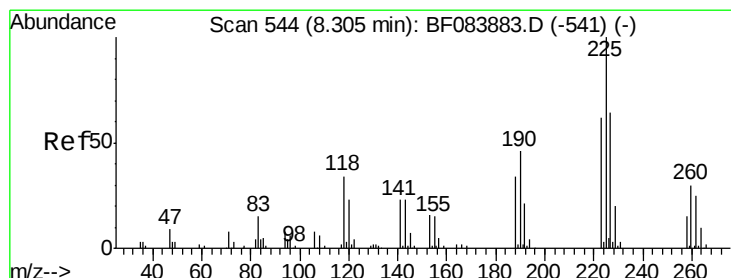
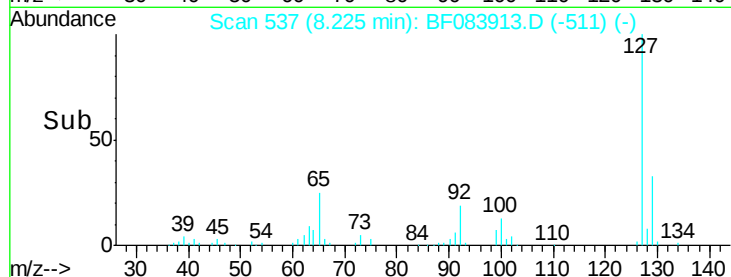
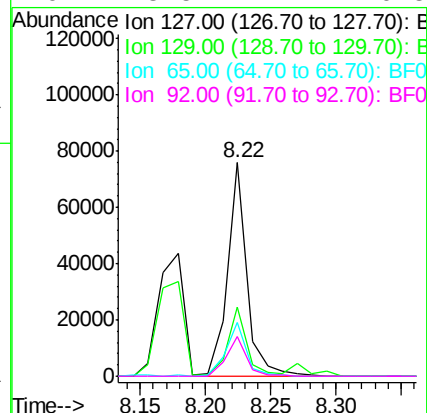
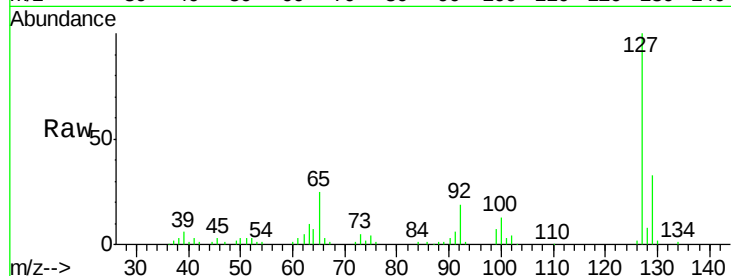




#33
4-Chloroaniline
Concen: 16.61 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

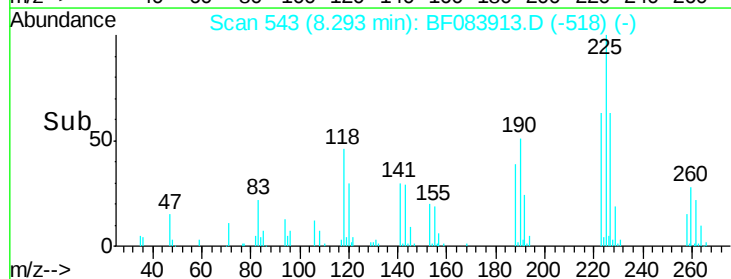
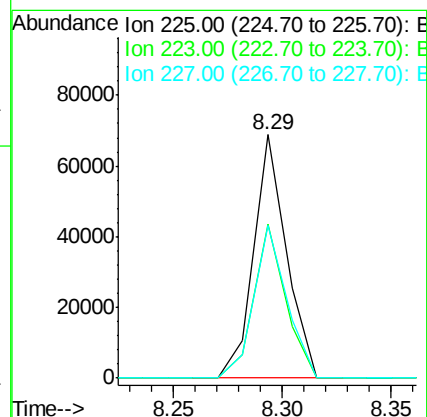
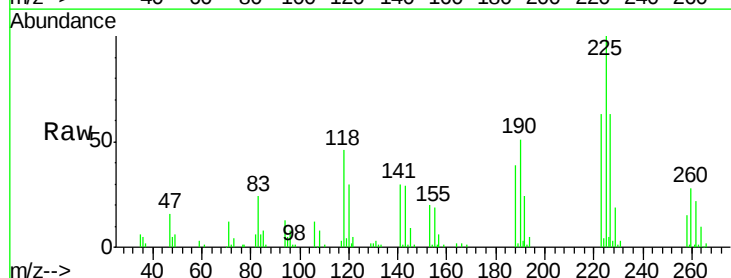
Instrument :
BNA_F
ClientSampleId :
PB87340BS

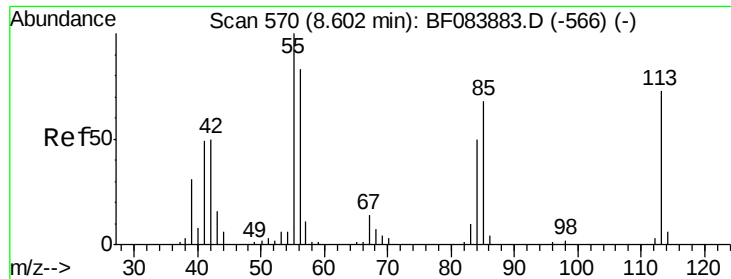
Tgt Ion:	127	Resp:	79390
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.5	39.7
65	25.4	27.2	40.8
92	18.5	17.7	26.5



#34
Hexachlorobutadiene
Concen: 34.71 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion:	225	Resp:	71857
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.4	74.0
227	62.7	50.8	76.2

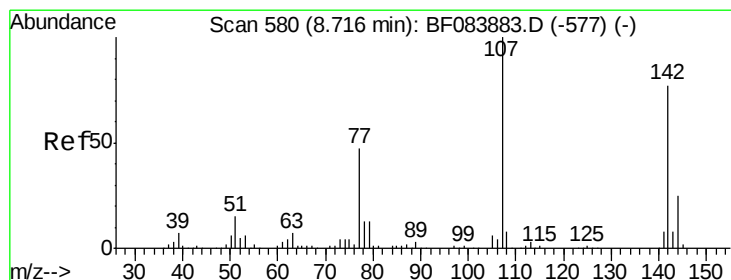
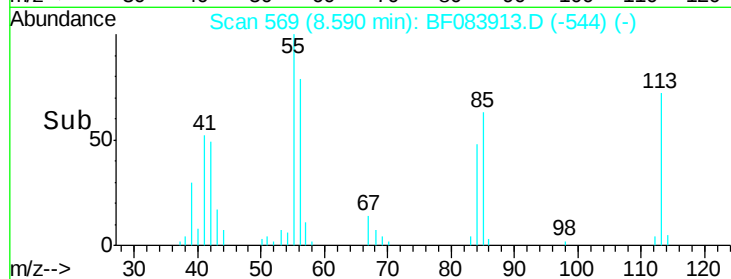
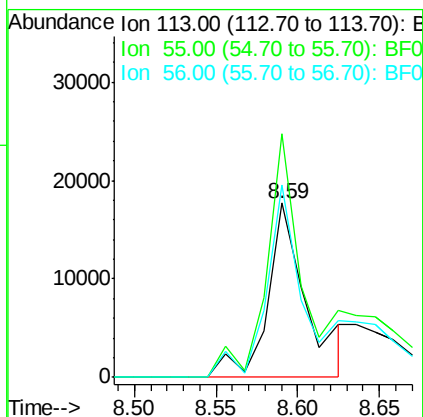
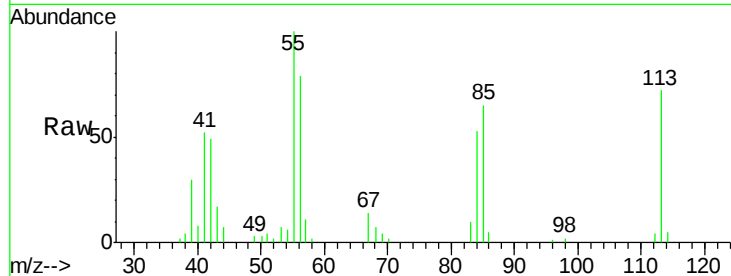




#35
 Caprolactam
 Concen: 28.81 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

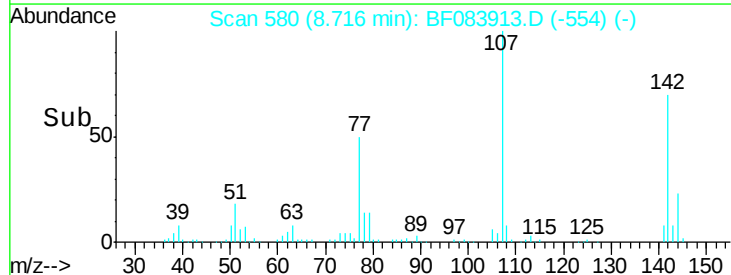
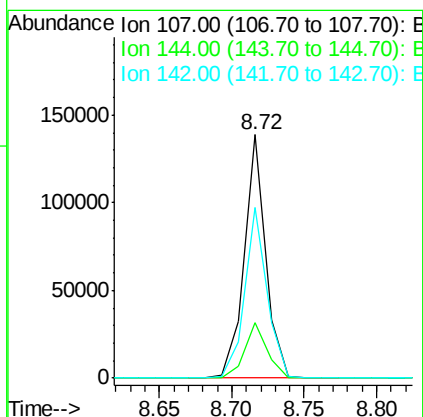
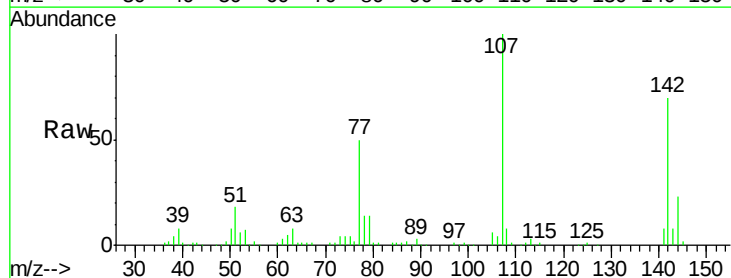
Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

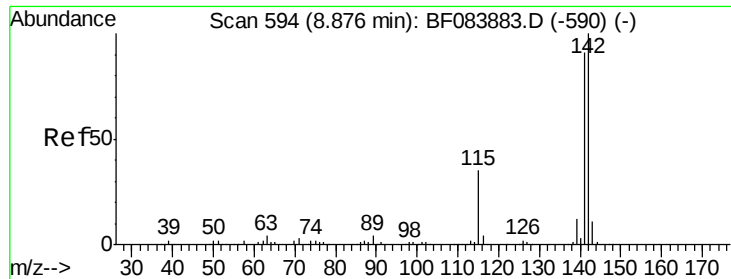
Tgt Ion:113 Resp: 29381
 Ion Ratio Lower Upper
 113 100
 55 139.6 116.9 156.9
 56 110.4 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 40.74 ng
 RT: 8.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion:107 Resp: 142507
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.7 29.5
 142 70.4 61.8 92.6

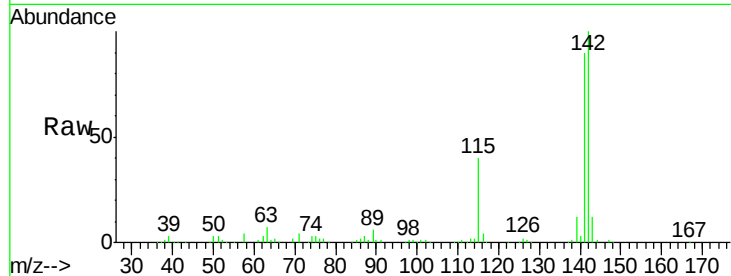




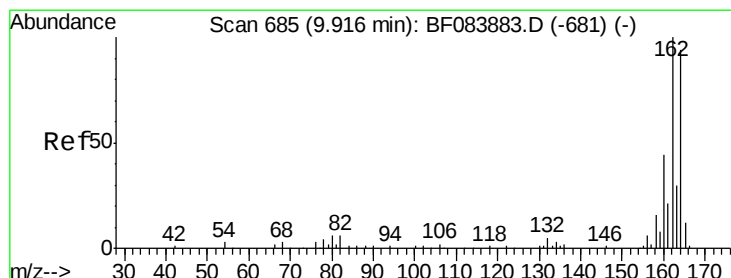
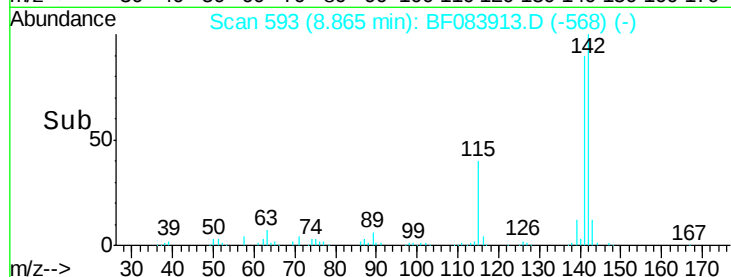
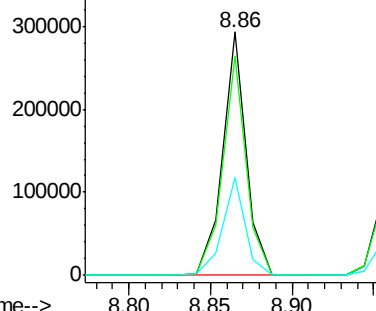
#37
2-Methylnaphthalene
Concen: 40.08 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.4	108.6
115	39.9	27.9	41.9

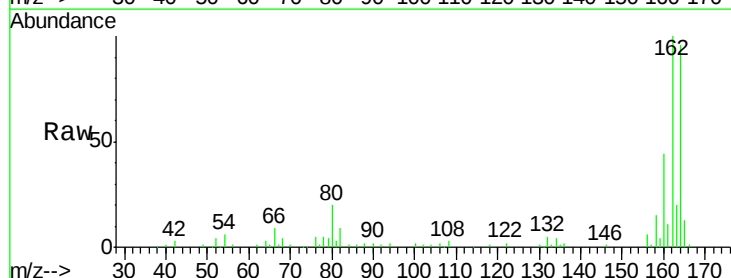


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

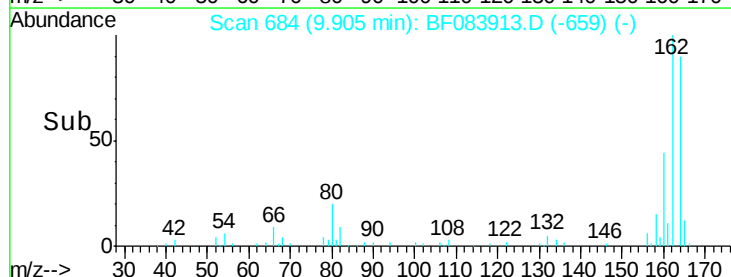
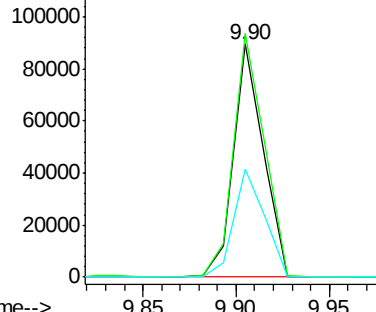


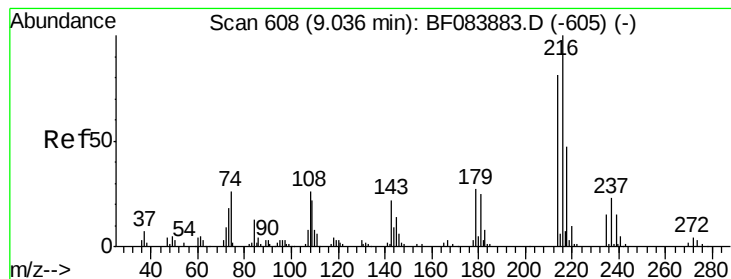
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.1	127.7
160	46.1	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: 41.10 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

ClientSampleId :

PB87340BS

Tgt Ion:216 Resp: 127588

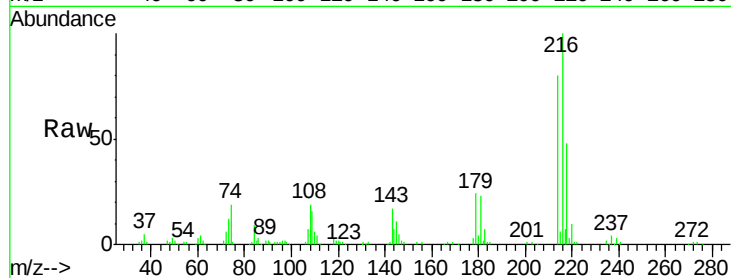
Ion Ratio Lower Upper

216 100

214 79.8 64.2 96.2

179 23.9 18.7 28.1

108 23.0 16.8 25.2

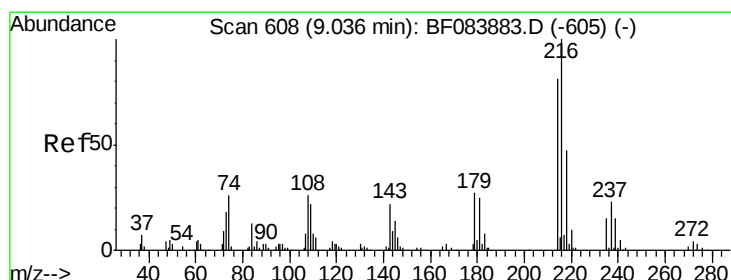
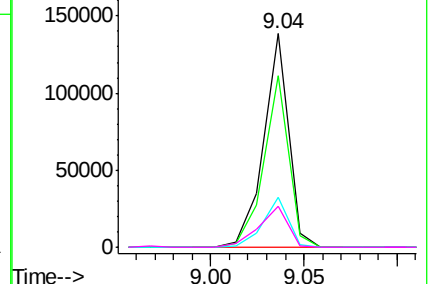
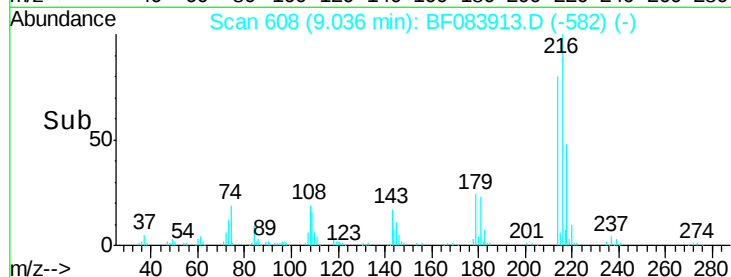


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.71 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

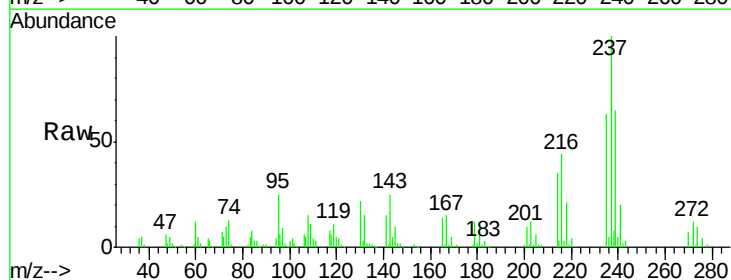
Tgt Ion:237 Resp: 65539

Ion Ratio Lower Upper

237 100

235 62.9 43.1 83.1

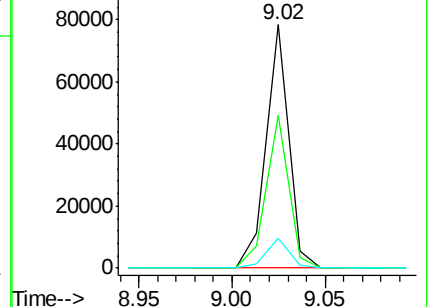
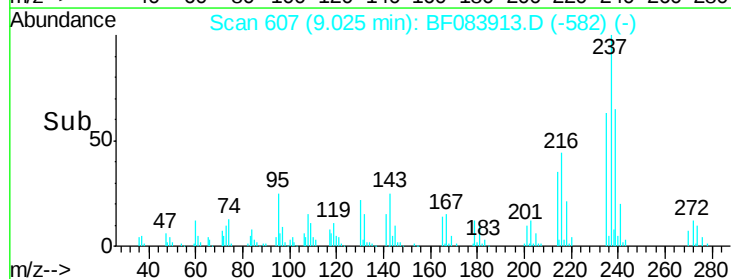
272 12.3 0.0 35.1

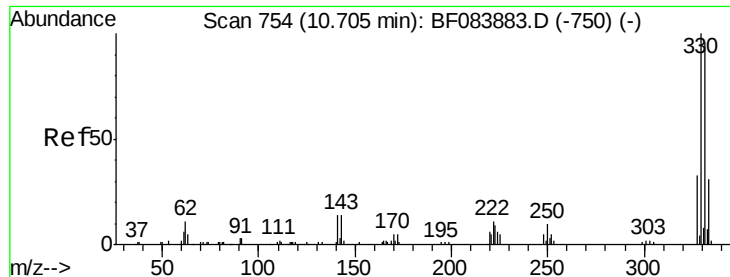


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

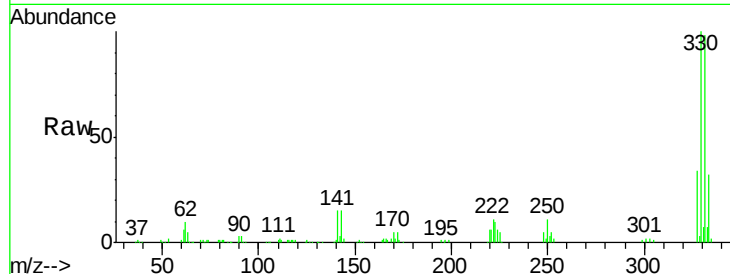




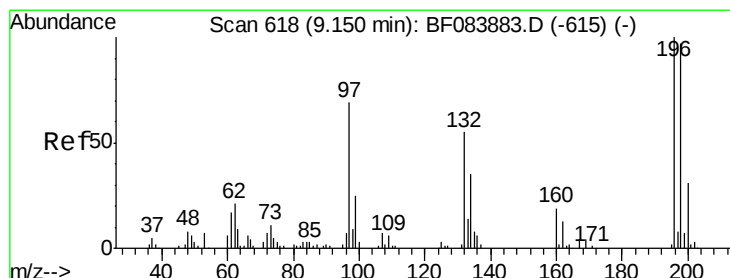
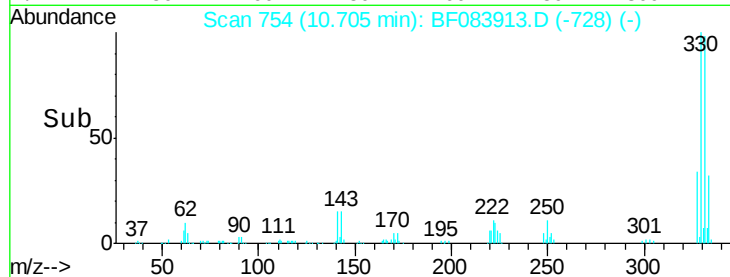
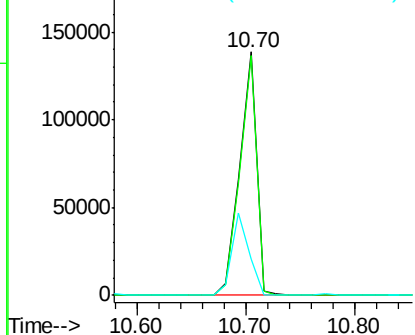
#41
 2,4,6-Tribromophenol
 Concen: 135.75 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

Tgt Ion:330 Resp: 147232
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 114.8
 141 34.7 27.8 41.6

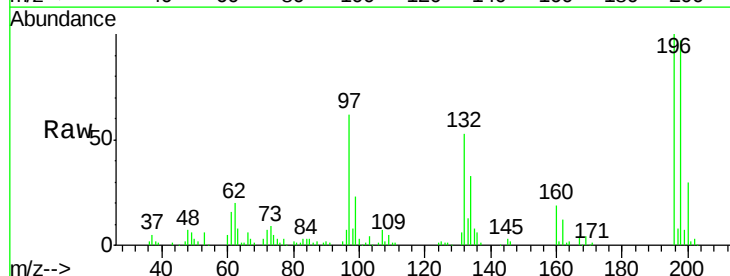


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

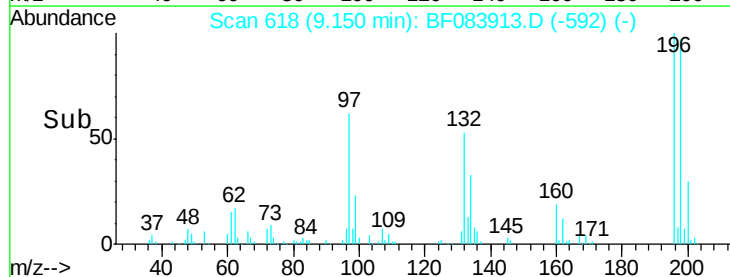
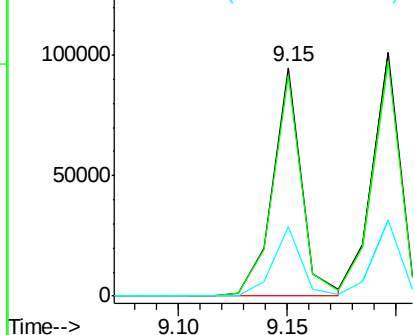


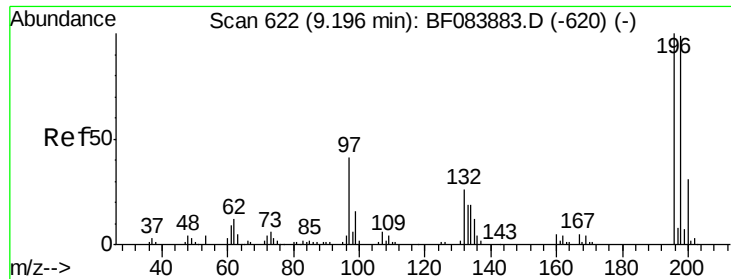
#42
 2,4,6-Trichlorophenol
 Concen: 42.88 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion:196 Resp: 87896
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.7 116.5
 200 30.4 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

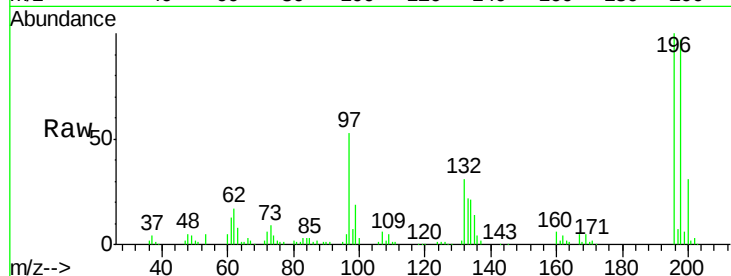




#43
 2,4,5-Trichlorophenol
 Concen: 44.91 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	79.0	118.6
97	52.8	33.0	49.6
132	30.8	21.1	31.7



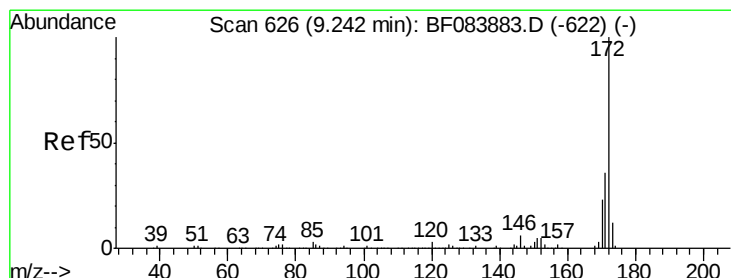
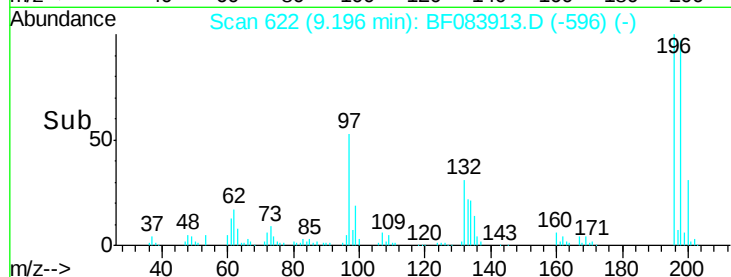
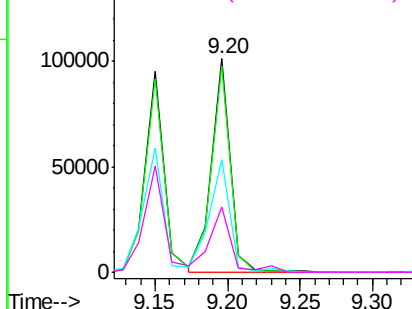
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

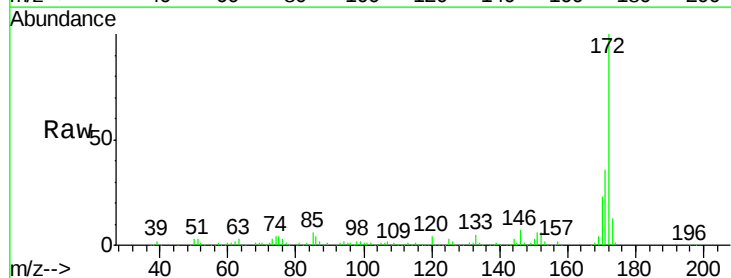
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.41 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.5	18.6	27.8

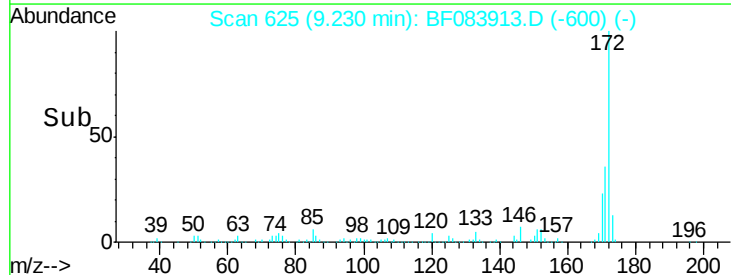
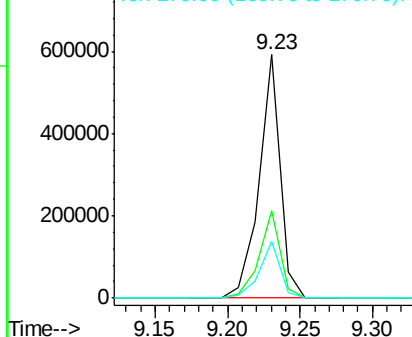


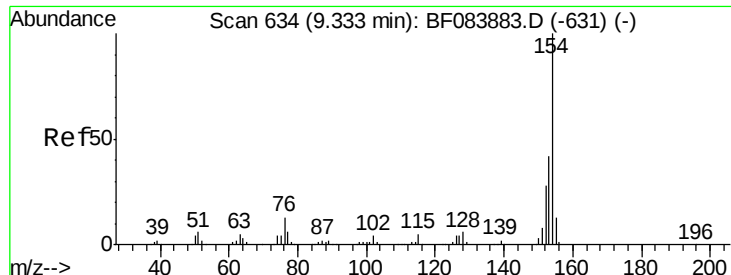
Abundance

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

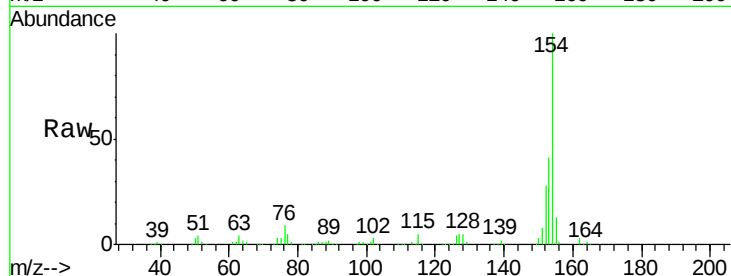




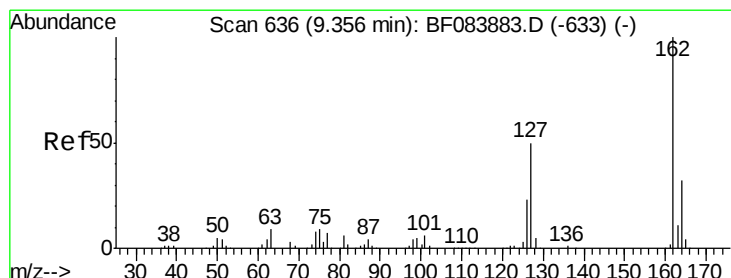
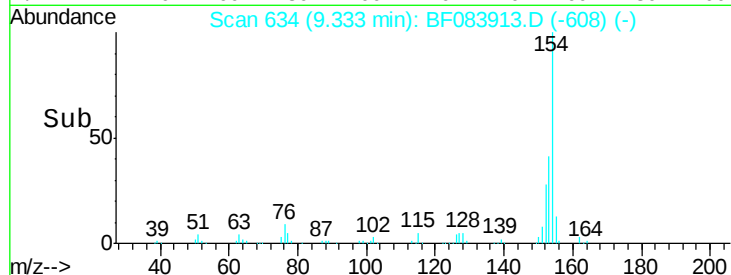
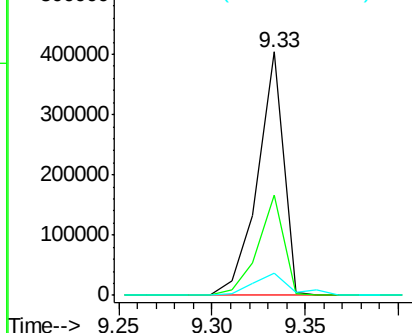
#45
 1,1'-Biphenyl
 Concen: 46.92 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

Tgt Ion:154 Resp: 387097
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.6 61.6
 76 9.1 0.0 32.7

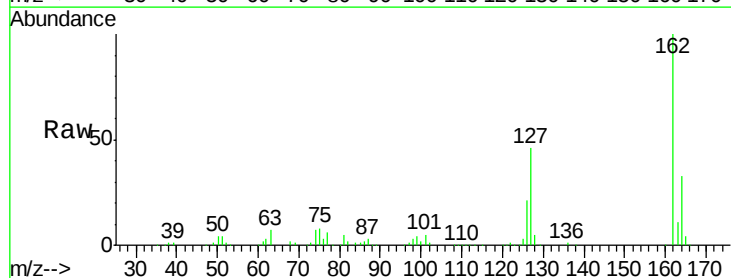


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

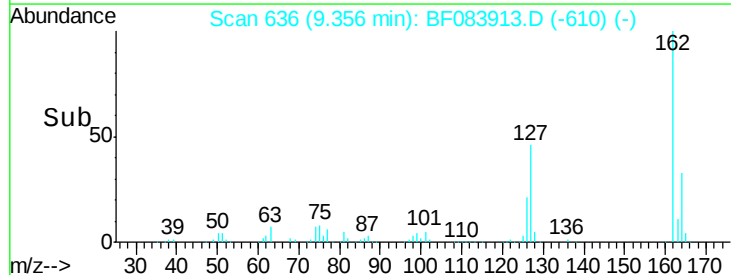
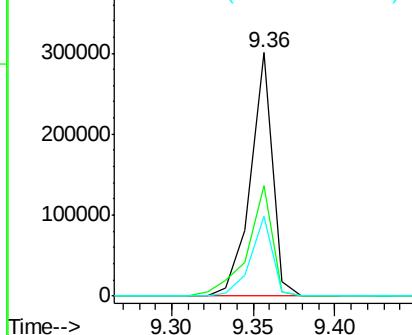


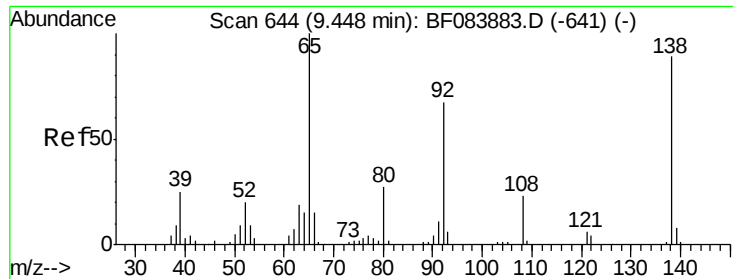
#46
 2-Chloronaphthalene
 Concen: 43.35 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion:162 Resp: 280859
 Ion Ratio Lower Upper
 162 100
 127 45.6 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

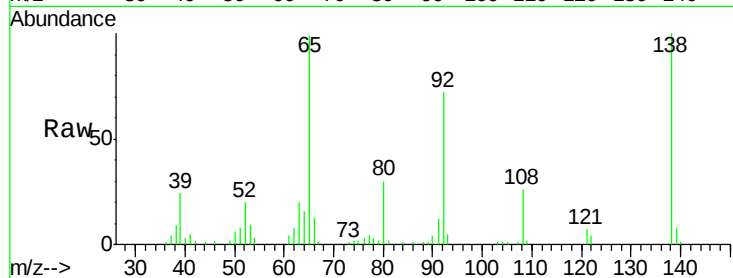




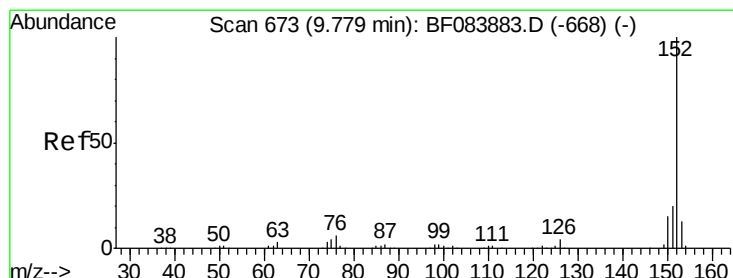
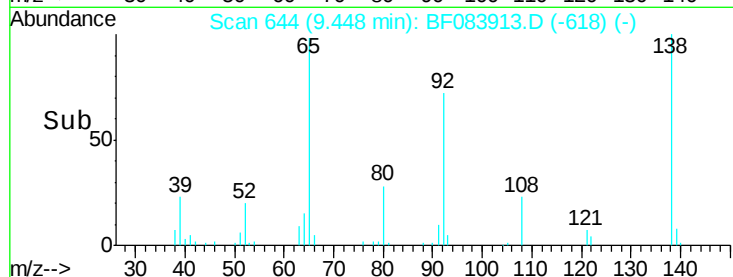
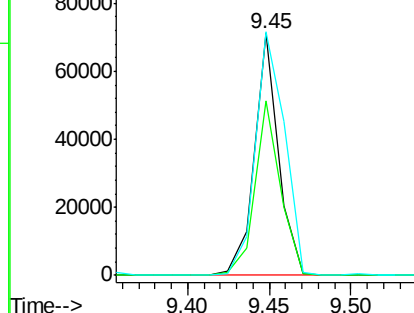
#47
2-Nitroaniline
Concen: 37.43 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Tgt Ion: 65 Resp: 72878
Ion Ratio Lower Upper
65 100
92 72.2 53.4 80.2
138 100.6 71.1 106.7

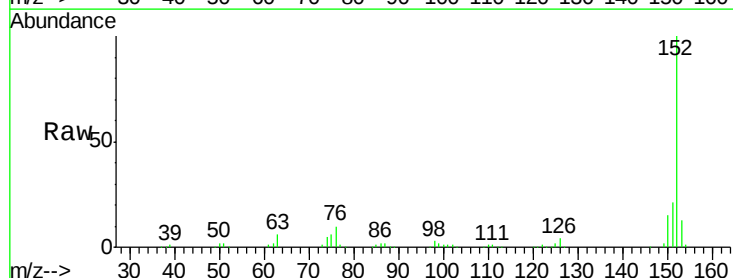


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

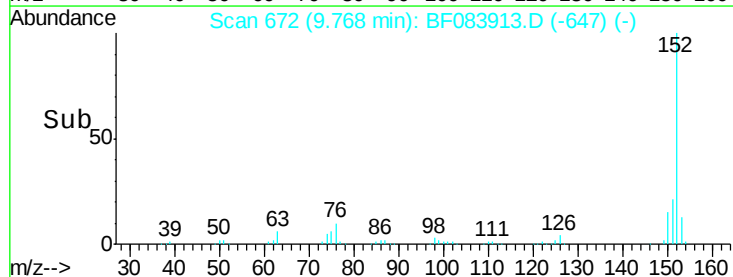
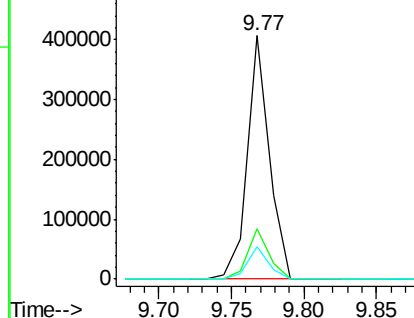


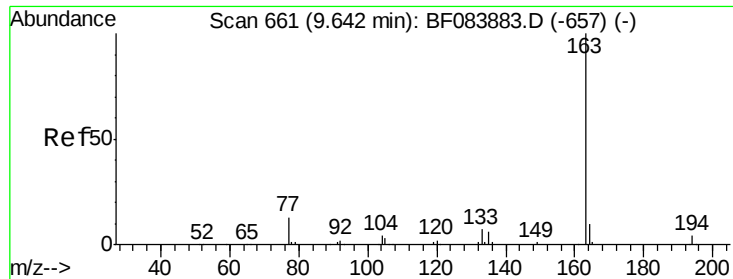
#48
Acenaphthylene
Concen: 37.19 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion: 152 Resp: 426838
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.2 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

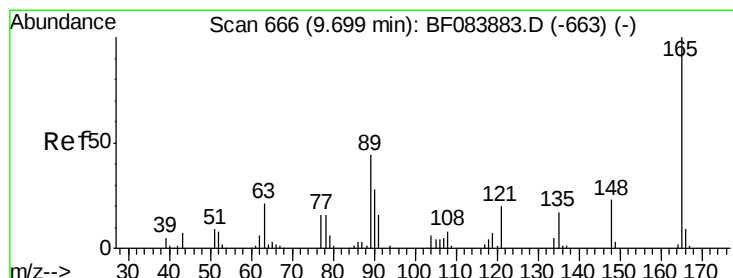
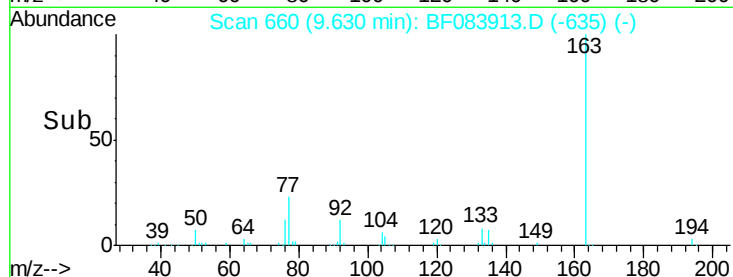
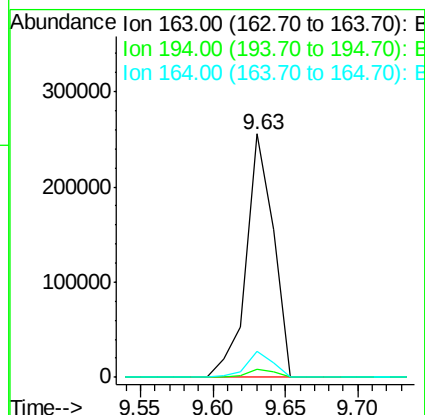
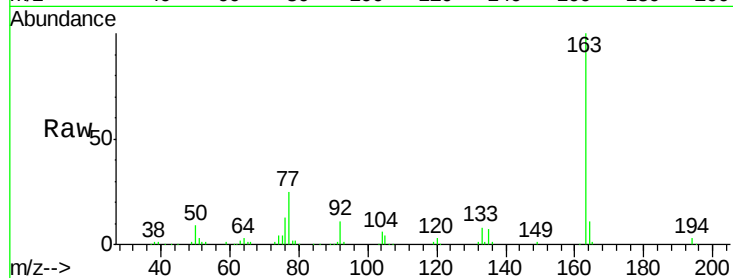




#49
Dimethylphthalate
Concen: 40.19 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

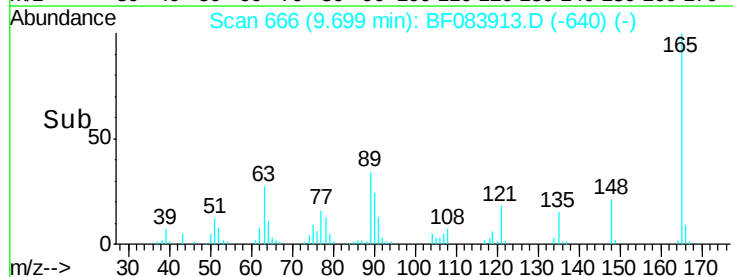
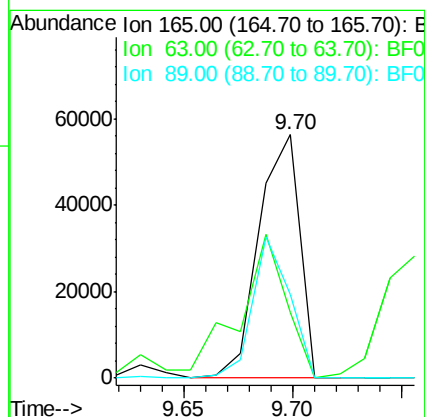
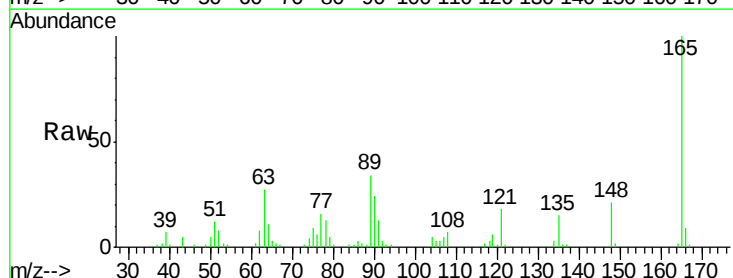
Instrument :
BNA_F
ClientSampleId :
PB87340BS

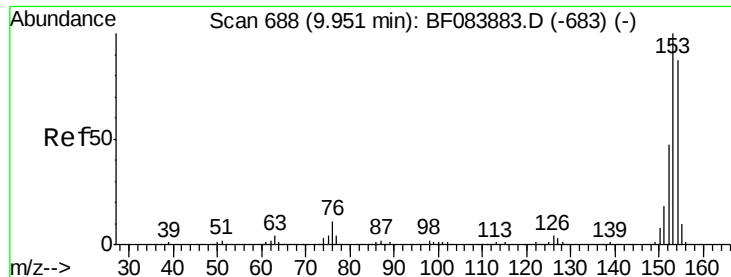
Tgt Ion:163 Resp: 332048
Ion Ratio Lower Upper
163 100
194 3.1 8.0 12.0#
164 10.5 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 41.12 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion:165 Resp: 74110
Ion Ratio Lower Upper
165 100
63 26.9 28.8 43.2#
89 34.1 35.1 52.7#

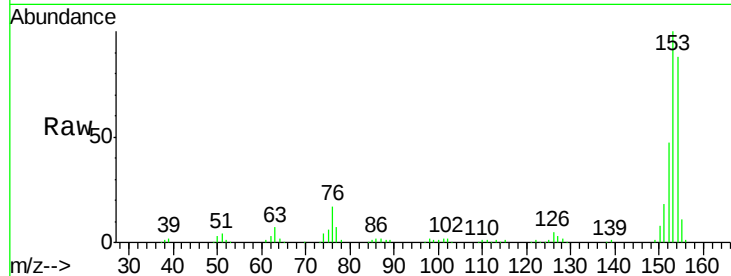




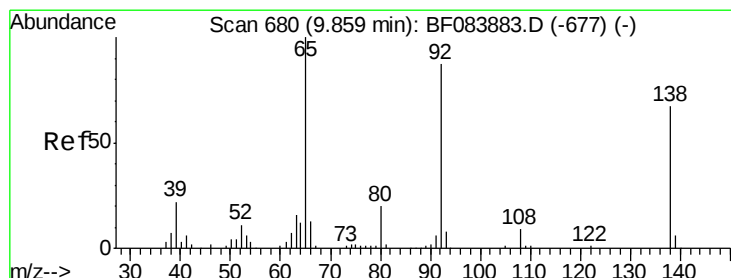
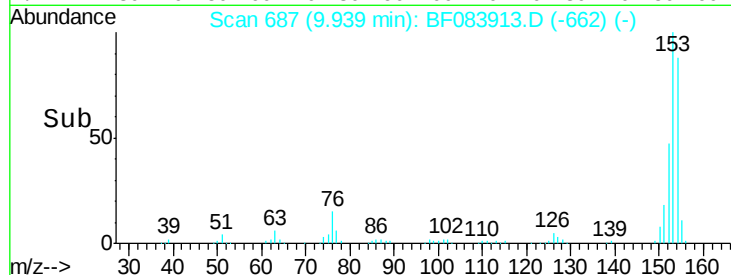
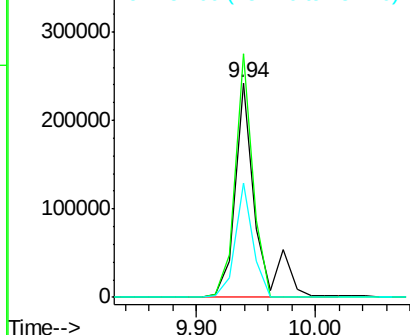
#51
Acenaphthene
Concen: 42.74 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Tgt Ion:154 Resp: 301587
Ion Ratio Lower Upper
154 100
153 113.5 91.5 137.3
152 53.6 43.0 64.6

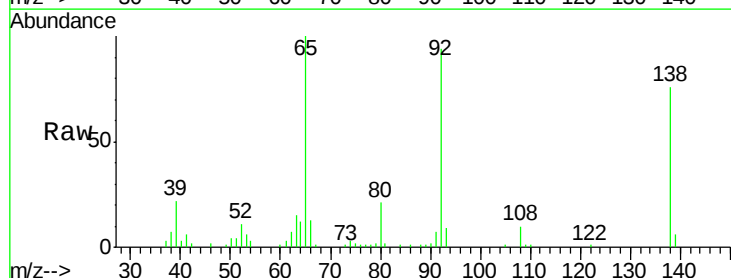


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

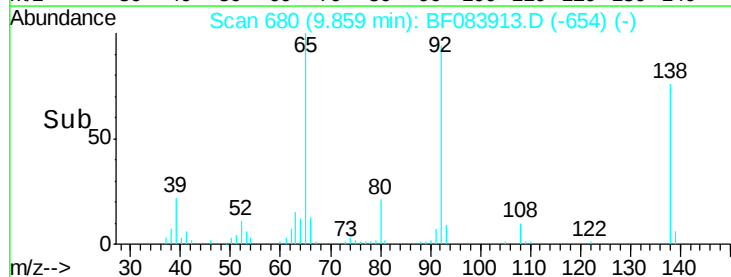
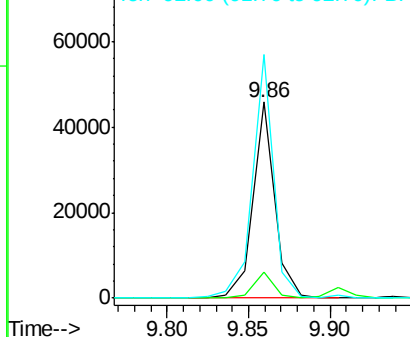


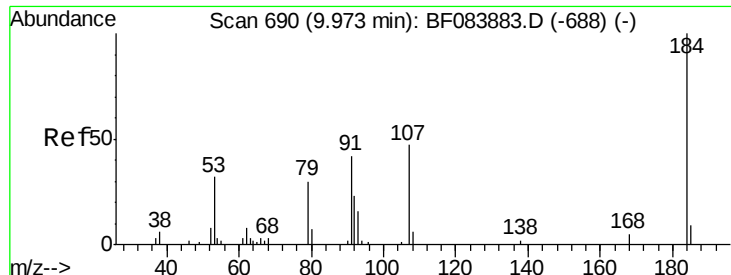
#52
3-Nitroaniline
Concen: 22.21 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion:138 Resp: 42178
Ion Ratio Lower Upper
138 100
108 13.1 10.5 15.7
92 124.3 103.9 155.9



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

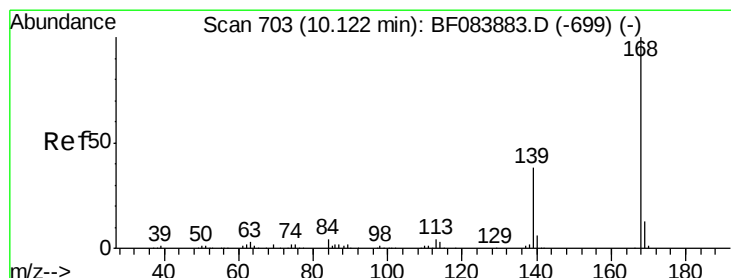
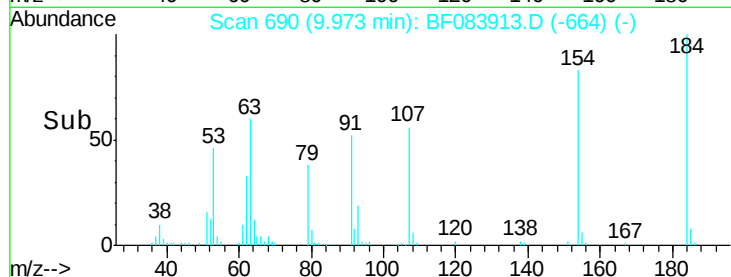
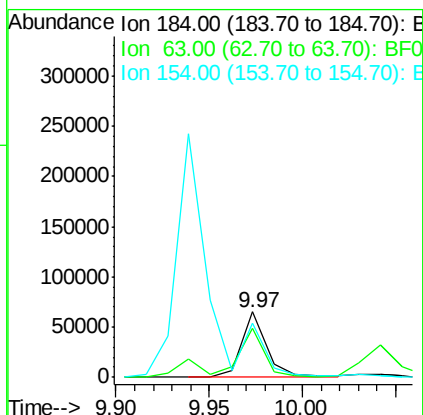
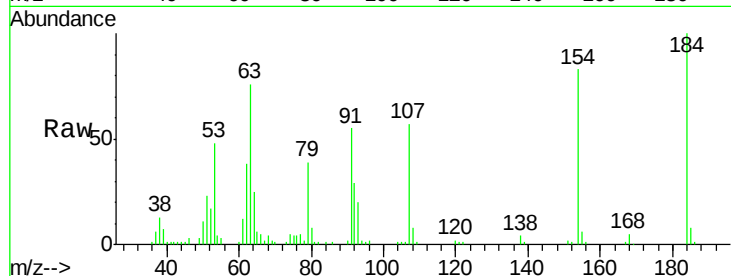




#53
2,4-Dinitrophenol
Concen: 94.56 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

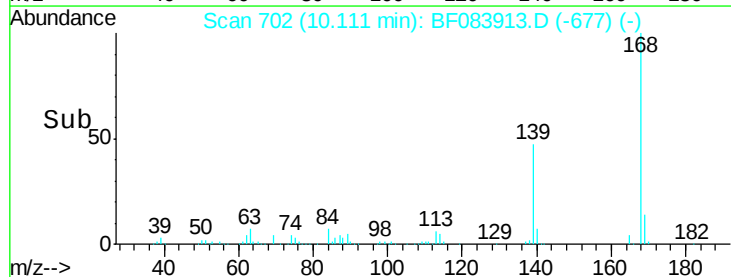
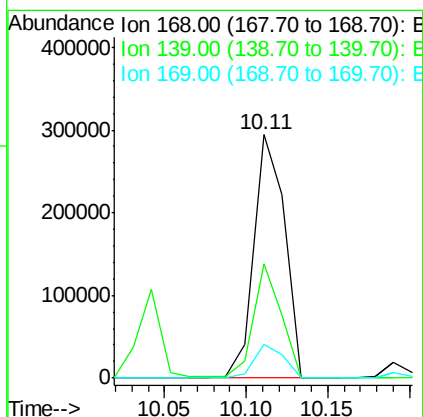
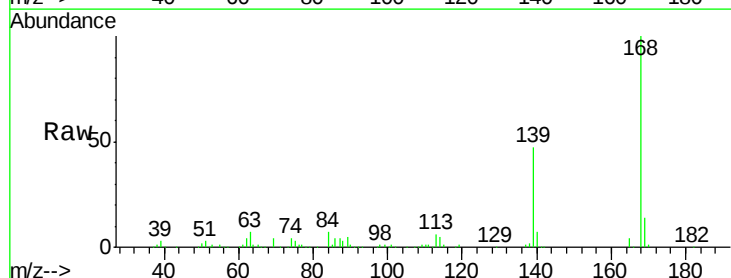
Instrument :
BNA_F
ClientSampleId :
PB87340BS

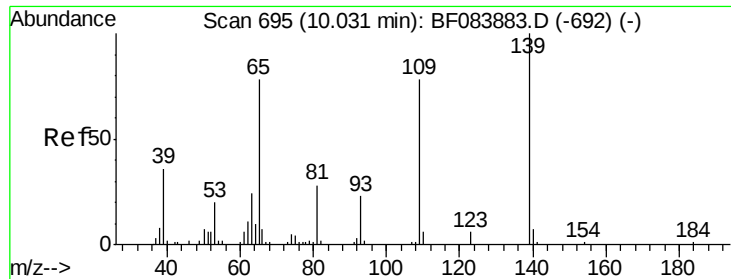
Tgt Ion:184 Resp: 62576
Ion Ratio Lower Upper
184 100
63 76.3 43.1 64.7#
154 82.8 60.5 90.7



#54
Dibenzofuran
Concen: 41.96 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion:168 Resp: 384573
Ion Ratio Lower Upper
168 100
139 47.1 30.5 45.7#
169 13.7 10.4 15.6

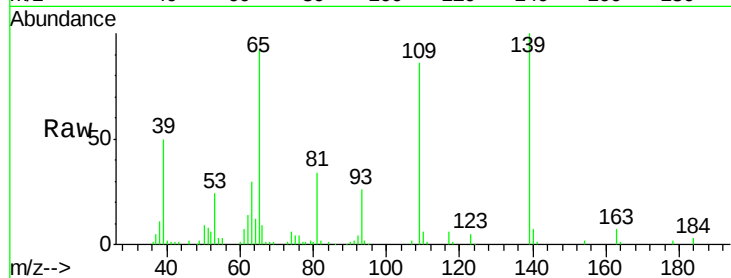




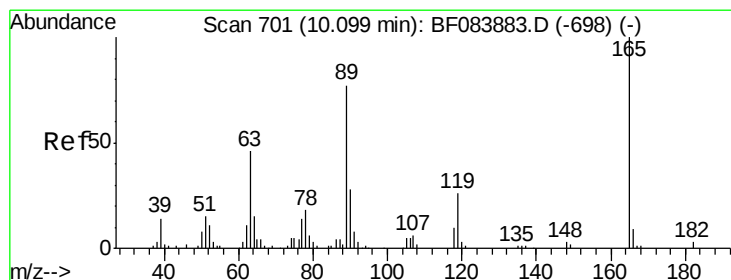
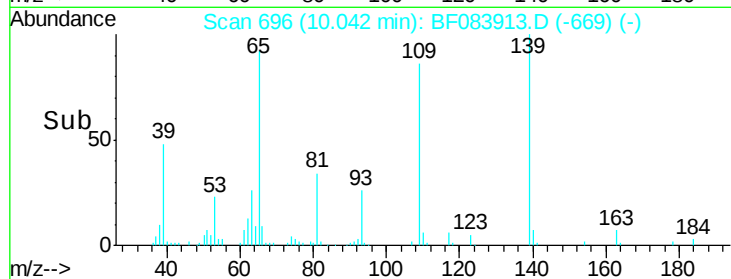
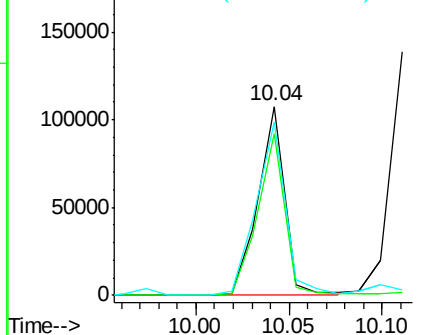
#55
4-Nitrophenol
Concen: 89.59 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Instrument :
BNA_F
ClientSampleId :
PB87340BS

Tgt Ion:139 Resp: 106244
Ion Ratio Lower Upper
139 100
109 85.8 58.5 98.5
65 92.2 57.6 97.6

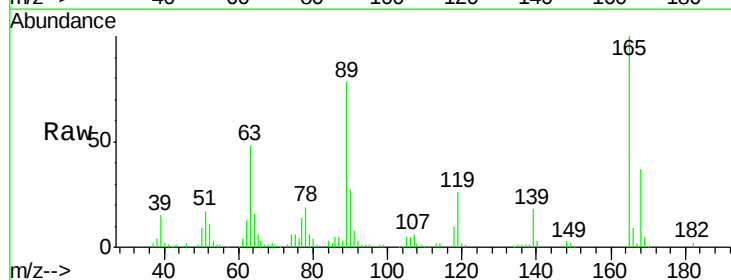


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

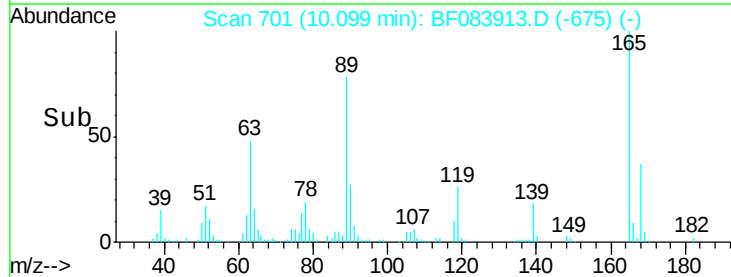
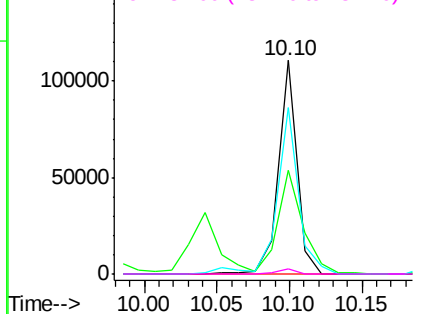


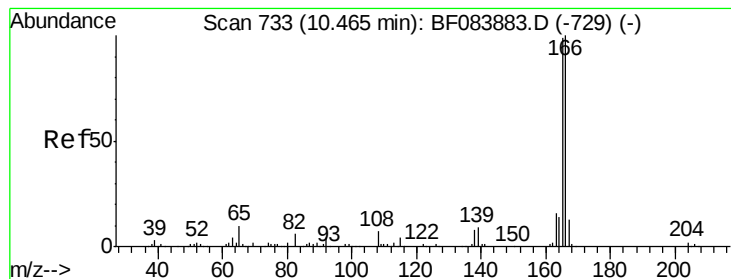
#56
2,4-Dinitrotoluene
Concen: 42.32 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion:165 Resp: 97754
Ion Ratio Lower Upper
165 100
63 48.4 36.7 55.1
89 77.9 61.9 92.9
182 2.3 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: 43.23 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

ClientSampleId :

PB87340BS

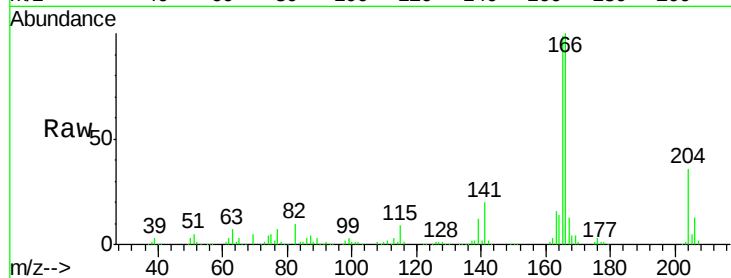
Tgt Ion:166 Resp: 302146

Ion Ratio Lower Upper

166 100

165 98.7 79.1 118.7

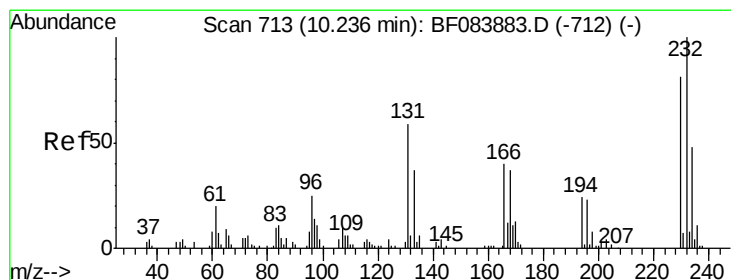
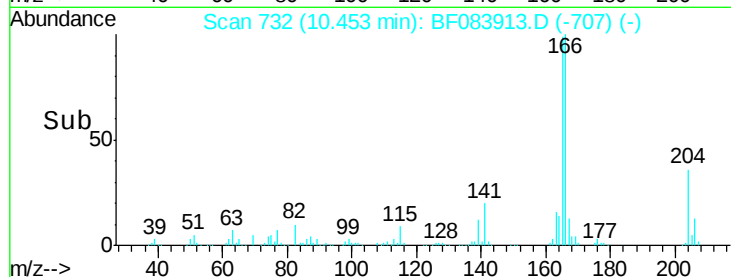
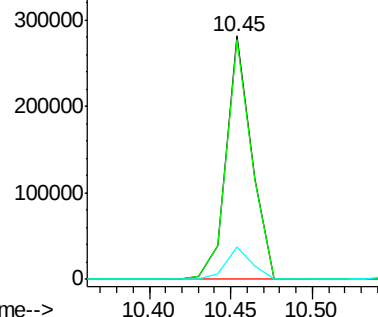
167 13.3 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.49 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.05 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Tgt Ion:232 Resp: 65264

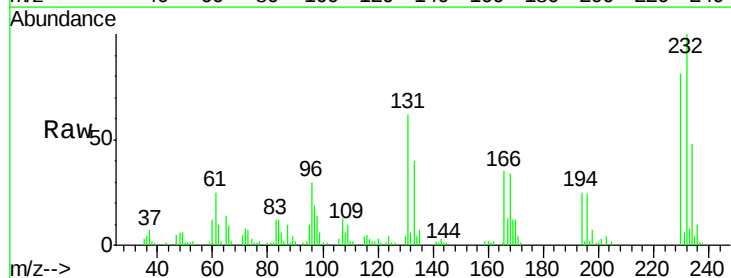
Ion Ratio Lower Upper

232 100

131 50.4 47.0 70.6

130 2.7 2.0 3.0

166 30.6 30.5 45.7

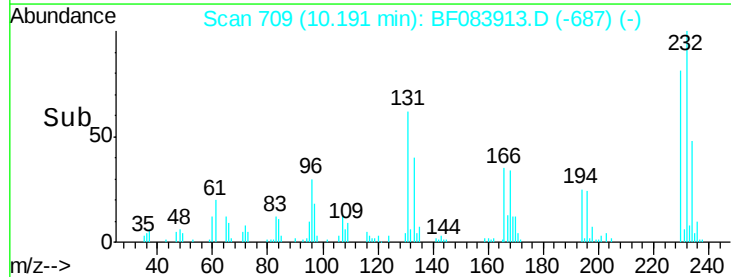
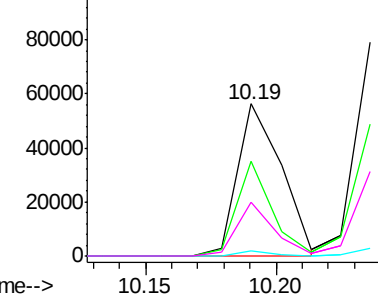


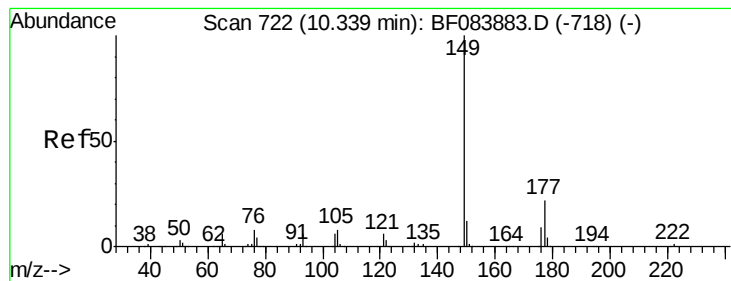
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.87 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

ClientSampleId :

PB87340BS

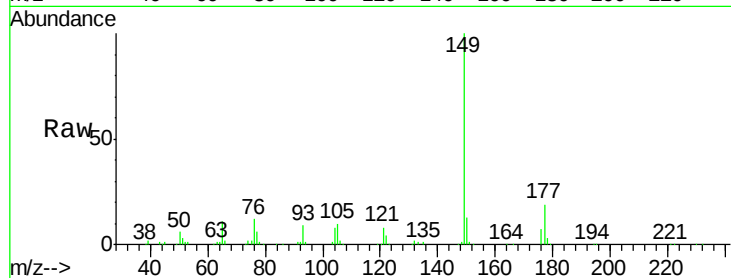
Tgt Ion:149 Resp: 340495

Ion Ratio Lower Upper

149 100

177 18.6 17.3 25.9

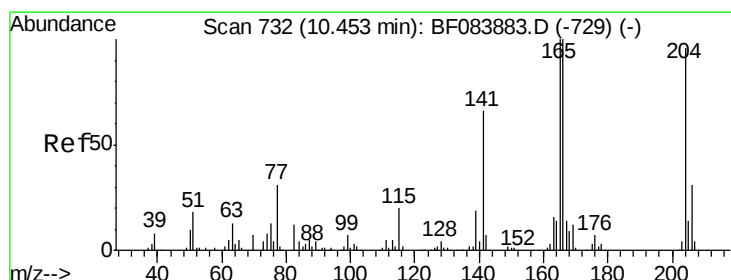
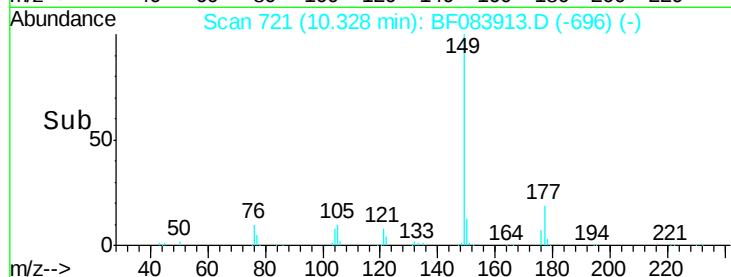
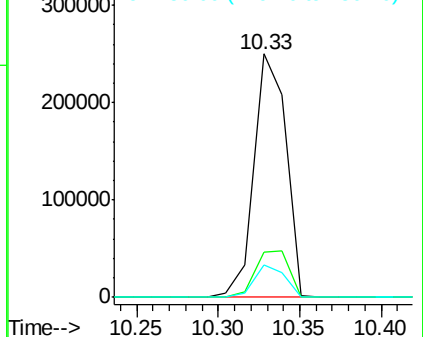
150 13.1 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.18 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

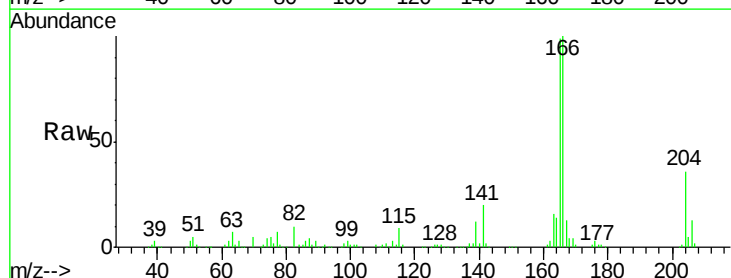
Tgt Ion:204 Resp: 137641

Ion Ratio Lower Upper

204 100

206 34.5 25.7 38.5

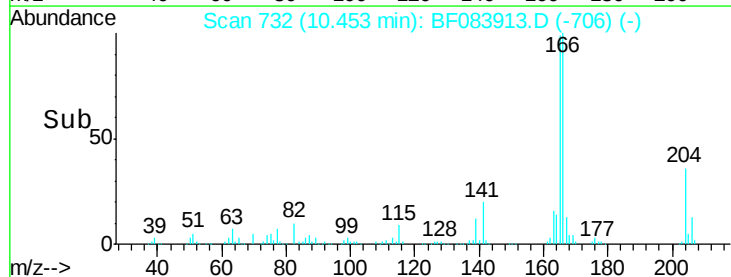
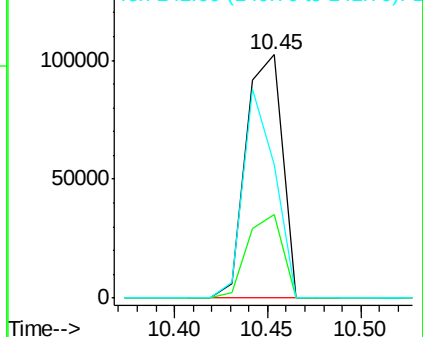
141 54.6 55.1 82.7#

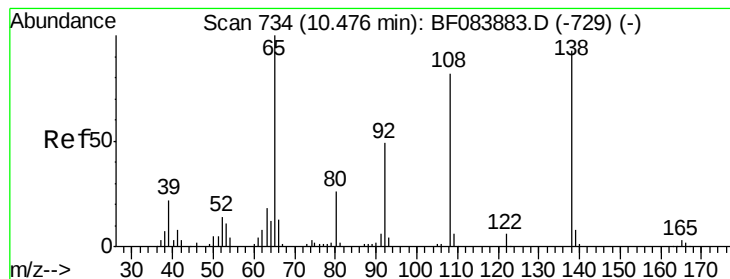


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.87 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

ClientSampleId :

PB87340BS

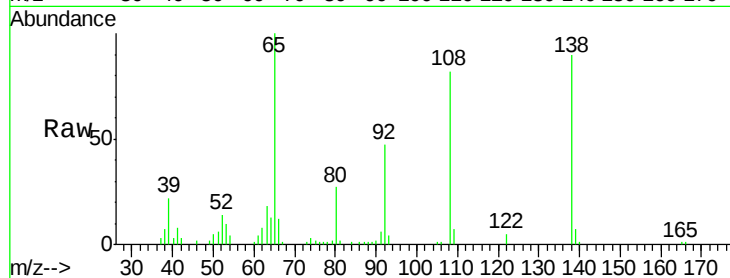
Tgt Ion:138 Resp: 68532

Ion Ratio Lower Upper

138 100

92 52.1 32.6 72.6

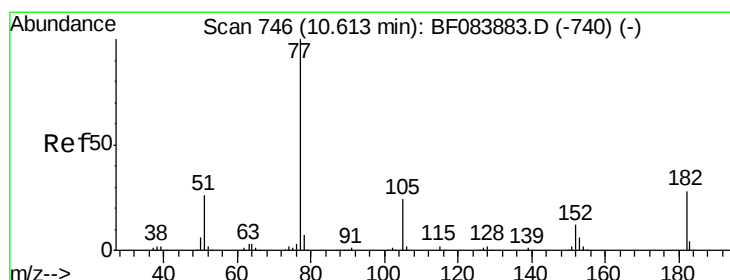
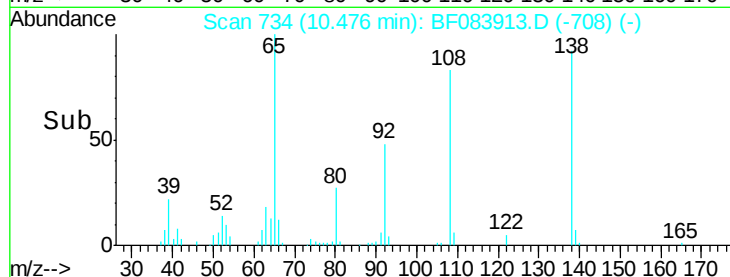
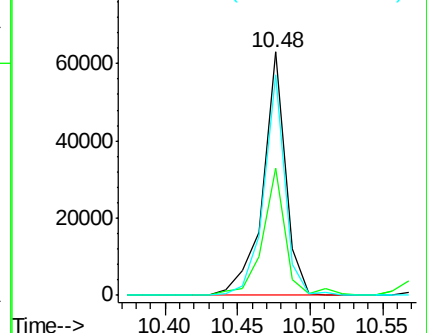
108 90.8 68.6 108.6



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: 45.90 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Tgt Ion: 77 Resp: 328606

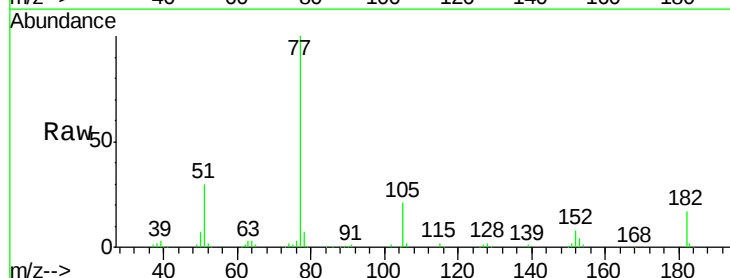
Ion Ratio Lower Upper

77 100

182 16.9 8.3 48.3

105 21.3 4.6 44.6

51 30.2 6.2 46.2

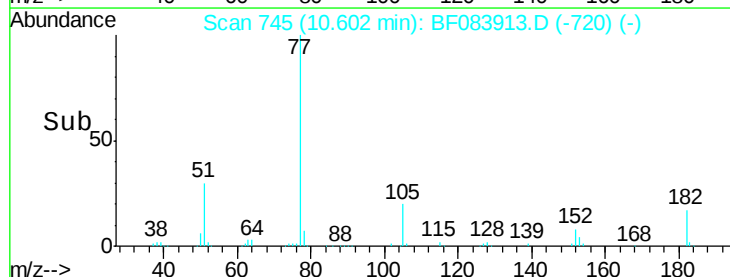
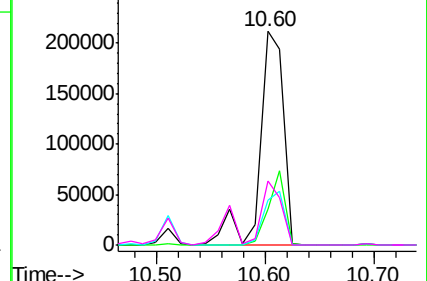


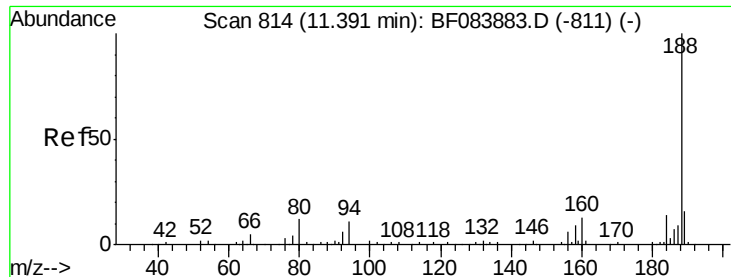
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

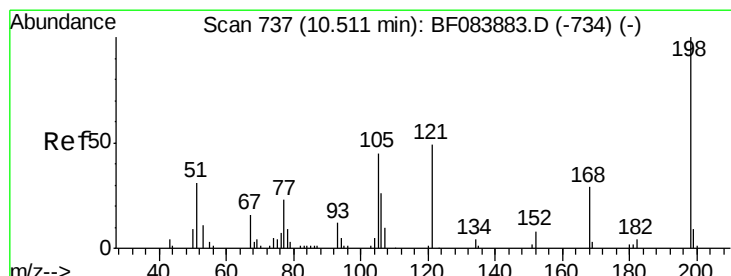
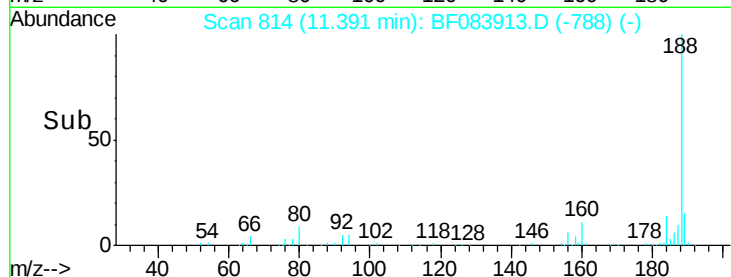
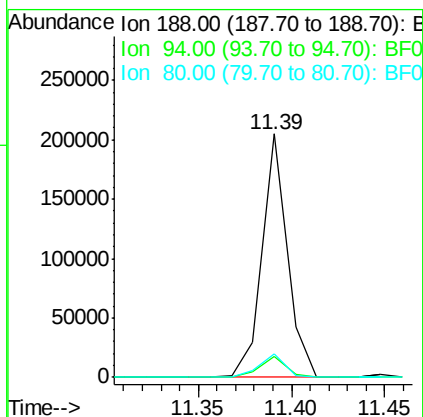
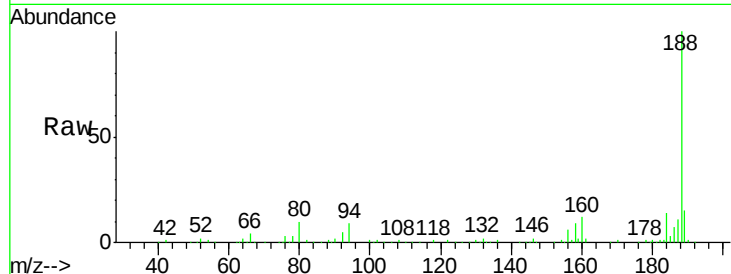




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

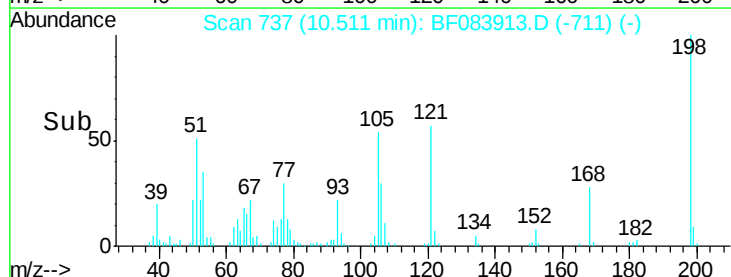
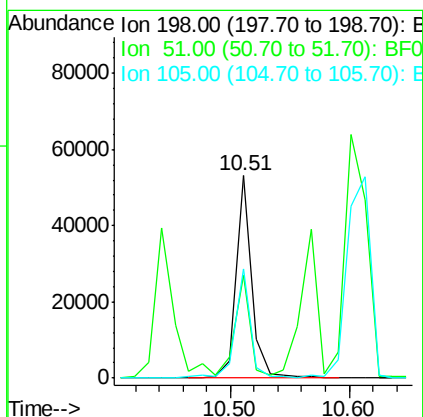
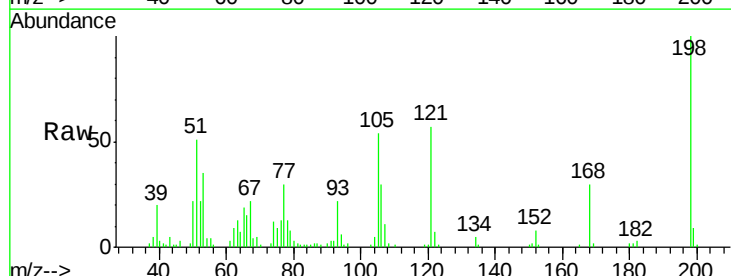
Instrument :
BNA_F
ClientSampleId :
PB87340BS

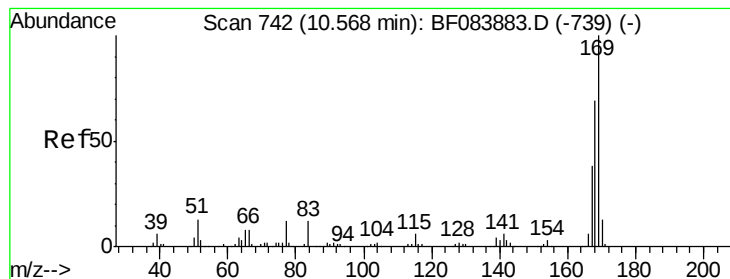
Tgt Ion:188 Resp: 191072
Ion Ratio Lower Upper
188 100
94 8.6 9.0 13.4#
80 9.7 9.6 14.4



#64
4,6-Dinitro-2-methylphenol
Concen: 41.84 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion:198 Resp: 48475
Ion Ratio Lower Upper
198 100
51 50.8 18.9 58.9
105 54.0 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 40.38 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

ClientSampleId :

PB87340BS

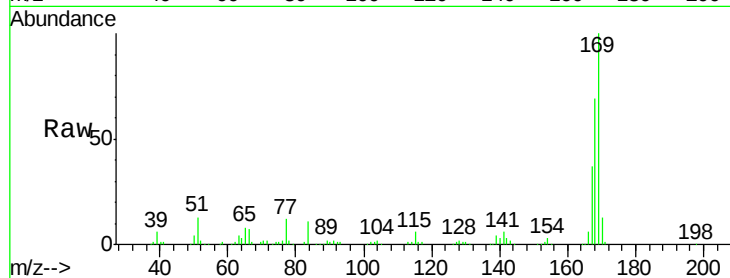
Tgt Ion:169 Resp: 280742

Ion Ratio Lower Upper

169 100

168 69.1 55.1 82.7

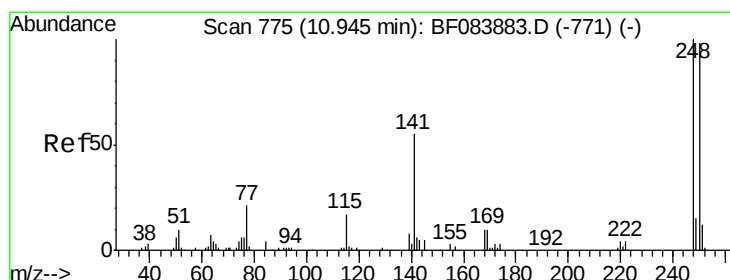
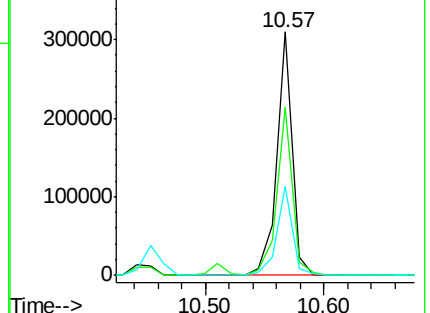
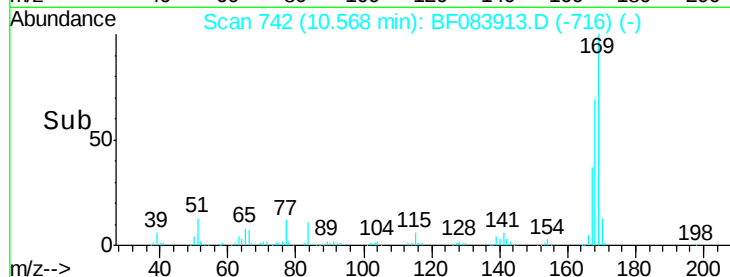
167 36.6 30.0 45.0



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: 36.55 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

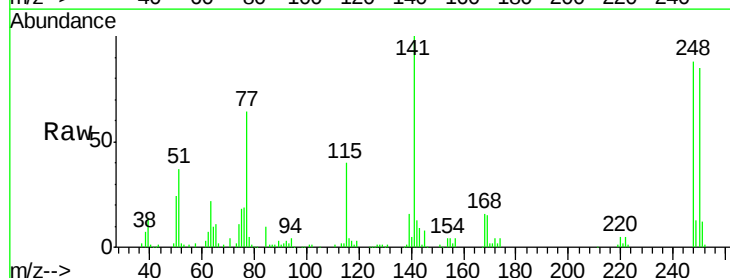
Tgt Ion:248 Resp: 85379

Ion Ratio Lower Upper

248 100

250 96.1 78.4 117.6

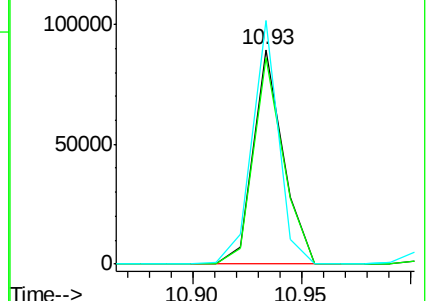
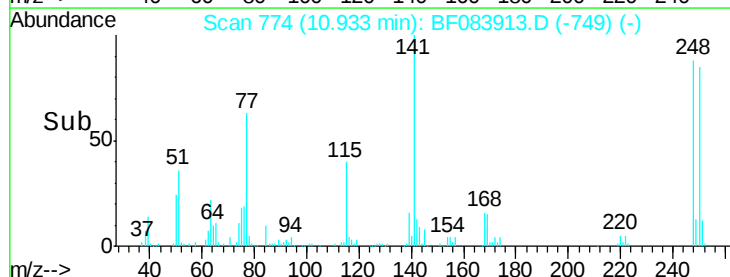
141 113.5 44.0 66.0#

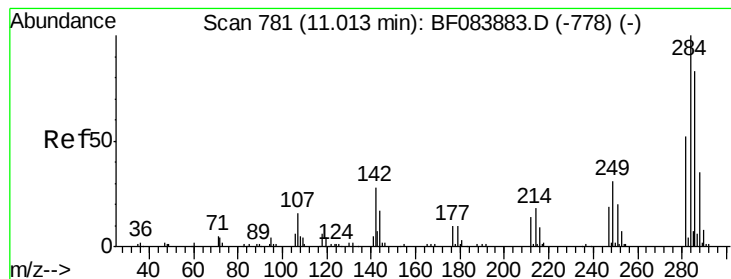


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.70 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

ClientSampleId :

PB87340BS

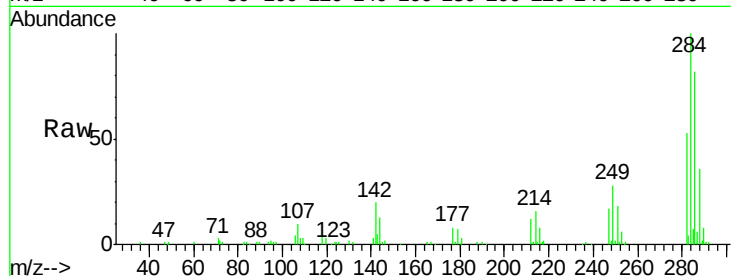
Tgt Ion:284 Resp: 102564

Ion Ratio Lower Upper

284 100

142 20.2 22.2 33.4#

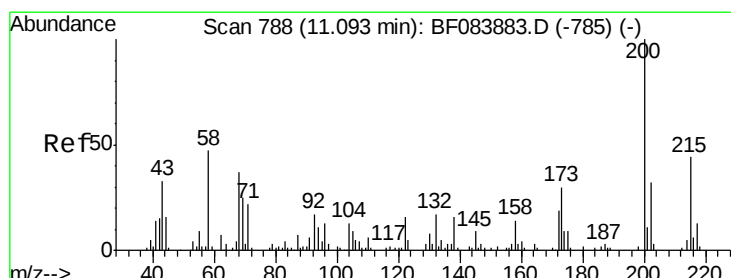
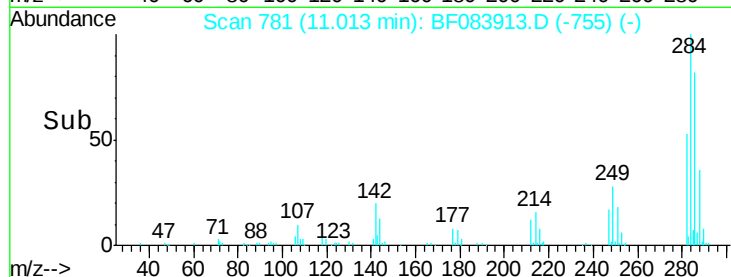
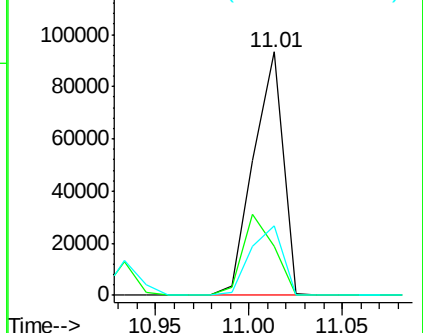
249 28.5 24.6 37.0



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: 37.59 ng

RT: 11.09 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

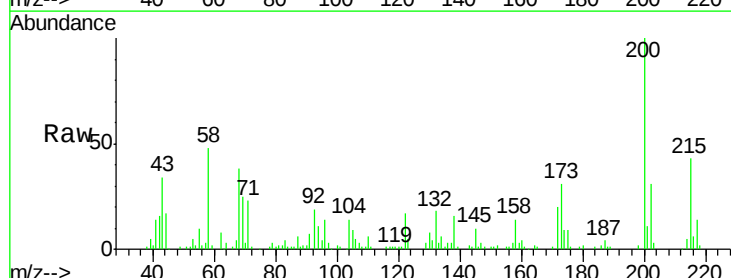
Tgt Ion:200 Resp: 82788

Ion Ratio Lower Upper

200 100

173 31.2 9.5 49.5

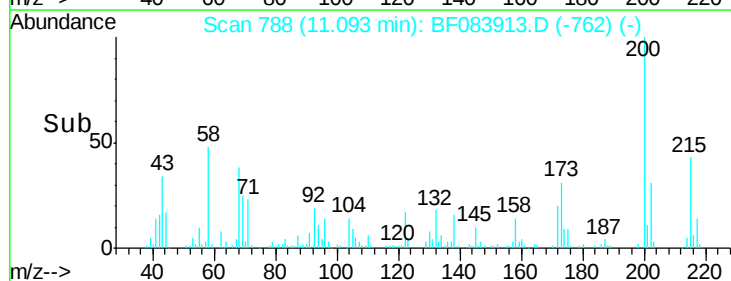
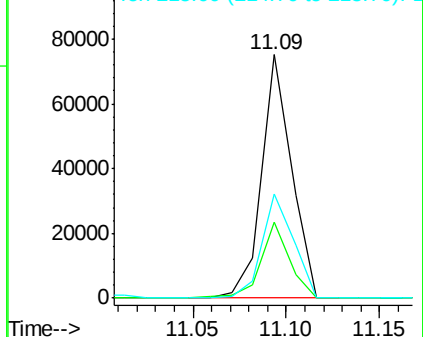
215 43.0 23.8 63.8

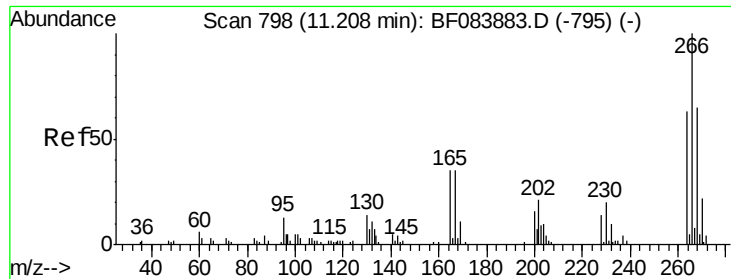


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

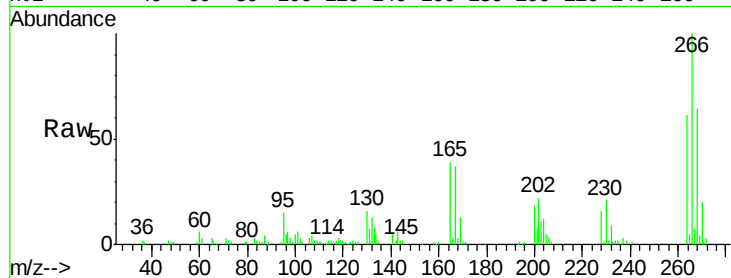




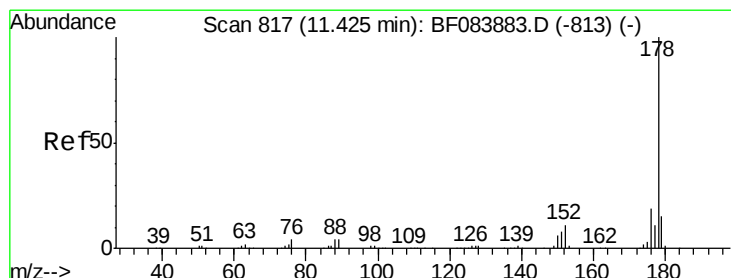
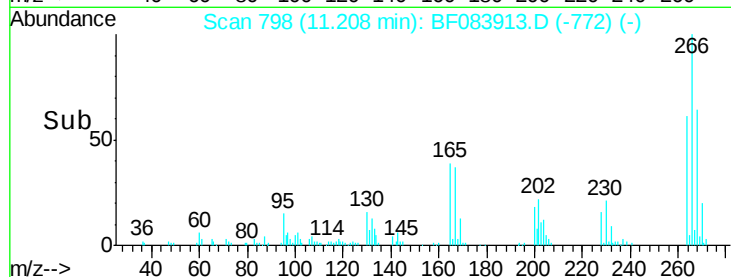
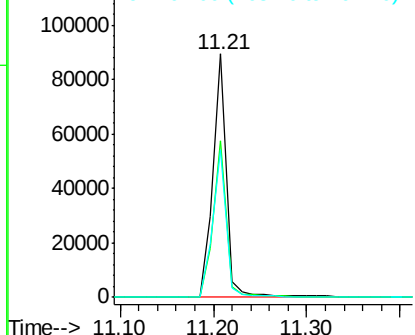
#69
 Pentachlorophenol
 Concen: 86.76 ng
 RT: 11.21 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

Tgt Ion: 266 Resp: 91003
 Ion Ratio Lower Upper
 266 100
 268 64.1 52.4 78.6
 264 60.7 50.2 75.2

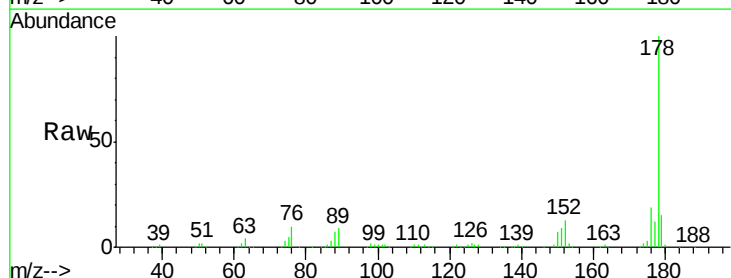


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

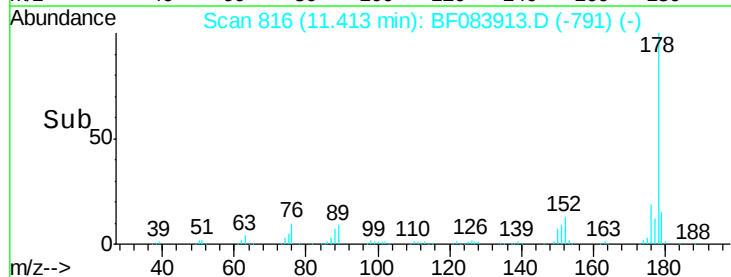
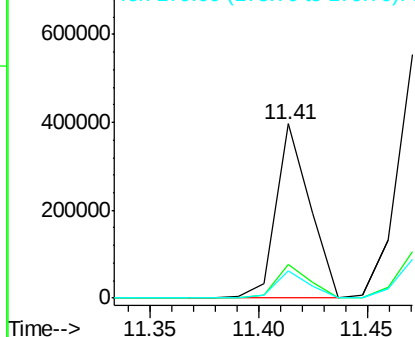


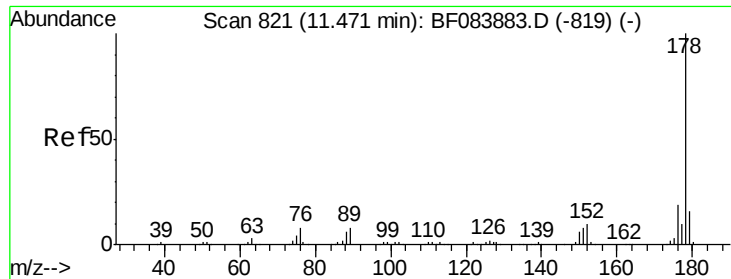
#70
 Phenanthrene
 Concen: 37.33 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion: 178 Resp: 430943
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.3 22.9
 179 15.5 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

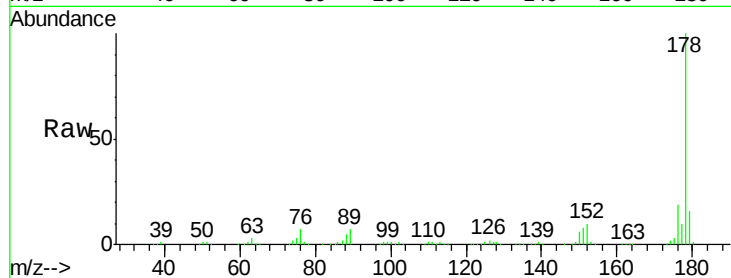




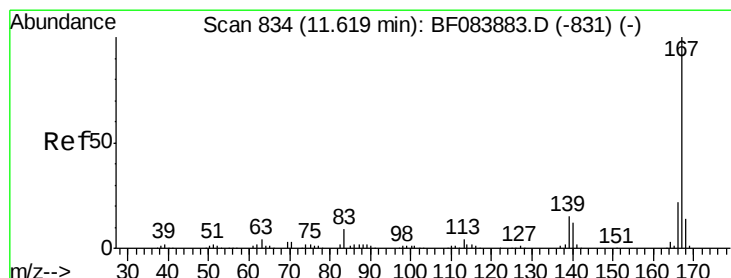
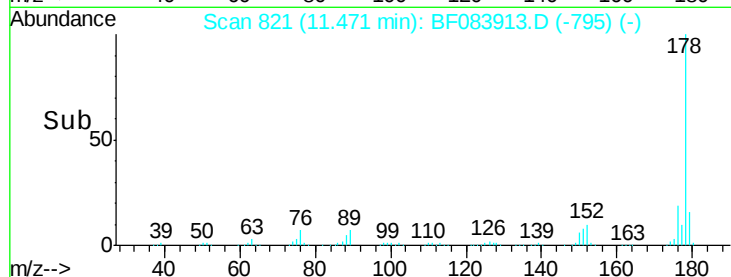
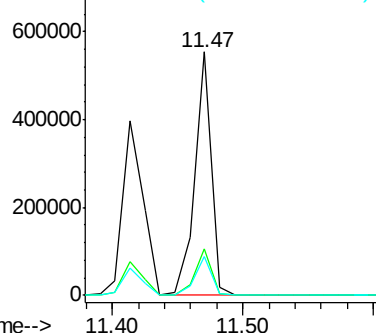
#71
 Anthracene
 Concen: 44.04 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

Tgt Ion:178 Resp: 491473
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.0
 179 15.7 12.5 18.7

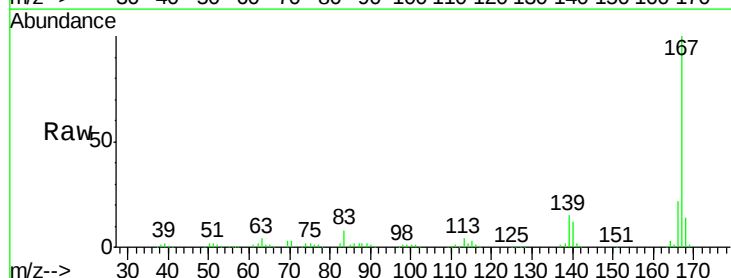


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

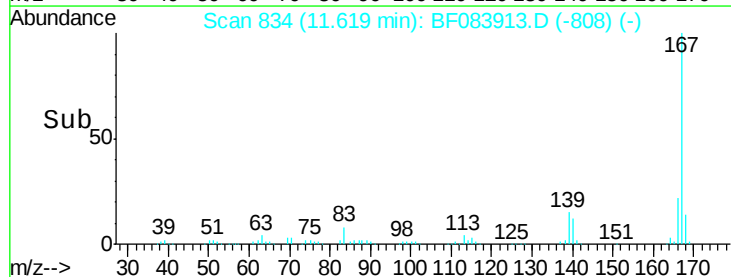
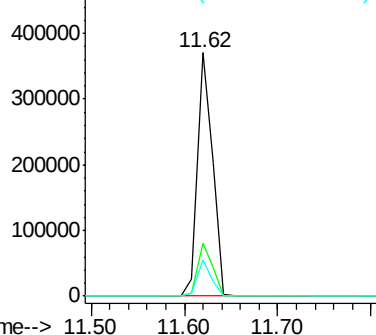


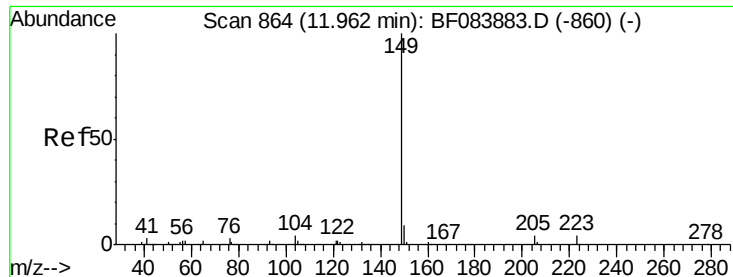
#72
 Carbazole
 Concen: 37.72 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion:167 Resp: 415900
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 14.9 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.12 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

ClientSampleId :

PB87340BS

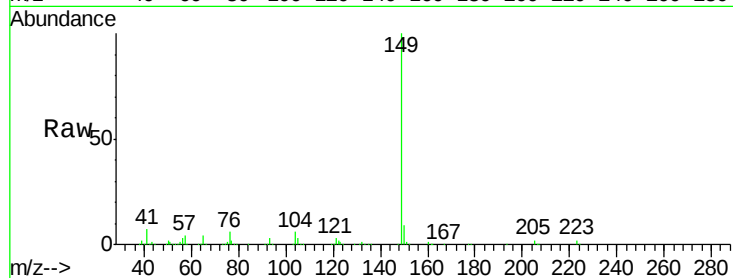
Tgt Ion:149 Resp: 532736

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

104 5.6 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

600000

500000

400000

300000

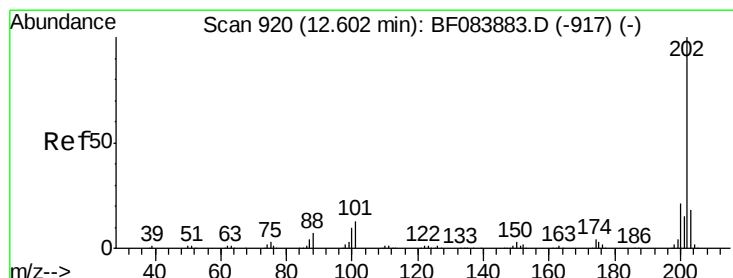
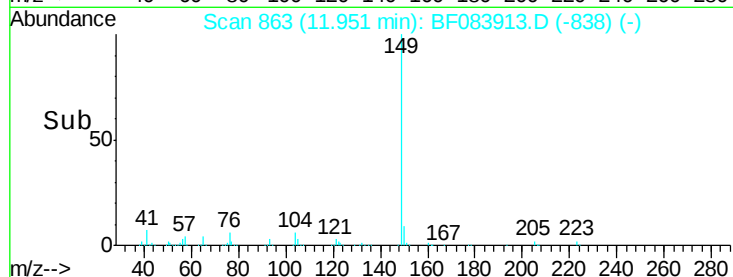
200000

100000

0

11.90 11.95 12.00

Time-->



#74

Fluoranthene

Concen: 39.66 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

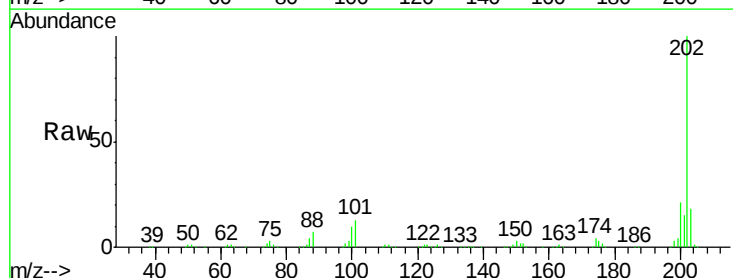
Tgt Ion:202 Resp: 456894

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.8

203 17.9 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

600000

500000

400000

300000

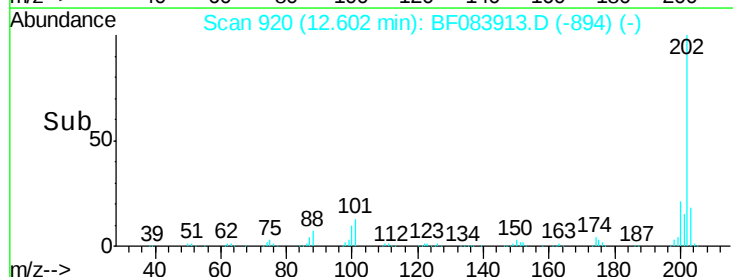
200000

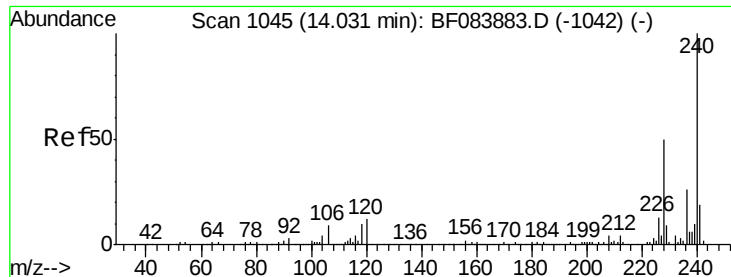
100000

0

12.50 12.60 12.70

Time-->

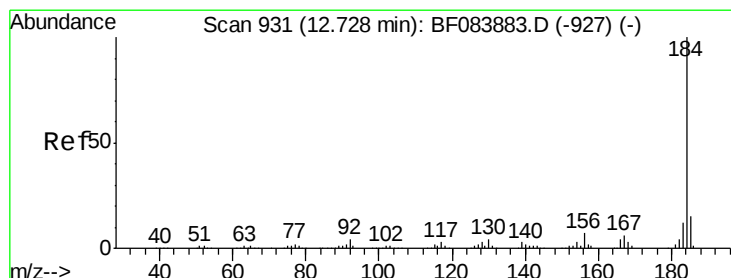
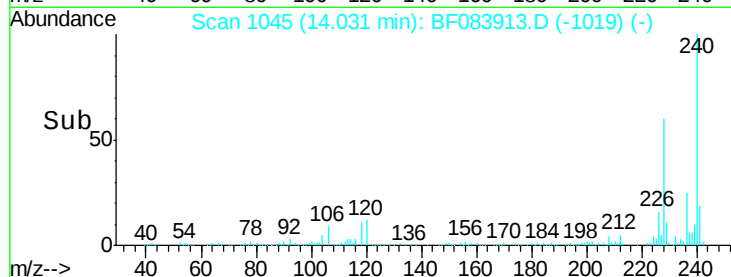
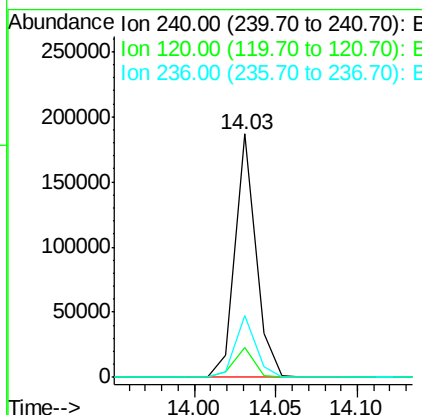
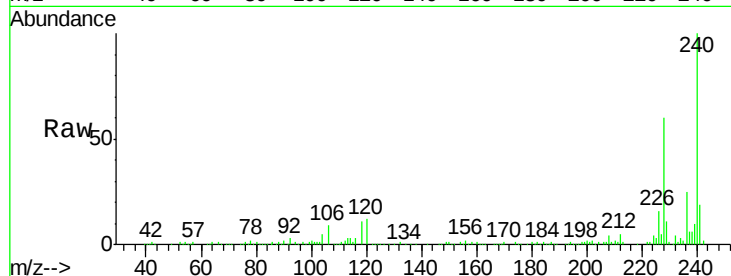




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

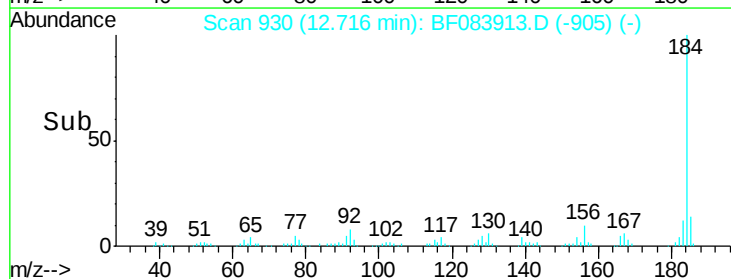
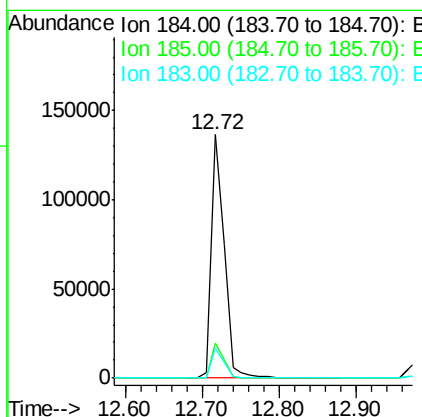
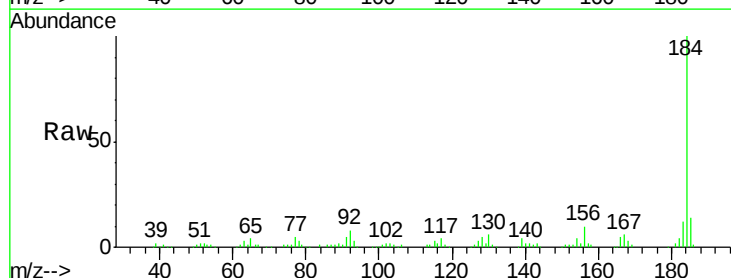
Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

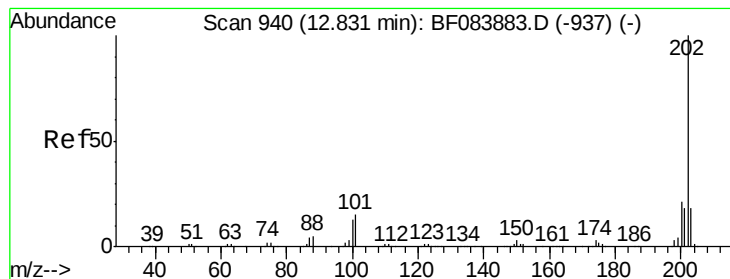
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	25.4	20.6	31.0



#76
 Benzidine
 Concen: 23.92 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.2	18.2
183	12.1	9.8	14.8





#77

Pyrene

Concen: 43.81 ng

RT: 12.83 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

ClientSampleId :

PB87340BS

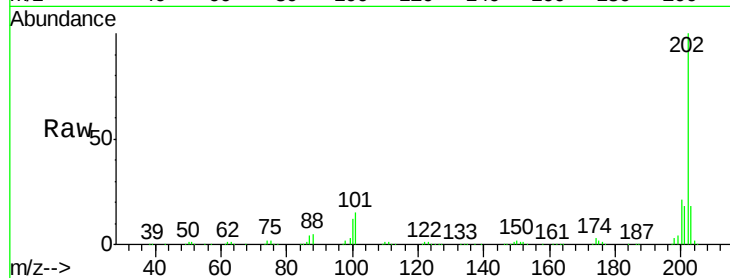
Tgt Ion:202 Resp: 456714

Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

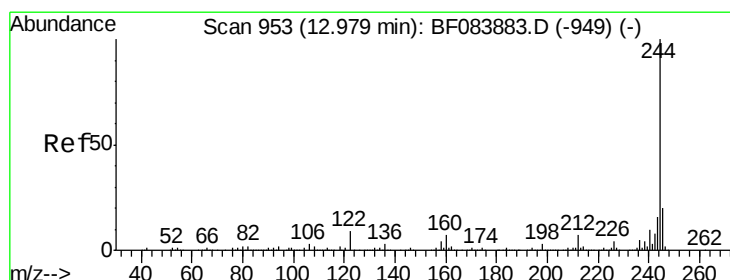
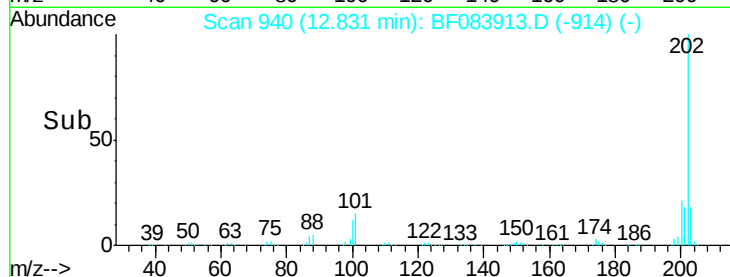
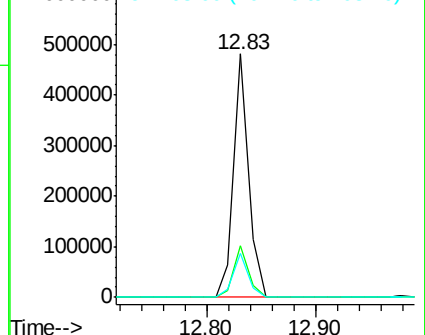
203 18.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 93.38 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

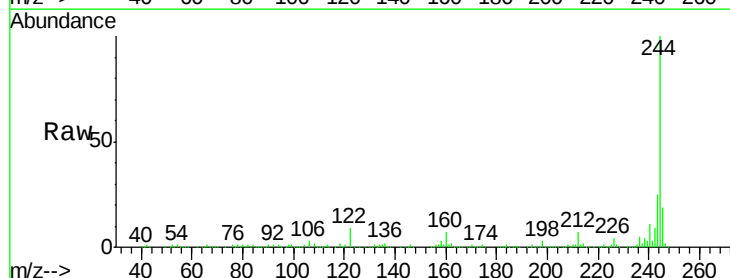
Tgt Ion:244 Resp: 651254

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

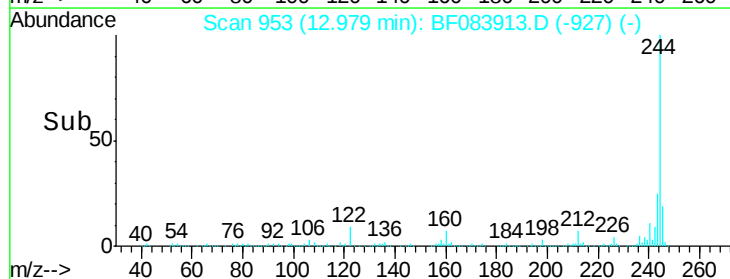
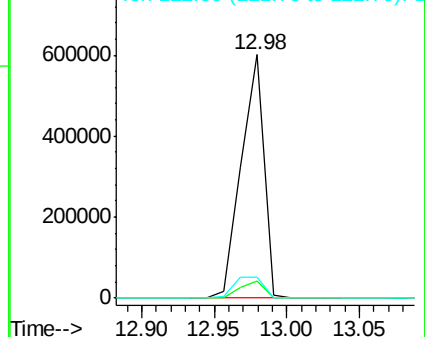
122 8.5 7.4 11.0

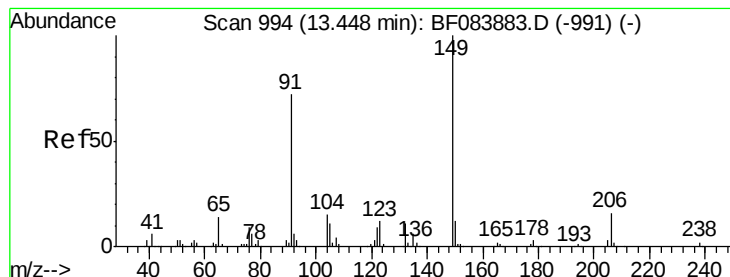


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.47 ng

RT: 13.45 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

ClientSampleId :

PB87340BS

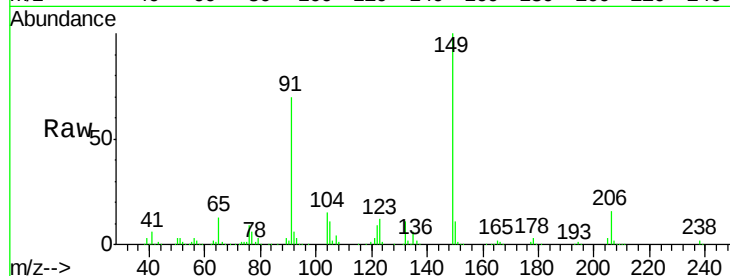
Tgt Ion:149 Resp: 237490

Ion Ratio Lower Upper

149 100

91 70.5 57.6 86.4

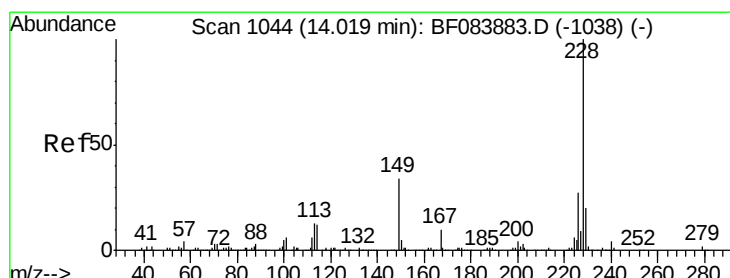
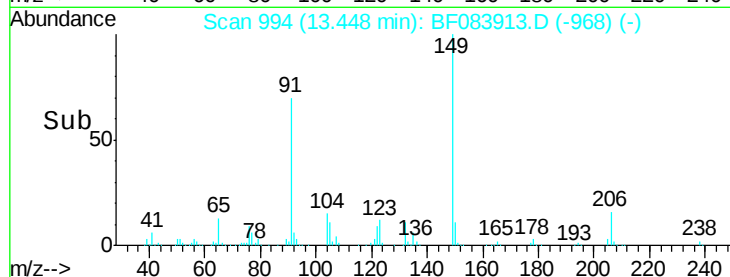
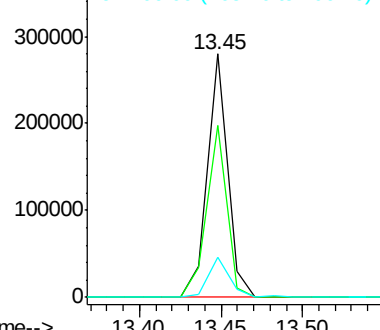
206 16.4 13.2 19.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.12 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

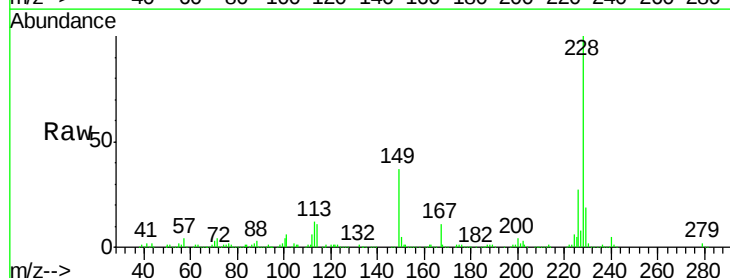
Tgt Ion:228 Resp: 394822

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.6

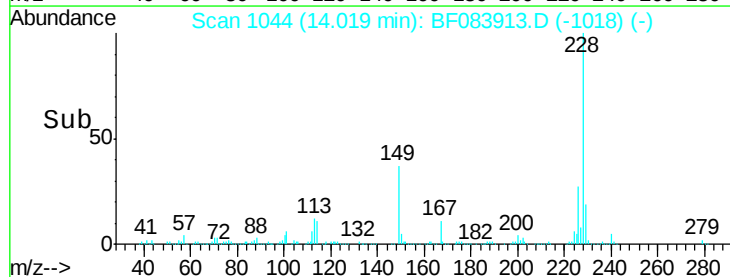
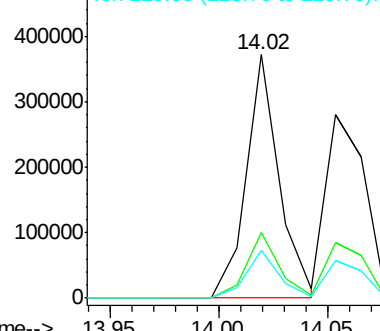
229 19.5 15.8 23.8

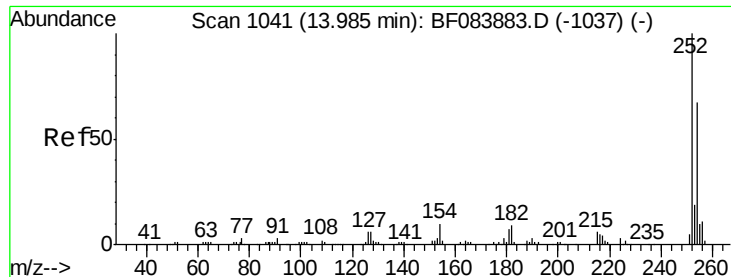


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

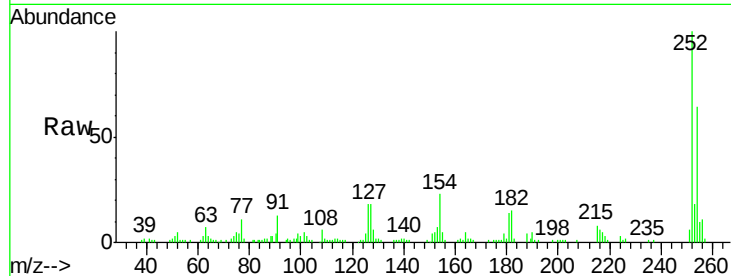




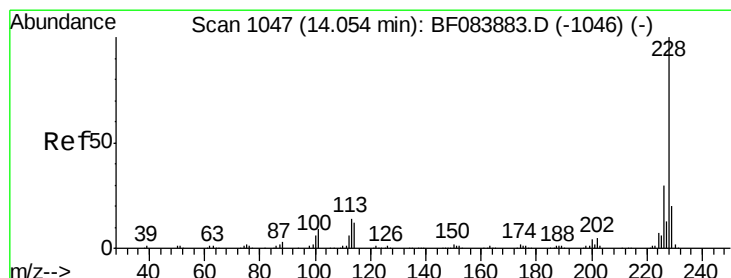
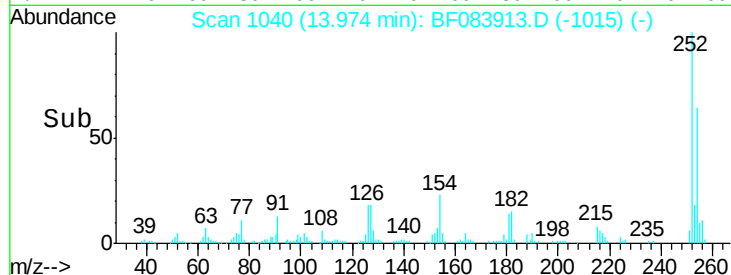
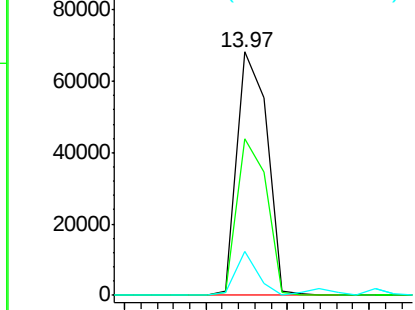
#81
 3,3'-Dichlorobenzidine
 Concen: 23.07 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

Tgt Ion:252 Resp: 87016
 Ion Ratio Lower Upper
 252 100
 254 64.3 53.5 80.3
 126 17.8 4.9 7.3#

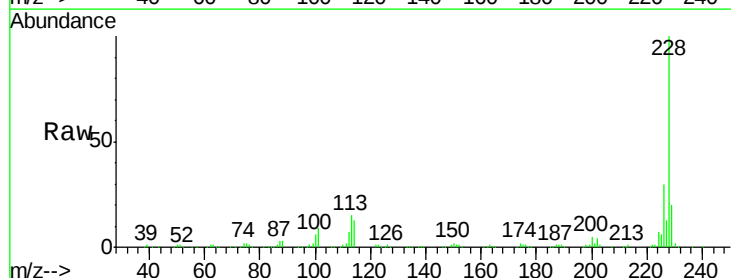


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

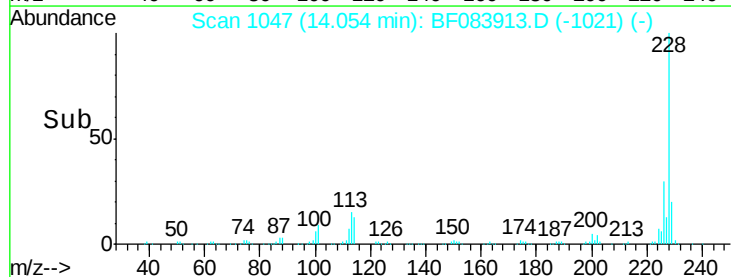
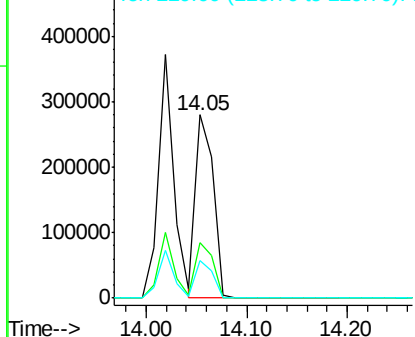


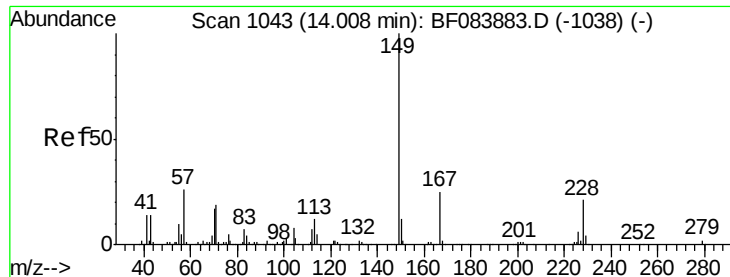
#82
 Chrysene
 Concen: 35.60 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion:228 Resp: 347016
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.3 36.5
 229 20.2 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

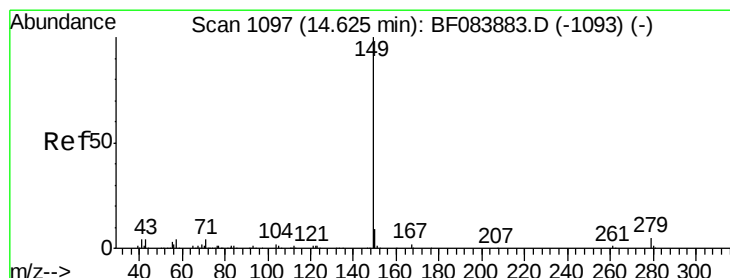
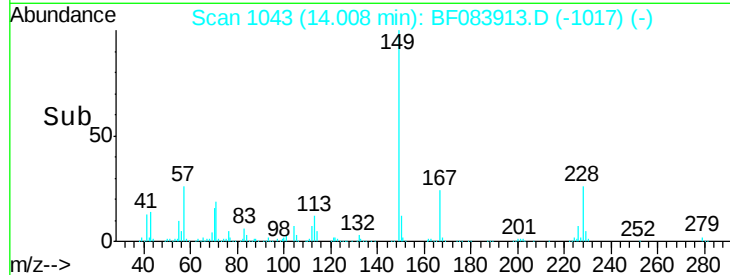
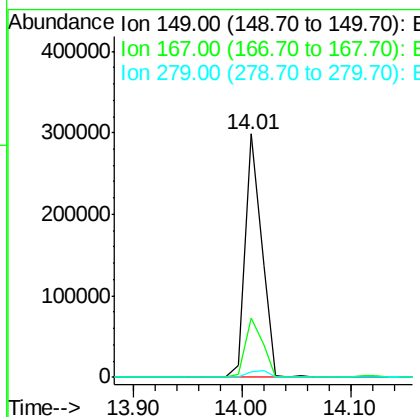
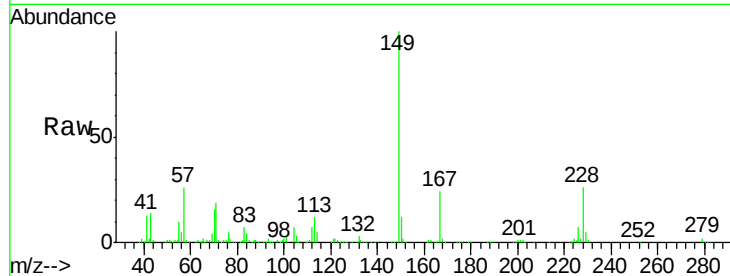




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.74 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

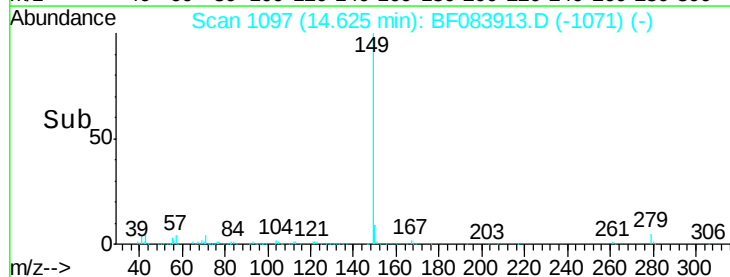
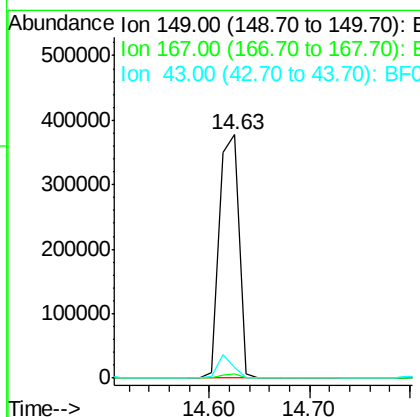
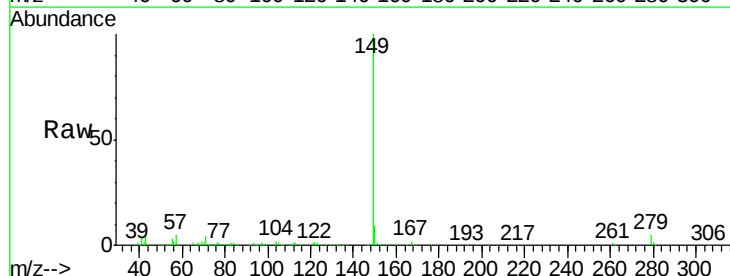
Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

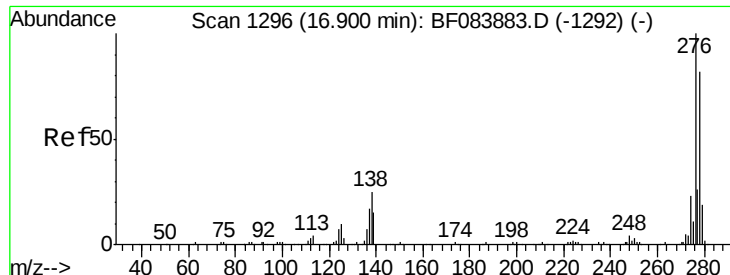
Tgt Ion:149 Resp: 311800
 Ion Ratio Lower Upper
 149 100
 167 24.4 19.7 29.5
 279 2.3 1.8 2.6



#84
 Di-n-octyl phthalate
 Concen: 44.88 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion:149 Resp: 512310
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.2 5.6 8.4

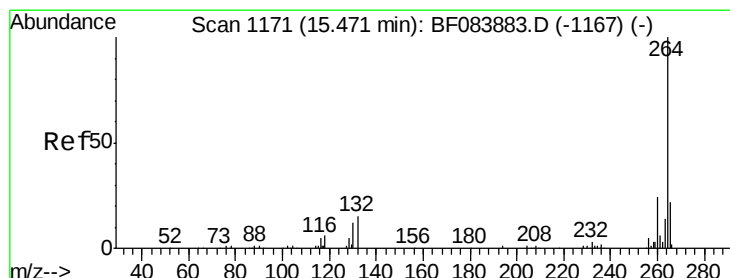
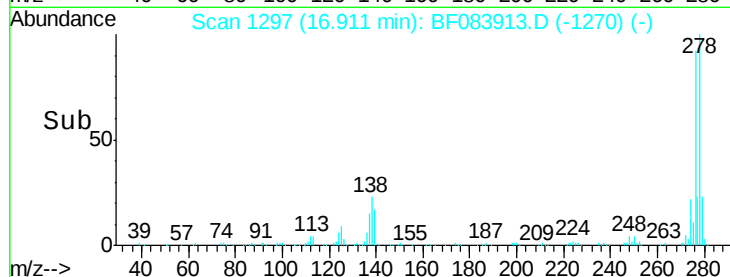
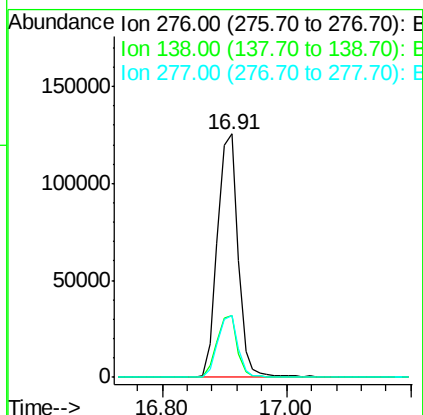
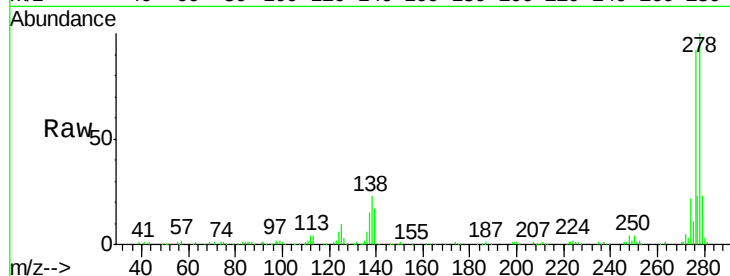




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.49 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

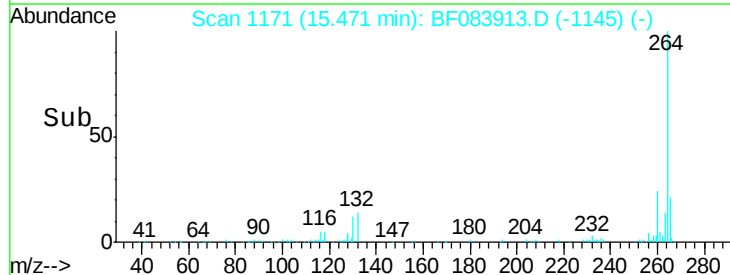
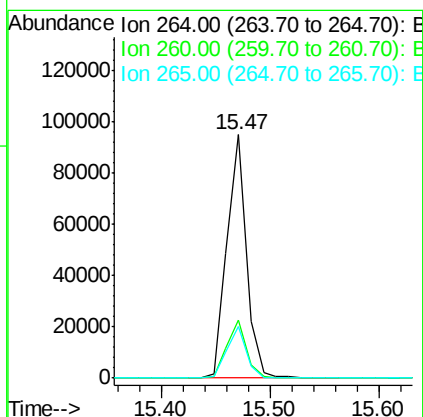
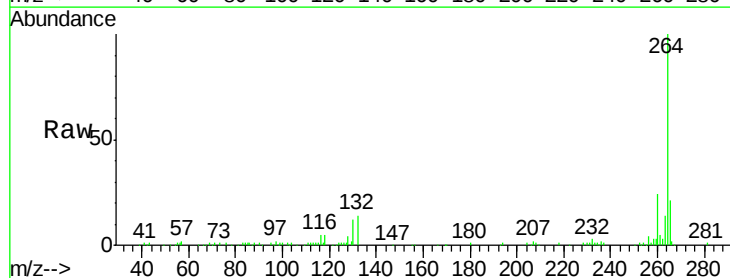
Instrument :
 BNA_F
 ClientSampleId :
 PB87340BS

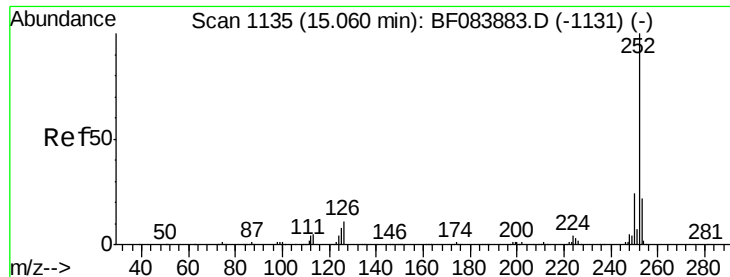
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.6	30.8
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF083913.D
 Acq: 18 Dec 2015 15:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.0	17.8	26.6

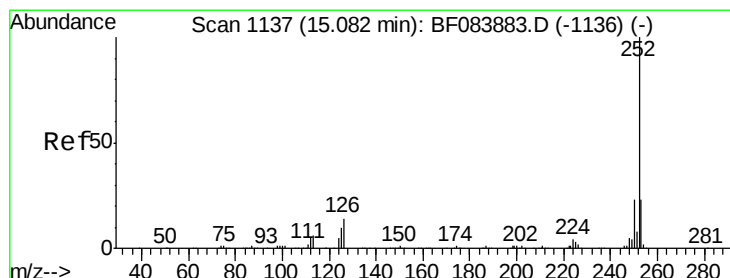
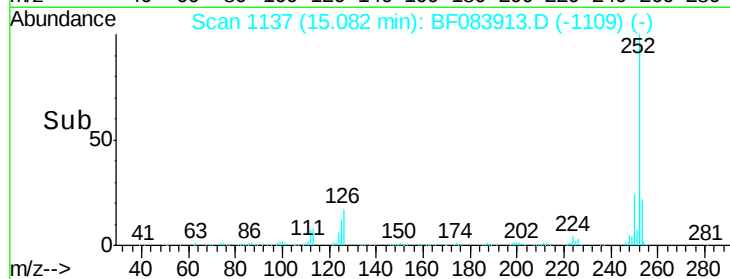
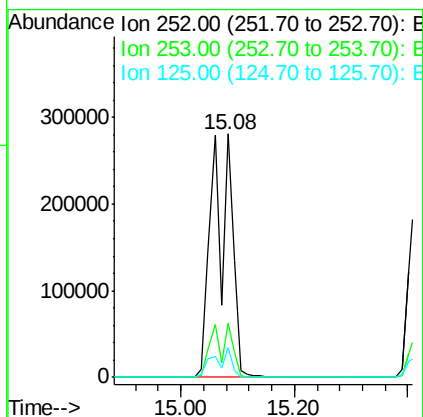
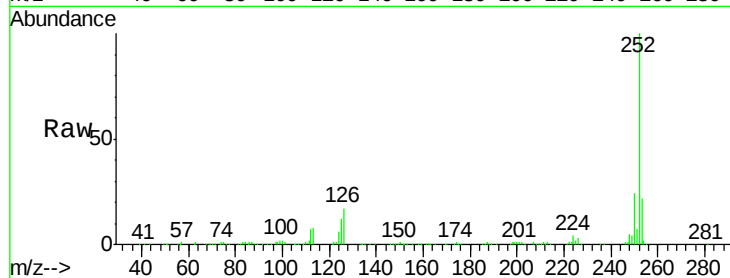




#87
Benzo(b)fluoranthene
Concen: 75.72 ng
RT: 15.08 min Scan# 1137
Delta R.T. 0.02 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

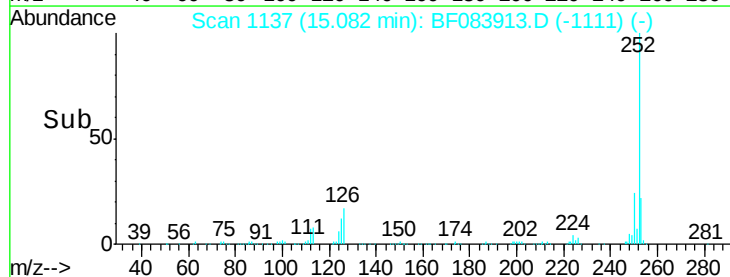
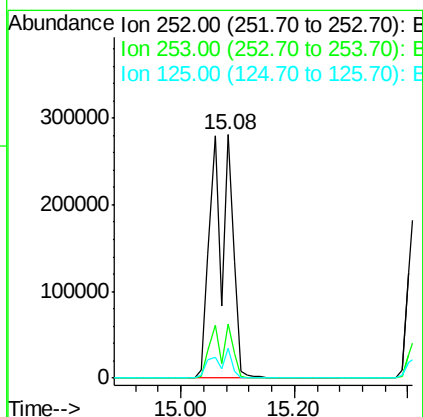
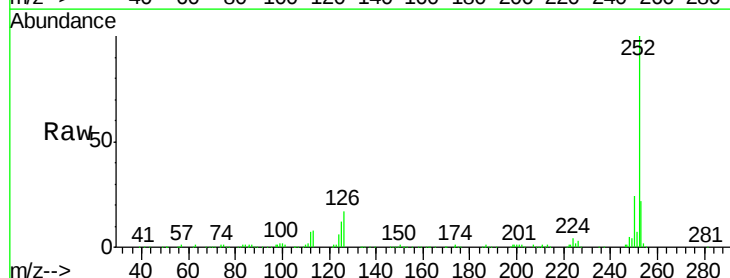
Instrument :
BNA_F
ClientSampleId :
PB87340BS

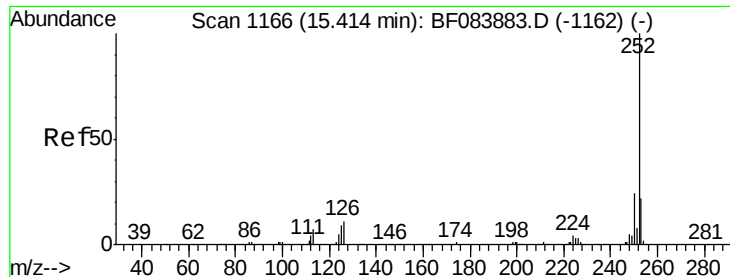
Tgt Ion:252 Resp: 650033
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 12.2 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 91.79 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BF083913.D
Acq: 18 Dec 2015 15:21

Tgt Ion:252 Resp: 650033
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 12.2 9.0 13.6





#89

Benzo(a)pyrene

Concen: 42.06 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

ClientSampleId :

PB87340BS

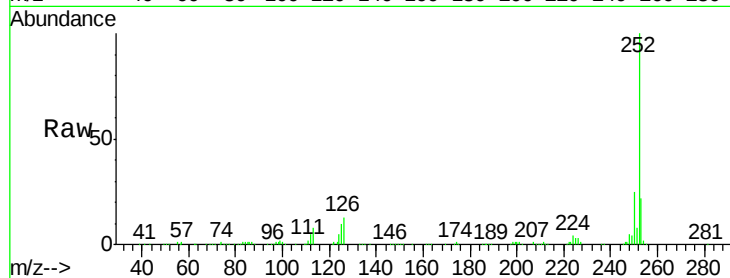
Tgt Ion:252 Resp: 298130

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

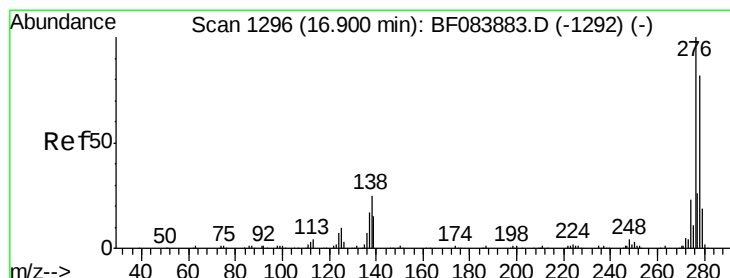
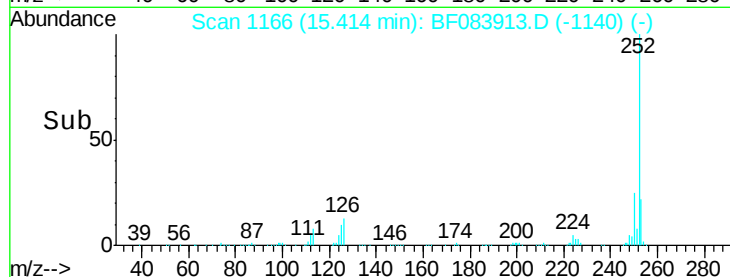
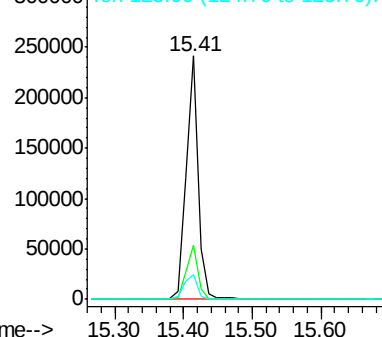
125 10.0 7.0 10.4



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: 43.33 ng

RT: 16.91 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF083913.D

Acq: 18 Dec 2015 15:21

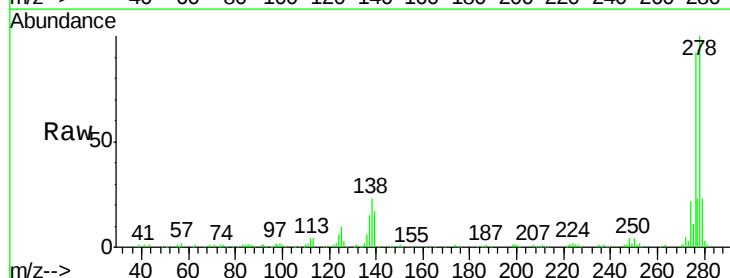
Tgt Ion:278 Resp: 238937

Ion Ratio Lower Upper

278 100

139 16.6 15.0 22.4

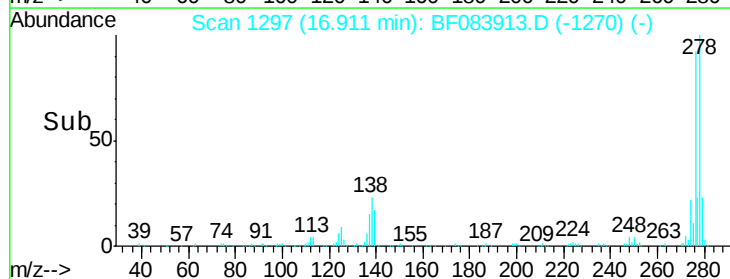
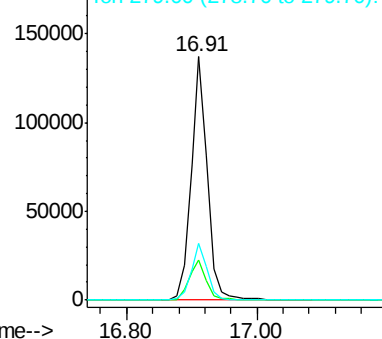
279 23.4 18.9 28.3

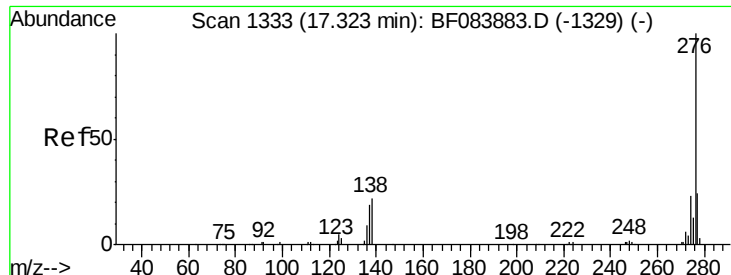


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.62 ng

RT: 17.33 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF083913.D

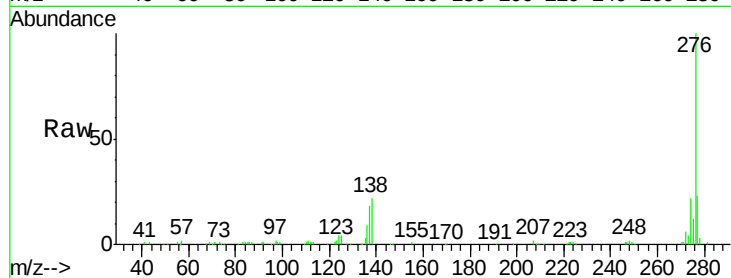
Acq: 18 Dec 2015 15:21

Instrument :

BNA_F

ClientSampleId :

PB87340BS



Tgt Ion:276 Resp: 241153

Ion Ratio Lower Upper

276 100

277 22.8 18.8 28.2

138 21.6 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

