

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
 Data File : BF083933.D
 Acq On : 19 Dec 2015 00:34
 Operator : UM/SJ
 Sample : PB87185BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Quant Time: Dec 19 04:20:03 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	54537	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	220642	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	124089	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	210632	20.00	ng	0.00
75) Chrysene-d12	14.03	240	153238	20.00	ng	0.00
86) Perylene-d12	15.47	264	135243	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	433984	124.53	ng	0.01
7) Phenol-d6	6.52	99	484088	113.49	ng	0.01
23) Nitrobenzene-d5	7.44	82	310525	80.32	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	118560	86.73	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	674962	74.97	ng	-0.01
78) Terphenyl-d14	12.98	244	510937	77.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	67732	44.80	ng	97
3) Pyridine	3.29	79	153479	41.06	ng	98
4) n-Nitrosodimethylamine	3.22	42	67501	47.34	ng	98
6) Aniline	6.53	93	119608	21.77	ng	# 1
8) 2-Chlorophenol	6.66	128	162289	39.13	ng	95
9) Benzaldehyde	6.41	77	62306	24.24	ng	95
10) Phenol	6.53	94	200907	42.21	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	129188	35.73	ng	94
12) 1,3-Dichlorobenzene	6.89	146	172486	38.67	ng	99
13) 1,4-Dichlorobenzene	6.81	146	161201	35.40	ng	97
14) 1,2-Dichlorobenzene	7.04	146	146038	39.33	ng	95
15) Benzyl Alcohol	7.01	79	124157	38.46	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	131882	35.37	ng	94
17) 2-Methylphenol	7.14	107	122836	37.76	ng	# 94
18) Hexachloroethane	7.38	117	54765	32.77	ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	101811	40.94	ng	# 90
20) 3+4-Methylphenols	7.29	107	148175	38.76	ng	# 62
22) Acetophenone	7.28	105	201549	37.94	ng	94
24) Nitrobenzene	7.45	77	140390	35.11	ng	94
25) Isophorone	7.69	82	274138	37.69	ng	98
26) 2-Nitrophenol	7.77	139	62672	30.28	ng	# 87
27) 2,4-Dimethylphenol	7.81	122	132211	37.09	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	176204	40.95	ng	98
29) 2,4-Dichlorophenol	8.02	162	127129	39.31	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	132453	38.13	ng	95
31) Naphthalene	8.18	128	451655	40.41	ng	98
32) Benzoic acid	7.93	122	38159	33.10	ng	91
33) 4-Chloroaniline	8.22	127	78391	15.65	ng	# 93
34) Hexachlorobutadiene	8.29	225	73283	33.78	ng	97
35) Caprolactam	8.60	113	39075	36.57	ng	# 82
36) 4-Chloro-3-methylphenol	8.72	107	130410	35.35	ng	91
37) 2-Methylnaphthalene	8.86	142	293597	38.29	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	131911	33.72	ng	99
40) Hexachlorocyclopentadiene	9.02	237	19286	26.95	ng	99

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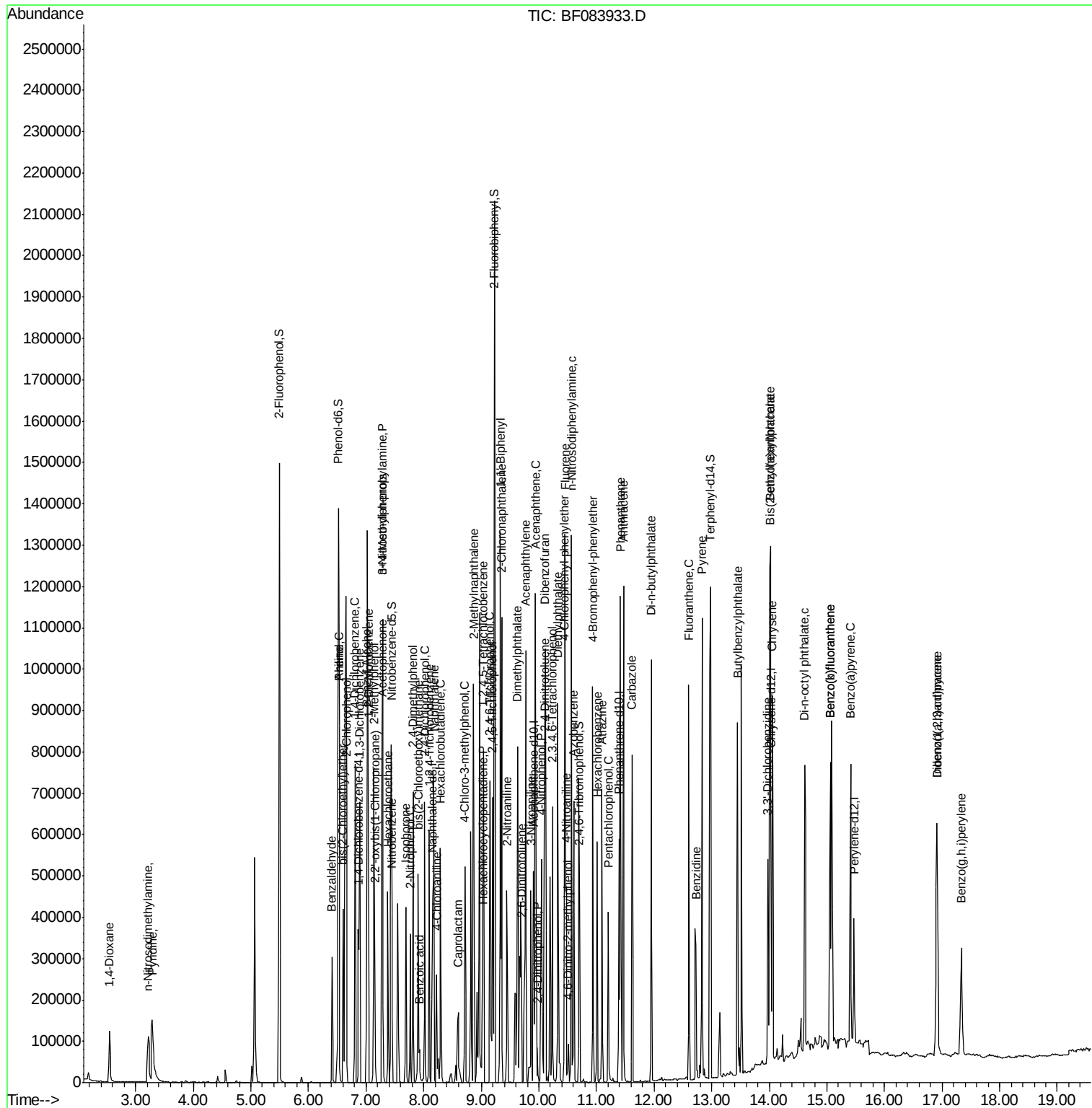
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	90559	35.06	ng	98
43) 2,4,5-Trichlorophenol	9.20	196	96001	37.55	ng	# 89
45) 1,1'-Biphenyl	9.33	154	432544	41.40	ng	98
46) 2-Chloronaphthalene	9.36	162	322837	39.38	ng	96
47) 2-Nitroaniline	9.45	65	94372	38.46	ng	95
48) Acenaphthylene	9.77	152	511342	35.35	ng	99
49) Dimethylphthalate	9.63	163	385076	36.98	ng	# 90
50) 2,6-Dinitrotoluene	9.70	165	82675	36.40	ng	# 85
51) Acenaphthene	9.94	154	311970	35.07	ng	99
52) 3-Nitroaniline	9.86	138	70808	29.58	ng	96
53) 2,4-Dinitrophenol	9.97	184	14017	25.27	ng	97
54) Dibenzofuran	10.11	168	460218	39.84	ng	92
55) 4-Nitrophenol	10.04	139	99545	66.60	ng	98
56) 2,4-Dinitrotoluene	10.10	165	115628	39.71	ng	93
57) Fluorene	10.45	166	295298	32.80	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	75324	39.82	ng	95
59) Diethylphthalate	10.33	149	420174	39.03	ng	95
60) 4-Chlorophenyl-phenylether	10.44	204	155038	35.02	ng	# 79
61) 4-Nitroaniline	10.48	138	81044	32.72	ng	97
62) Azobenzene	10.60	77	376227	41.70	ng	89
64) 4,6-Dinitro-2-methylphenol	10.51	198	13828	13.74	ng	97
65) n-Nitrosodiphenylamine	10.57	169	344536	44.95	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	105133	40.83	ng	# 73
67) Hexachlorobenzene	11.01	284	116789	43.07	ng	# 91
68) Atrazine	11.09	200	78768	32.44	ng	98
69) Pentachlorophenol	11.21	266	66491	59.10	ng	100
70) Phenanthrene	11.41	178	444914	34.96	ng	99
71) Anthracene	11.47	178	514755	41.84	ng	99
72) Carbazole	11.62	167	348227	28.65	ng	99
73) Di-n-butylphthalate	11.95	149	589150	41.25	ng	# 97
74) Fluoranthene	12.60	202	370989	29.21	ng	99
76) Benzidine	12.73	184	200654	32.70	ng	98
77) Pyrene	12.83	202	425610	43.74	ng	100
79) Butylbenzylphthalate	13.45	149	194149	38.06	ng	95
80) Benzo(a)anthracene	14.02	228	358661	38.07	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	113924	32.35	ng	# 93
82) Chrysene	14.05	228	315775	34.70	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	296119	43.48	ng	100
84) Di-n-octyl phthalate	14.61	149	476455	44.70	ng	98
85) Indeno(1,2,3-cd)pyrene	16.91	276	270377	39.73	ng	100
87) Benzo(b)fluoranthene	15.06	252	361548	36.67	ng	99
88) Benzo(k)fluoranthene	15.06	252	361548	44.45	ng	# 97
89) Benzo(a)pyrene	15.41	252	331620	40.73	ng	99
90) Dibenzo(a,h)anthracene	16.91	278	227792	35.96	ng	98
91) Benzo(g,h,i)perylene	17.33	276	215137	34.66	ng	99

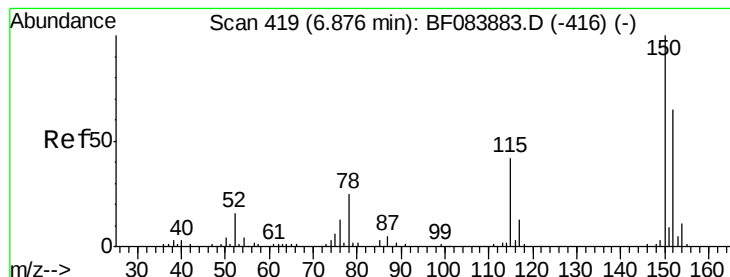
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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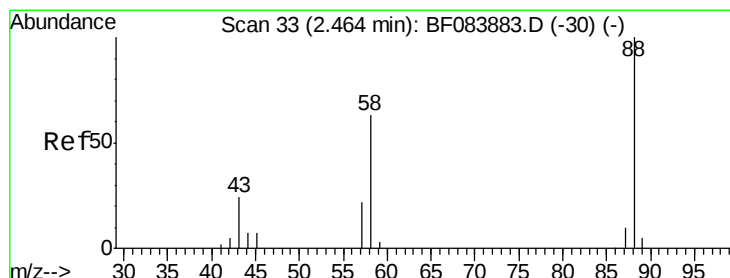
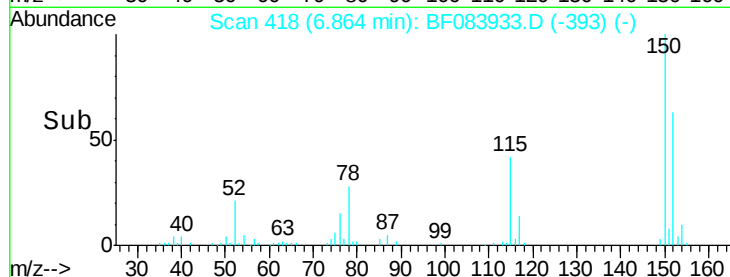
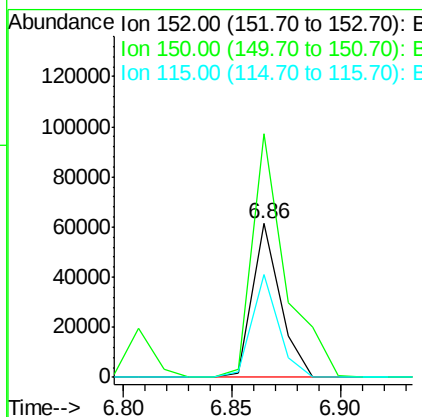
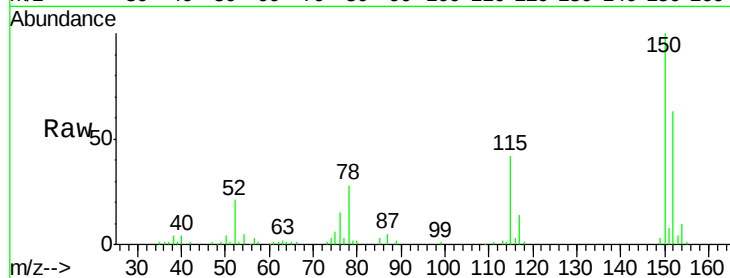




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

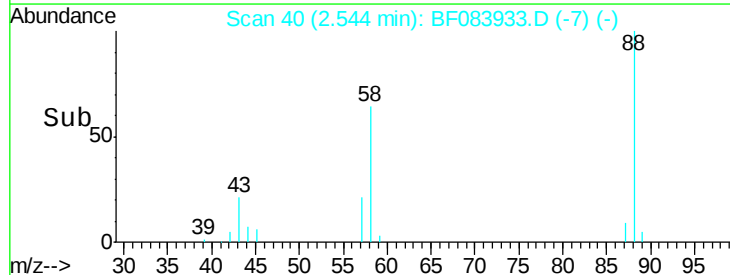
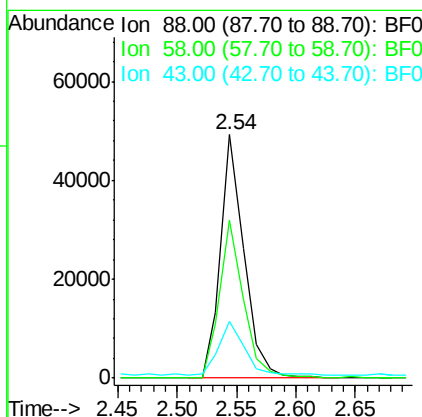
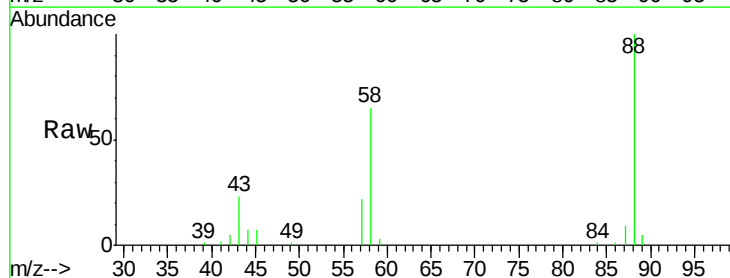
Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

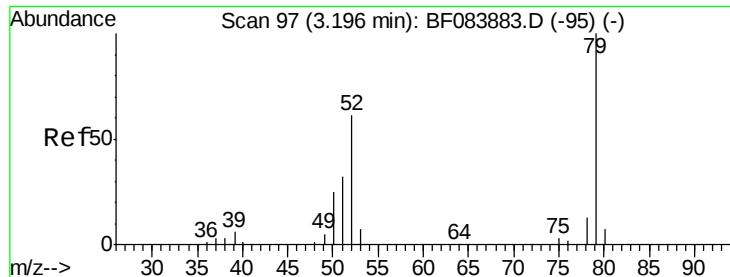
Tgt Ion:152 Resp: 54537
 Ion Ratio Lower Upper
 152 100
 150 158.7 123.0 184.4
 115 67.3 51.4 77.2



#2
 1,4-Dioxane
 Concen: 44.80 ng
 RT: 2.54 min Scan# 40
 Delta R.T. 0.08 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion: 88 Resp: 67732
 Ion Ratio Lower Upper
 88 100
 58 66.2 51.2 76.8
 43 23.2 19.5 29.3





#3

Pyridine

Concen: 41.06 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.09 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB87185BS

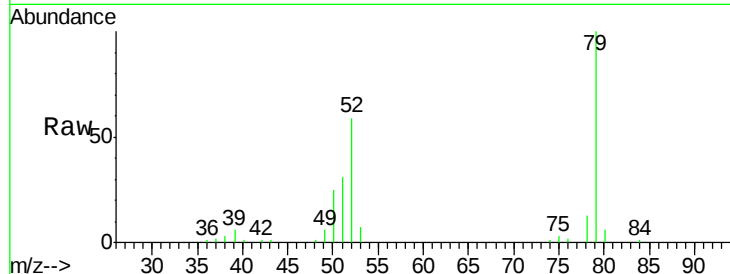
Tgt Ion: 79 Resp: 153479

Ion Ratio Lower Upper

79 100

52 59.5 49.0 73.4

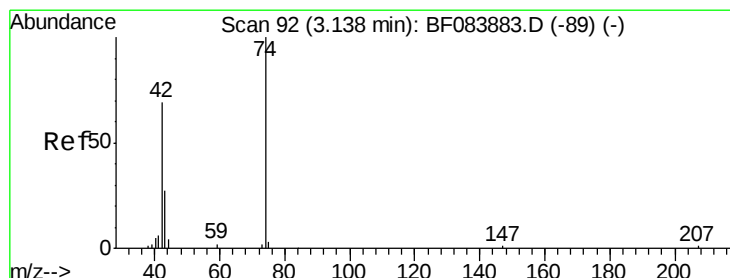
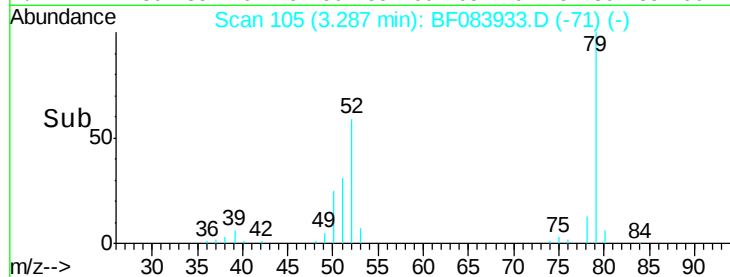
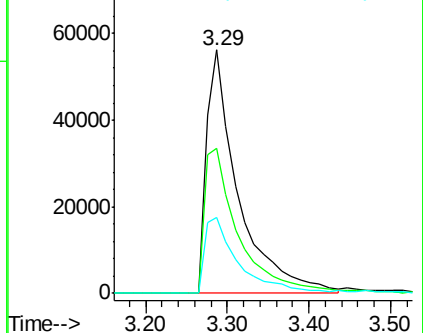
51 31.3 25.2 37.8



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: 47.34 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.08 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

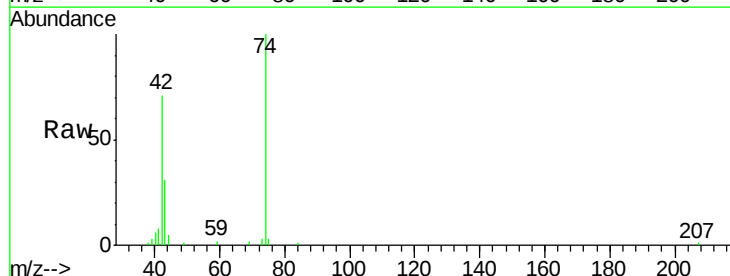
Tgt Ion: 42 Resp: 67501

Ion Ratio Lower Upper

42 100

74 141.5 115.7 173.5

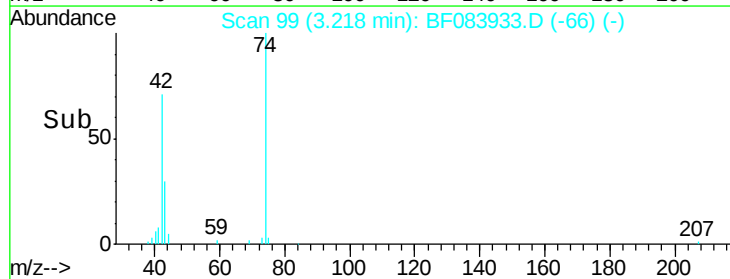
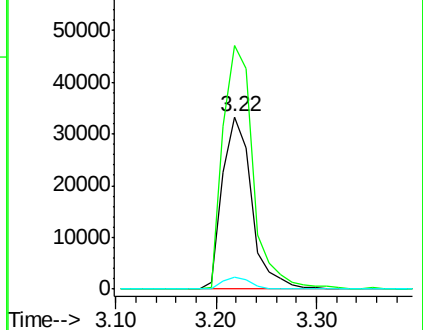
44 6.7 5.1 7.7

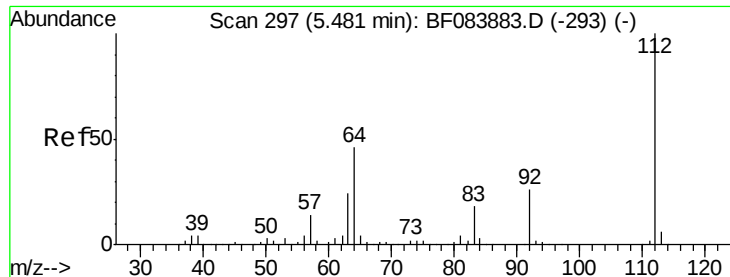


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 124.53 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

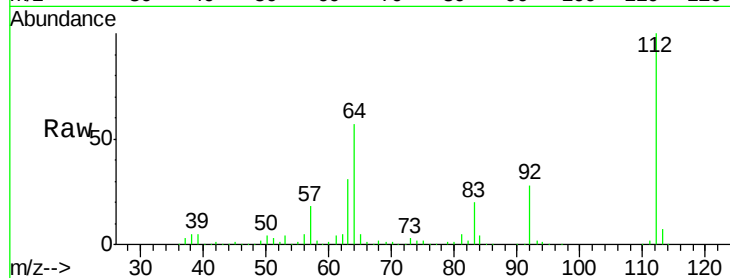
BNA_F

ClientSampleId :

PB87185BS

Tgt Ion: 112 Resp: 433984

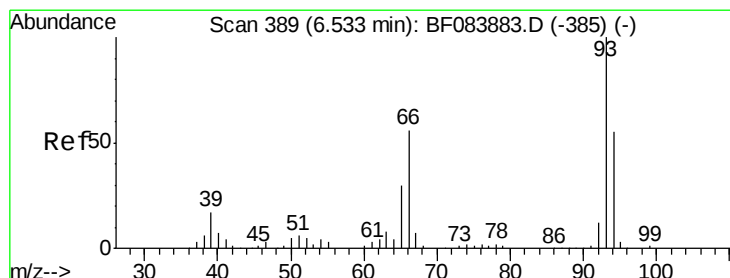
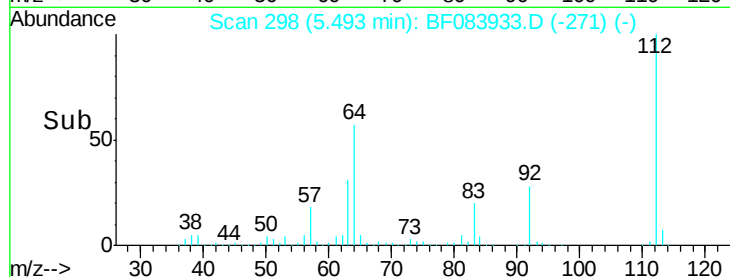
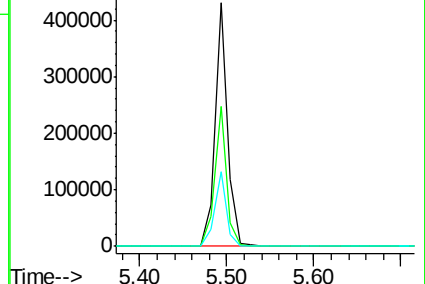
Ion	Ratio	Lower	Upper
112	100		
64	57.4	36.6	55.0#
63	30.9	19.4	29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.77 ng

RT: 6.53 min Scan# 389

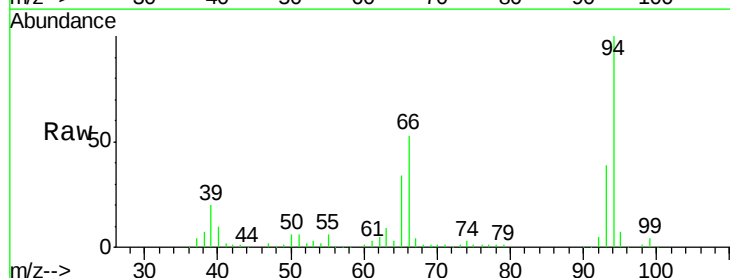
Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Tgt Ion: 93 Resp: 119608

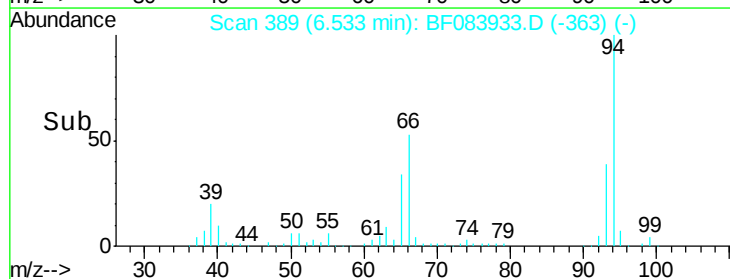
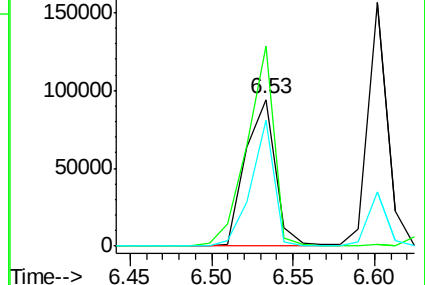
Ion	Ratio	Lower	Upper
93	100		
66	136.4	44.9	67.3#
65	85.6	23.7	35.5#

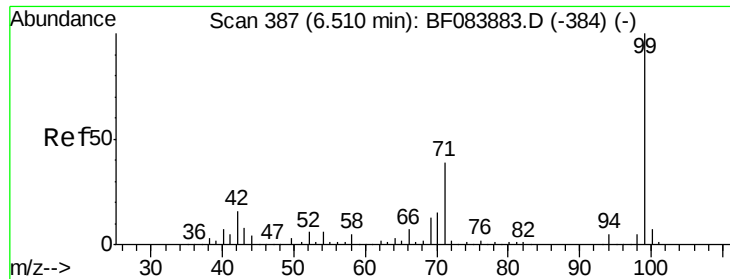


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.49 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

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ClientSampled :

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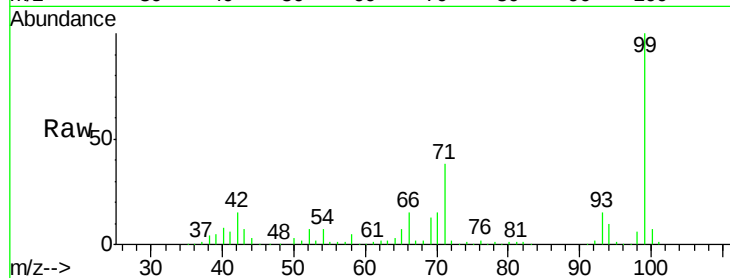
Tgt Ion: 99 Resp: 484088

Ion Ratio Lower Upper

99 100

42 15.4 12.8 19.2

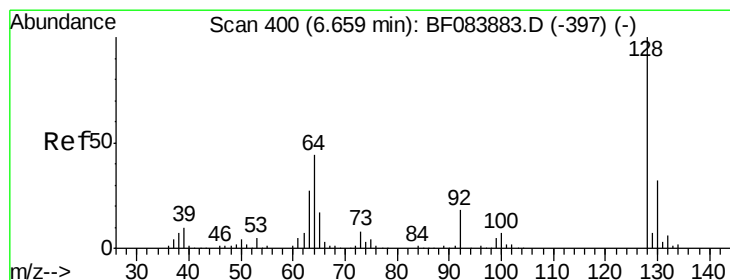
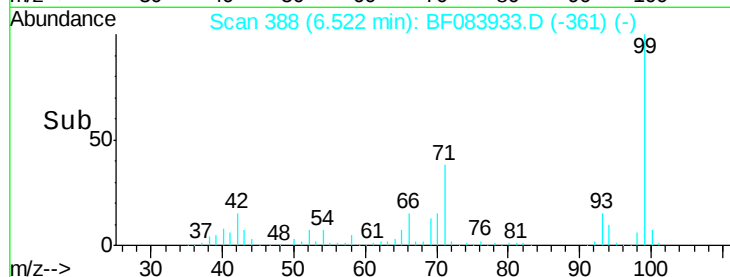
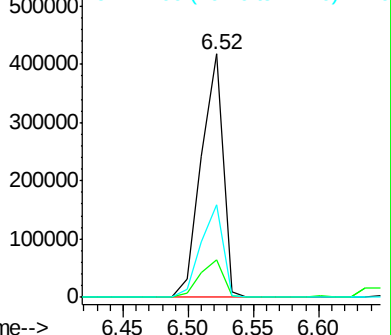
71 38.1 30.9 46.3



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: 39.13 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

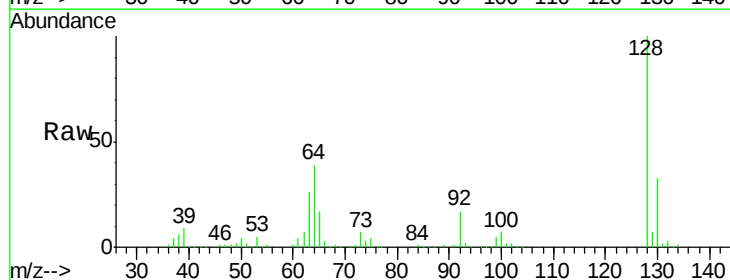
Tgt Ion: 128 Resp: 162289

Ion Ratio Lower Upper

128 100

130 32.6 11.6 51.6

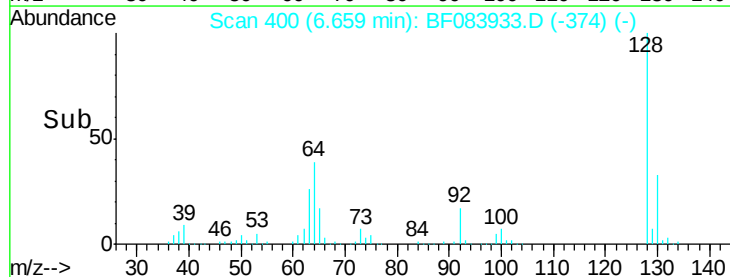
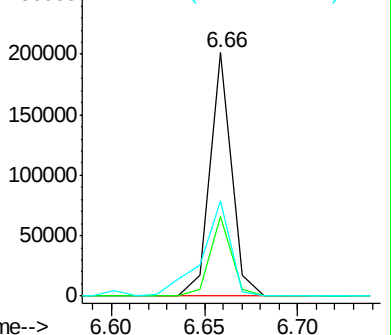
64 39.2 23.8 63.8

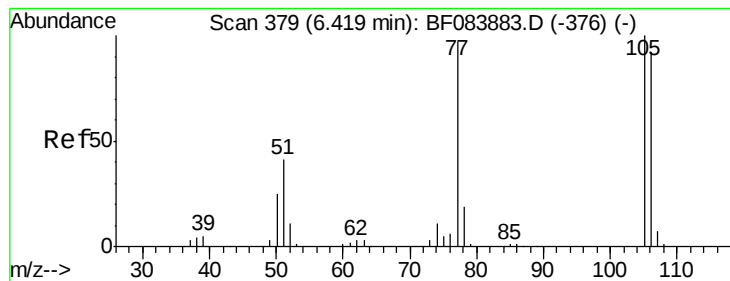


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 24.24 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

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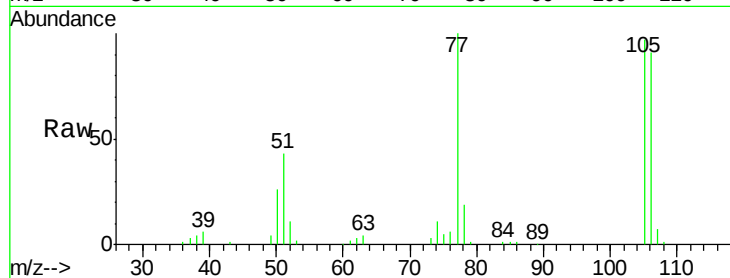
Tgt Ion: 77 Resp: 62306

Ion Ratio Lower Upper

77 100

105 97.3 83.0 123.0

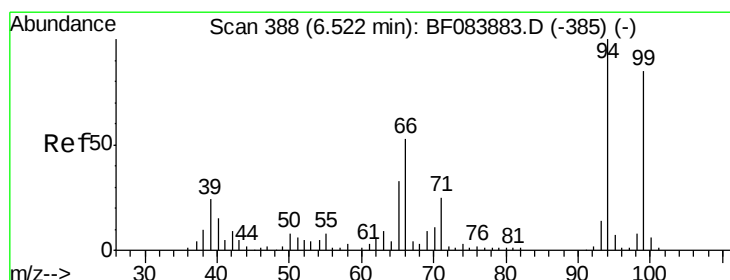
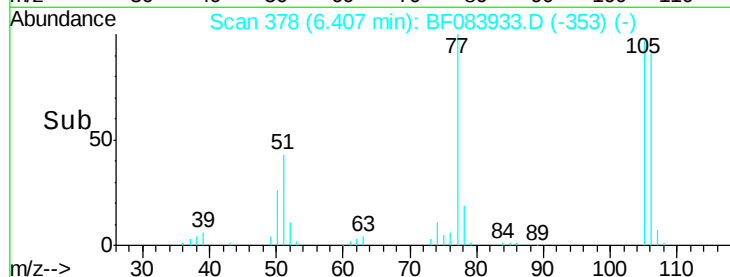
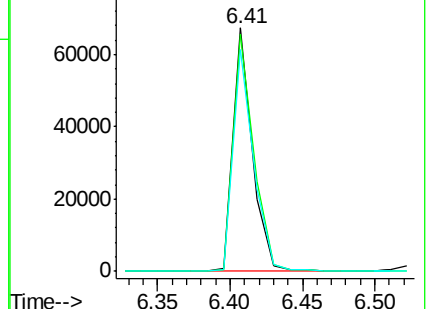
106 91.2 74.6 114.6



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: 42.21 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

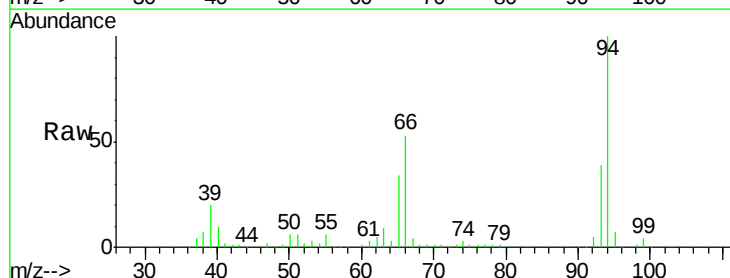
Tgt Ion: 94 Resp: 200907

Ion Ratio Lower Upper

94 100

65 33.5 12.9 52.9

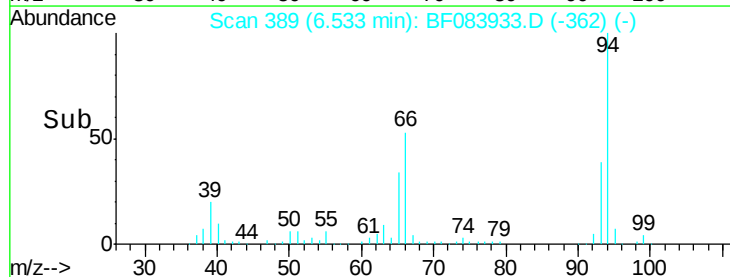
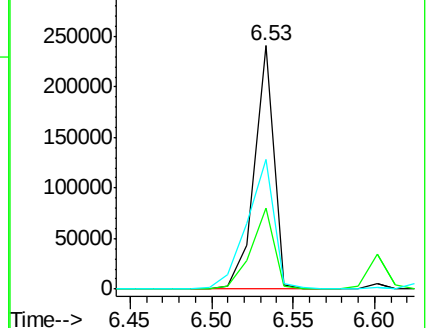
66 53.4 32.7 72.7

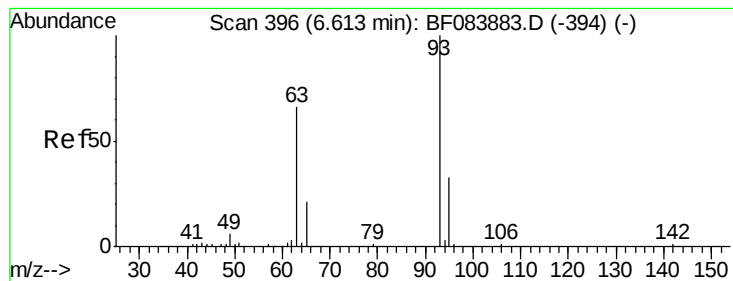


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.73 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB87185BS

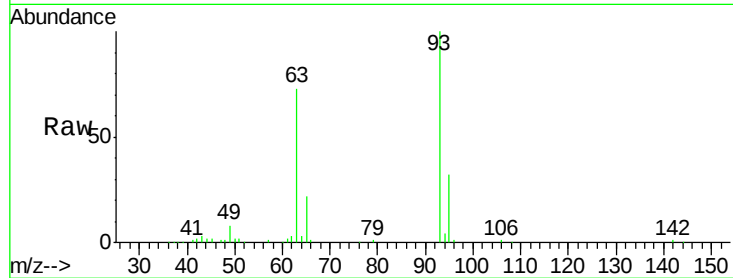
Tgt Ion: 93 Resp: 129188

Ion Ratio Lower Upper

93 100

63 72.6 45.9 85.9

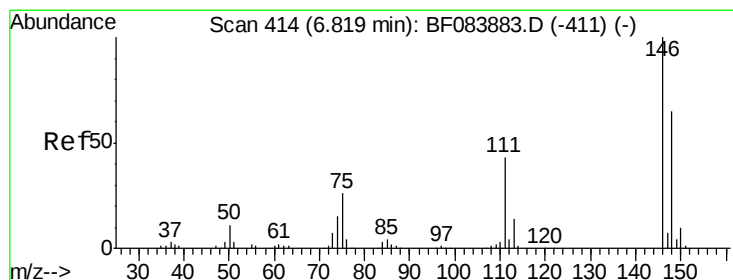
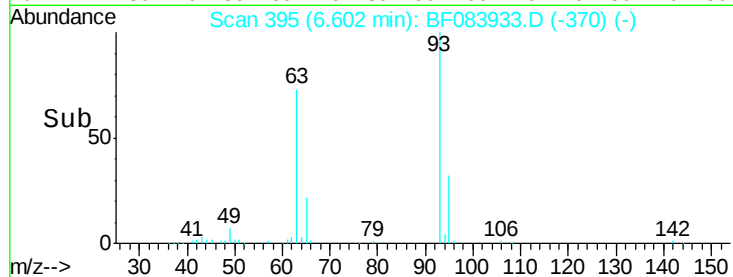
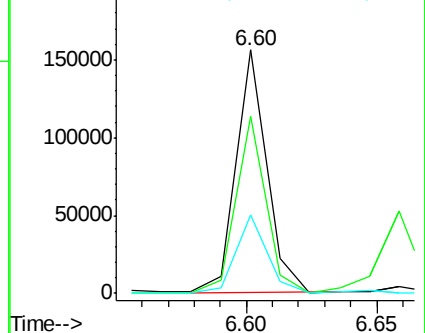
95 32.3 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.67 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.07 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

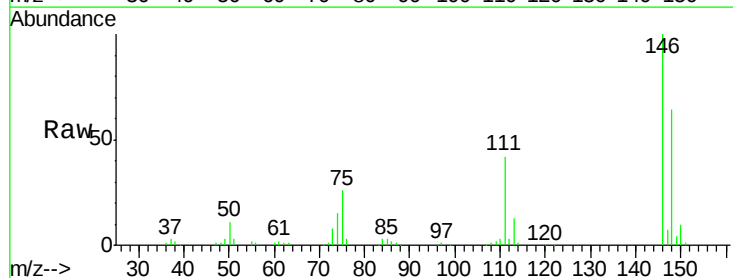
Tgt Ion: 146 Resp: 172486

Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

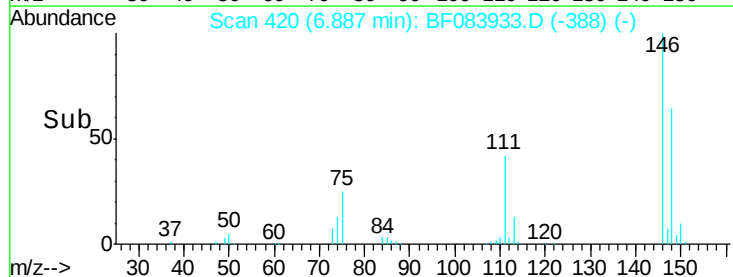
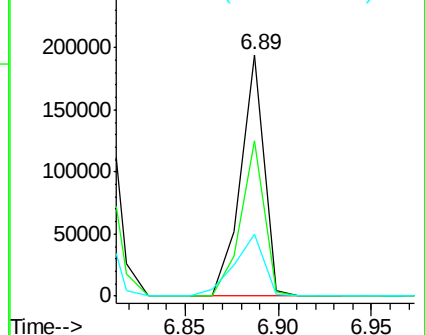
75 25.8 20.5 30.7

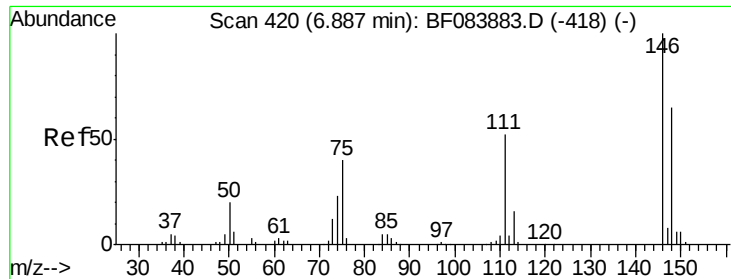


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

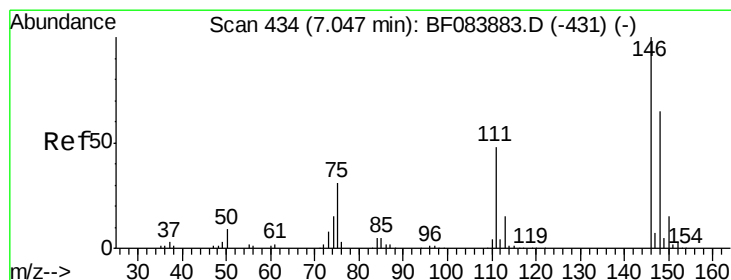
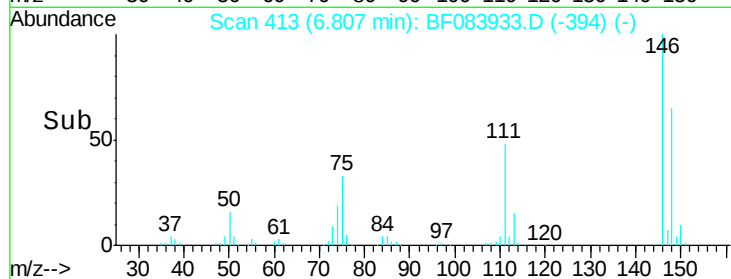
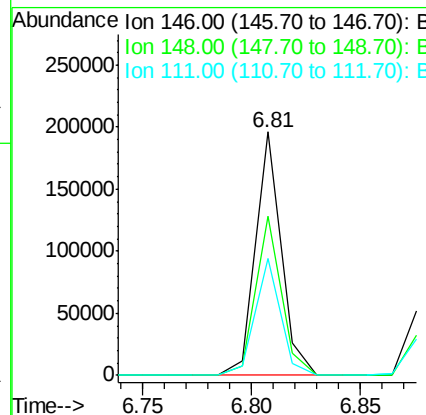
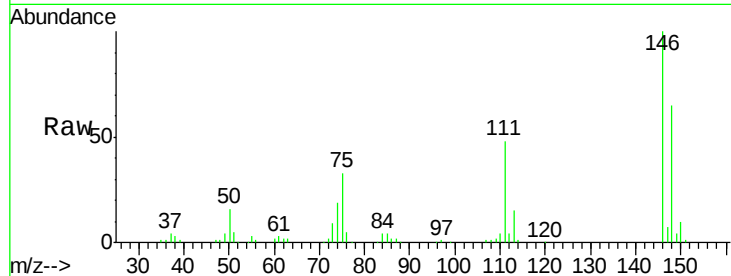




#13
 1,4-Dichlorobenzene
 Concen: 35.40 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.08 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

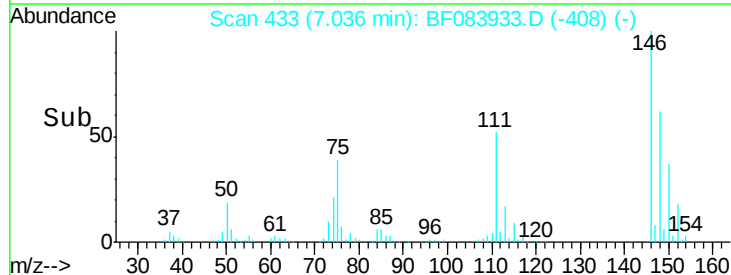
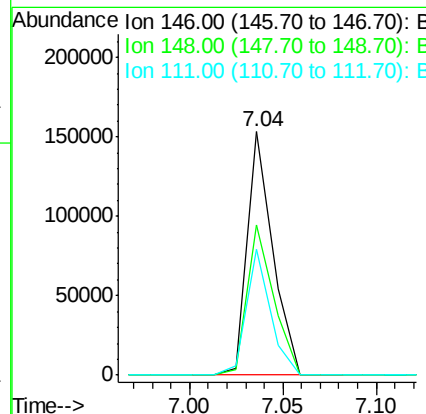
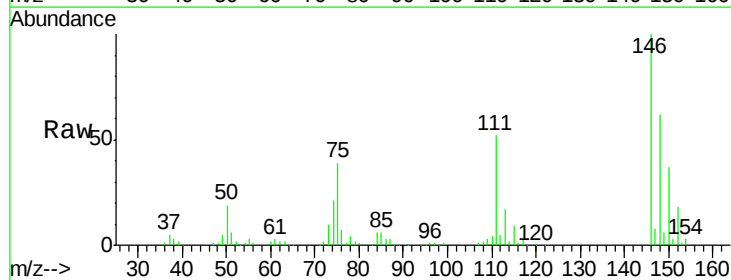
Instrument :
 BNA_F
 ClientSampled :
 PB87185BS

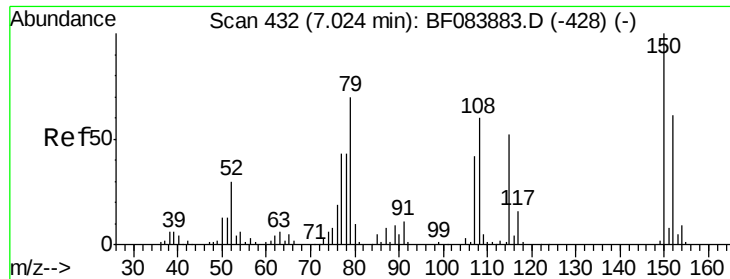
Tgt Ion:146 Resp: 161201
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.9 77.9
 111 47.9 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 39.33 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.01 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion:146 Resp: 146038
 Ion Ratio Lower Upper
 146 100
 148 61.8 51.6 77.4
 111 51.7 38.0 57.0

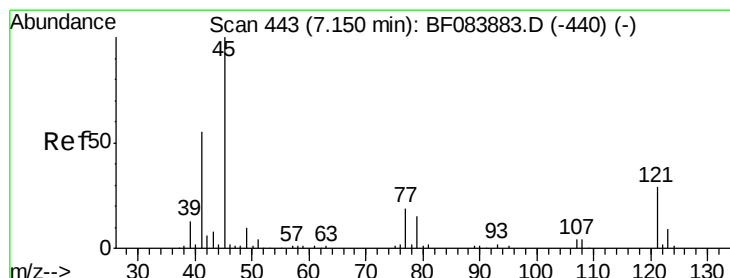
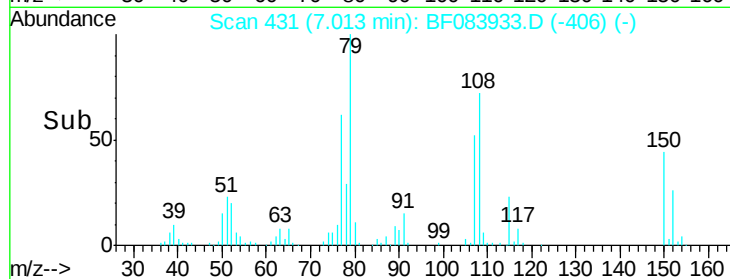
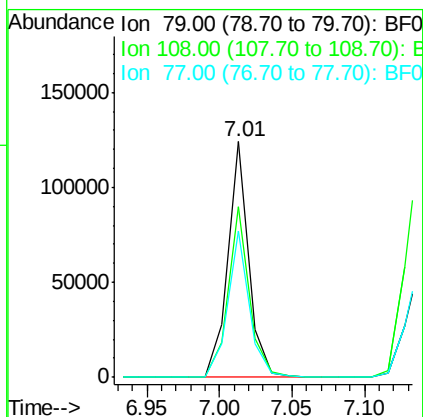
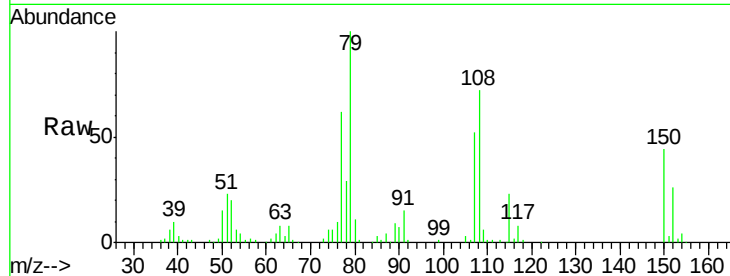




#15
Benzyl Alcohol
Concen: 38.46 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

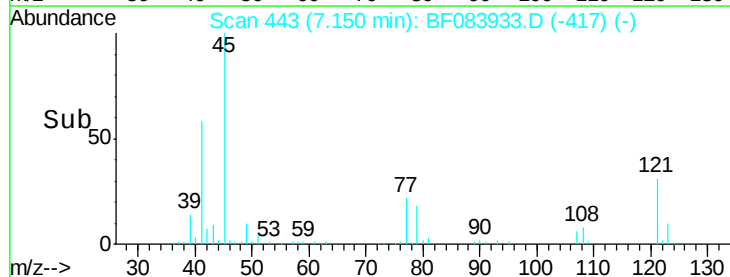
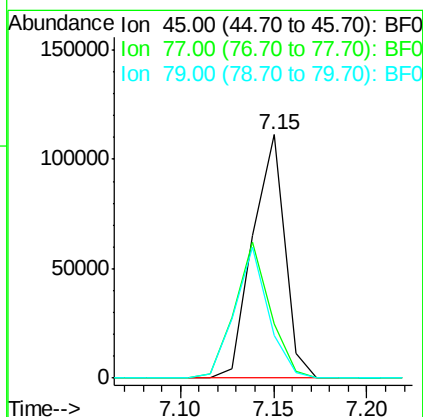
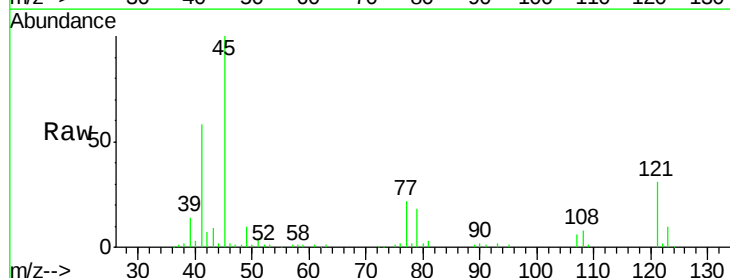
Instrument :
BNA_F
ClientSampleId :
PB87185BS

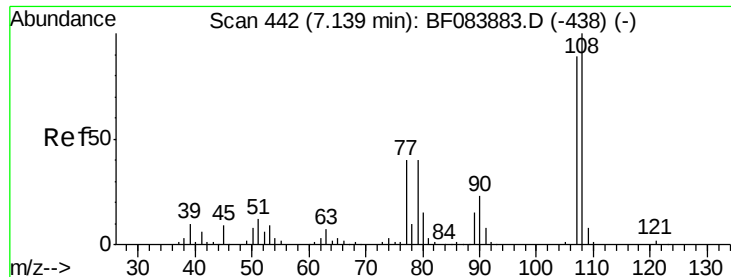
Tgt Ion: 79 Resp: 124157
Ion Ratio Lower Upper
79 100
108 72.3 69.0 103.4
77 62.3 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.37 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion: 45 Resp: 131882
Ion Ratio Lower Upper
45 100
77 22.5 0.0 39.6
79 17.7 0.0 35.0

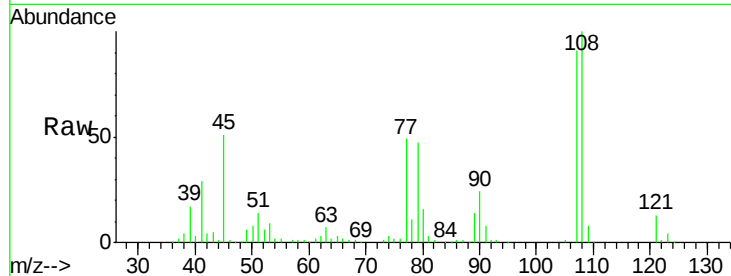




#17
2-Methylphenol
Concen: 37.76 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.3	89.8	134.6
77	53.8	35.7	53.5#
79	51.5	35.7	53.5



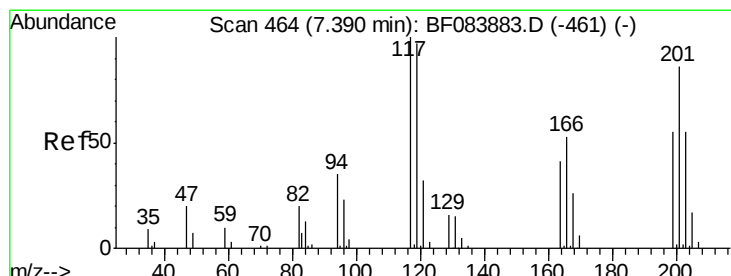
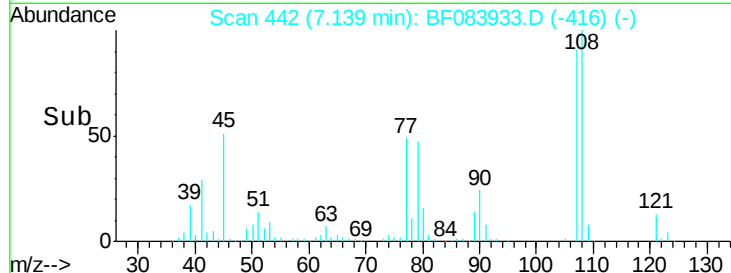
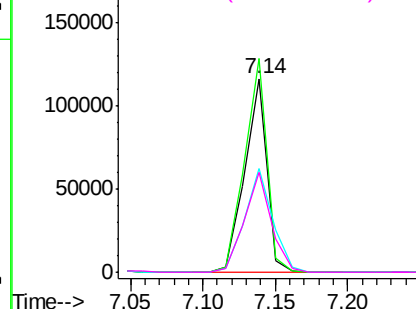
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

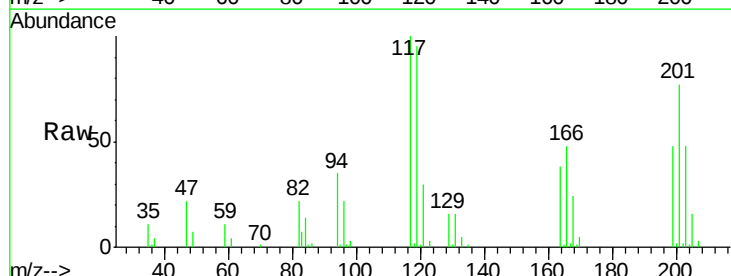
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 32.77 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.4	116.0
201	76.5	68.6	103.0

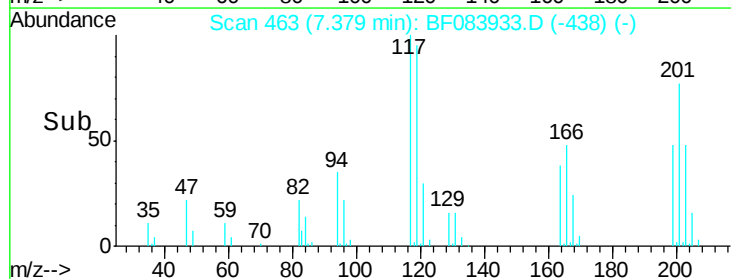
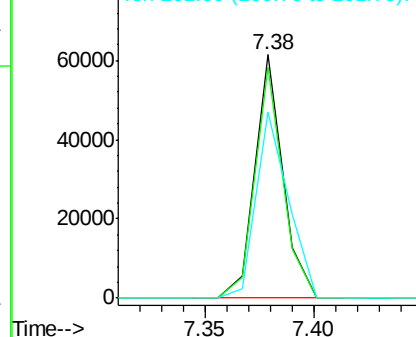


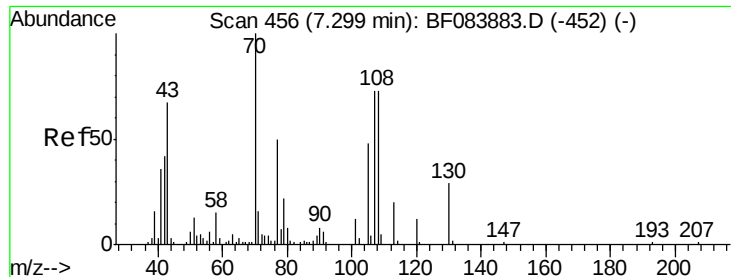
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

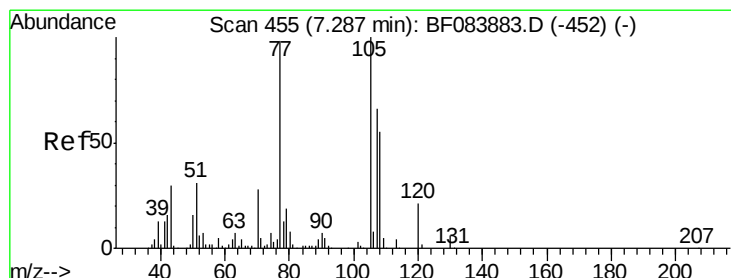
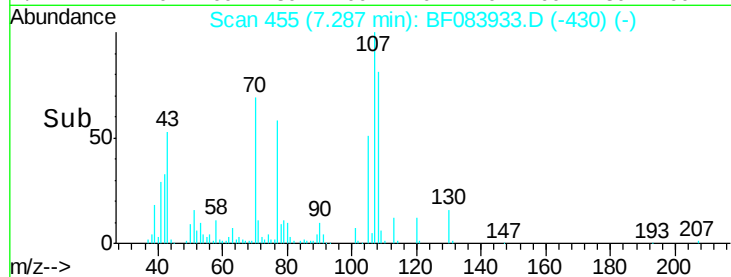
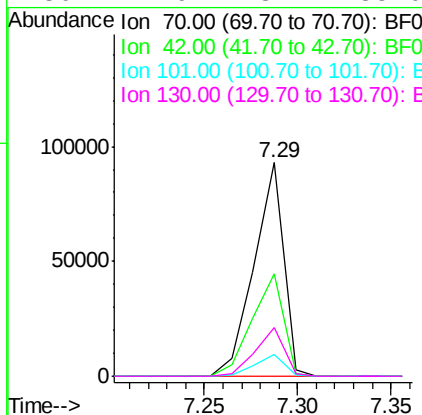
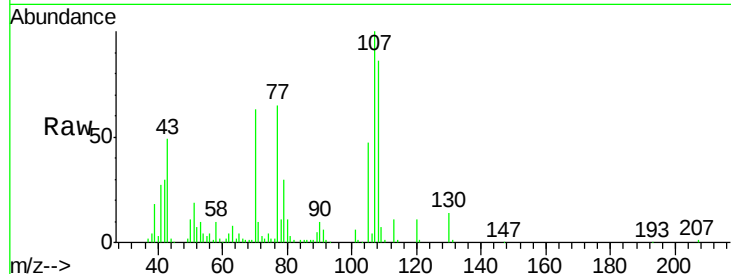




#19
n-Nitroso-di-n-propylamine
Concen: 40.94 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

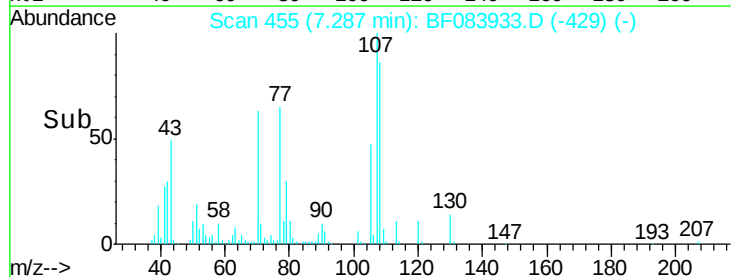
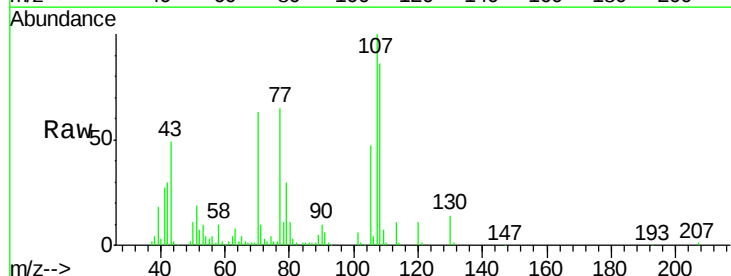
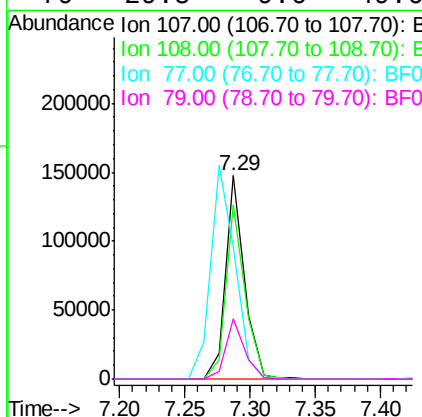
Instrument :
BNA_F
ClientSampleId :
PB87185BS

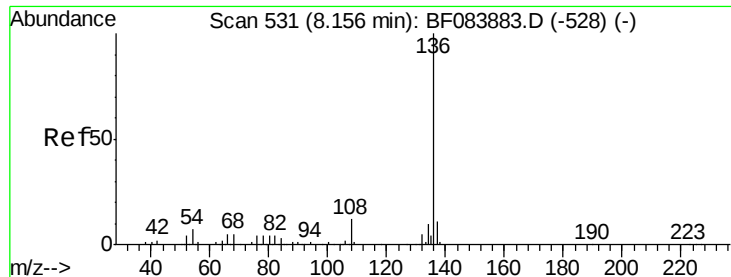
Tgt Ion:	70	Resp:	101811
Ion	Ratio	Lower	Upper
70	100		
42	47.8	33.3	49.9
101	10.2	9.3	13.9
130	22.9	23.4	35.0#



#20
3+4-Methylphenols
Concen: 38.76 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion:	107	Resp:	148175
Ion	Ratio	Lower	Upper
107	100		
108	85.9	64.1	104.1
77	65.1	128.9	168.9#
79	29.5	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB87185BS

Tgt Ion:136 Resp: 220642

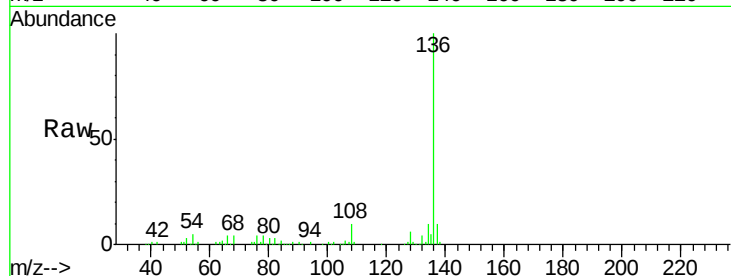
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 5.0 5.8 8.8#

68 4.3 4.2 6.2

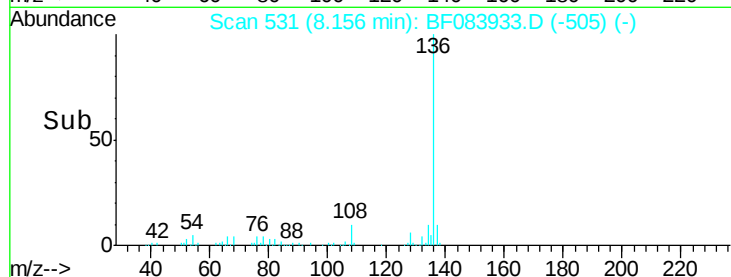


Abundance Ion 136.00 (135.70 to 136.70): E

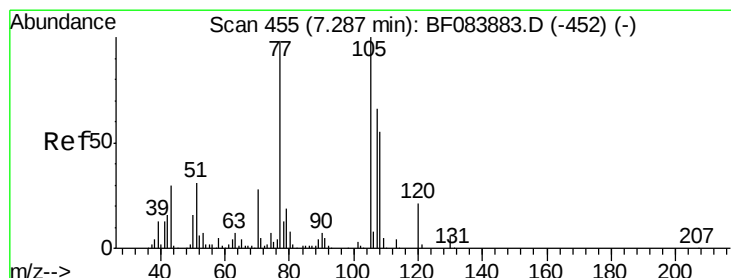
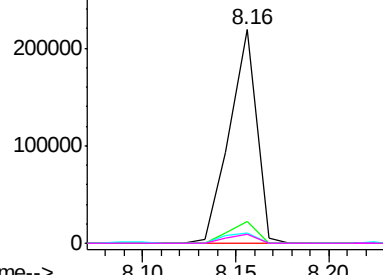
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 37.94 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Tgt Ion:105 Resp: 201549

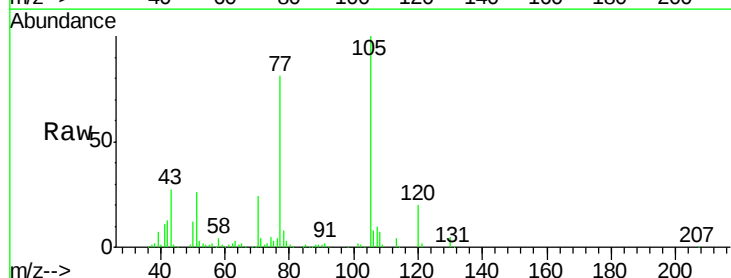
Ion Ratio Lower Upper

105 100

71 4.1 3.7 5.5

51 26.0 25.1 37.7

120 20.4 16.6 25.0

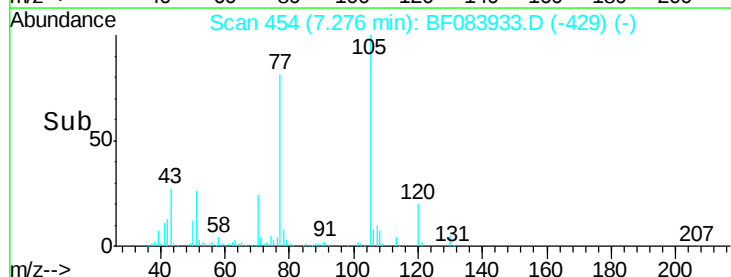


Abundance Ion 105.00 (104.70 to 105.70): E

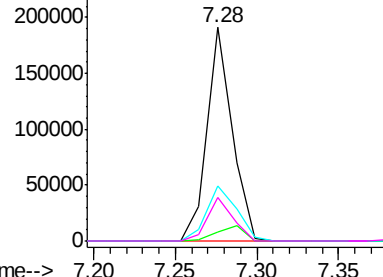
Ion 71.00 (70.70 to 71.70): BF0

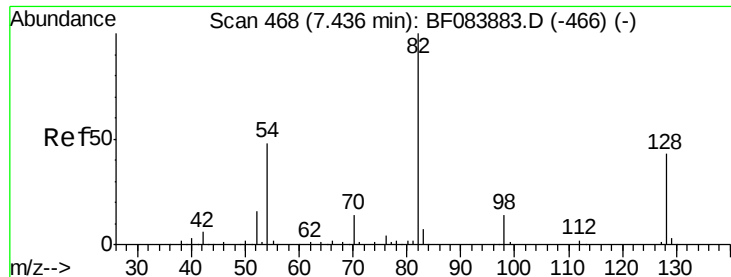
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 80.32 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB87185BS

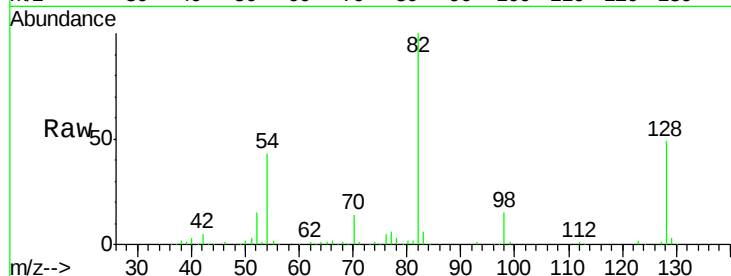
Tgt Ion: 82 Resp: 310525

Ion Ratio Lower Upper

82 100

128 49.2 34.6 51.8

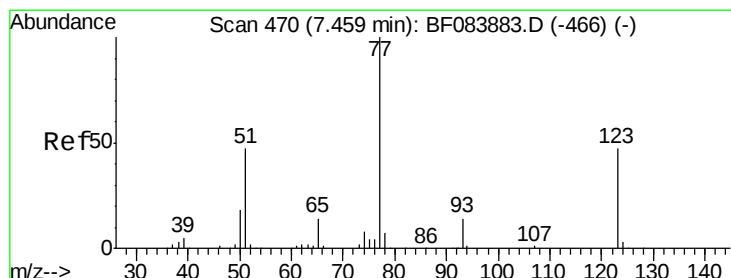
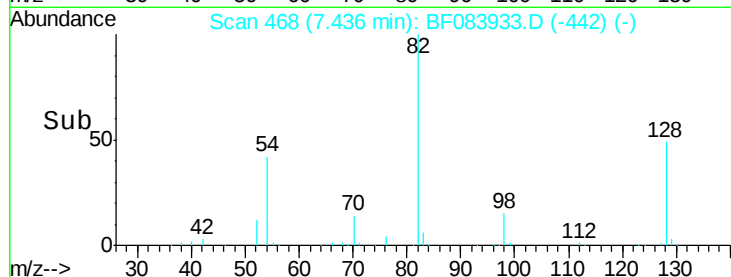
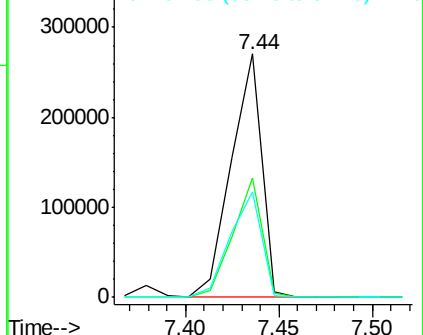
54 43.3 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 35.11 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

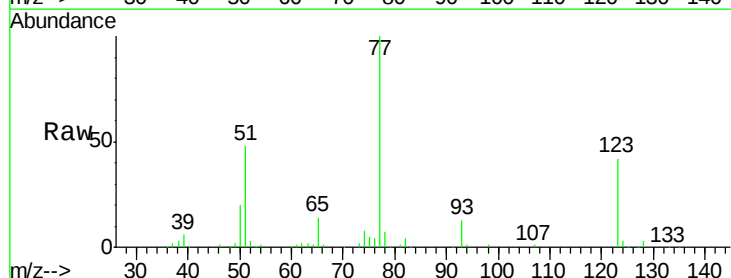
Tgt Ion: 77 Resp: 140390

Ion Ratio Lower Upper

77 100

123 42.0 37.4 56.2

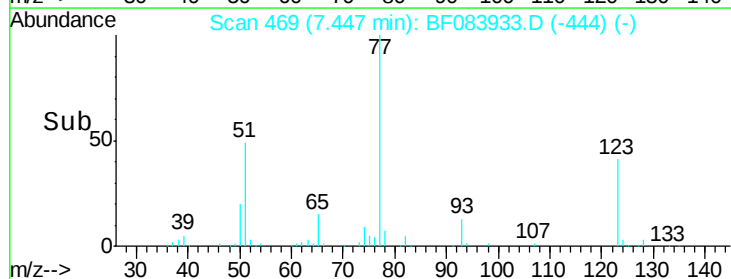
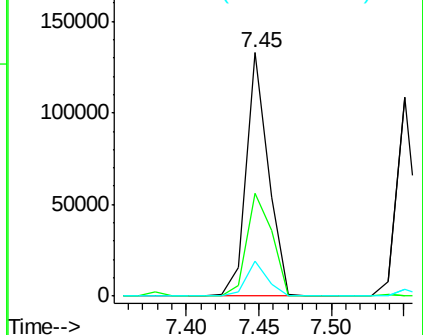
65 14.3 10.9 16.3

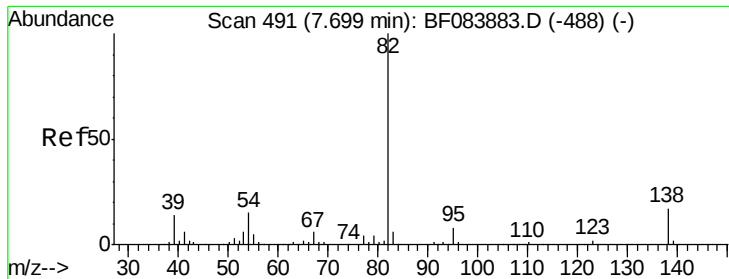


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.69 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB87185BS

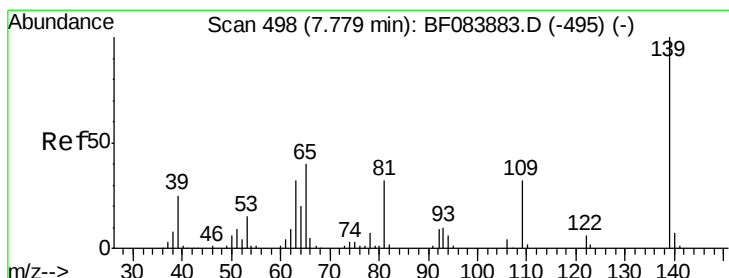
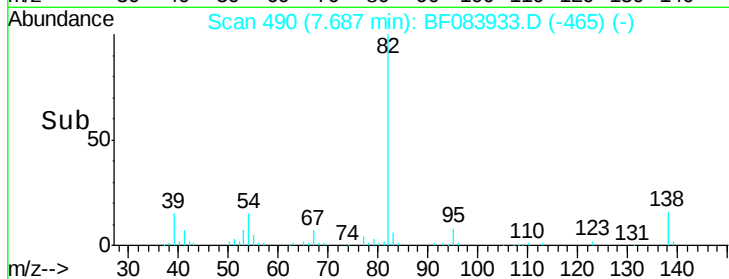
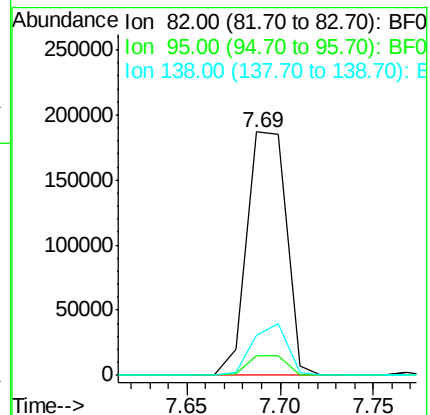
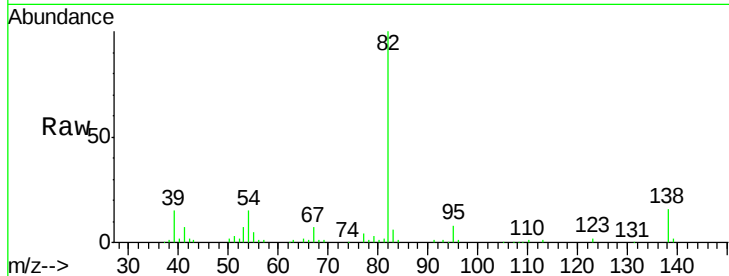
Tgt Ion: 82 Resp: 274138

Ion Ratio Lower Upper

82 100

95 7.9 6.6 10.0

138 16.2 13.6 20.4



#26

2-Nitrophenol

Concen: 30.28 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

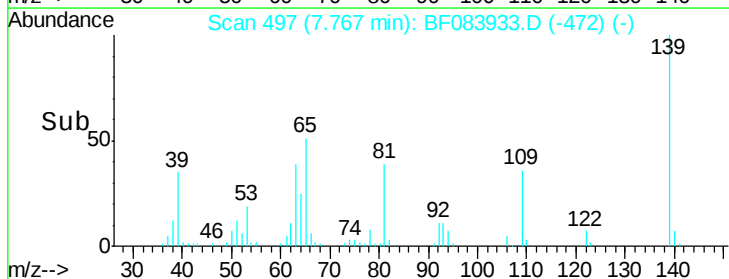
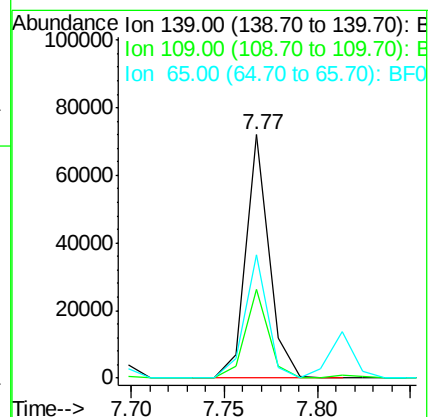
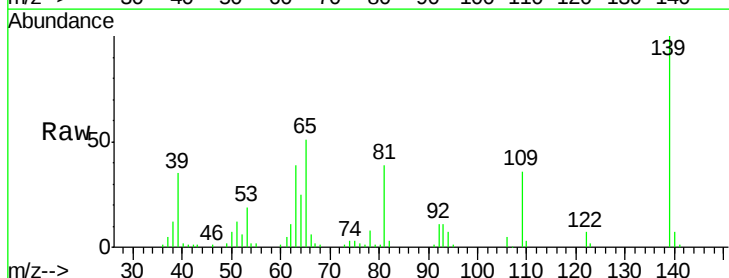
Tgt Ion: 139 Resp: 62672

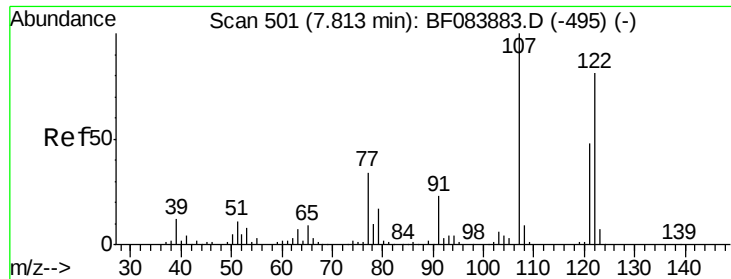
Ion Ratio Lower Upper

139 100

109 36.4 25.4 38.2

65 50.8 32.3 48.5#

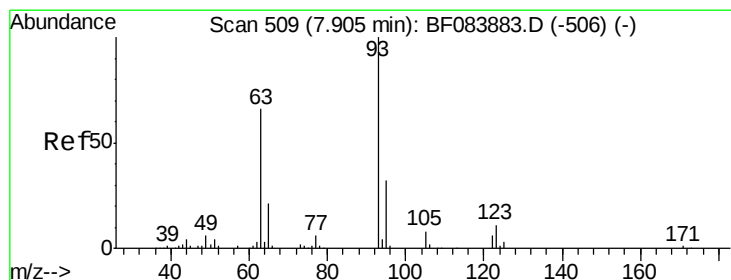
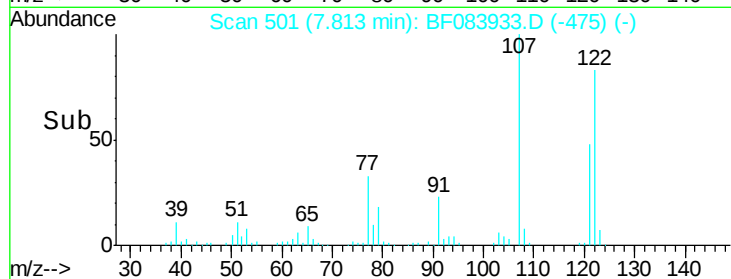
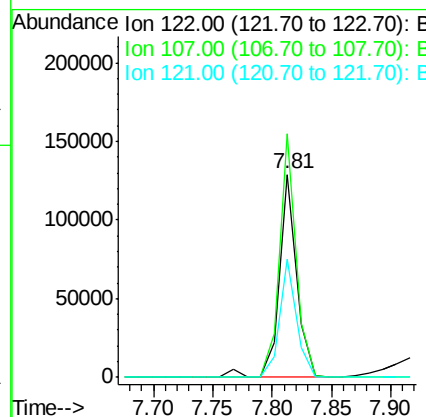
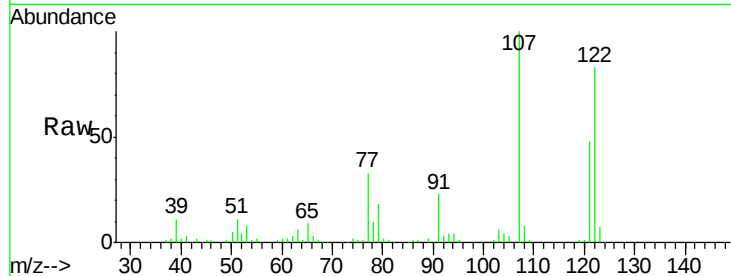




#27
 2,4-Dimethylphenol
 Concen: 37.09 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

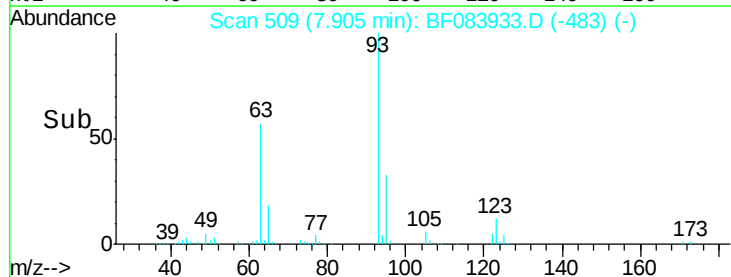
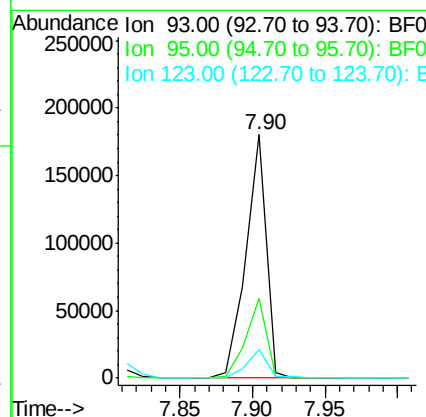
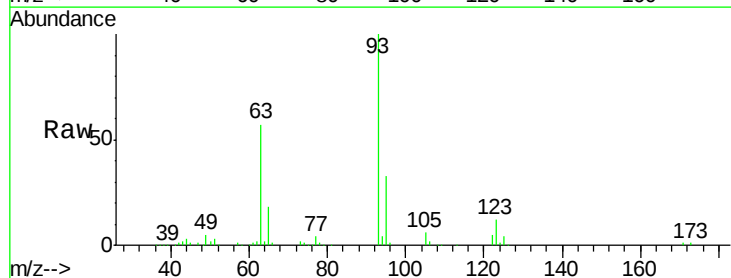
Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

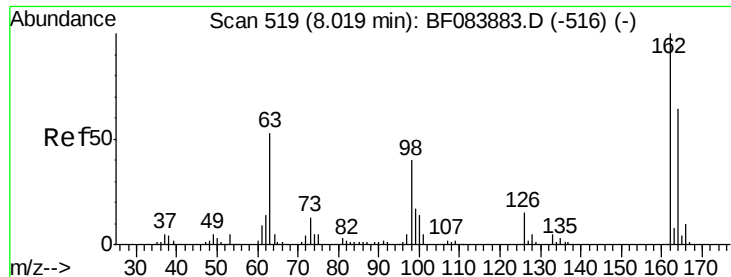
Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.0	99.1	148.7
121	58.1	47.9	71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.95 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.8	38.6
123	11.6	8.6	12.8

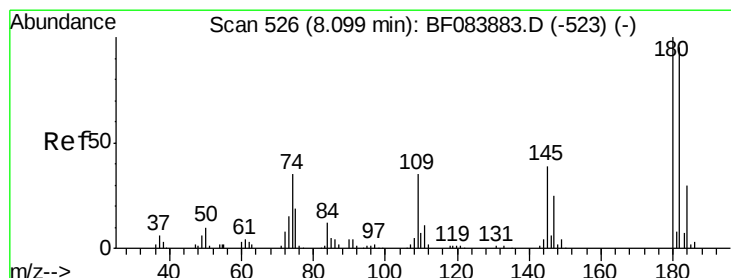
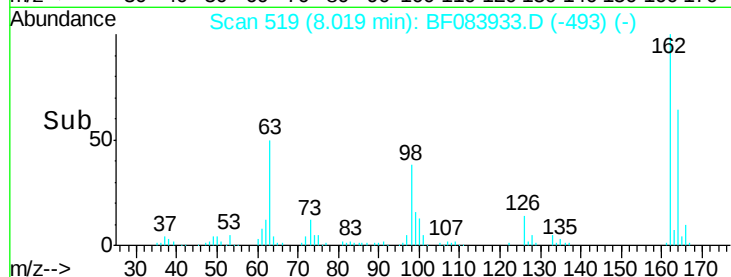
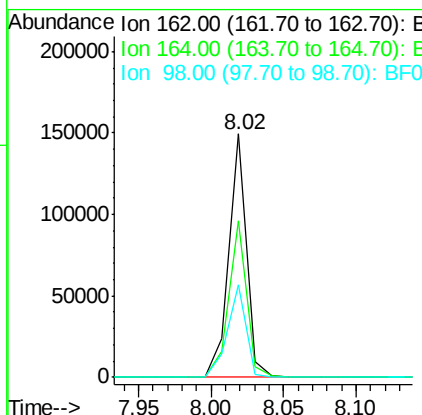
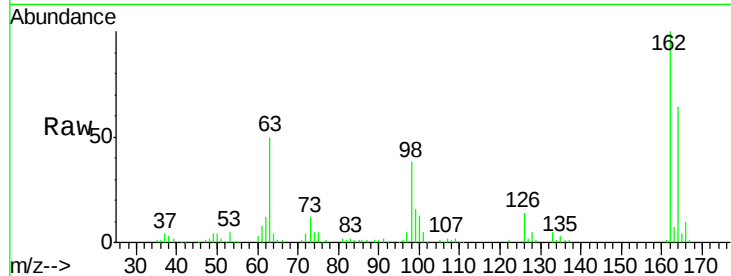




#29
 2,4-Dichlorophenol
 Concen: 39.31 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

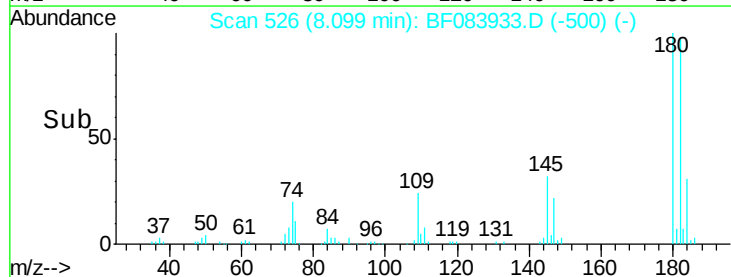
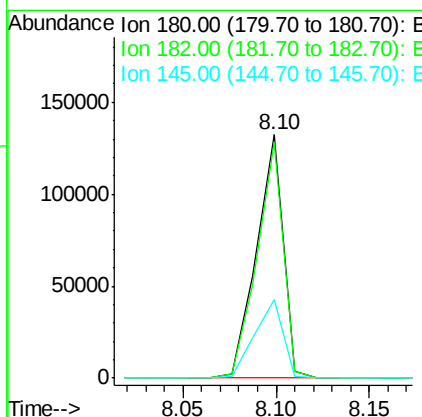
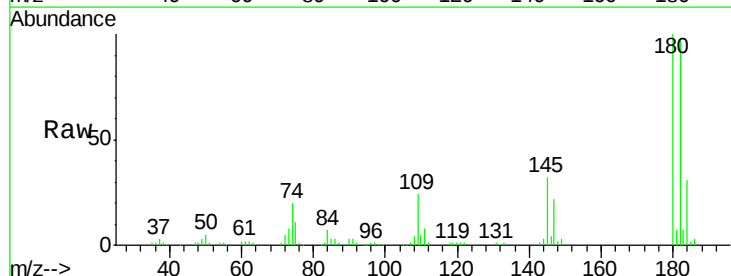
Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

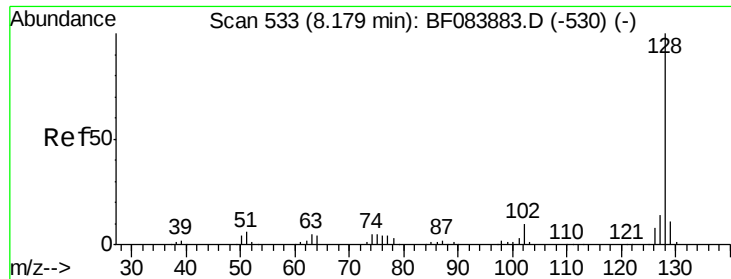
Tgt Ion:162 Resp: 127129
 Ion Ratio Lower Upper
 162 100
 164 64.4 44.1 84.1
 98 37.9 20.2 60.2



#30
 1,2,4-Trichlorobenzene
 Concen: 38.13 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion:180 Resp: 132453
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.4 114.6
 145 32.1 31.6 47.4

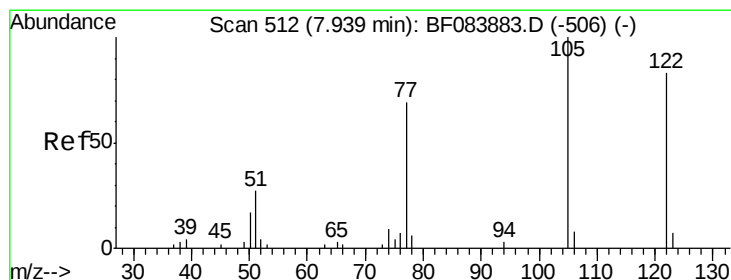
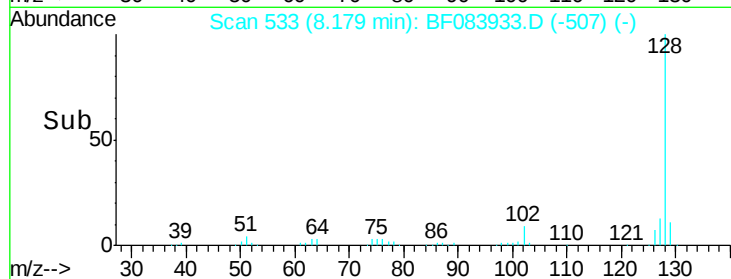
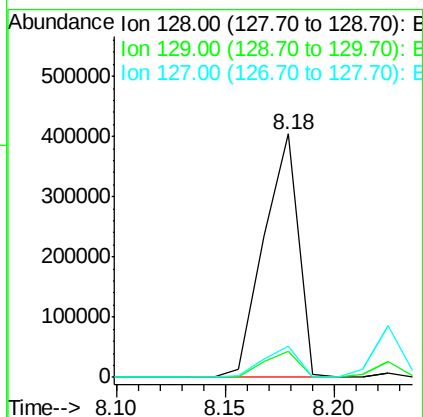
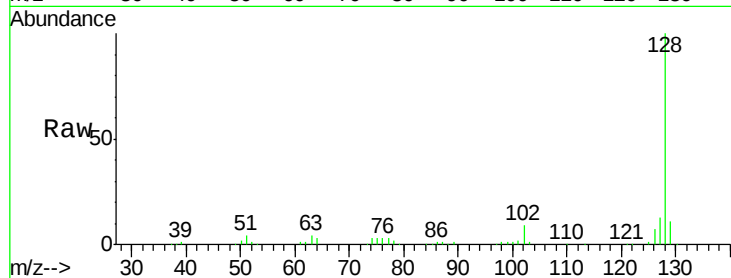




#31
Naphthalene
Concen: 40.41 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

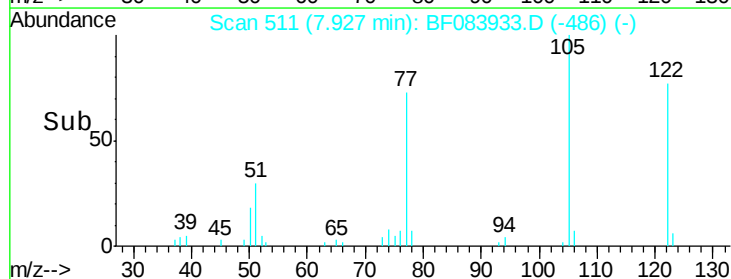
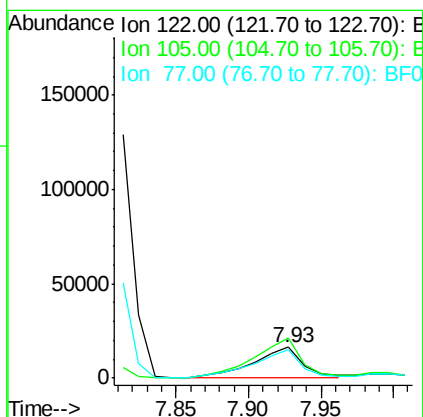
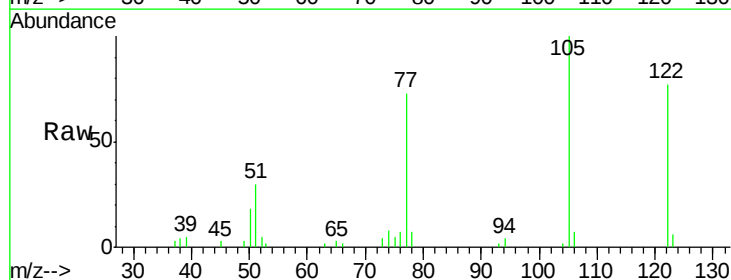
Instrument :
BNA_F
ClientSampleId :
PB87185BS

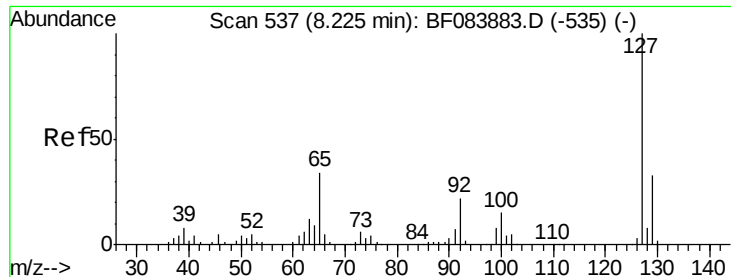
Tgt Ion:128 Resp: 451655
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 12.8 11.1 16.7



#32
Benzoic acid
Concen: 33.10 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion:122 Resp: 38159
Ion Ratio Lower Upper
122 100
105 129.2 100.3 140.3
77 93.9 63.5 103.5

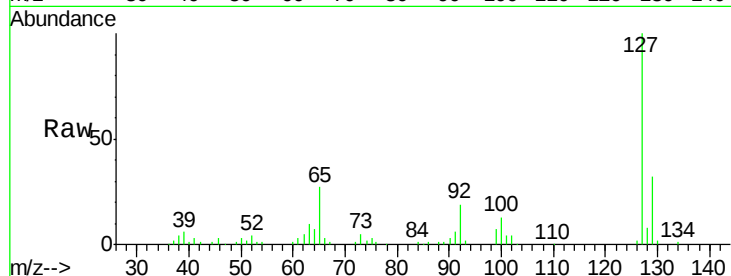




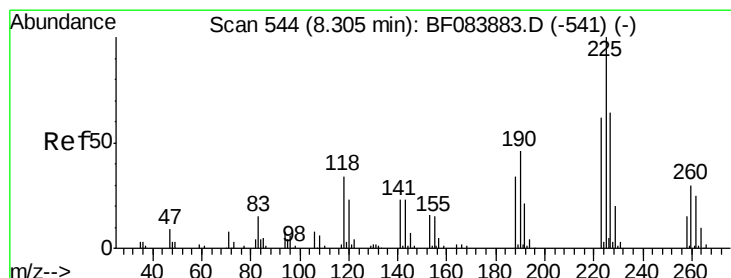
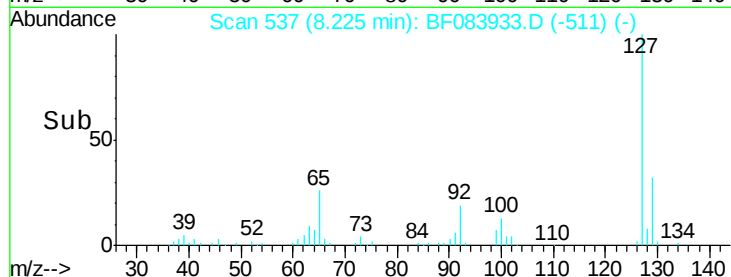
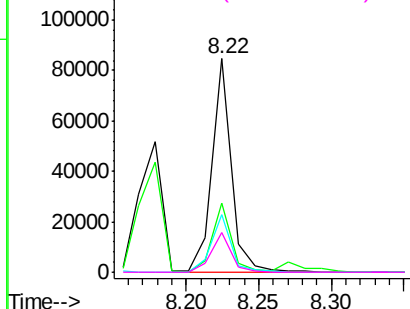
#33
4-Chloroaniline
Concen: 15.65 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tgt Ion:	127	Resp:	78391
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.5	39.7
65	27.0	27.2	40.8#
92	18.6	17.7	26.5

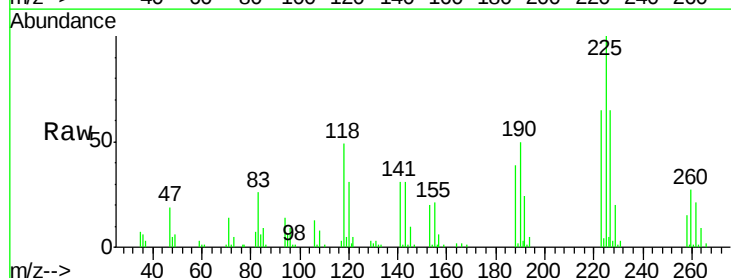


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

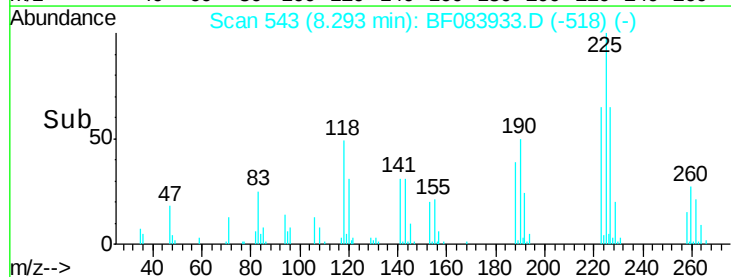
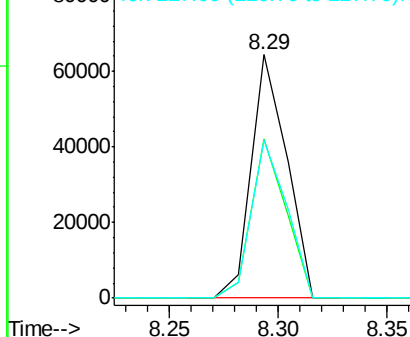


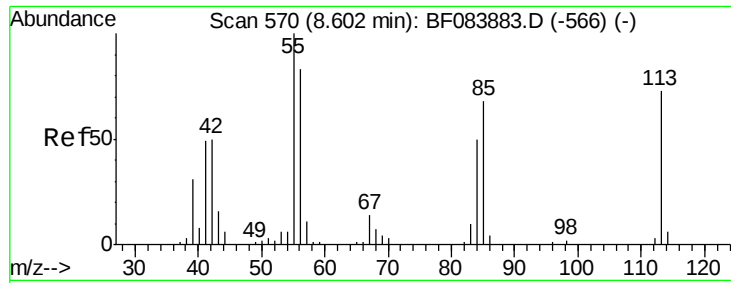
#34
Hexachlorobutadiene
Concen: 33.78 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion:	225	Resp:	73283
Ion	Ratio	Lower	Upper
225	100		
223	65.2	49.4	74.0
227	65.1	50.8	76.2



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

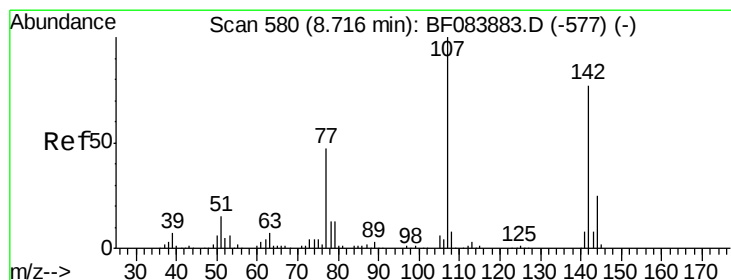
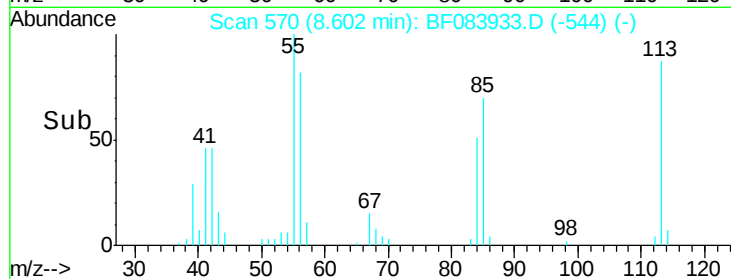
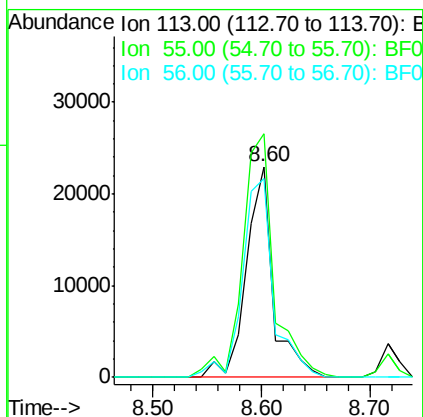
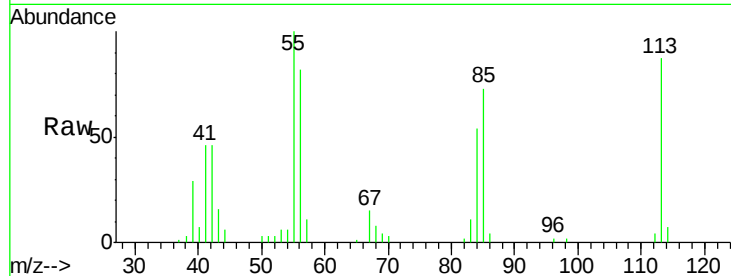




#35
 Caprolactam
 Concen: 36.57 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

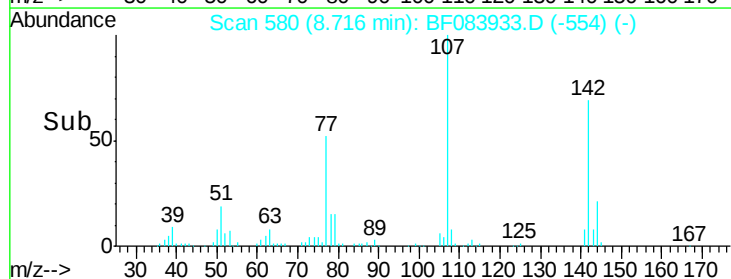
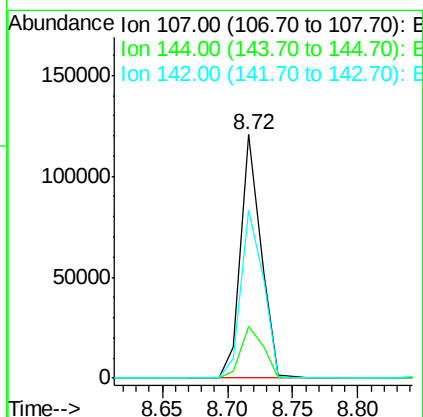
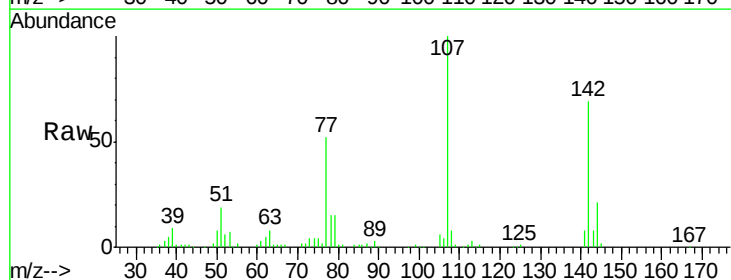
Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

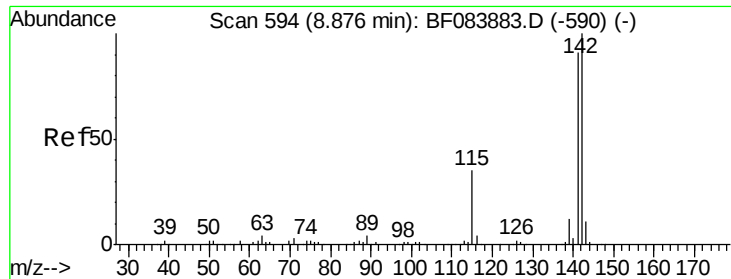
Tgt Ion:113 Resp: 39075
 Ion Ratio Lower Upper
 113 100
 55 115.5 116.9 156.9#
 56 94.2 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 35.35 ng
 RT: 8.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion:107 Resp: 130410
 Ion Ratio Lower Upper
 107 100
 144 21.5 19.7 29.5
 142 68.9 61.8 92.6

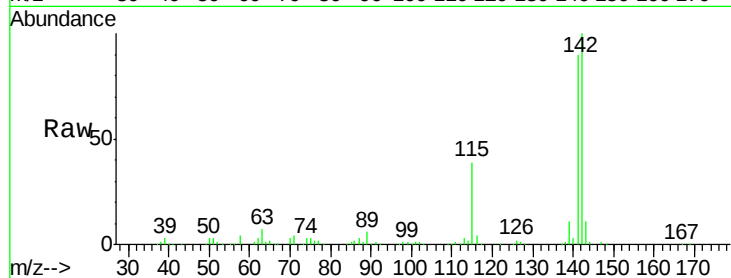




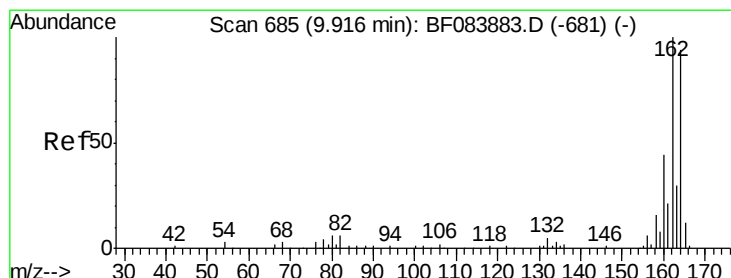
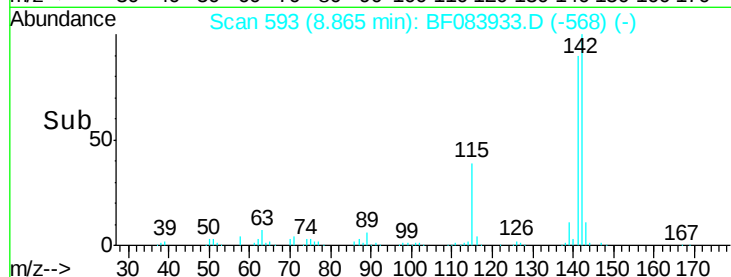
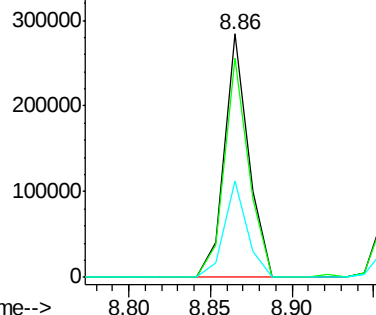
#37
2-Methylnaphthalene
Concen: 38.29 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tgt Ion:142 Resp: 293597
Ion Ratio Lower Upper
142 100
141 90.3 72.4 108.6
115 39.4 27.9 41.9

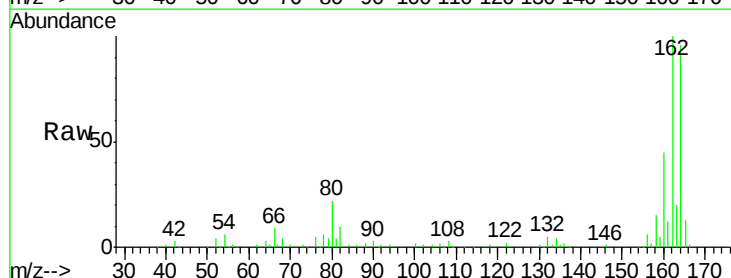


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

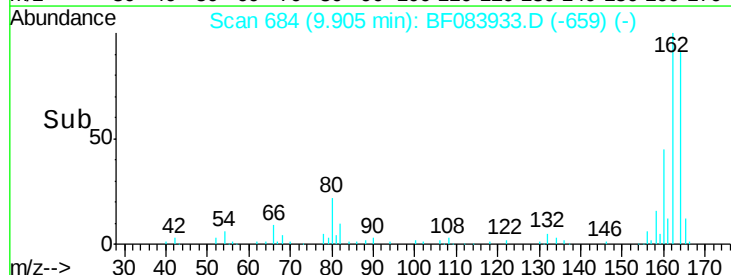
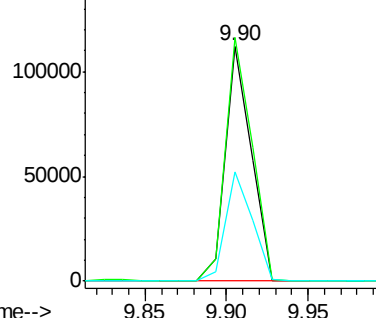


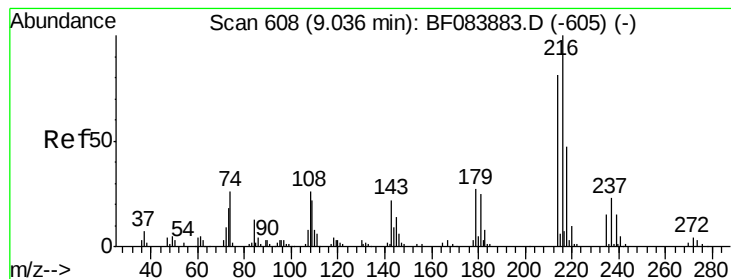
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion:164 Resp: 124089
Ion Ratio Lower Upper
164 100
162 103.7 85.1 127.7
160 46.5 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: 33.72 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB87185BS

Tgt Ion:216 Resp: 131911

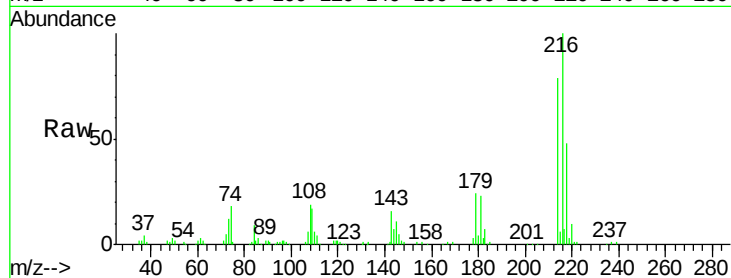
Ion Ratio Lower Upper

216 100

214 79.3 64.2 96.2

179 23.6 18.7 28.1

108 20.5 16.8 25.2

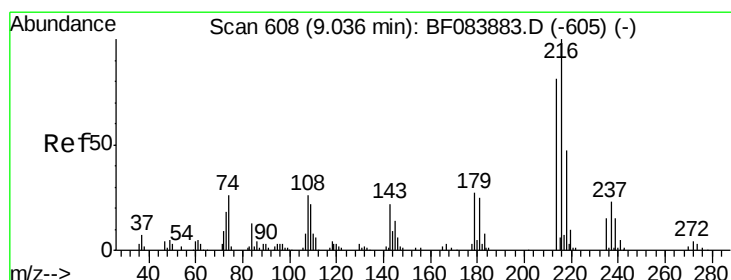
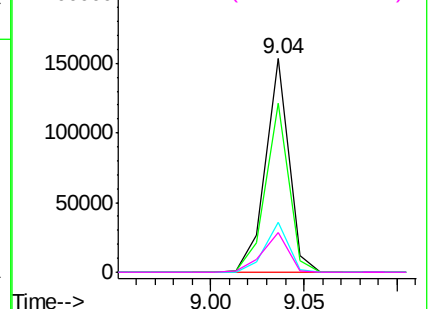
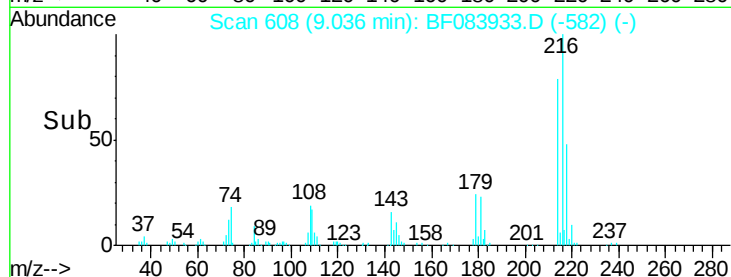


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 26.95 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

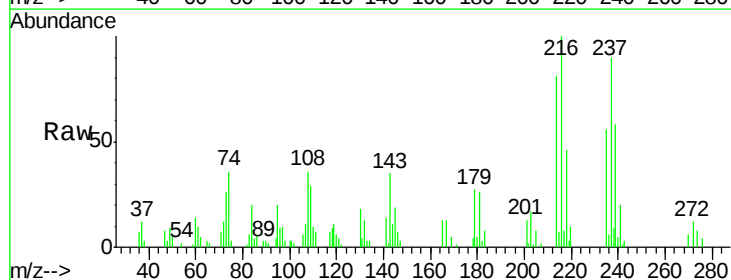
Tgt Ion:237 Resp: 19286

Ion Ratio Lower Upper

237 100

235 62.3 43.1 83.1

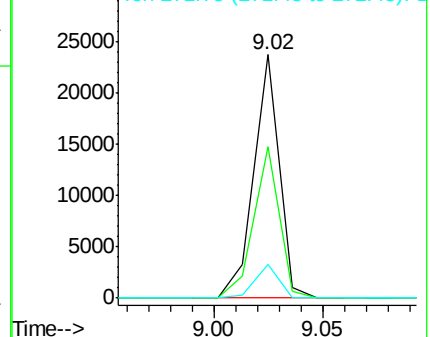
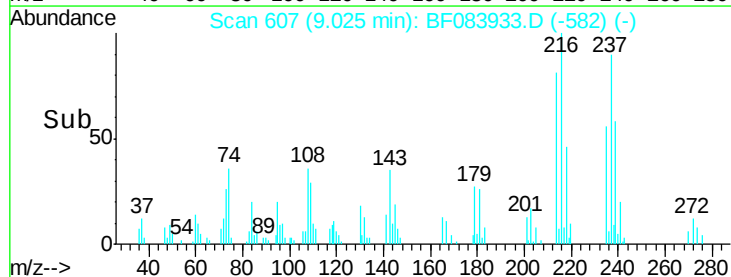
272 13.7 0.0 35.1

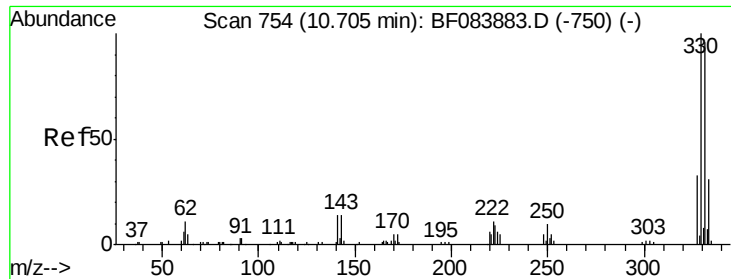


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

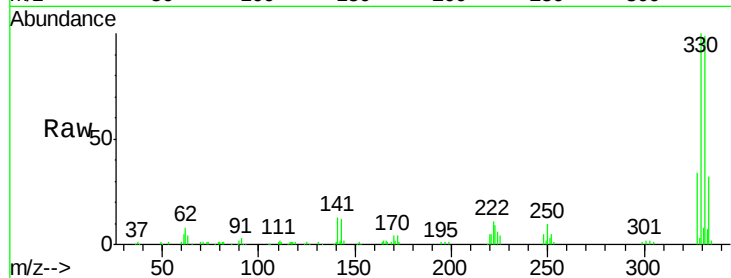




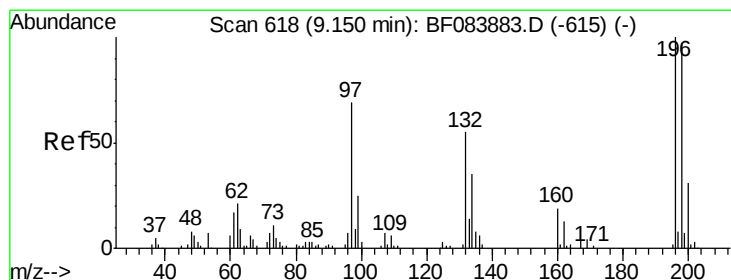
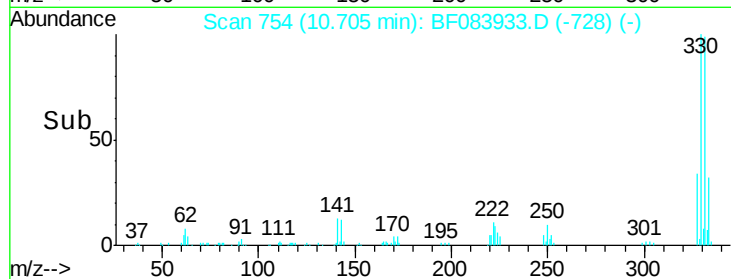
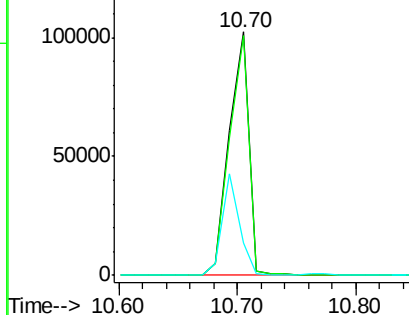
#41
 2,4,6-Tribromophenol
 Concen: 86.73 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tgt Ion:330 Resp: 118560
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 36.2 27.8 41.6

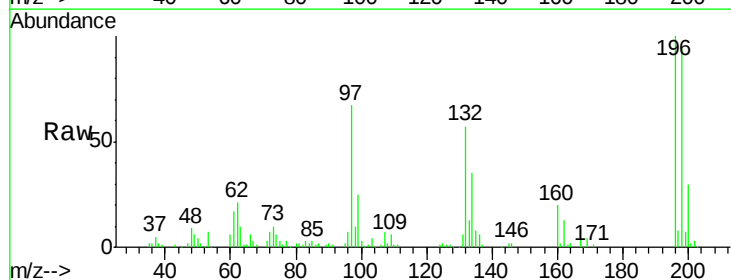


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

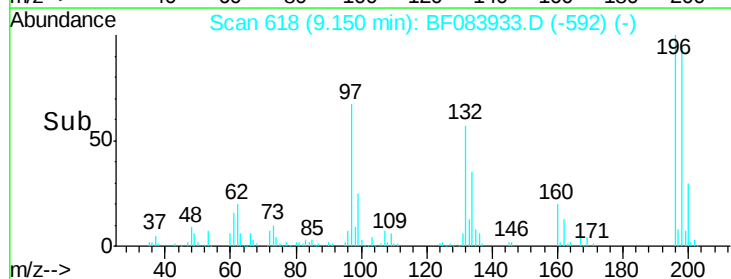
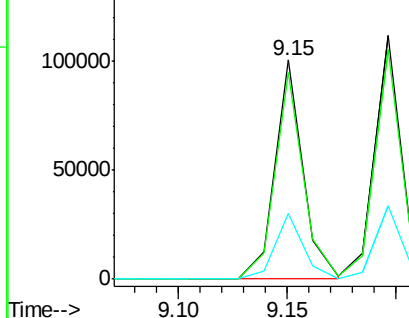


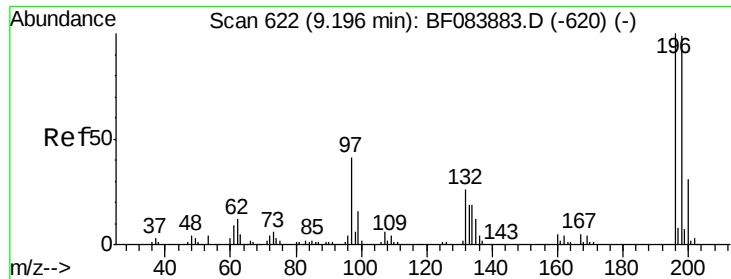
#42
 2,4,6-Trichlorophenol
 Concen: 35.06 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion:196 Resp: 90559
 Ion Ratio Lower Upper
 196 100
 198 94.4 77.7 116.5
 200 30.3 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

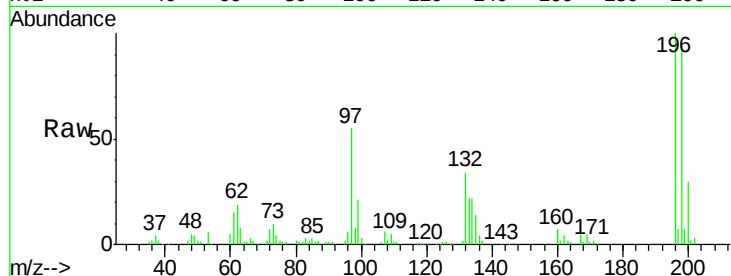




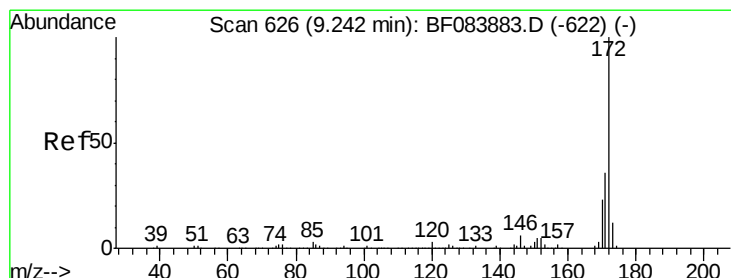
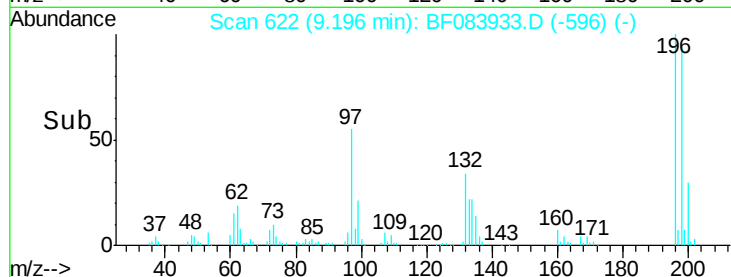
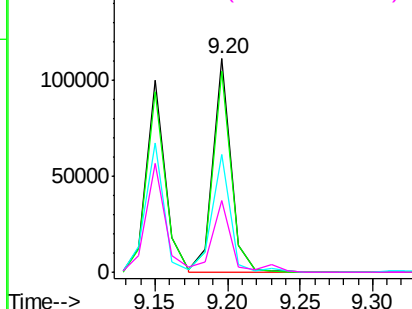
#43
 2,4,5-Trichlorophenol
 Concen: 37.55 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tgt Ion:196 Resp: 96001
 Ion Ratio Lower Upper
 196 100
 198 94.2 79.0 118.6
 97 55.4 33.0 49.6#
 132 33.5 21.1 31.7#

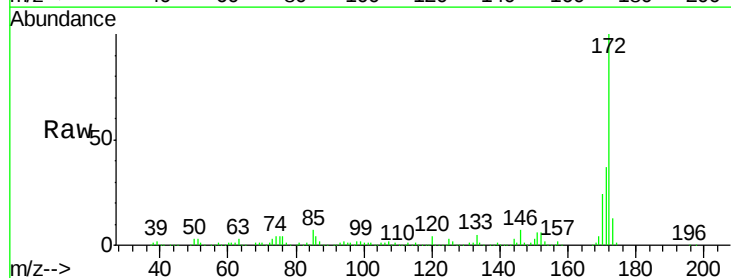


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

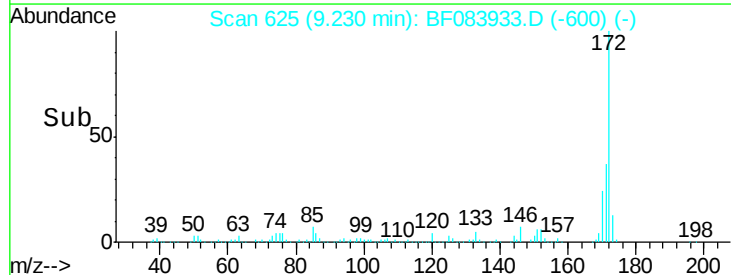
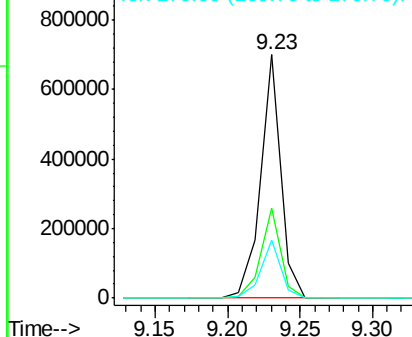


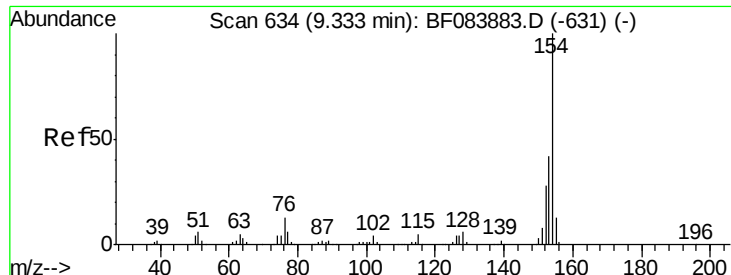
#44
 2-Fluorobiphenyl
 Concen: 74.97 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion:172 Resp: 674962
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.9 43.3
 170 24.0 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

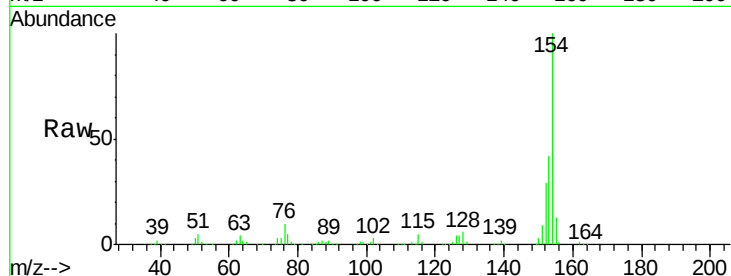




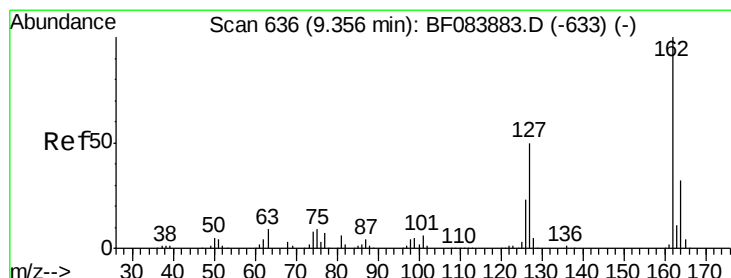
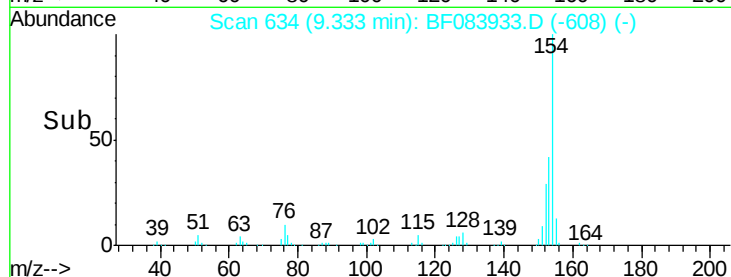
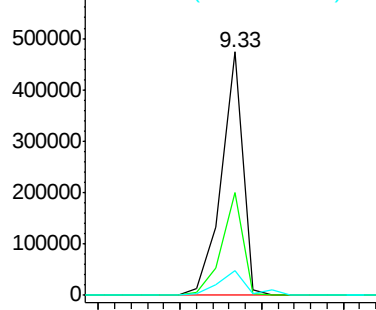
#45
 1,1'-Biphenyl
 Concen: 41.40 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tgt Ion:154 Resp: 432544
 Ion Ratio Lower Upper
 154 100
 153 42.1 21.6 61.6
 76 10.2 0.0 32.7

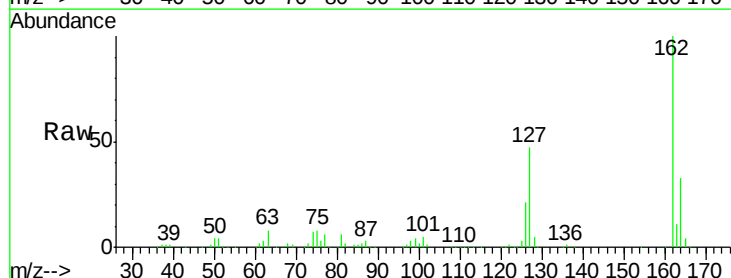


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

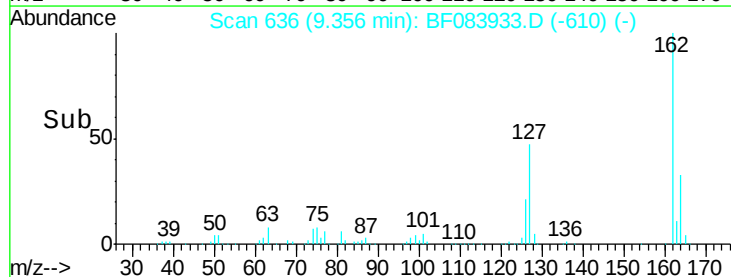
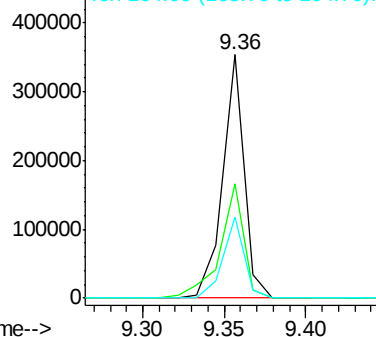


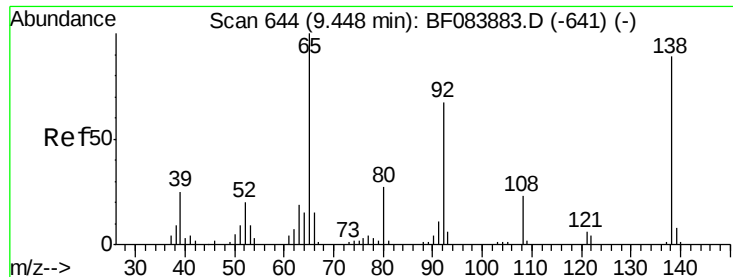
#46
 2-Chloronaphthalene
 Concen: 39.38 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion:162 Resp: 322837
 Ion Ratio Lower Upper
 162 100
 127 47.1 40.2 60.4
 164 33.4 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

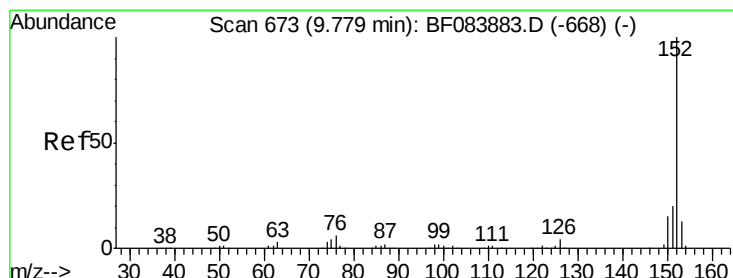
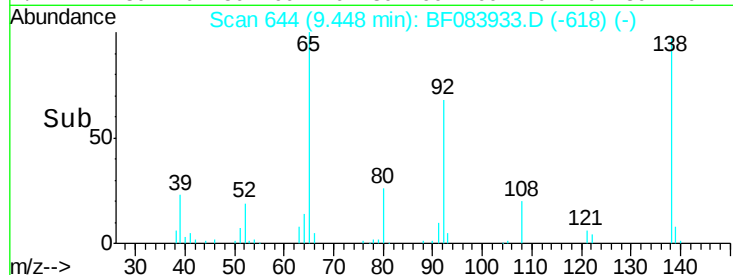
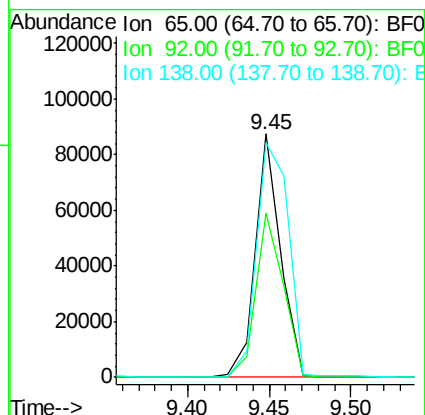
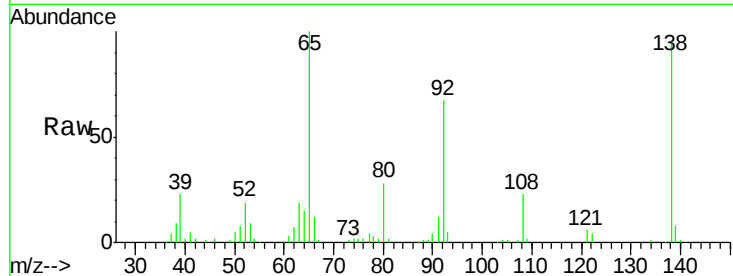




#47
2-Nitroaniline
Concen: 38.46 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

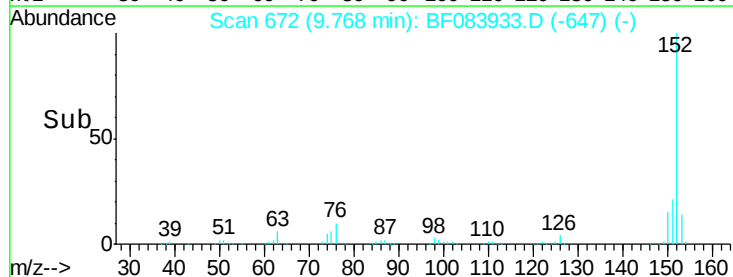
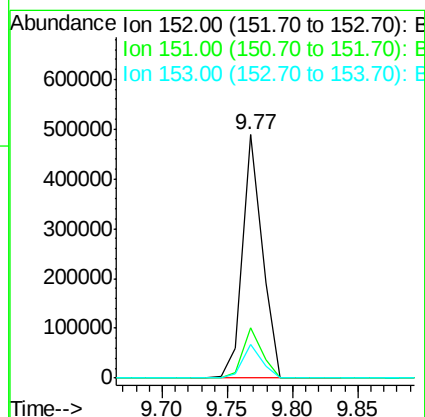
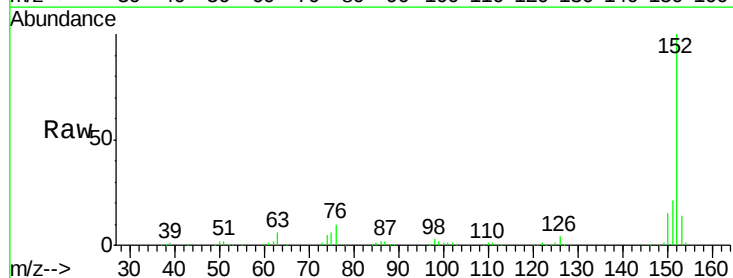
Instrument :
BNA_F
ClientSampleId :
PB87185BS

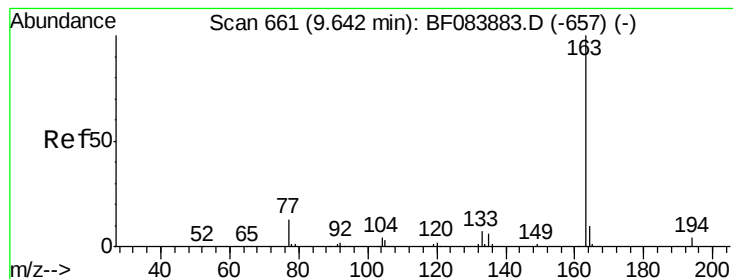
Tgt Ion: 65 Resp: 94372
Ion Ratio Lower Upper
65 100
92 67.3 53.4 80.2
138 96.1 71.1 106.7



#48
Acenaphthylene
Concen: 35.35 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion: 152 Resp: 511342
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.7 10.4 15.6





#49

Dimethylphthalate

Concen: 36.98 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB87185BS

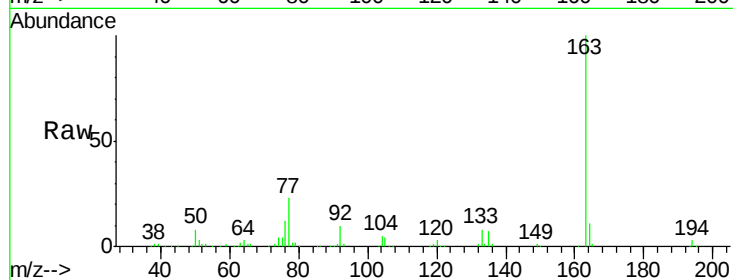
Tgt Ion:163 Resp: 385076

Ion Ratio Lower Upper

163 100

194 3.0 8.0 12.0#

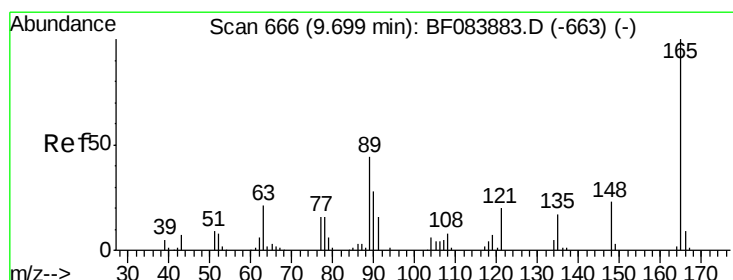
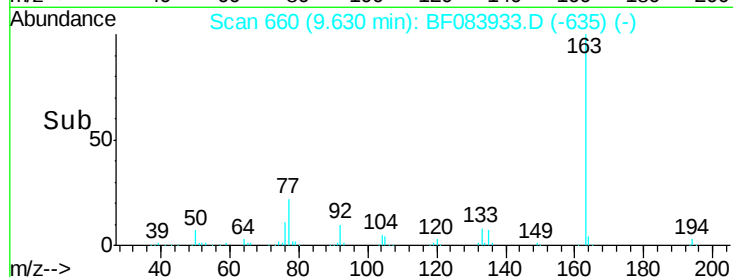
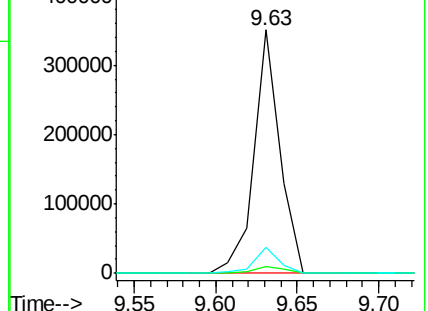
164 10.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.40 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

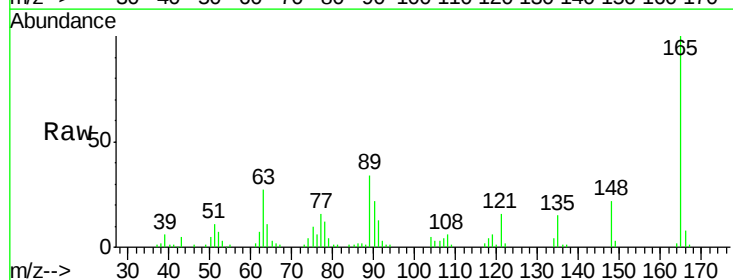
Tgt Ion:165 Resp: 82675

Ion Ratio Lower Upper

165 100

63 26.7 28.8 43.2#

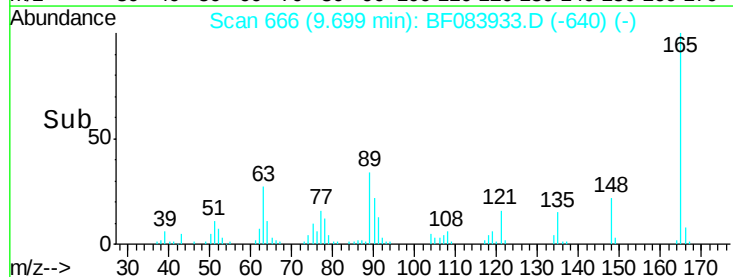
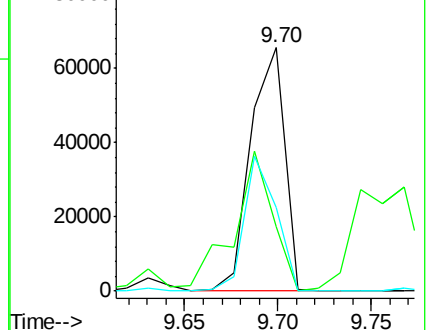
89 34.3 35.1 52.7#

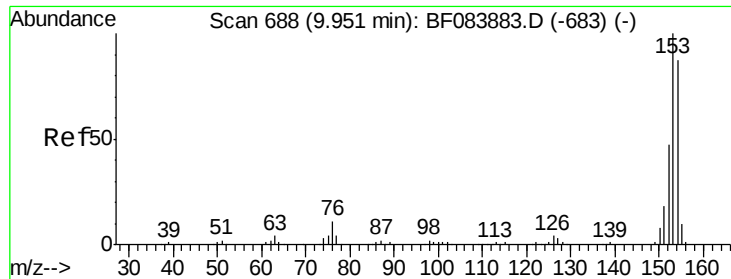


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.07 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB87185BS

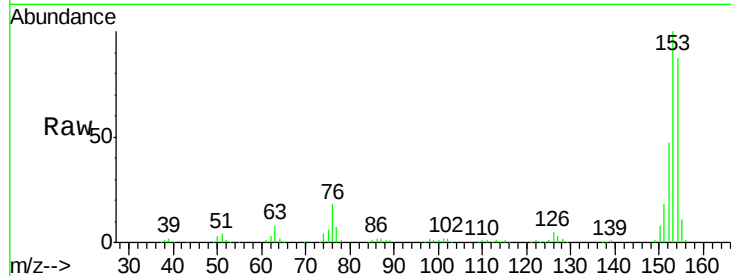
Tgt Ion:154 Resp: 311970

Ion Ratio Lower Upper

154 100

153 115.3 91.5 137.3

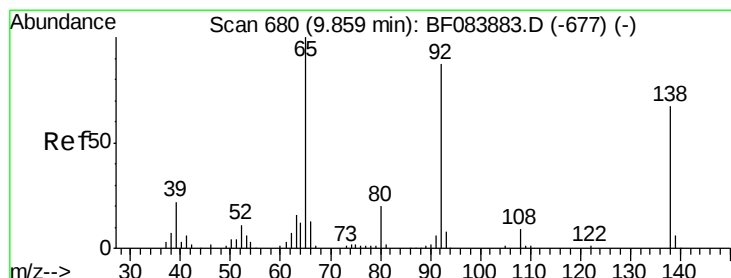
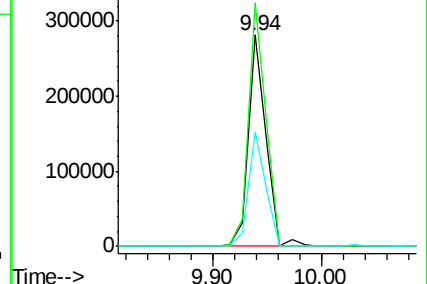
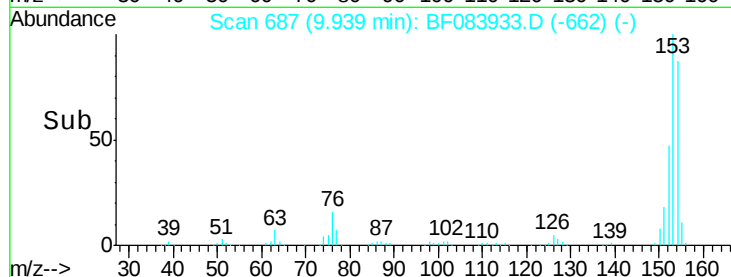
152 54.1 43.0 64.6



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: 29.58 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

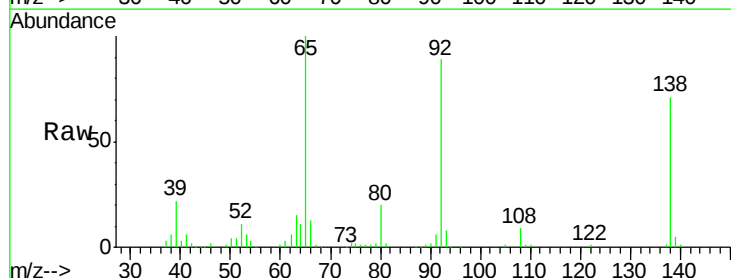
Tgt Ion:138 Resp: 70808

Ion Ratio Lower Upper

138 100

108 12.6 10.5 15.7

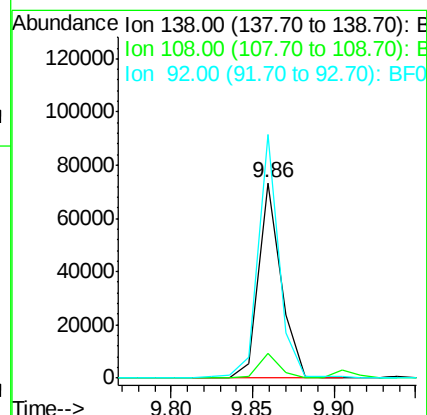
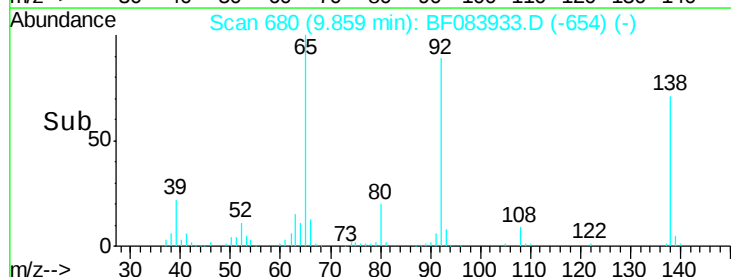
92 124.8 103.9 155.9

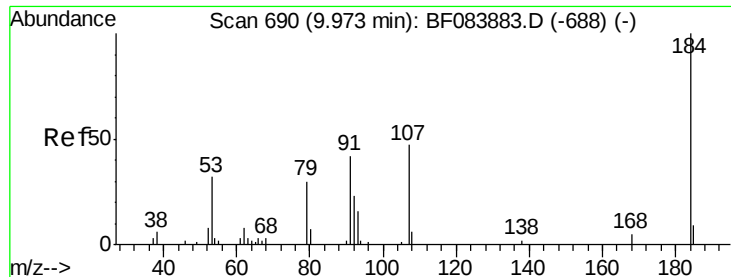


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

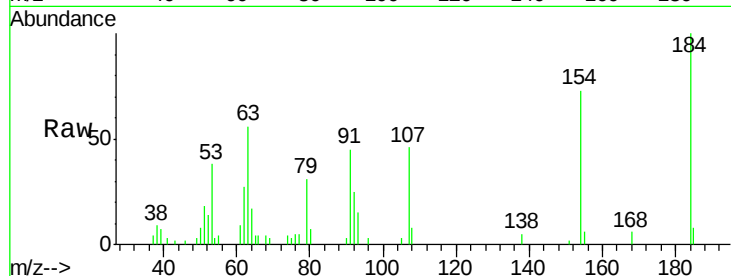




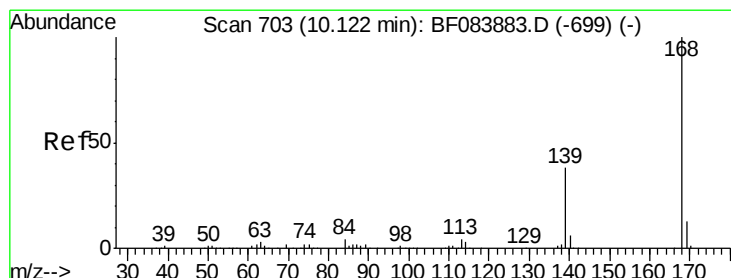
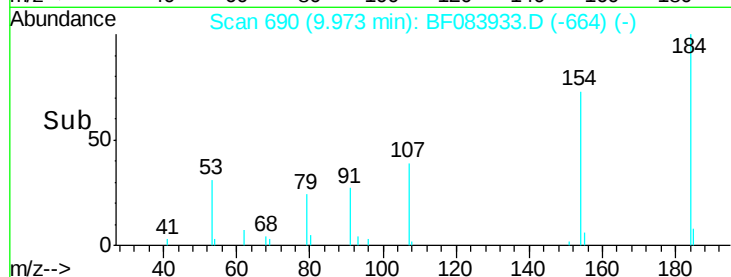
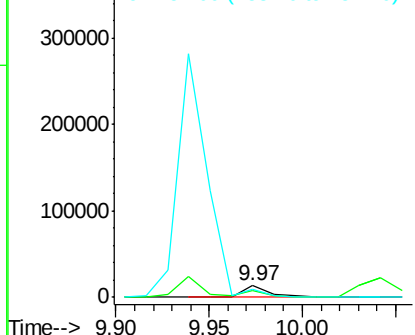
#53
 2,4-Dinitrophenol
 Concen: 25.27 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tgt Ion:184 Resp: 14017
 Ion Ratio Lower Upper
 184 100
 63 55.7 43.1 64.7
 154 73.5 60.5 90.7

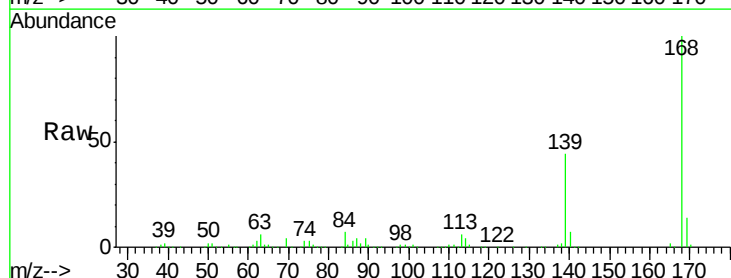


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

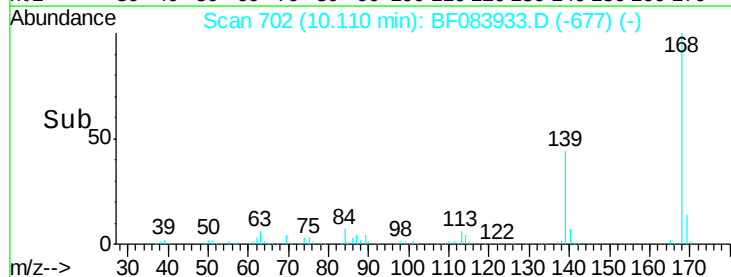
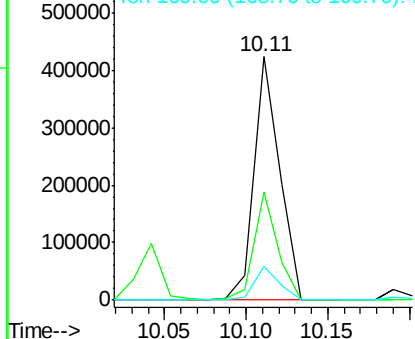


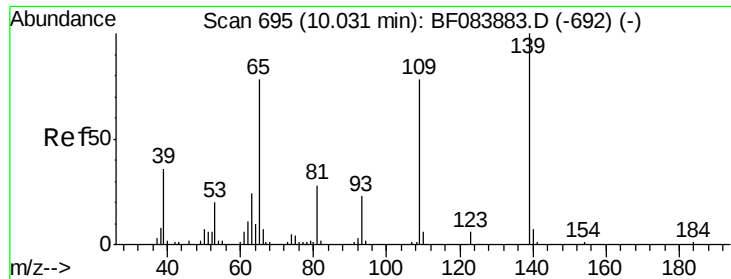
#54
 Dibenzofuran
 Concen: 39.84 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion:168 Resp: 460218
 Ion Ratio Lower Upper
 168 100
 139 44.2 30.5 45.7
 169 13.7 10.4 15.6



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

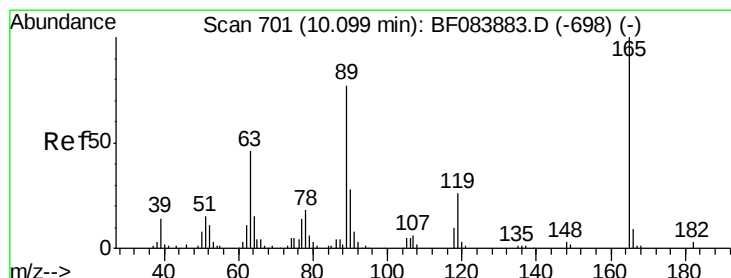
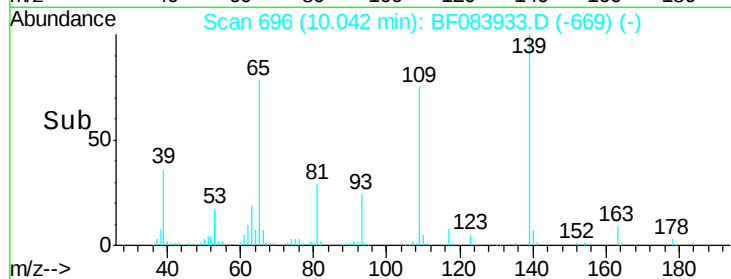
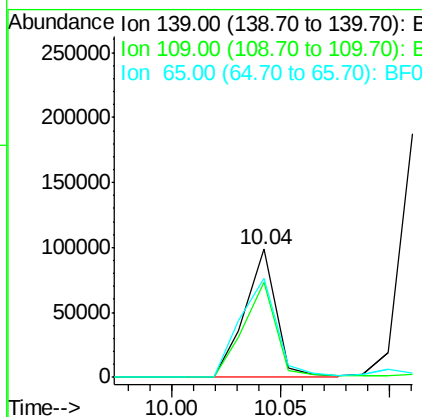
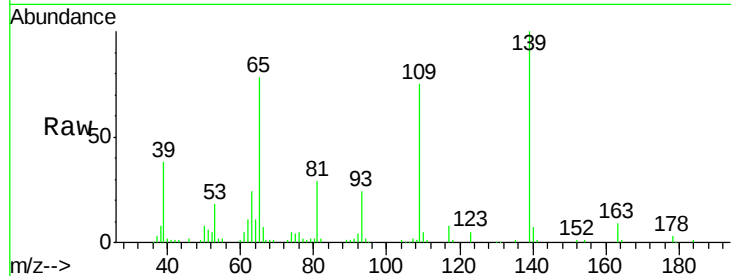




#55
4-Nitrophenol
Concen: 66.60 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

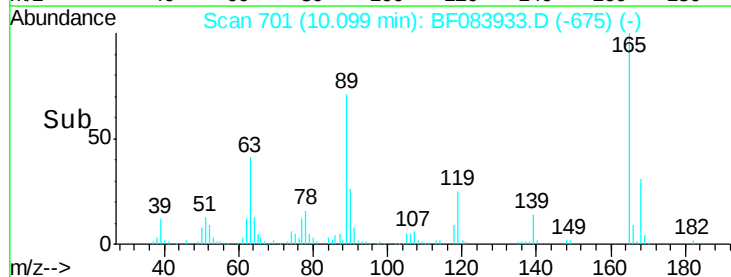
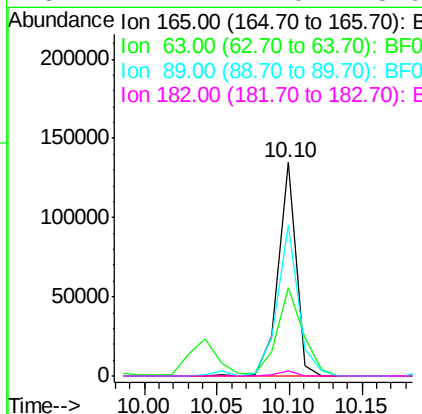
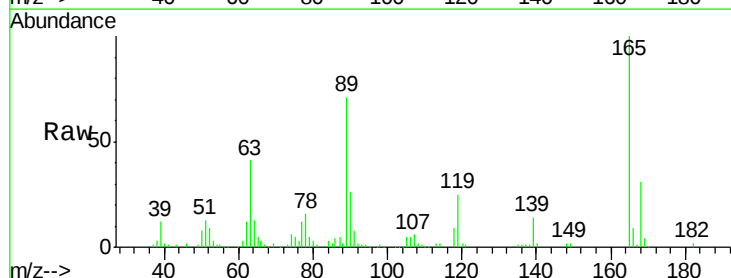
Instrument :
BNA_F
ClientSampleId :
PB87185BS

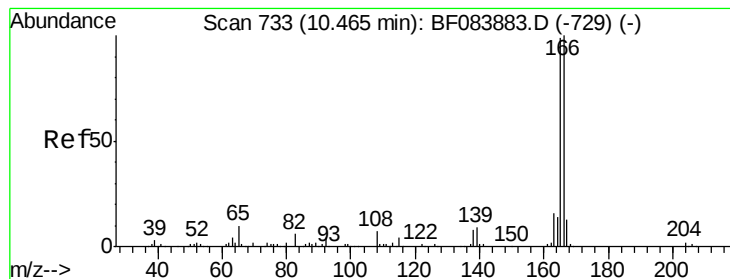
Tgt Ion:139 Resp: 99545
Ion Ratio Lower Upper
139 100
109 74.7 58.5 98.5
65 77.6 57.6 97.6



#56
2,4-Dinitrotoluene
Concen: 39.71 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion:165 Resp: 115628
Ion Ratio Lower Upper
165 100
63 41.5 36.7 55.1
89 71.0 61.9 92.9
182 2.4 2.0 3.0





#57

Fluorene

Concen: 32.80 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB87185BS

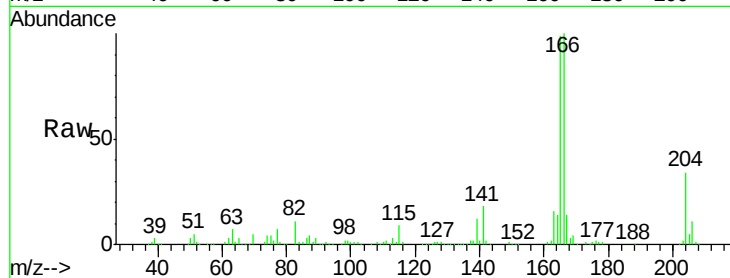
Tgt Ion:166 Resp: 295298

Ion Ratio Lower Upper

166 100

165 98.9 79.1 118.7

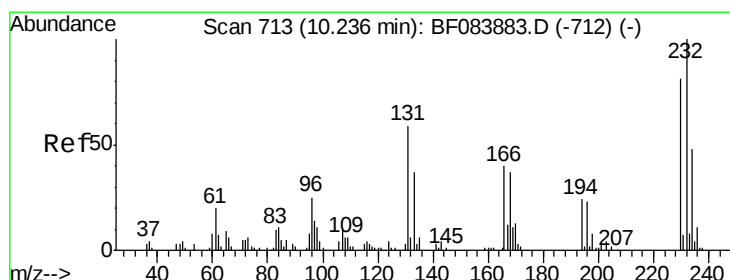
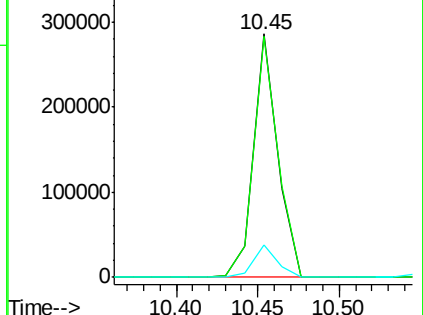
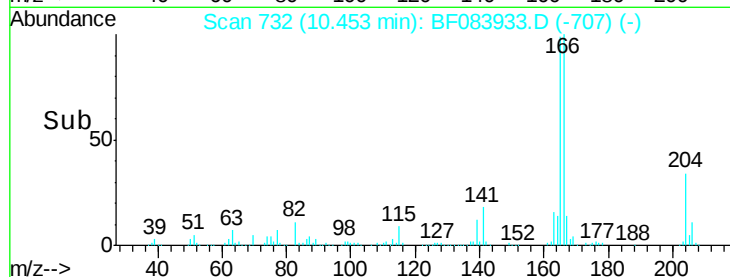
167 13.6 10.4 15.6



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: 39.82 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Tgt Ion:232 Resp: 75324

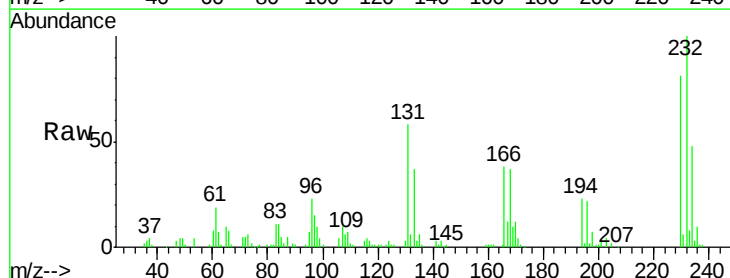
Ion Ratio Lower Upper

232 100

131 54.6 47.0 70.6

130 2.4 2.0 3.0

166 35.8 30.5 45.7

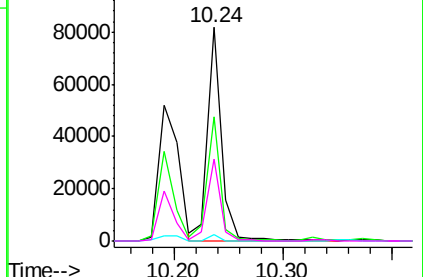
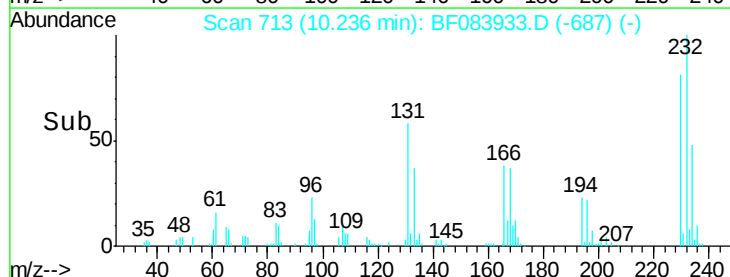


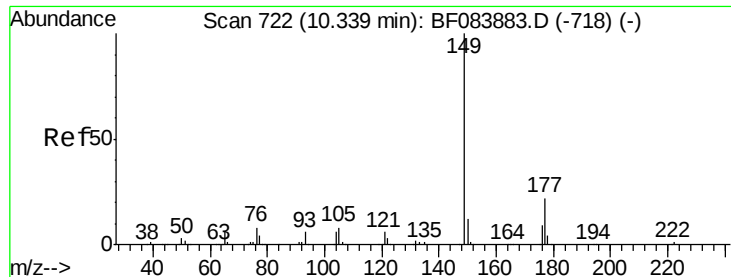
Abundance Ion 232.00 (231.70 to 232.70): E

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

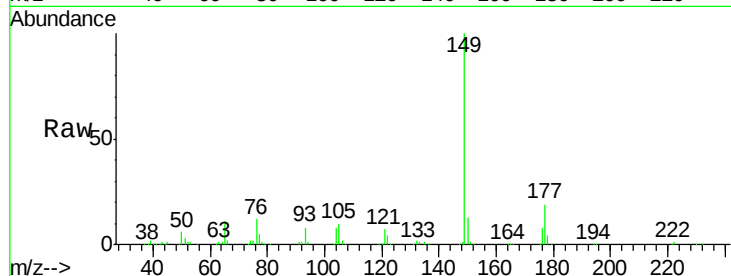




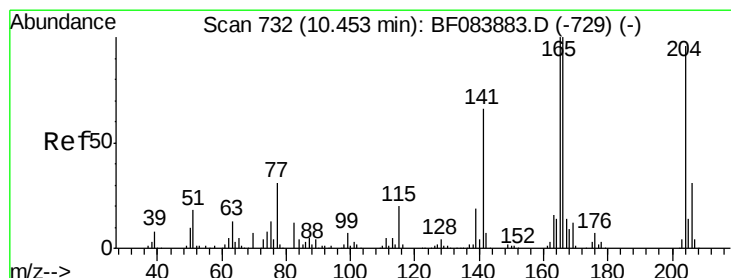
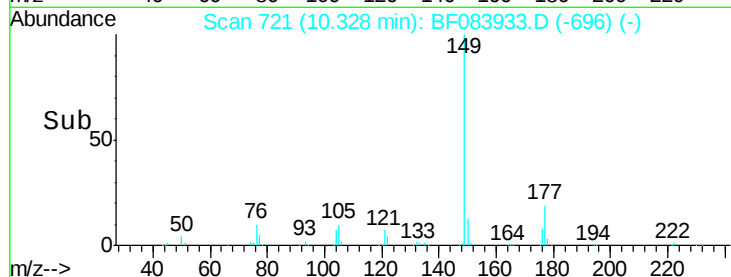
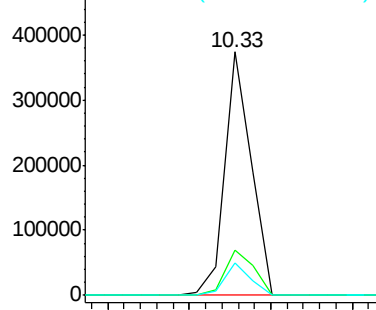
#59
Diethylphthalate
Concen: 39.03 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Instrument :
BNA_F
ClientSampleId :
PB87185BS

Tgt Ion:149 Resp: 420174
Ion Ratio Lower Upper
149 100
177 18.6 17.3 25.9
150 13.1 9.8 14.8

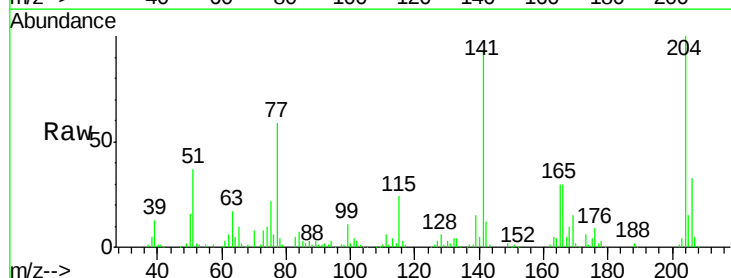


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

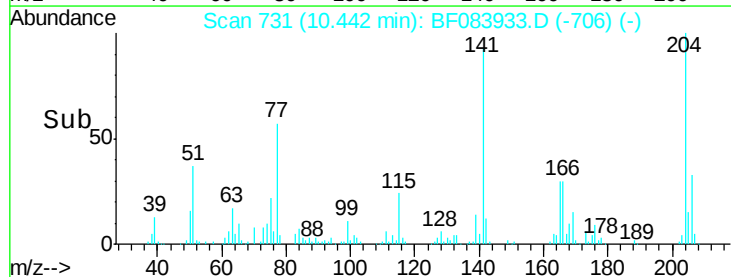
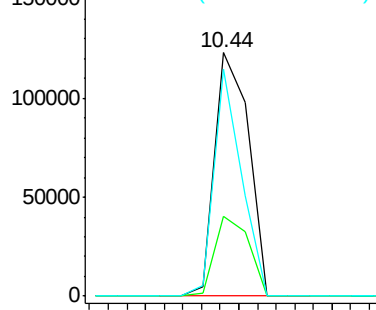


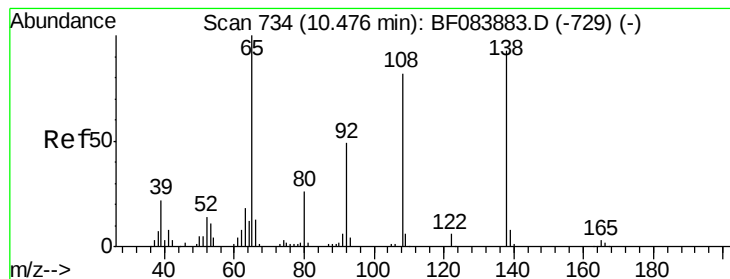
#60
4-Chlorophenyl-phenylether
Concen: 35.02 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion:204 Resp: 155038
Ion Ratio Lower Upper
204 100
206 32.6 25.7 38.5
141 93.1 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

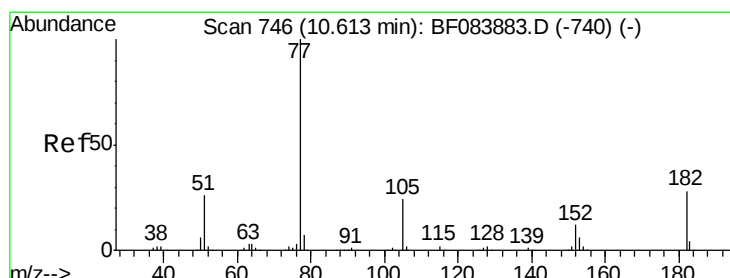
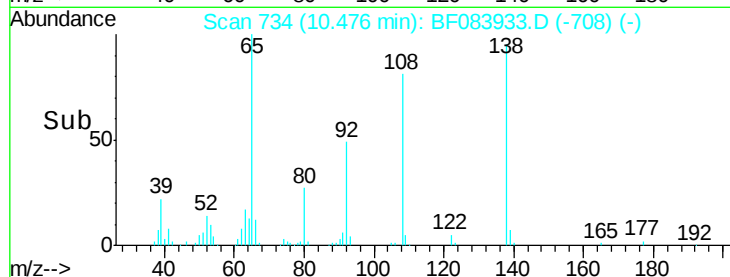
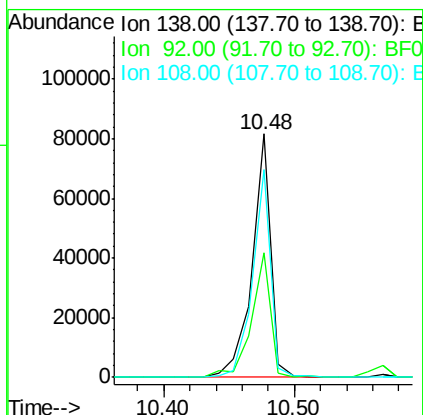
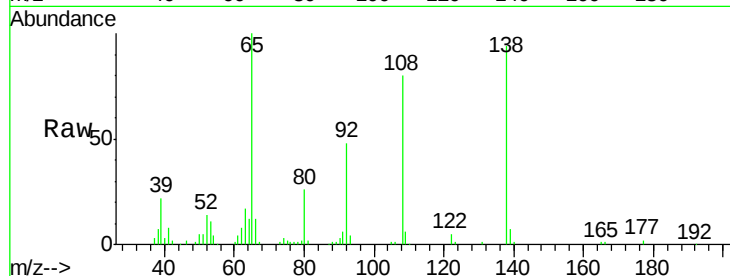




#61
 4-Nitroaniline
 Concen: 32.72 ng
 RT: 10.48 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

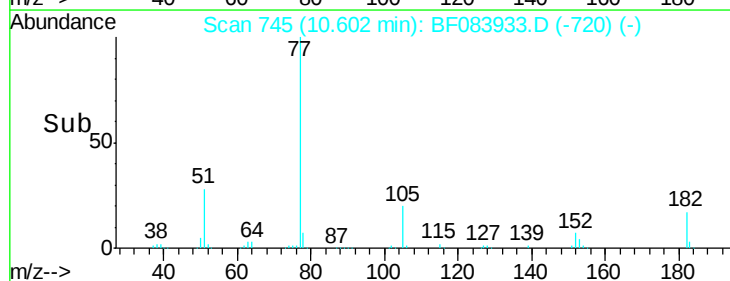
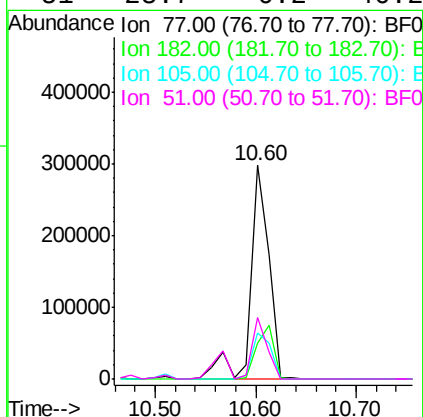
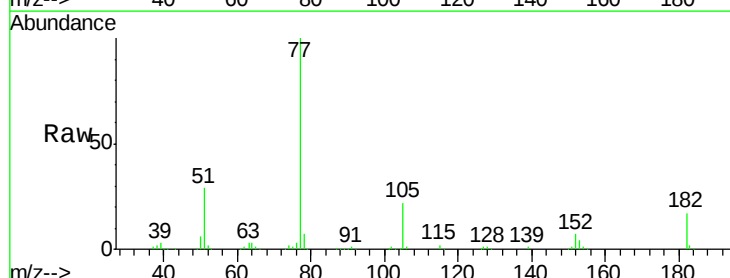
Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

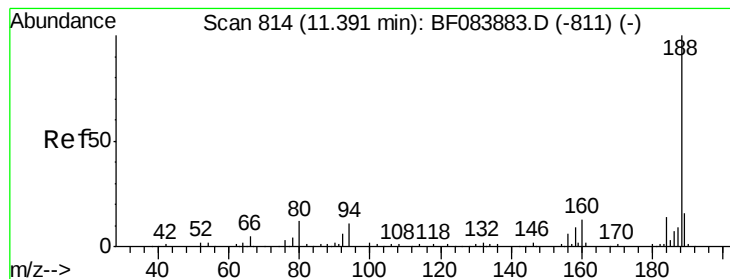
Tgt Ion:138 Resp: 81044
 Ion Ratio Lower Upper
 138 100
 92 51.3 32.6 72.6
 108 85.1 68.6 108.6



#62
 Azobenzene
 Concen: 41.70 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion: 77 Resp: 376227
 Ion Ratio Lower Upper
 77 100
 182 16.5 8.3 48.3
 105 21.5 4.6 44.6
 51 28.7 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB87185BS

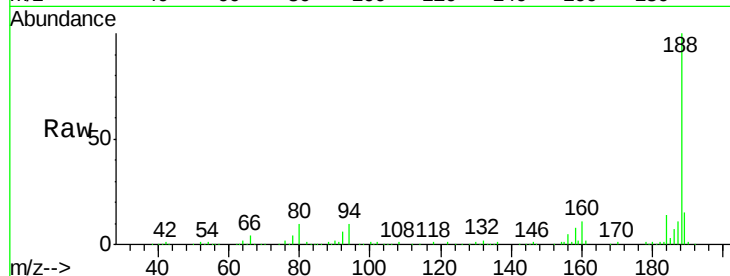
Tgt Ion:188 Resp: 210632

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.4

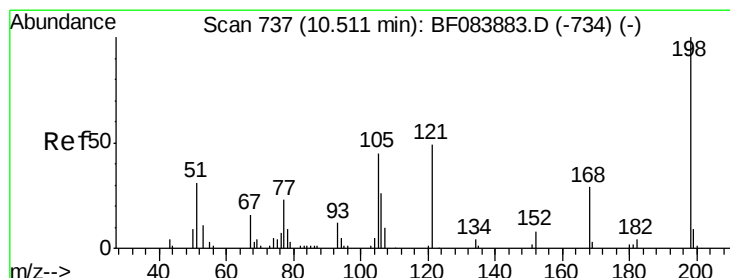
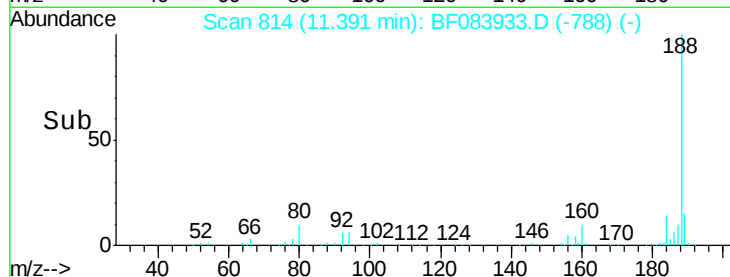
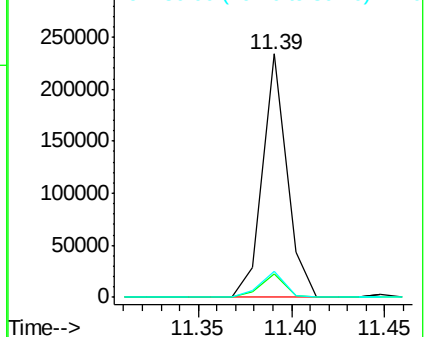
80 10.5 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 13.74 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

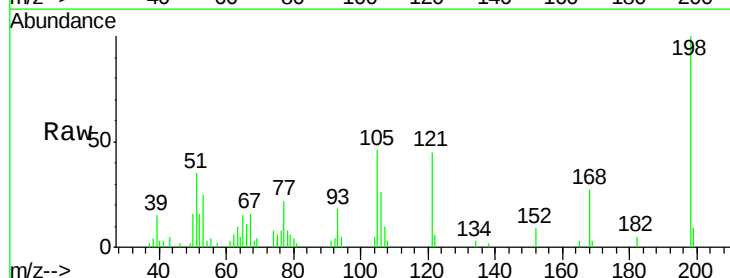
Tgt Ion:198 Resp: 13828

Ion Ratio Lower Upper

198 100

51 35.0 18.9 58.9

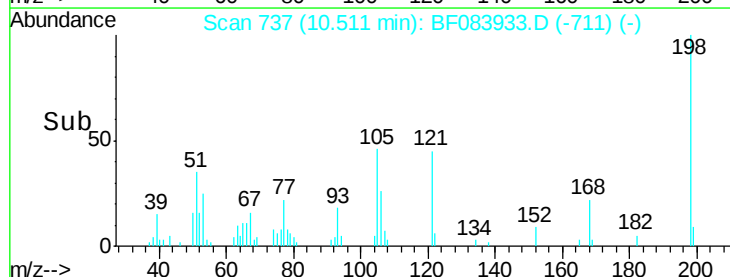
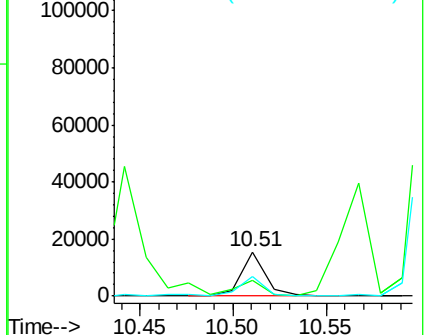
105 45.8 26.4 66.4

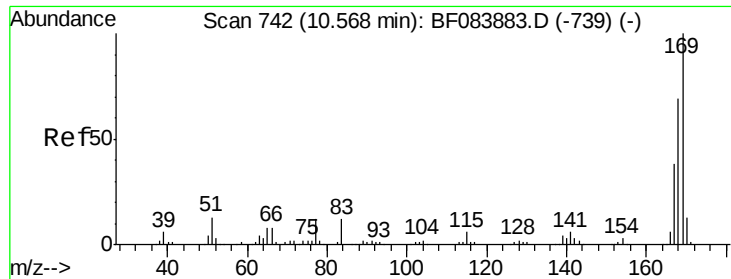


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

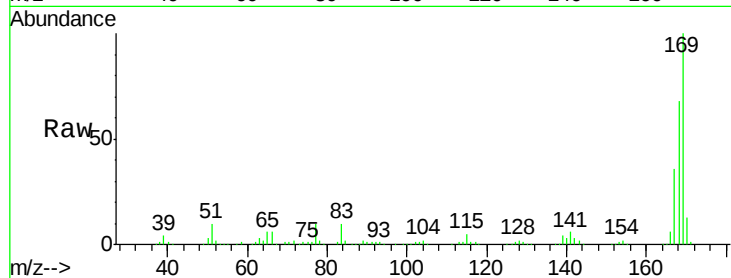




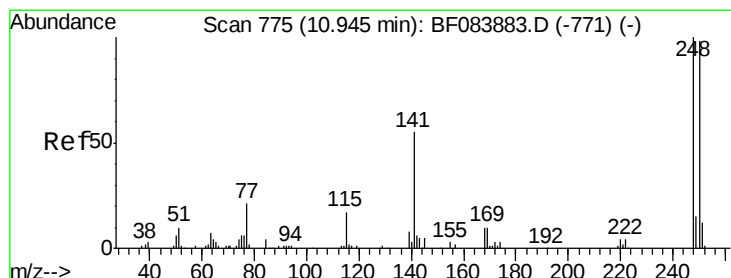
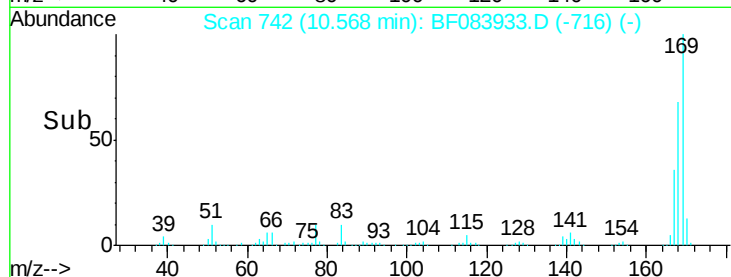
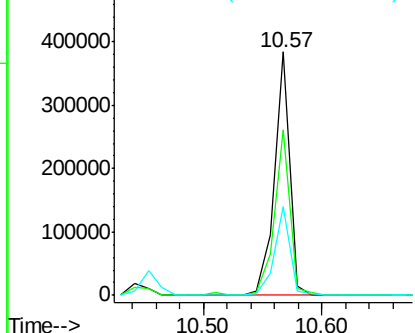
#65
 n-Nitrosodiphenylamine
 Concen: 44.95 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tgt Ion:169 Resp: 344536
 Ion Ratio Lower Upper
 169 100
 168 67.9 55.1 82.7
 167 36.4 30.0 45.0

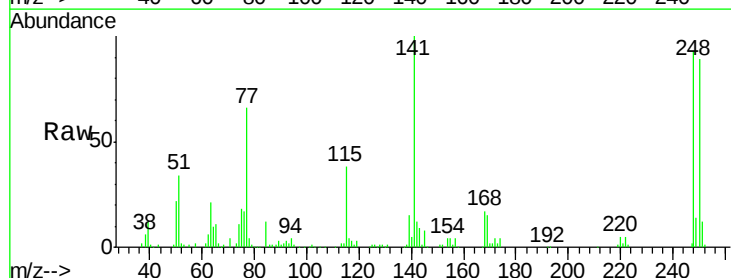


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

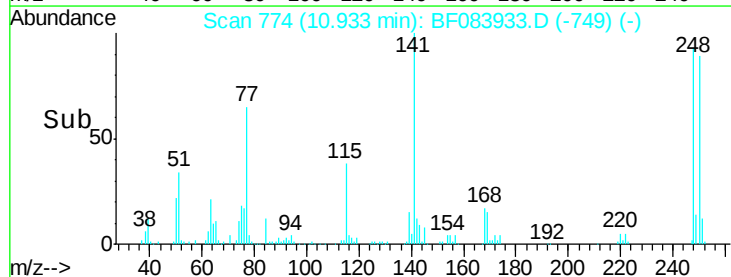
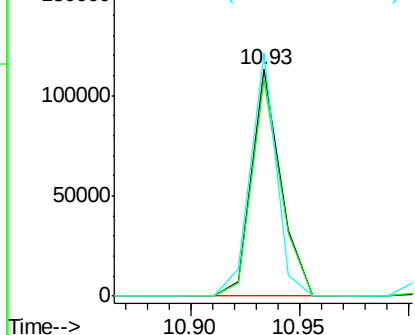


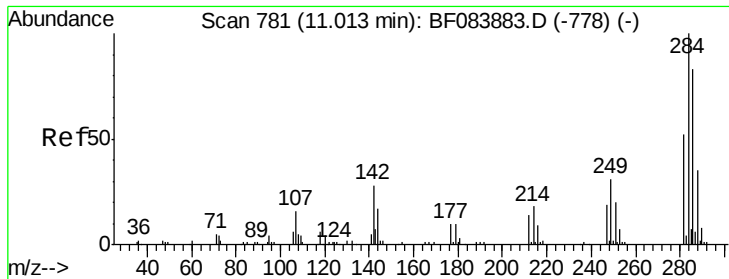
#66
 4-Bromophenyl-phenylether
 Concen: 40.83 ng
 RT: 10.93 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion:248 Resp: 105133
 Ion Ratio Lower Upper
 248 100
 250 95.8 78.4 117.6
 141 107.4 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: 43.07 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB87185BS

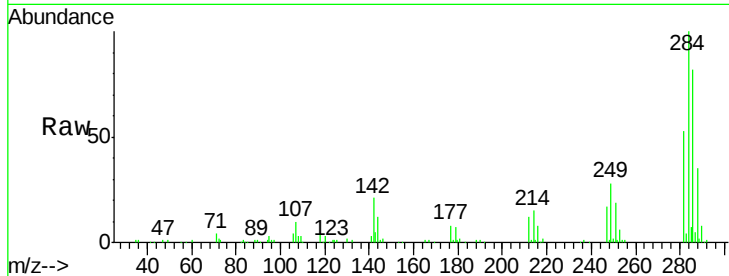
Tgt Ion:284 Resp: 116789

Ion Ratio Lower Upper

284 100

142 20.6 22.2 33.4#

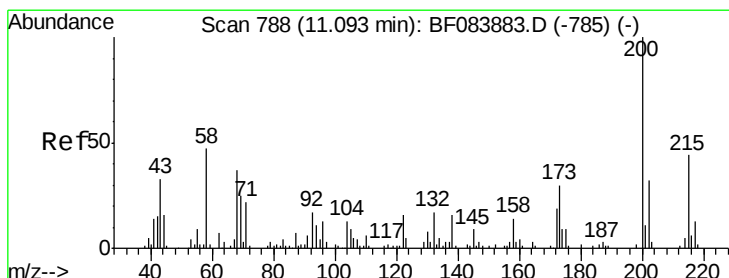
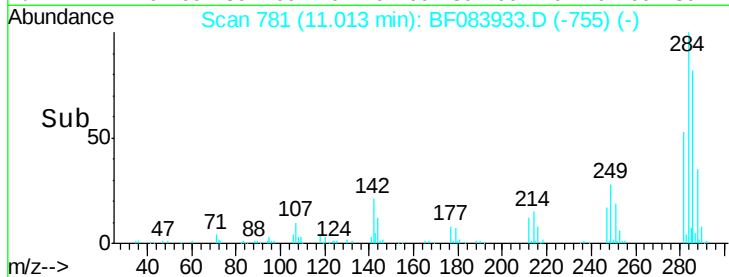
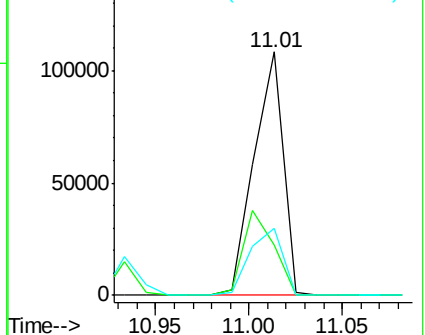
249 27.8 24.6 37.0



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: 32.44 ng

RT: 11.09 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

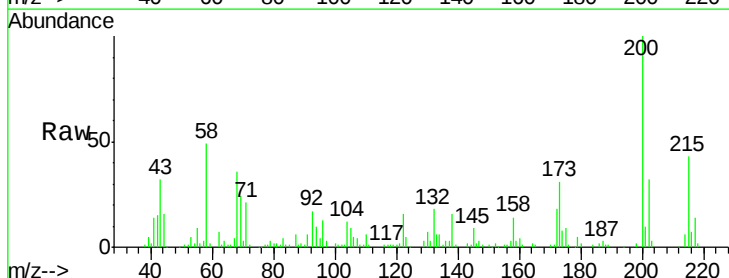
Tgt Ion:200 Resp: 78768

Ion Ratio Lower Upper

200 100

173 30.8 9.5 49.5

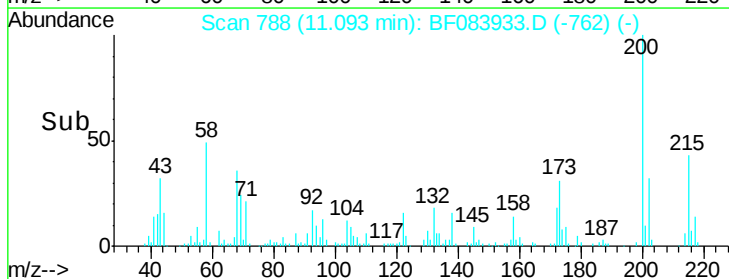
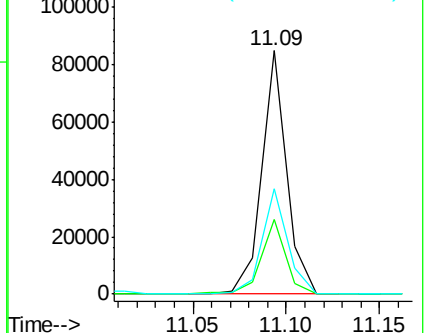
215 43.2 23.8 63.8

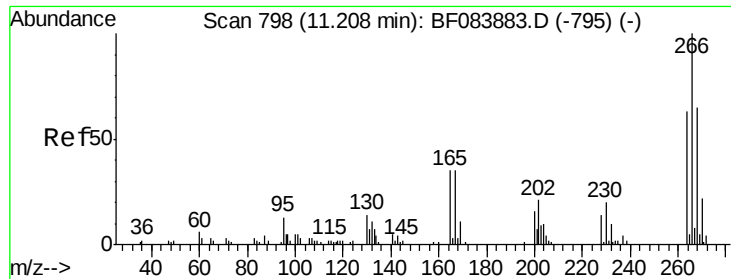


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

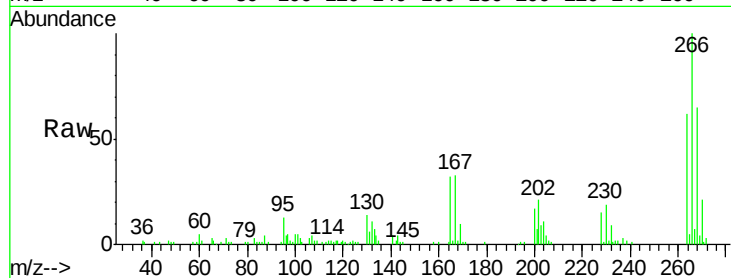




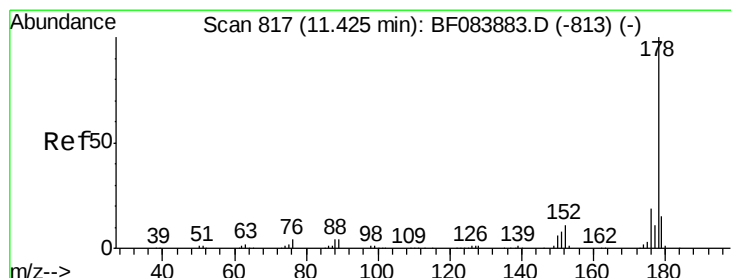
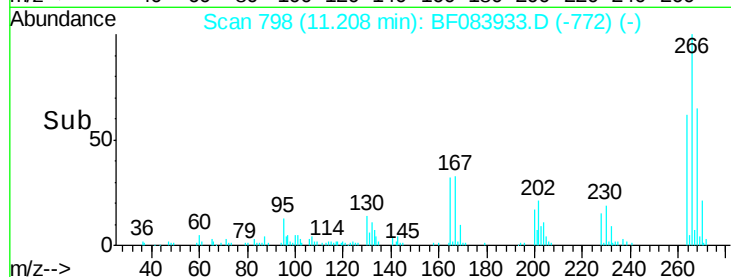
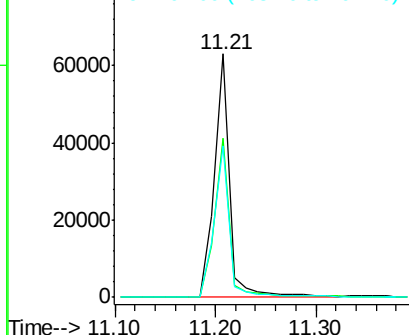
#69
 Pentachlorophenol
 Concen: 59.10 ng
 RT: 11.21 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tgt Ion:266 Resp: 66491
 Ion Ratio Lower Upper
 266 100
 268 65.3 52.4 78.6
 264 62.3 50.2 75.2

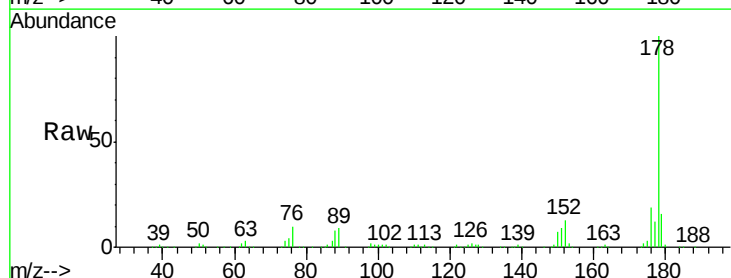


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

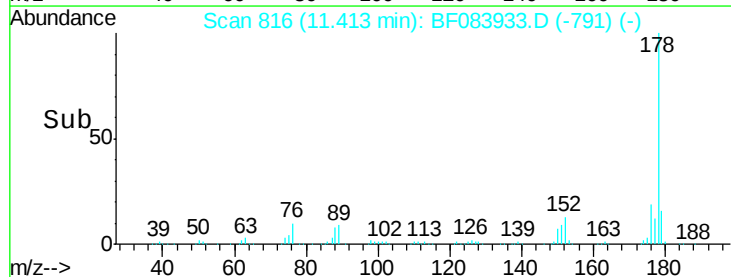
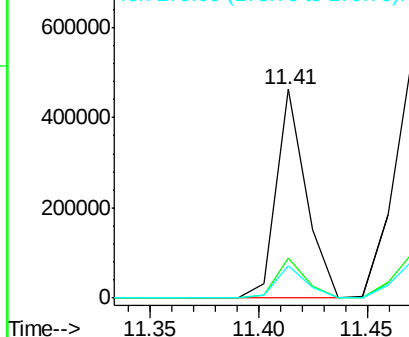


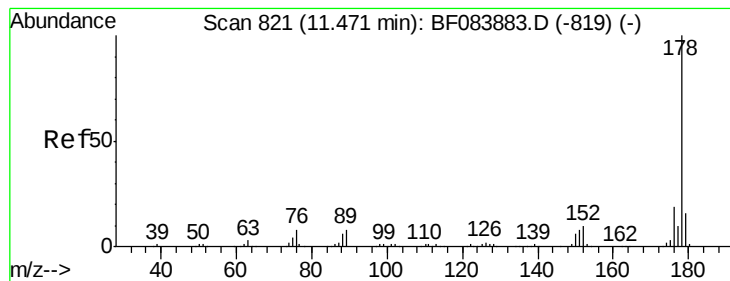
#70
 Phenanthrene
 Concen: 34.96 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion:178 Resp: 444914
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.3 22.9
 179 15.8 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: 41.84 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB87185BS

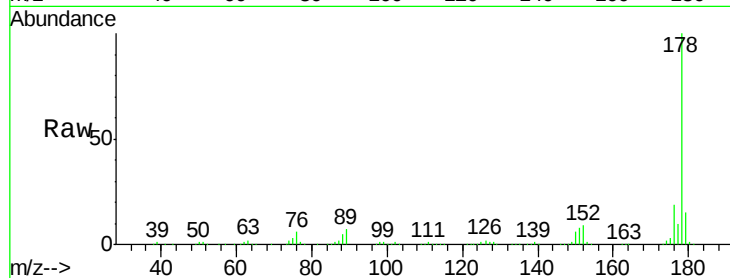
Tgt Ion:178 Resp: 514755

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

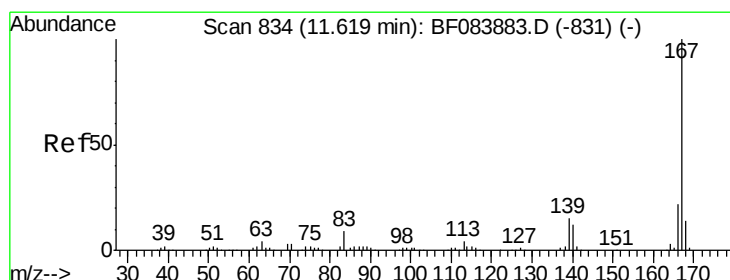
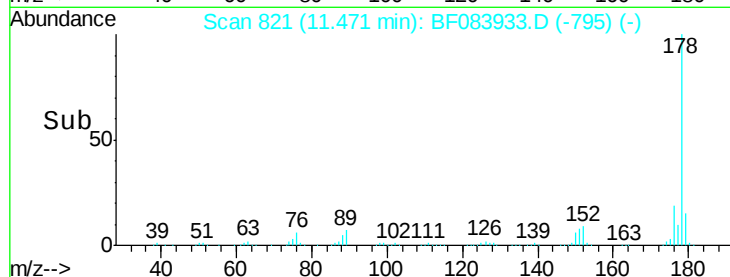
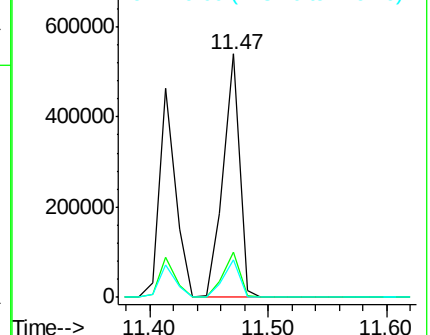
179 15.4 12.5 18.7



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: 28.65 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

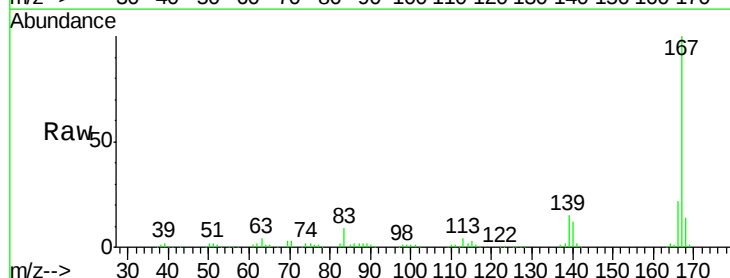
Tgt Ion:167 Resp: 348227

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

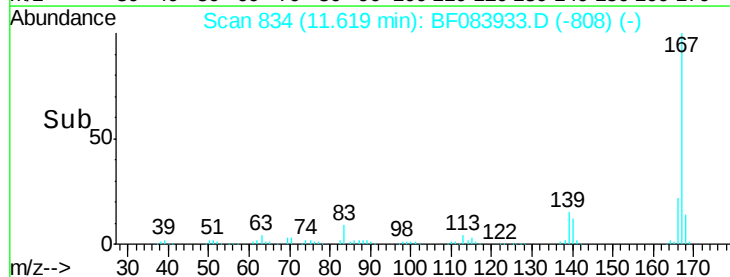
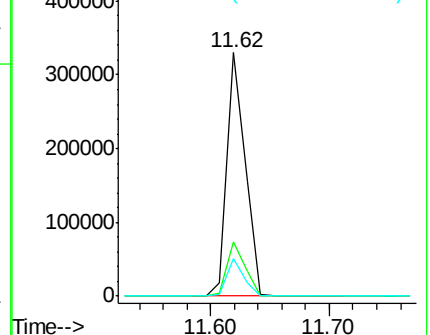
139 15.3 11.8 17.8

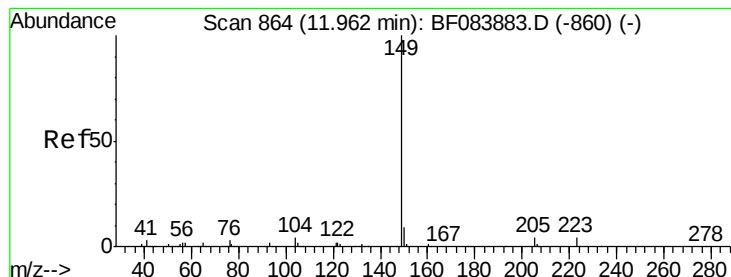


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.25 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB87185BS

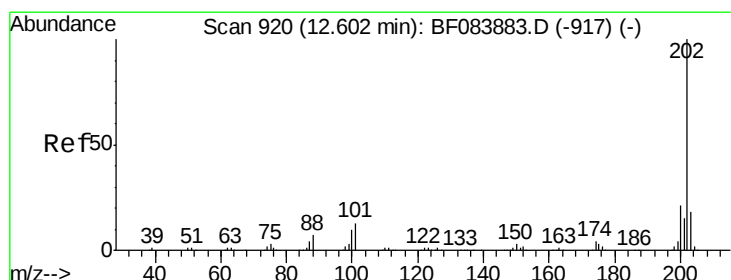
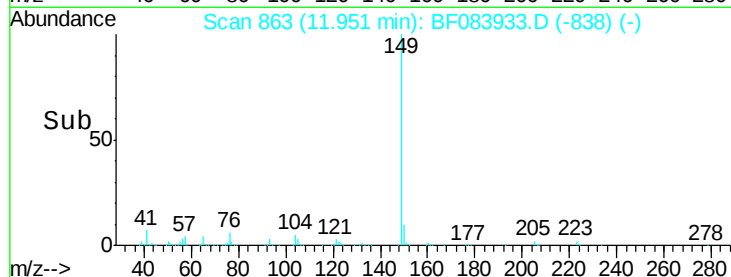
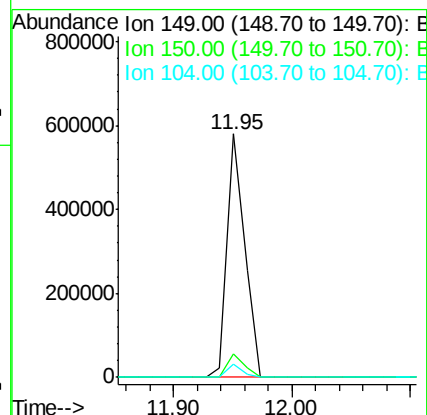
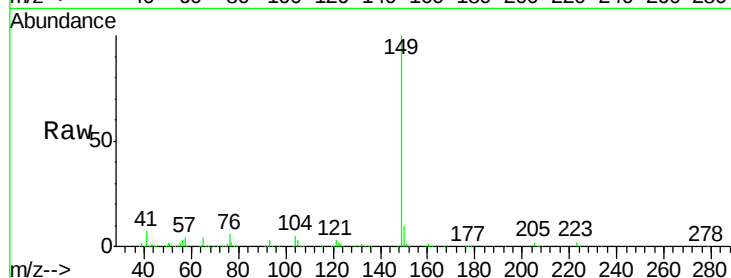
Tgt Ion:149 Resp: 589150

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

104 5.5 3.2 4.8#



#74

Fluoranthene

Concen: 29.21 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

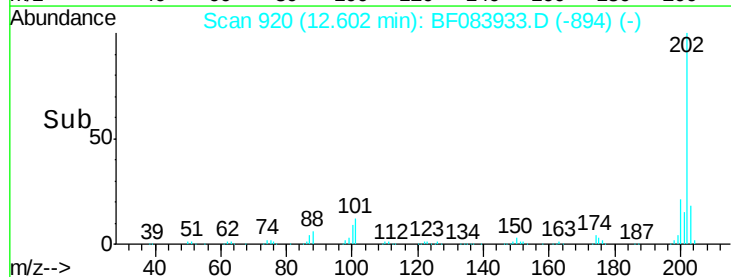
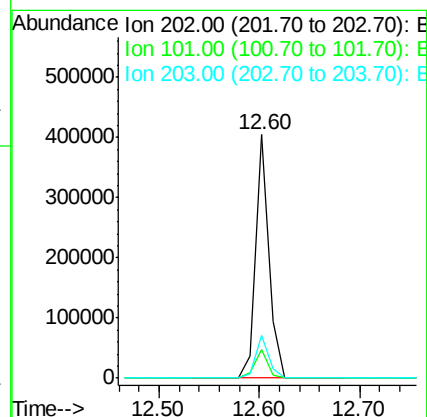
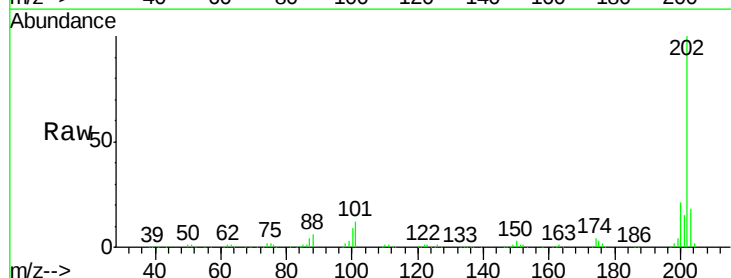
Tgt Ion:202 Resp: 370989

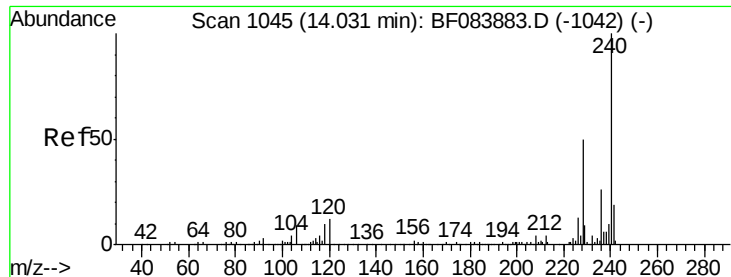
Ion Ratio Lower Upper

202 100

101 11.9 0.0 32.8

203 17.8 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB87185BS

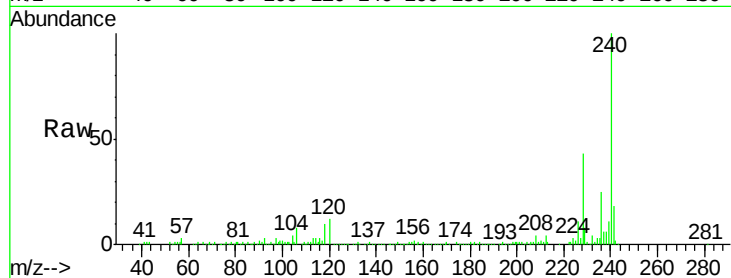
Tgt Ion:240 Resp: 153238

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

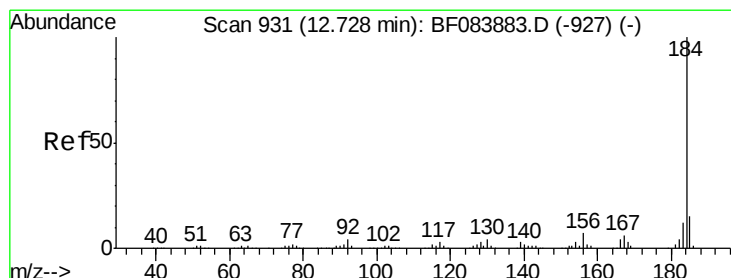
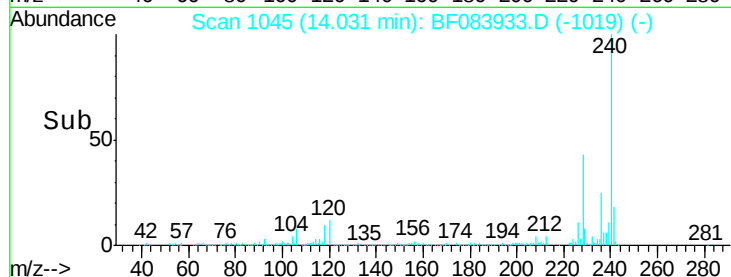
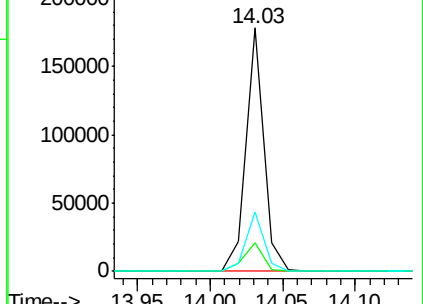
236 24.6 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.70 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

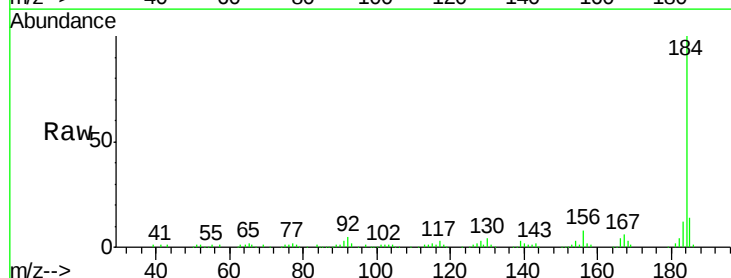
Tgt Ion:184 Resp: 200654

Ion Ratio Lower Upper

184 100

185 13.6 12.2 18.2

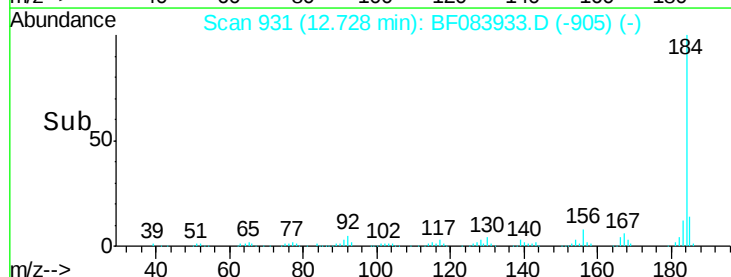
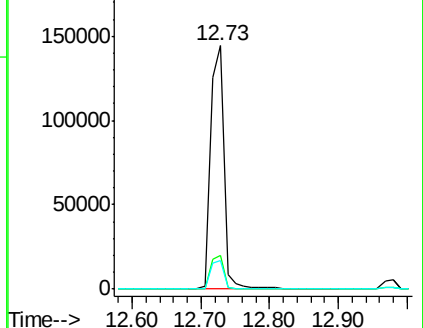
183 11.9 9.8 14.8

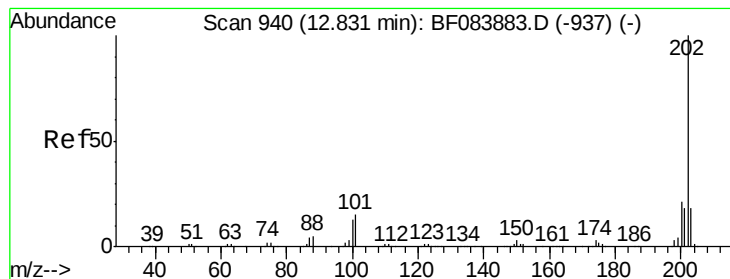


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.74 ng

RT: 12.83 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB87185BS

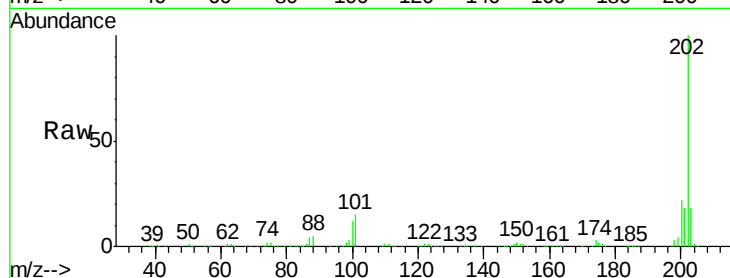
Tgt Ion:202 Resp: 425610

Ion Ratio Lower Upper

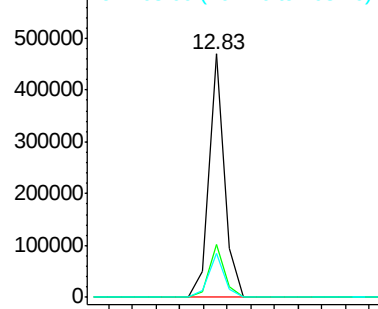
202 100

200 21.6 17.2 25.8

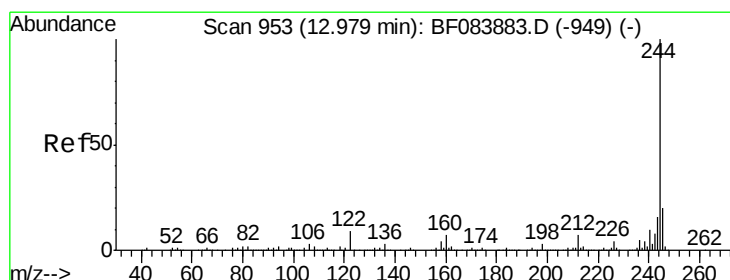
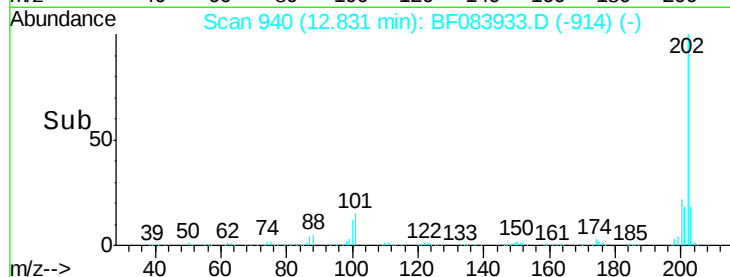
203 17.8 14.3 21.5



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



Time-->



#78

Terphenyl-d14

Concen: 77.39 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

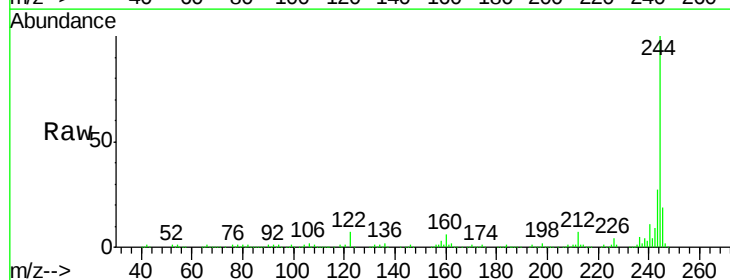
Tgt Ion:244 Resp: 510937

Ion Ratio Lower Upper

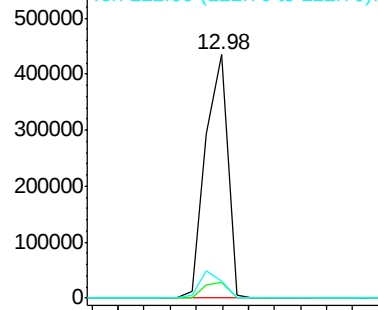
244 100

212 6.7 5.7 8.5

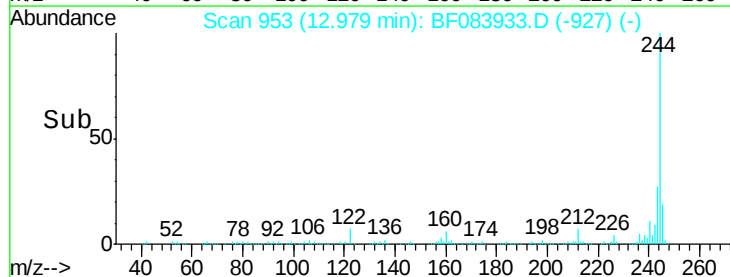
122 6.8 7.4 11.0#

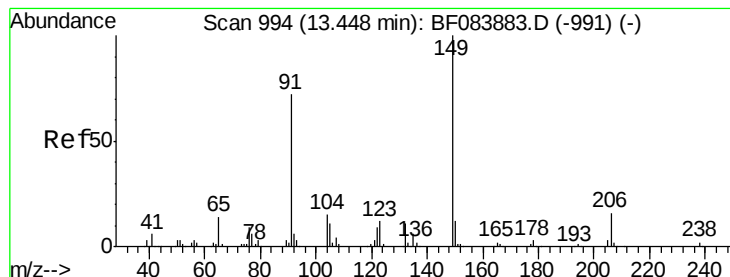


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





#79

Butylbenzylphthalate

Concen: 38.06 ng

RT: 13.45 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB87185BS

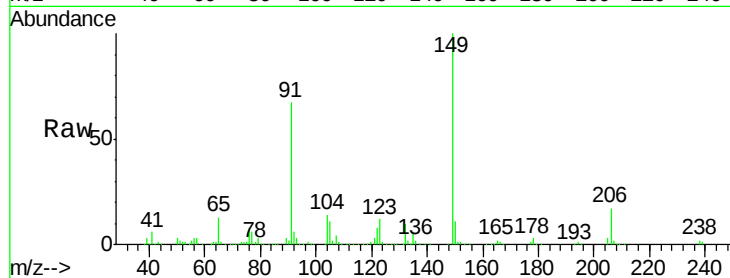
Tgt Ion:149 Resp: 194149

Ion Ratio Lower Upper

149 100

91 67.4 57.6 86.4

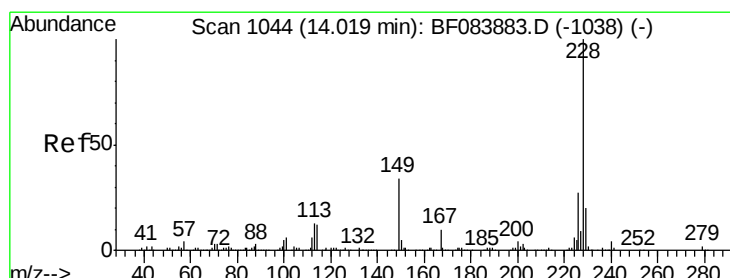
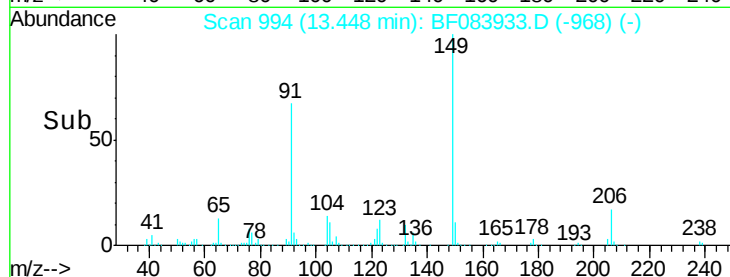
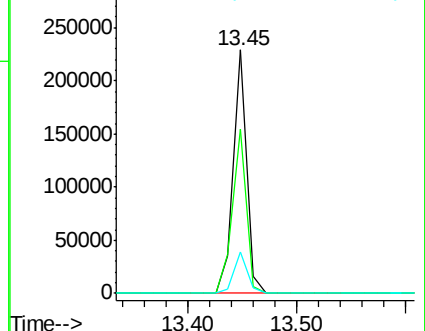
206 17.0 13.2 19.8



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: 38.07 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

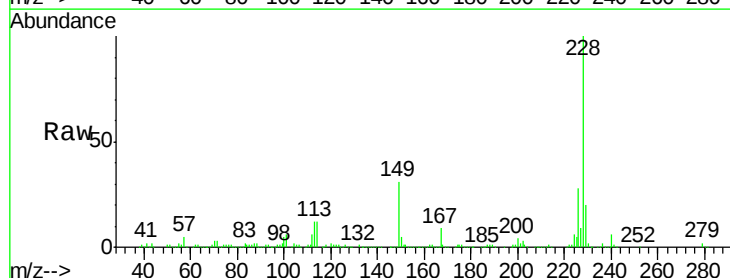
Tgt Ion:228 Resp: 358661

Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.6

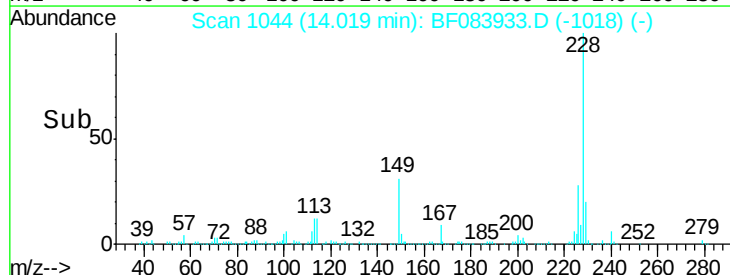
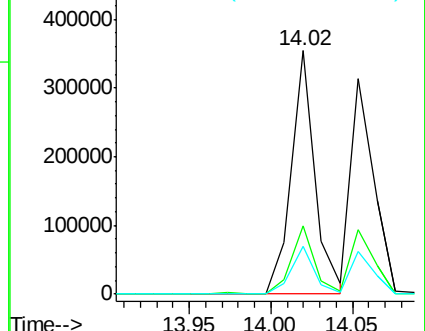
229 19.7 15.8 23.8

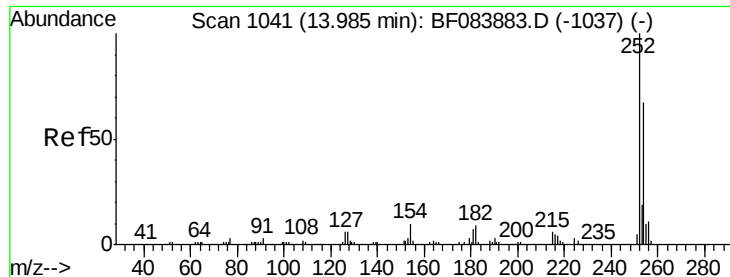


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

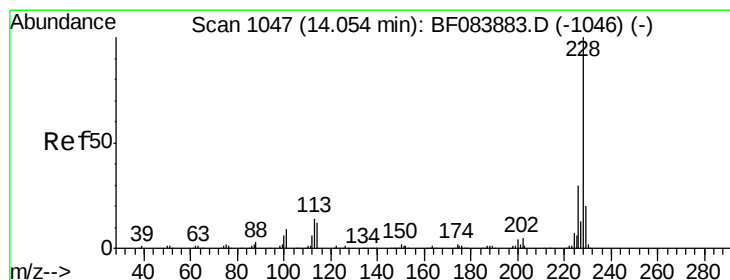
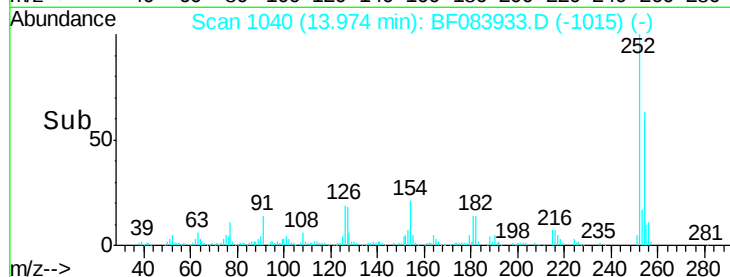
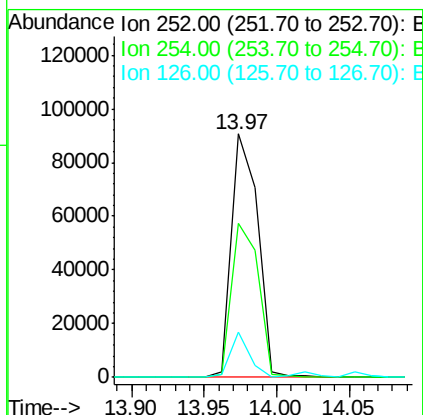
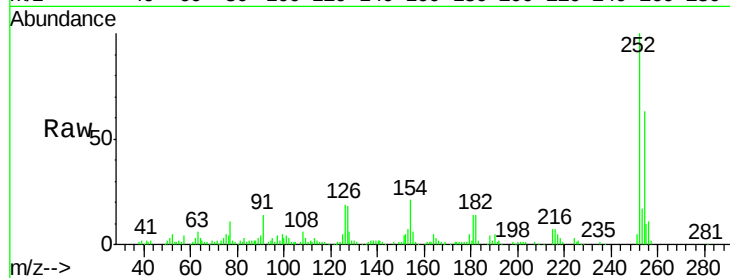




#81
 3,3'-Dichlorobenzidine
 Concen: 32.35 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

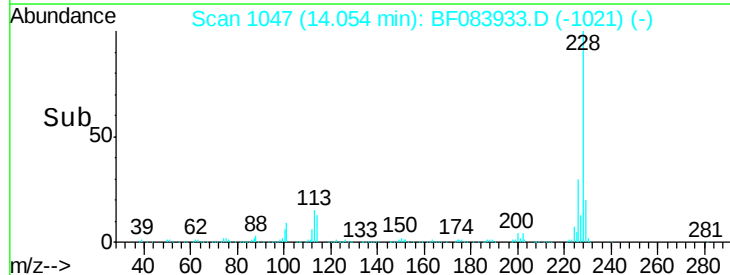
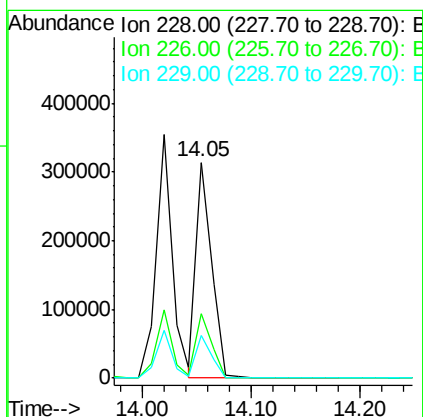
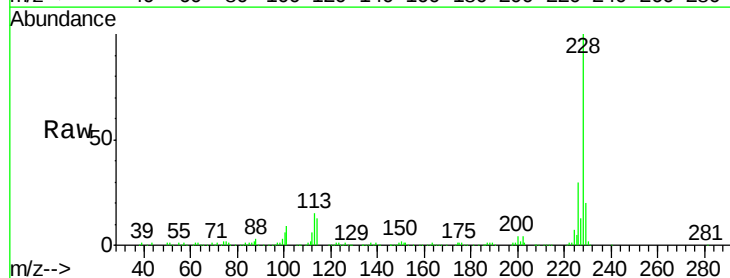
Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

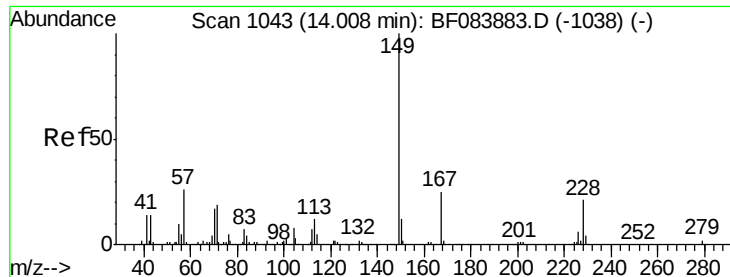
Tgt Ion:252 Resp: 113924
 Ion Ratio Lower Upper
 252 100
 254 63.3 53.5 80.3
 126 18.8 4.9 7.3#



#82
 Chrysene
 Concen: 34.70 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion:228 Resp: 315775
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.3 36.5
 229 19.6 16.1 24.1

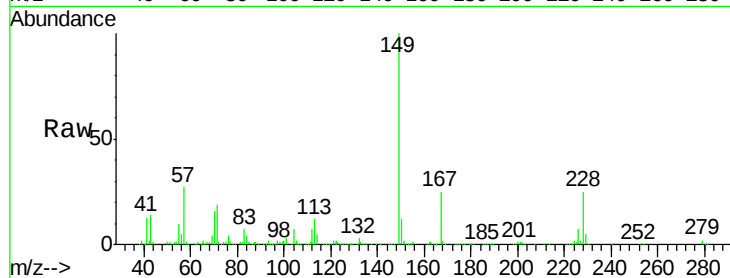




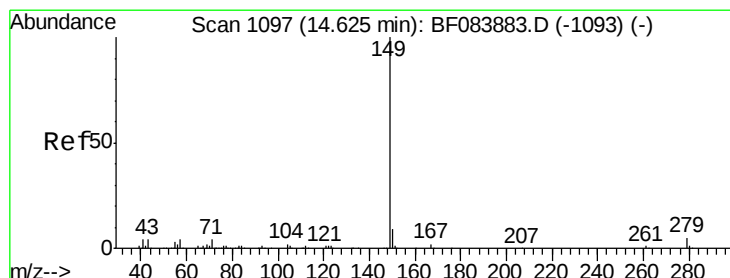
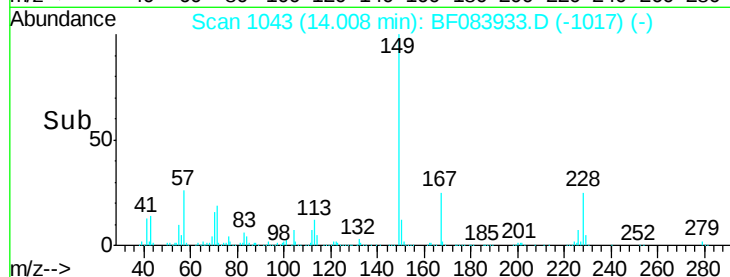
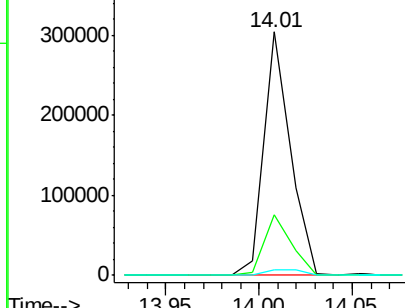
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.48 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

Tgt Ion:149 Resp: 296119
 Ion Ratio Lower Upper
 149 100
 167 24.7 19.7 29.5
 279 2.5 1.8 2.6

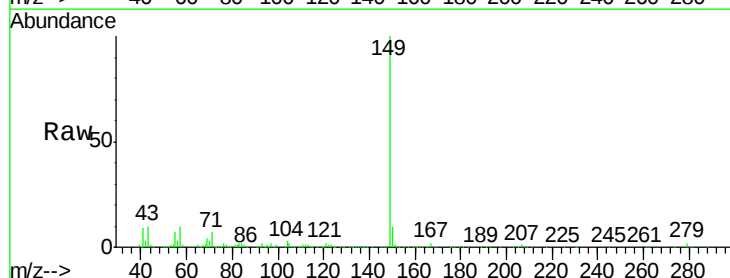


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

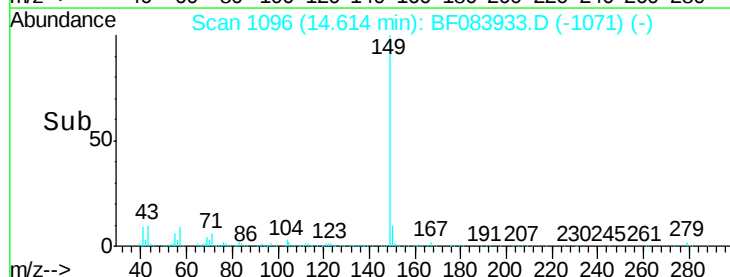
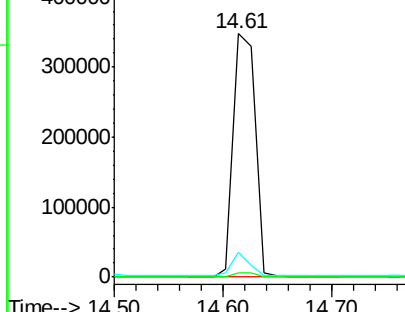


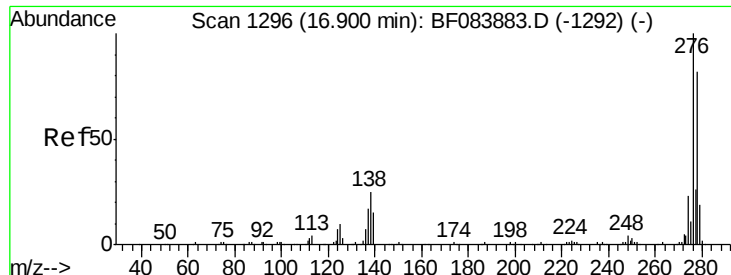
#84
 Di-n-octyl phthalate
 Concen: 44.70 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion:149 Resp: 476455
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.7 5.6 8.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

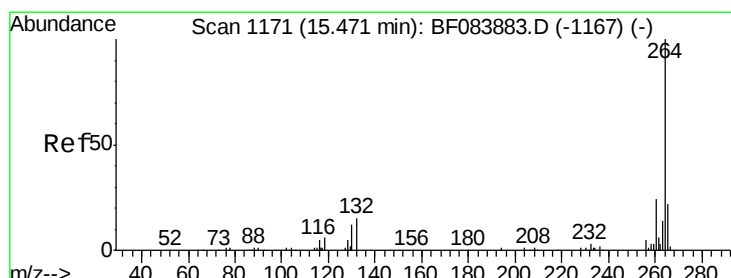
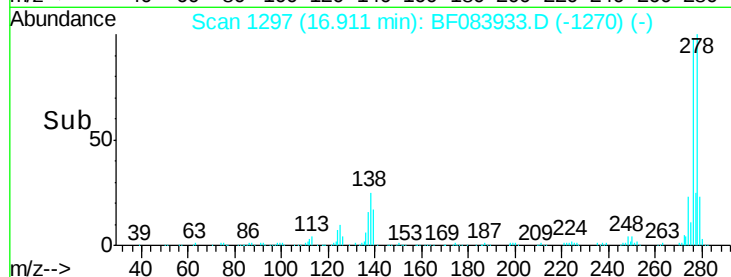
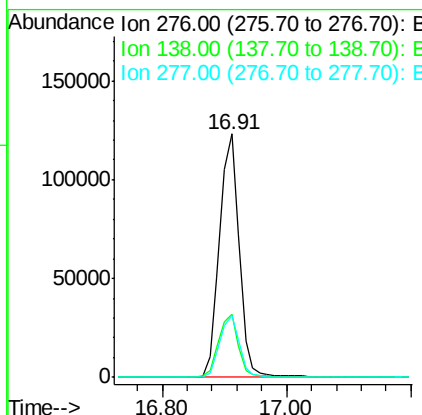
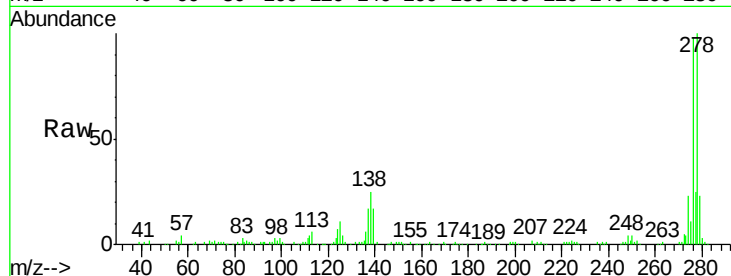




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.73 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

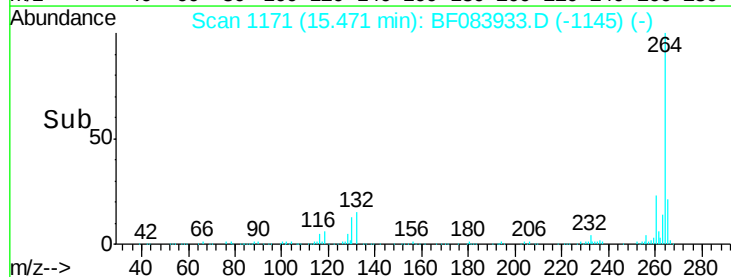
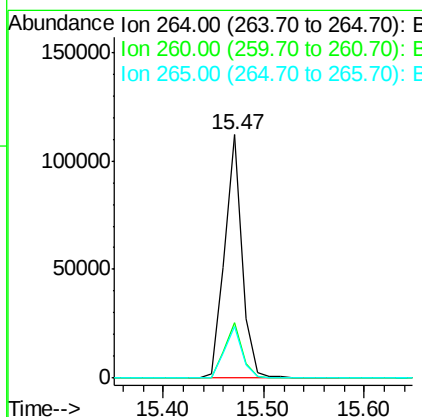
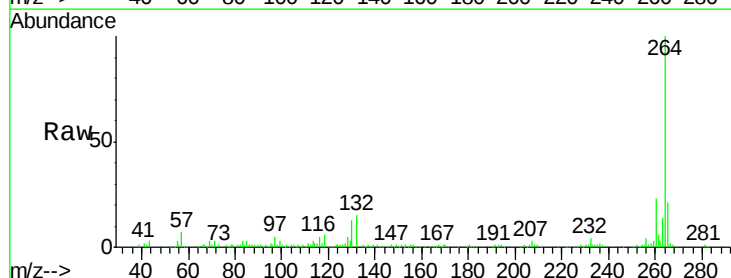
Instrument :
 BNA_F
 ClientSampleId :
 PB87185BS

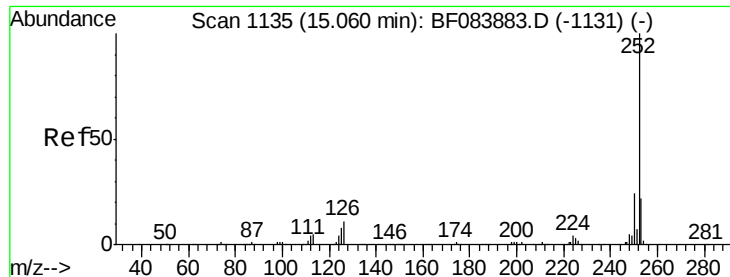
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.6	30.8
277	25.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF083933.D
 Acq: 19 Dec 2015 00:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.2
265	21.2	17.8	26.6

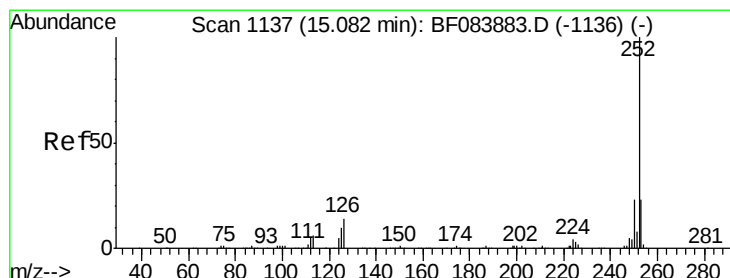
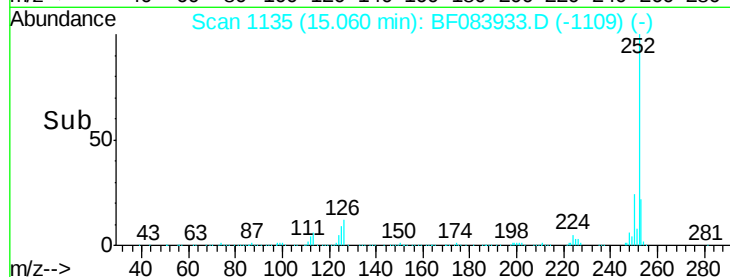
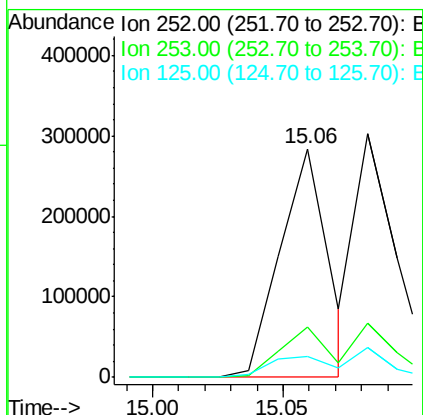
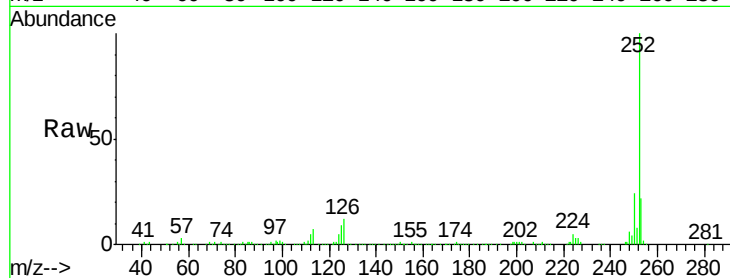




#87
Benzo(b)fluoranthene
Concen: 36.67 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

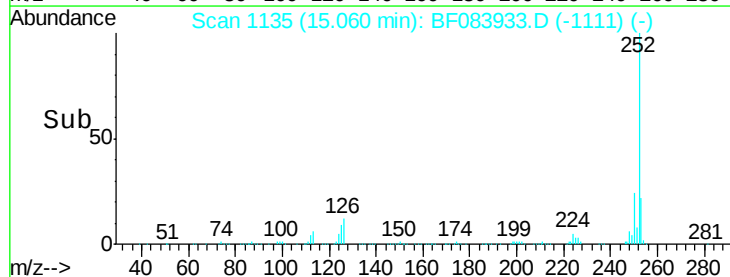
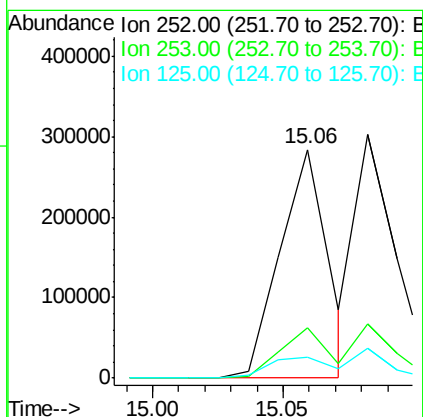
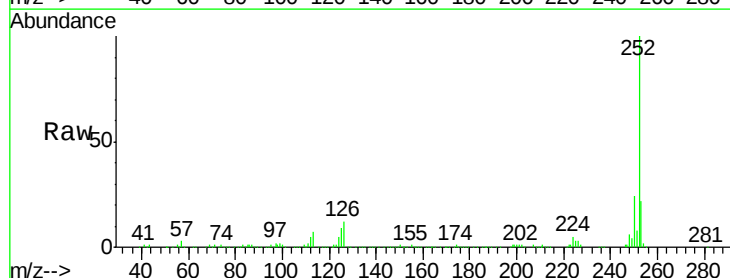
Instrument :
BNA_F
ClientSampleId :
PB87185BS

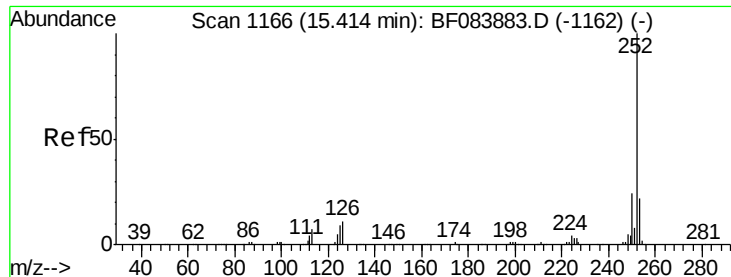
Tgt Ion:252 Resp: 361548
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 8.9 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 44.45 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF083933.D
Acq: 19 Dec 2015 00:34

Tgt Ion:252 Resp: 361548
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 8.9 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 40.73 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB87185BS

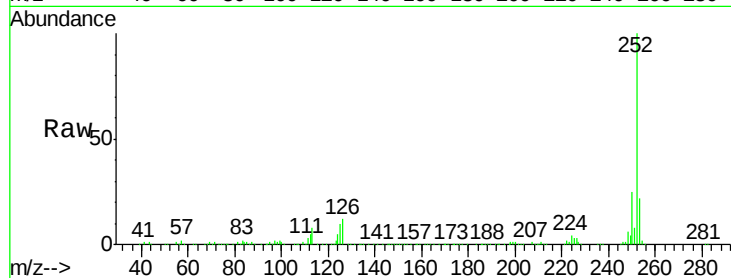
Tgt Ion:252 Resp: 331620

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

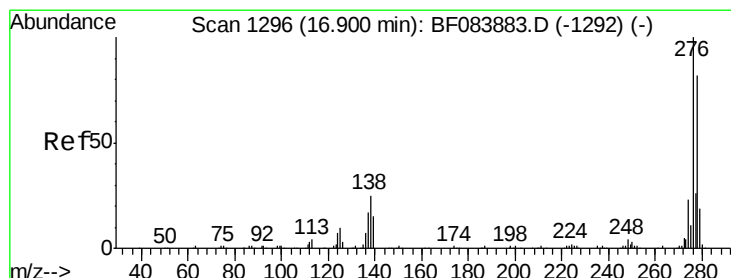
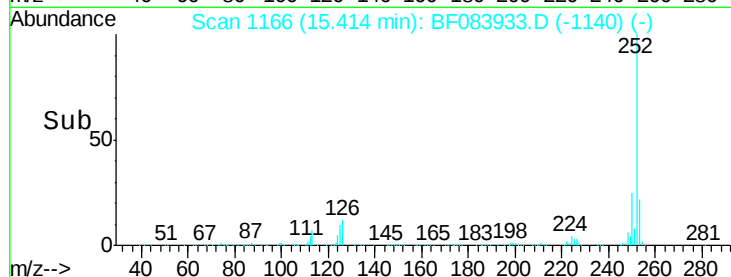
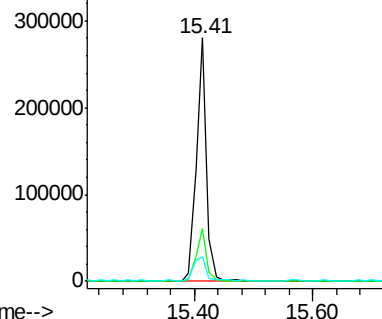
125 10.0 7.0 10.4



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: 35.96 ng

RT: 16.91 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF083933.D

Acq: 19 Dec 2015 00:34

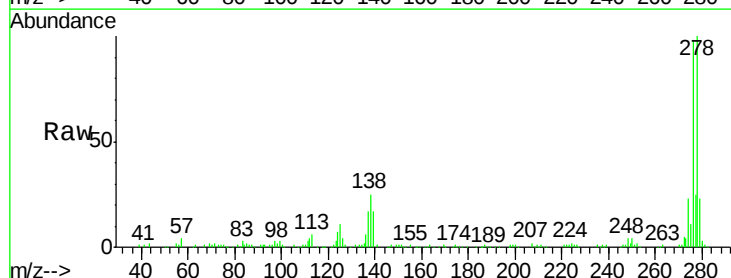
Tgt Ion:278 Resp: 227792

Ion Ratio Lower Upper

278 100

139 17.2 15.0 22.4

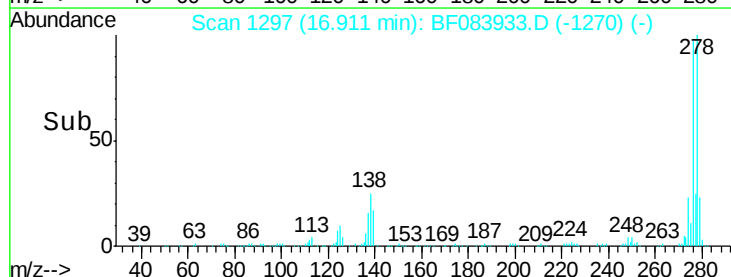
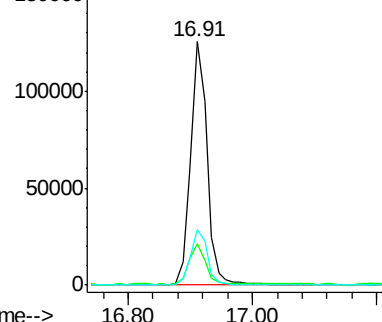
279 23.0 18.9 28.3

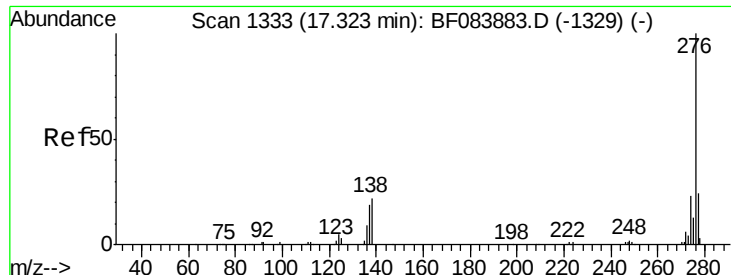


Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.66 ng

RT: 17.33 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF083933.D

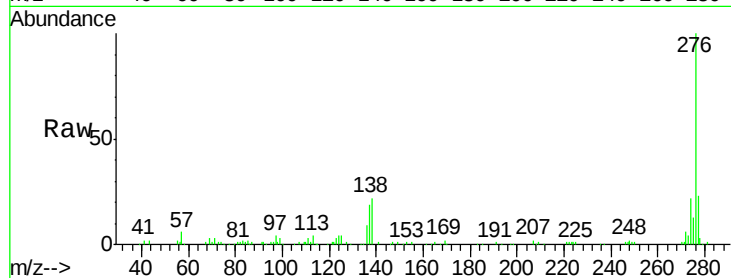
Acq: 19 Dec 2015 00:34

Instrument :

BNA_F

ClientSampleId :

PB87185BS



Tgt Ion: 276 Resp: 215137

Ion Ratio Lower Upper

276 100

277 22.6 18.8 28.2

138 21.7 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

