

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121115\
 Data File : BF083713.D
 Acq On : 11 Dec 2015 23:47
 Operator : UM/IZ
 Sample : PB87230BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87230BS

Quant Time: Dec 12 02:36:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 19:24:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	132923	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	547093	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	251153	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	475216	20.00	ng	0.00
75) Chrysene-d12	14.08	240	321044	20.00	ng	0.00
86) Perylene-d12	15.51	264	262469	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	902596	104.58	ng	0.01
7) Phenol-d6	6.54	99	1045923	98.12	ng	0.00
23) Nitrobenzene-d5	7.48	82	613119	76.00	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	295684	121.63	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1205012	70.67	ng	0.00
78) Terphenyl-d14	13.02	244	1164281	81.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	121896	28.88	ng	# 86
3) Pyridine	3.38	79	325656	29.69	ng	88
4) n-Nitrosodimethylamine	3.32	42	145390	32.61	ng	# 69
6) Aniline	6.58	93	249290	17.08	ng	# 85
8) 2-Chlorophenol	6.70	128	315126	33.41	ng	96
9) Benzaldehyde	6.46	77	171285	29.17	ng	95
10) Phenol	6.56	94	363455	29.35	ng	85
11) bis(2-Chloroethyl)ether	6.66	93	325301	35.99	ng	89
12) 1,3-Dichlorobenzene	6.86	146	343751	33.02	ng	98
13) 1,4-Dichlorobenzene	6.94	146	365182	34.73	ng	96
14) 1,2-Dichlorobenzene	7.09	146	312845	32.35	ng	97
15) Benzyl Alcohol	7.06	79	267936	35.78	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	388091	31.01	ng	68
17) 2-Methylphenol	7.17	107	271431	35.65	ng	# 86
18) Hexachloroethane	7.45	117	123903	34.81	ng	100
19) n-Nitroso-di-n-propylamine	7.33	70	201541	32.44	ng	95
20) 3+4-Methylphenols	7.32	107	329319	35.14	ng	# 76
22) Acetophenone	7.33	105	435902	33.32	ng	# 95
24) Nitrobenzene	7.50	77	349236	38.70	ng	# 80
25) Isophorone	7.74	82	615251	34.12	ng	95
26) 2-Nitrophenol	7.82	139	156959	42.23	ng	# 77
27) 2,4-Dimethylphenol	7.86	122	312919	34.61	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	362018	35.11	ng	# 96
29) 2,4-Dichlorophenol	8.06	162	280143	37.47	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	282523	34.09	ng	95
31) Naphthalene	8.24	128	944692	34.98	ng	100
32) Benzoic acid	7.96	122	179993	37.82	ng	90
34) Hexachlorobutadiene	8.36	225	155521	33.77	ng	97
35) Caprolactam	8.62	113	62822	26.14	ng	# 77
36) 4-Chloro-3-methylphenol	8.75	107	285269	34.86	ng	94
37) 2-Methylnaphthalene	8.92	142	629128	36.92	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	272519	34.78	ng	# 100
40) Hexachlorocyclopentadiene	9.08	237	288141	77.73	ng	99
42) 2,4,6-Trichlorophenol	9.20	196	198171	36.91	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 19:24:37 2015
 Response via : Initial Calibration

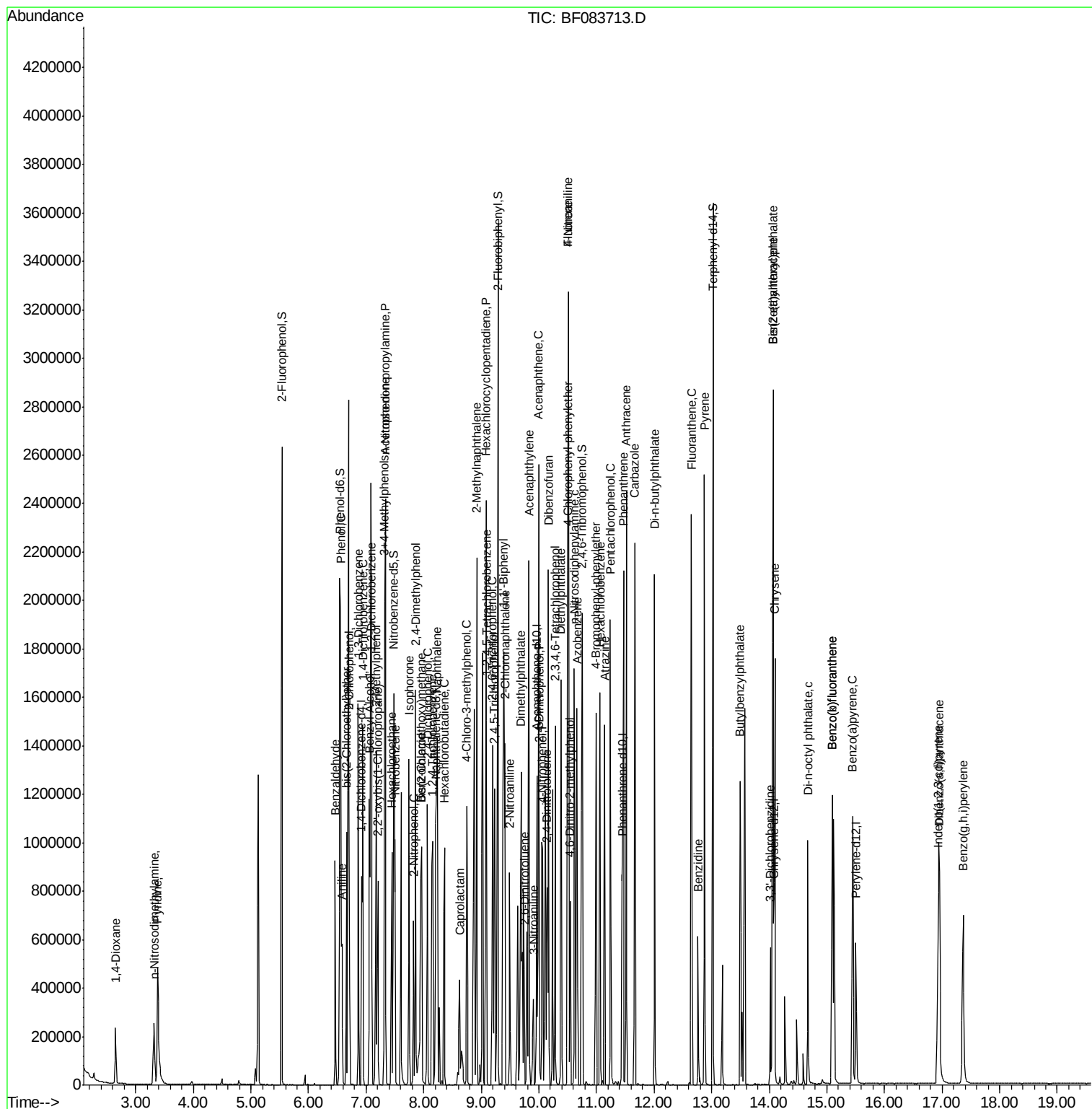
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43) 2,4,5-Trichlorophenol	9.23	196	174816	33.74	ng	# 92
45) 1,1'-Biphenyl	9.39	154	744882	34.01	ng	96
46) 2-Chloronaphthalene	9.41	162	580839	35.18	ng	99
47) 2-Nitroaniline	9.49	65	146510	36.17	ng	# 84
48) Acenaphthylene	9.82	152	938507	34.50	ng	99
49) Dimethylphthalate	9.69	163	680440	35.21	ng	98
50) 2,6-Dinitrotoluene	9.74	165	141509	37.71	ng	# 55
51) Acenaphthene	10.00	154	598945	37.18	ng	100
52) 3-Nitroaniline	9.90	138	69978	16.63	ng	# 67
53) 2,4-Dinitrophenol	10.01	184	109448	87.64	ng	# 75
54) Dibenzofuran	10.17	168	794862	37.06	ng	93
55) 4-Nitrophenol	10.06	139	295156	82.53	ng	# 70
56) 2,4-Dinitrotoluene	10.14	165	212259	44.49	ng	# 56
57) Fluorene	10.51	166	617682	36.28	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	163272	42.55	ng	# 100
59) Diethylphthalate	10.38	149	625827	34.56	ng	99
60) 4-Chlorophenyl-phenylether	10.50	204	260802	32.11	ng	# 87
61) 4-Nitroaniline	10.51	138	129188	33.12	ng	95
62) Azobenzene	10.66	77	595545	34.54	ng	97
64) 4,6-Dinitro-2-methylphenol	10.54	198	82928	43.39	ng	# 83
65) n-Nitrosodiphenylamine	10.61	169	542771	34.41	ng	99
66) 4-Bromophenyl-phenylether	10.99	248	177424	34.93	ng	94
67) Hexachlorobenzene	11.06	284	202680	36.63	ng	94
68) Atrazine	11.14	200	156991	34.90	ng	98
69) Pentachlorophenol	11.24	266	229522	74.34	ng	99
70) Phenanthrene	11.47	178	962429	37.10	ng	100
71) Anthracene	11.52	178	886093	33.09	ng	99
72) Carbazole	11.66	167	819231	33.32	ng	# 96
73) Di-n-butylphthalate	12.01	149	981613	36.64	ng	100
74) Fluoranthene	12.65	202	907119	33.42	ng	96
76) Benzidine	12.76	184	217563	17.58	ng	99
77) Pyrene	12.88	202	952143	37.61	ng	98
79) Butylbenzylphthalate	13.49	149	342721	42.23	ng	# 89
80) Benzo(a)anthracene	14.06	228	713896	37.95	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	106736	17.85	ng	98
82) Chrysene	14.10	228	699896	38.69	ng	100
83) Bis(2-ethylhexyl)phthalate	14.06	149	355616	40.51	ng	99
84) Di-n-octyl phthalate	14.67	149	492485	37.12	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.93	276	645289	33.84	ng	# 100
87) Benzo(b)fluoranthene	15.09	252	562628	34.49	ng	98
88) Benzo(k)fluoranthene	15.09	252	562628	36.17	ng	# 95
89) Benzo(a)pyrene	15.45	252	537914	36.26	ng	99
90) Dibenzo(a,h)anthracene	16.96	278	543996	37.02	ng	97
91) Benzo(g,h,i)perylene	17.37	276	571388	36.87	ng	99

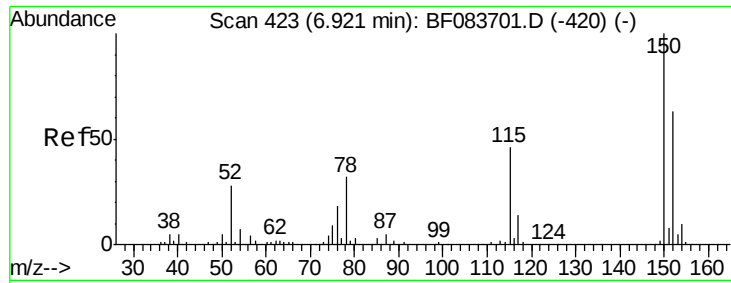
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Sample    : PB87230BS  
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ALS Vial  : 16      Sample Multiplier: 1
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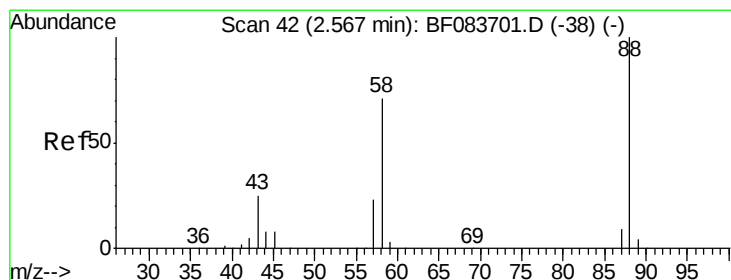
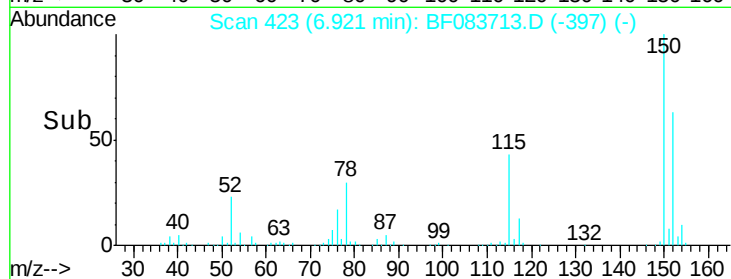
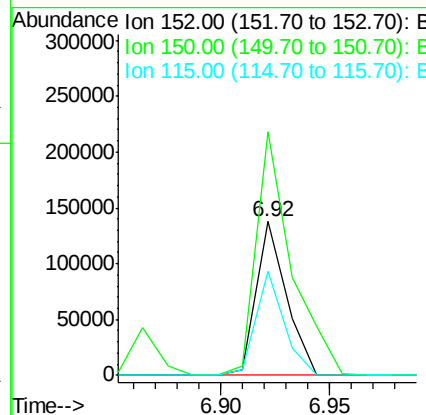
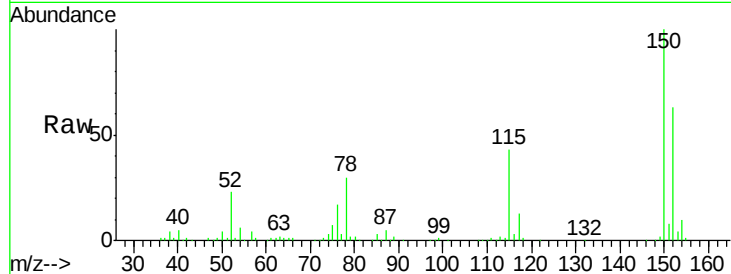


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Instrument :
BNA_F
ClientSampleId :
PB87230BS

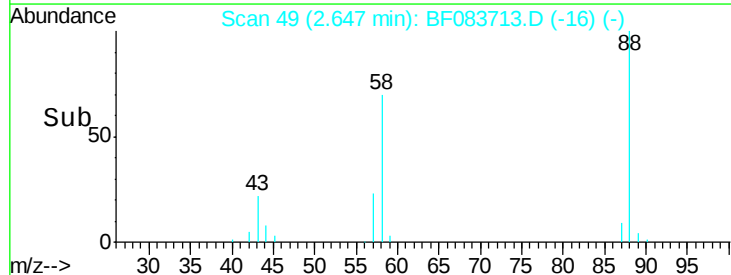
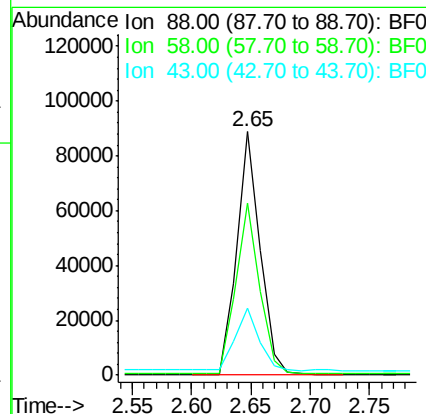
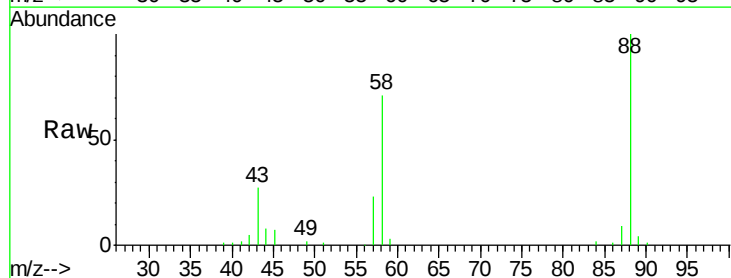
Tgt Ion: 152 Resp: 132923
Ion Ratio Lower Upper
152 100
150 158.4 126.5 189.7
115 67.6 52.3 78.5

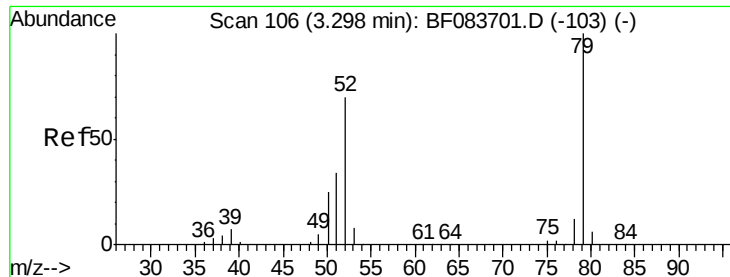


#2

1,4-Dioxane
Concen: 28.88 ng
RT: 2.65 min Scan# 49
Delta R.T. 0.08 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion: 88 Resp: 121896
Ion Ratio Lower Upper
88 100
58 71.3 68.0 102.0
43 27.7 27.9 41.9#





#3

Pyridine

Concen: 29.69 ng

RT: 3.38 min Scan# 113

Delta R.T. 0.08 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

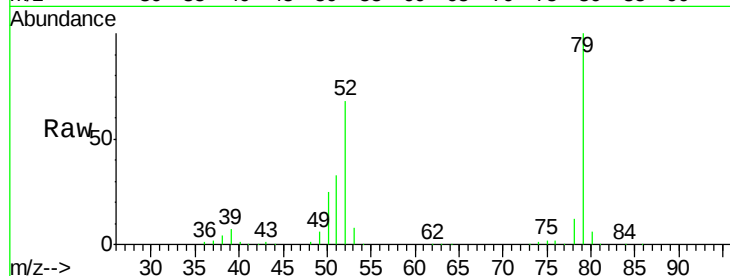
Tgt Ion: 79 Resp: 325656

Ion Ratio Lower Upper

79 100

52 67.8 63.7 95.5

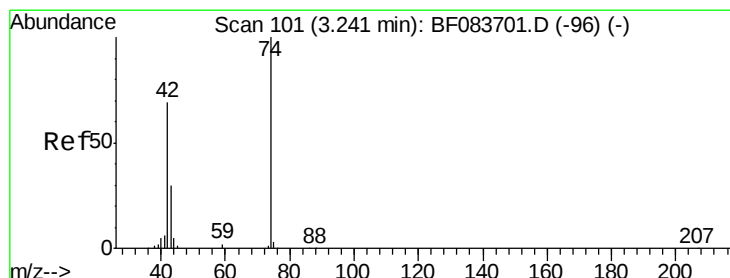
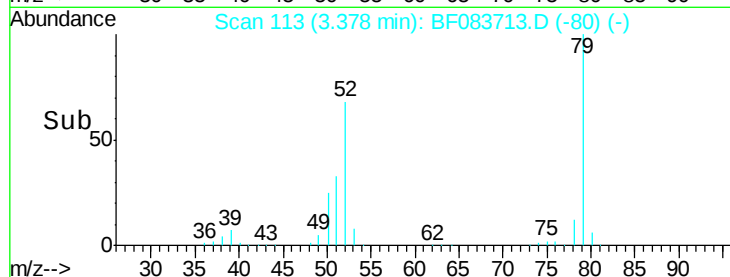
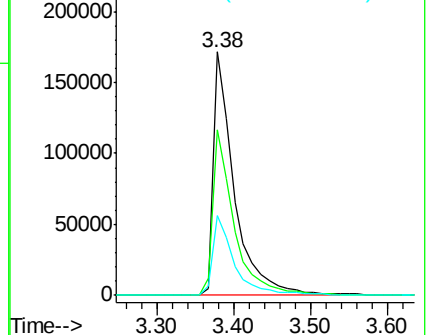
51 32.6 30.6 45.8



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: 32.61 ng

RT: 3.32 min Scan# 108

Delta R.T. 0.08 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

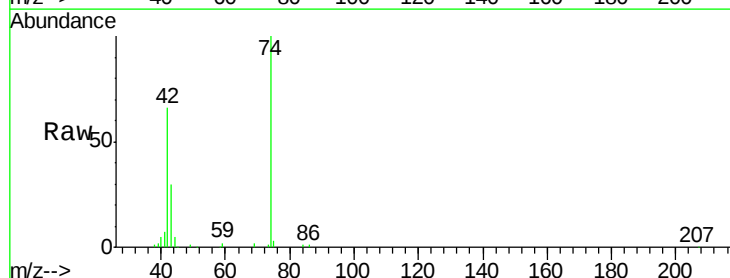
Tgt Ion: 42 Resp: 145390

Ion Ratio Lower Upper

42 100

74 151.8 92.9 139.3#

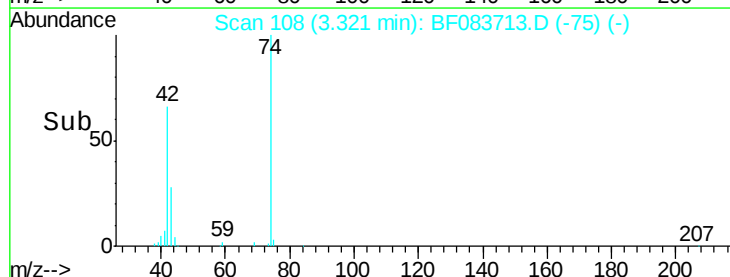
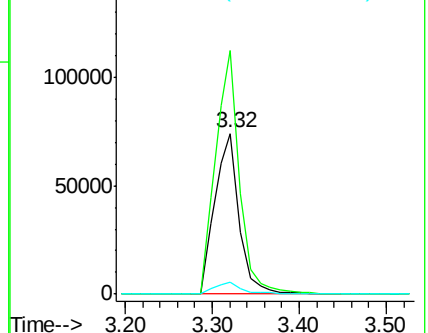
44 7.2 5.7 8.5

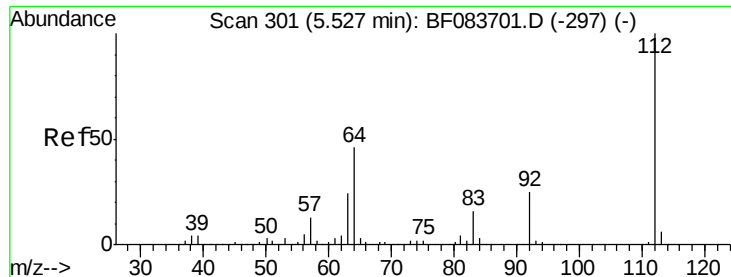


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 104.58 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

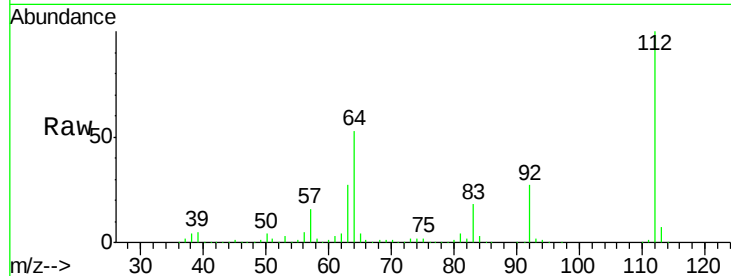
Tgt Ion: 112 Resp: 902596

Ion Ratio Lower Upper

112 100

64 52.6 50.5 75.7

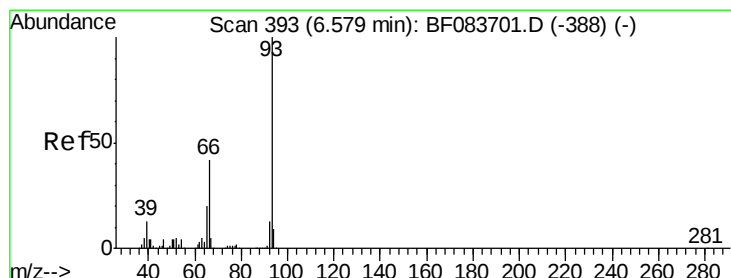
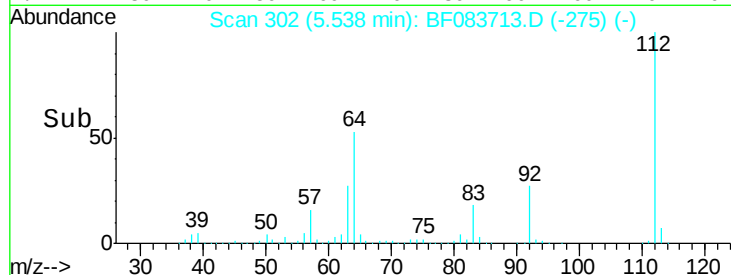
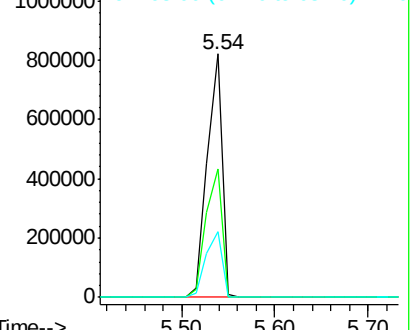
63 26.9 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.08 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

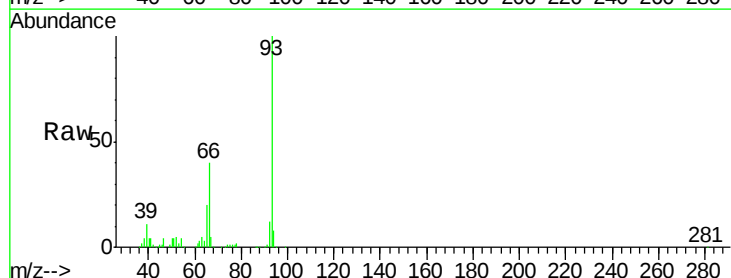
Tgt Ion: 93 Resp: 249290

Ion Ratio Lower Upper

93 100

66 40.3 41.3 61.9#

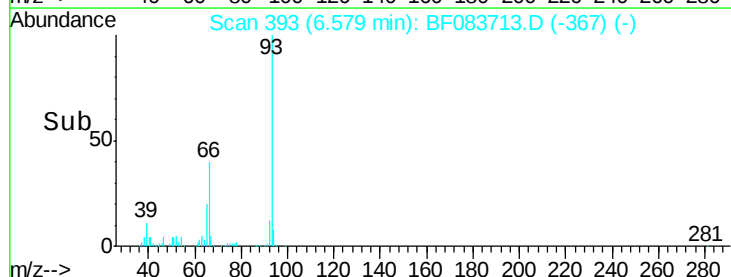
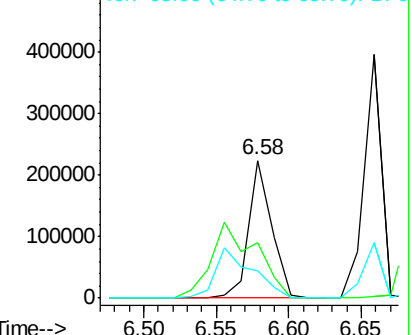
65 19.7 20.8 31.2#

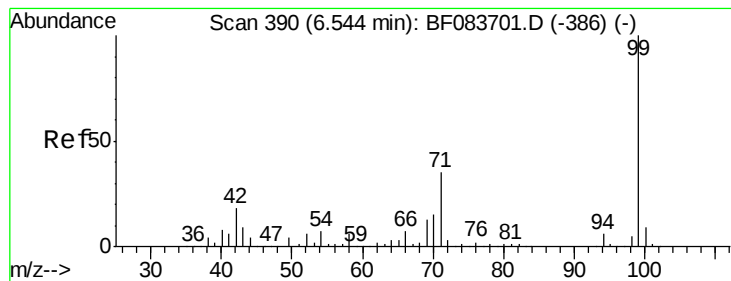


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 98.12 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

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PB87230BS

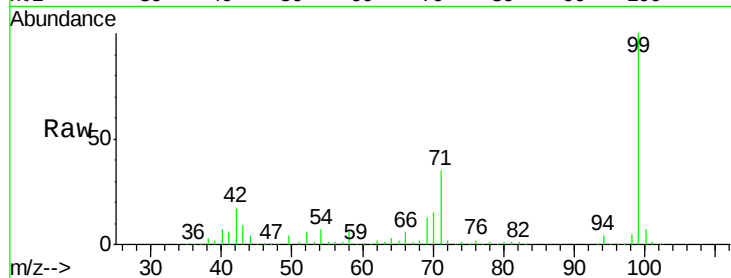
Tgt Ion: 99 Resp: 1045923

Ion Ratio Lower Upper

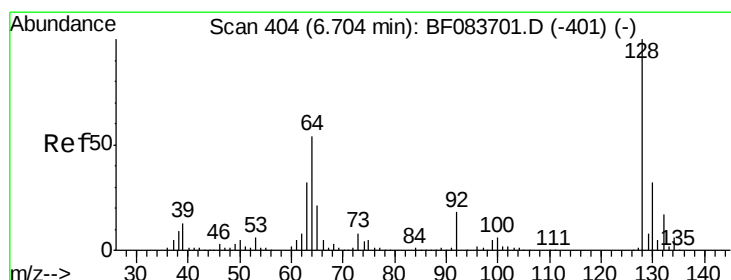
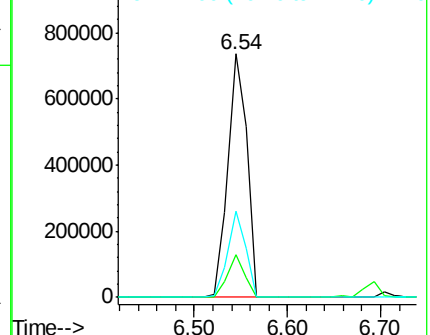
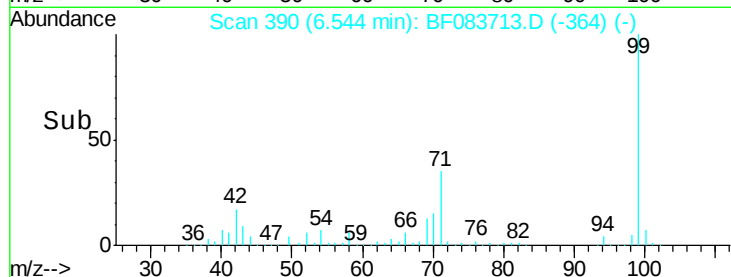
99 100

42 17.5 17.3 25.9

71 35.1 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 33.41 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

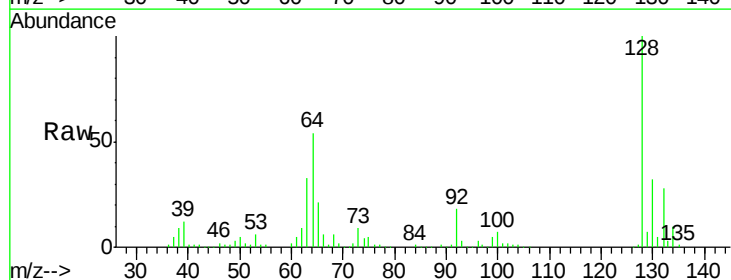
Tgt Ion: 128 Resp: 315126

Ion Ratio Lower Upper

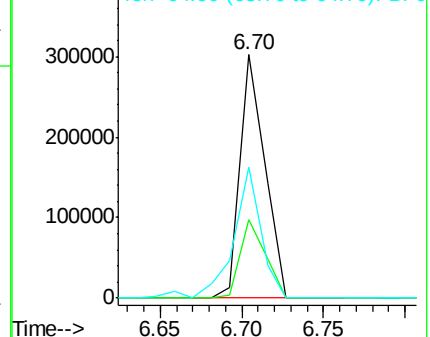
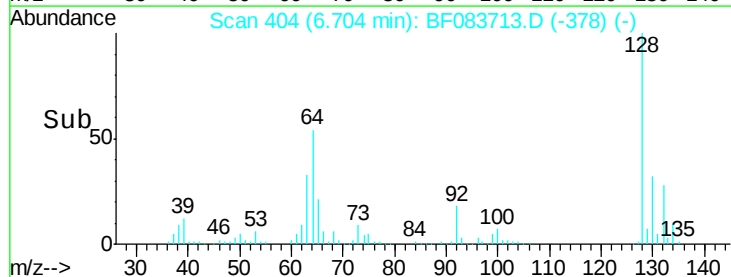
128 100

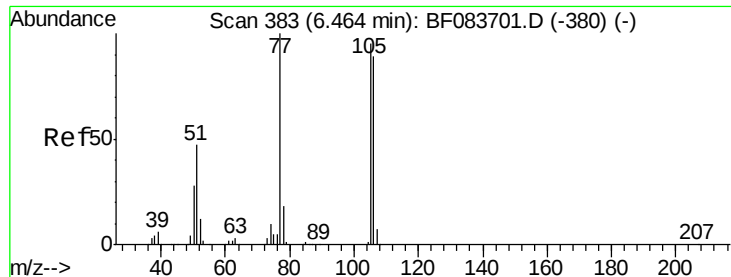
130 32.2 12.6 52.6

64 53.9 38.6 78.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 29.17 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

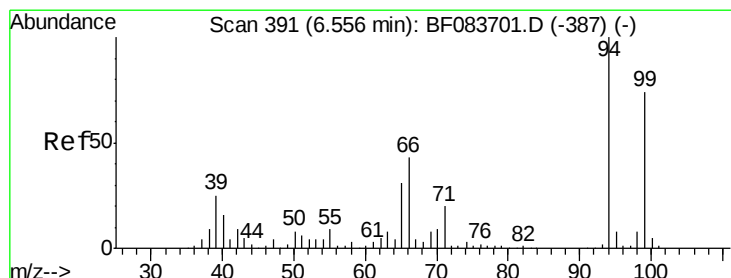
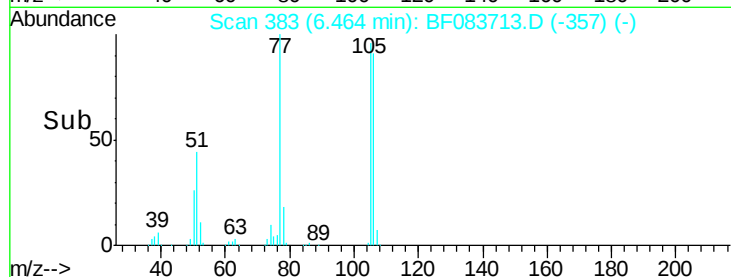
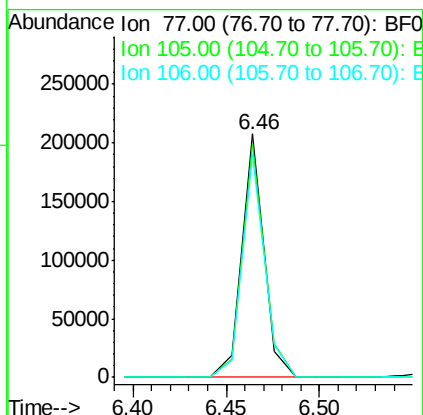
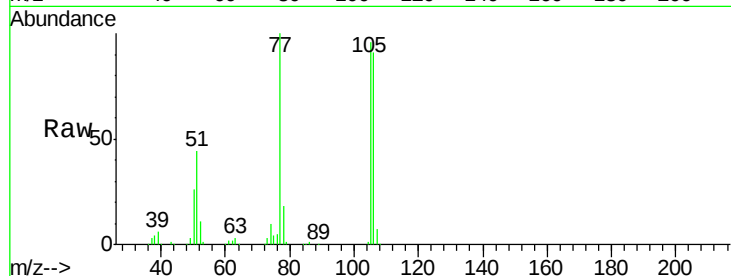
Tgt Ion: 77 Resp: 171285

Ion Ratio Lower Upper

77 100

105 96.0 71.8 111.8

106 91.5 66.8 106.8



#10

Phenol

Concen: 29.35 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

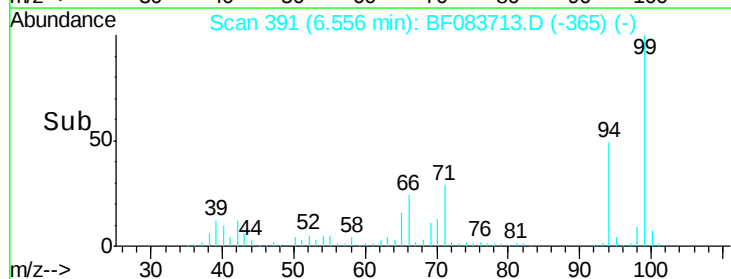
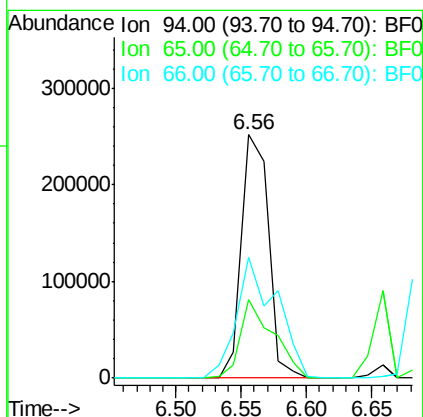
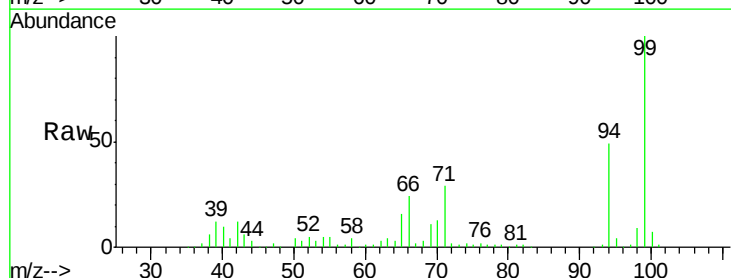
Tgt Ion: 94 Resp: 363455

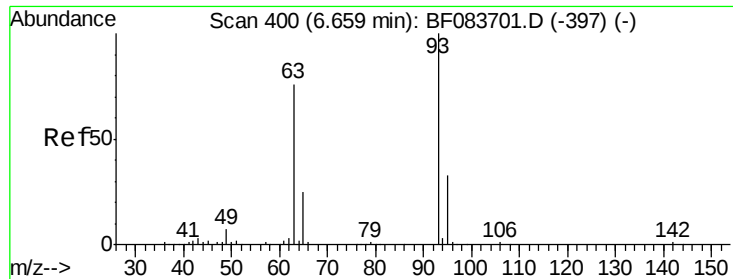
Ion Ratio Lower Upper

94 100

65 32.5 20.9 60.9

66 49.4 41.6 81.6





#11

bis(2-Chloroethyl)ether

Concen: 35.99 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

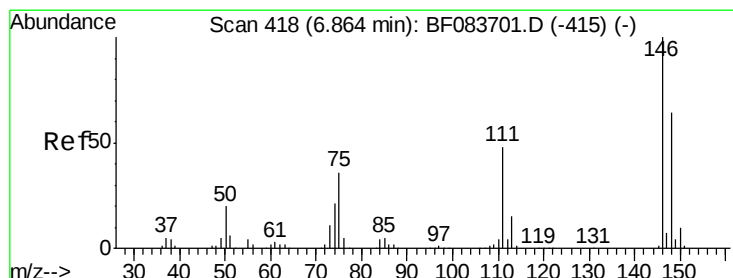
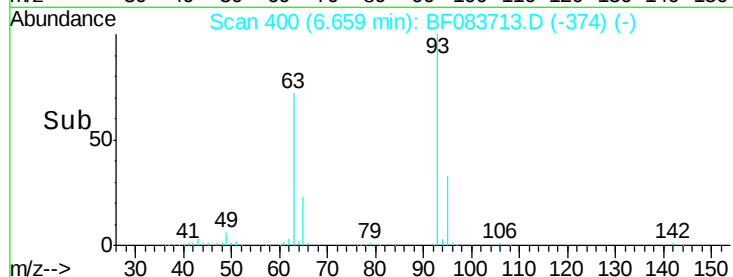
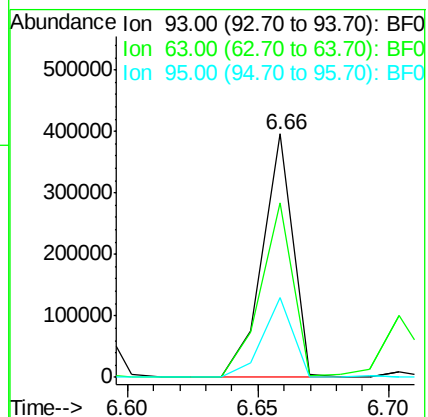
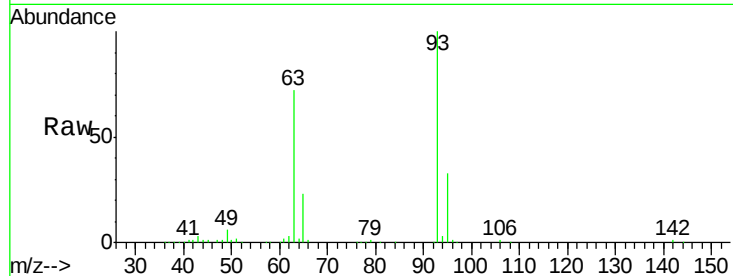
Tgt Ion: 93 Resp: 325301

Ion Ratio Lower Upper

93 100

63 71.5 64.7 104.7

95 32.5 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 33.02 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

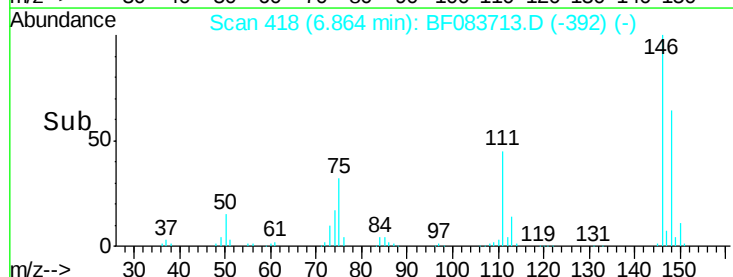
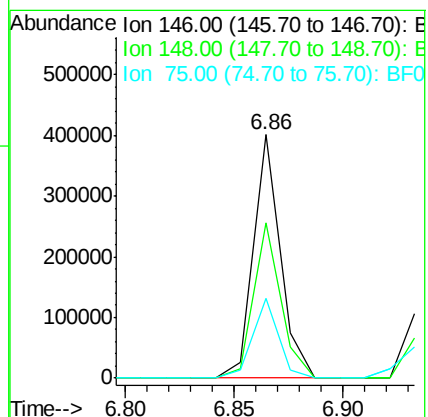
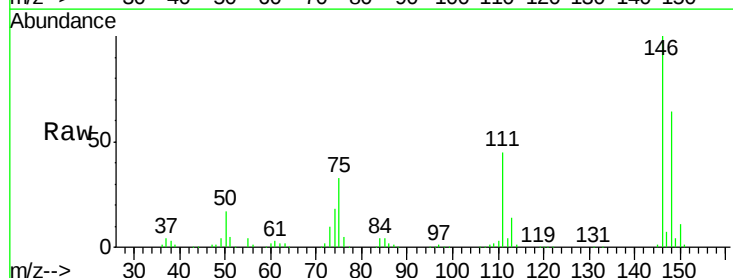
Tgt Ion: 146 Resp: 343751

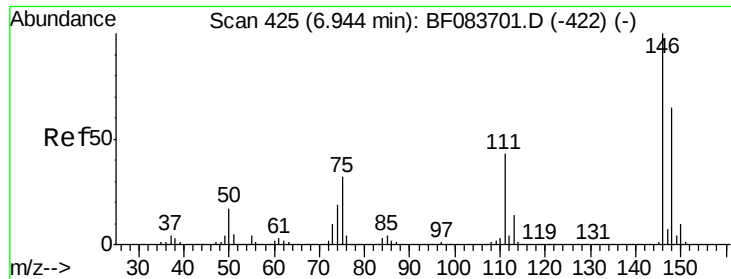
Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

75 32.9 24.1 36.1

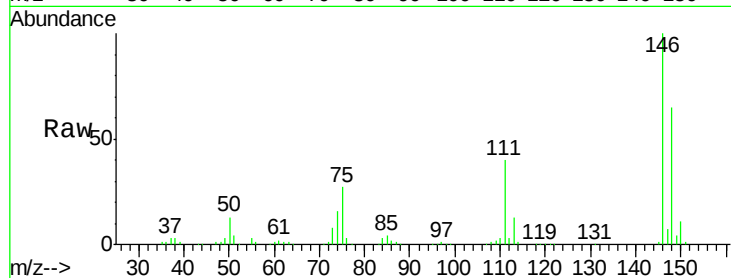




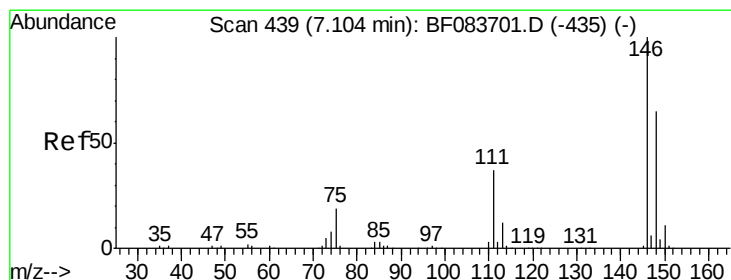
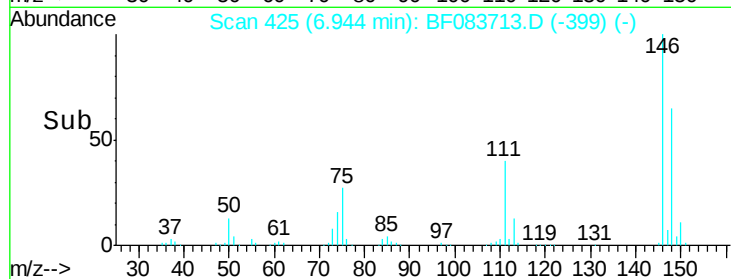
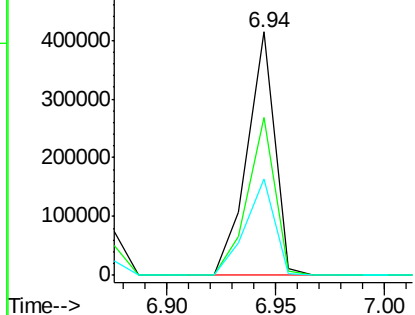
#13
 1,4-Dichlorobenzene
 Concen: 34.73 ng
 RT: 6.94 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BF083713.D
 Acq: 11 Dec 2015 23:47

Instrument :
 BNA_F
 ClientSampled :
 PB87230BS

Tgt Ion:146 Resp: 365182
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.6 76.0
 111 39.7 36.1 54.1

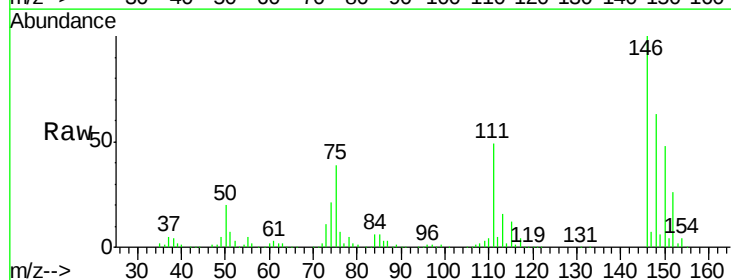


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

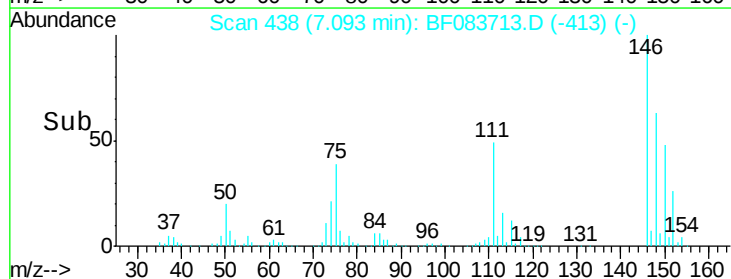
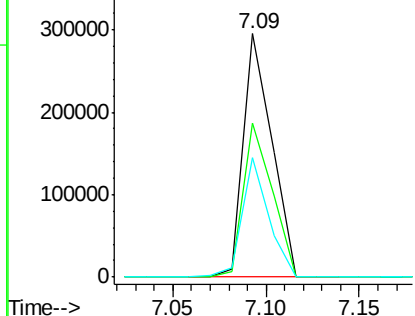


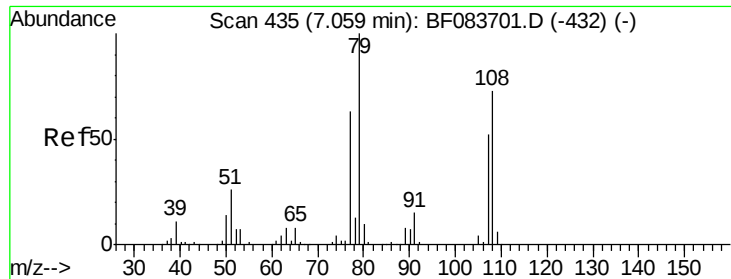
#14
 1,2-Dichlorobenzene
 Concen: 32.35 ng
 RT: 7.09 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF083713.D
 Acq: 11 Dec 2015 23:47

Tgt Ion:146 Resp: 312845
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.4 77.0
 111 49.0 36.7 55.1



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





#15

Benzyl Alcohol

Concen: 35.78 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

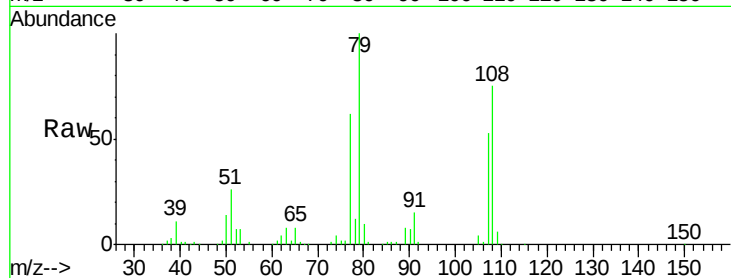
Tgt Ion: 79 Resp: 267936

Ion Ratio Lower Upper

79 100

108 75.5 59.6 89.4

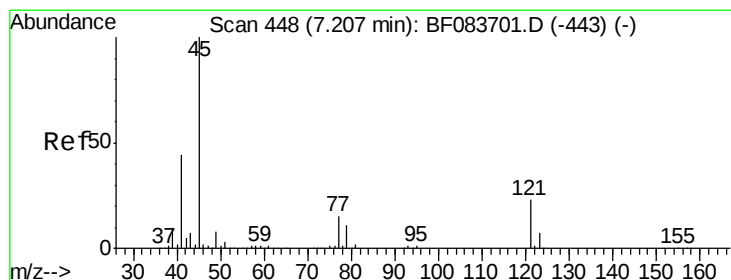
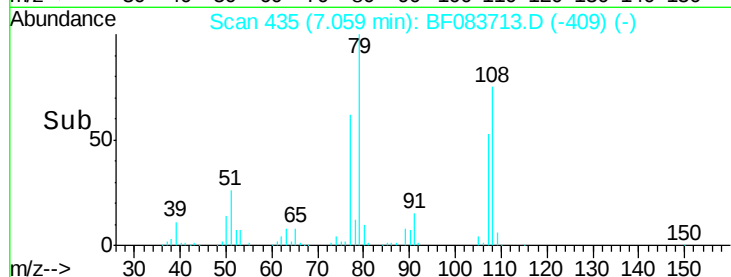
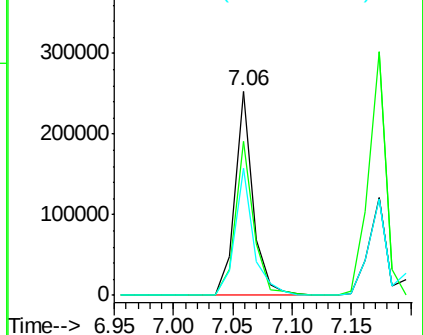
77 62.5 49.8 74.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.01 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

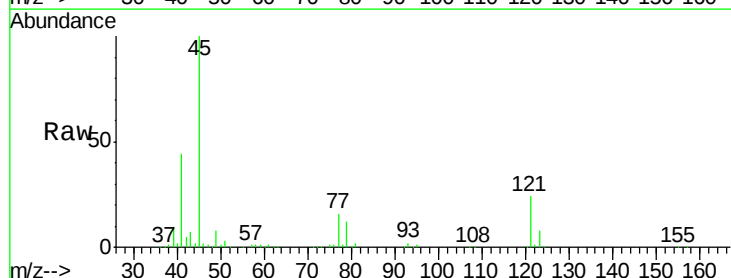
Tgt Ion: 45 Resp: 388091

Ion Ratio Lower Upper

45 100

77 15.7 12.8 52.8

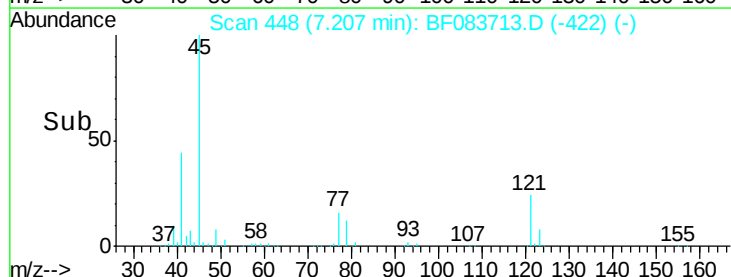
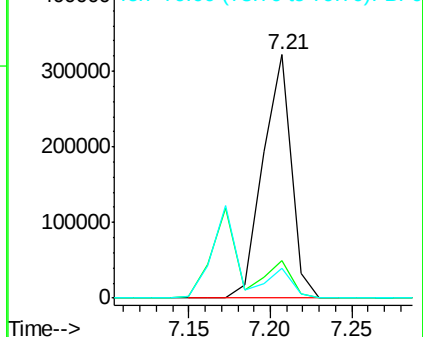
79 12.2 10.7 50.7

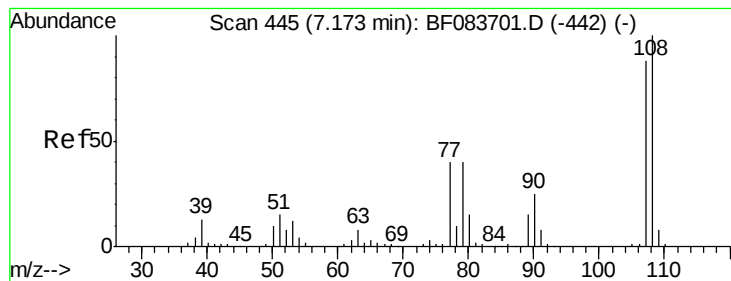


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 35.65 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

Tgt Ion:107 Resp: 271431

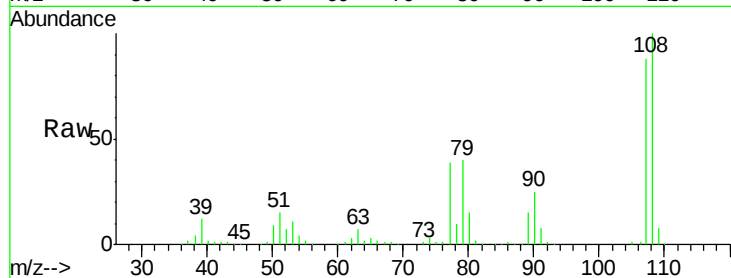
Ion Ratio Lower Upper

107 100

108 113.6 91.6 137.4

77 44.7 53.7 80.5#

79 45.8 50.2 75.4#

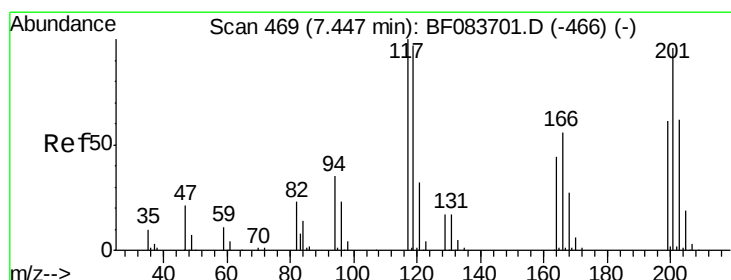
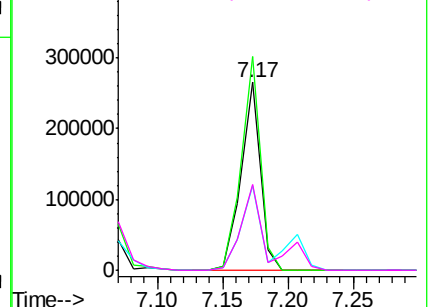
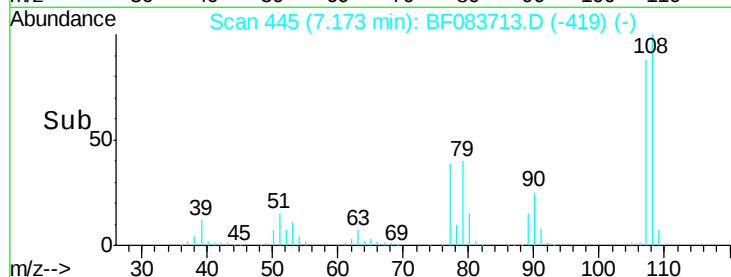


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.81 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

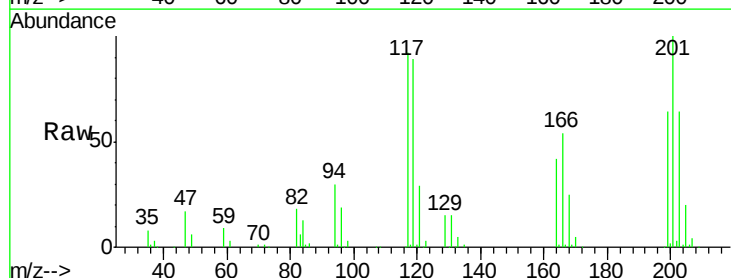
Tgt Ion:117 Resp: 123903

Ion Ratio Lower Upper

117 100

119 96.5 77.2 115.8

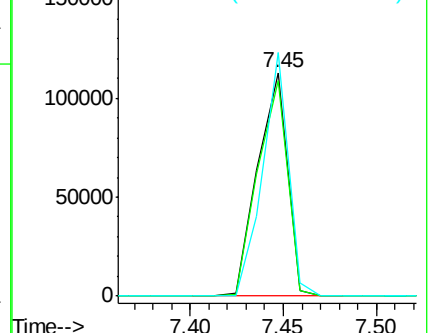
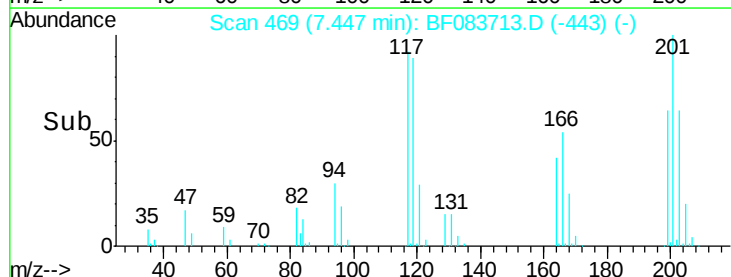
201 108.9 86.8 130.2

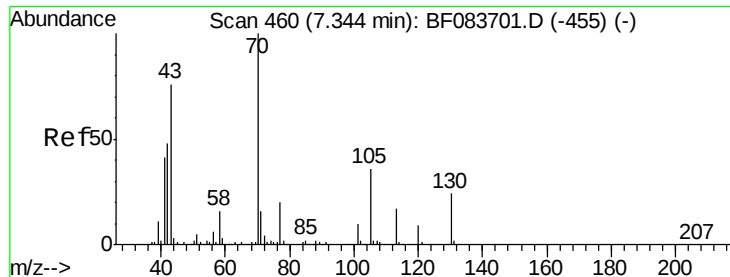


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

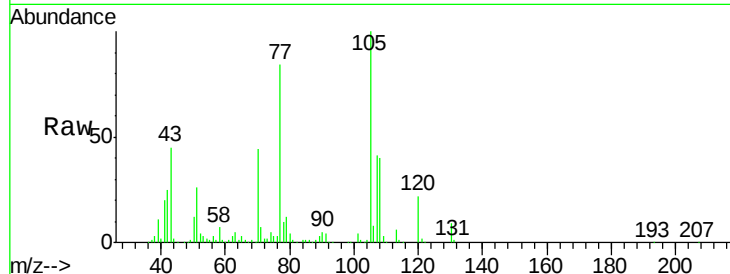




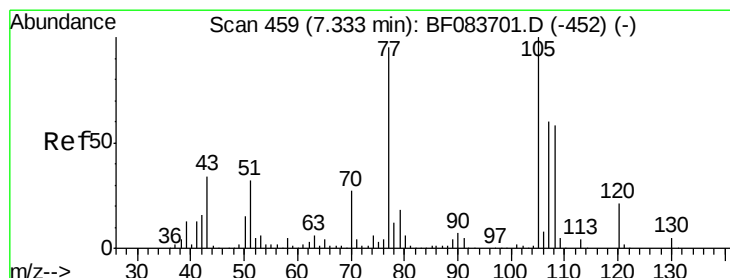
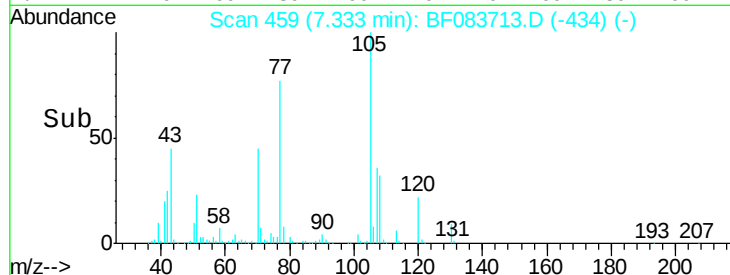
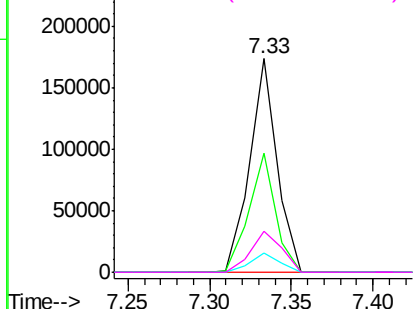
#19
n-Nitroso-di-n-propylamine
Concen: 32.44 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Instrument :
BNA_F
ClientSampleId :
PB87230BS

Tgt Ion: 70 Resp: 201541
Ion Ratio Lower Upper
70 100
42 55.6 49.2 73.8
101 9.2 7.1 10.7
130 19.4 15.4 23.0

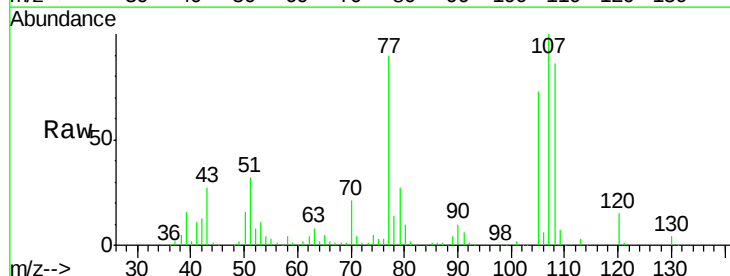


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

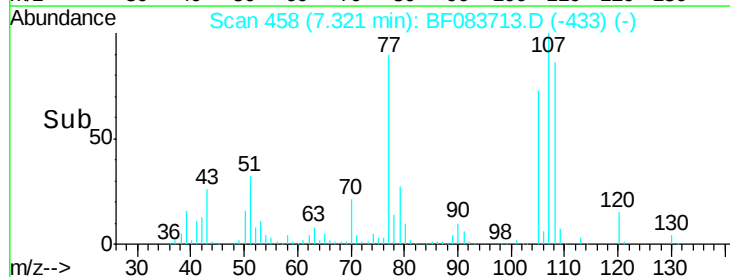
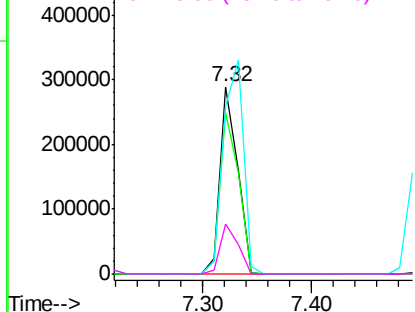


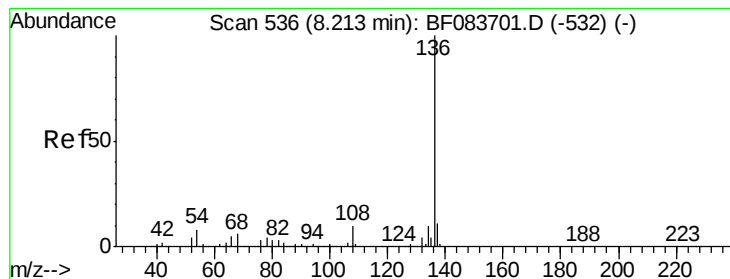
#20
3+4-Methylphenols
Concen: 35.14 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion: 107 Resp: 329319
Ion Ratio Lower Upper
107 100
108 86.5 65.2 105.2
77 89.5 15.2 55.2#
79 26.8 6.0 46.0



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

Tgt Ion:136 Resp: 547093

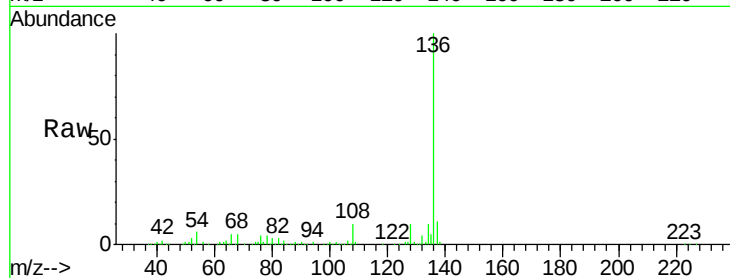
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.1 7.8 11.6#

68 5.4 5.7 8.5#

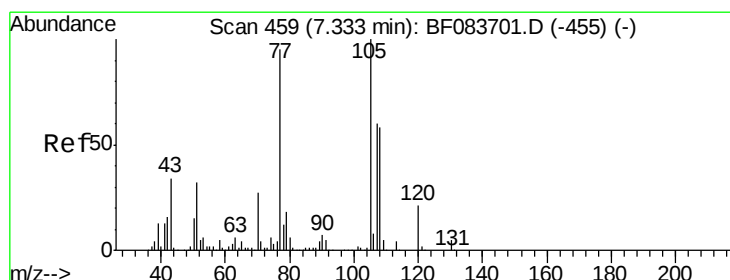
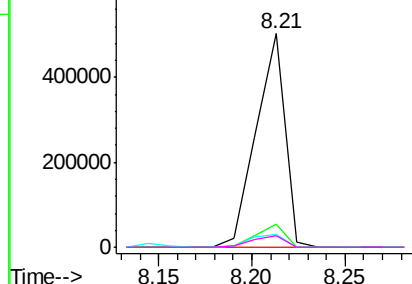
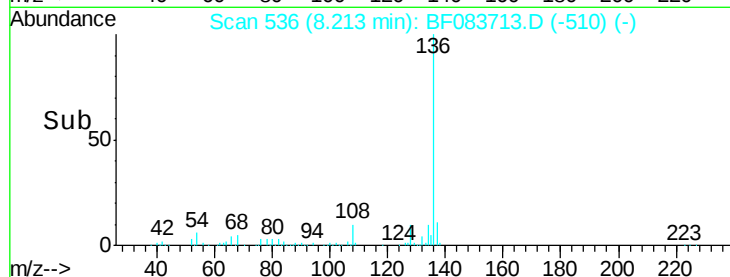


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 33.32 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Tgt Ion:105 Resp: 435902

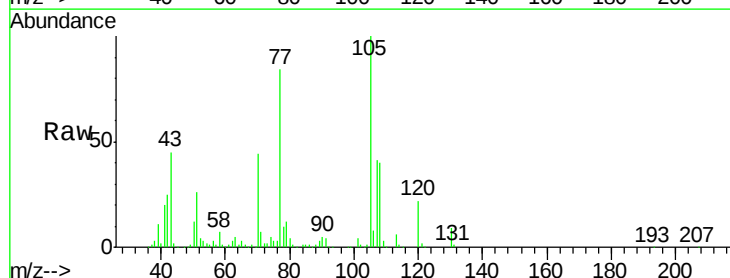
Ion Ratio Lower Upper

105 100

71 7.3 1.3 1.9#

51 26.3 23.8 35.8

120 21.8 16.7 25.1

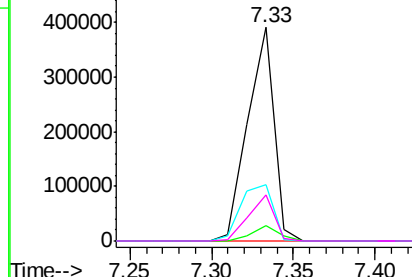
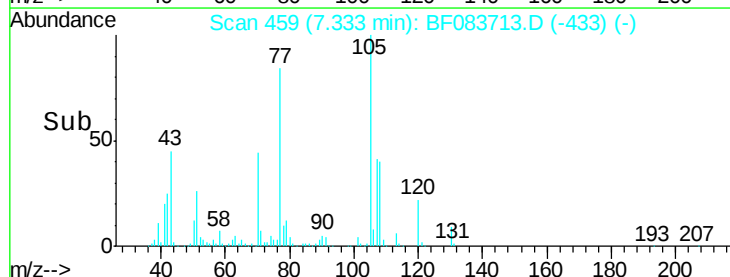


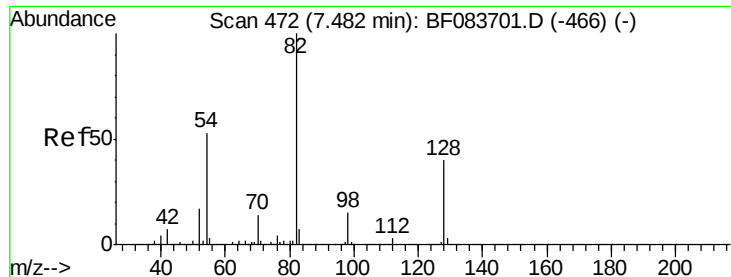
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 76.00 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

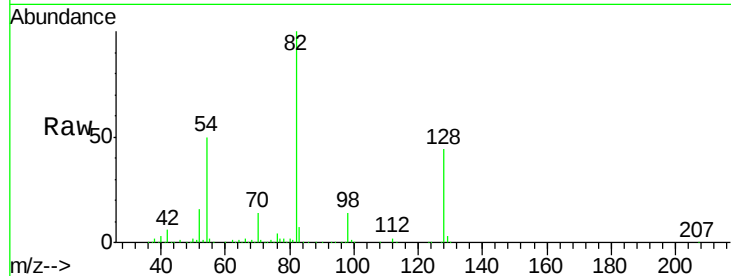
Tgt Ion: 82 Resp: 613119

Ion Ratio Lower Upper

82 100

128 44.2 30.7 46.1

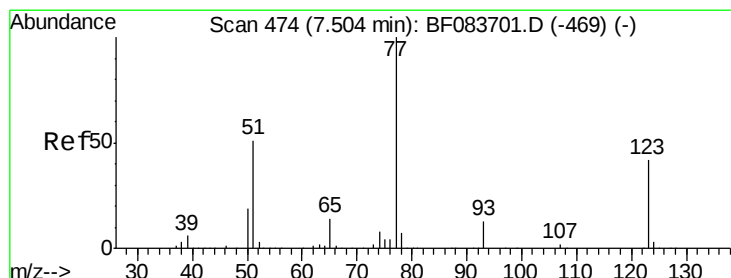
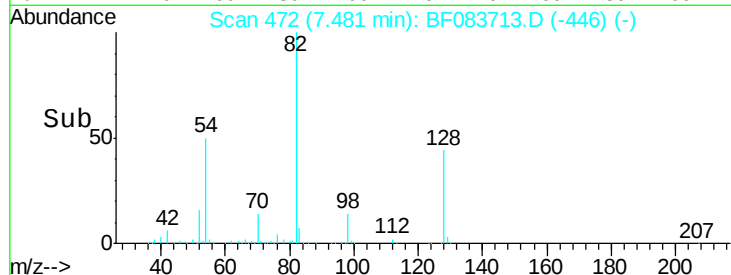
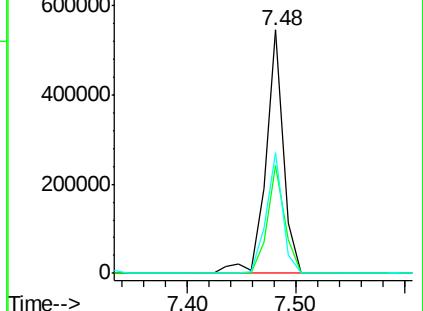
54 49.7 42.5 63.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.70 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

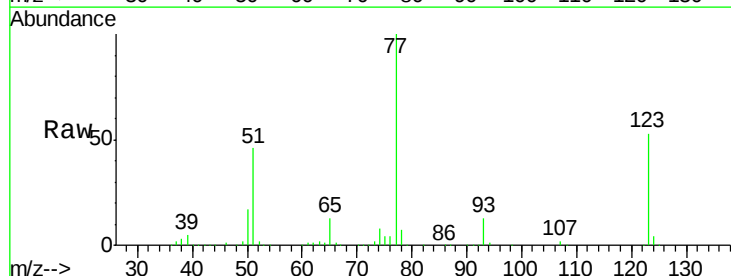
Tgt Ion: 77 Resp: 349236

Ion Ratio Lower Upper

77 100

123 52.9 29.8 44.6#

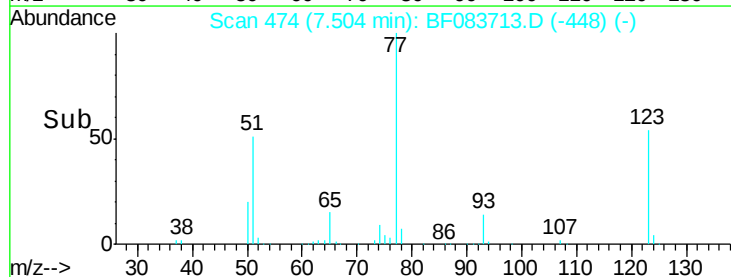
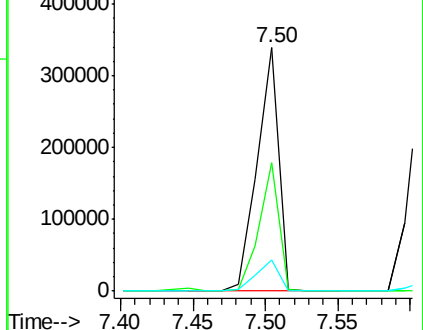
65 12.9 11.1 16.7

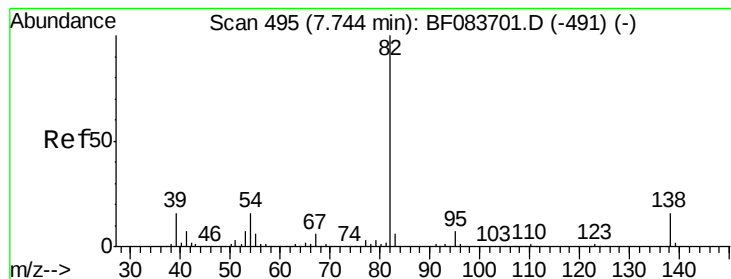


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.12 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

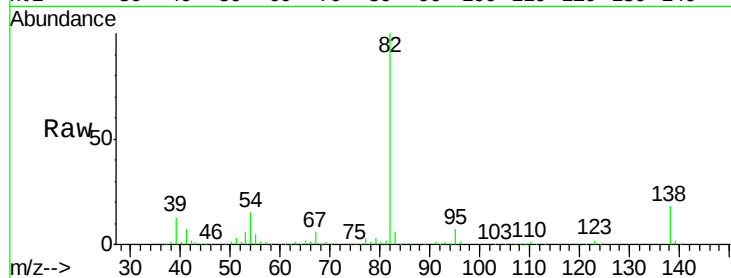
Tgt Ion: 82 Resp: 615251

Ion Ratio Lower Upper

82 100

95 7.2 5.0 7.4

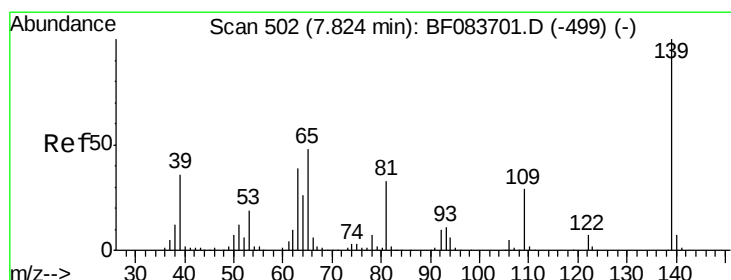
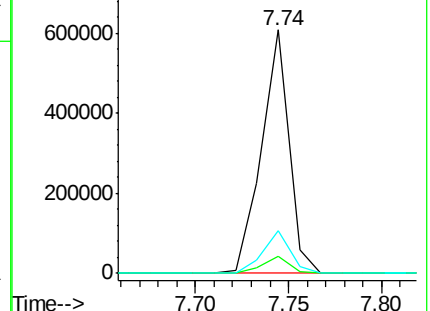
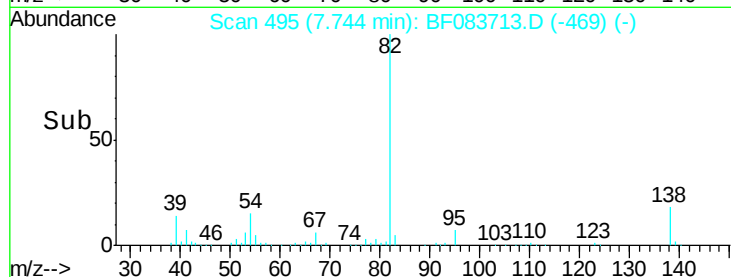
138 17.7 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.23 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

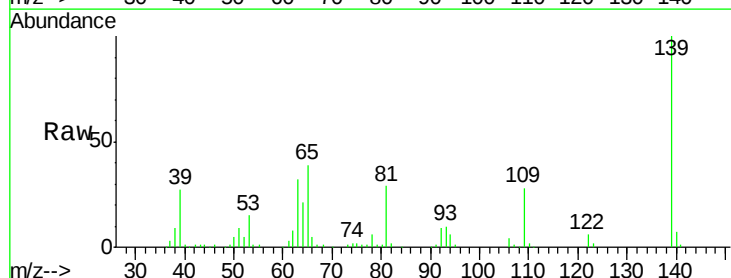
Tgt Ion: 139 Resp: 156959

Ion Ratio Lower Upper

139 100

109 27.7 22.7 34.1

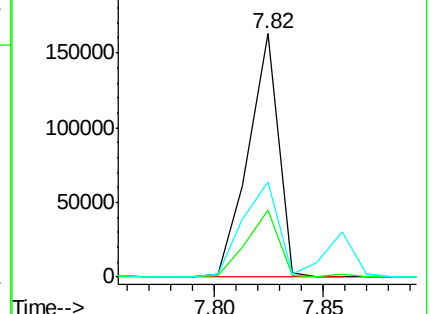
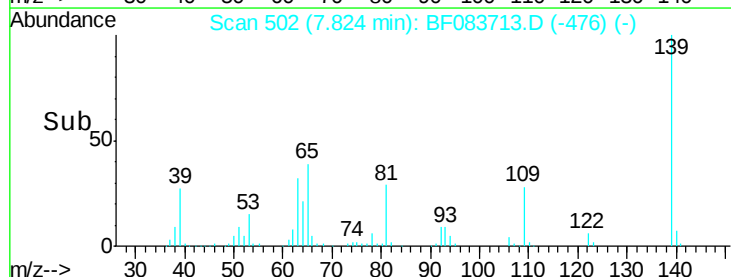
65 39.2 51.8 77.8#

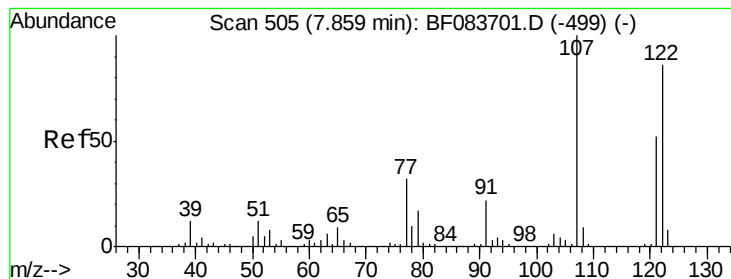


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 34.61 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

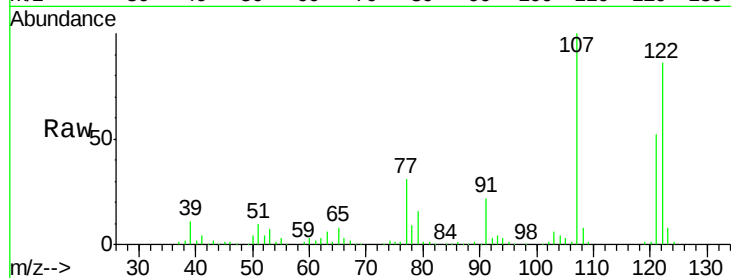
Tgt Ion:122 Resp: 312919

Ion Ratio Lower Upper

122 100

107 115.7 92.4 138.6

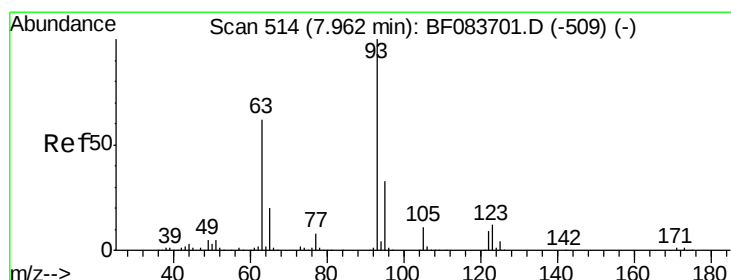
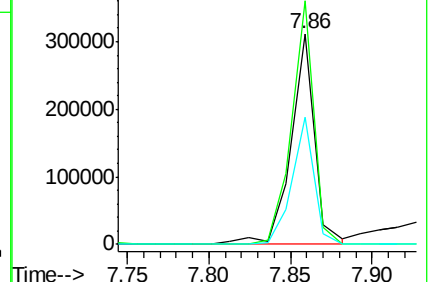
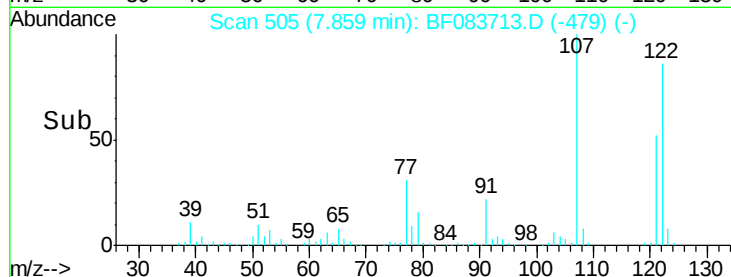
121 60.6 45.8 68.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.11 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

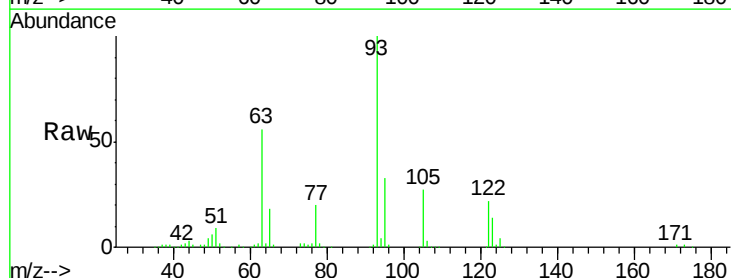
Tgt Ion: 93 Resp: 362018

Ion Ratio Lower Upper

93 100

95 33.0 25.6 38.4

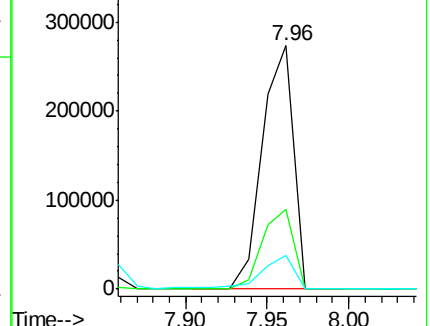
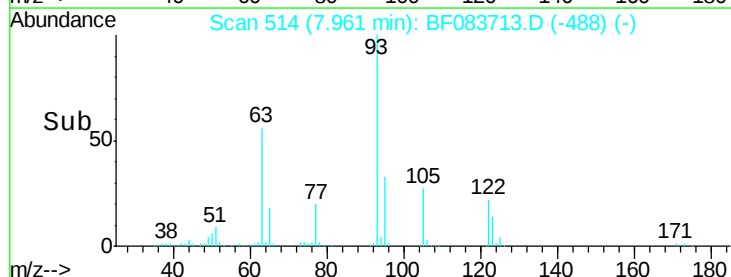
123 13.9 7.3 10.9#

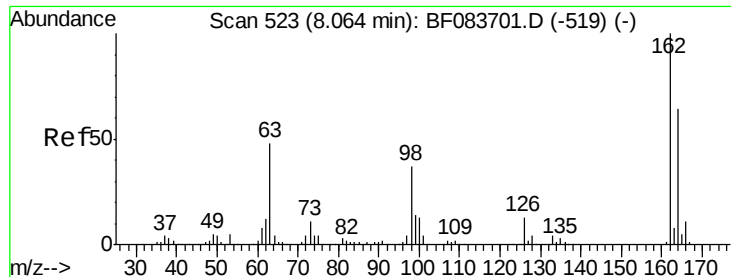


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

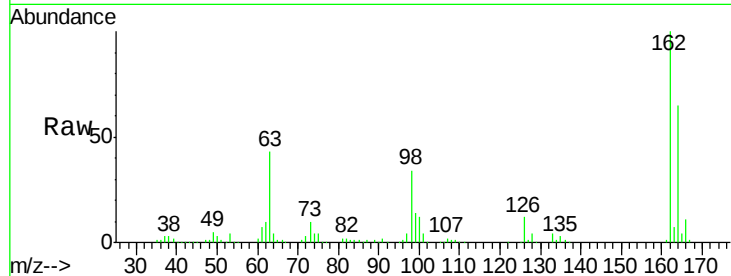




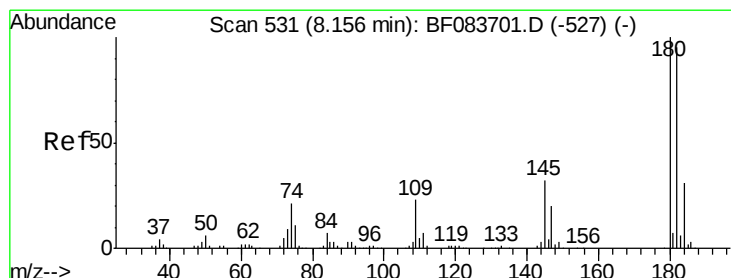
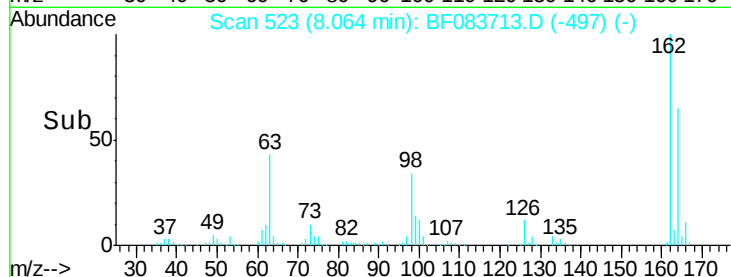
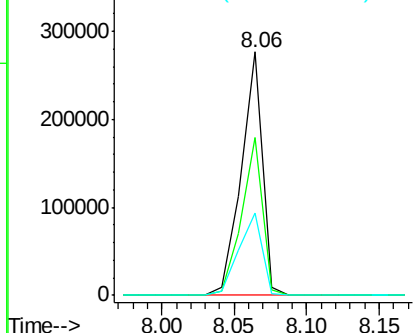
#29
 2,4-Dichlorophenol
 Concen: 37.47 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF083713.D
 Acq: 11 Dec 2015 23:47

Instrument :
 BNA_F
 ClientSampleId :
 PB87230BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.4	83.4
98	33.9	17.5	57.5

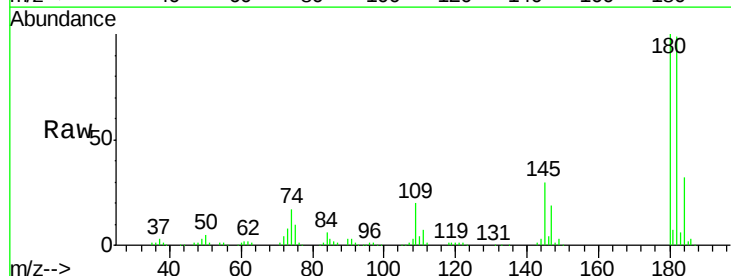


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

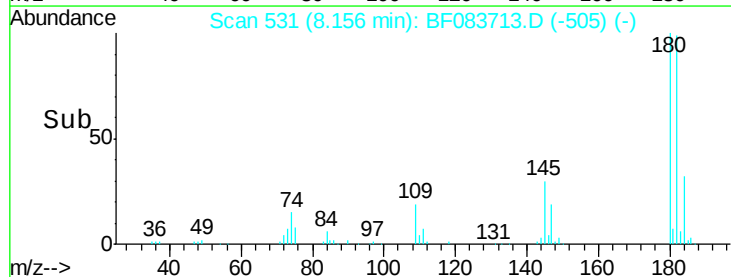
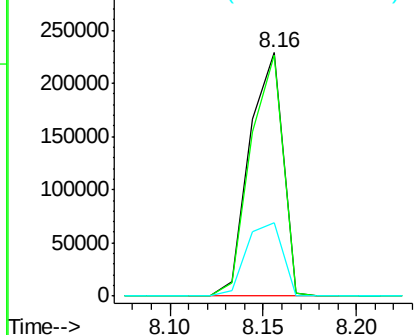


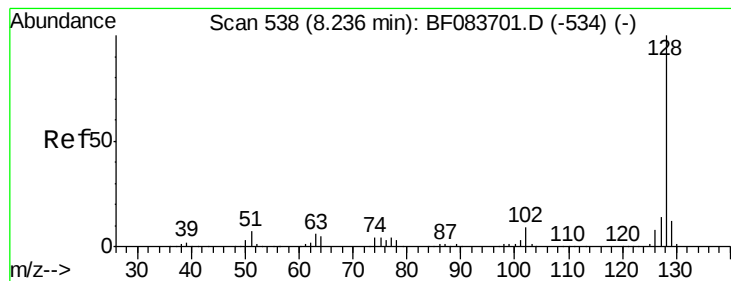
#30
 1,2,4-Trichlorobenzene
 Concen: 34.09 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF083713.D
 Acq: 11 Dec 2015 23:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	74.9	112.3
145	30.1	24.7	37.1



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





#31

Naphthalene

Concen: 34.98 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

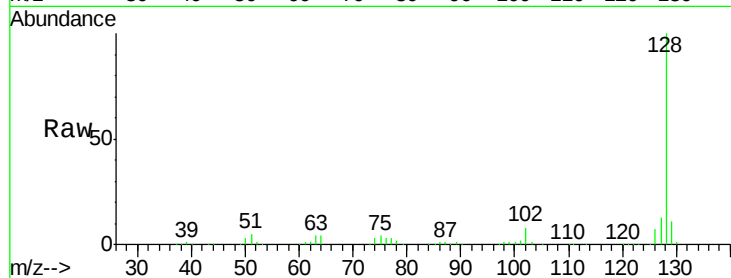
Tgt Ion:128 Resp: 944692

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

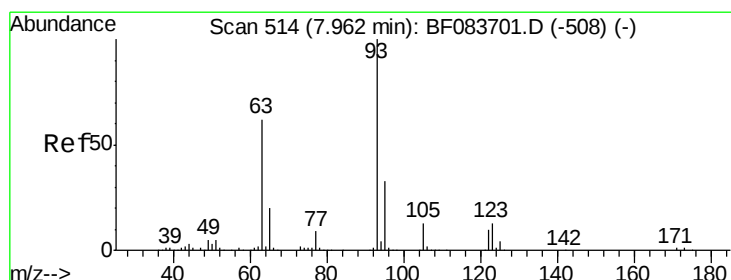
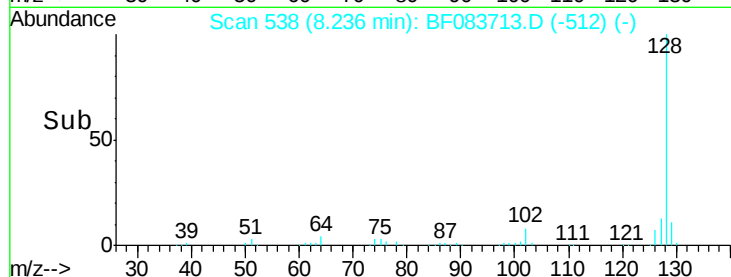
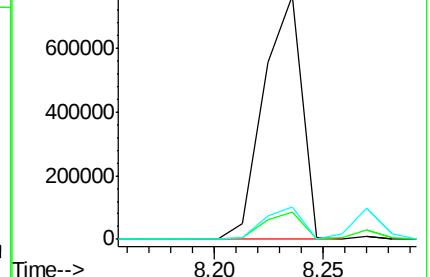
127 13.5 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.82 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

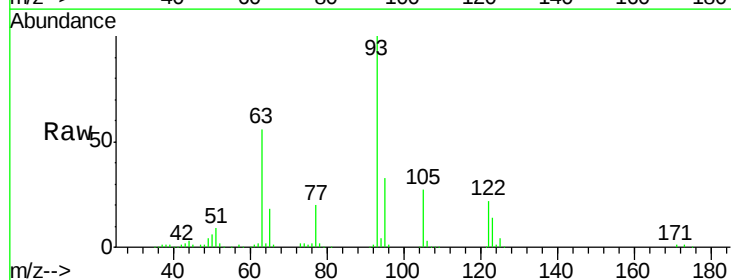
Tgt Ion:122 Resp: 179993

Ion Ratio Lower Upper

122 100

105 120.5 105.6 145.6

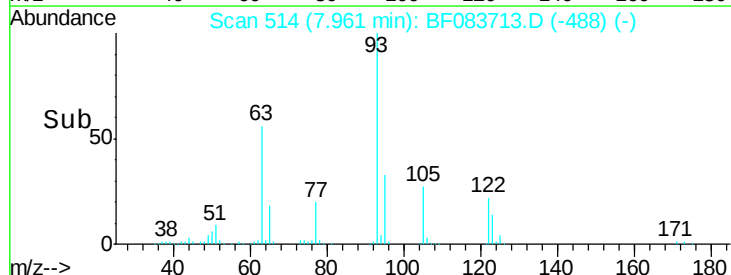
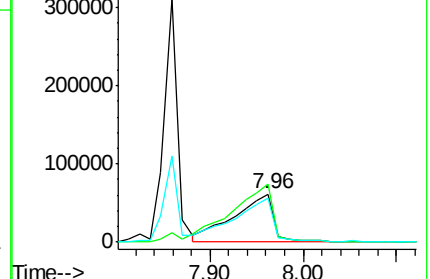
77 90.2 86.8 126.8

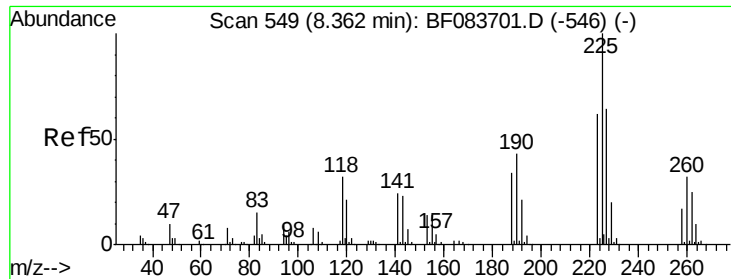


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

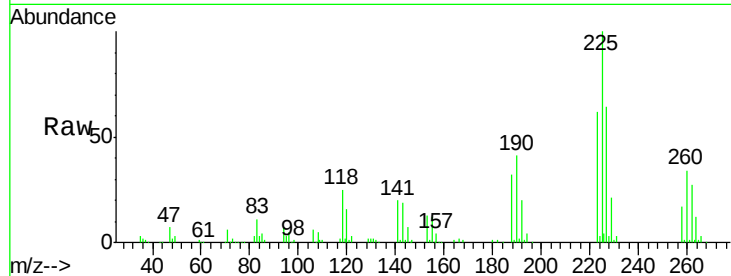




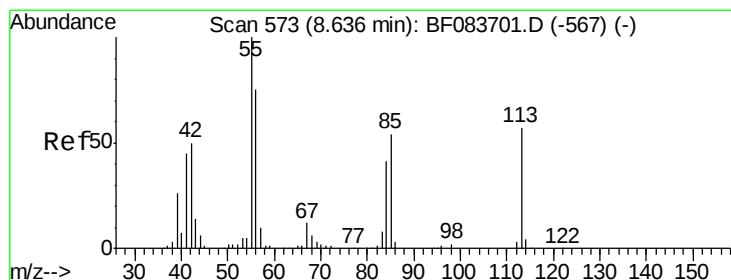
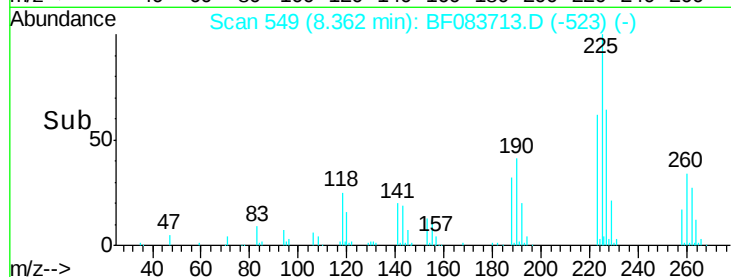
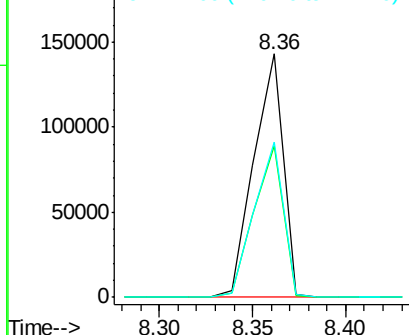
#34
Hexachlorobutadiene
Concen: 33.77 ng
RT: 8.36 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Instrument :
BNA_F
ClientSampleId :
PB87230BS

Tgt Ion:225 Resp: 155521
Ion Ratio Lower Upper
225 100
223 62.0 52.3 78.5
227 63.6 50.4 75.6

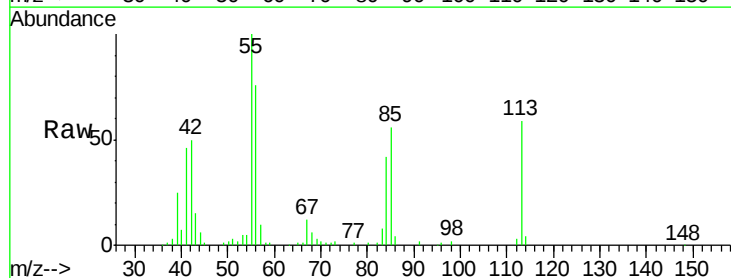


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

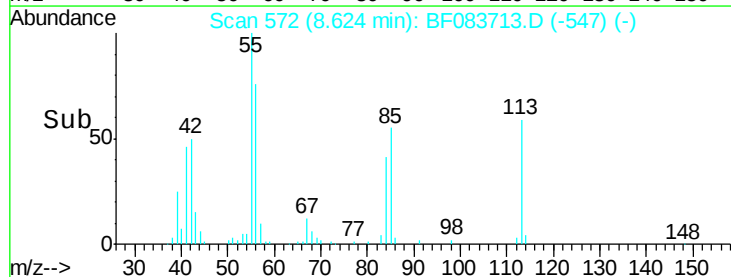
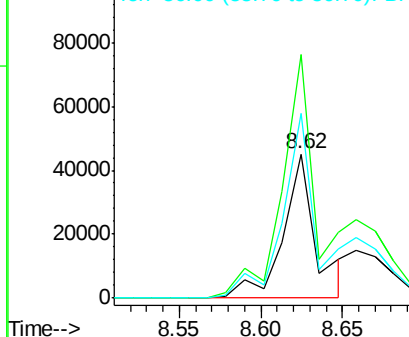


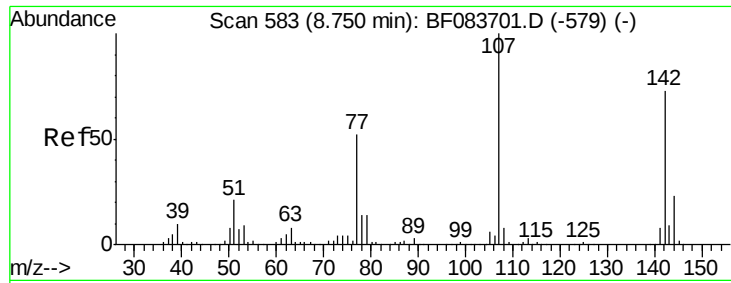
#35
Caprolactam
Concen: 26.14 ng
RT: 8.62 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:113 Resp: 62822
Ion Ratio Lower Upper
113 100
55 168.8 189.7 229.7#
56 127.9 130.7 170.7#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

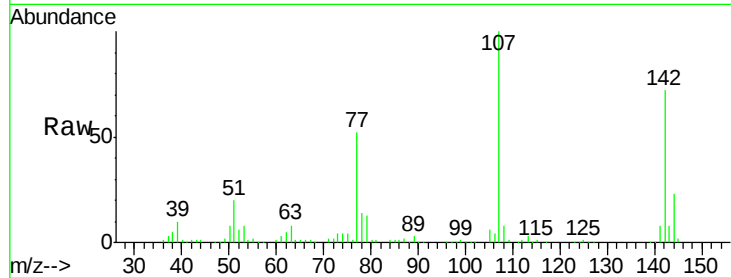




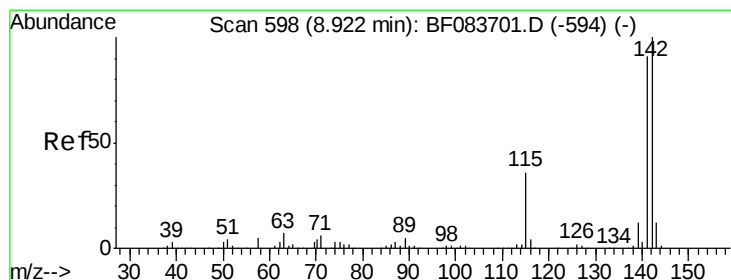
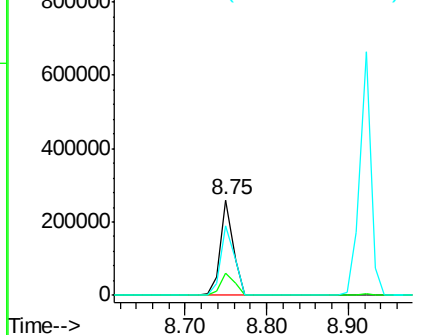
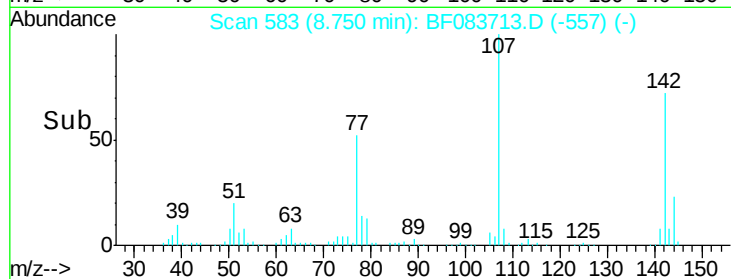
#36
 4-Chloro-3-methylphenol
 Concen: 34.86 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF083713.D
 Acq: 11 Dec 2015 23:47

Instrument :
 BNA_F
 ClientSampleId :
 PB87230BS

Tgt Ion:107 Resp: 285269
 Ion Ratio Lower Upper
 107 100
 144 23.3 17.5 26.3
 142 72.2 53.6 80.4

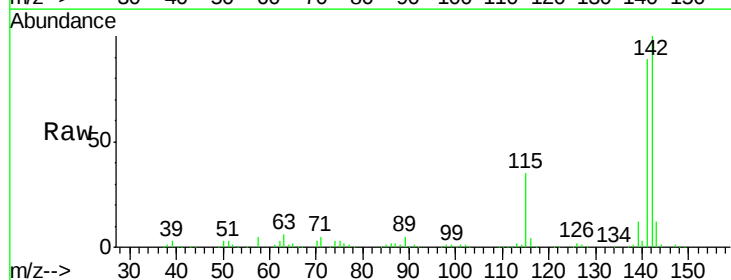


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

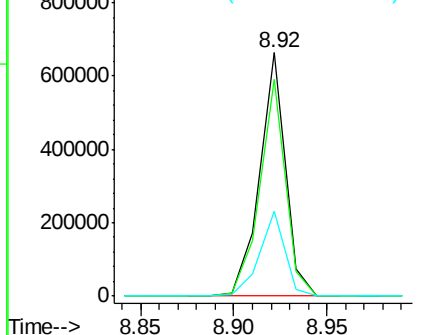
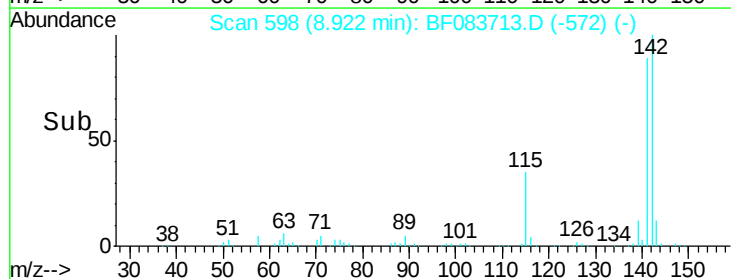


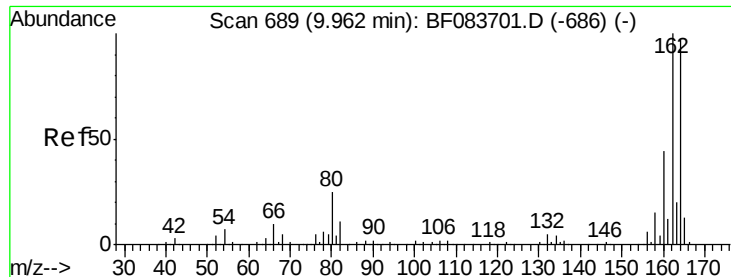
#37
 2-Methylnaphthalene
 Concen: 36.92 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF083713.D
 Acq: 11 Dec 2015 23:47

Tgt Ion:142 Resp: 629128
 Ion Ratio Lower Upper
 142 100
 141 89.3 70.3 105.5
 115 34.9 29.2 43.8



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

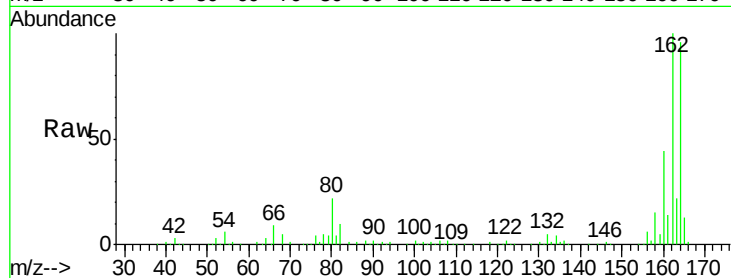
Tgt Ion:164 Resp: 251153

Ion Ratio Lower Upper

164 100

162 103.8 78.8 118.2

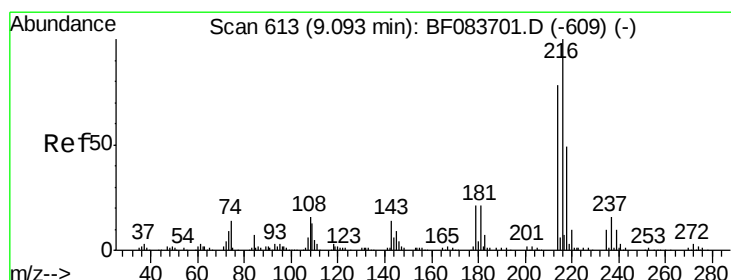
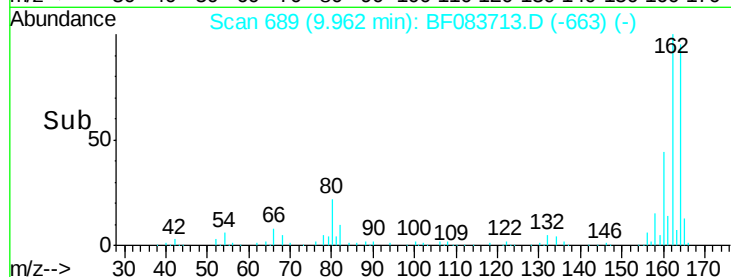
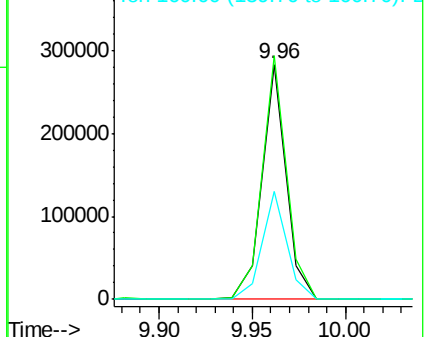
160 46.1 33.4 50.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.78 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Tgt Ion:216 Resp: 272519

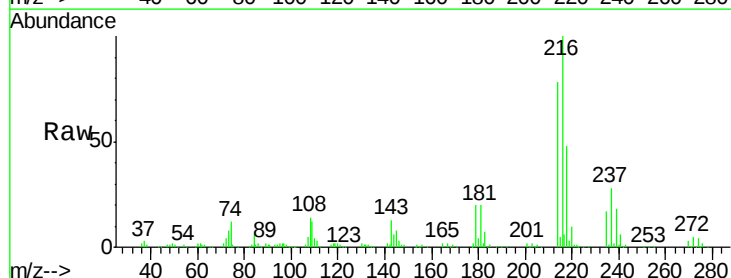
Ion Ratio Lower Upper

216 100

214 78.0 0.0 0.0#

179 21.5 0.0 0.0#

108 20.9 0.0 0.0#

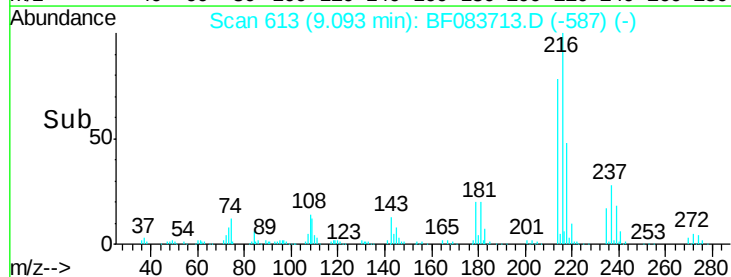
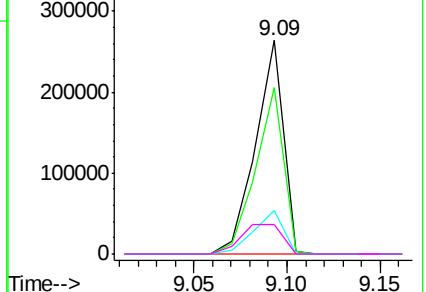


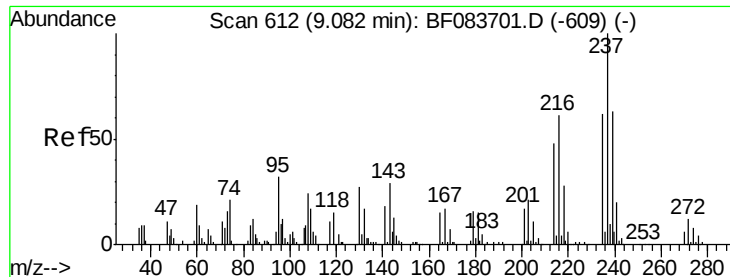
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

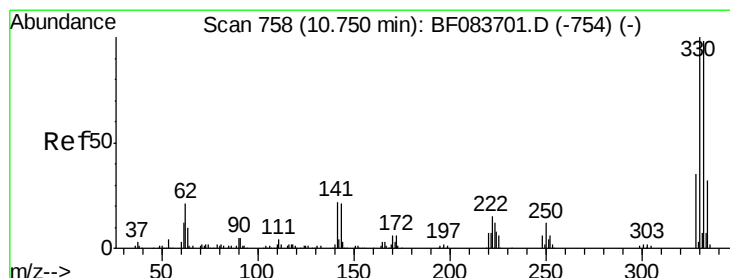
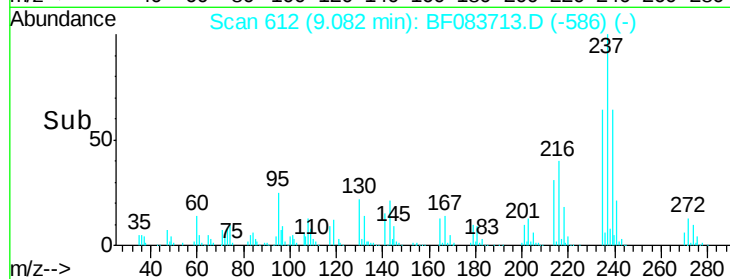
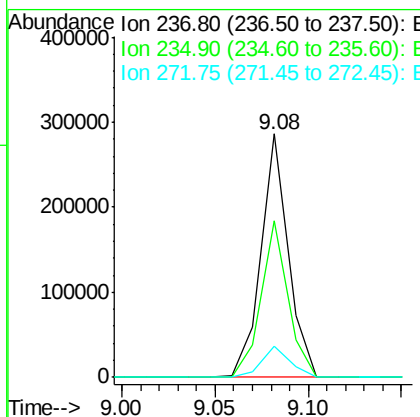
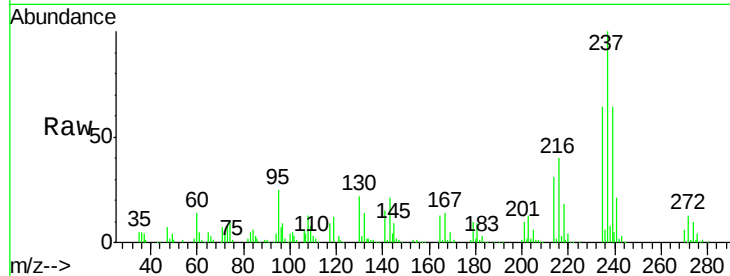




#40
Hexachlorocyclopentadiene
Concen: 77.73 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

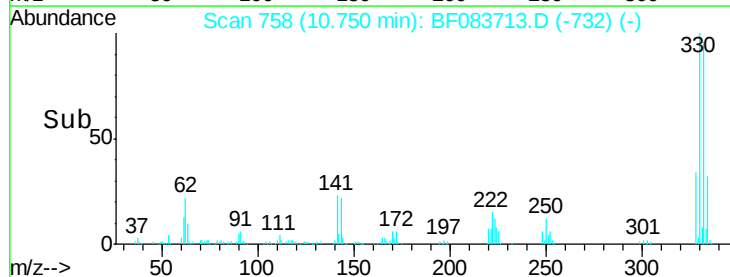
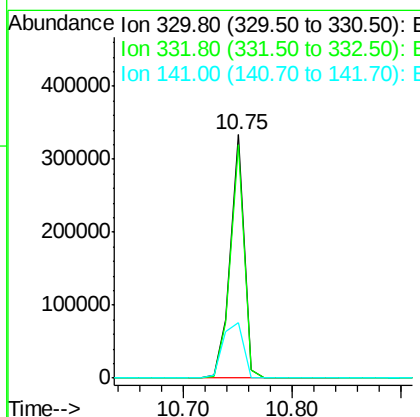
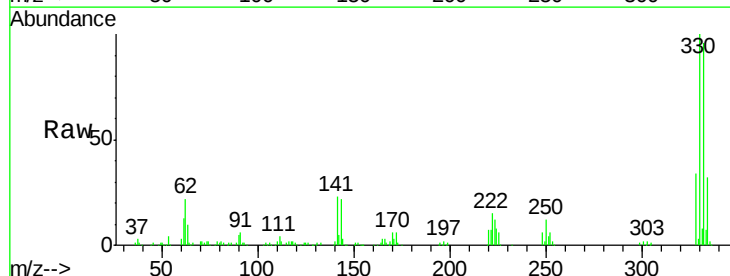
Instrument :
BNA_F
ClientSampleId :
PB87230BS

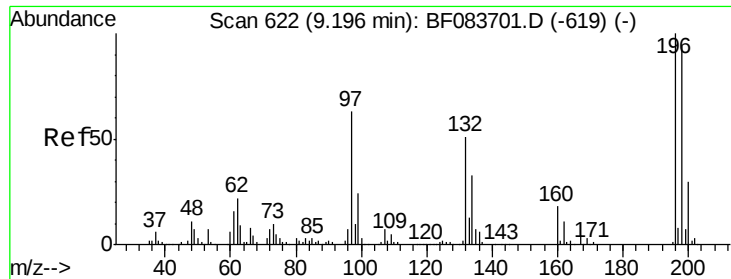
Tgt Ion:237 Resp: 288141
Ion Ratio Lower Upper
237 100
235 64.2 43.9 83.9
272 12.9 0.0 31.8



#41
2,4,6-Tribromophenol
Concen: 121.63 ng
RT: 10.75 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:330 Resp: 295684
Ion Ratio Lower Upper
330 100
332 95.5 0.0 0.0#
141 33.8 0.0 0.0#

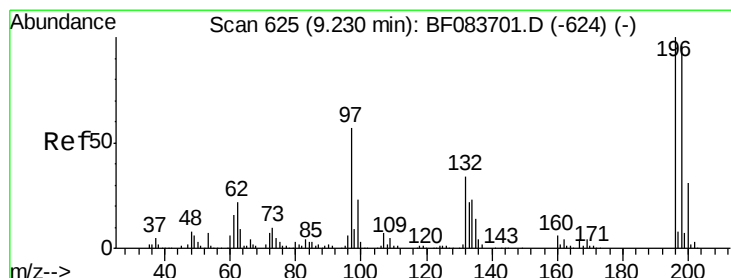
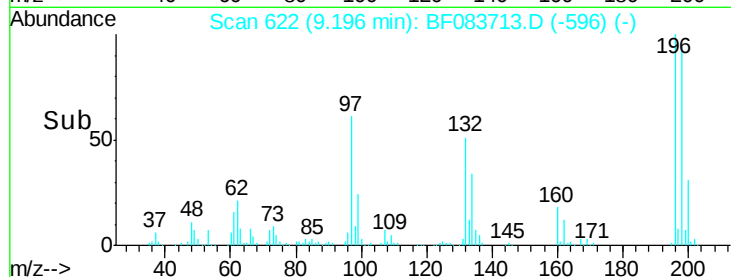
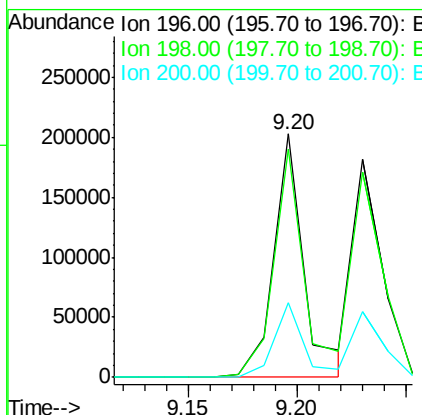
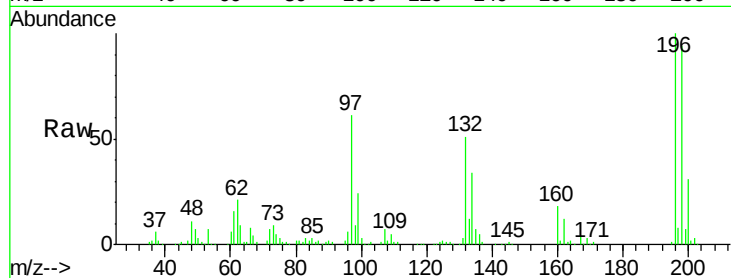




#42
 2,4,6-Trichlorophenol
 Concen: 36.91 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF083713.D
 Acq: 11 Dec 2015 23:47

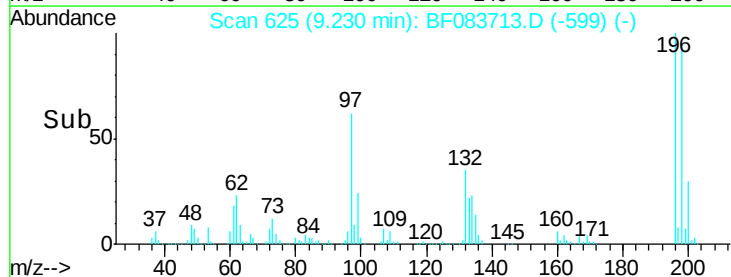
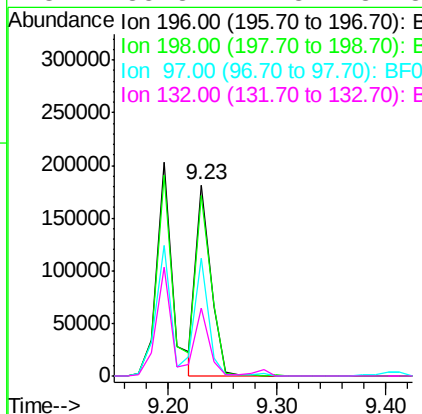
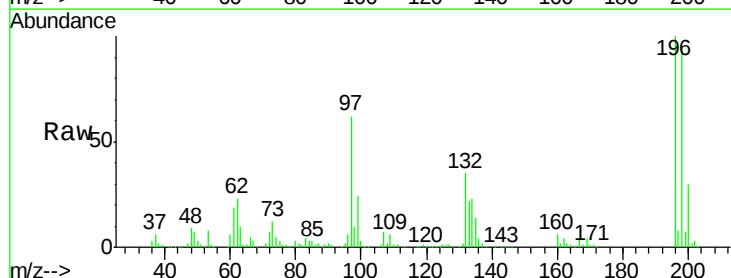
Instrument :
 BNA_F
 ClientSampleId :
 PB87230BS

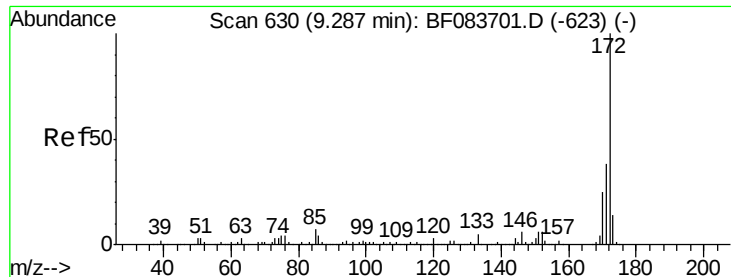
Tgt Ion:196 Resp: 198171
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.2 112.8
 200 30.7 23.0 34.6



#43
 2,4,5-Trichlorophenol
 Concen: 33.74 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF083713.D
 Acq: 11 Dec 2015 23:47

Tgt Ion:196 Resp: 174816
 Ion Ratio Lower Upper
 196 100
 198 94.5 77.7 116.5
 97 61.5 41.2 61.8
 132 35.3 21.8 32.8#

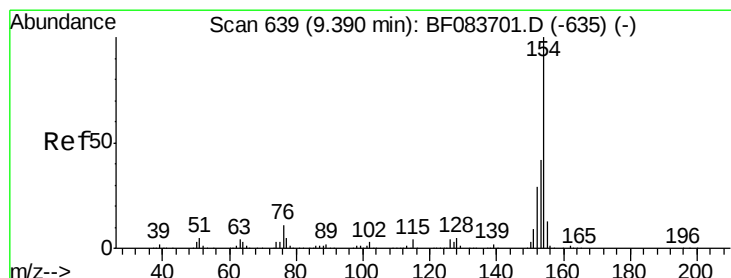
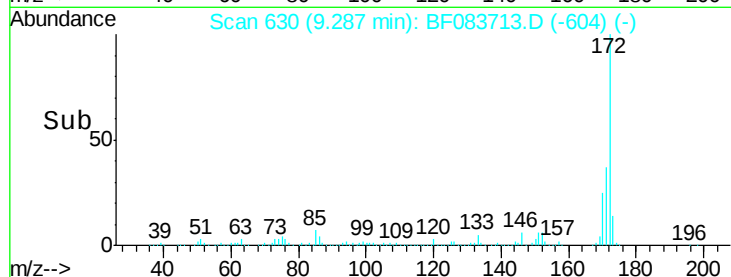
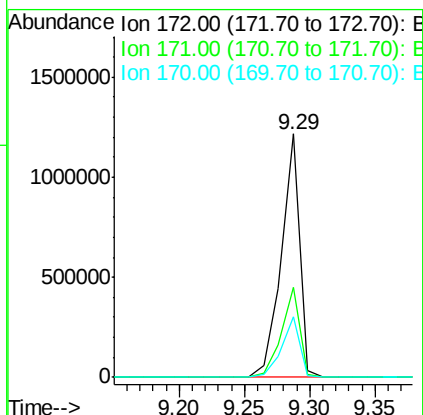
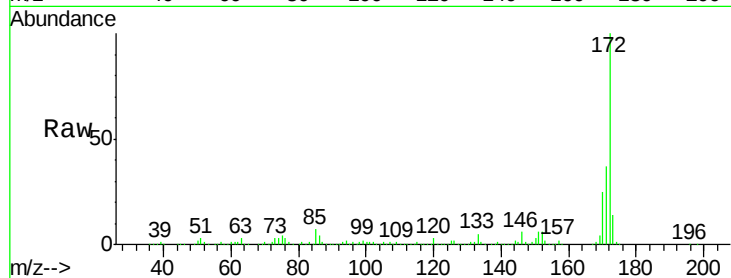




#44
2-Fluorobiphenyl
Concen: 70.67 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

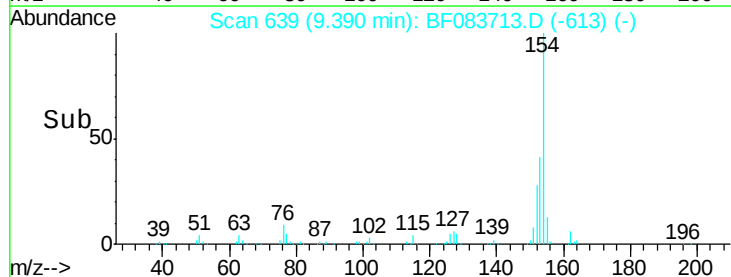
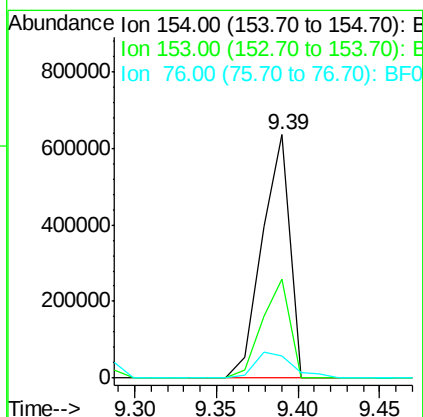
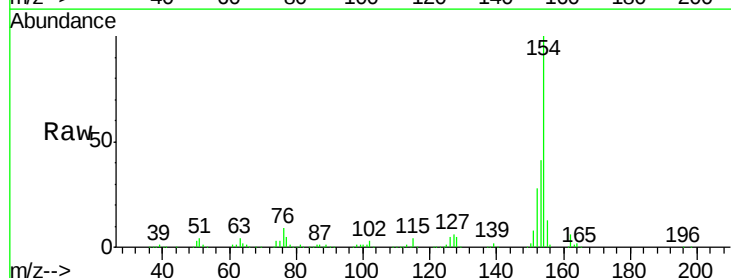
Instrument :
BNA_F
ClientSampleId :
PB87230BS

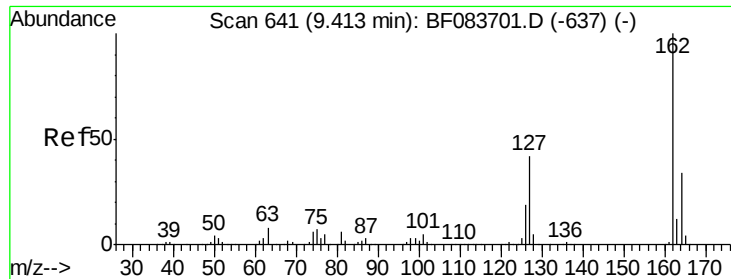
Tgt Ion:172 Resp: 1205012
Ion Ratio Lower Upper
172 100
171 37.2 28.6 42.8
170 24.9 19.4 29.0



#45
1,1'-Biphenyl
Concen: 34.01 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:154 Resp: 744882
Ion Ratio Lower Upper
154 100
153 40.6 20.2 60.2
76 9.3 0.0 34.8

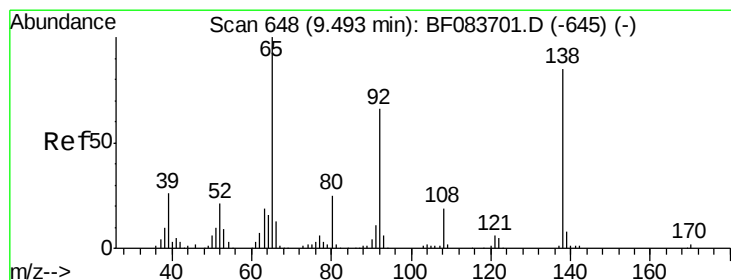
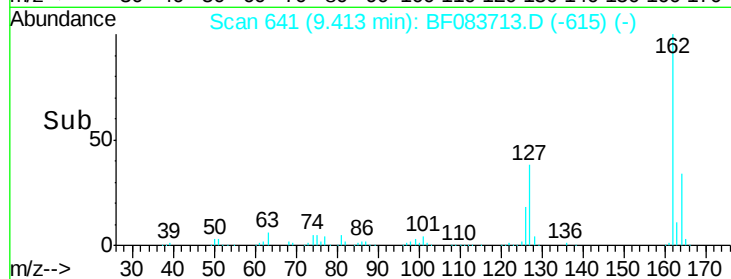
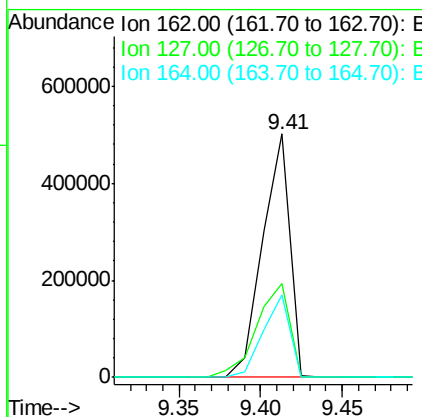
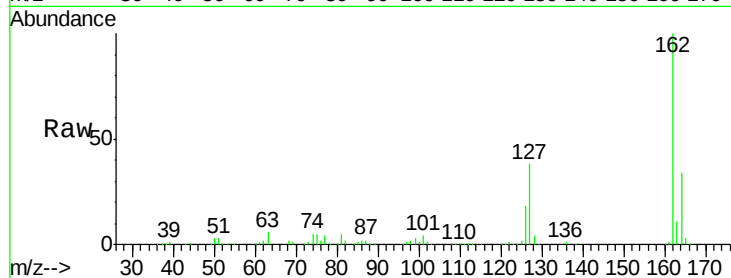




#46
2-Chloronaphthalene
Concen: 35.18 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

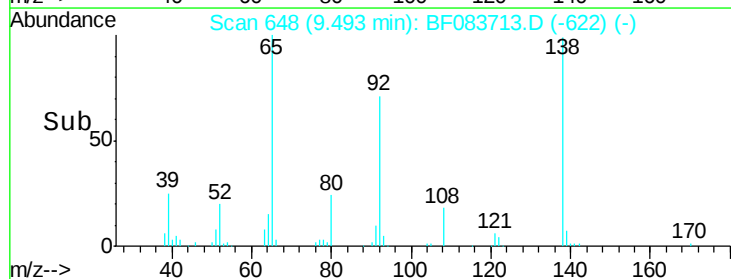
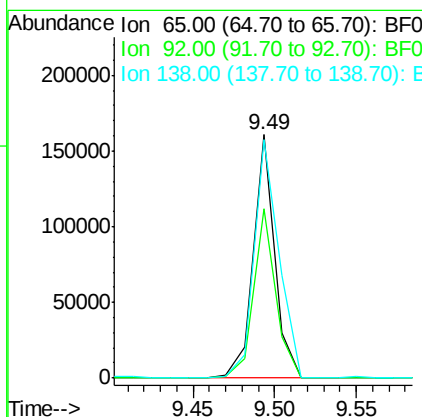
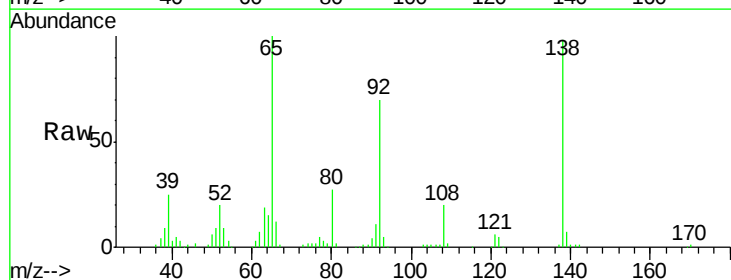
Instrument :
BNA_F
ClientSampleId :
PB87230BS

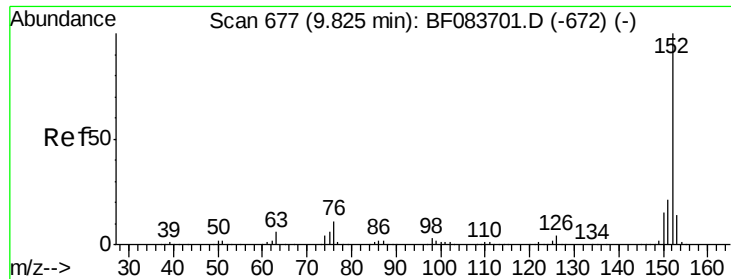
Tgt Ion: 162 Resp: 580839
Ion Ratio Lower Upper
162 100
127 38.4 31.0 46.4
164 33.7 27.4 41.0



#47
2-Nitroaniline
Concen: 36.17 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion: 65 Resp: 146510
Ion Ratio Lower Upper
65 100
92 69.7 49.6 74.4
138 98.1 64.1 96.1#





#48

Acenaphthylene

Concen: 34.50 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

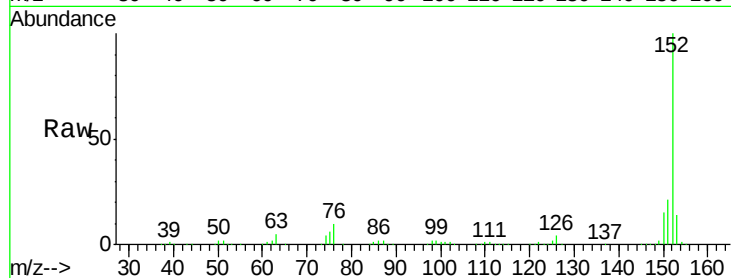
Tgt Ion:152 Resp: 938507

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

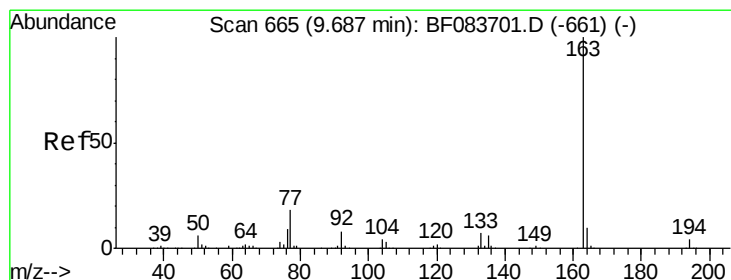
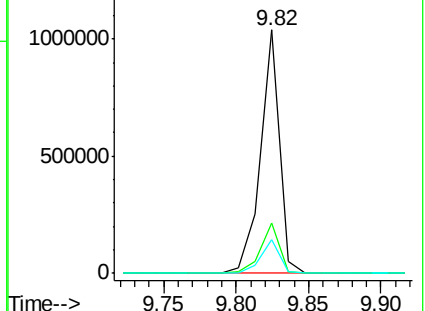
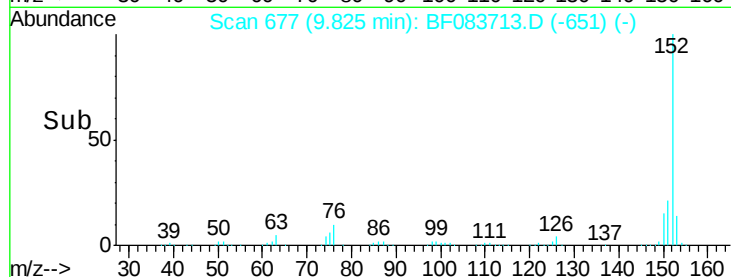
153 13.8 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 35.21 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

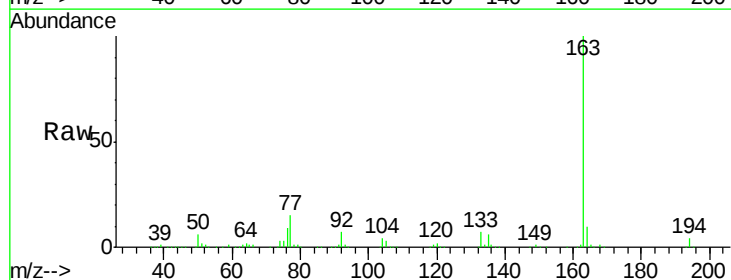
Tgt Ion:163 Resp: 680440

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

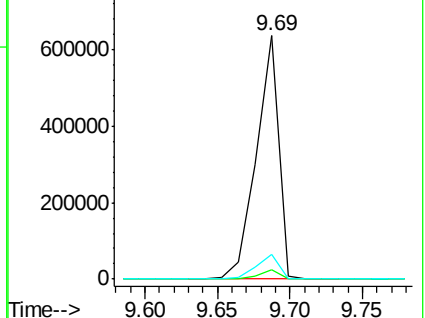
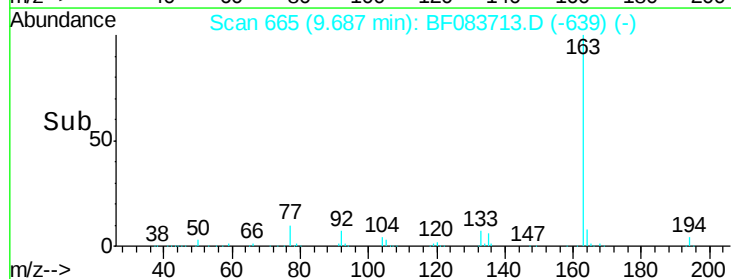
164 10.0 8.6 13.0

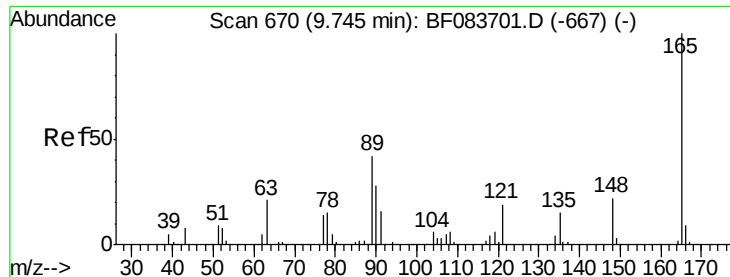


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

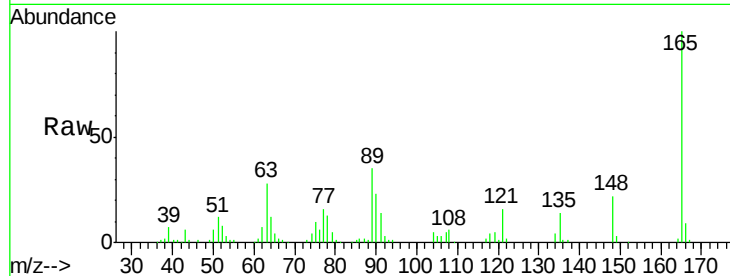




#50
2,6-Dinitrotoluene
Concen: 37.71 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Instrument :
BNA_F
ClientSampleId :
PB87230BS

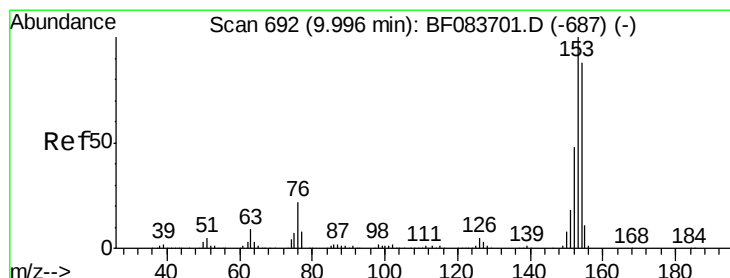
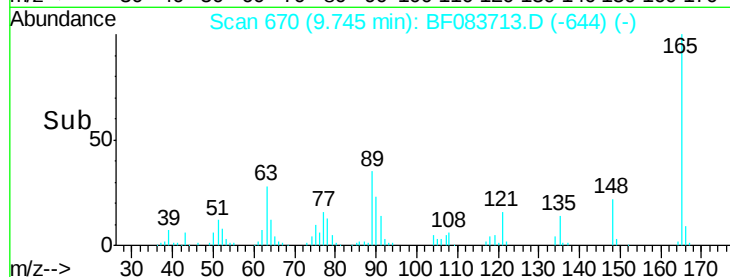
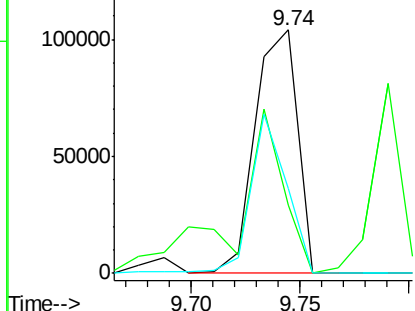
Tgt Ion	Ratio	Lower	Upper
165	100		
63	28.3	56.9	85.3#
89	34.7	52.1	78.1#



Abundance Ion 165.00 (164.70 to 165.70): E

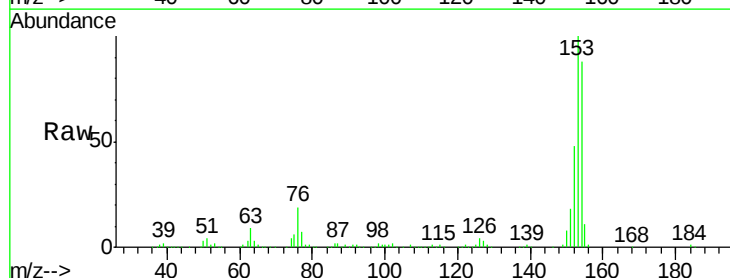
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51
Acenaphthene
Concen: 37.18 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

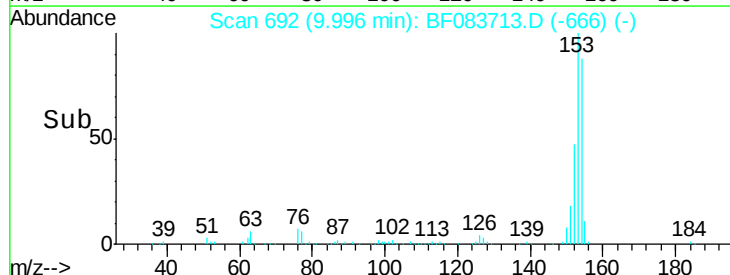
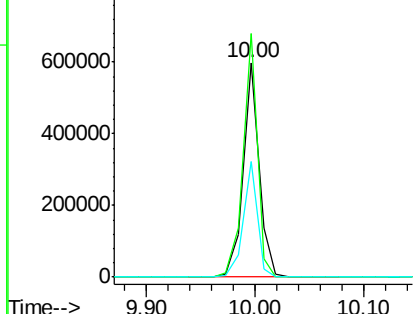
Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.4	137.0
152	54.2	43.4	65.2

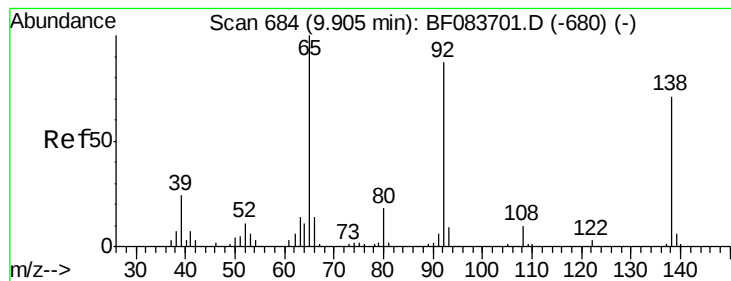


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 16.63 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

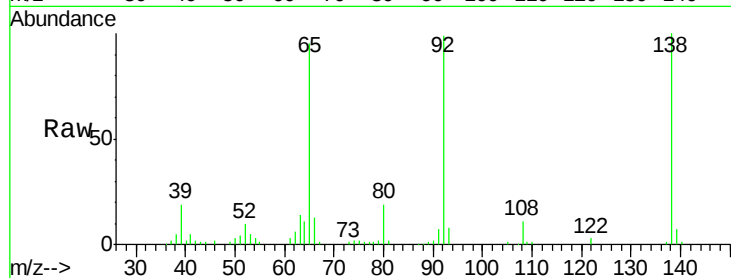
Tgt Ion:138 Resp: 69978

Ion Ratio Lower Upper

138 100

108 11.2 9.9 14.9

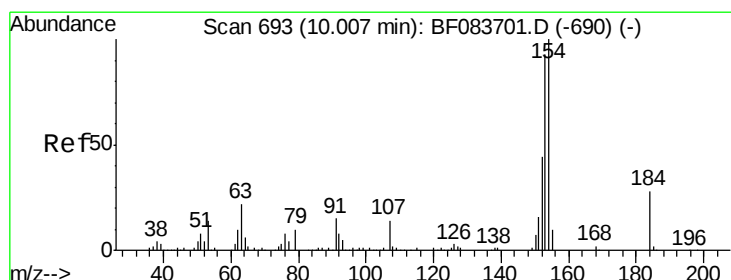
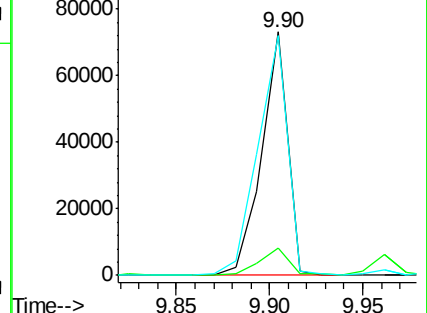
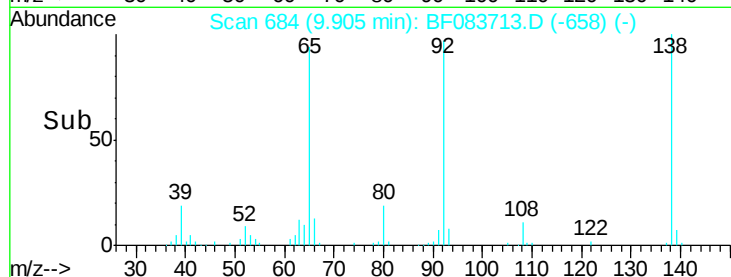
92 98.6 113.8 170.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#53

2,4-Dinitrophenol

Concen: 87.64 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

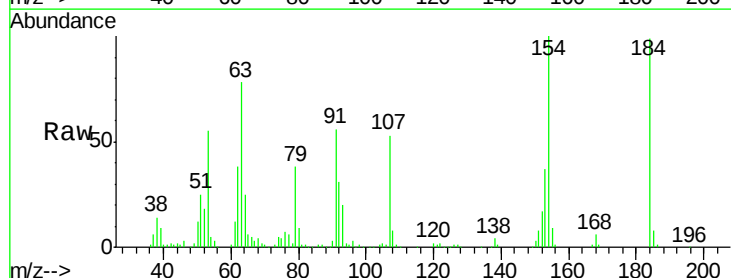
Tgt Ion:184 Resp: 109448

Ion Ratio Lower Upper

184 100

63 78.4 62.4 93.6

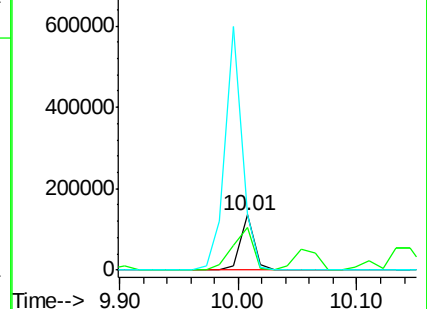
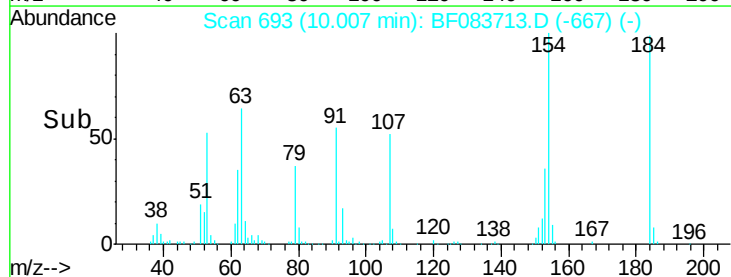
154 100.9 46.6 69.8#

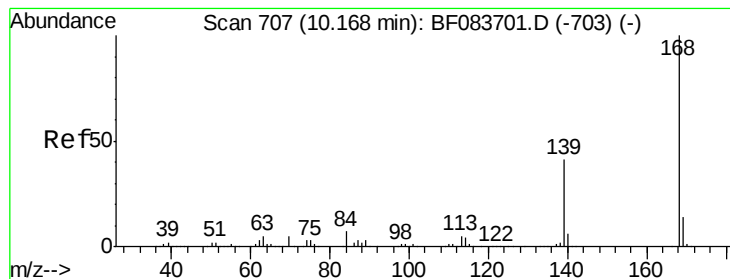


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 37.06 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

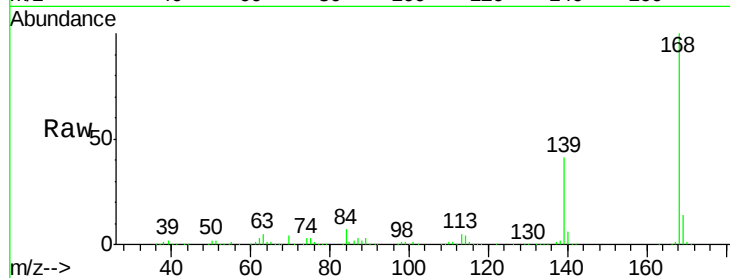
Tgt Ion:168 Resp: 794862

Ion Ratio Lower Upper

168 100

139 40.6 28.0 42.0

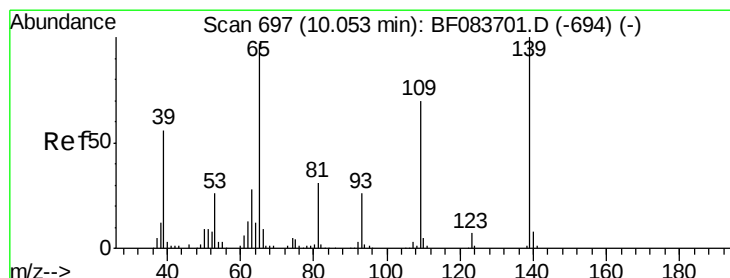
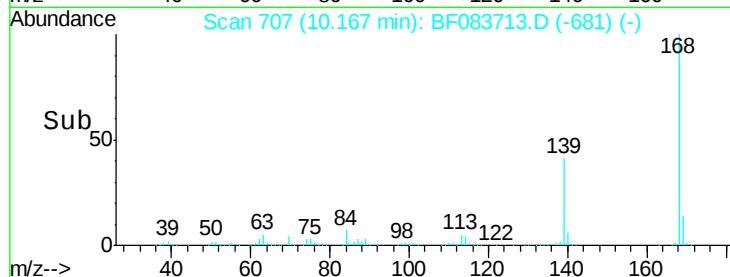
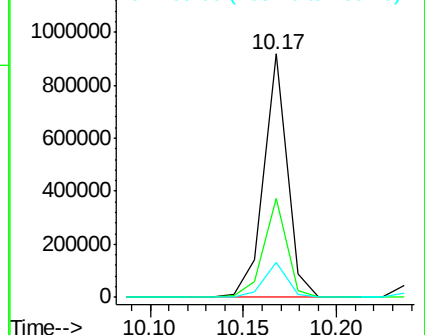
169 14.1 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 82.53 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.01 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

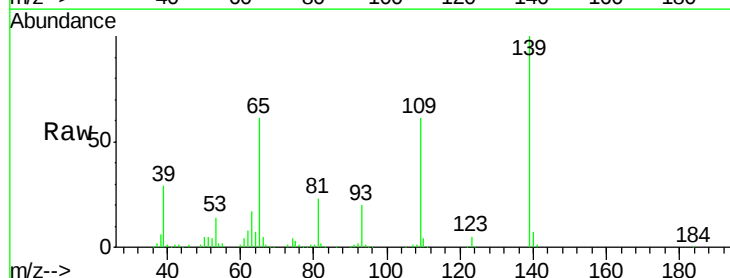
Tgt Ion:139 Resp: 295156

Ion Ratio Lower Upper

139 100

109 61.1 42.0 82.0

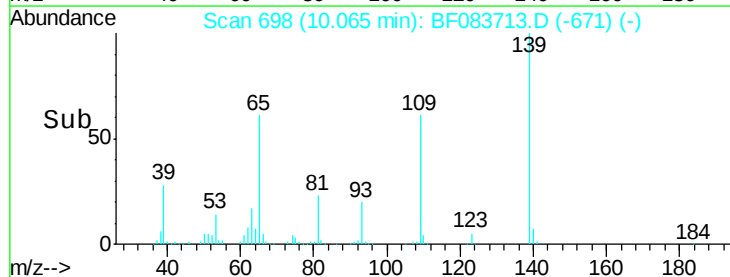
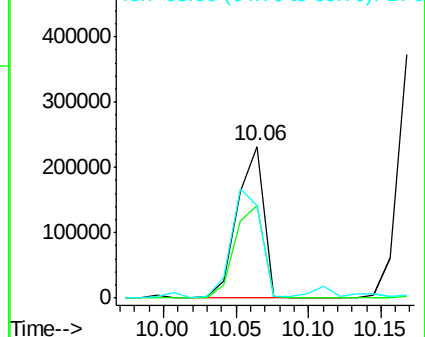
65 60.8 89.2 129.2#

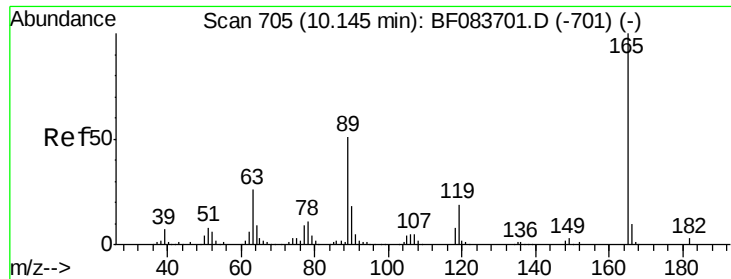


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

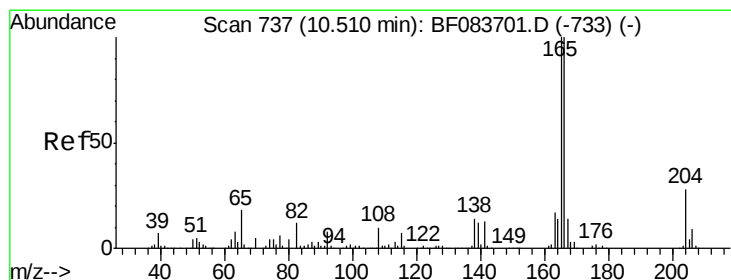
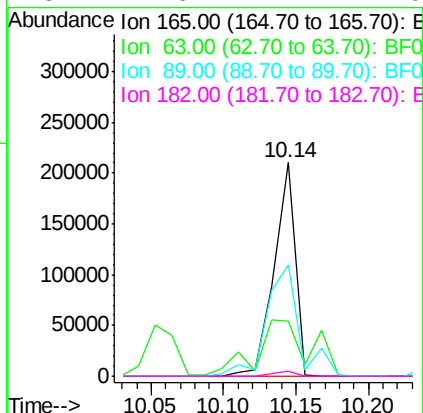
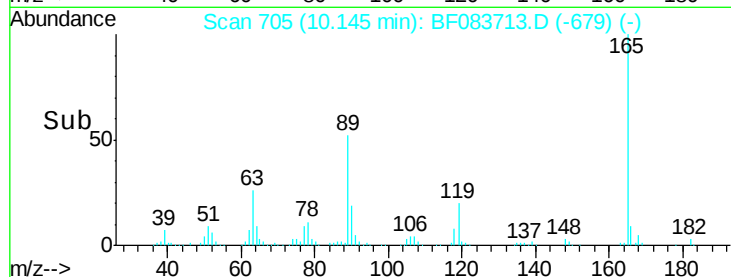
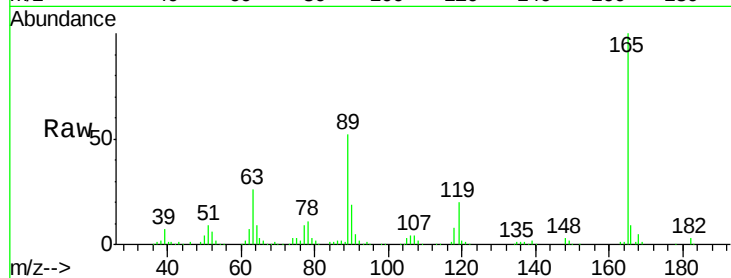




#56
2,4-Dinitrotoluene
Concen: 44.49 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

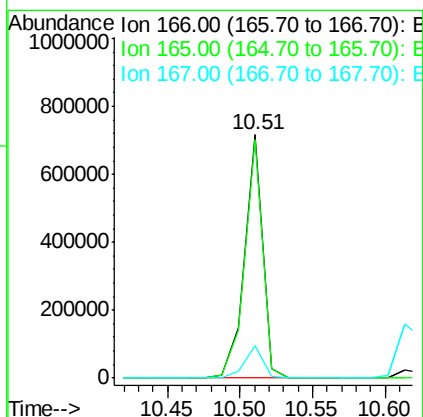
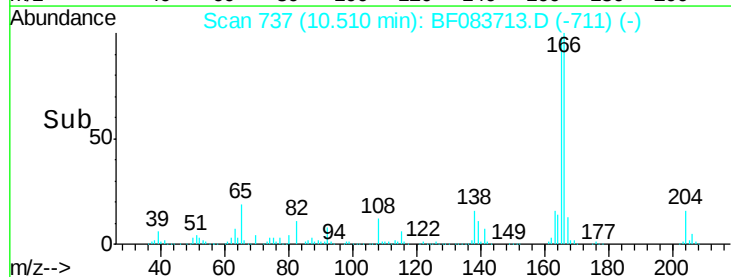
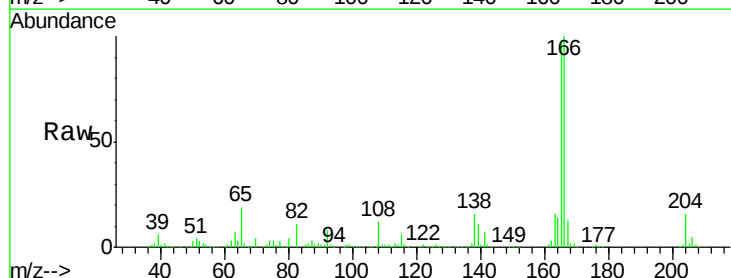
Instrument :
BNA_F
ClientSampleId :
PB87230BS

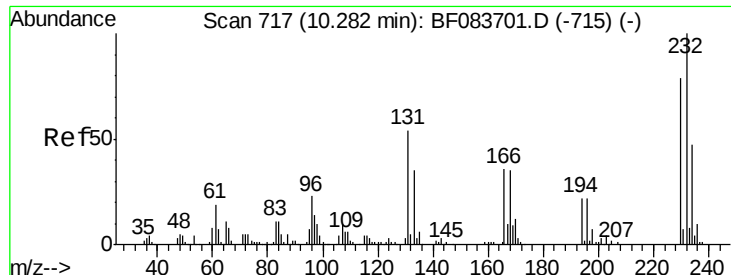
Tgt Ion:165 Resp: 212259
Ion Ratio Lower Upper
165 100
63 25.8 51.4 77.2#
89 52.4 72.6 108.8#
182 2.6 1.4 2.0#



#57
Fluorene
Concen: 36.28 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:166 Resp: 617682
Ion Ratio Lower Upper
166 100
165 97.8 80.0 120.0
167 13.2 10.6 16.0

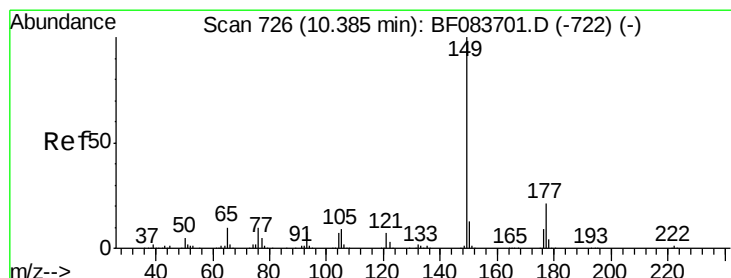
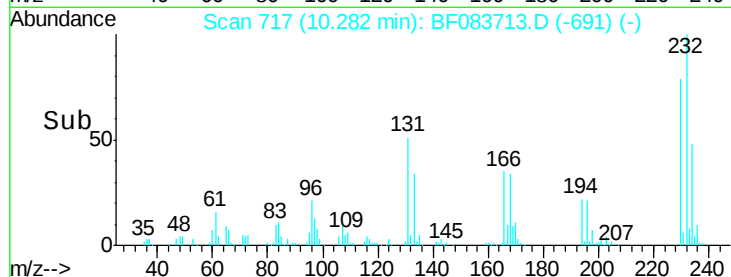
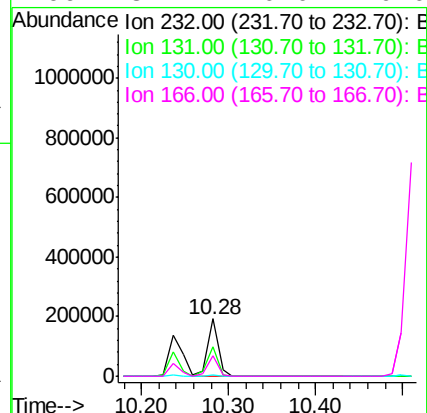
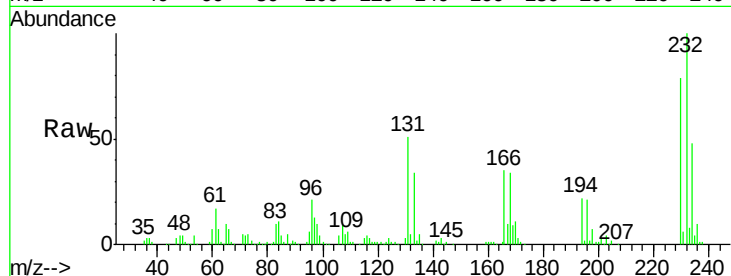




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.55 ng
 RT: 10.28 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF083713.D
 Acq: 11 Dec 2015 23:47

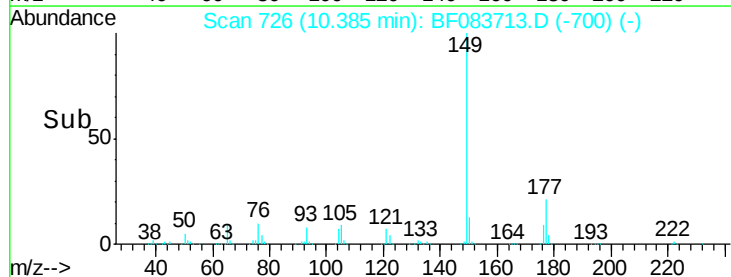
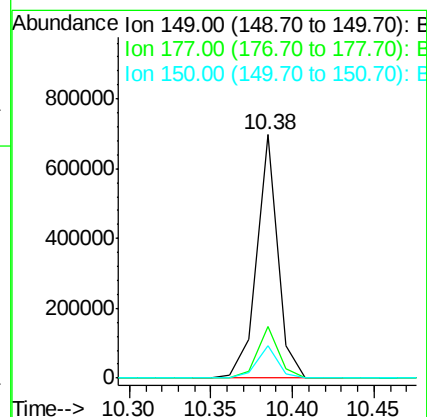
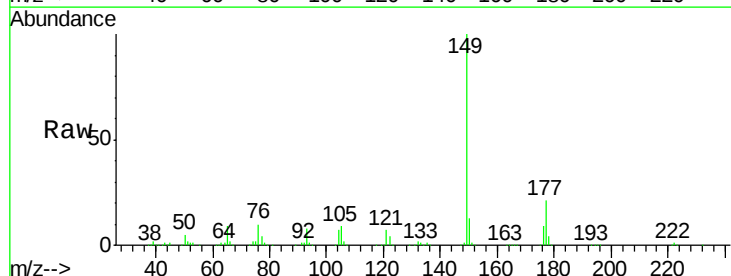
Instrument :
 BNA_F
 ClientSampled :
 PB87230BS

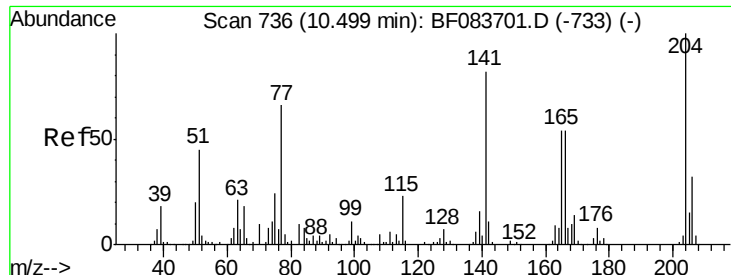
Tgt Ion: 232 Resp: 163272
 Ion Ratio Lower Upper
 232 100
 131 50.8 0.0 0.0#
 130 2.7 0.0 0.0#
 166 34.1 0.0 0.0#



#59
 Diethylphthalate
 Concen: 34.56 ng
 RT: 10.38 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BF083713.D
 Acq: 11 Dec 2015 23:47

Tgt Ion: 149 Resp: 625827
 Ion Ratio Lower Upper
 149 100
 177 21.3 16.9 25.3
 150 13.1 10.2 15.4

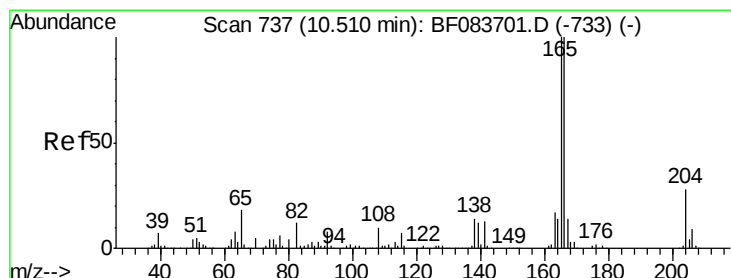
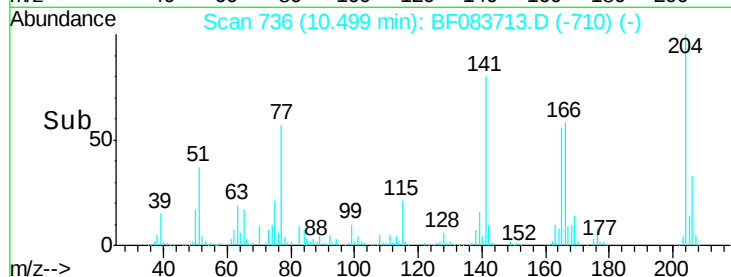
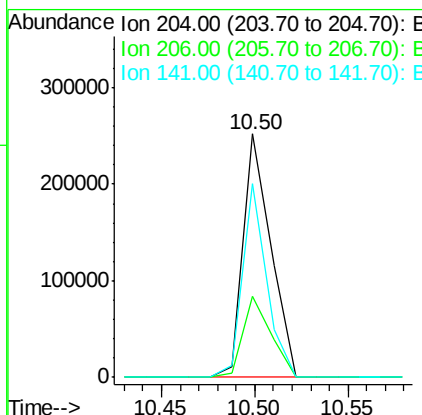
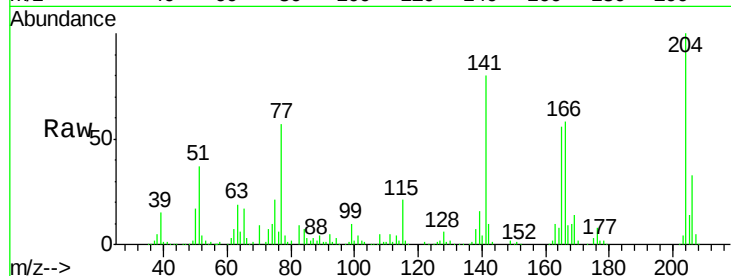




#60
4-Chlorophenyl-phenylether
Concen: 32.11 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

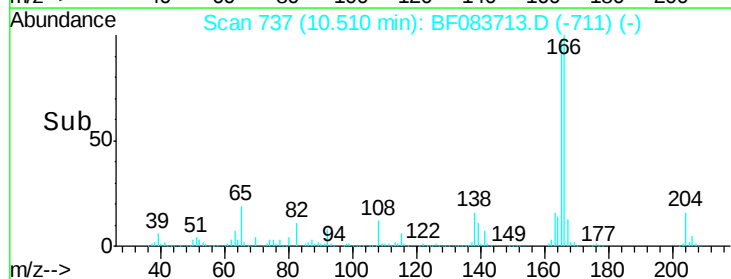
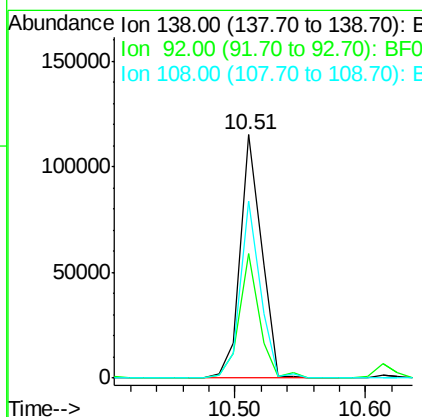
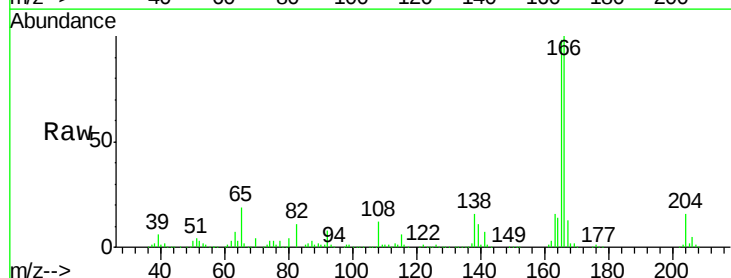
Instrument :
BNA_F
ClientSampleId :
PB87230BS

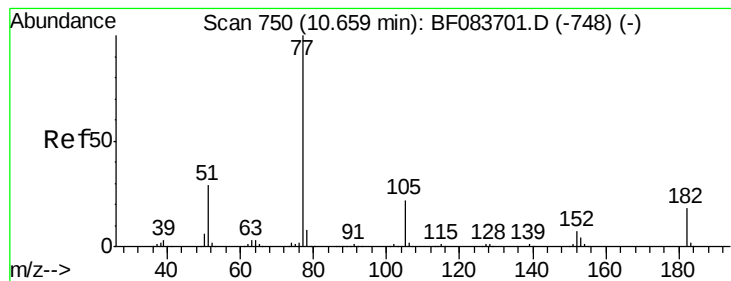
Tgt Ion:204 Resp: 260802
Ion Ratio Lower Upper
204 100
206 33.3 27.3 40.9
141 79.6 51.9 77.9#



#61
4-Nitroaniline
Concen: 33.12 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:138 Resp: 129188
Ion Ratio Lower Upper
138 100
92 51.3 29.0 69.0
108 72.7 47.4 87.4





#62

Azobenzene

Concen: 34.54 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB7230BS

Tgt Ion: 77 Resp: 595545

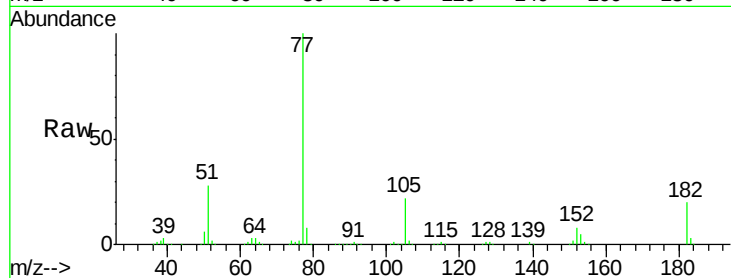
Ion Ratio Lower Upper

77 100

182 19.5 2.5 42.5

105 22.3 2.1 42.1

51 28.2 9.3 49.3

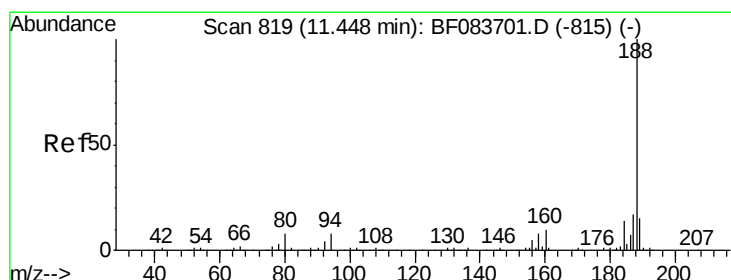
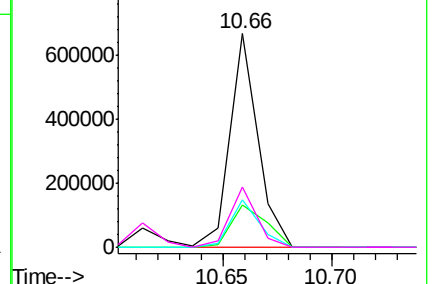
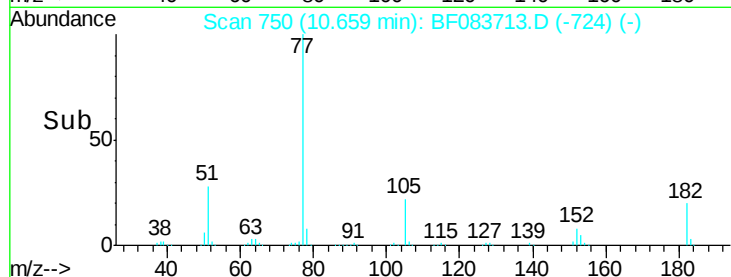


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

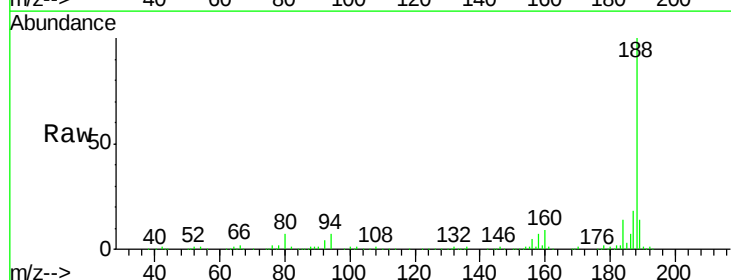
Tgt Ion: 188 Resp: 475216

Ion Ratio Lower Upper

188 100

94 6.6 9.4 14.2#

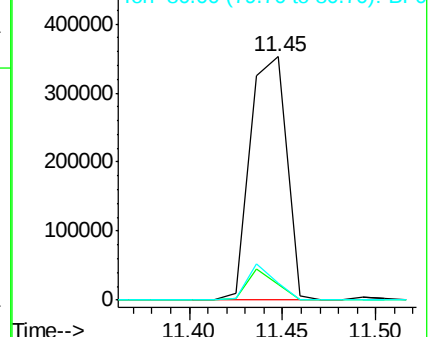
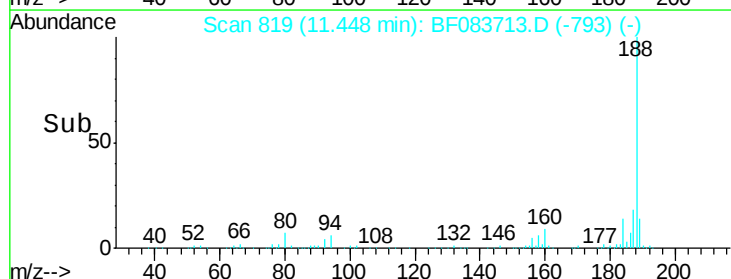
80 7.0 10.6 16.0#

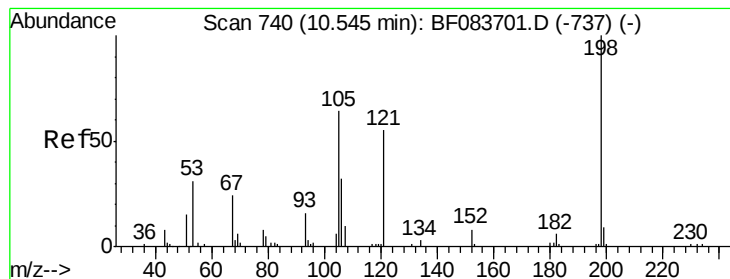


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 43.39 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

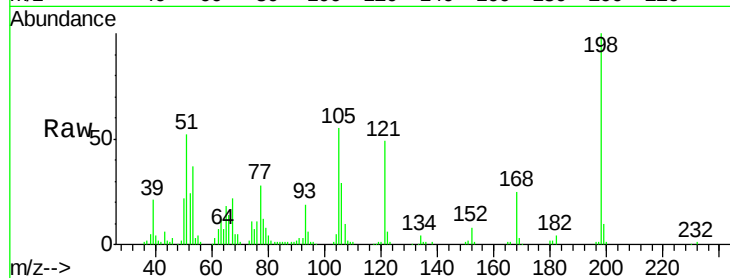
Tgt Ion:198 Resp: 82928

Ion Ratio Lower Upper

198 100

51 51.7 53.8 93.8#

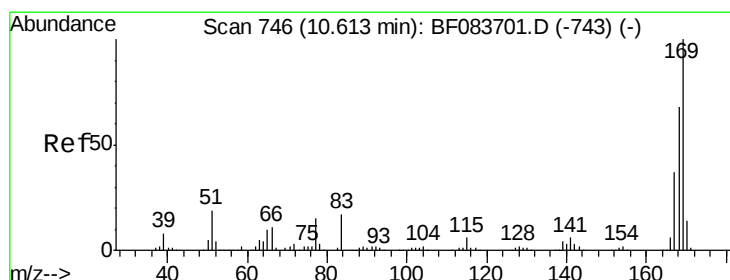
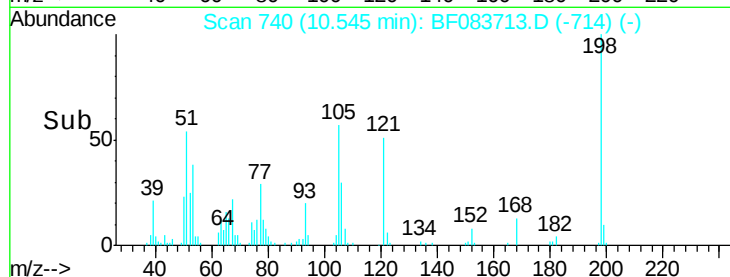
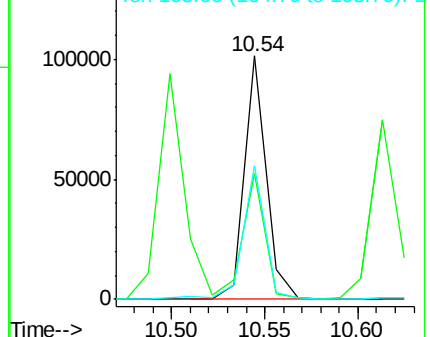
105 54.7 38.6 78.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 34.41 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

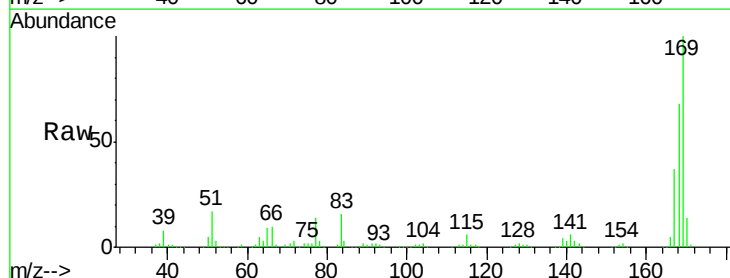
Tgt Ion:169 Resp: 542771

Ion Ratio Lower Upper

169 100

168 67.8 53.0 79.6

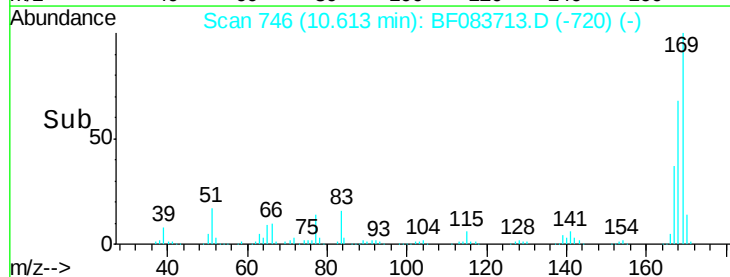
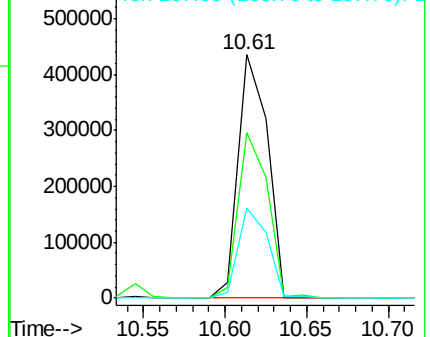
167 37.0 29.3 43.9

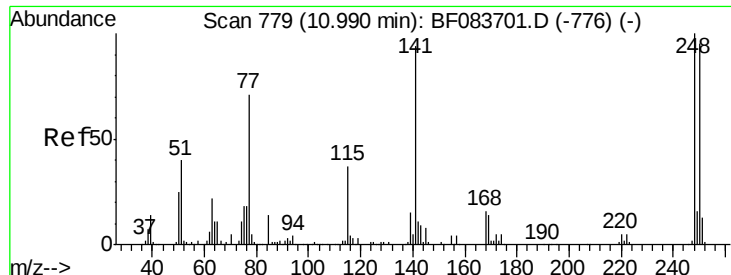


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

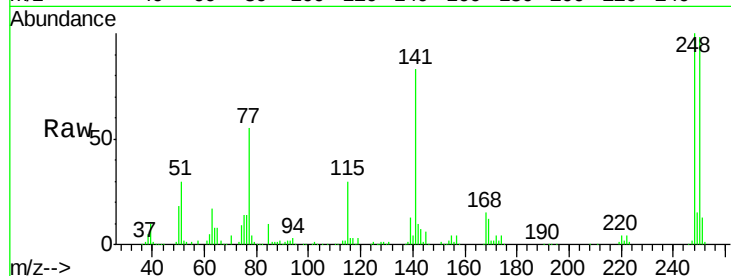




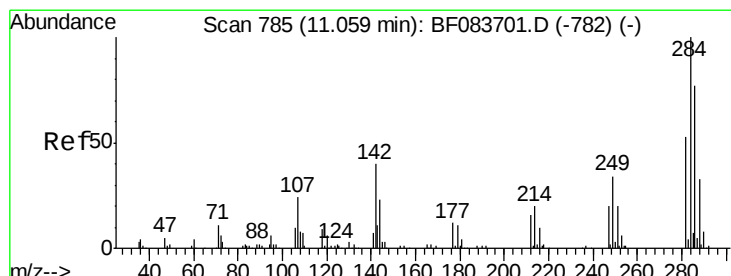
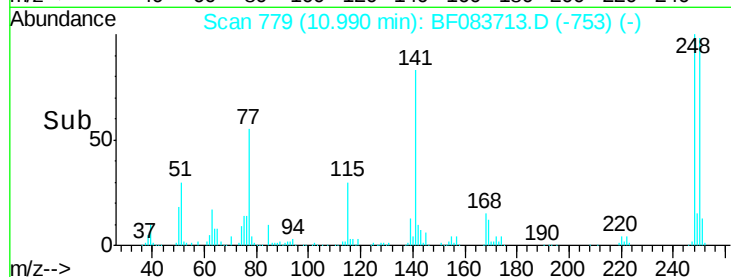
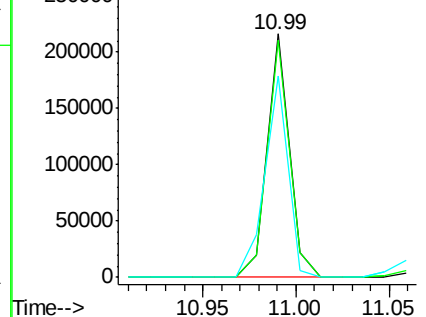
#66
 4-Bromophenyl-phenylether
 Concen: 34.93 ng
 RT: 10.99 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF083713.D
 Acq: 11 Dec 2015 23:47

Instrument :
 BNA_F
 ClientSampleId :
 PB87230BS

Tgt Ion:248 Resp: 177424
 Ion Ratio Lower Upper
 248 100
 250 97.7 79.2 118.8
 141 82.9 58.2 87.4

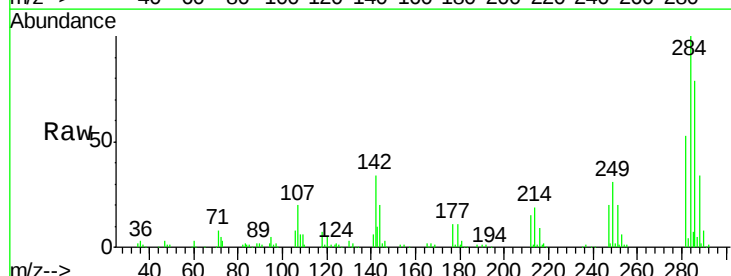


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

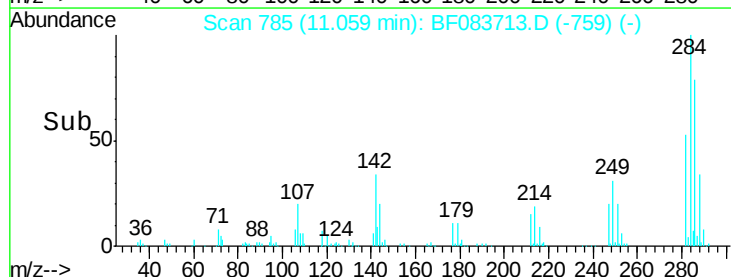
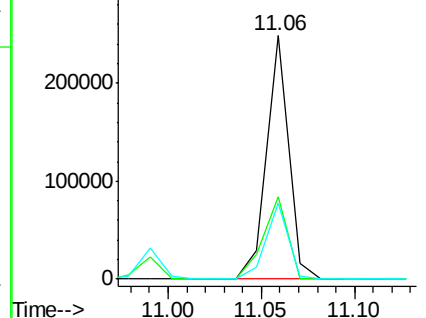


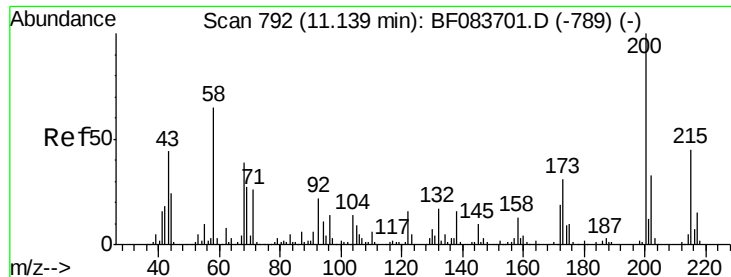
#67
 Hexachlorobenzene
 Concen: 36.63 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF083713.D
 Acq: 11 Dec 2015 23:47

Tgt Ion:284 Resp: 202680
 Ion Ratio Lower Upper
 284 100
 142 33.8 31.0 46.4
 249 31.3 26.9 40.3



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

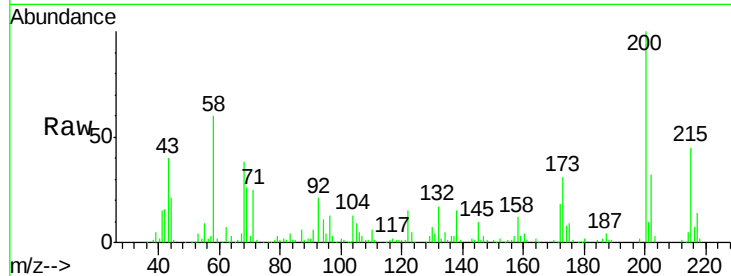




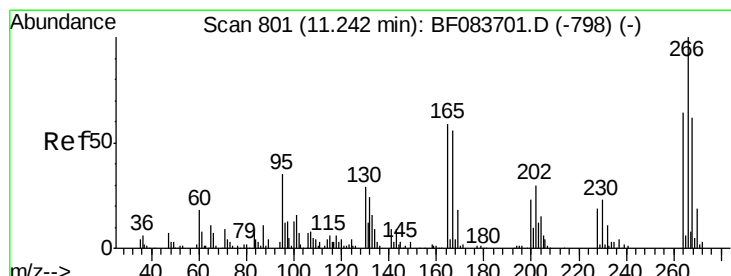
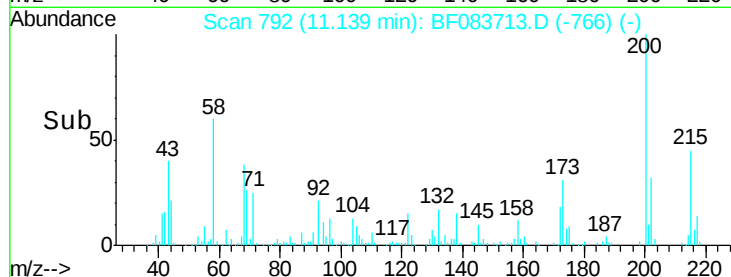
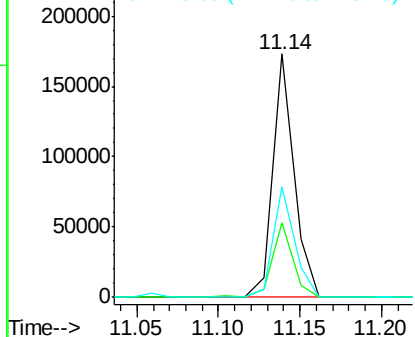
#68
 Atrazine
 Concen: 34.90 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF083713.D
 Acq: 11 Dec 2015 23:47

Instrument :
 BNA_F
 ClientSampleId :
 PB87230BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.6	7.8	47.8
215	45.3	25.7	65.7

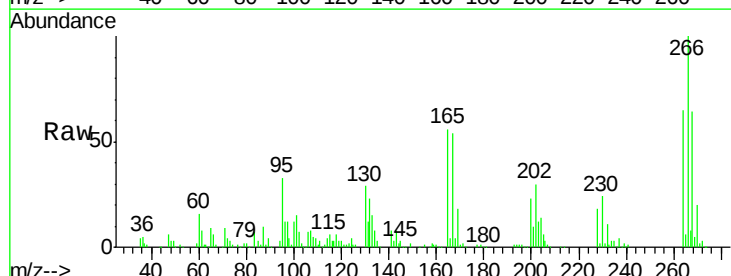


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

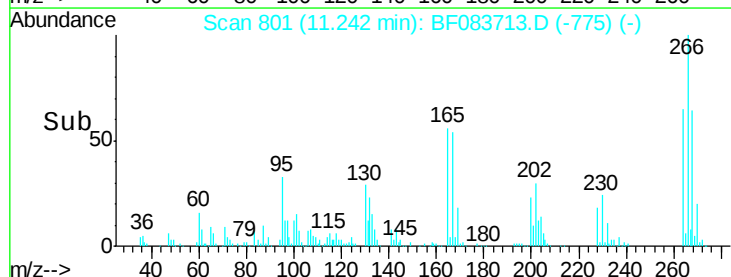
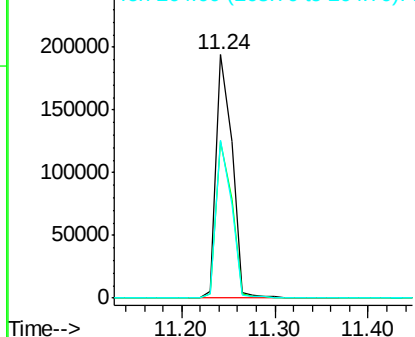


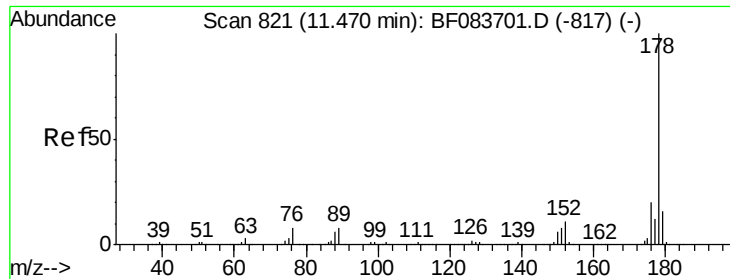
#69
 Pentachlorophenol
 Concen: 74.34 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF083713.D
 Acq: 11 Dec 2015 23:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.2	75.2
264	64.7	51.4	77.2



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

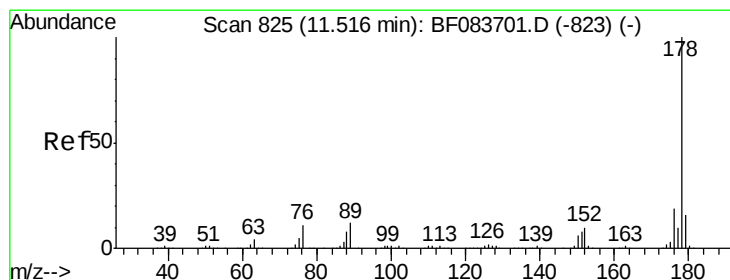
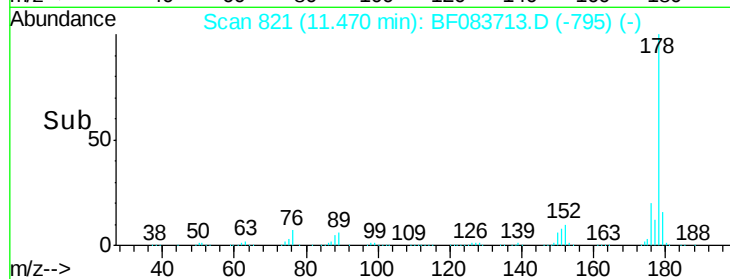
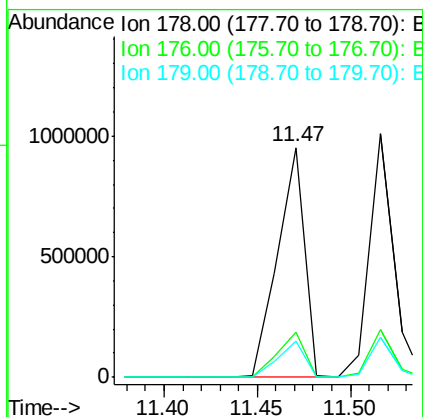
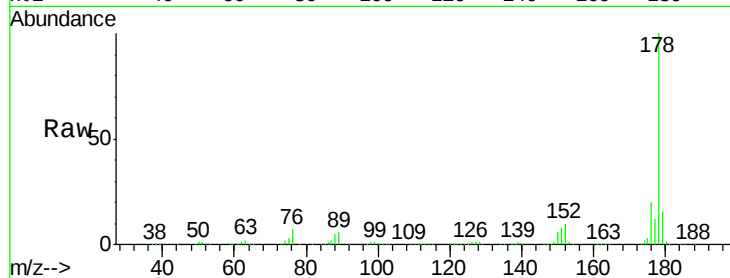




#70
Phenanthrene
Concen: 37.10 ng
RT: 11.47 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

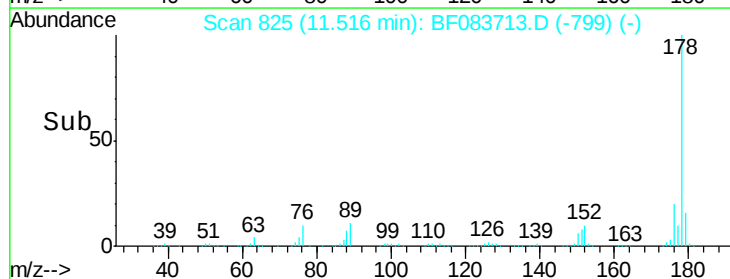
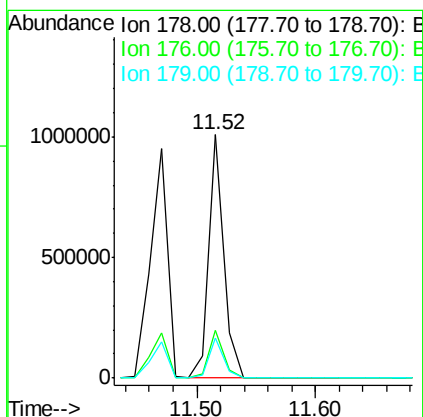
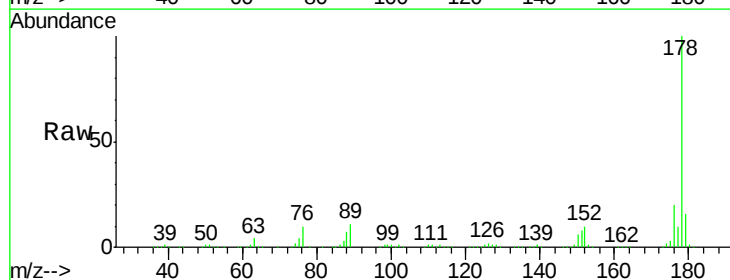
Instrument :
BNA_F
ClientSampleId :
PB87230BS

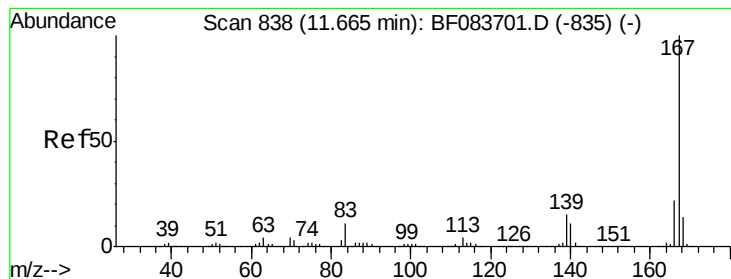
Tgt Ion:178 Resp: 962429
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.6 12.2 18.4



#71
Anthracene
Concen: 33.09 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:178 Resp: 886093
Ion Ratio Lower Upper
178 100
176 19.6 15.2 22.8
179 16.3 12.6 18.8





#72

Carbazole

Concen: 33.32 ng

RT: 11.66 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

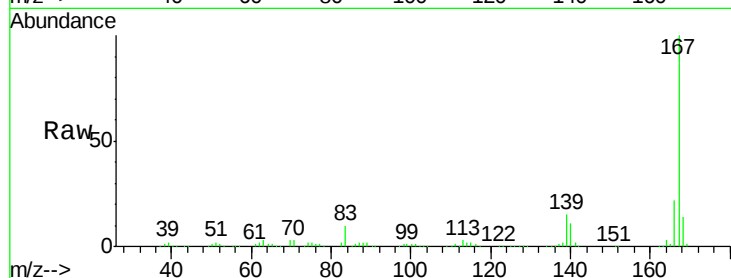
Tgt Ion:167 Resp: 819231

Ion Ratio Lower Upper

167 100

166 22.4 17.2 25.8

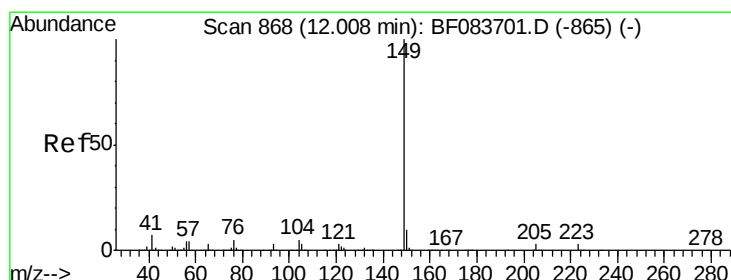
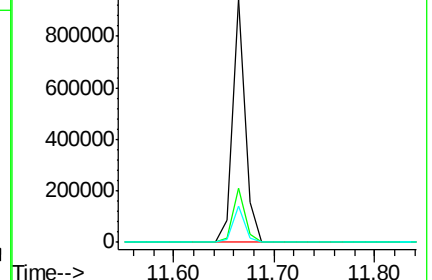
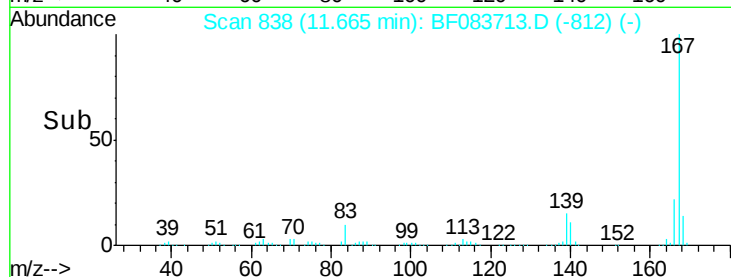
139 14.6 9.3 13.9#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 36.64 ng

RT: 12.01 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

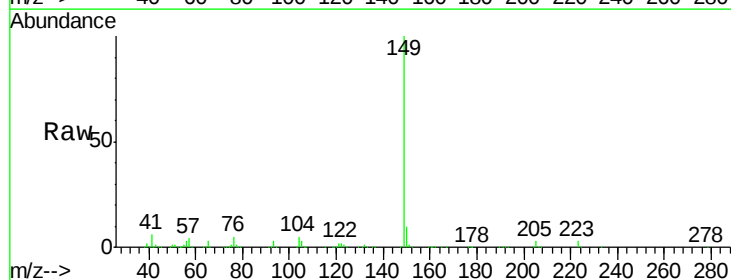
Tgt Ion:149 Resp: 981613

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

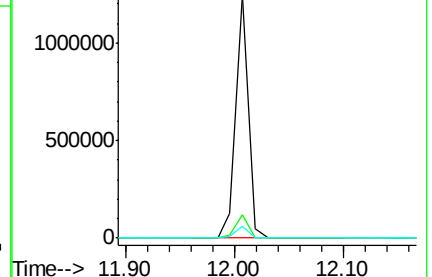
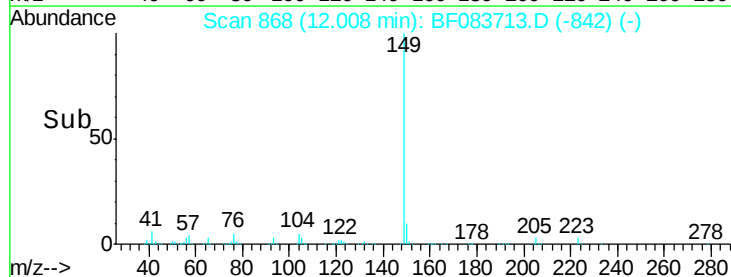
104 4.9 3.9 5.9

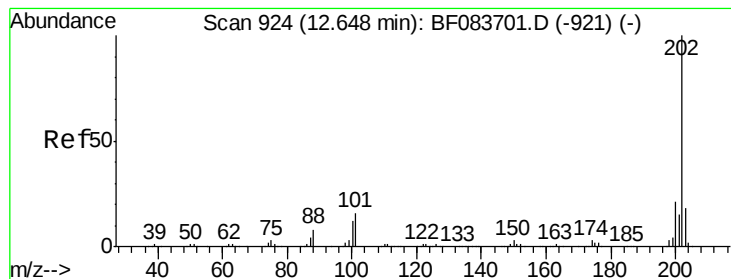


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 33.42 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

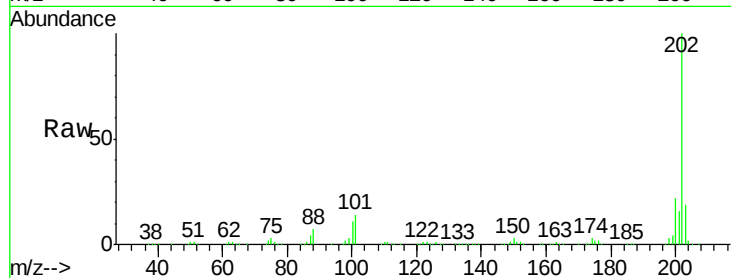
Tgt Ion:202 Resp: 907119

Ion Ratio Lower Upper

202 100

101 14.5 0.0 31.5

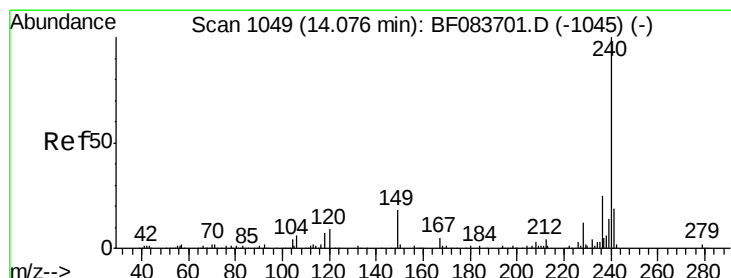
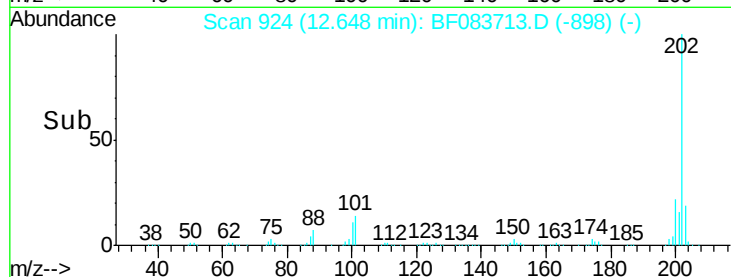
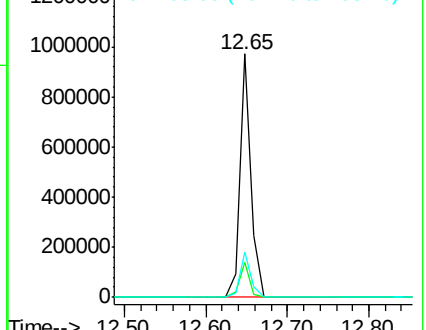
203 18.6 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

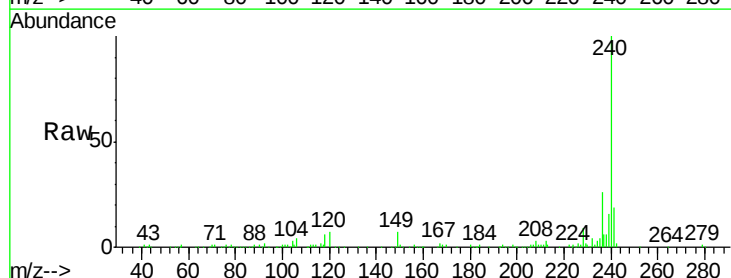
Tgt Ion:240 Resp: 321044

Ion Ratio Lower Upper

240 100

120 6.7 8.1 12.1#

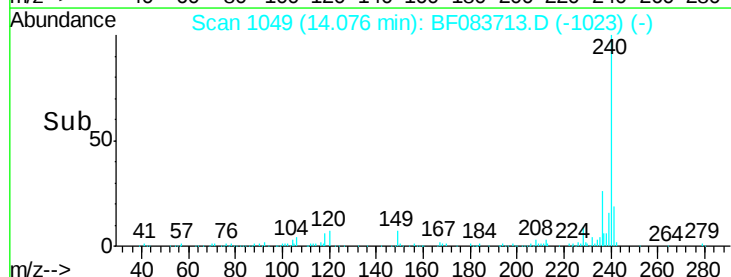
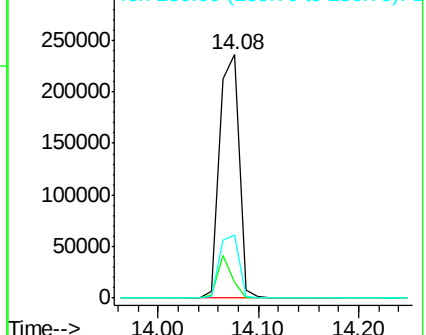
236 26.2 20.8 31.2

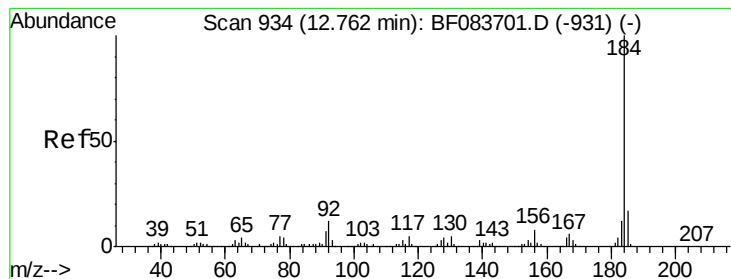


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 17.58 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

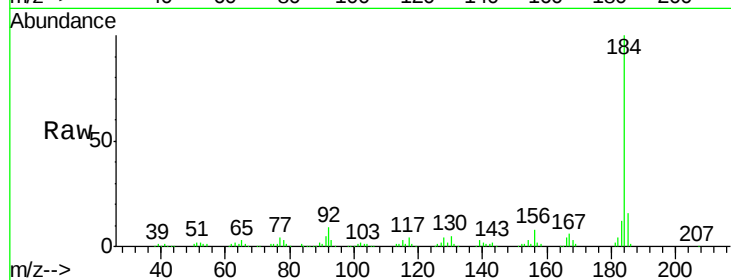
Tgt Ion:184 Resp: 217563

Ion Ratio Lower Upper

184 100

185 16.1 13.0 19.6

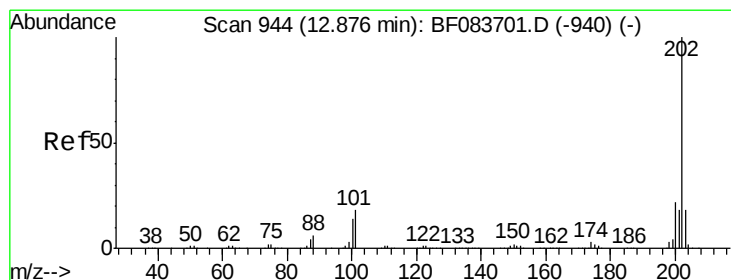
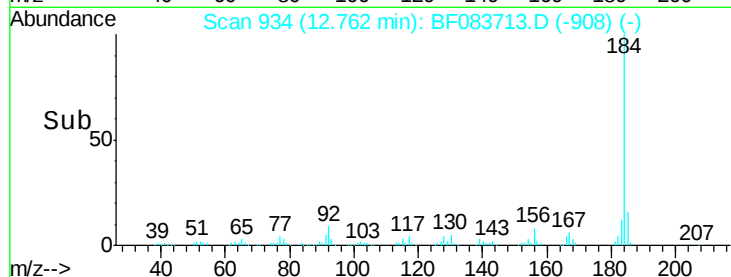
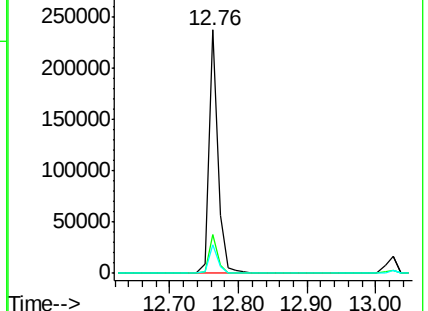
183 11.9 9.0 13.4



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: 37.61 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

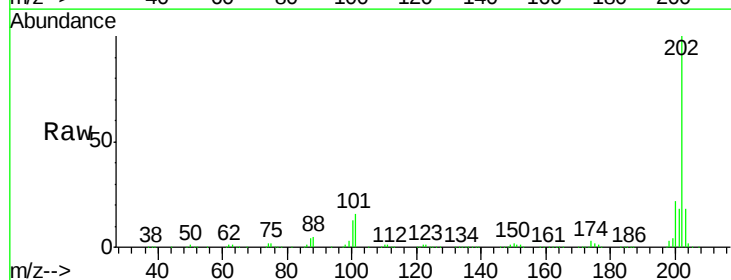
Tgt Ion:202 Resp: 952143

Ion Ratio Lower Upper

202 100

200 22.0 16.7 25.1

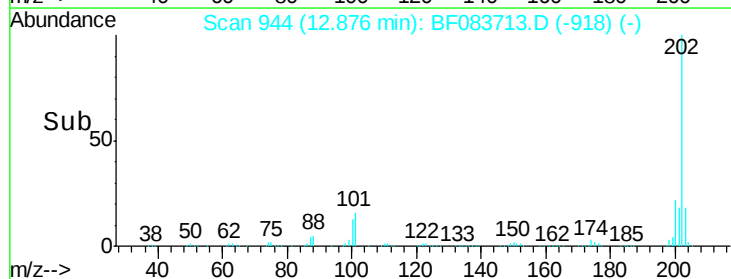
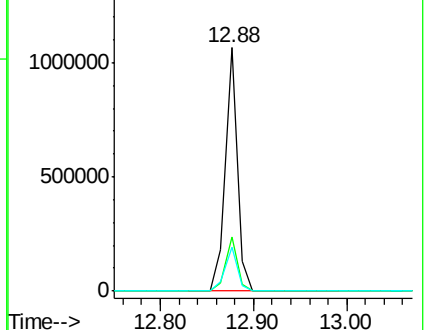
203 18.3 14.3 21.5

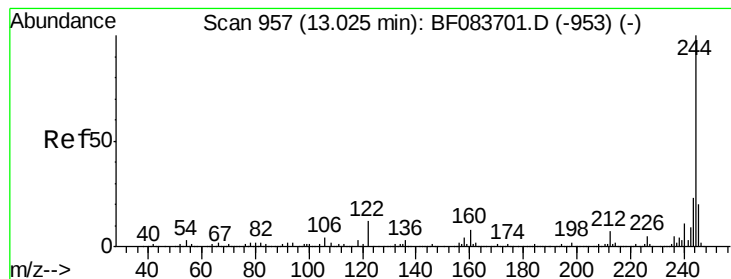


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 81.44 ng

RT: 13.02 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

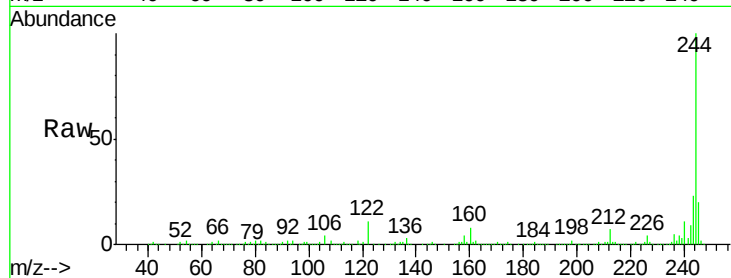
Tgt Ion:244 Resp: 1164281

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

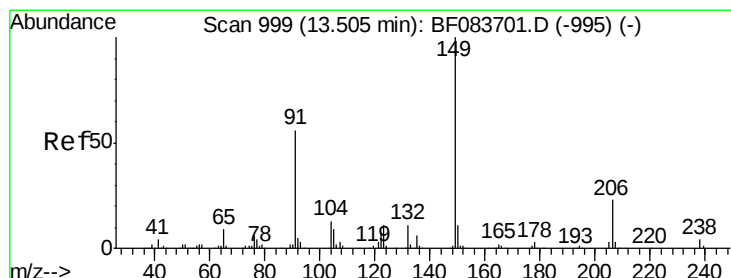
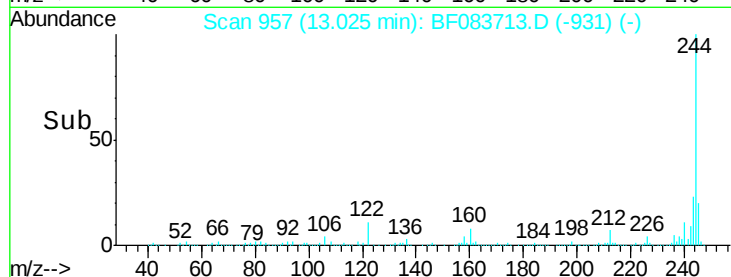
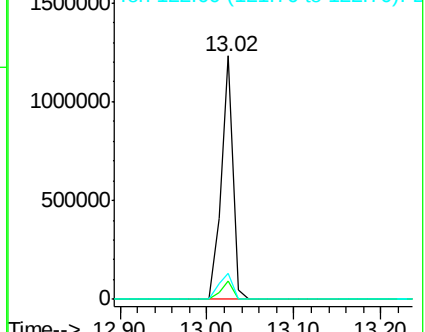
122 10.9 11.0 16.6#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 42.23 ng

RT: 13.49 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

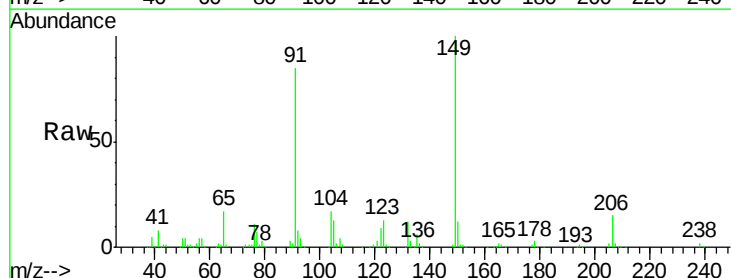
Tgt Ion:149 Resp: 342721

Ion Ratio Lower Upper

149 100

91 84.7 60.0 90.0

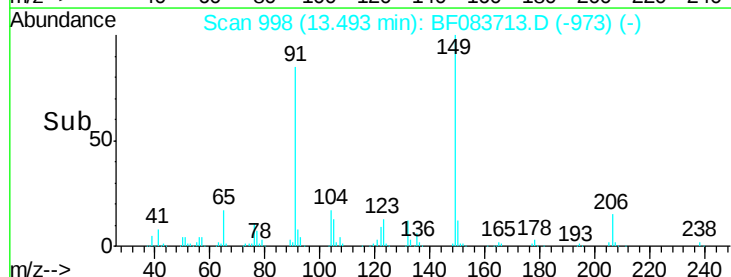
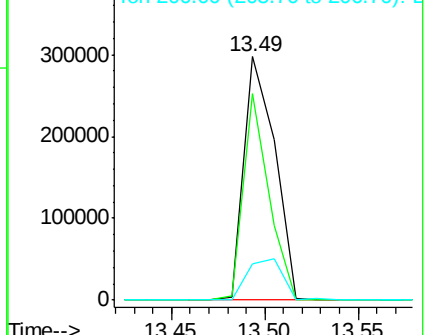
206 14.9 16.2 24.4#

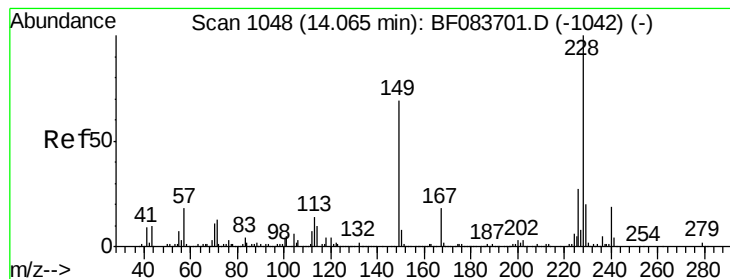


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 37.95 ng

RT: 14.06 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

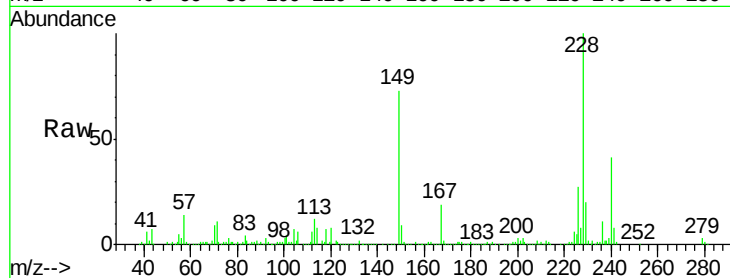
Tgt Ion:228 Resp: 713896

Ion Ratio Lower Upper

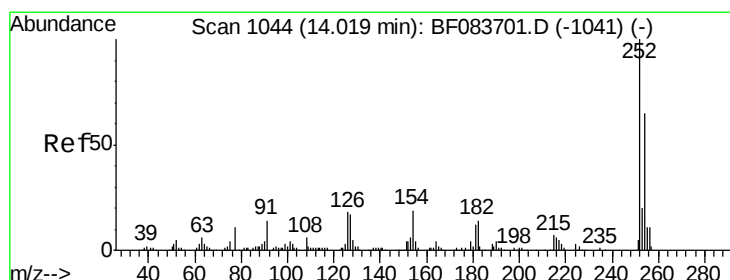
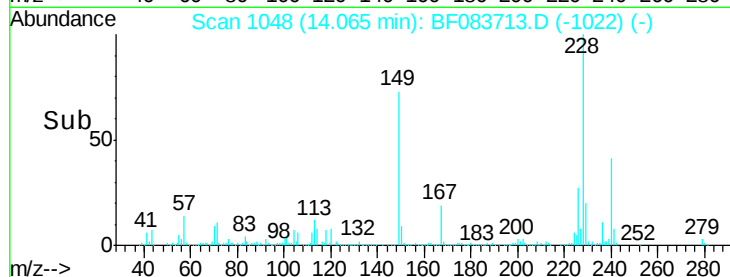
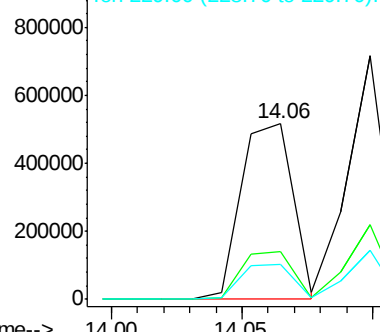
228 100

226 27.4 22.3 33.5

229 19.6 15.7 23.5



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



#81

3,3'-Dichlorobenzidine

Concen: 17.85 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

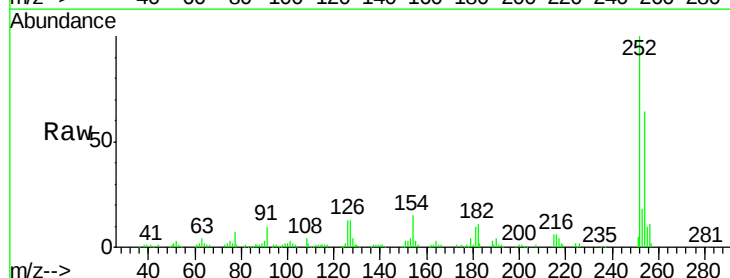
Tgt Ion:252 Resp: 106736

Ion Ratio Lower Upper

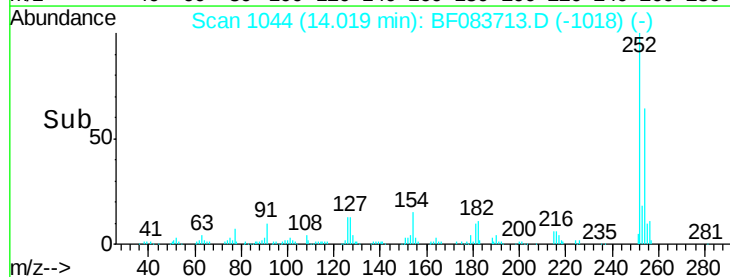
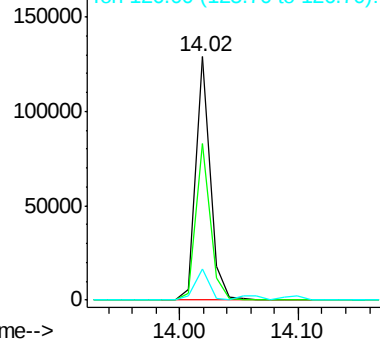
252 100

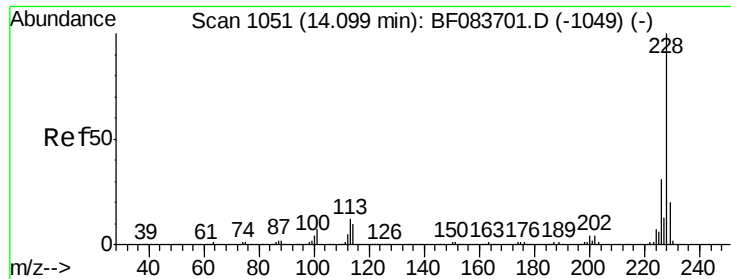
254 64.5 50.6 76.0

126 13.0 11.0 16.4



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





#82

Chrysene

Concen: 38.69 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

Instrument :

BNA_F

ClientSampleId :

PB87230BS

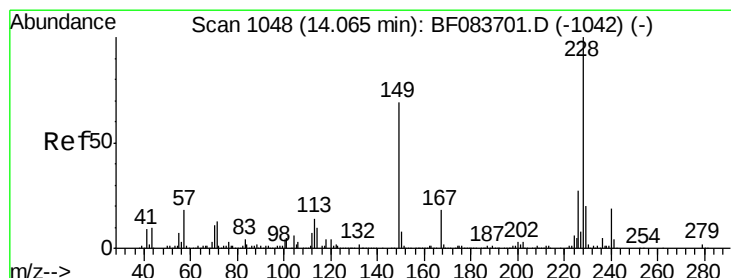
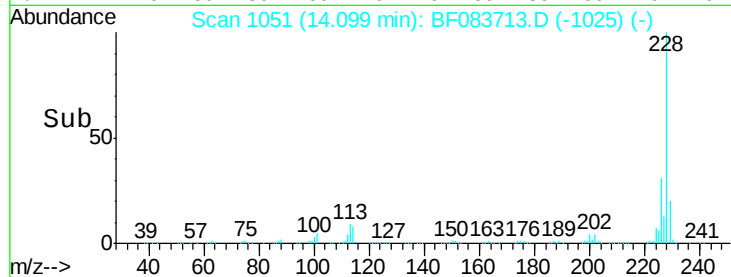
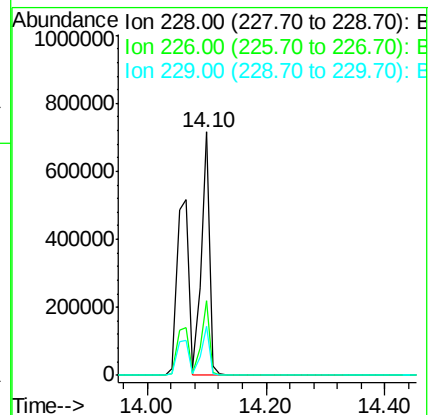
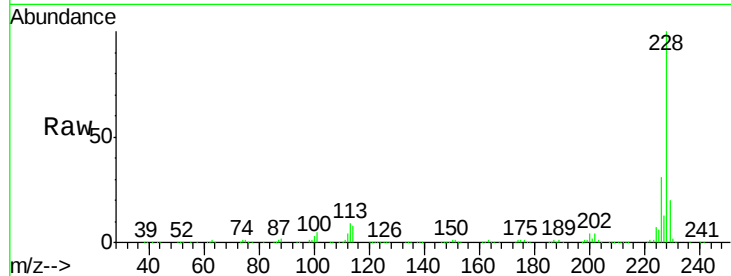
Tgt Ion:228 Resp: 699896

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

229 20.0 16.3 24.5



#83

Bis(2-ethylhexyl)phthalate

Concen: 40.51 ng

RT: 14.06 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF083713.D

Acq: 11 Dec 2015 23:47

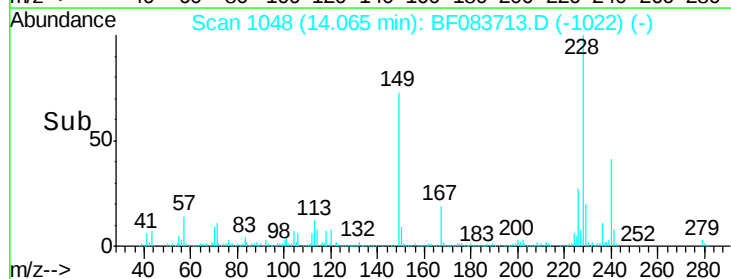
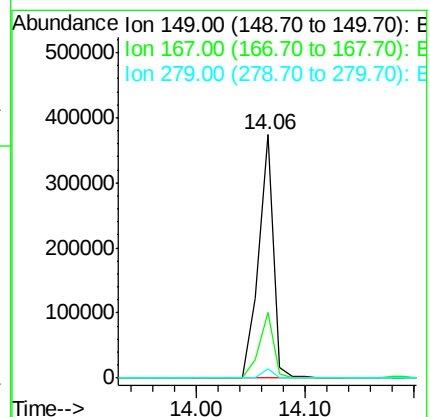
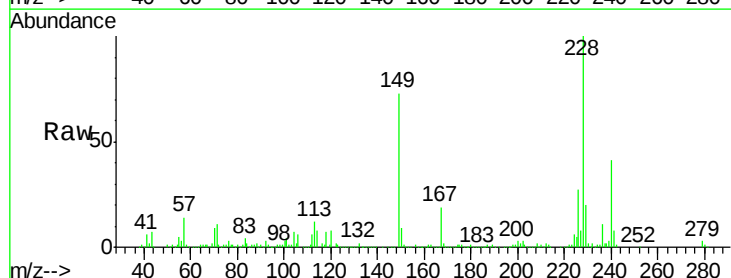
Tgt Ion:149 Resp: 355616

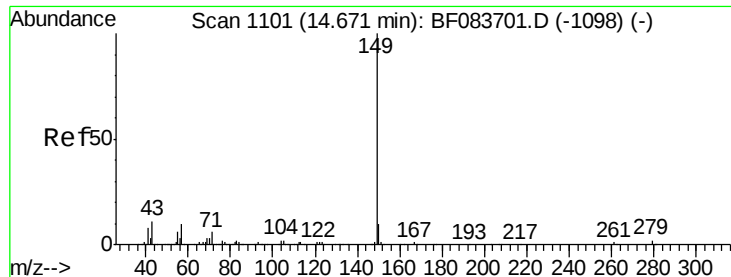
Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.8

279 4.1 3.0 4.4

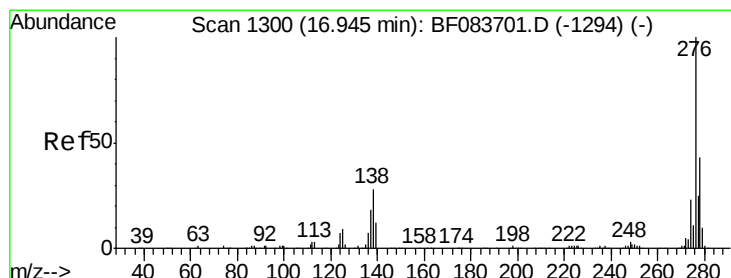
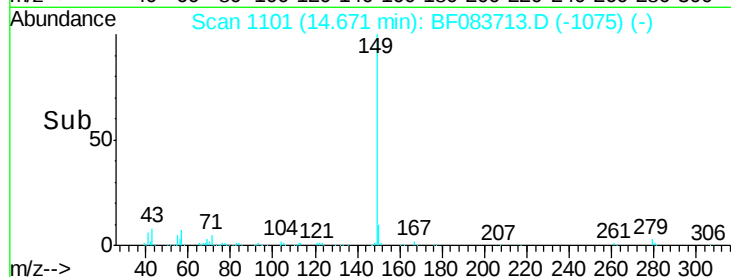
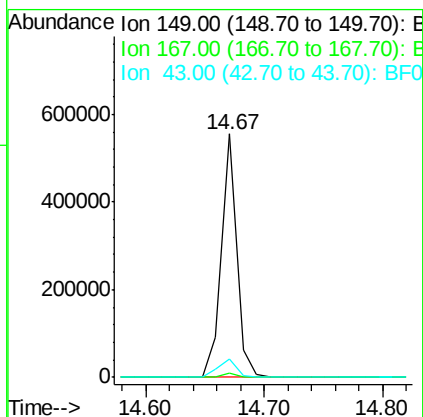
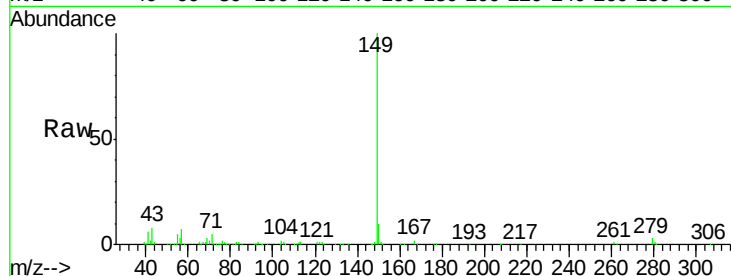




#84
Di-n-octyl phthalate
Concen: 37.12 ng
RT: 14.67 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

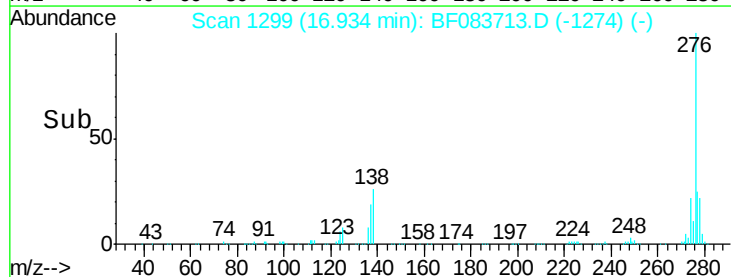
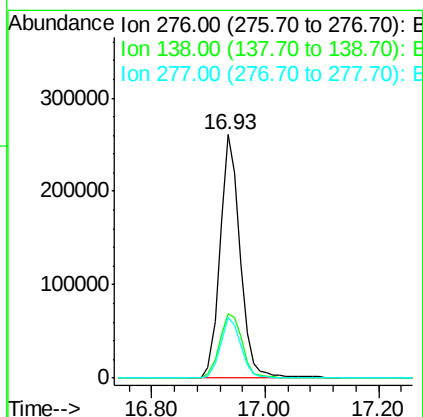
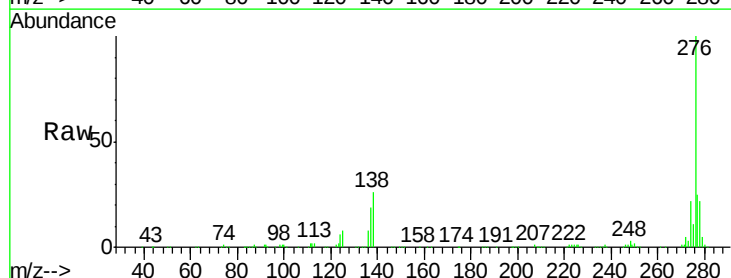
Instrument :
BNA_F
ClientSampleId :
PB87230BS

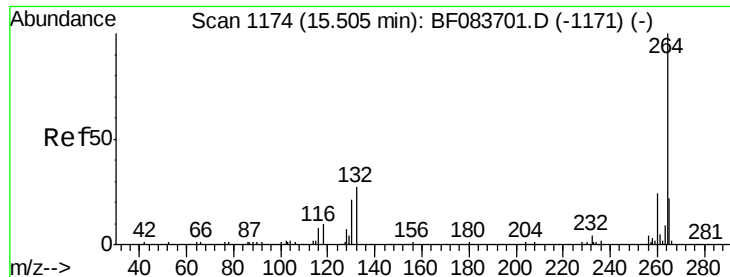
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	9.0	0.0	0.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 33.84 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.9	0.0	0.0#
277	25.6	0.0	0.0#

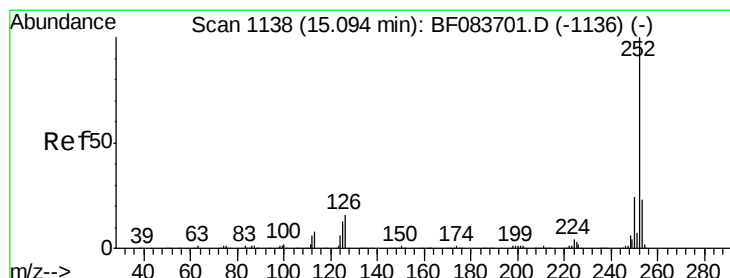
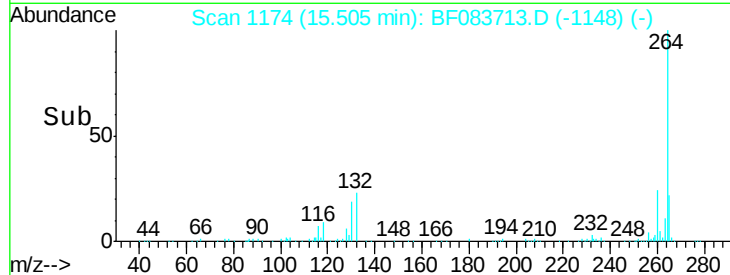
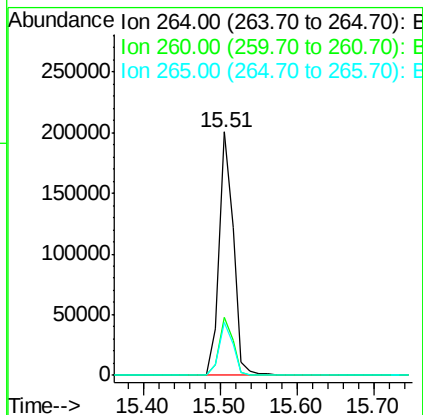
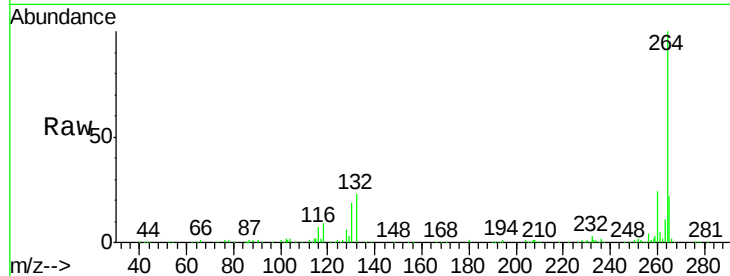




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

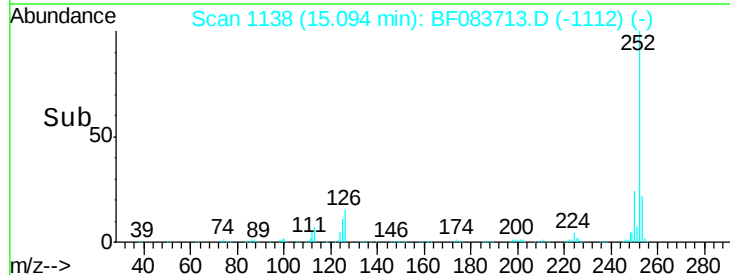
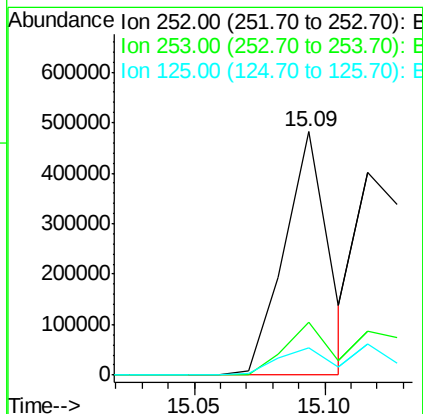
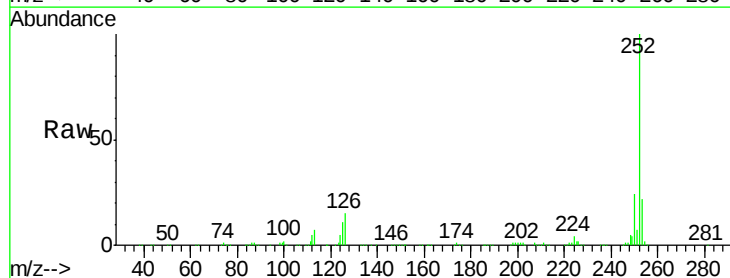
Instrument :
BNA_F
ClientSampled :
PB87230BS

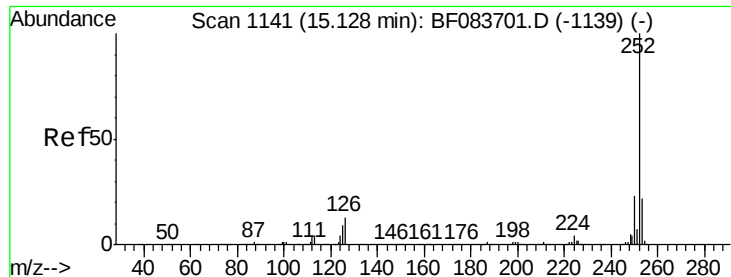
Tgt Ion:264 Resp: 262469
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.0
265 21.7 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 34.49 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:252 Resp: 562628
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 11.0 8.2 12.4

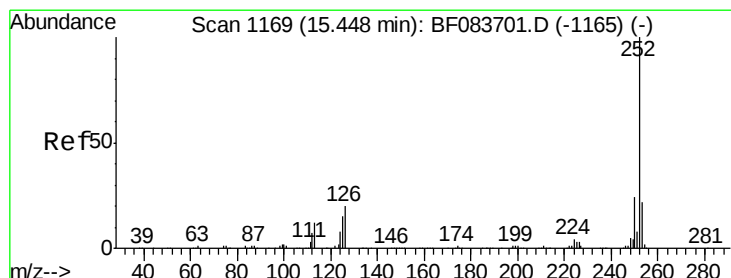
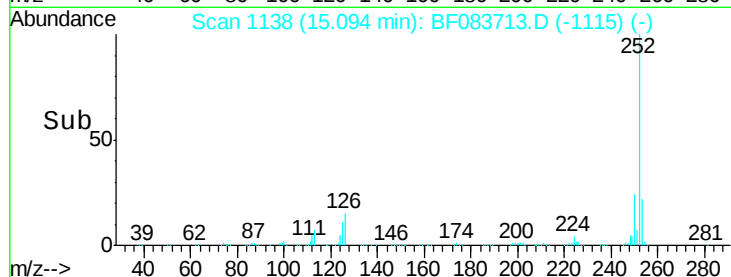
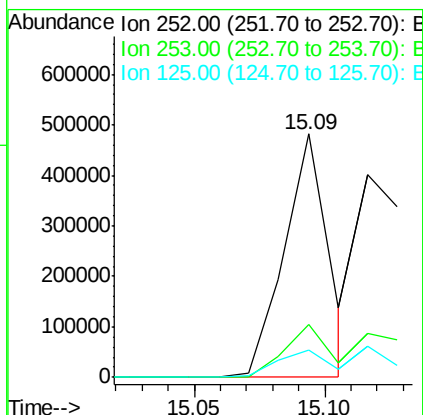
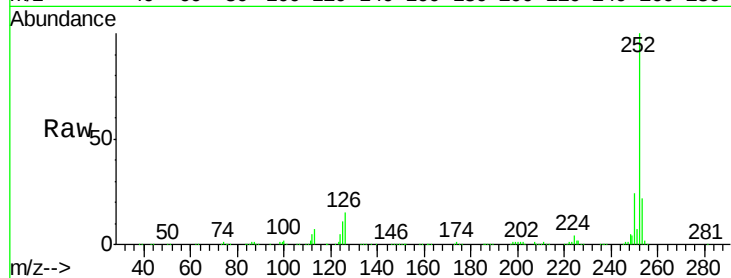




#88
Benzo(k)fluoranthene
Concen: 36.17 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

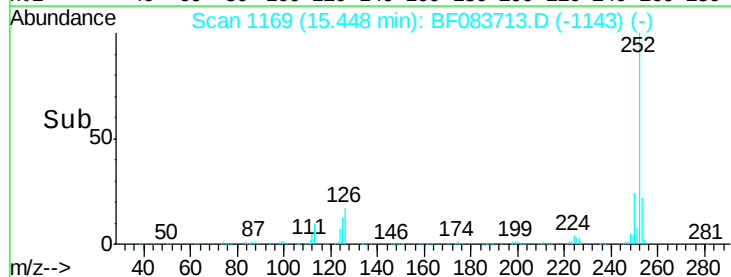
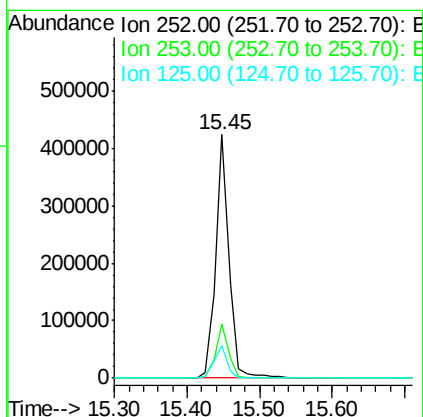
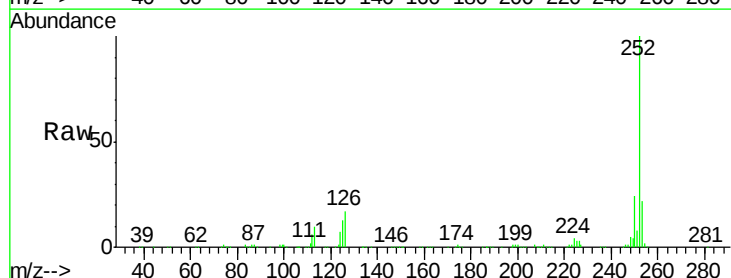
Instrument :
BNA_F
ClientSampleId :
PB87230BS

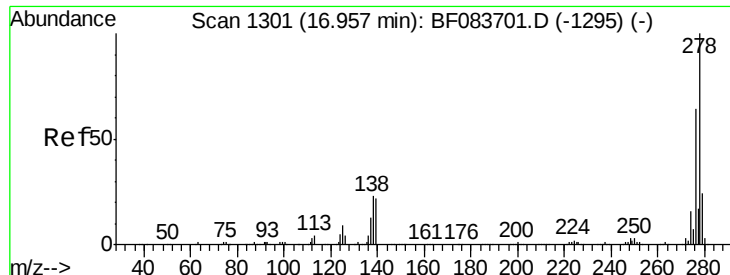
Tgt Ion:252 Resp: 562628
Ion Ratio Lower Upper
252 100
253 21.6 18.6 27.8
125 11.0 11.5 17.3#



#89
Benzo(a)pyrene
Concen: 36.26 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:252 Resp: 537914
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 13.1 11.0 16.6

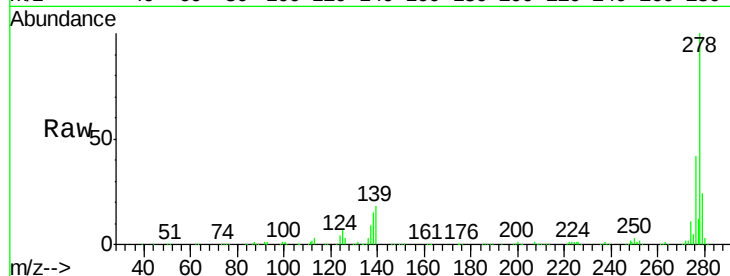




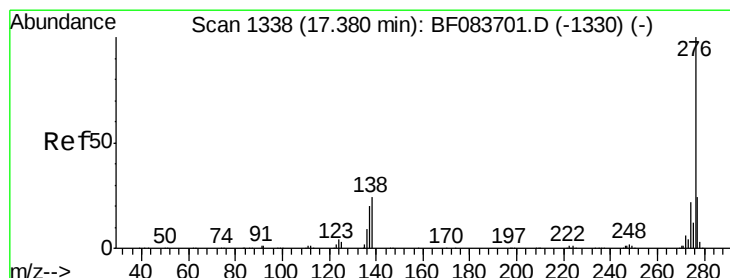
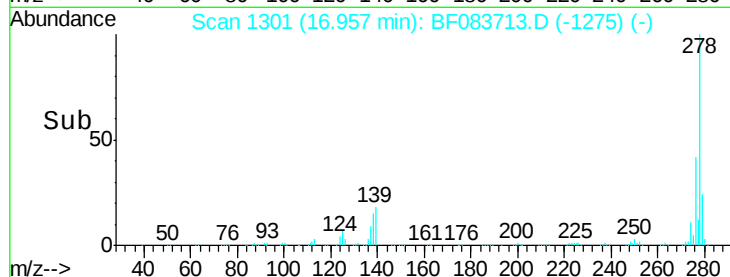
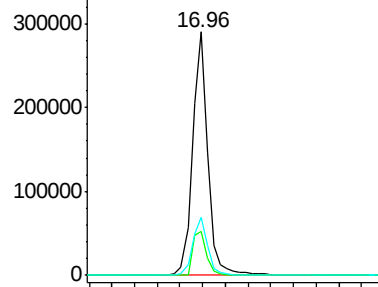
#90
Dibenzo(a,h)anthracene
Concen: 37.02 ng
RT: 16.96 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Instrument :
BNA_F
ClientSampleId :
PB87230BS

Tgt Ion:278 Resp: 543996
Ion Ratio Lower Upper
278 100
139 17.9 12.8 19.2
279 24.0 18.6 28.0

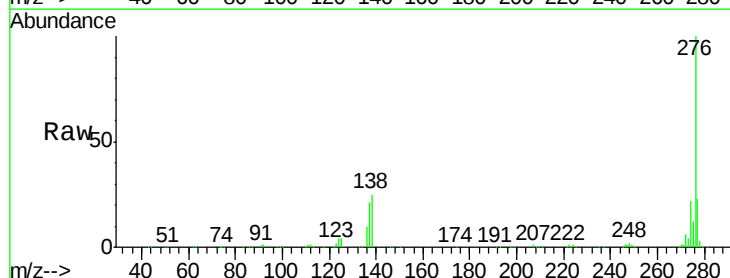


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 36.87 ng
RT: 17.37 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF083713.D
Acq: 11 Dec 2015 23:47

Tgt Ion:276 Resp: 571388
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 25.3 19.5 29.3



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

