

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
 Data File : BF083200.D
 Acq On : 23 Nov 2015 13:09
 Operator : UM/IZ
 Sample : PB86810BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86810BS

Quant Time: Nov 24 04:28:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	207278	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	812478	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	408331	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	765517	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	657356	20.00	ng	-0.02
86) Perylene-d12	15.14	264	591797	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1368581	99.82	ng	-0.02
7) Phenol-d6	6.31	99	1750062	98.66	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1086077	61.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	368555	88.22	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	1818406	62.10	ng	-0.01
78) Terphenyl-d14	12.74	244	1845734	66.12	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.19	88	166599	24.53	ng	# 87
3) Pyridine	2.86	79	515755	28.75	ng	94
4) n-Nitrosodimethylamine	2.79	42	256692	31.03	ng	94
6) Aniline	6.31	93	470294	21.69	ng	# 85
8) 2-Chlorophenol	6.43	128	474207	32.01	ng	94
9) Benzaldehyde	6.18	77	336265	37.00	ng	96
10) Phenol	6.32	94	588875	27.44	ng	98
11) bis(2-Chloroethyl)ether	6.39	93	495287	32.32	ng	99
12) 1,3-Dichlorobenzene	6.81	146	470814	27.84	ng	97
13) 1,4-Dichlorobenzene	6.66	146	511532	29.90	ng	92
14) 1,2-Dichlorobenzene	6.81	146	478689	30.78	ng	99
15) Benzyl Alcohol	6.80	79	431017	29.08	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.94	45	885728	37.07	ng	70
17) 2-Methylphenol	6.92	107	377133	30.77	ng	98
18) Hexachloroethane	7.15	117	186534	30.95	ng	90
19) n-Nitroso-di-n-propylamine	7.07	70	417326	33.80	ng	# 93
20) 3+4-Methylphenols	7.08	107	530400	34.23	ng	95
22) Acetophenone	7.06	105	685820	29.40	ng	# 97
24) Nitrobenzene	7.23	77	599053	31.53	ng	95
25) Isophorone	7.47	82	1005326	29.86	ng	98
26) 2-Nitrophenol	7.55	139	253375	30.21	ng	98
27) 2,4-Dimethylphenol	7.61	122	441503	32.98	ng	93
28) bis(2-Chloroethoxy)methane	7.69	93	598580	30.58	ng	98
29) 2,4-Dichlorophenol	7.80	162	410959	32.28	ng	96
30) 1,2,4-Trichlorobenzene	7.87	180	420081	30.04	ng	96
31) Naphthalene	7.95	128	1355391	30.91	ng	100
32) Benzoic acid	7.76	122	293002	28.16	ng	95
33) 4-Chloroaniline	8.01	127	225571	13.26	ng	94
34) Hexachlorobutadiene	8.08	225	247892	29.99	ng	99
35) Caprolactam	8.39	113	80973	19.85	ng	97
36) 4-Chloro-3-methylphenol	8.51	107	433407	29.39	ng	88
37) 2-Methylnaphthalene	8.64	142	846890	29.76	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	394930	29.84	ng	# 98
40) Hexachlorocyclopentadiene	8.80	237	432392	57.46	ng	100

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Instrument :
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 ClientSampleId :
 PB86810BS

Quant Time: Nov 24 04:28:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

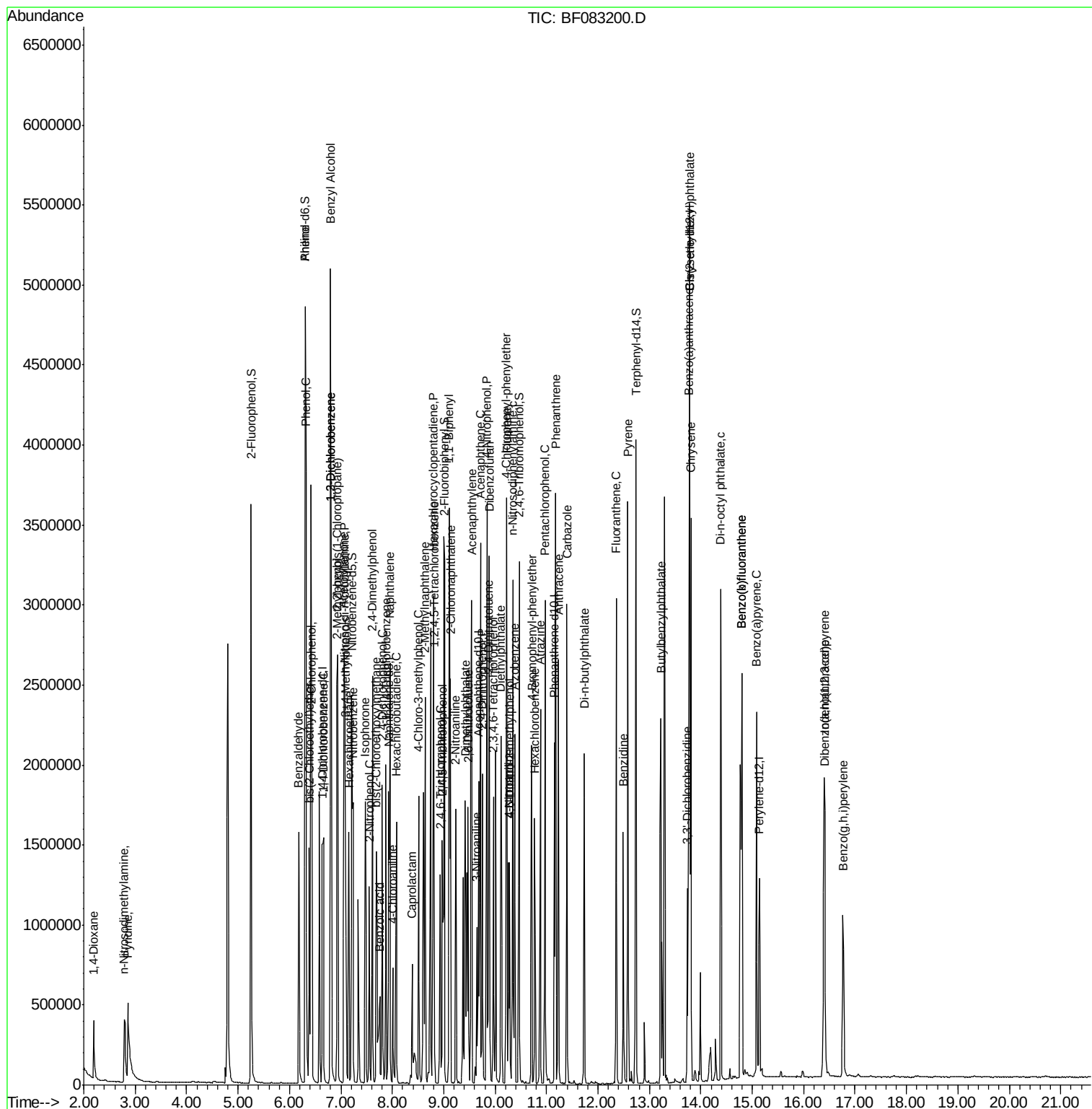
42) 2,4,6-Trichlorophenol	8.94	196	279447	29.48	ng	99
43) 2,4,5-Trichlorophenol	8.97	196	291377	30.07	ng	# 80
45) 1,1'-Biphenyl	9.11	154	1074646	30.92	ng	97
46) 2-Chloronaphthalene	9.13	162	864191	31.66	ng	97
47) 2-Nitroaniline	9.23	65	323391	33.49	ng	96
48) Acenaphthylene	9.54	152	1344383	31.78	ng	99
49) Dimethylphthalate	9.42	163	938301	29.85	ng	99
50) 2,6-Dinitrotoluene	9.47	165	207168	29.37	ng	95
51) Acenaphthene	9.71	154	818772	31.80	ng	98
52) 3-Nitroaniline	9.64	138	133972	17.81	ng	# 74
53) 2,4-Dinitrophenol	9.75	184	252690	62.18	ng	# 84
54) Dibenzofuran	9.88	168	1163740	31.97	ng	98
55) 4-Nitrophenol	9.84	139	372659	64.62	ng	87
56) 2,4-Dinitrotoluene	9.87	165	271612	30.39	ng	99
57) Fluorene	10.23	166	959949	31.91	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	234453	29.49	ng	91
59) Diethylphthalate	10.11	149	928525	29.67	ng	96
60) 4-Chlorophenyl-phenylether	10.22	204	419971	30.48	ng	99
61) 4-Nitroaniline	10.26	138	232050	31.34	ng	95
62) Azobenzene	10.38	77	1178246	32.99	ng	98
64) 4,6-Dinitro-2-methylphenol	10.28	198	179733	34.08	ng	93
65) n-Nitrosodiphenylamine	10.34	169	774782	29.76	ng	100
66) 4-Bromophenyl-phenylether	10.71	248	269400	31.71	ng	92
67) Hexachlorobenzene	10.76	284	288335	30.82	ng	# 86
68) Atrazine	10.88	200	277232	36.67	ng	99
69) Pentachlorophenol	10.97	266	343499	56.37	ng	98
70) Phenanthrene	11.18	178	1341632	30.42	ng	100
71) Anthracene	11.23	178	1440556	32.01	ng	99
72) Carbazole	11.39	167	1317310	32.94	ng	99
73) Di-n-butylphthalate	11.74	149	1523114	31.20	ng	# 97
74) Fluoranthene	12.35	202	1360765	30.15	ng	96
76) Benzidine	12.49	184	633923	36.79	ng	100
77) Pyrene	12.58	202	1428877	31.82	ng	99
79) Butylbenzylphthalate	13.22	149	672660	31.65	ng	89
80) Benzo(a)anthracene	13.77	228	1306612	32.14	ng	99
81) 3,3'-Dichlorobenzidine	13.74	252	257988	18.23	ng	# 97
82) Chrysene	13.81	228	1182714	31.37	ng	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	866876	31.23	ng	# 99
84) Di-n-octyl phthalate	14.39	149	1436044	30.05	ng	97
85) Indeno(1,2,3-cd)pyrene	16.40	276	977387	28.50	ng	96
87) Benzo(b)fluoranthene	14.80	252	2243550	55.48	ng	# 98
88) Benzo(k)fluoranthene	14.80	252	2243550	74.47	ng	99
89) Benzo(a)pyrene	15.09	252	1022502	30.63	ng	# 94
90) Dibenzo(a,h)anthracene	16.41	278	846143	27.90	ng	98
91) Benzo(g,h,i)perylene	16.77	276	799939	27.02	ng	# 92

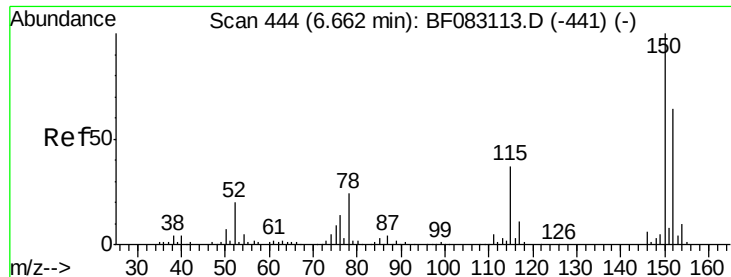
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
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Operator  : UM/IZ
Sample    : PB86810BS
Misc      :
ALS Vial  : 4      Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
PB86810BS

Quant Time: Nov 24 04:28:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

Instrument :

BNA_F

ClientSampleId :

PB86810BS

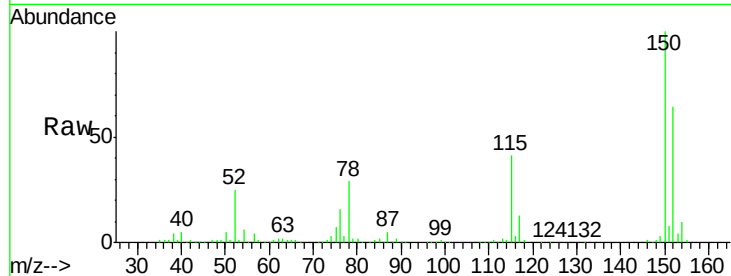
Tgt Ion:152 Resp: 207278

Ion Ratio Lower Upper

152 100

150 157.3 125.8 188.8

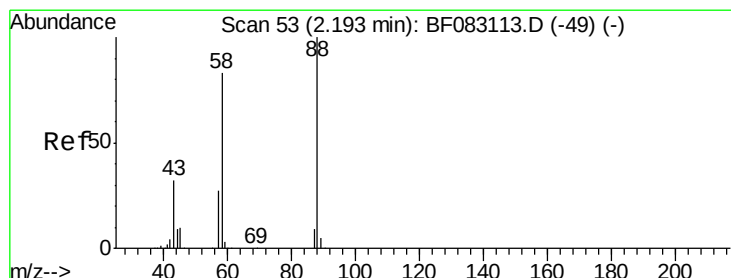
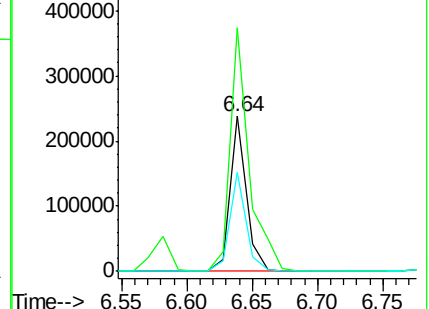
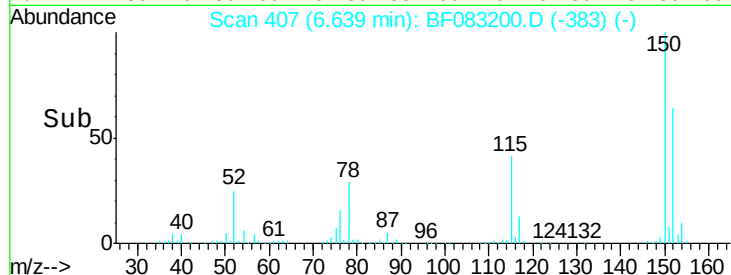
115 63.9 46.9 70.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 24.53 ng

RT: 2.19 min Scan# 18

Delta R.T. -0.00 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

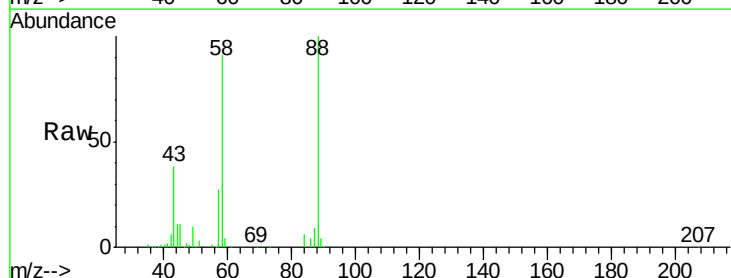
Tgt Ion: 88 Resp: 166599

Ion Ratio Lower Upper

88 100

58 89.3 65.0 97.6

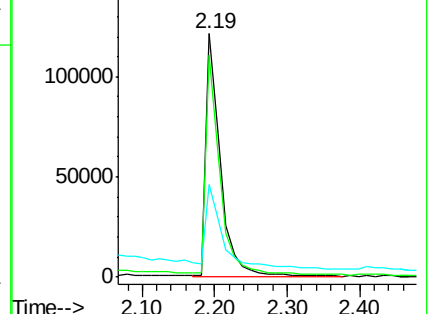
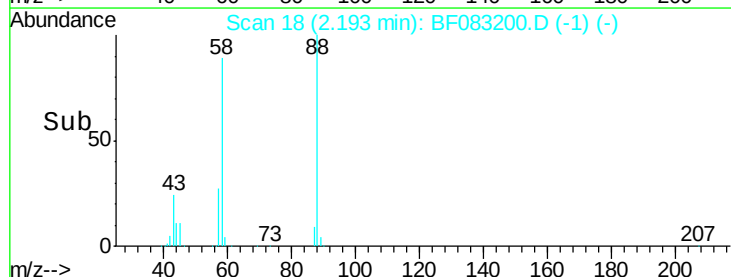
43 43.0 24.7 37.1#

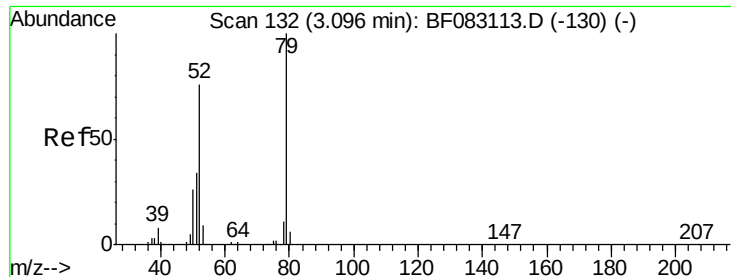


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 28.75 ng

RT: 2.86 min Scan# 76

Delta R.T. -0.24 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

Instrument :

BNA_F

ClientSampleId :

PB86810BS

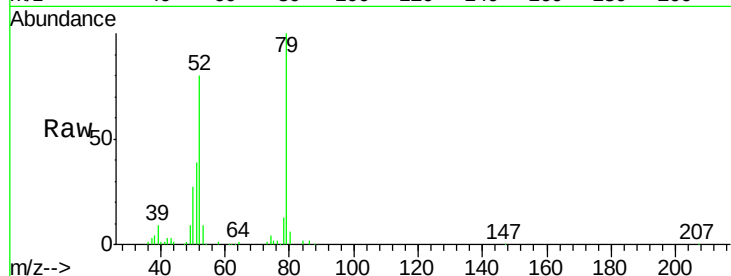
Tgt Ion: 79 Resp: 515755

Ion Ratio Lower Upper

79 100

52 80.3 60.7 91.1

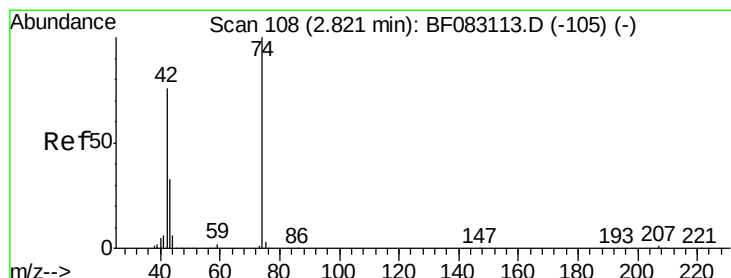
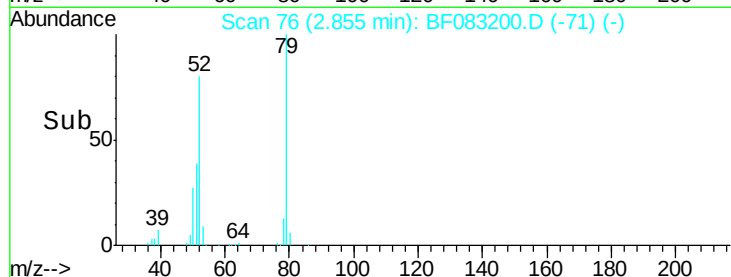
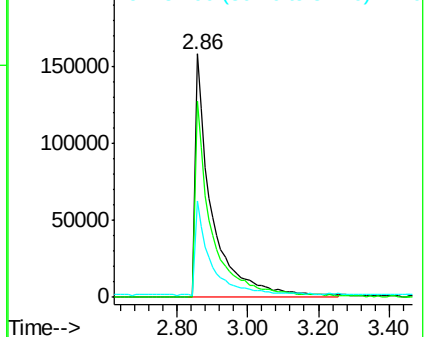
51 39.4 27.9 41.9



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: 31.03 ng

RT: 2.79 min Scan# 70

Delta R.T. -0.03 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

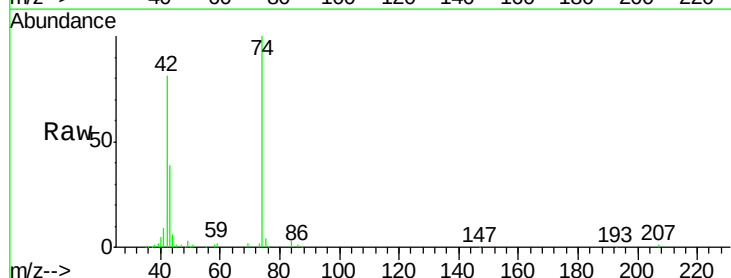
Tgt Ion: 42 Resp: 256692

Ion Ratio Lower Upper

42 100

74 123.9 104.8 157.2

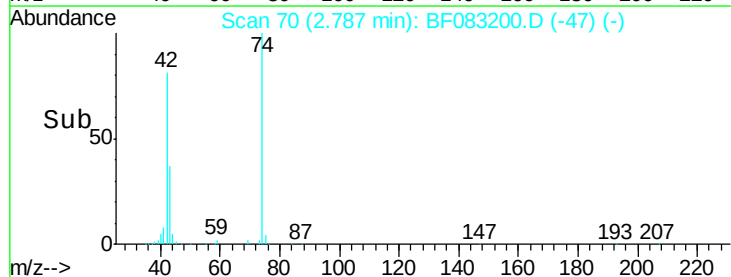
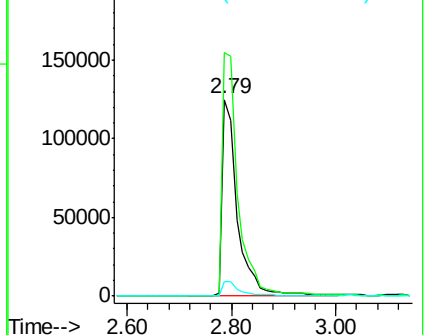
44 7.4 6.2 9.4

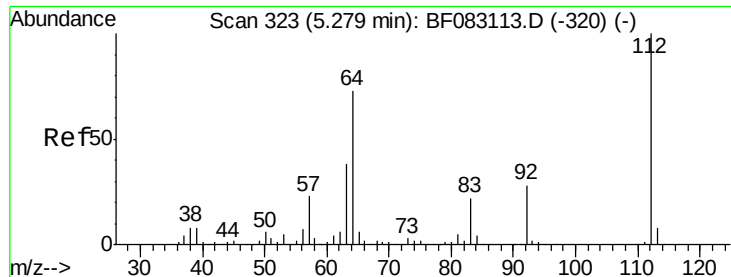


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 99.82 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

Instrument :

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ClientSampleId :

PB86810BS

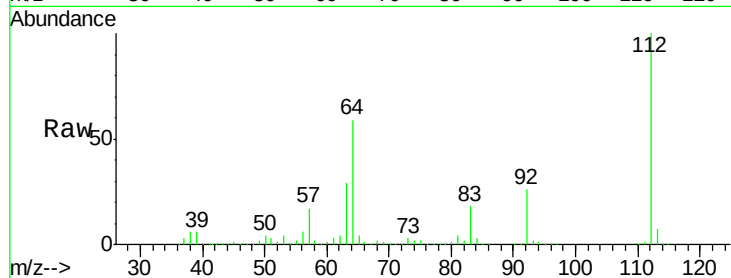
Tgt Ion: 112 Resp: 1368581

Ion Ratio Lower Upper

112 100

64 59.3 58.4 87.6

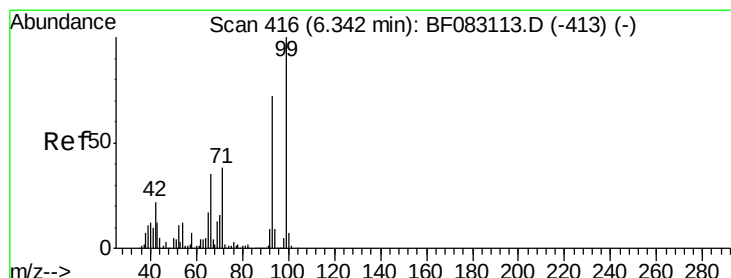
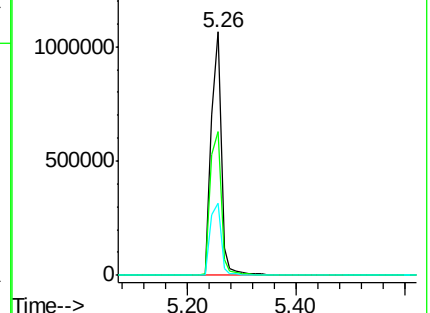
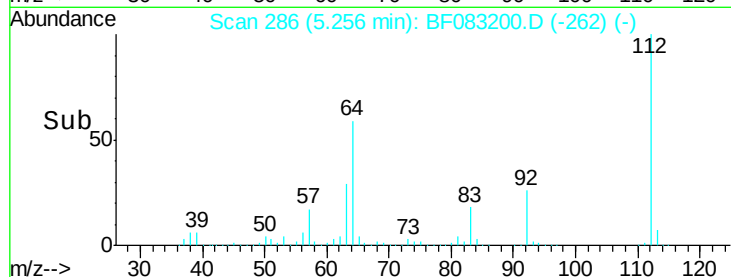
63 29.4 30.0 45.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.69 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

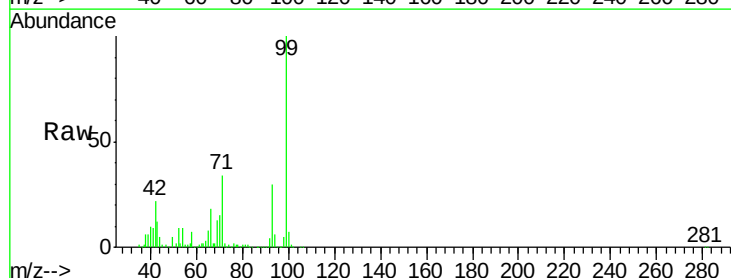
Tgt Ion: 93 Resp: 470294

Ion Ratio Lower Upper

93 100

66 60.9 38.7 58.1#

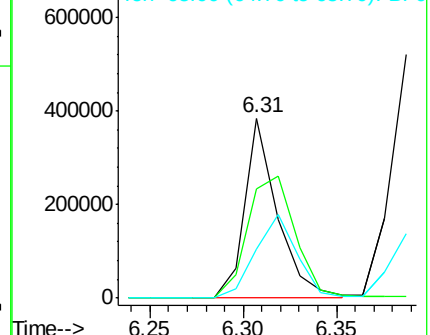
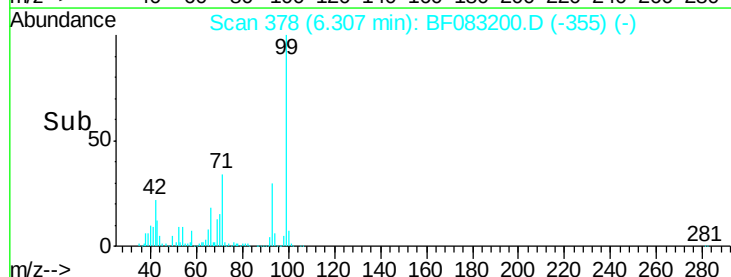
65 27.3 18.6 27.8

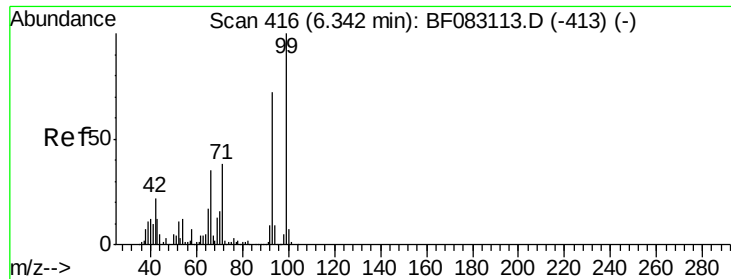


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 98.66 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

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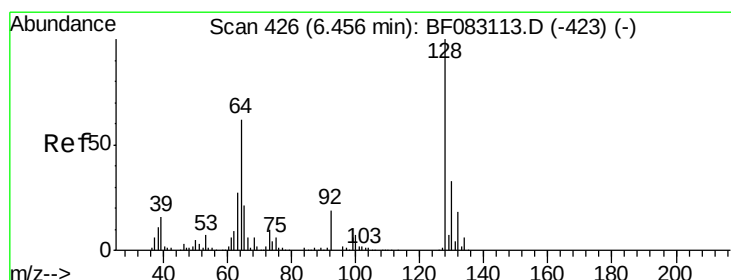
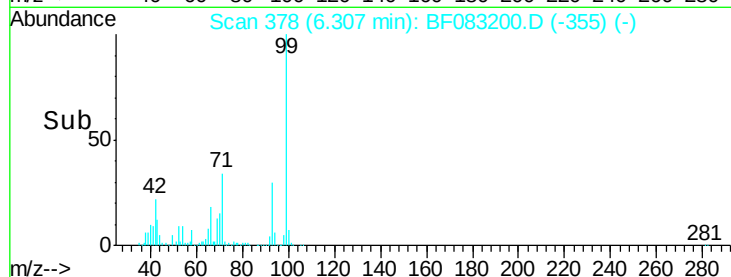
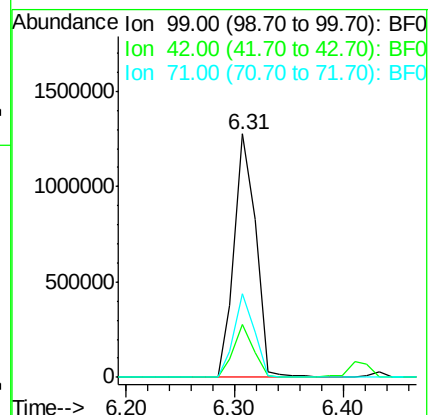
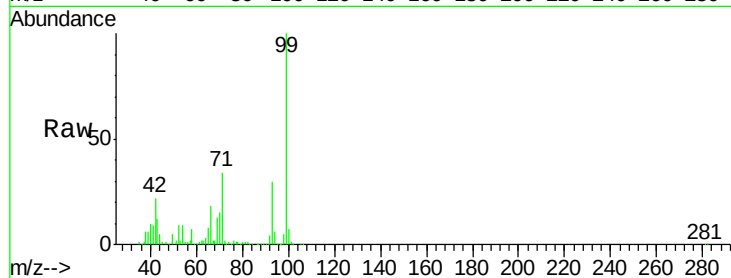
Tgt Ion: 99 Resp: 1750062

Ion Ratio Lower Upper

99 100

42 21.9 17.7 26.5

71 34.4 30.2 45.4



#8

2-Chlorophenol

Concen: 32.01 ng

RT: 6.43 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

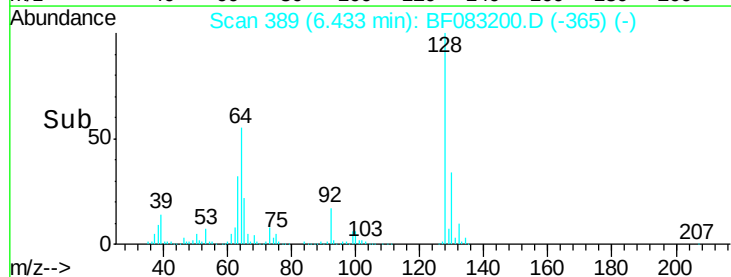
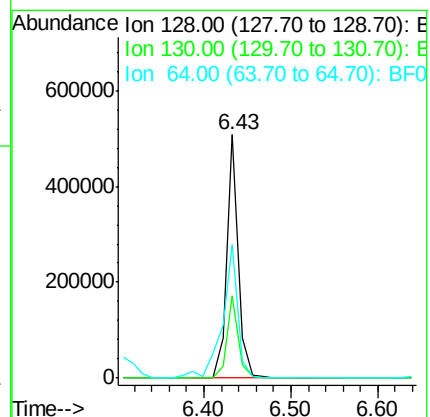
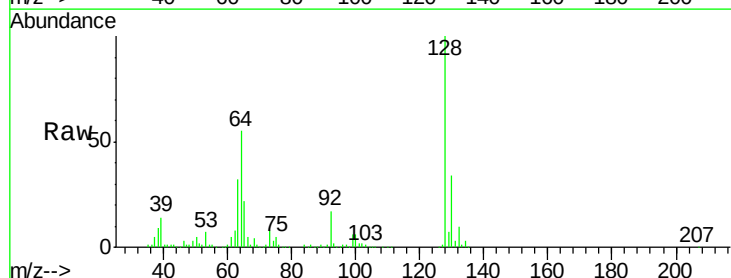
Tgt Ion: 128 Resp: 474207

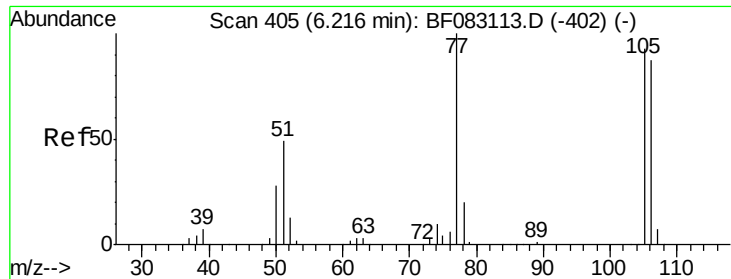
Ion Ratio Lower Upper

128 100

130 33.6 12.6 52.6

64 55.0 41.9 81.9





#9

Benzaldehyde

Concen: 37.00 ng

RT: 6.18 min Scan# 367

Delta R.T. -0.03 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

Instrument :

BNA_F

ClientSampleId :

PB86810BS

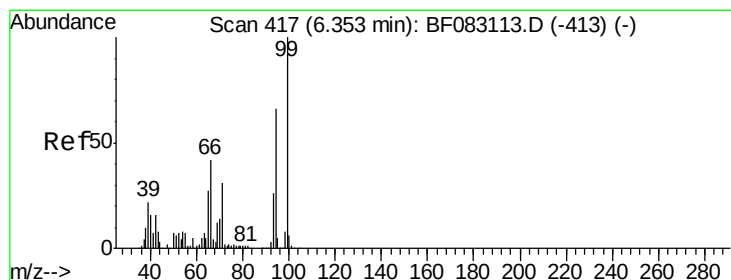
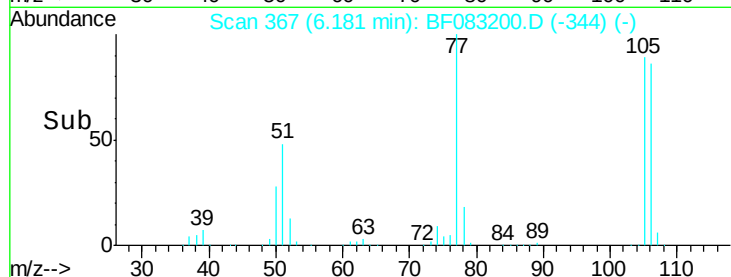
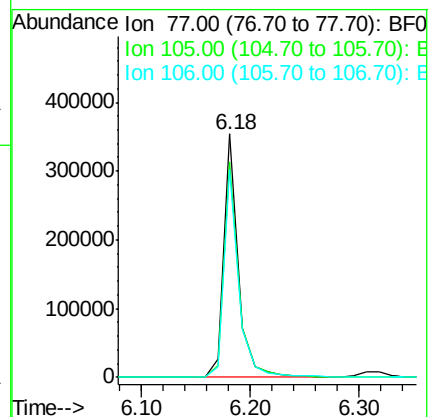
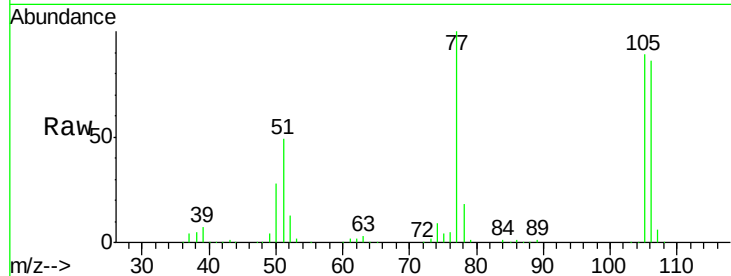
Tgt Ion: 77 Resp: 336265

Ion Ratio Lower Upper

77 100

105 88.6 73.4 113.4

106 85.6 67.5 107.5



#10

Phenol

Concen: 27.44 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

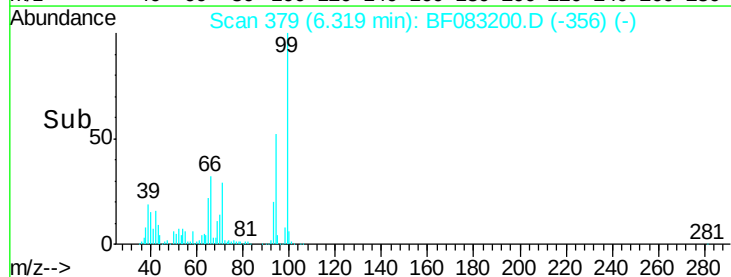
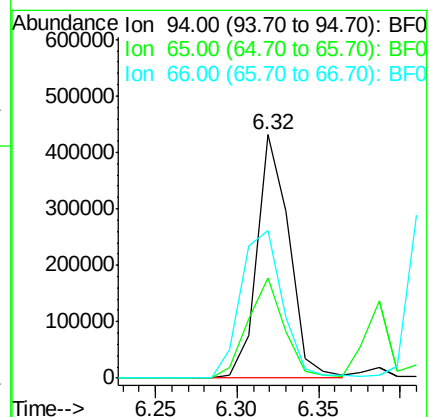
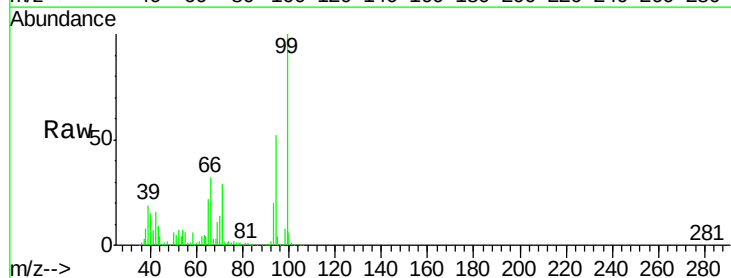
Tgt Ion: 94 Resp: 588875

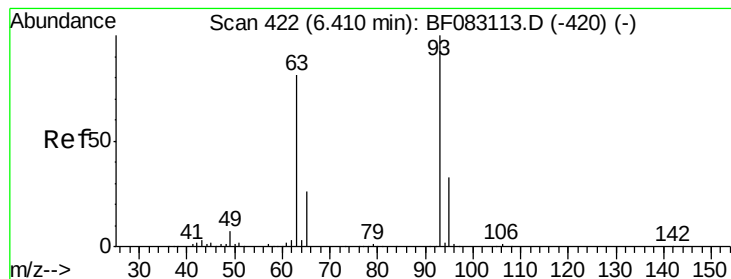
Ion Ratio Lower Upper

94 100

65 41.3 21.1 61.1

66 60.6 43.1 83.1





#11

bis(2-Chloroethyl)ether

Concen: 32.32 ng

RT: 6.39 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

Instrument :

BNA_F

ClientSampleId :

PB86810BS

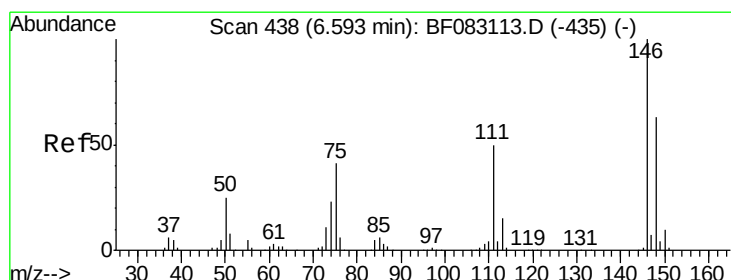
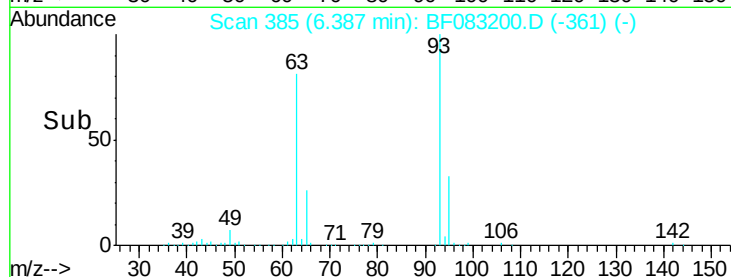
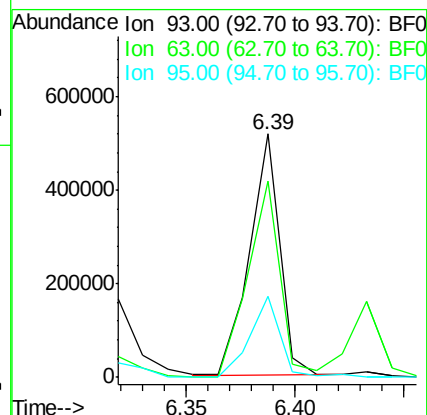
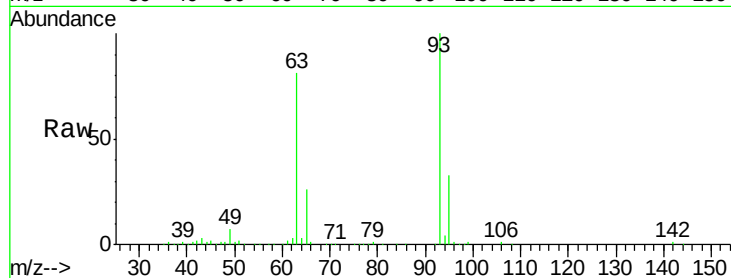
Tgt Ion: 93 Resp: 495287

Ion Ratio Lower Upper

93 100

63 80.8 59.8 99.8

95 33.3 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 27.84 ng

RT: 6.81 min Scan# 422

Delta R.T. 0.22 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

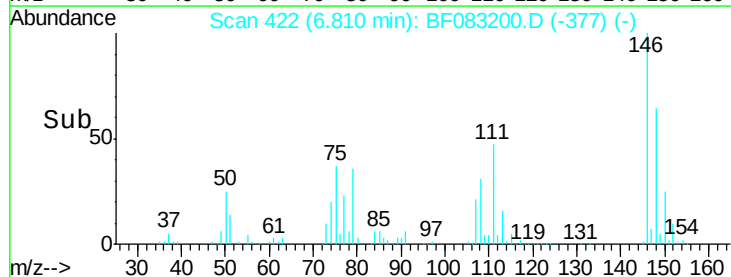
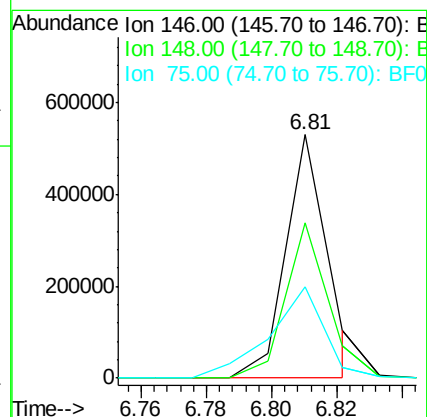
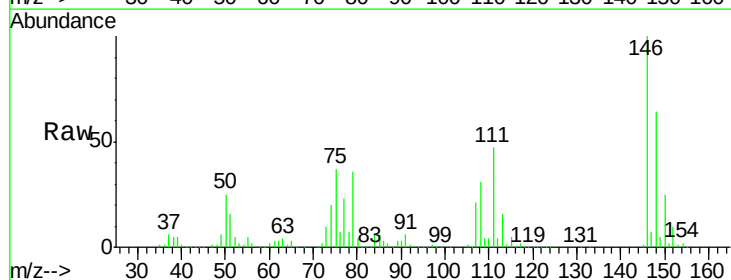
Tgt Ion: 146 Resp: 470814

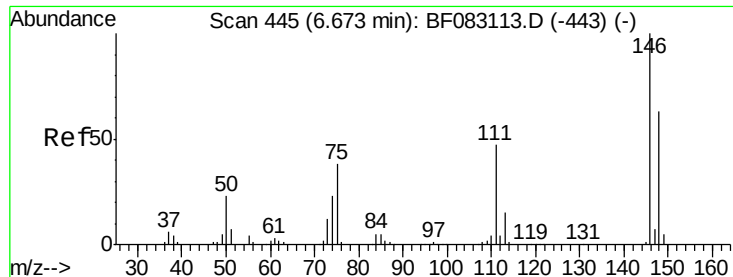
Ion Ratio Lower Upper

146 100

148 63.9 50.2 75.2

75 37.4 32.7 49.1

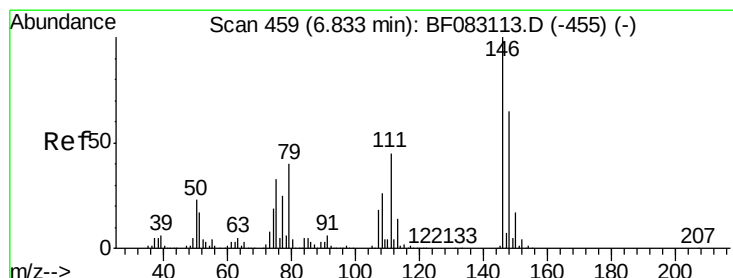
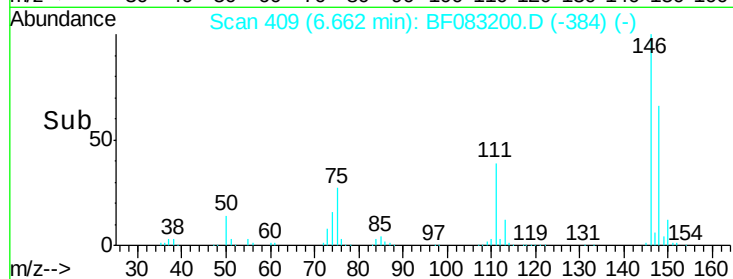
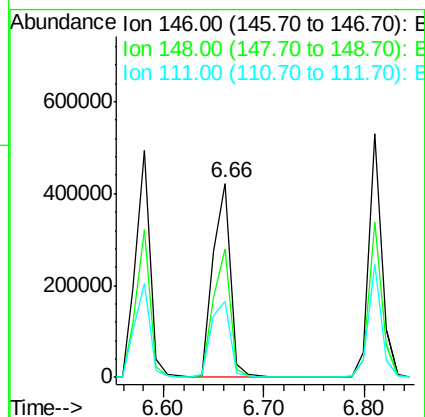
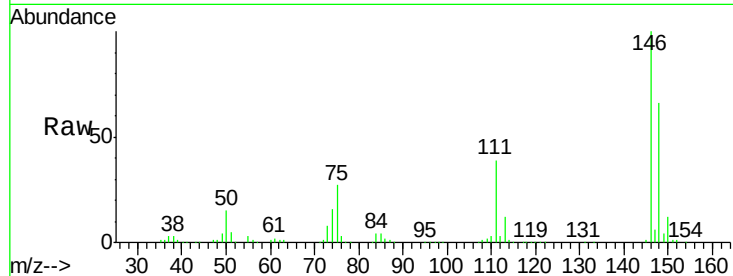




#13
 1,4-Dichlorobenzene
 Concen: 29.90 ng
 RT: 6.66 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

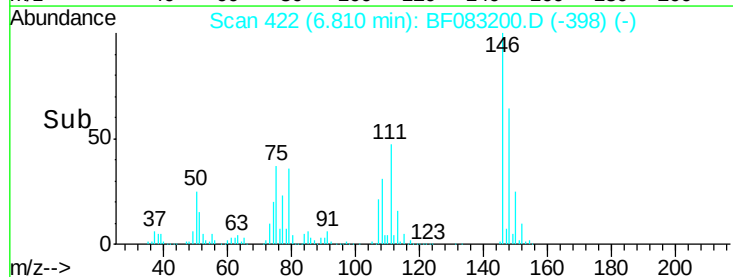
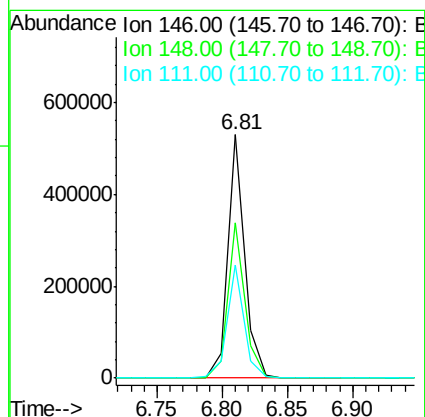
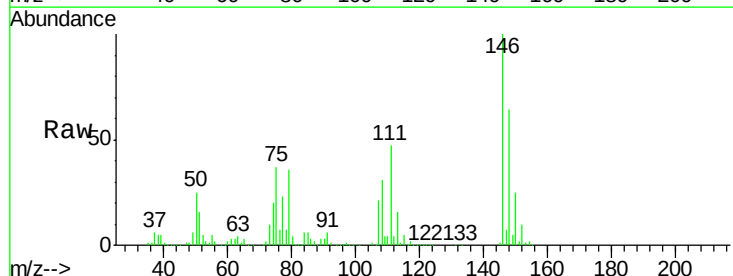
Instrument :
 BNA_F
 ClientSampleId :
 PB86810BS

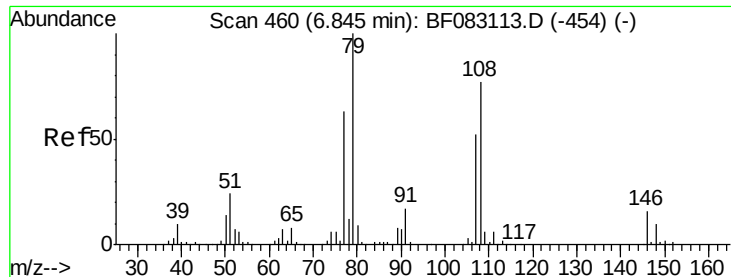
Tgt Ion:146 Resp: 511532
 Ion Ratio Lower Upper
 146 100
 148 66.5 50.2 75.2
 111 39.1 37.5 56.3



#14
 1,2-Dichlorobenzene
 Concen: 30.78 ng
 RT: 6.81 min Scan# 422
 Delta R.T. -0.02 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

Tgt Ion:146 Resp: 478689
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.6
 111 46.6 36.2 54.4

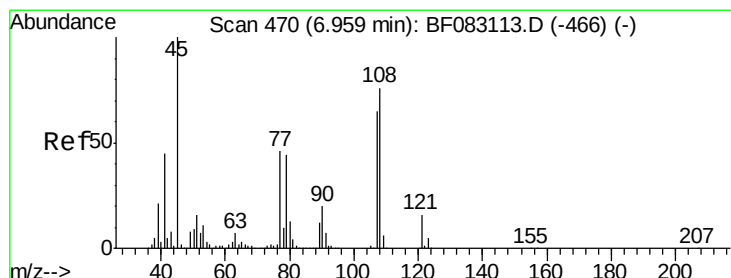
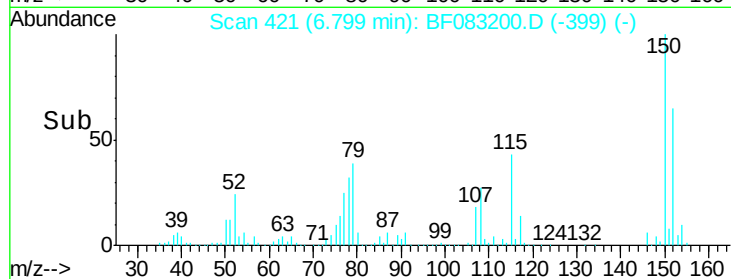
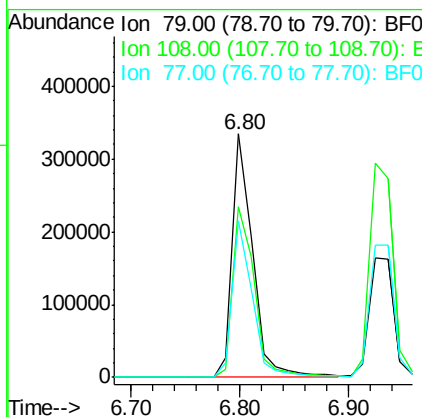
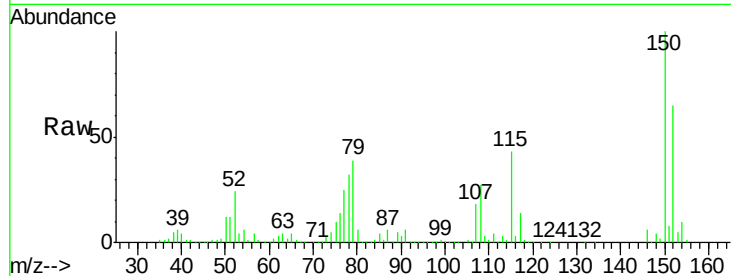




#15
Benzyl Alcohol
Concen: 29.08 ng
RT: 6.80 min Scan# 421
Delta R.T. -0.05 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

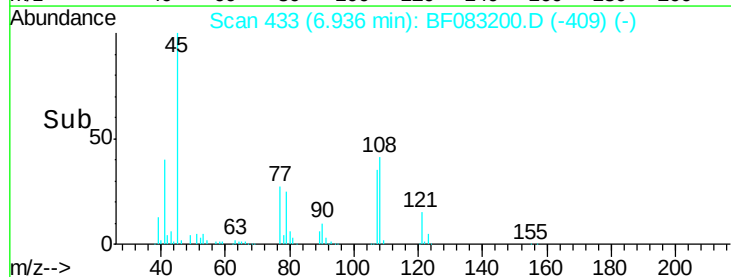
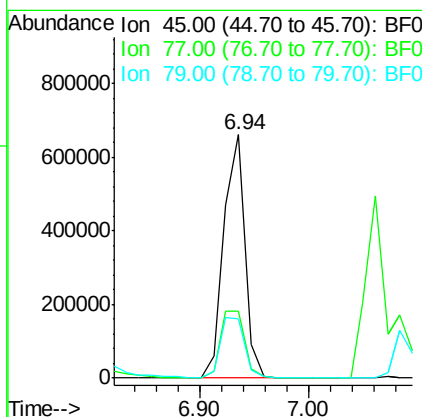
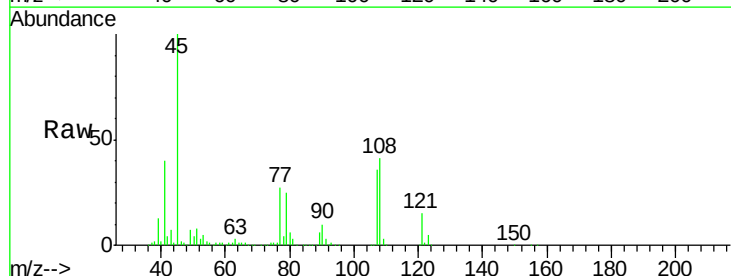
Instrument :
BNA_F
ClientSampleId :
PB86810BS

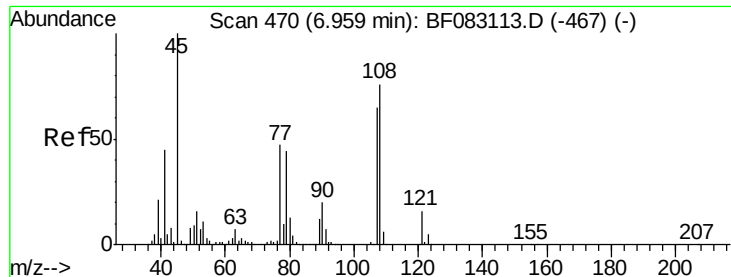
Tgt Ion: 79 Resp: 431017
Ion Ratio Lower Upper
79 100
108 69.9 61.4 92.2
77 64.3 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.07 ng
RT: 6.94 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion: 45 Resp: 885728
Ion Ratio Lower Upper
45 100
77 27.5 26.7 66.7
79 24.5 24.3 64.3





#17

2-Methylphenol

Concen: 30.77 ng

RT: 6.92 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

Instrument :

BNA_F

ClientSampleId :

PB86810BS

Tgt Ion:107 Resp: 377133

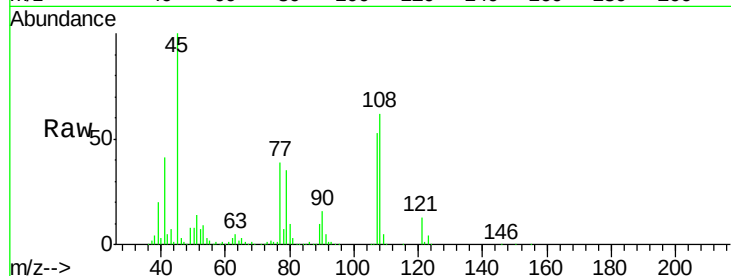
Ion Ratio Lower Upper

107 100

108 118.9 93.8 140.6

77 73.4 57.4 86.0

79 66.8 54.4 81.6

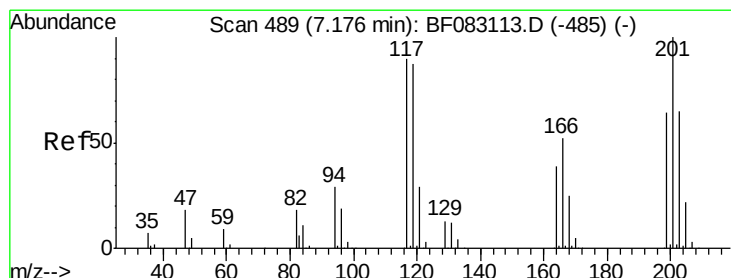
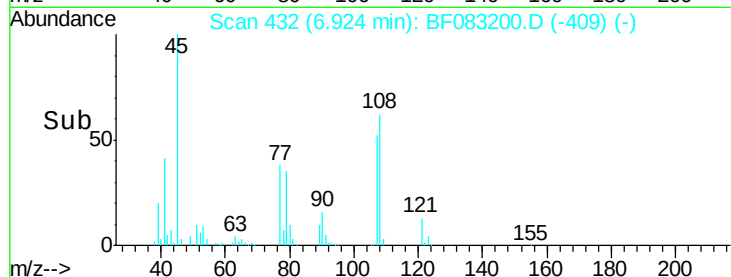
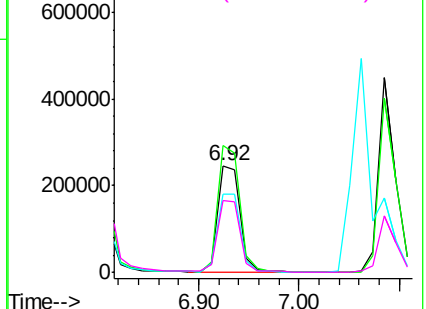


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 30.95 ng

RT: 7.15 min Scan# 452

Delta R.T. -0.02 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

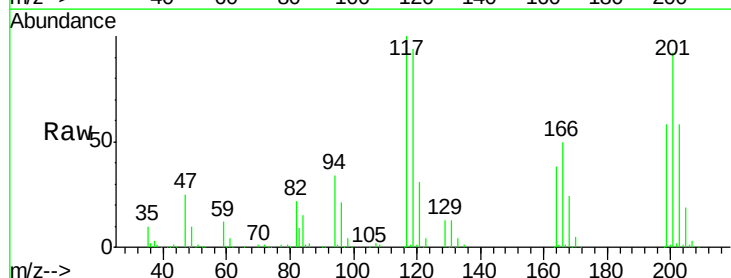
Tgt Ion:117 Resp: 186534

Ion Ratio Lower Upper

117 100

119 94.5 76.8 115.2

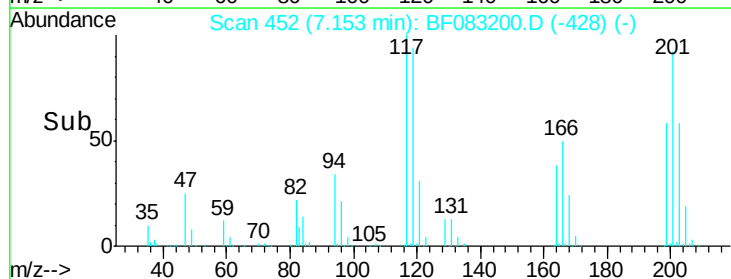
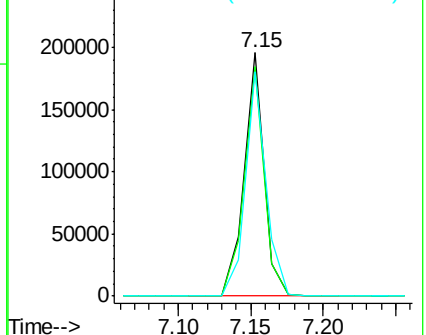
201 92.1 88.6 133.0

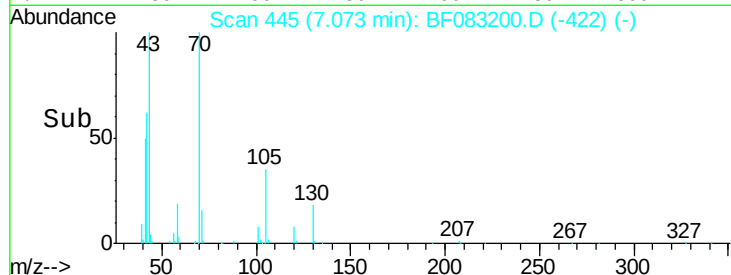
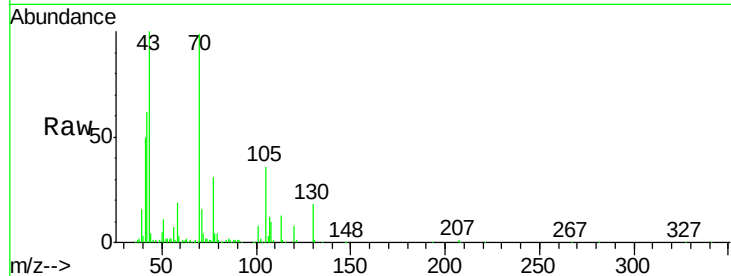
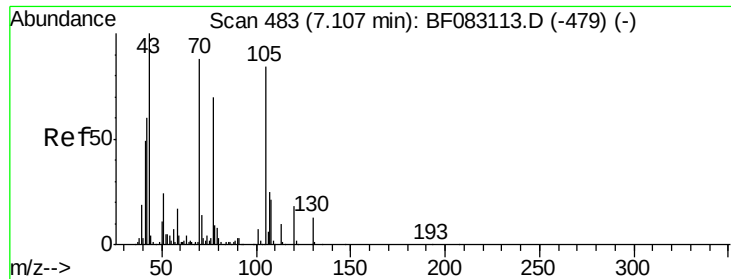


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

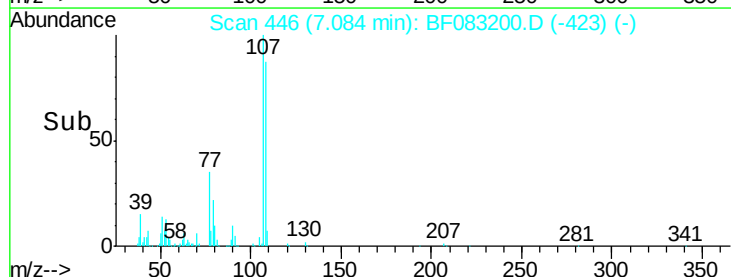
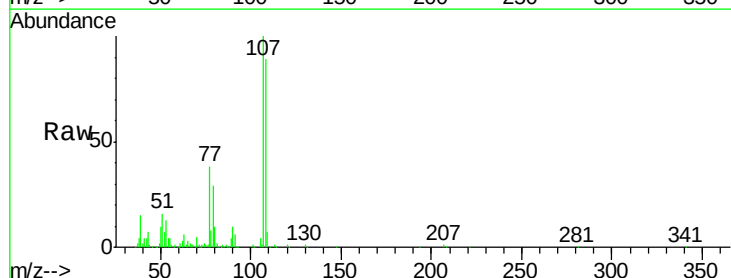
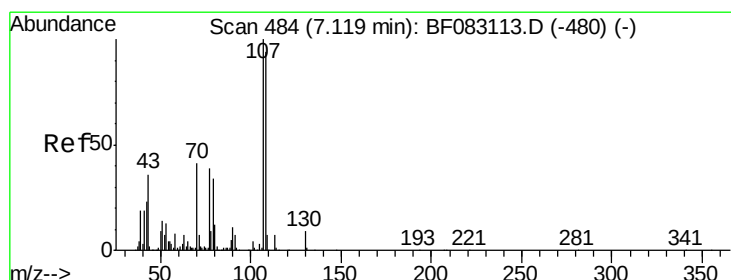
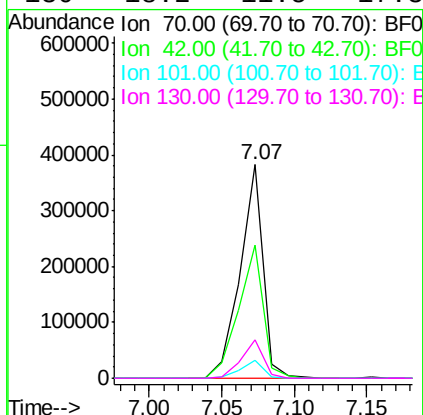




#19
n-Nitroso-di-n-propylamine
Concen: 33.80 ng
RT: 7.07 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

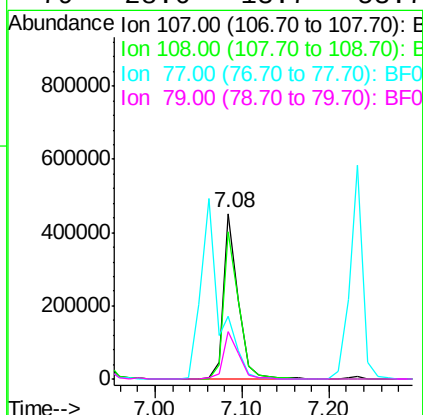
Instrument :
BNA_F
ClientSampleId :
PB86810BS

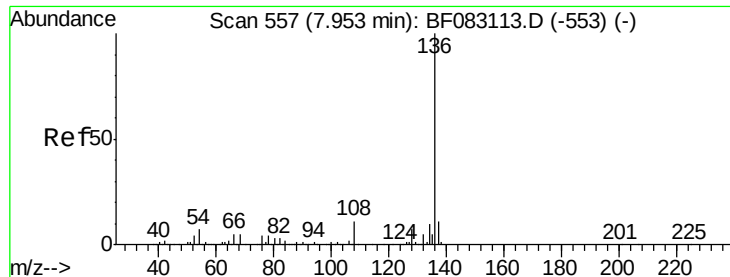
Tgt Ion: 70 Resp: 417326
Ion Ratio Lower Upper
70 100
42 62.4 54.5 81.7
101 8.6 6.6 9.8
130 18.2 11.5 17.3#



#20
3+4-Methylphenols
Concen: 34.23 ng
RT: 7.08 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion: 107 Resp: 530400
Ion Ratio Lower Upper
107 100
108 89.1 73.8 113.8
77 37.8 19.1 59.1
79 28.6 13.7 53.7

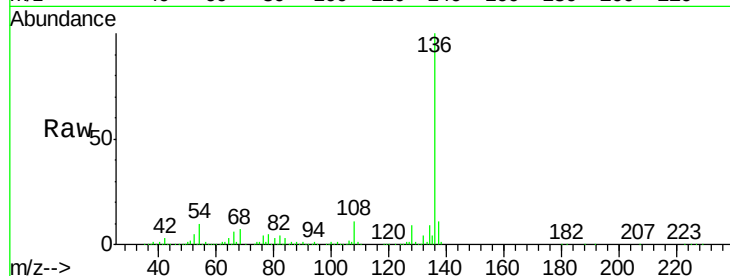




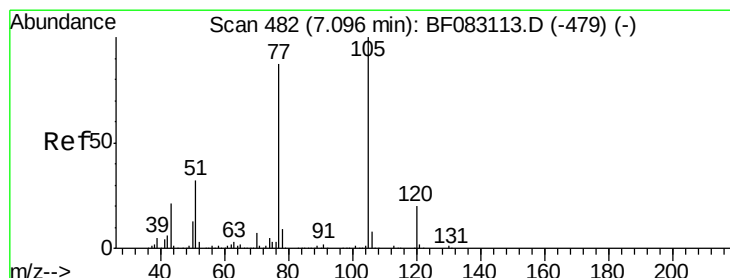
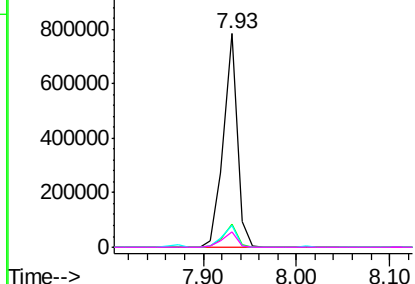
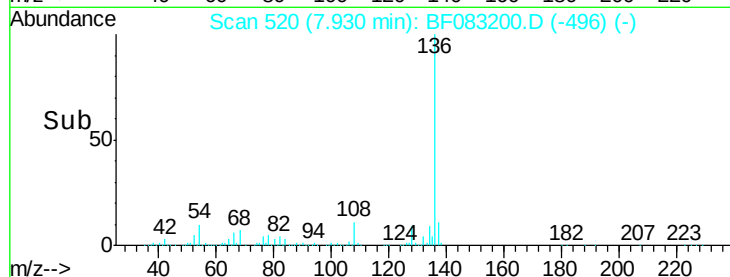
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Instrument :
BNA_F
ClientSampleId :
PB86810BS

Tgt Ion:	136	Resp:	812478
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	10.1	5.8	8.6#
68	7.1	3.8	5.8#

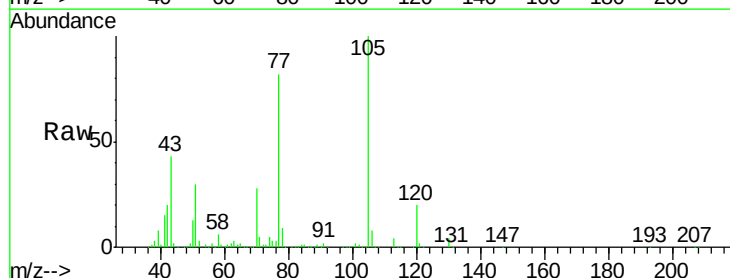


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

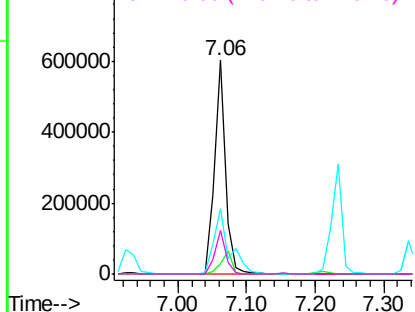
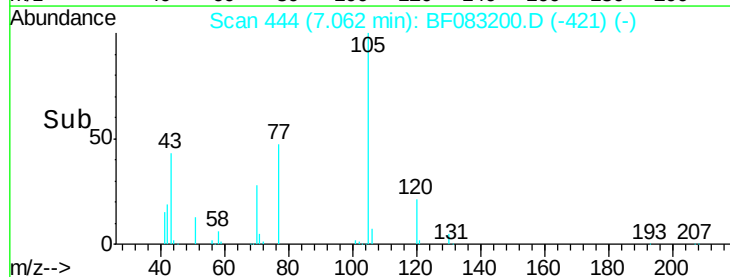


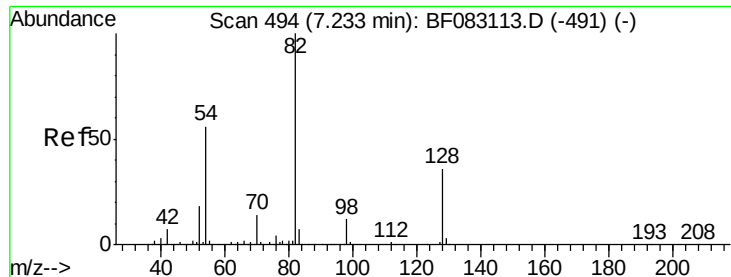
#22
Acetophenone
Concen: 29.40 ng
RT: 7.06 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:	105	Resp:	685820
Ion	Ratio	Lower	Upper
105	100		
71	5.0	1.0	1.4#
51	30.5	25.6	38.4
120	20.5	15.8	23.6



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

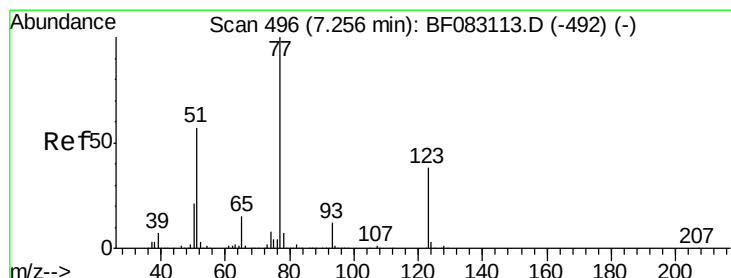
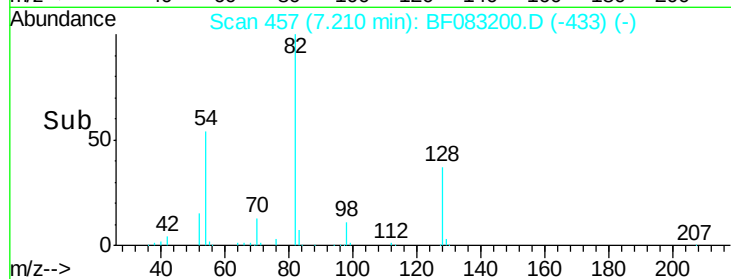
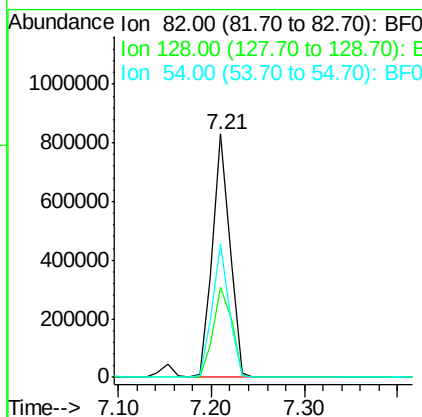
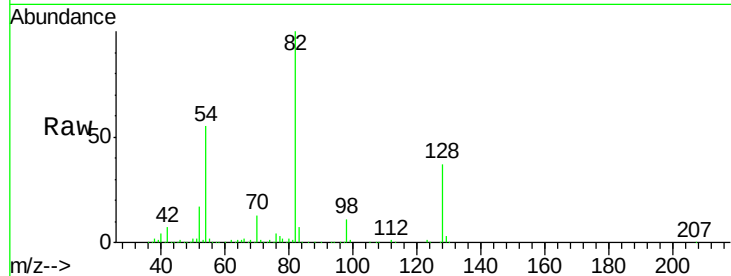




#23
 Nitrobenzene-d5
 Concen: 61.08 ng
 RT: 7.21 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

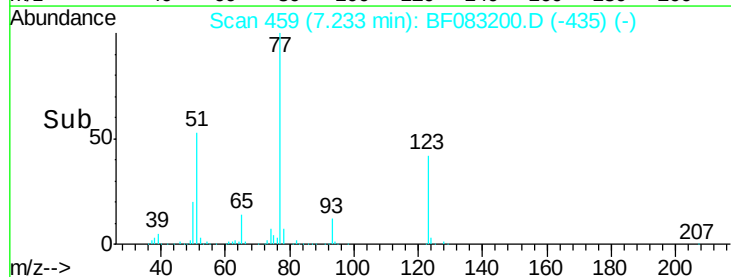
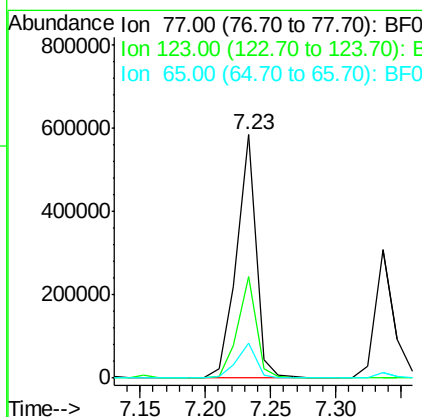
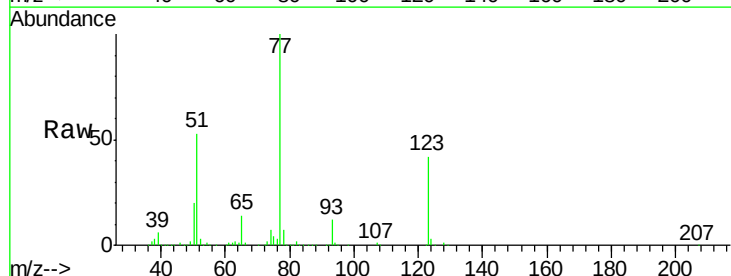
Instrument :
 BNA_F
 ClientSampled :
 PB86810BS

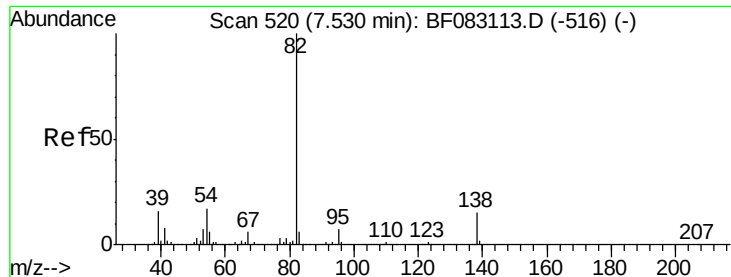
Tgt Ion: 82 Resp: 1086077
 Ion Ratio Lower Upper
 82 100
 128 37.2 28.5 42.7
 54 54.7 44.6 67.0



#24
 Nitrobenzene
 Concen: 31.53 ng
 RT: 7.23 min Scan# 459
 Delta R.T. -0.02 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

Tgt Ion: 77 Resp: 599053
 Ion Ratio Lower Upper
 77 100
 123 41.6 30.1 45.1
 65 14.2 11.6 17.4





#25

Isophorone

Concen: 29.86 ng

RT: 7.47 min Scan# 480

Delta R.T. -0.06 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

Instrument :

BNA_F

ClientSampleId :

PB86810BS

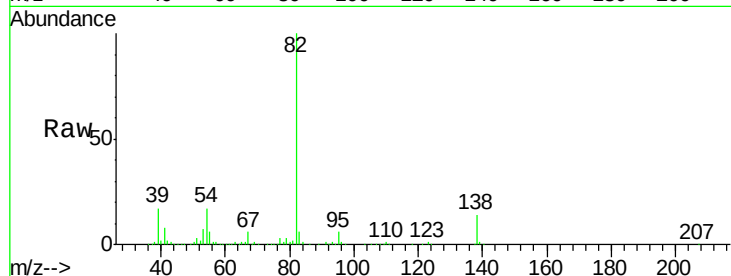
Tgt Ion: 82 Resp: 1005326

Ion Ratio Lower Upper

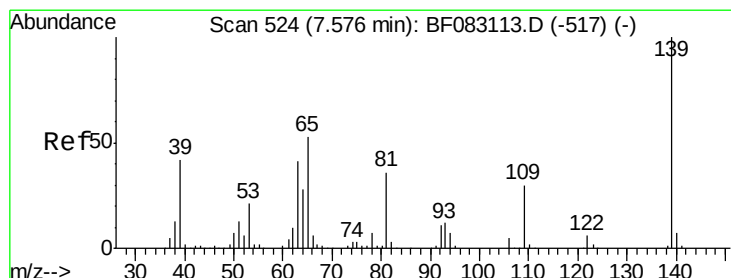
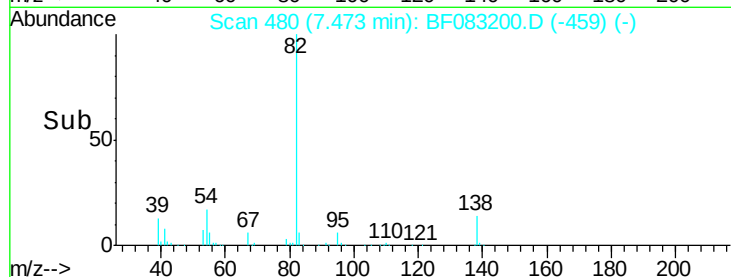
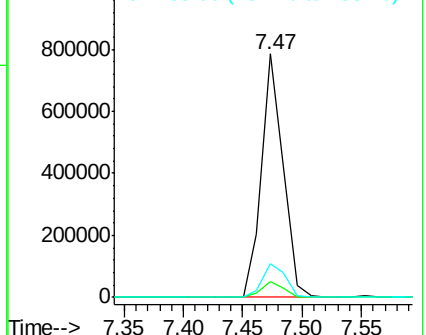
82 100

95 6.4 5.8 8.8

138 13.8 11.6 17.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 30.21 ng

RT: 7.55 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

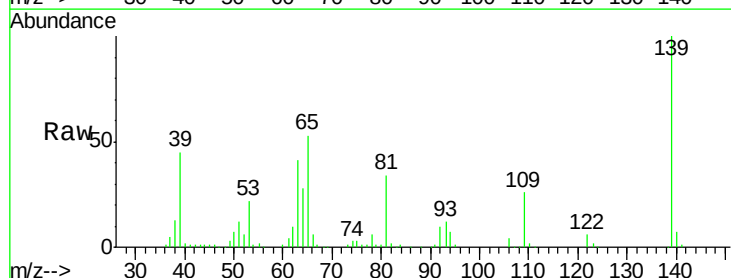
Tgt Ion: 139 Resp: 253375

Ion Ratio Lower Upper

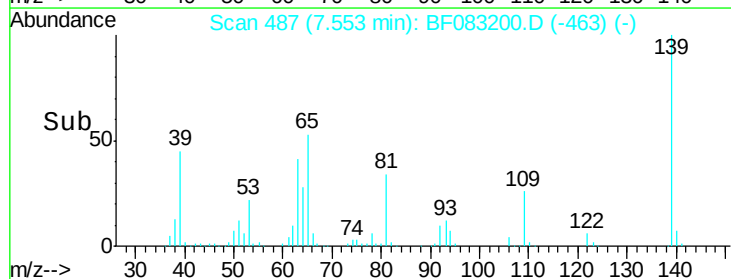
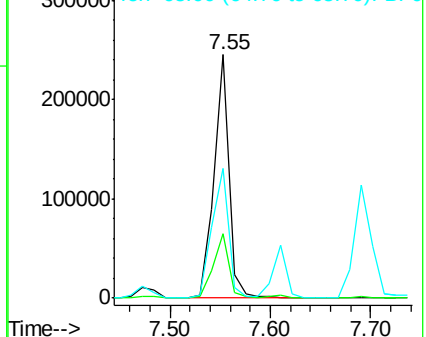
139 100

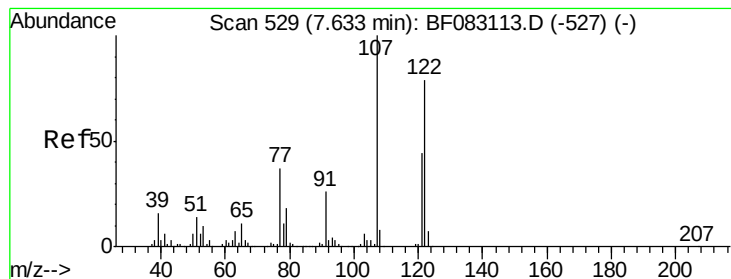
109 26.2 23.9 35.9

65 53.5 42.7 64.1



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





#27

2,4-Dimethylphenol

Concen: 32.98 ng

RT: 7.61 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

Instrument :

BNA_F

ClientSampleId :

PB86810BS

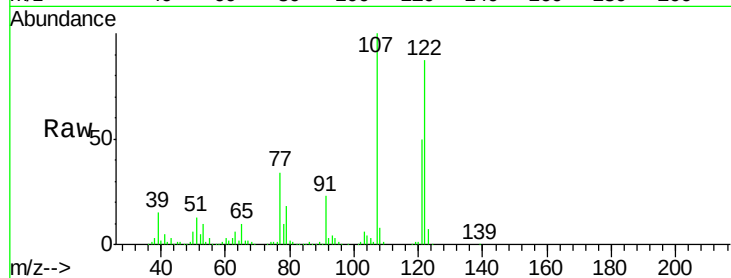
Tgt Ion:122 Resp: 441503

Ion Ratio Lower Upper

122 100

107 115.3 101.1 151.7

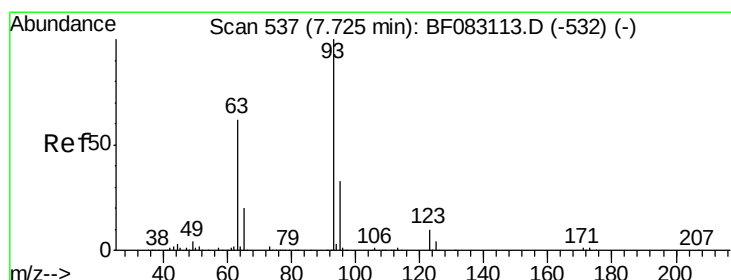
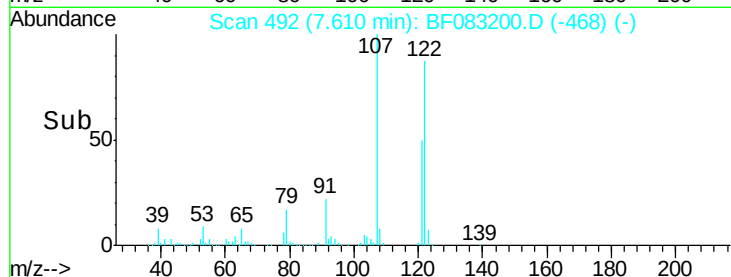
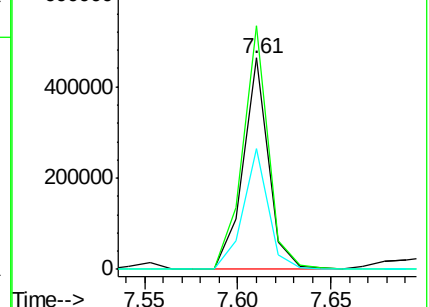
121 57.2 44.9 67.3



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: 30.58 ng

RT: 7.69 min Scan# 499

Delta R.T. -0.03 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

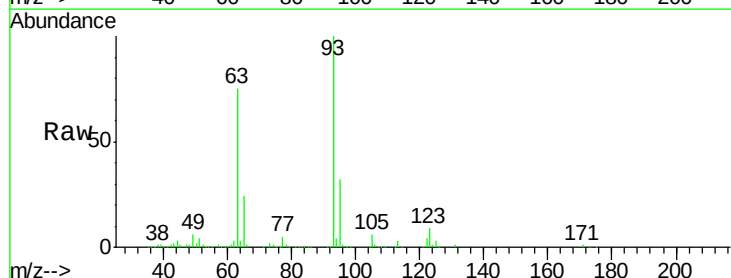
Tgt Ion: 93 Resp: 598580

Ion Ratio Lower Upper

93 100

95 31.8 26.5 39.7

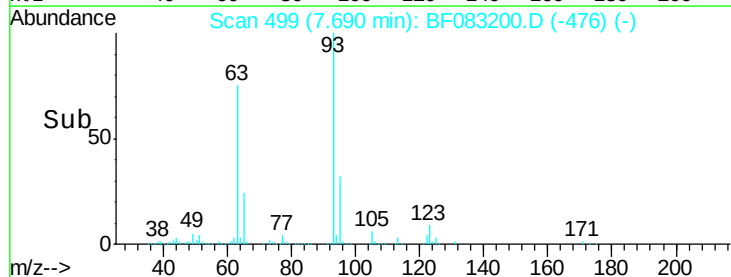
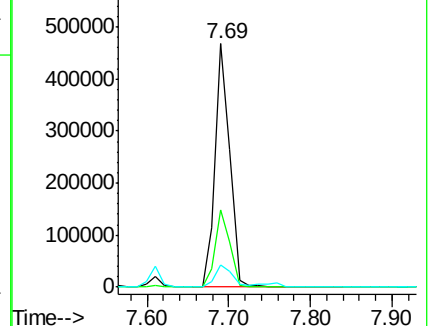
123 9.1 8.1 12.1

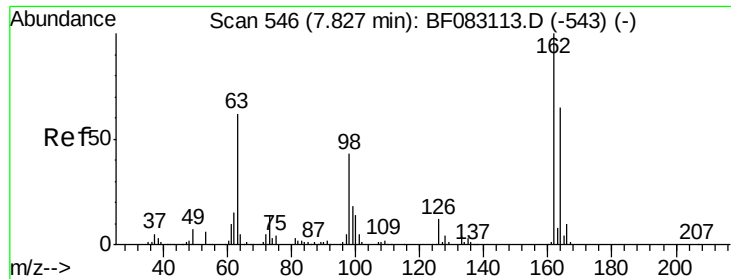


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

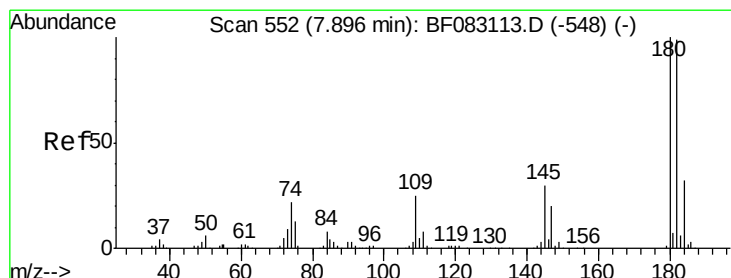
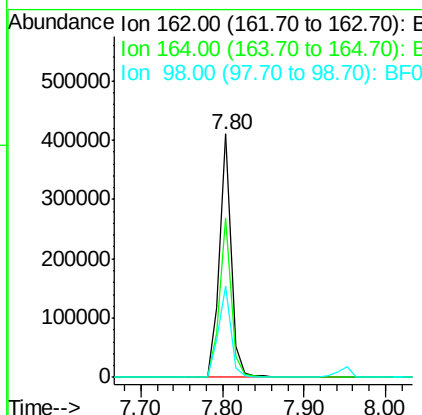
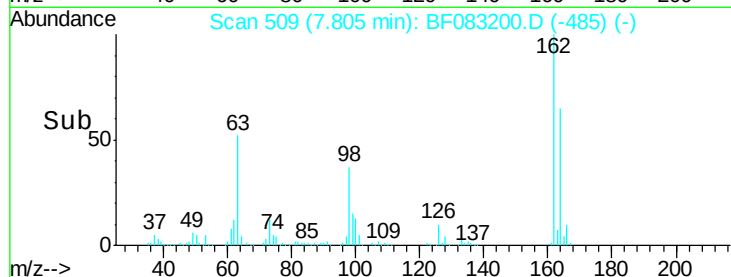
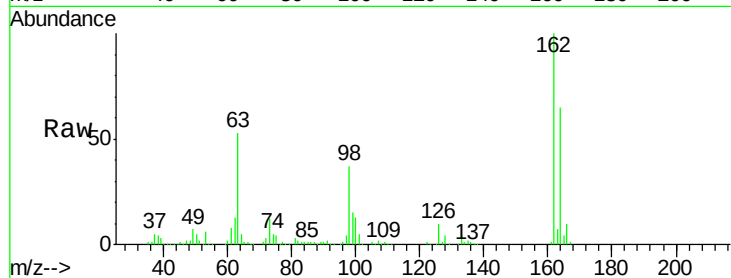




#29
2,4-Dichlorophenol
Concen: 32.28 ng
RT: 7.80 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

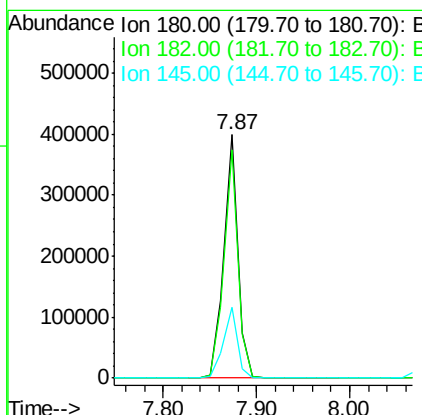
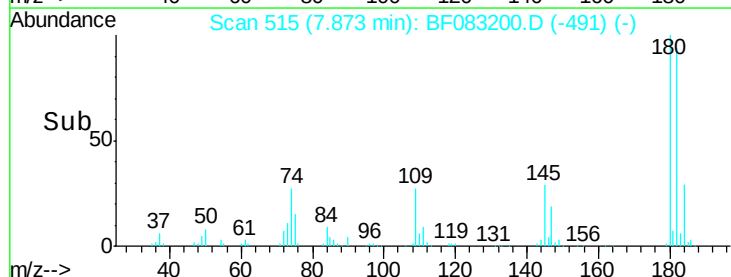
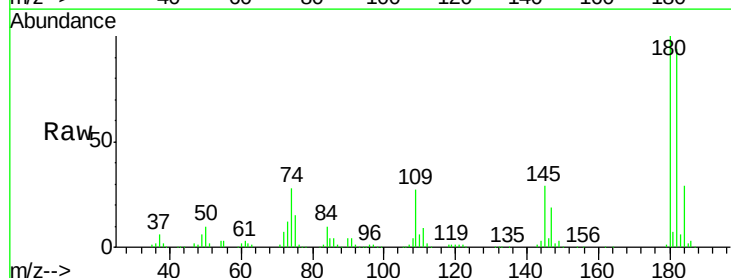
Instrument :
BNA_F
ClientSampleId :
PB86810BS

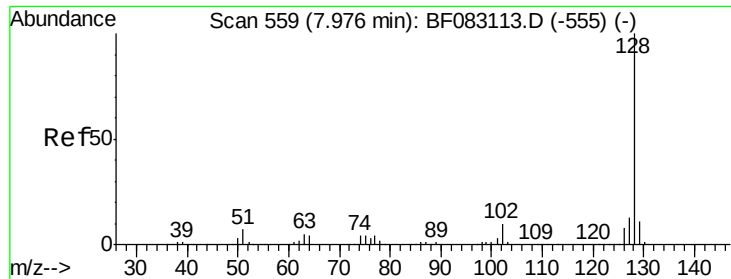
Tgt Ion:162 Resp: 410959
Ion Ratio Lower Upper
162 100
164 65.1 44.8 84.8
98 37.3 23.1 63.1



#30
1,2,4-Trichlorobenzene
Concen: 30.04 ng
RT: 7.87 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:180 Resp: 420081
Ion Ratio Lower Upper
180 100
182 93.8 79.0 118.6
145 29.3 24.2 36.2

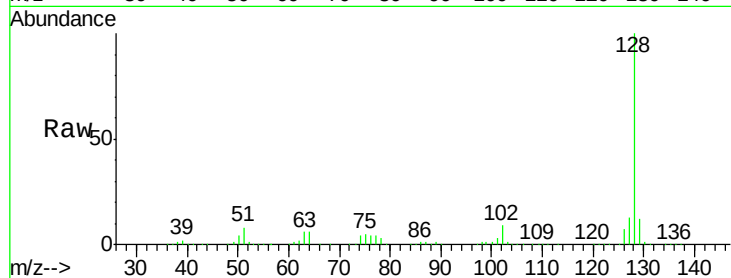




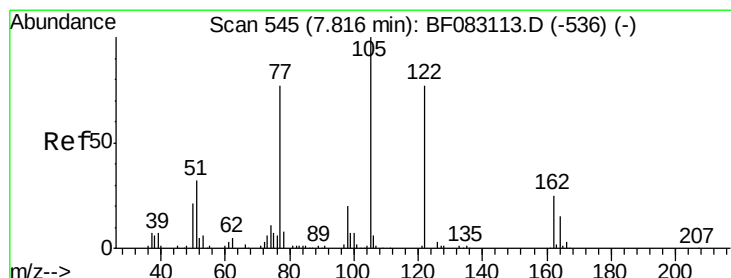
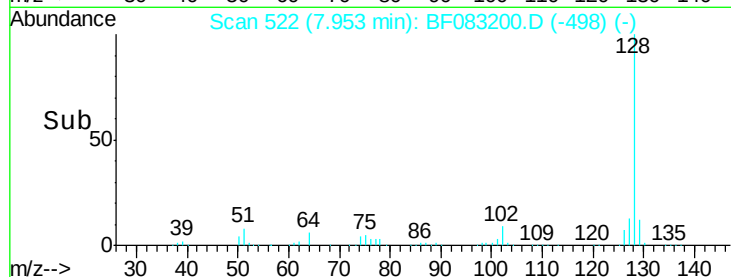
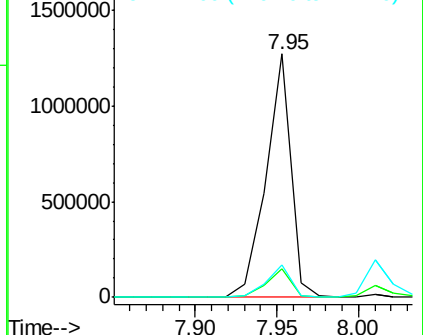
#31
Naphthalene
Concen: 30.91 ng
RT: 7.95 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Instrument :
BNA_F
ClientSampleId :
PB86810BS

Tgt Ion:128 Resp: 1355391
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.2 10.6 15.8

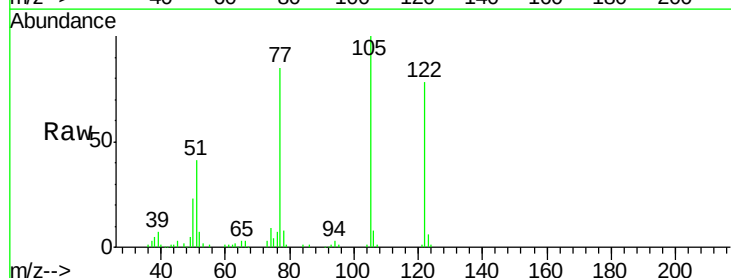


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

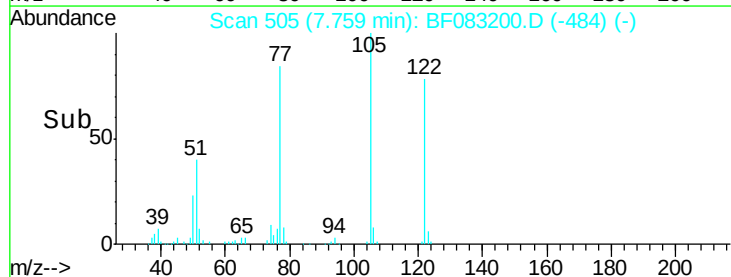
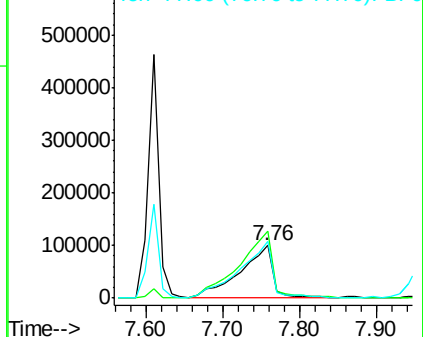


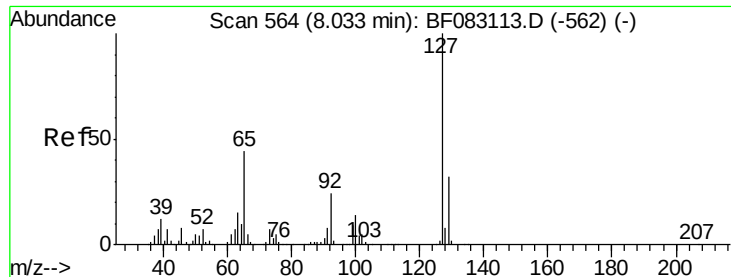
#32
Benzoic acid
Concen: 28.16 ng
RT: 7.76 min Scan# 505
Delta R.T. -0.06 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:122 Resp: 293002
Ion Ratio Lower Upper
122 100
105 128.1 109.7 149.7
77 108.6 79.7 119.7



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

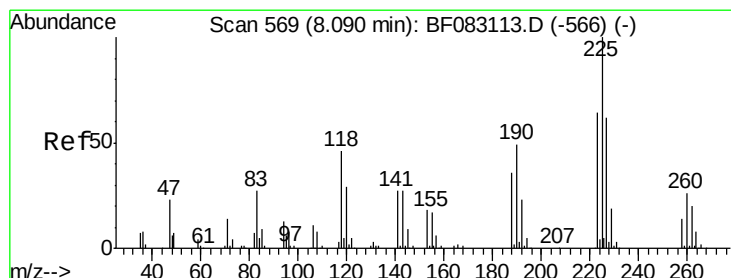
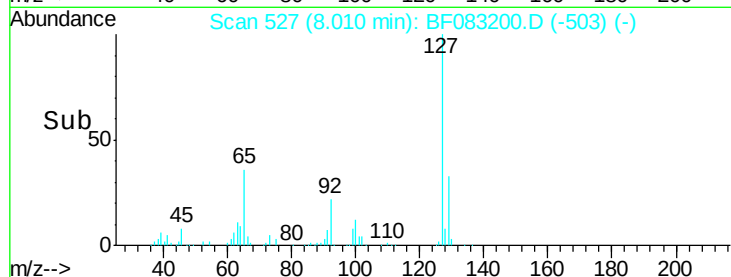
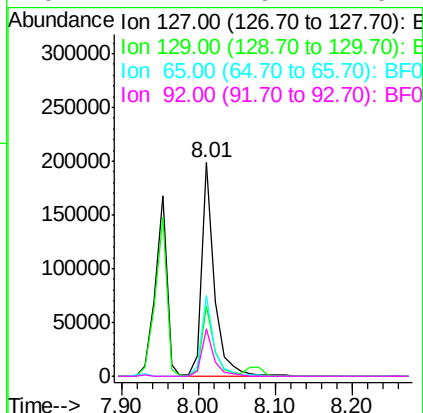
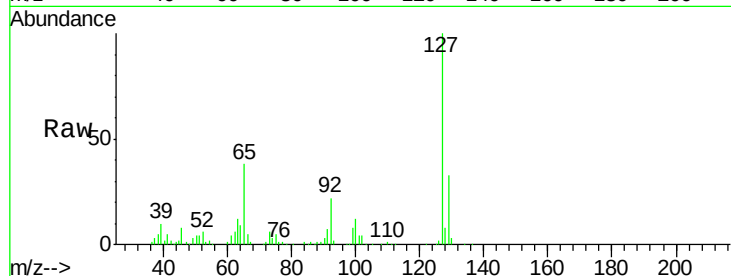




#33
4-Chloroaniline
Concen: 13.26 ng
RT: 8.01 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

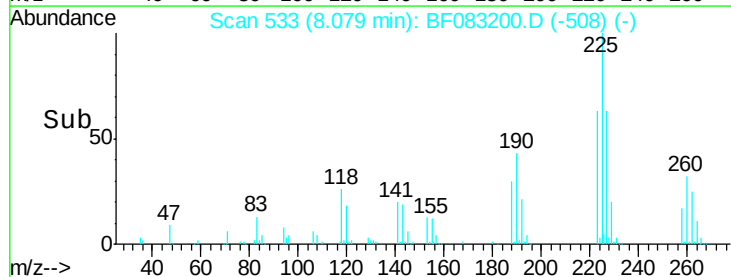
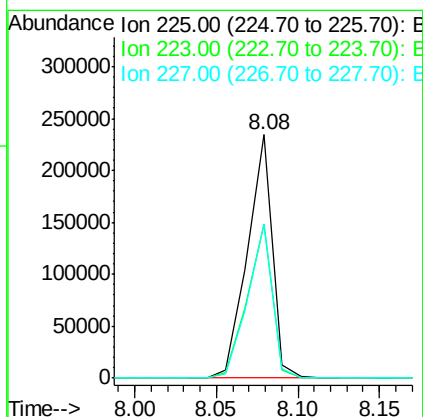
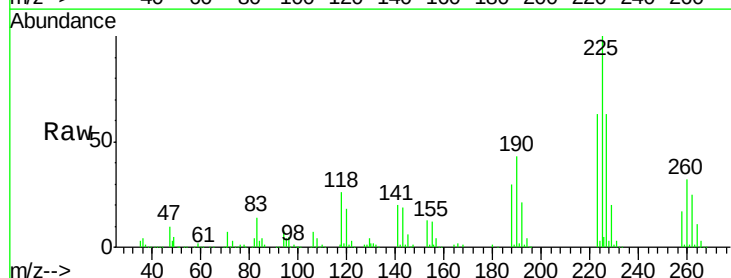
Instrument :
BNA_F
ClientSampleId :
PB86810BS

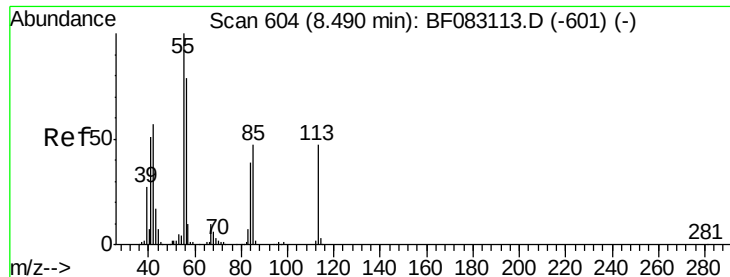
Tgt Ion:	127	Resp:	225571
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.7	38.5
65	37.8	35.5	53.3
92	22.1	19.4	29.2



#34
Hexachlorobutadiene
Concen: 29.99 ng
RT: 8.08 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:	225	Resp:	247892
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.3	76.9
227	63.3	49.8	74.8

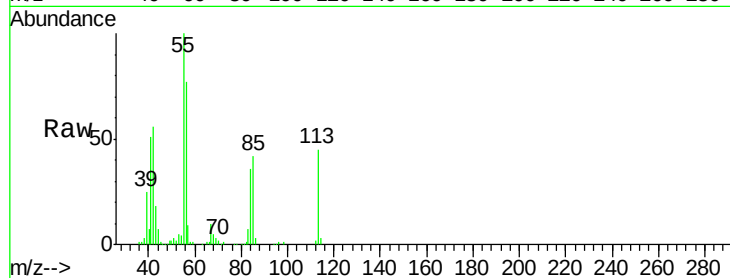




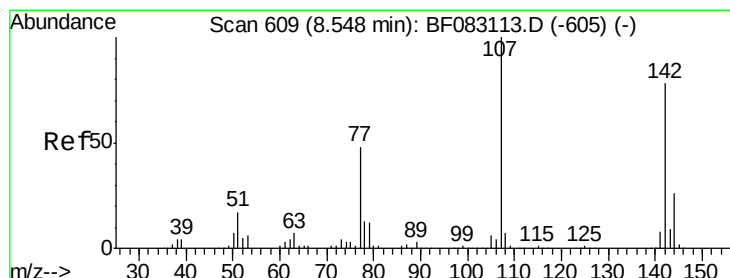
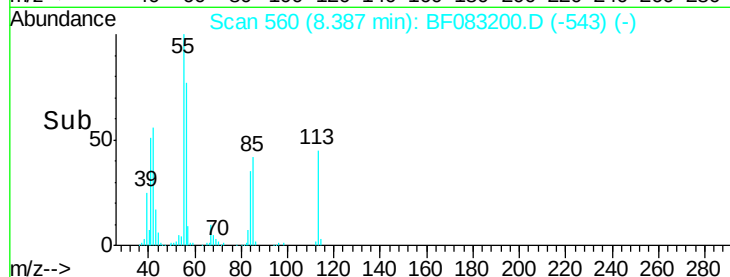
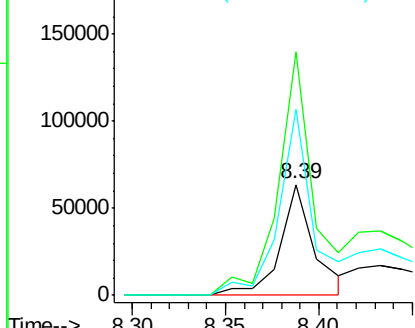
#35
 Caprolactam
 Concen: 19.85 ng
 RT: 8.39 min Scan# 560
 Delta R.T. -0.10 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB86810BS

Tgt Ion:113 Resp: 80973
 Ion Ratio Lower Upper
 113 100
 55 220.4 192.6 232.6
 56 168.9 148.6 188.6

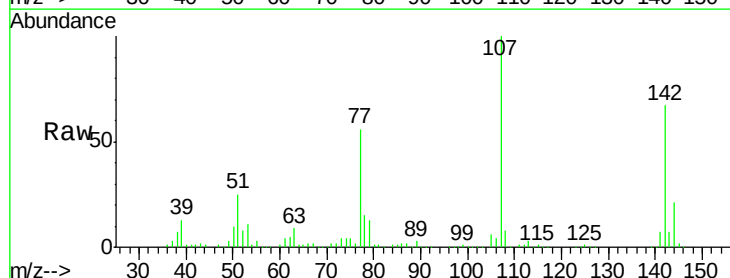


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

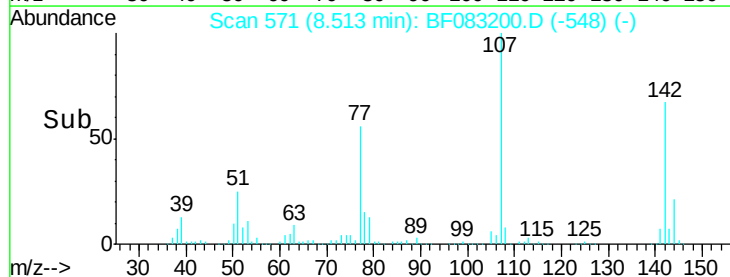
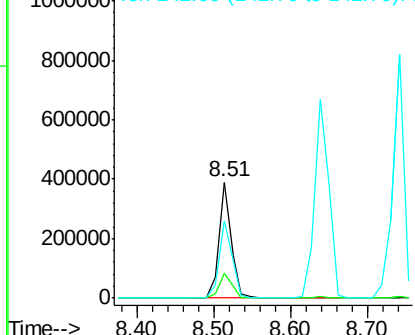


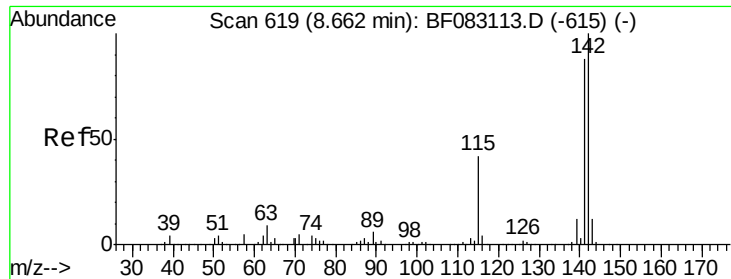
#36
 4-Chloro-3-methylphenol
 Concen: 29.39 ng
 RT: 8.51 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

Tgt Ion:107 Resp: 433407
 Ion Ratio Lower Upper
 107 100
 144 21.0 20.8 31.2
 142 66.8 62.1 93.1



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

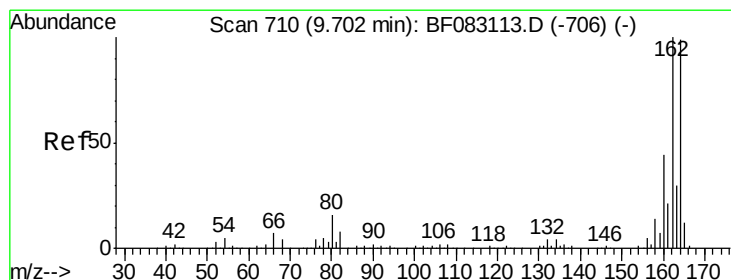
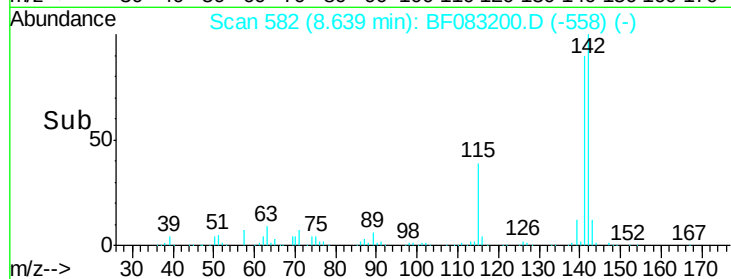
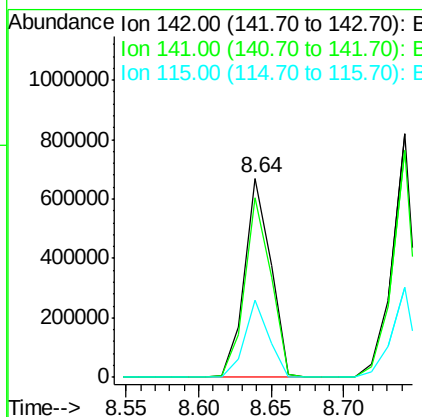
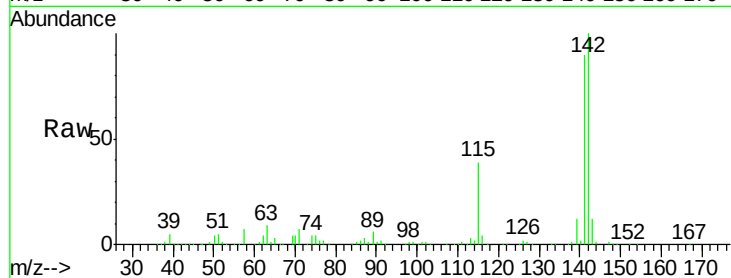




#37
 2-Methylnaphthalene
 Concen: 29.76 ng
 RT: 8.64 min Scan# 582
 Delta R.T. -0.02 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

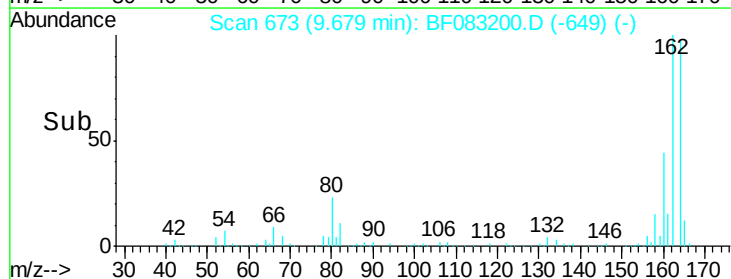
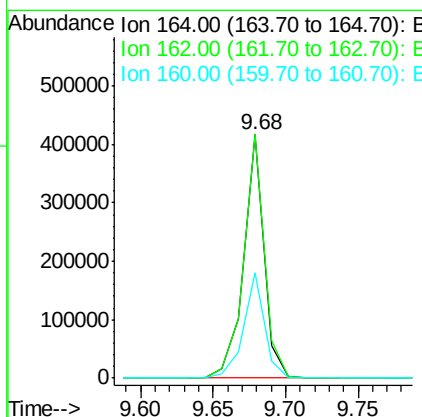
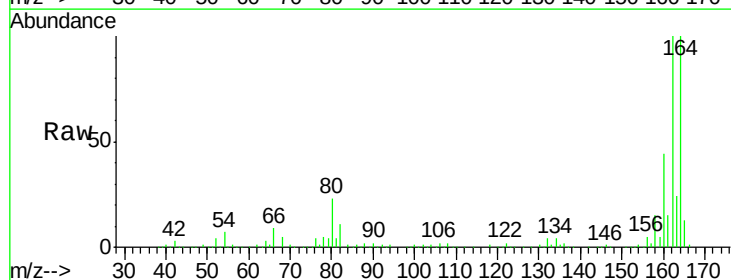
Instrument :
 BNA_F
 ClientSampleId :
 PB86810BS

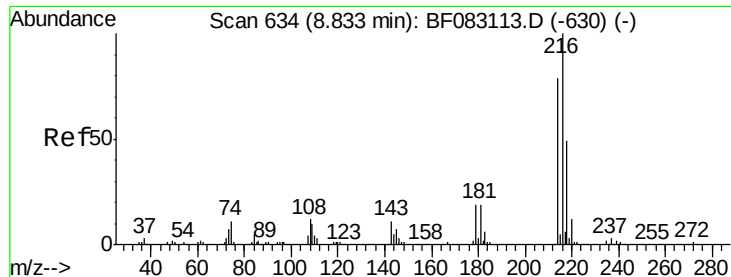
Tgt Ion:142 Resp: 846890
 Ion Ratio Lower Upper
 142 100
 141 89.9 70.3 105.5
 115 38.7 33.4 50.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

Tgt Ion:164 Resp: 408331
 Ion Ratio Lower Upper
 164 100
 162 99.8 81.2 121.8
 160 43.5 35.6 53.4

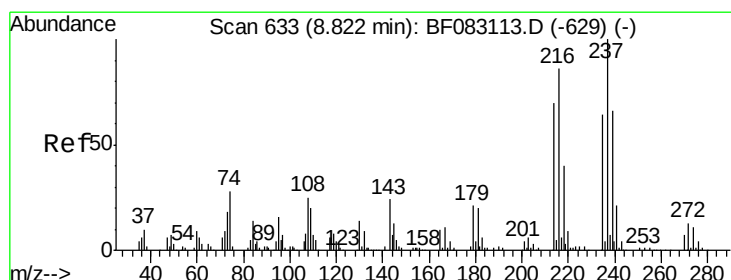
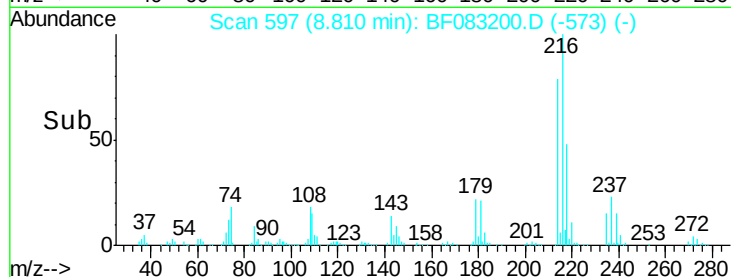
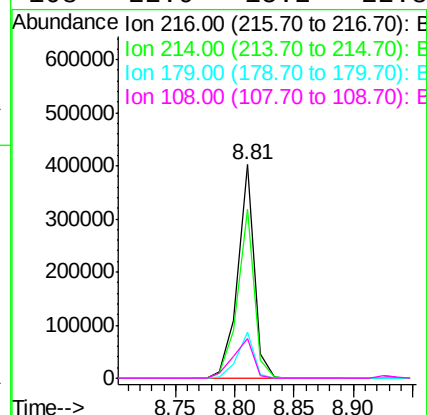
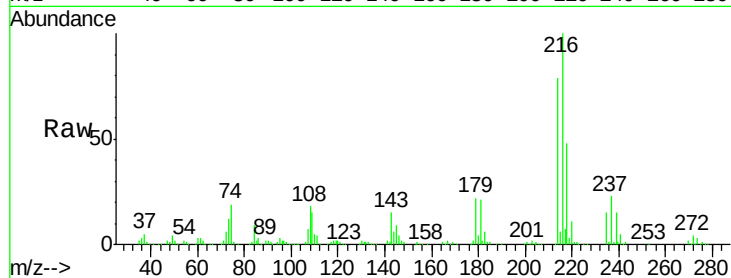




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.84 ng
 RT: 8.81 min Scan# 597
 Delta R.T. -0.02 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

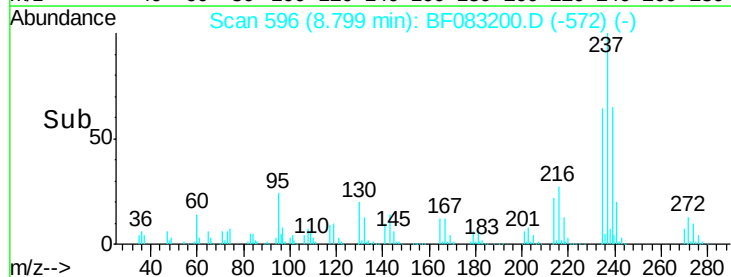
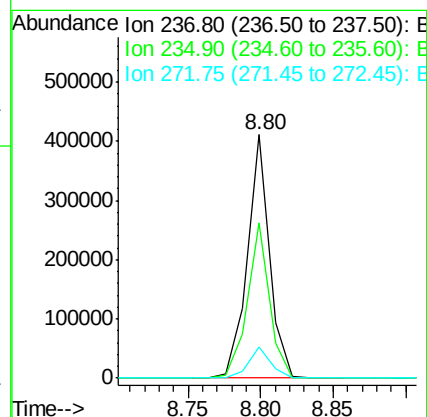
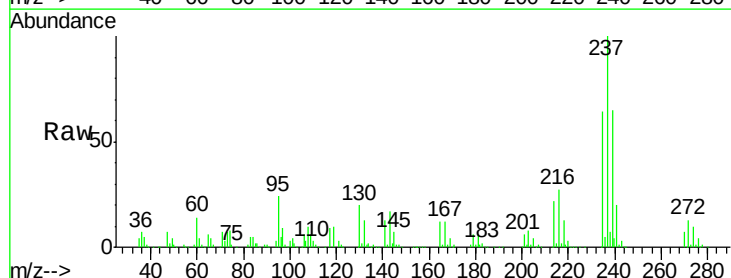
Instrument :
 BNA_F
 ClientSampleId :
 PB86810BS

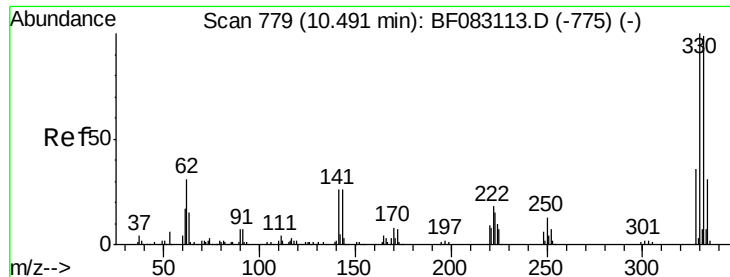
Tgt Ion:	216	Resp:	394930
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.8	95.8
179	21.8	17.0	25.6
108	22.9	15.2	22.8#



#40
 Hexachlorocyclopentadiene
 Concen: 57.46 ng
 RT: 8.80 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

Tgt Ion:	237	Resp:	432392
Ion	Ratio	Lower	Upper
237	100		
235	63.7	43.5	83.5
272	12.7	0.0	33.1

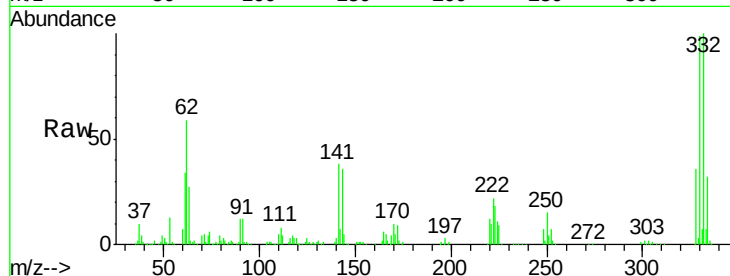




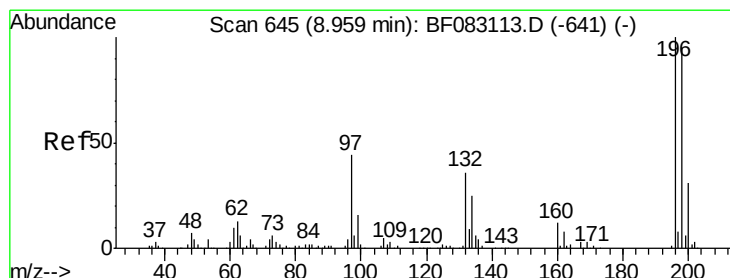
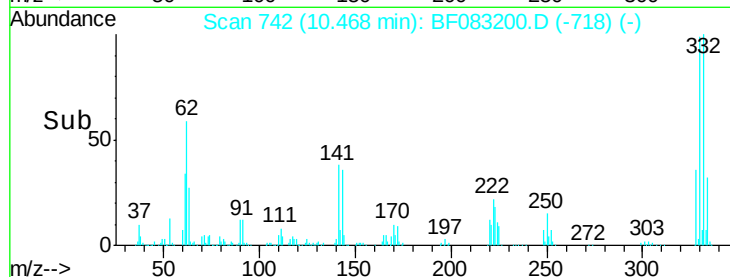
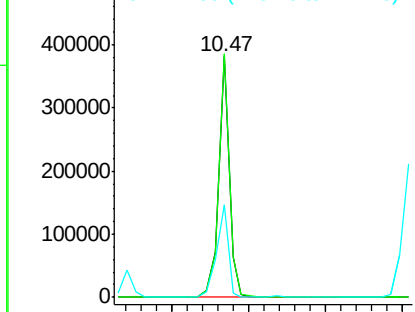
#41
 2,4,6-Tribromophenol
 Concen: 88.22 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB86810BS

Tgt Ion:330 Resp: 368555
 Ion Ratio Lower Upper
 330 100
 332 100.4 77.7 116.5
 141 41.6 29.7 44.5

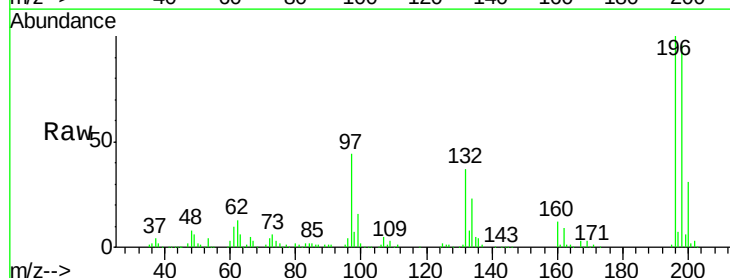


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

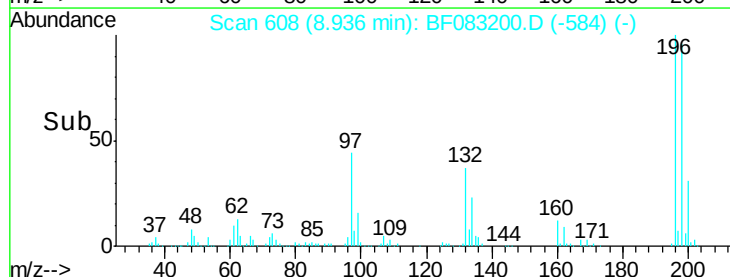
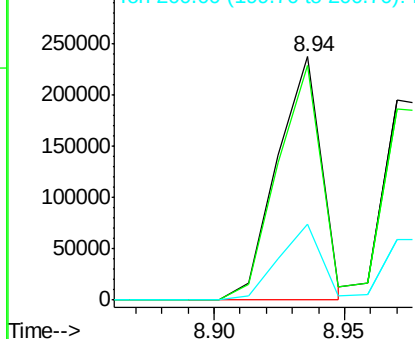


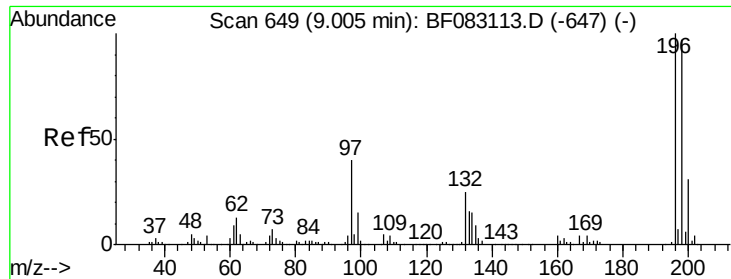
#42
 2,4,6-Trichlorophenol
 Concen: 29.48 ng
 RT: 8.94 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

Tgt Ion:196 Resp: 279447
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.9 113.9
 200 31.1 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

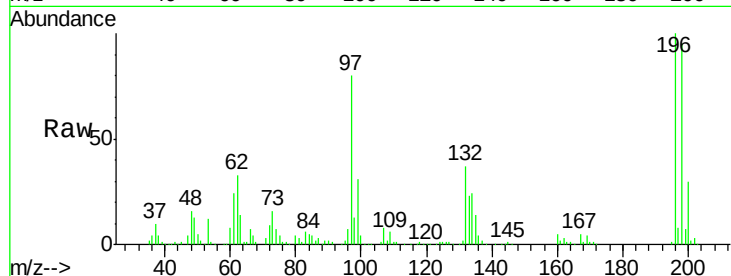




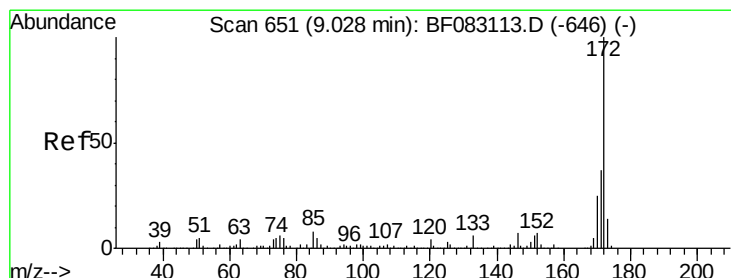
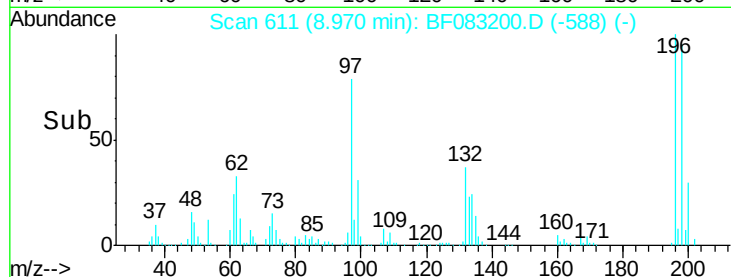
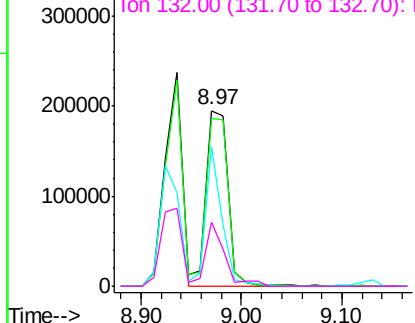
#43
 2,4,5-Trichlorophenol
 Concen: 30.07 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB86810BS

Tgt Ion:196 Resp: 291377
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.6 116.4
 97 79.7 32.6 48.8#
 132 36.7 19.8 29.8#

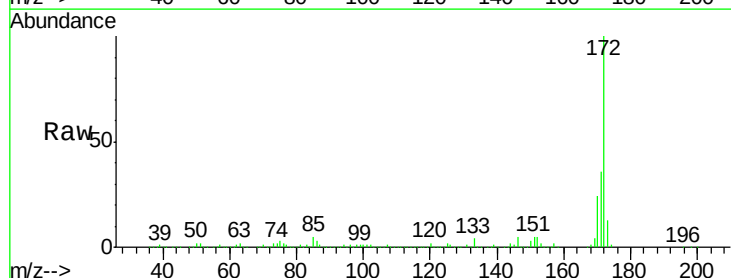


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

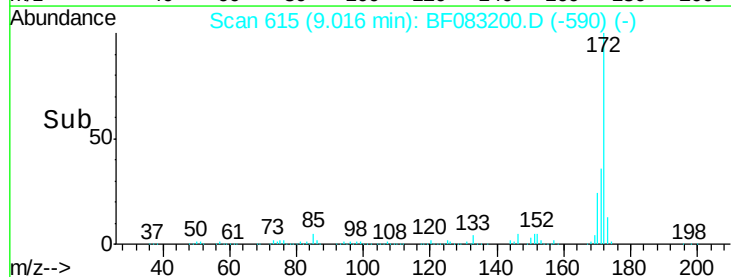
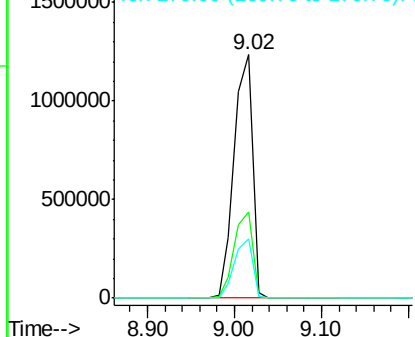


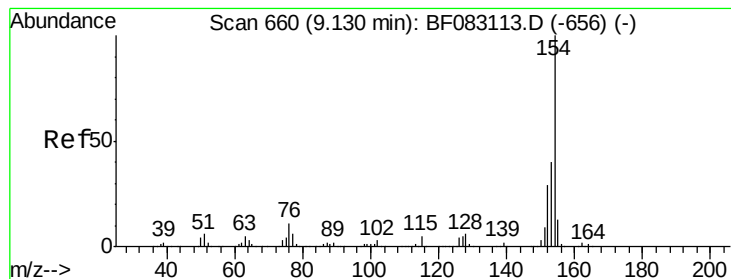
#44
 2-Fluorobiphenyl
 Concen: 62.10 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

Tgt Ion:172 Resp: 1818406
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.5 44.3
 170 24.1 19.9 29.9



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





#45

1,1'-Biphenyl

Concen: 30.92 ng

RT: 9.11 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

Instrument :

BNA_F

ClientSampleId :

PB86810BS

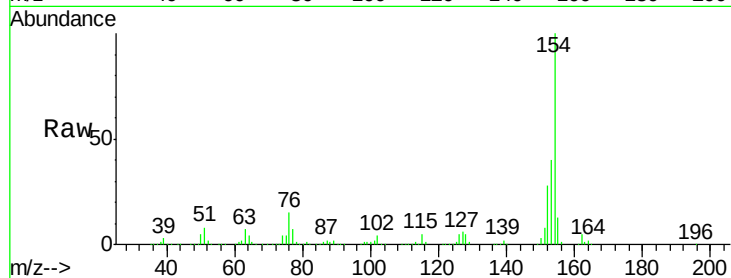
Tgt Ion:154 Resp: 1074646

Ion Ratio Lower Upper

154 100

153 40.0 20.5 60.5

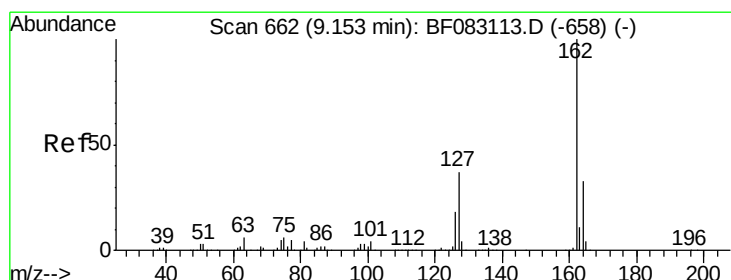
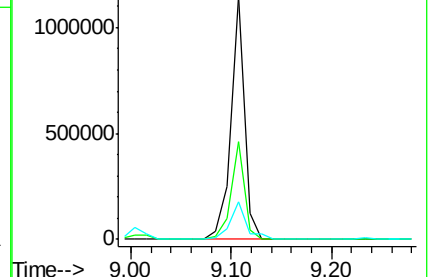
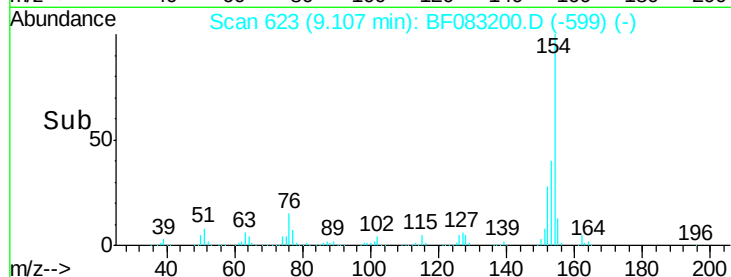
76 15.4 0.0 31.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 31.66 ng

RT: 9.13 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

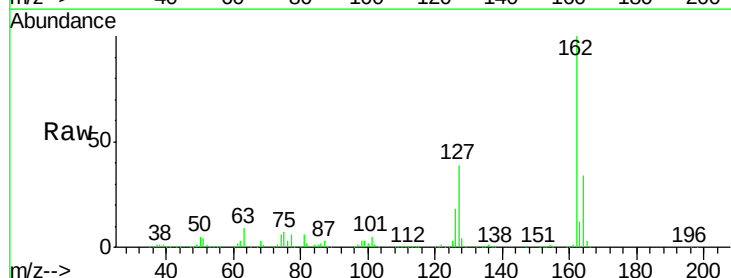
Tgt Ion:162 Resp: 864191

Ion Ratio Lower Upper

162 100

127 39.0 29.4 44.2

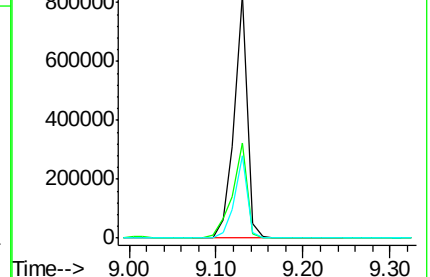
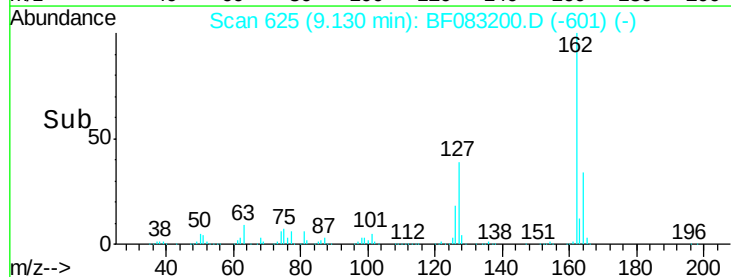
164 33.8 26.2 39.4

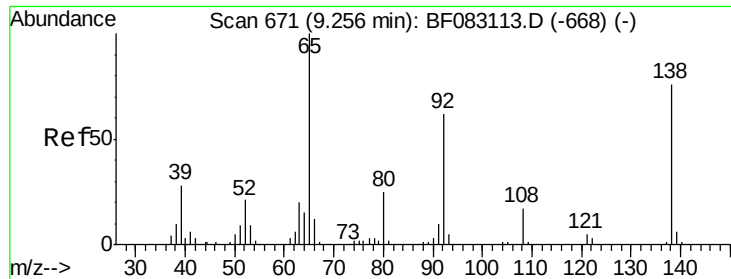


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

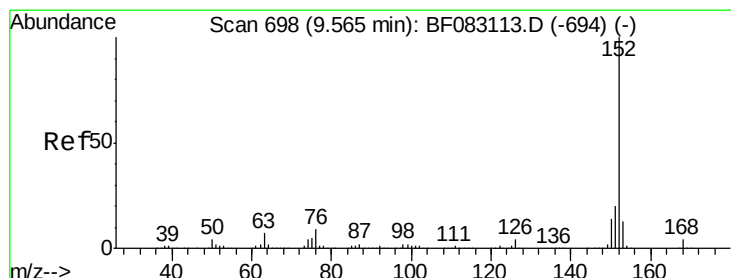
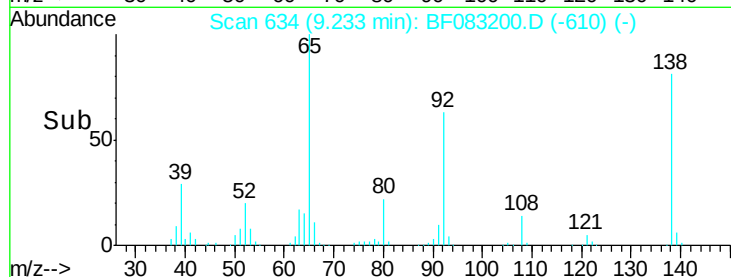
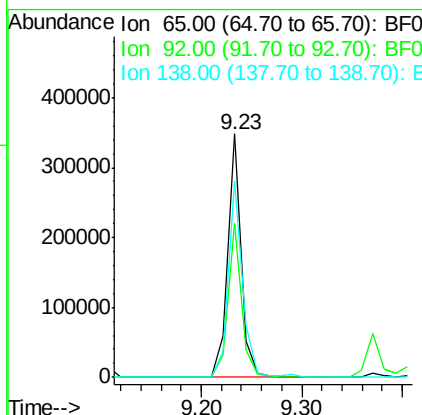
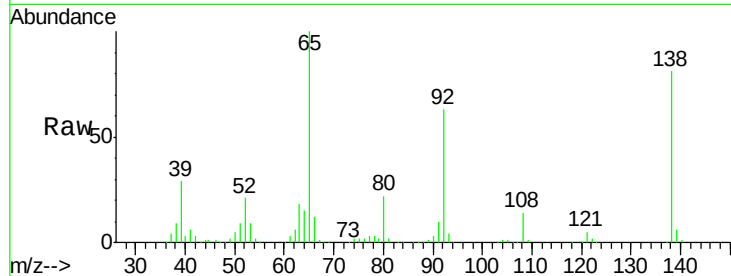




#47
 2-Nitroaniline
 Concen: 33.49 ng
 RT: 9.23 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

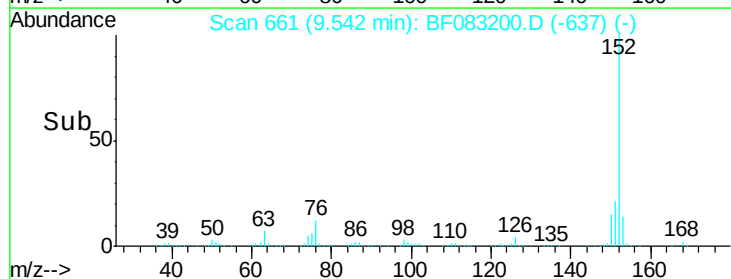
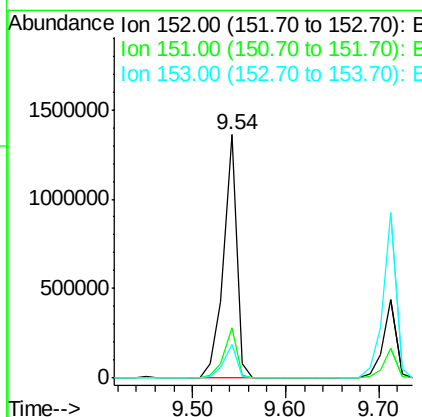
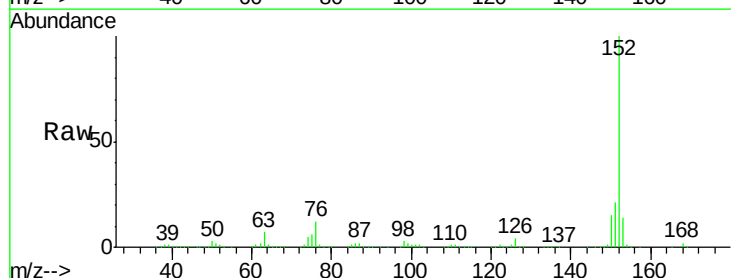
Instrument :
 BNA_F
 ClientSampleId :
 PB86810BS

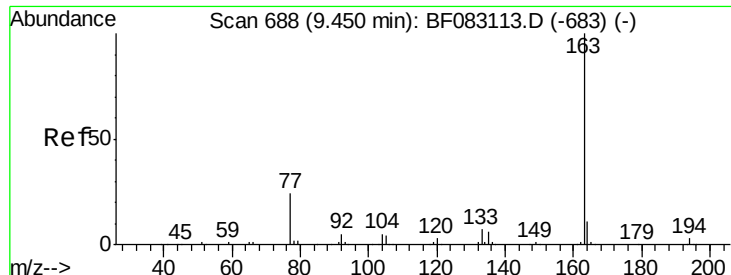
Tgt Ion: 65 Resp: 323391
 Ion Ratio Lower Upper
 65 100
 92 63.0 49.5 74.3
 138 80.8 60.7 91.1



#48
 Acenaphthylene
 Concen: 31.78 ng
 RT: 9.54 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

Tgt Ion: 152 Resp: 1344383
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.3 24.5
 153 14.1 10.8 16.2

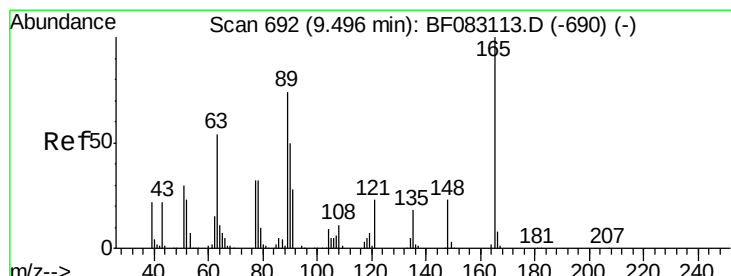
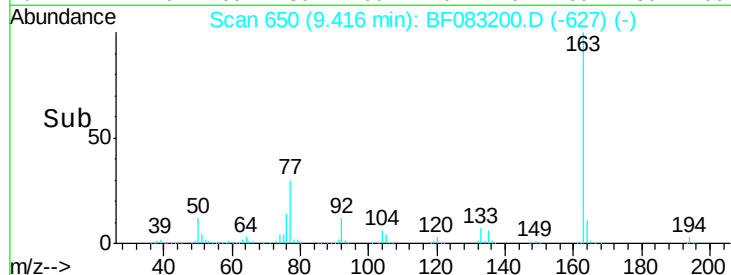
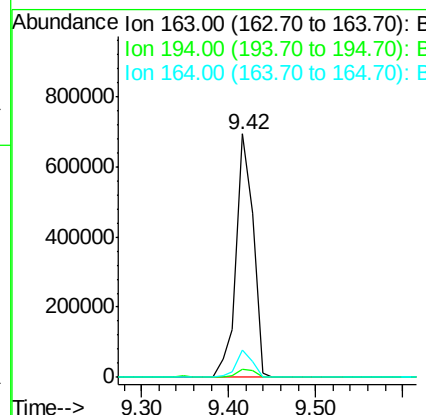
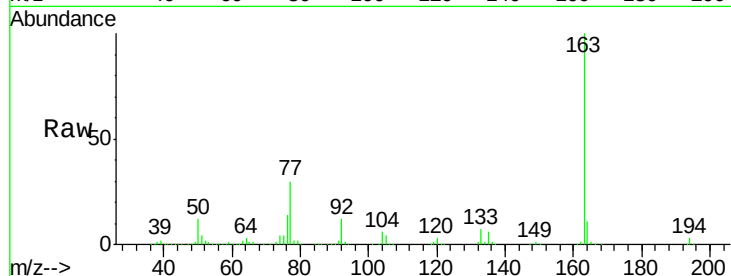




#49
Dimethylphthalate
Concen: 29.85 ng
RT: 9.42 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

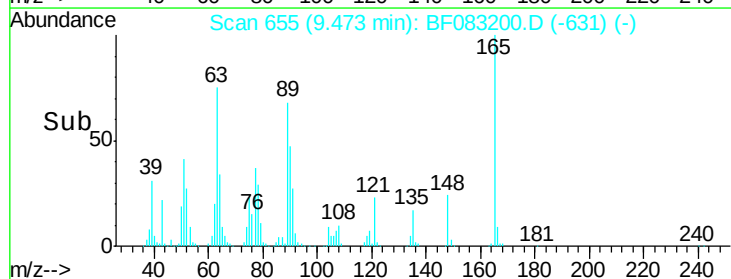
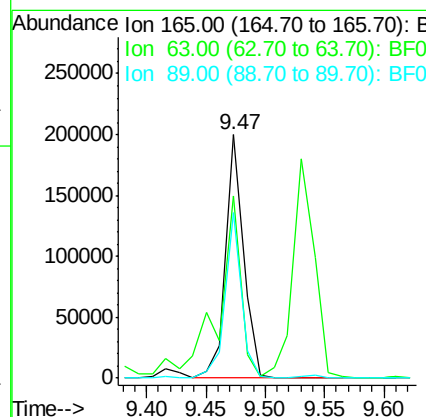
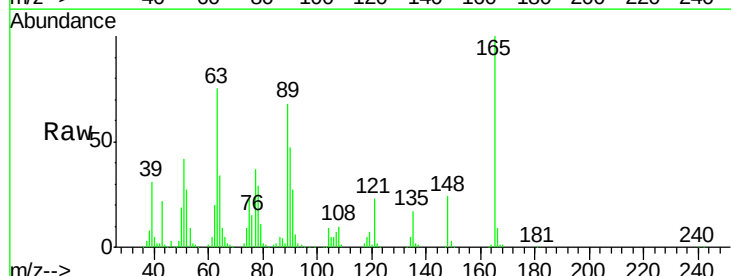
Instrument :
BNA_F
ClientSampleId :
PB86810BS

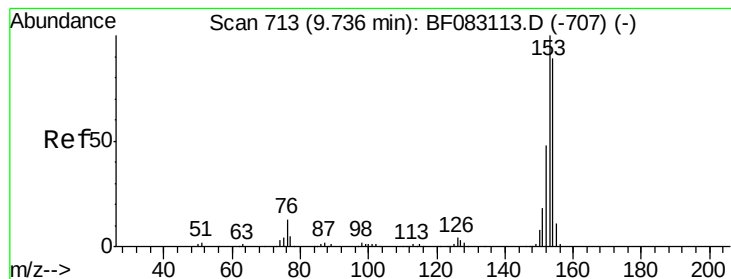
Tgt Ion:163 Resp: 938301
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 11.1 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 29.37 ng
RT: 9.47 min Scan# 655
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:165 Resp: 207168
Ion Ratio Lower Upper
165 100
63 75.0 62.5 93.7
89 68.0 59.1 88.7





#51

Acenaphthene

Concen: 31.80 ng

RT: 9.71 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

Instrument :

BNA_F

ClientSampleId :

PB86810BS

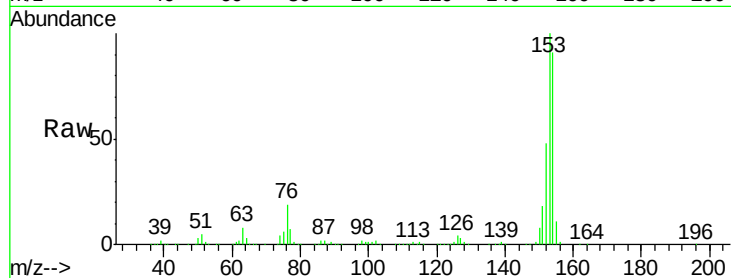
Tgt Ion:154 Resp: 818772

Ion Ratio Lower Upper

154 100

153 110.5 89.6 134.4

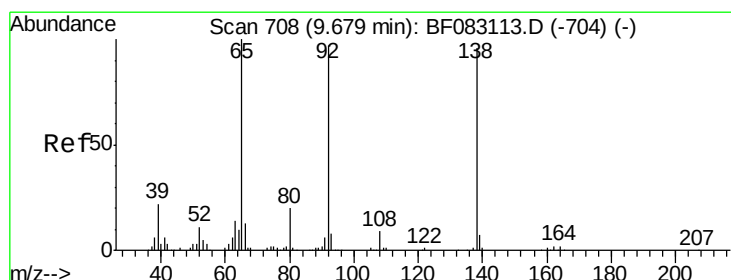
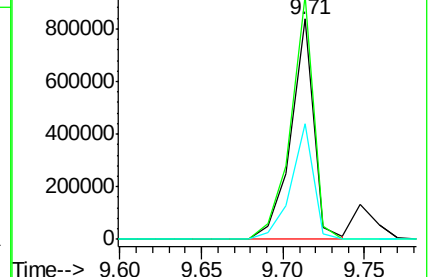
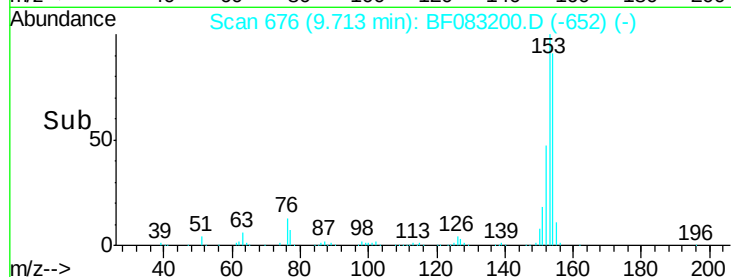
152 52.5 43.3 64.9



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: 17.81 ng

RT: 9.64 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

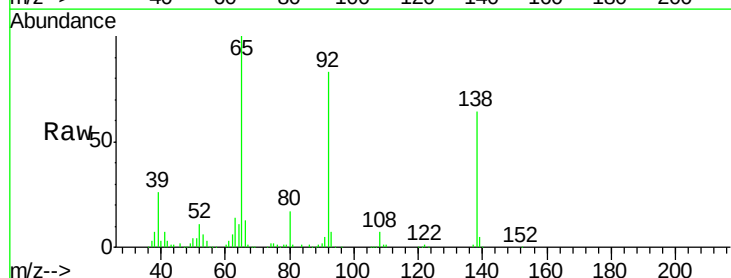
Tgt Ion:138 Resp: 133972

Ion Ratio Lower Upper

138 100

108 10.4 7.8 11.6

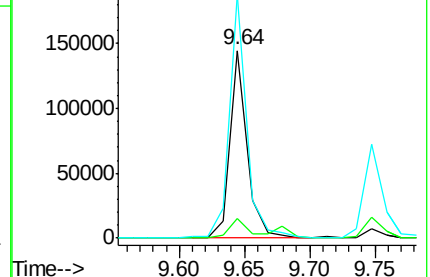
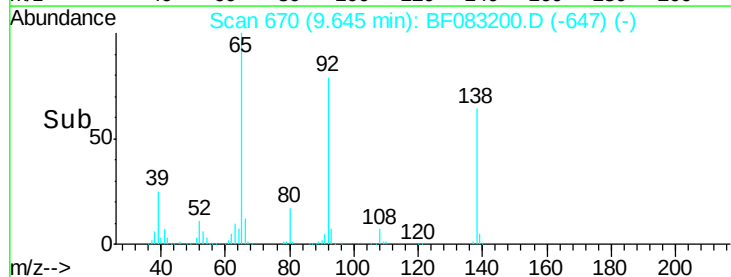
92 130.0 81.1 121.7#

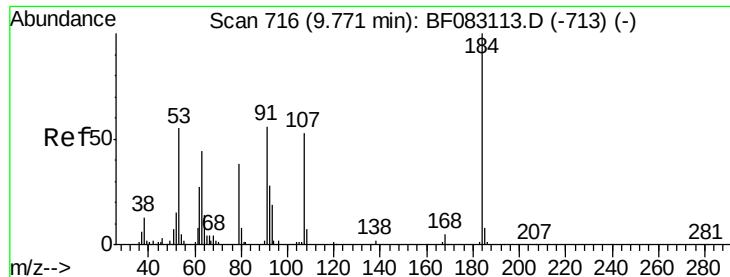


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

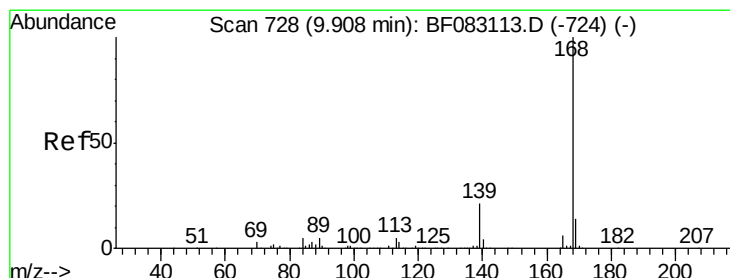
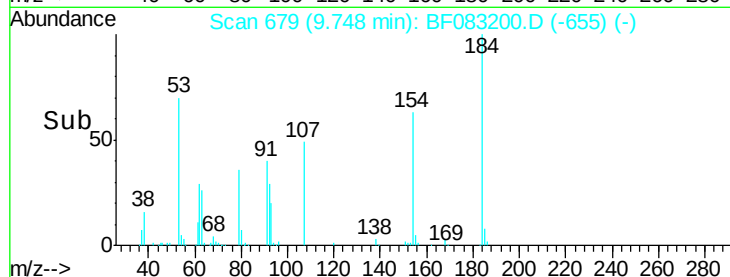
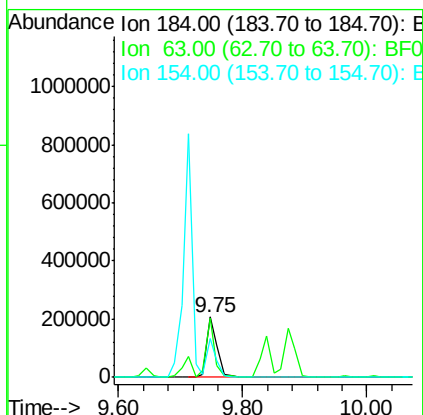
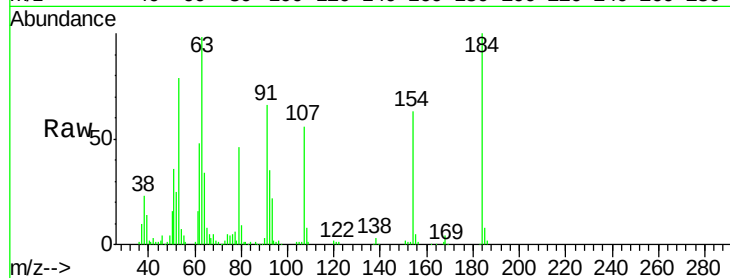




#53
2,4-Dinitrophenol
Concen: 62.18 ng
RT: 9.75 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

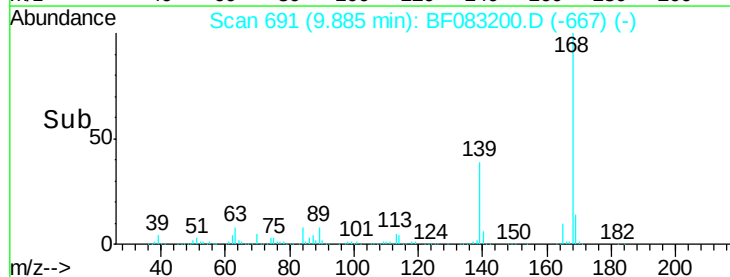
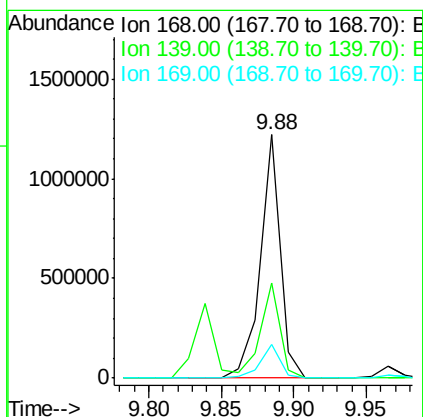
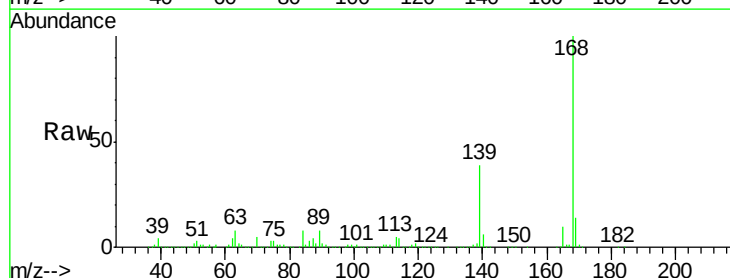
Instrument :
BNA_F
ClientSampleId :
PB86810BS

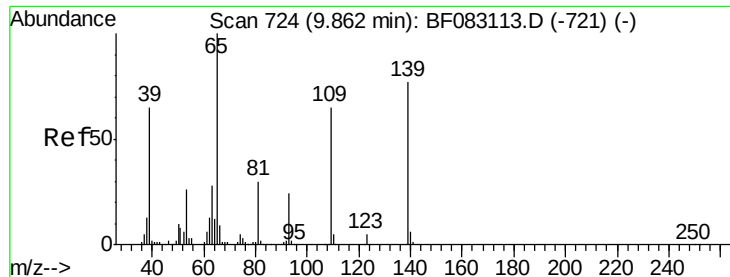
Tgt Ion:184 Resp: 252690
Ion Ratio Lower Upper
184 100
63 97.8 60.5 90.7#
154 63.5 54.3 81.5



#54
Dibenzofuran
Concen: 31.97 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:168 Resp: 1163740
Ion Ratio Lower Upper
168 100
139 39.0 30.2 45.2
169 13.7 10.9 16.3

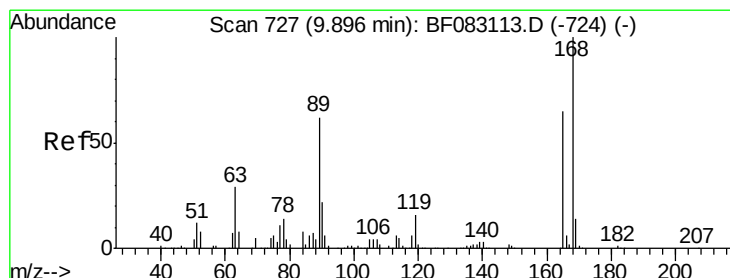
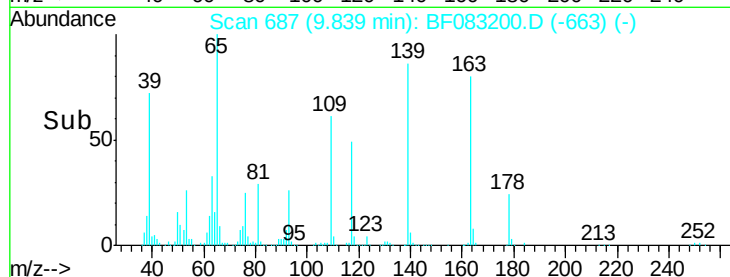
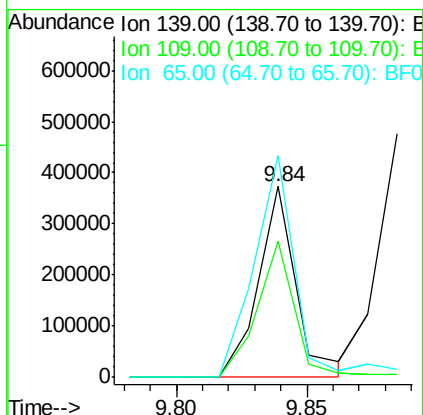
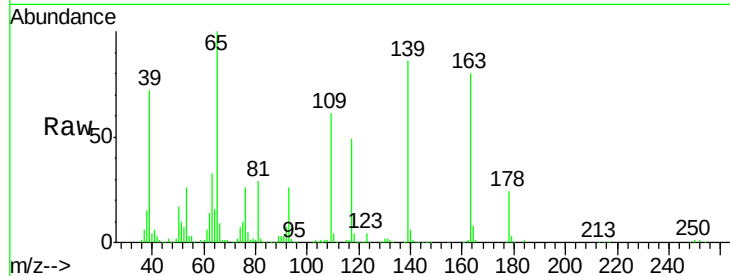




#55
4-Nitrophenol
Concen: 64.62 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

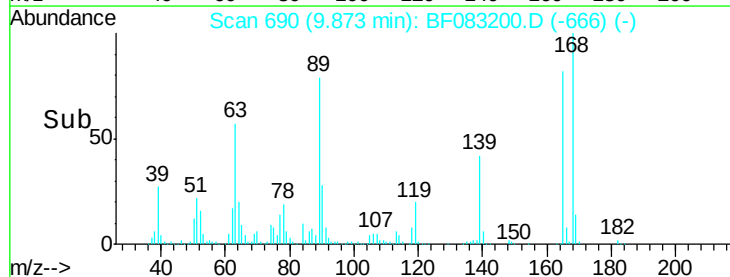
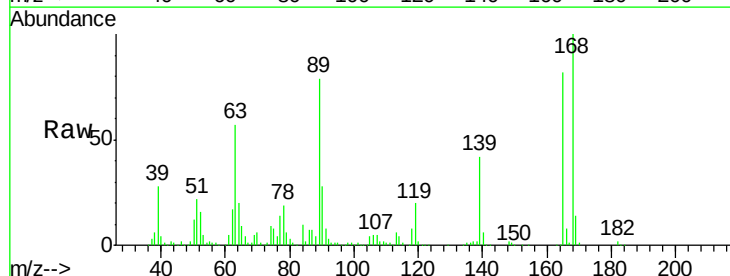
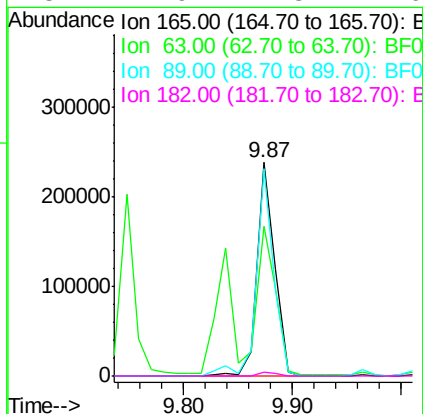
Instrument :
BNA_F
ClientSampleId :
PB86810BS

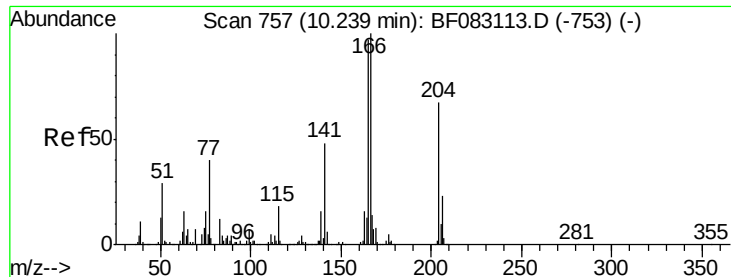
Tgt Ion:139 Resp: 372659
Ion Ratio Lower Upper
139 100
109 71.1 64.0 104.0
65 116.1 109.5 149.5



#56
2,4-Dinitrotoluene
Concen: 30.39 ng
RT: 9.87 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:165 Resp: 271612
Ion Ratio Lower Upper
165 100
63 69.9 54.5 81.7
89 97.2 77.3 115.9
182 1.9 1.8 2.6

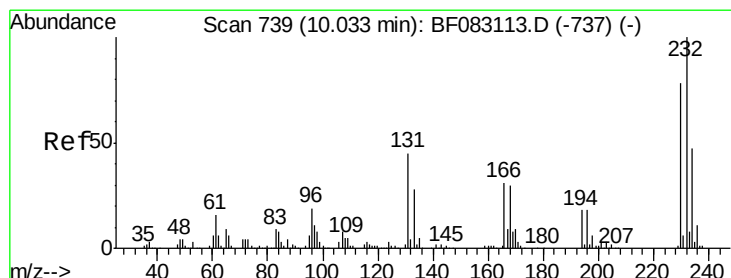
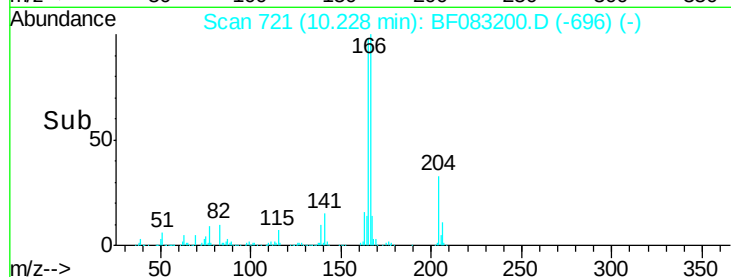
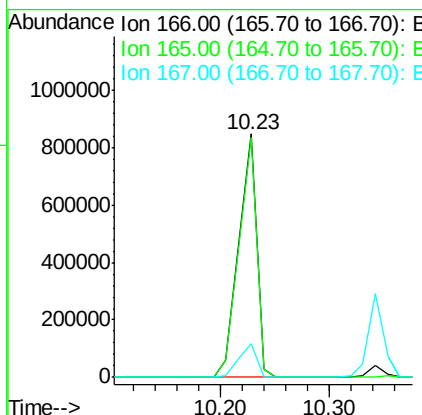
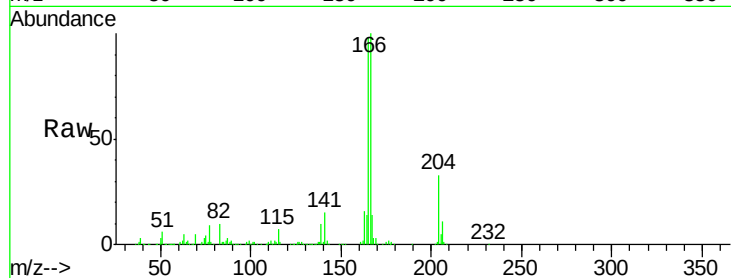




#57
 Fluorene
 Concen: 31.91 ng
 RT: 10.23 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

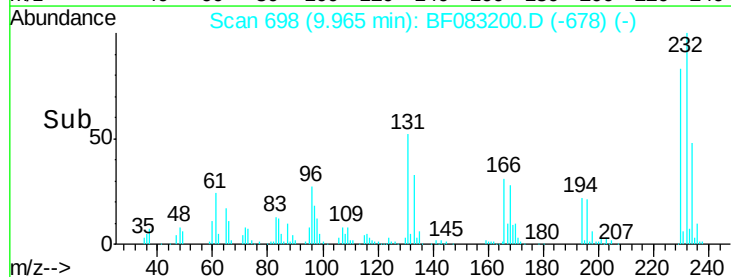
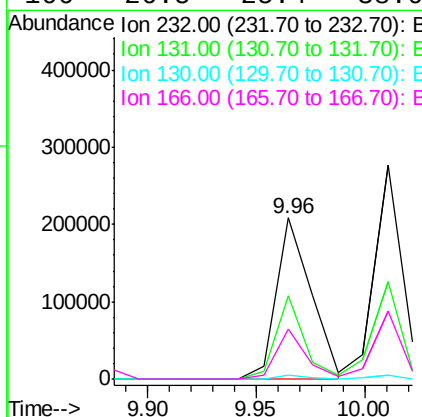
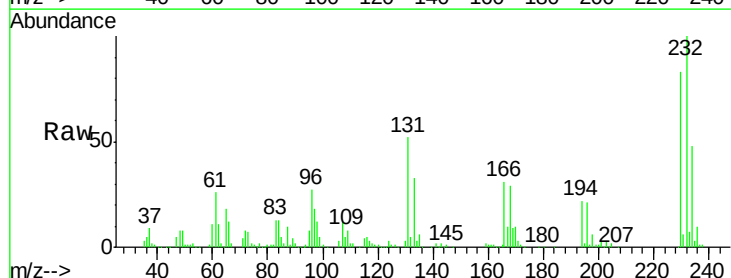
Instrument :
 BNA_F
 ClientSampled :
 PB86810BS

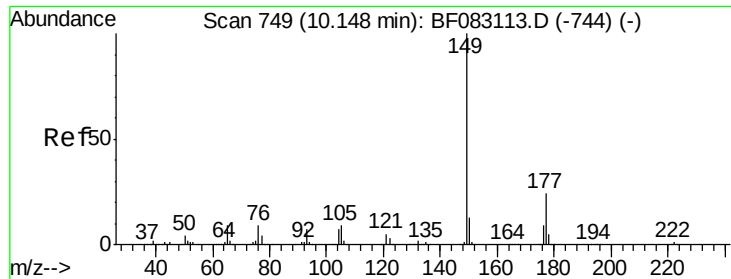
Tgt Ion:166 Resp: 959949
 Ion Ratio Lower Upper
 166 100
 165 98.3 78.0 117.0
 167 13.7 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.49 ng
 RT: 9.96 min Scan# 698
 Delta R.T. -0.07 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

Tgt Ion:232 Resp: 234453
 Ion Ratio Lower Upper
 232 100
 131 42.5 38.6 57.8
 130 2.1 1.9 2.9
 166 26.5 25.4 38.0

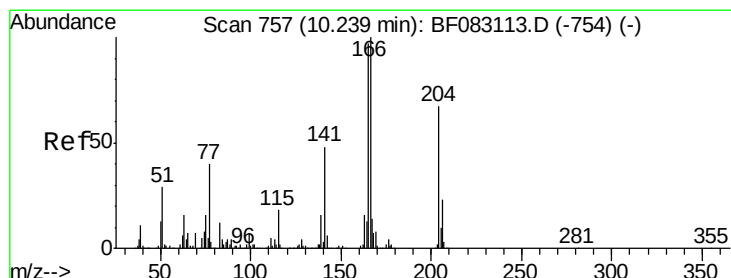
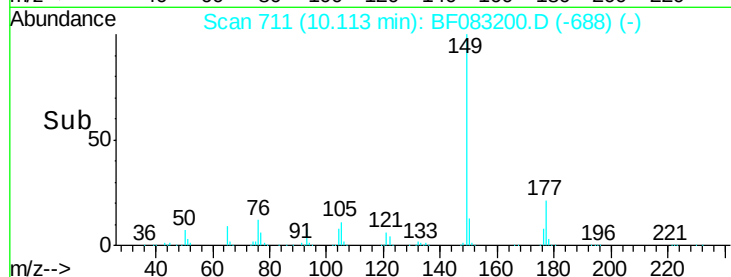
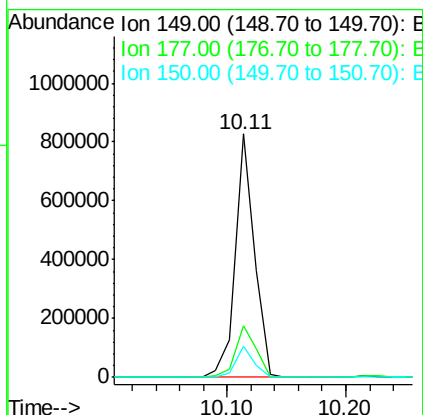
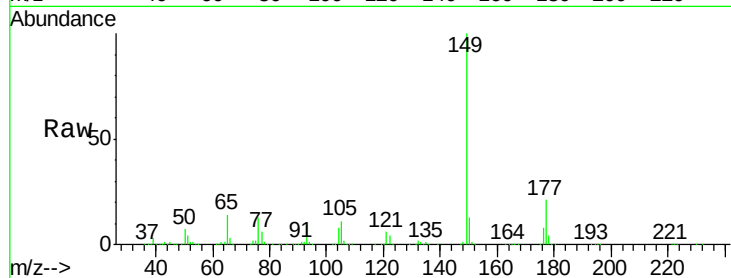




#59
Diethylphthalate
Concen: 29.67 ng
RT: 10.11 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

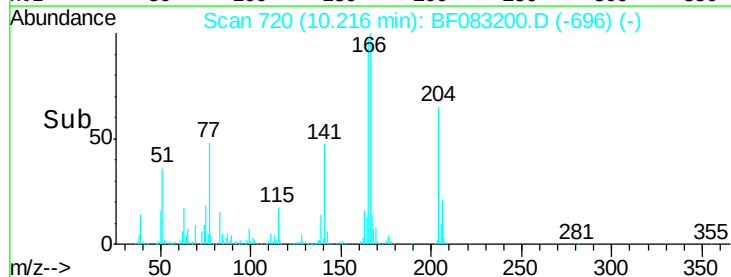
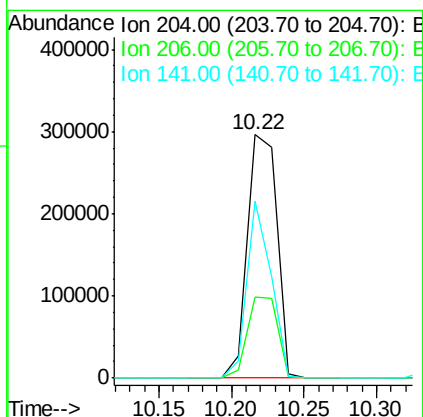
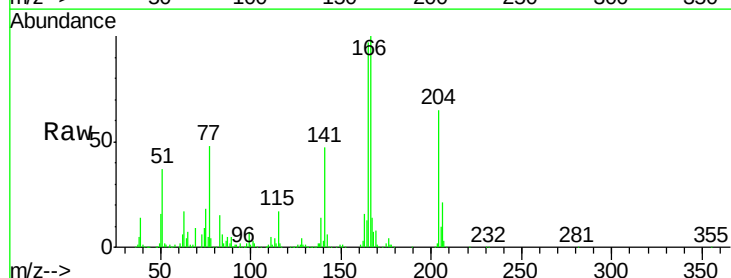
Instrument :
BNA_F
ClientSampleId :
PB86810BS

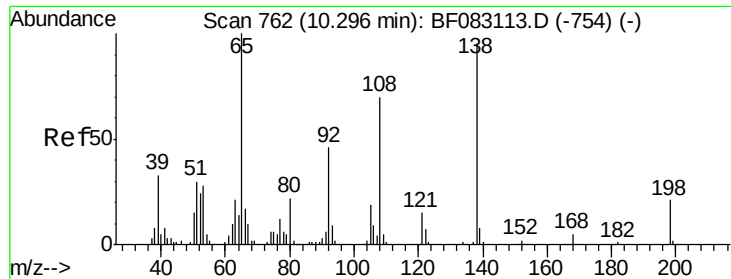
Tgt Ion:149 Resp: 928525
Ion Ratio Lower Upper
149 100
177 21.1 19.4 29.2
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 30.48 ng
RT: 10.22 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:204 Resp: 419971
Ion Ratio Lower Upper
204 100
206 33.0 27.4 41.0
141 72.8 57.4 86.2

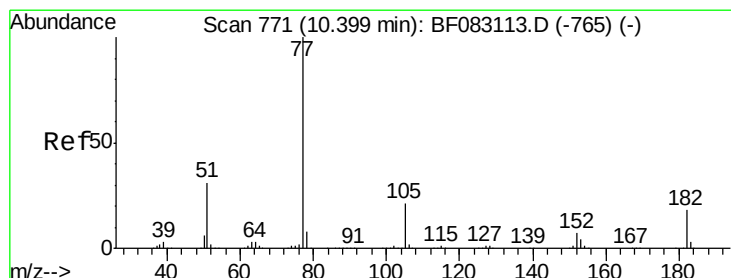
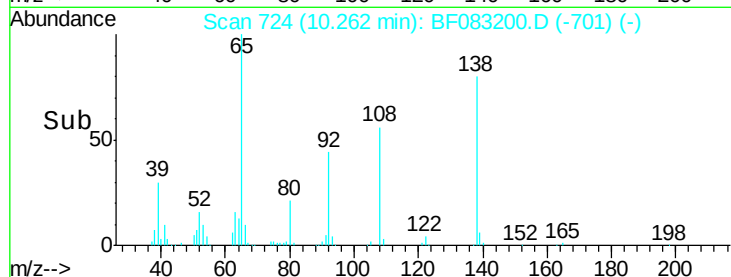
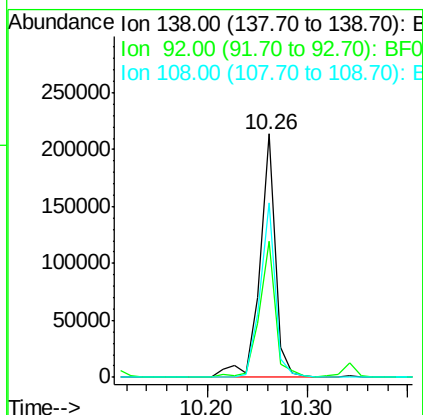
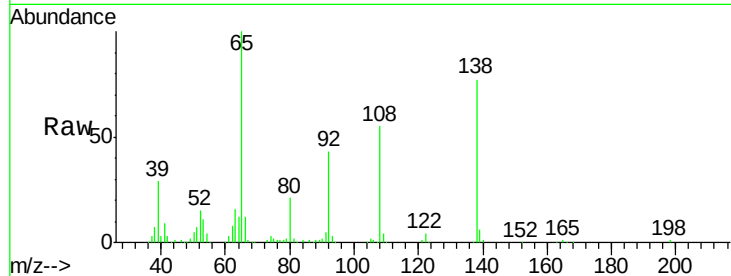




#61
4-Nitroaniline
Concen: 31.34 ng
RT: 10.26 min Scan# 724
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

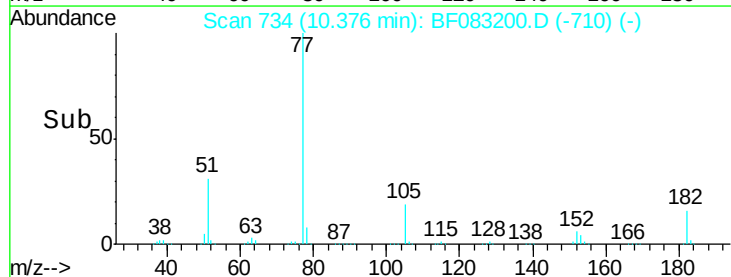
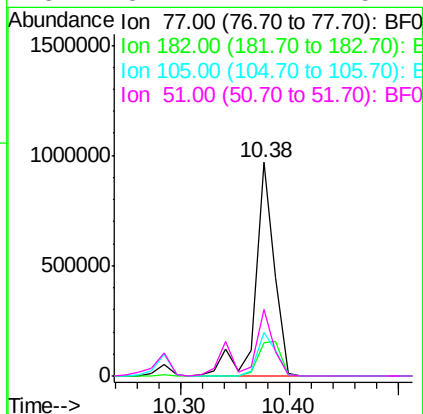
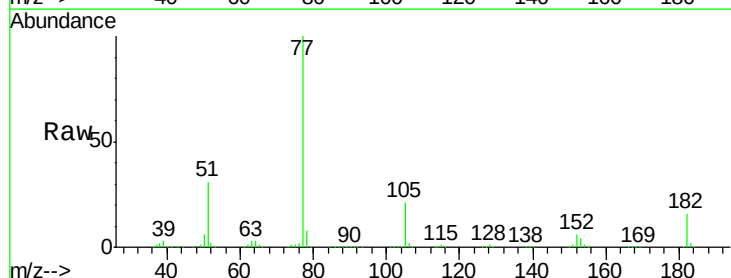
Instrument :
BNA_F
ClientSampleId :
PB86810BS

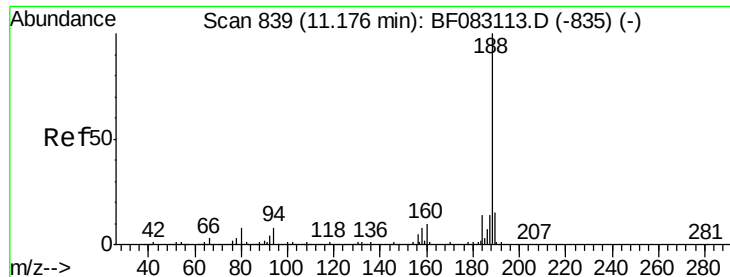
Tgt Ion:138 Resp: 232050
Ion Ratio Lower Upper
138 100
92 55.7 28.4 68.4
108 71.9 53.5 93.5



#62
Azobenzene
Concen: 32.99 ng
RT: 10.38 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion: 77 Resp: 1178246
Ion Ratio Lower Upper
77 100
182 15.7 0.0 38.3
105 20.5 1.2 41.2
51 31.4 11.1 51.1

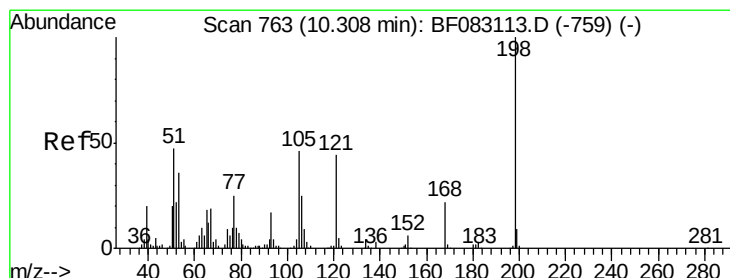
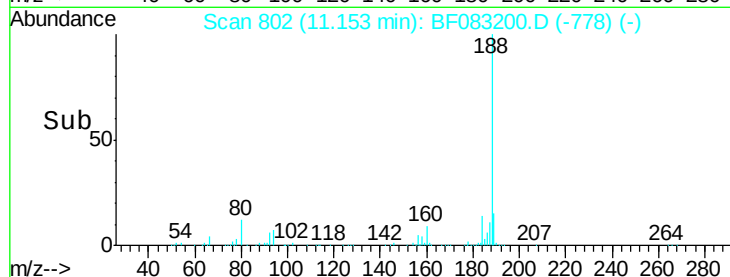
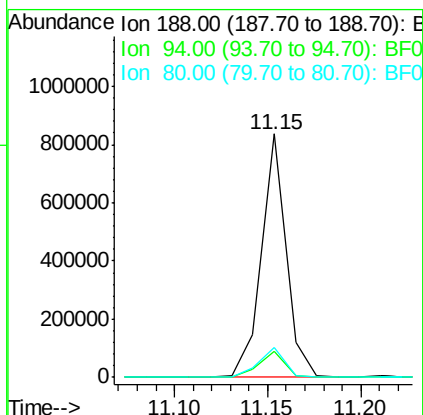
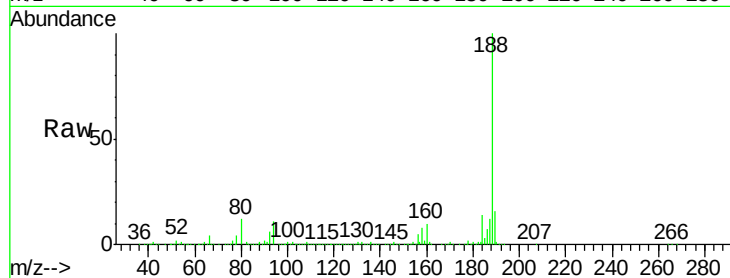




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

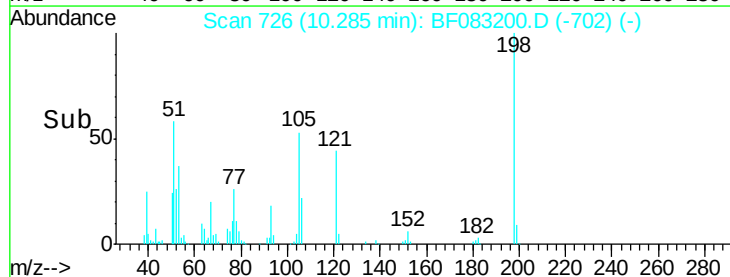
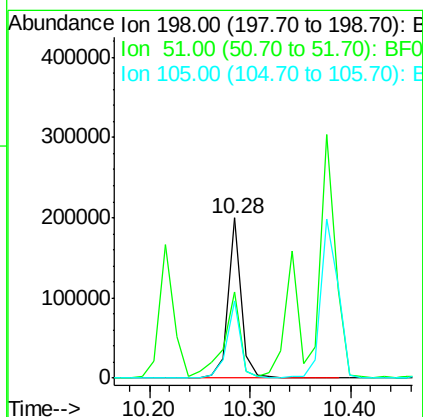
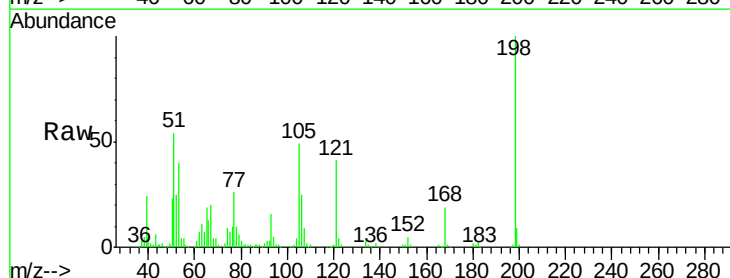
Instrument :
BNA_F
ClientSampleId :
PB86810BS

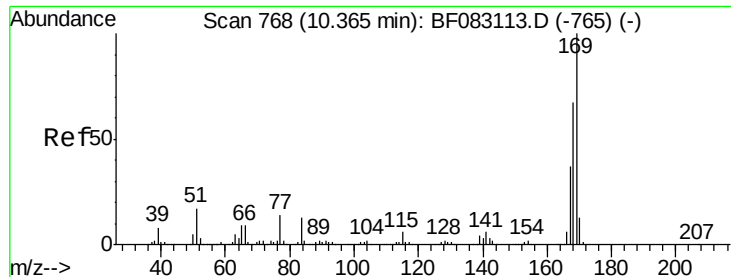
Tgt Ion:188 Resp: 765517
Ion Ratio Lower Upper
188 100
94 10.5 6.0 9.0#
80 12.0 6.7 10.1#



#64
4,6-Dinitro-2-methylphenol
Concen: 34.08 ng
RT: 10.28 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:198 Resp: 179733
Ion Ratio Lower Upper
198 100
51 53.6 27.0 67.0
105 48.5 26.1 66.1

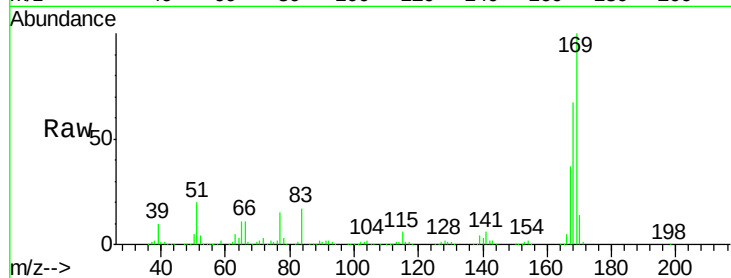




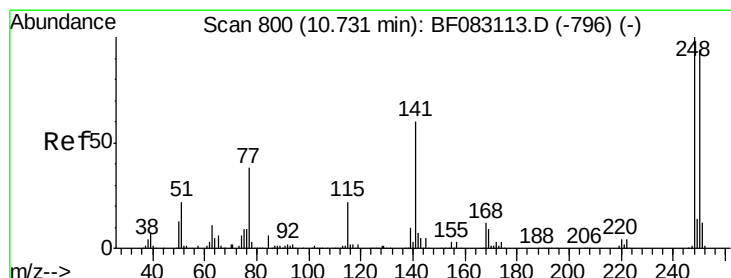
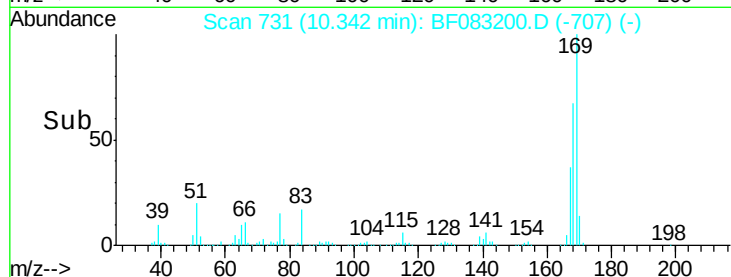
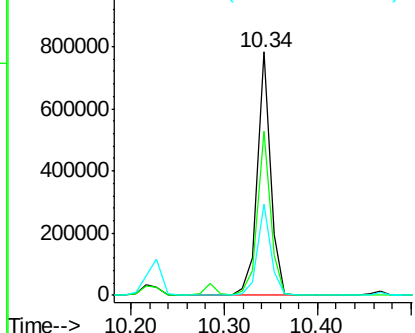
#65
n-Nitrosodiphenylamine
Concen: 29.76 ng
RT: 10.34 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Instrument :
BNA_F
ClientSampleId :
PB86810BS

Tgt Ion:169 Resp: 774782
Ion Ratio Lower Upper
169 100
168 67.4 53.8 80.6
167 37.5 29.8 44.8

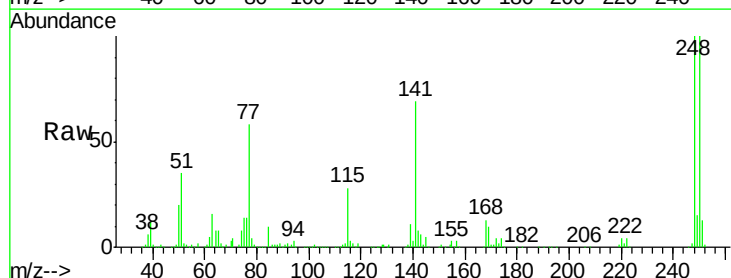


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

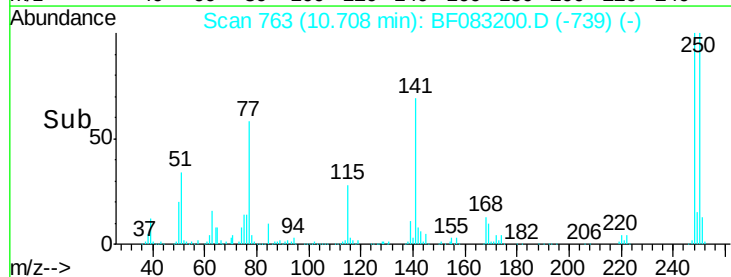
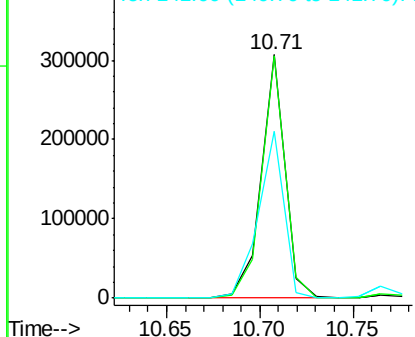


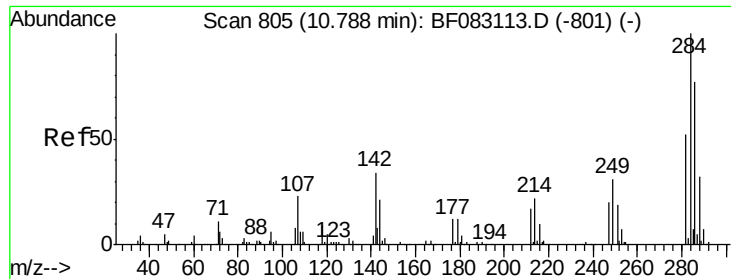
#66
4-Bromophenyl-phenylether
Concen: 31.71 ng
RT: 10.71 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:248 Resp: 269400
Ion Ratio Lower Upper
248 100
250 99.7 75.4 113.2
141 68.6 48.1 72.1



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

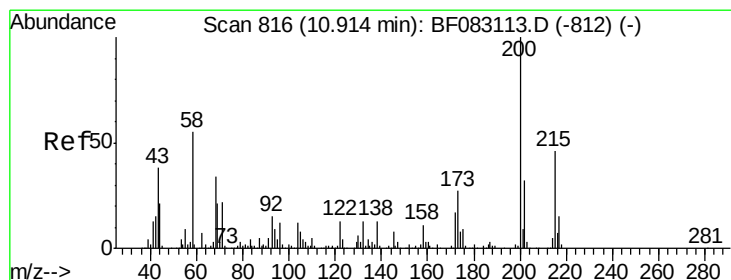
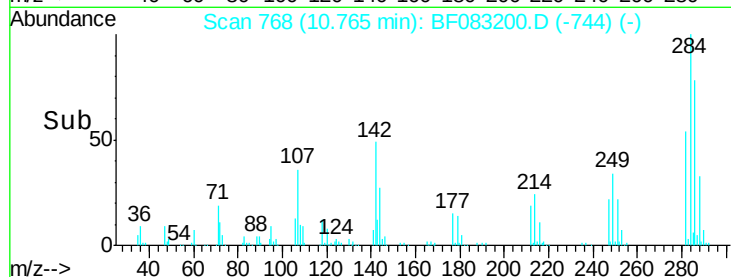
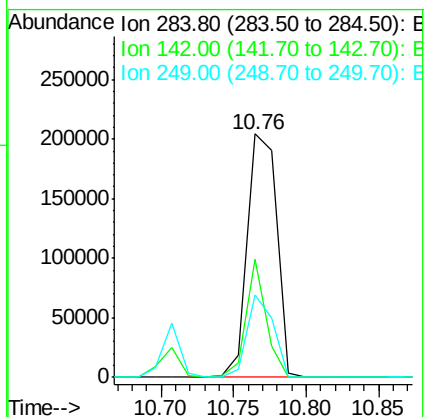
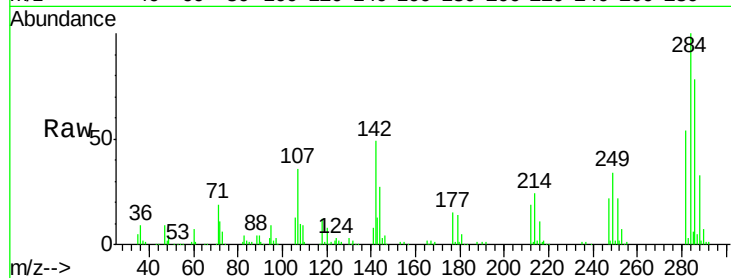




#67
Hexachlorobenzene
Concen: 30.82 ng
RT: 10.76 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

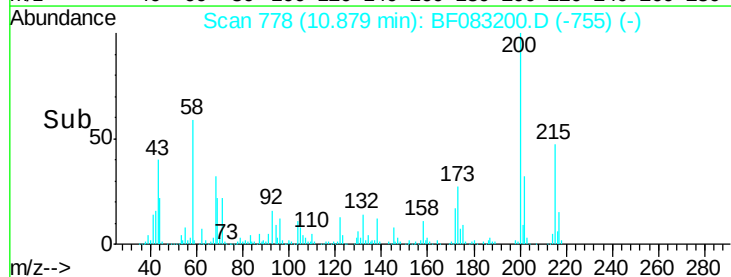
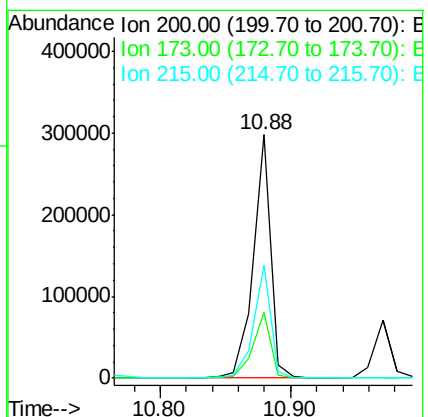
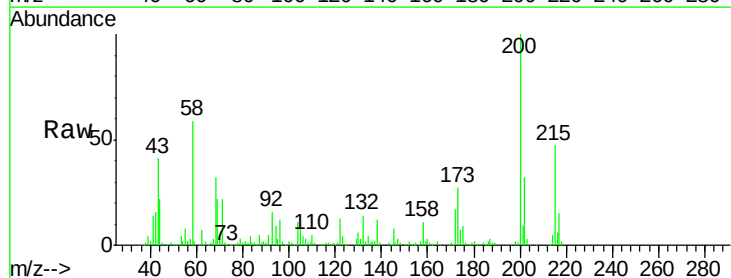
Instrument :
BNA_F
ClientSampleId :
PB86810BS

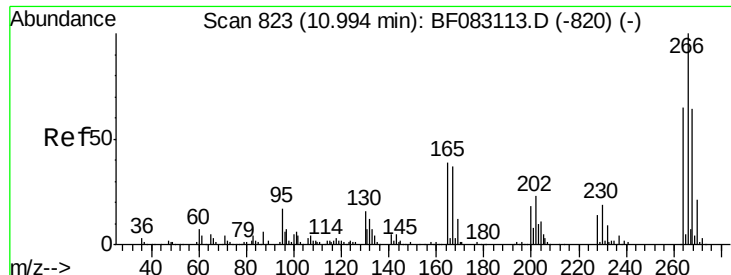
Tgt Ion:284 Resp: 288335
Ion Ratio Lower Upper
284 100
142 48.5 27.6 41.4#
249 33.8 25.5 38.3



#68
Atrazine
Concen: 36.67 ng
RT: 10.88 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:200 Resp: 277232
Ion Ratio Lower Upper
200 100
173 27.2 7.2 47.2
215 46.6 25.7 65.7

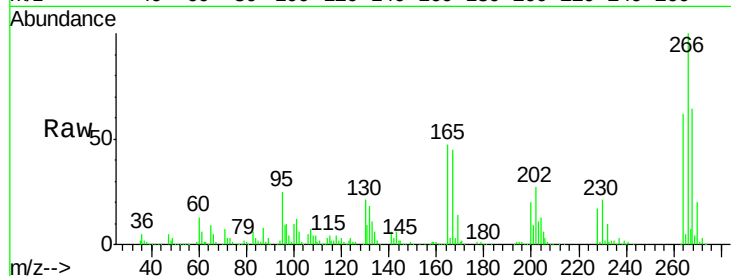




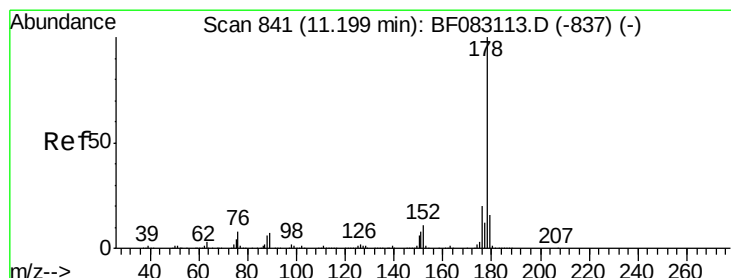
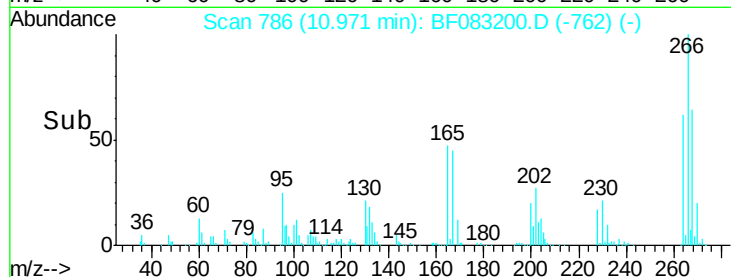
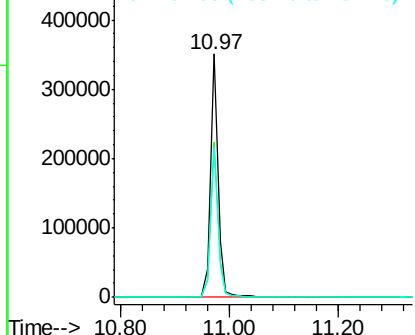
#69
 Pentachlorophenol
 Concen: 56.37 ng
 RT: 10.97 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB86810BS

Tgt Ion:266 Resp: 343499
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.4 77.0
 264 61.7 51.7 77.5

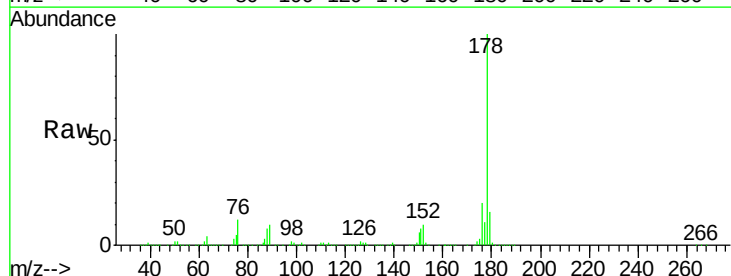


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

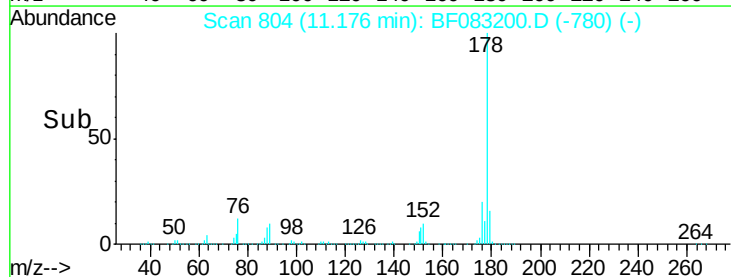
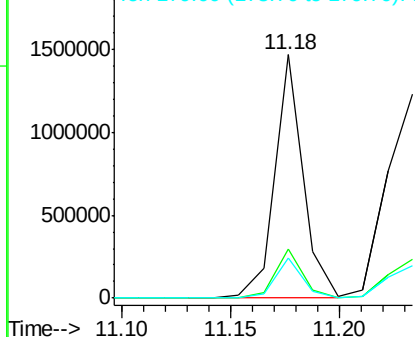


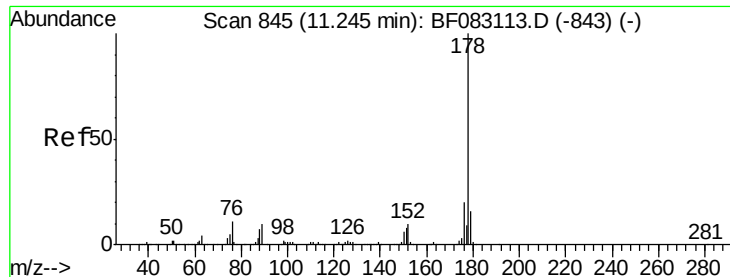
#70
 Phenanthrene
 Concen: 30.42 ng
 RT: 11.18 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

Tgt Ion:178 Resp: 1341632
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.2
 179 16.3 12.8 19.2



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





#71

Anthracene

Concen: 32.01 ng

RT: 11.23 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

Instrument :

BNA_F

ClientSampleId :

PB86810BS

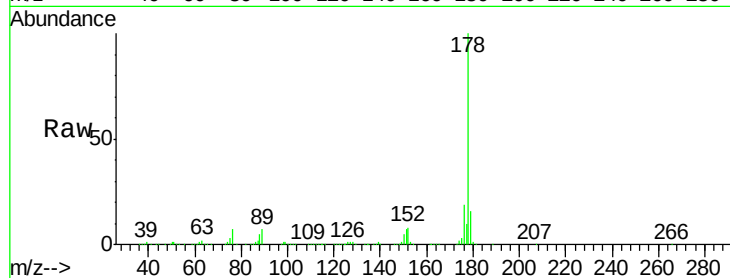
Tgt Ion:178 Resp: 1440556

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

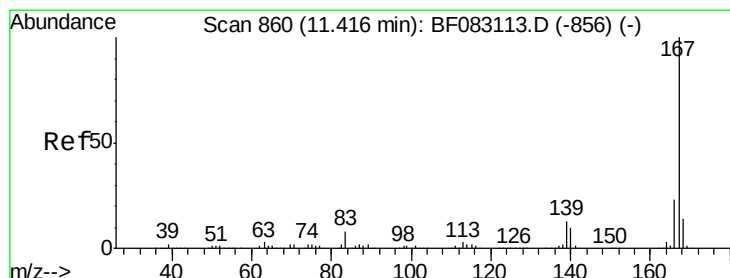
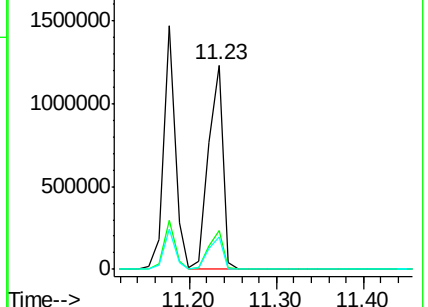
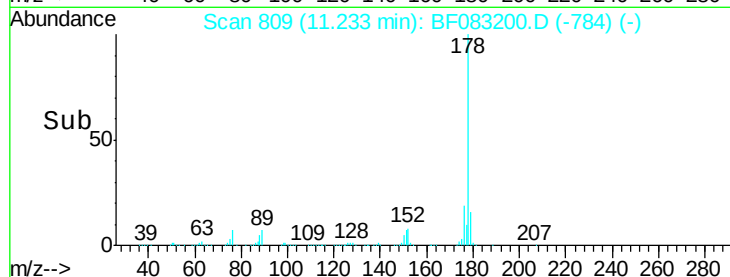
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 32.94 ng

RT: 11.39 min Scan# 823

Delta R.T. -0.02 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

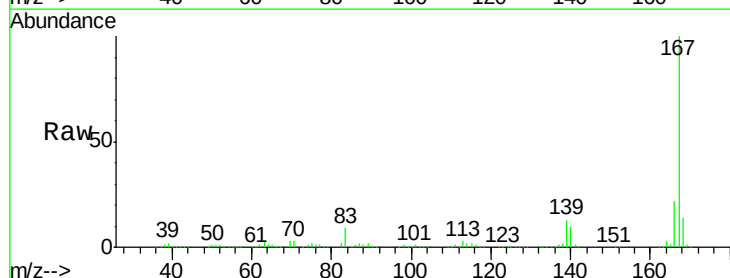
Tgt Ion:167 Resp: 1317310

Ion Ratio Lower Upper

167 100

166 22.3 18.0 27.0

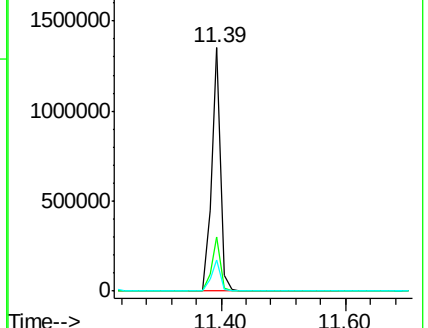
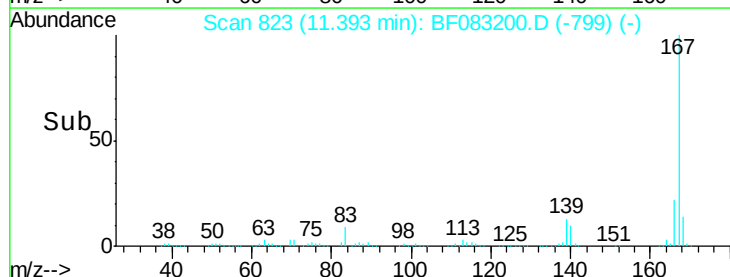
139 12.7 10.5 15.7

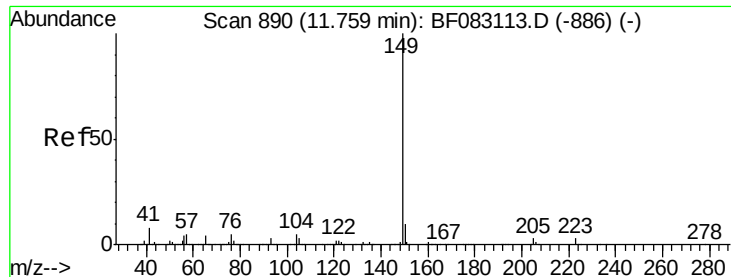


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 31.20 ng

RT: 11.74 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

Instrument :

BNA_F

ClientSampleId :

PB86810BS

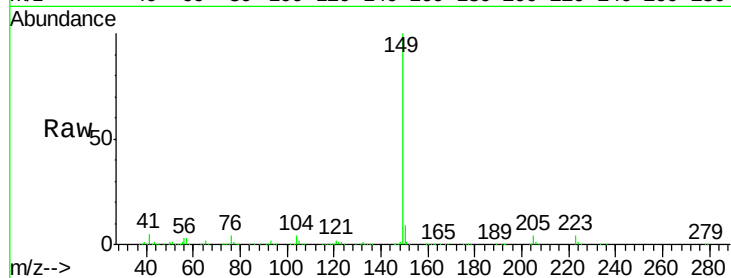
Tgt Ion:149 Resp: 1523114

Ion Ratio Lower Upper

149 100

150 9.3 8.0 12.0

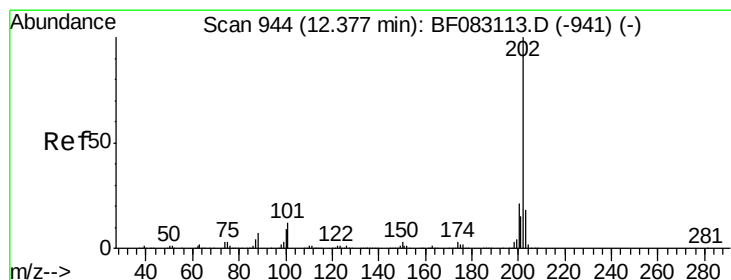
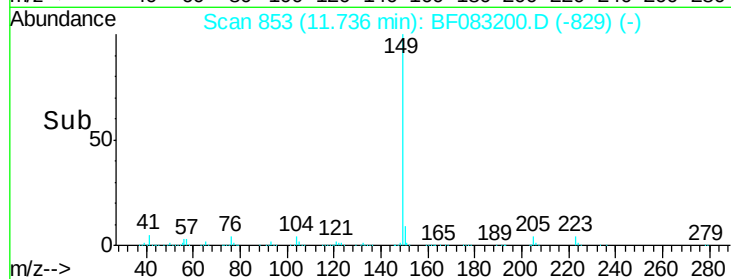
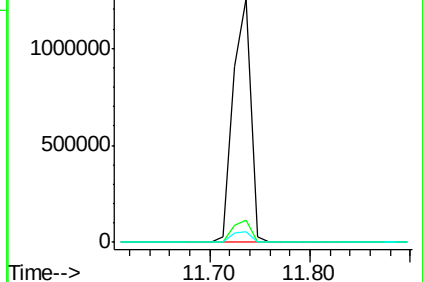
104 4.1 4.4 6.6#



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: 30.15 ng

RT: 12.35 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

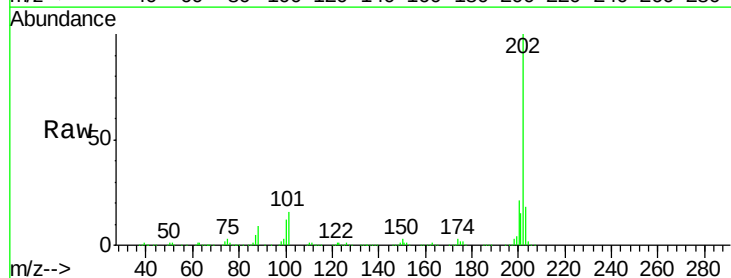
Tgt Ion:202 Resp: 1360765

Ion Ratio Lower Upper

202 100

101 16.3 0.0 32.3

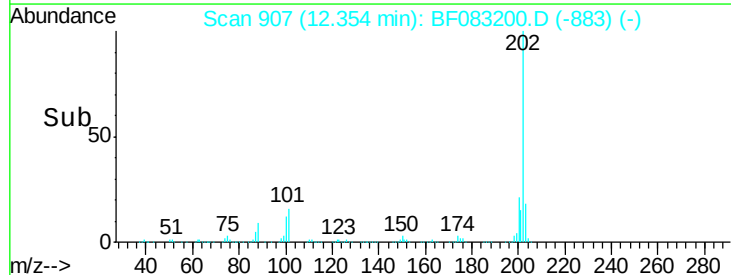
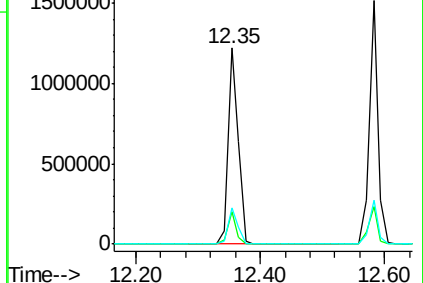
203 18.3 0.0 38.4

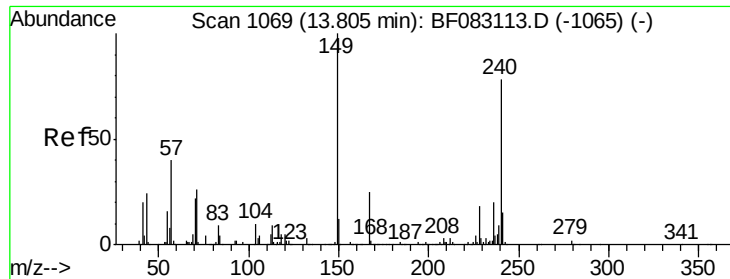


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

Instrument :

BNA_F

ClientSampleId :

PB86810BS

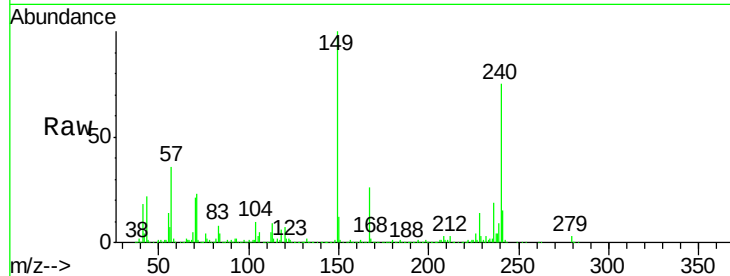
Tgt Ion:240 Resp: 657356

Ion Ratio Lower Upper

240 100

120 9.0 5.4 8.2#

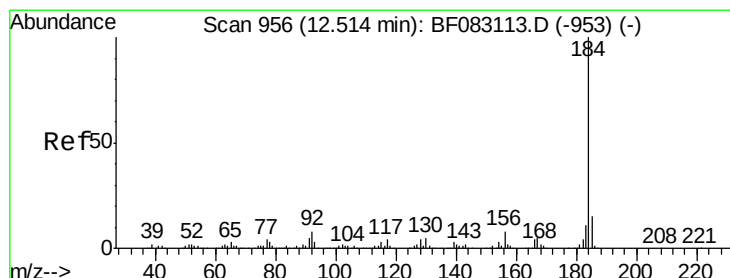
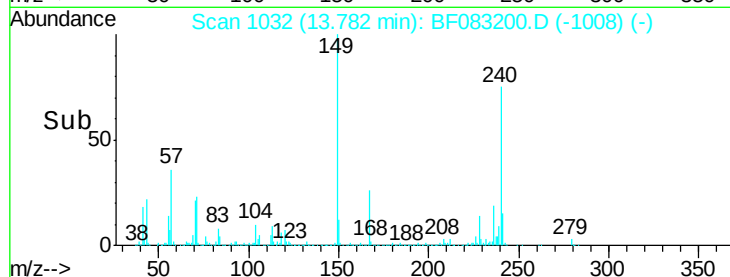
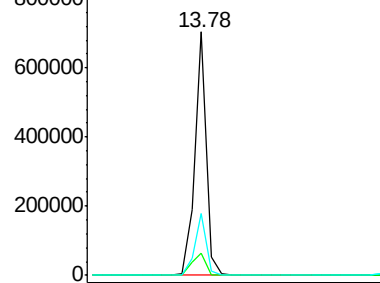
236 25.6 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.79 ng

RT: 12.49 min Scan# 919

Delta R.T. -0.02 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

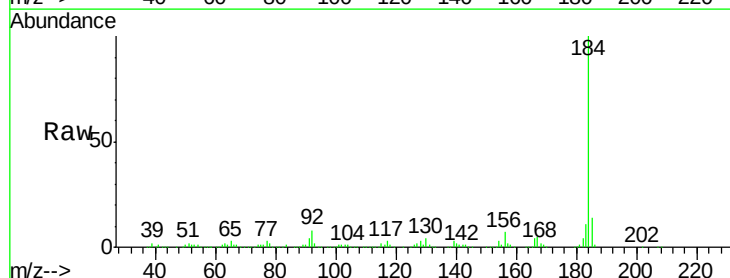
Tgt Ion:184 Resp: 633923

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

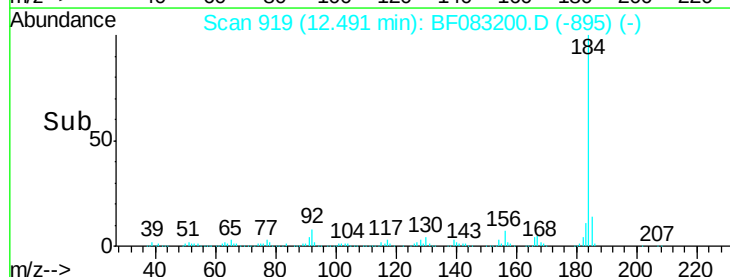
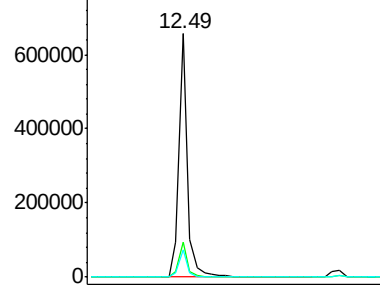
183 11.0 8.8 13.2

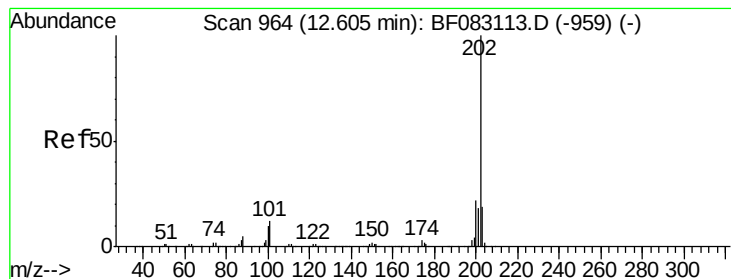


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 31.82 ng

RT: 12.58 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

Instrument :

BNA_F

ClientSampleId :

PB86810BS

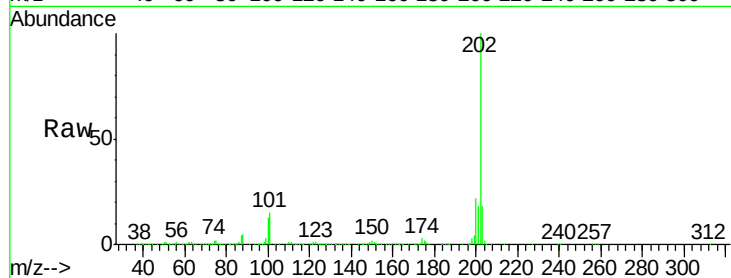
Tgt Ion:202 Resp: 1428877

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.6

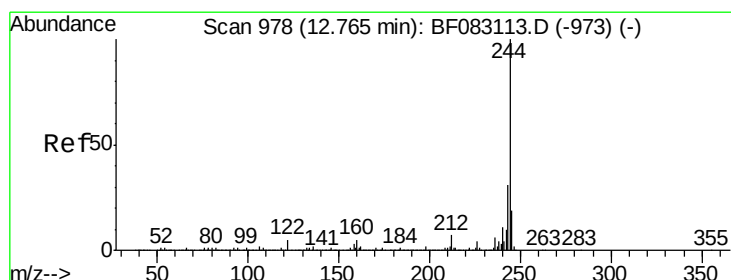
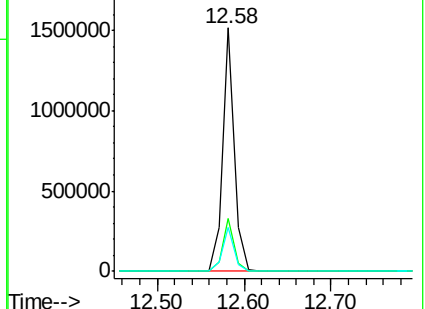
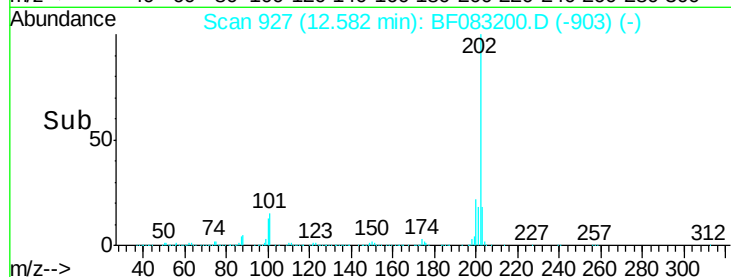
203 18.3 15.0 22.4



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: 66.12 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

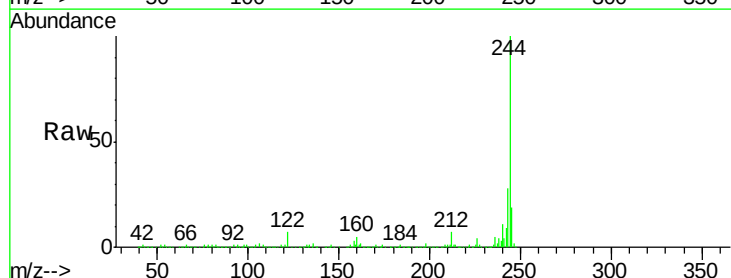
Tgt Ion:244 Resp: 1845734

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

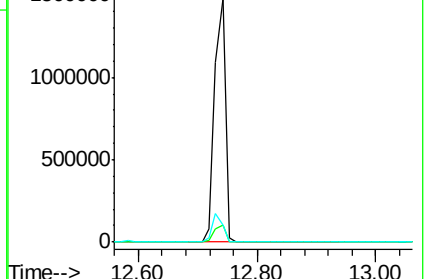
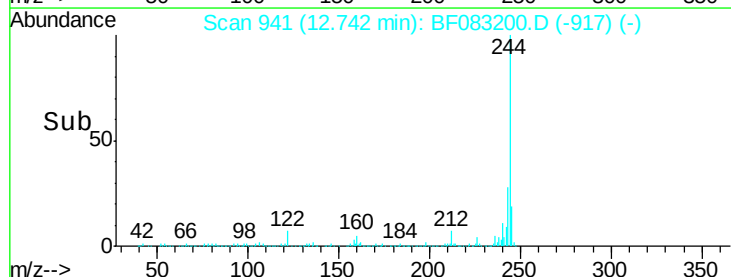
122 7.2 4.3 6.5#

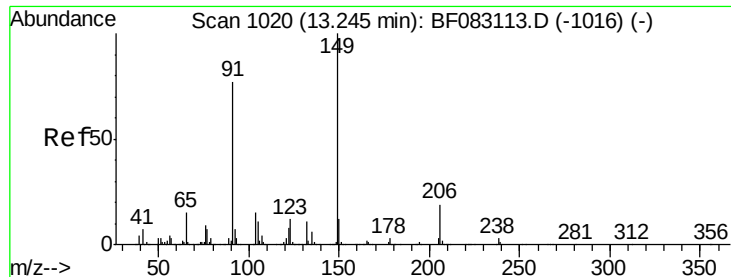


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

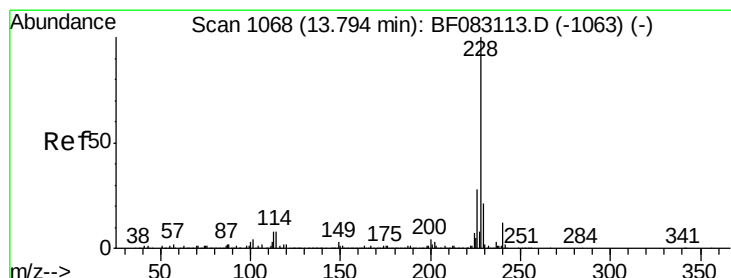
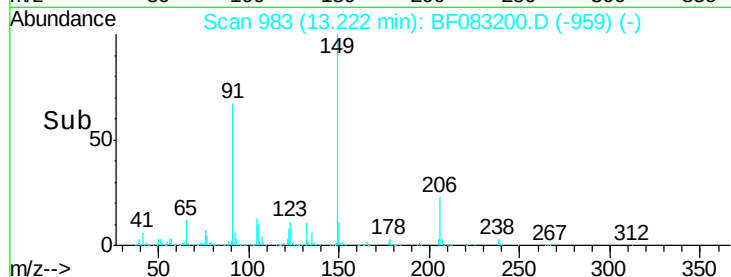
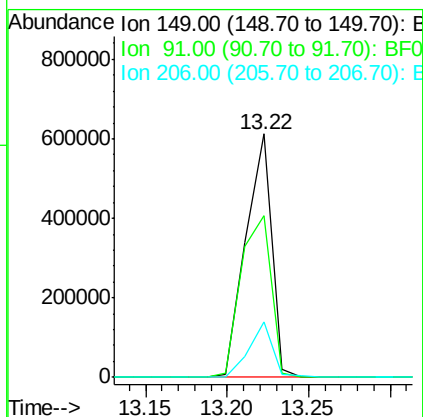
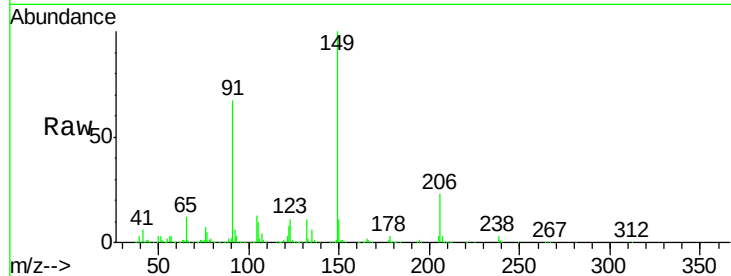




#79
Butylbenzylphthalate
Concen: 31.65 ng
RT: 13.22 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

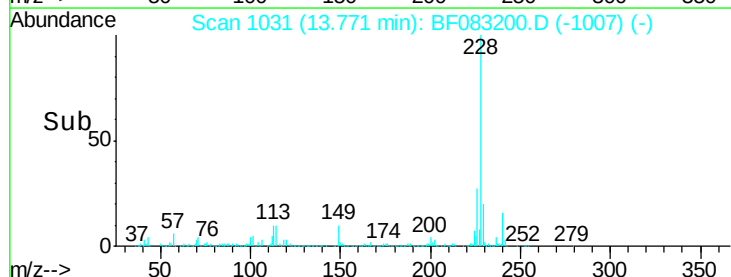
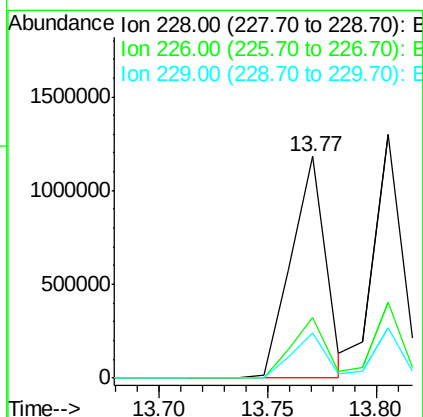
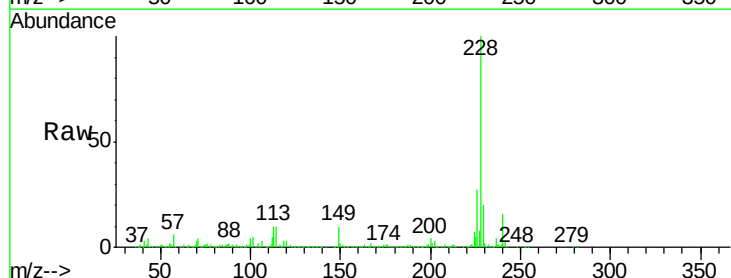
Instrument :
BNA_F
ClientSampleId :
PB86810BS

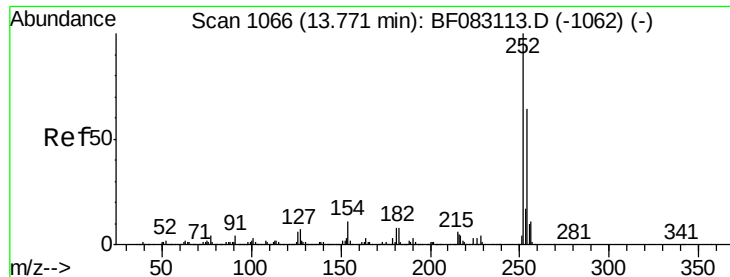
Tgt Ion:149 Resp: 672660
Ion Ratio Lower Upper
149 100
91 66.6 61.5 92.3
206 22.7 15.3 22.9



#80
Benzo(a)anthracene
Concen: 32.14 ng
RT: 13.77 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:228 Resp: 1306612
Ion Ratio Lower Upper
228 100
226 27.5 22.6 33.8
229 20.5 16.6 24.8

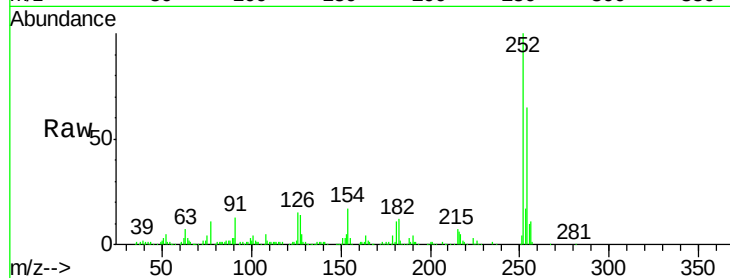




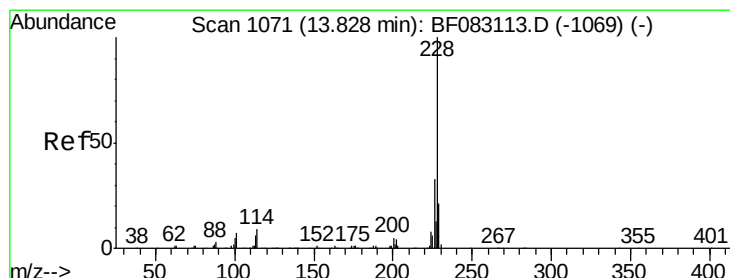
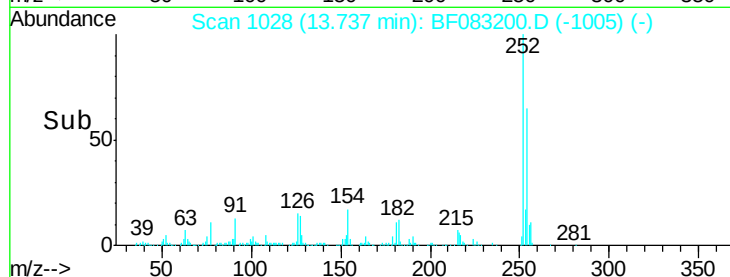
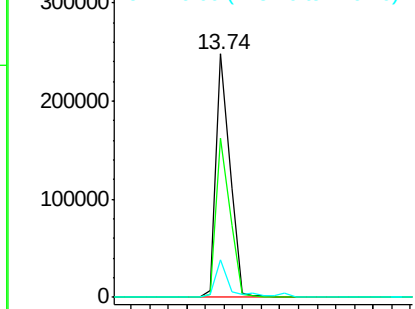
#81
 3,3'-Dichlorobenzidine
 Concen: 18.23 ng
 RT: 13.74 min Scan# 1028
 Delta R.T. -0.03 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

Instrument :
 BNA_F
 ClientSampleId :
 PB86810BS

Tgt Ion:252 Resp: 257988
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.5 77.3
 126 15.2 5.2 7.8#

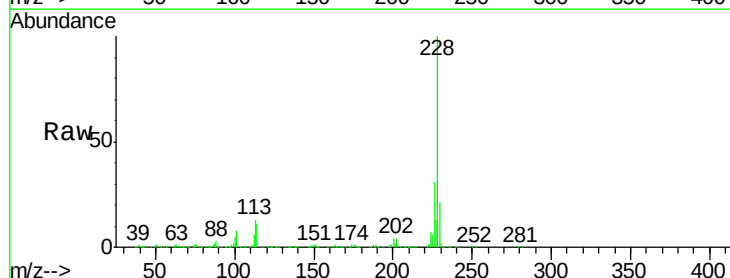


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

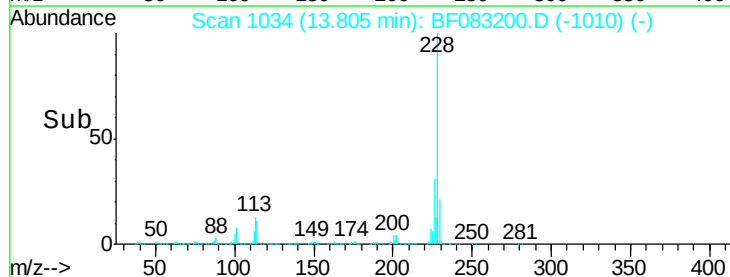
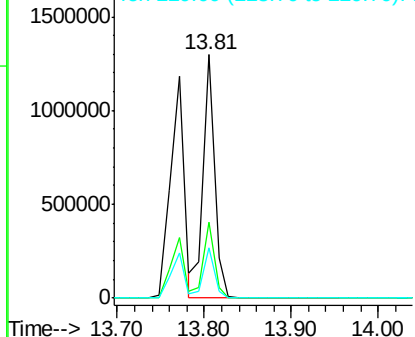


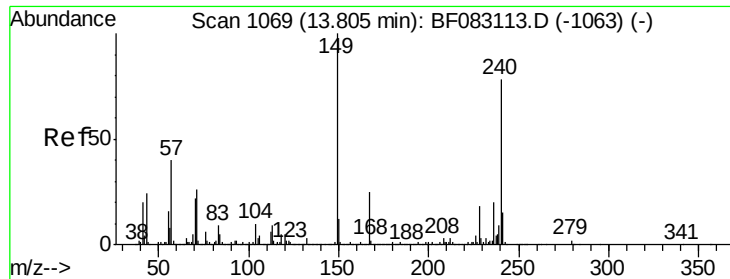
#82
 Chrysene
 Concen: 31.37 ng
 RT: 13.81 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

Tgt Ion:228 Resp: 1182714
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.5 38.3
 229 20.7 16.6 25.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.23 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

Instrument :

BNA_F

ClientSampleId :

PB86810BS

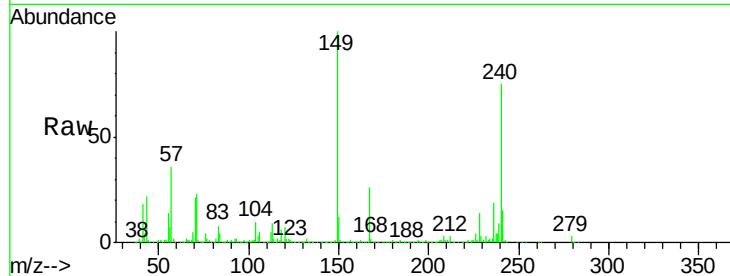
Tgt Ion:149 Resp: 866876

Ion Ratio Lower Upper

149 100

167 25.7 20.1 30.1

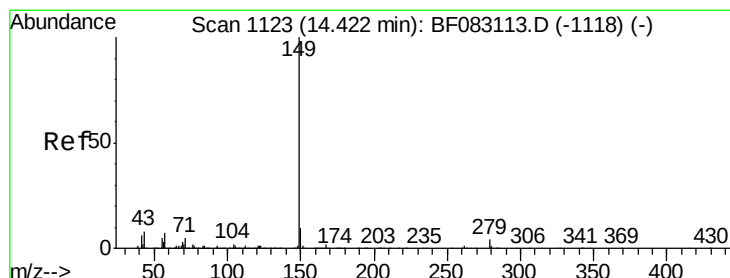
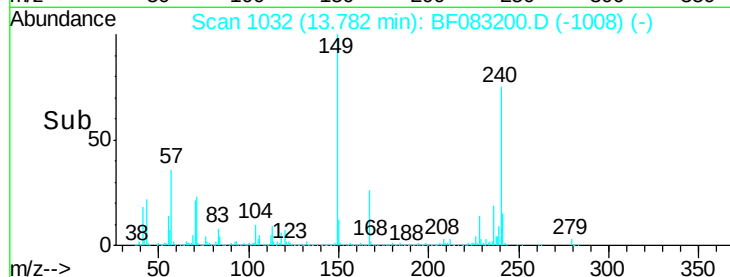
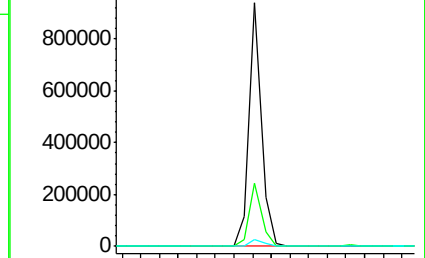
279 2.6 1.7 2.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 30.05 ng

RT: 14.39 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

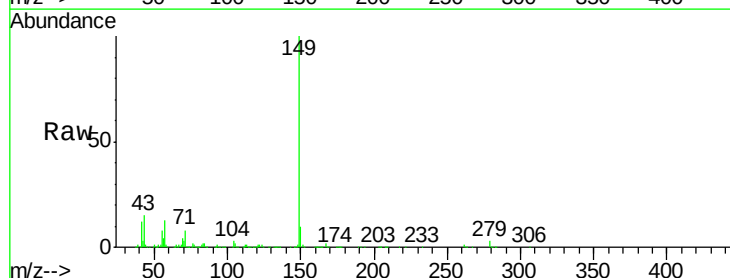
Tgt Ion:149 Resp: 1436044

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

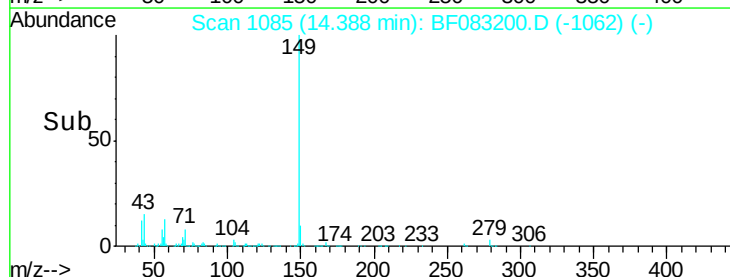
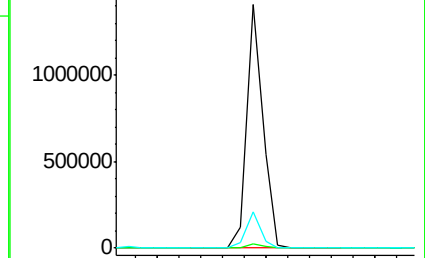
43 13.2 9.5 14.3

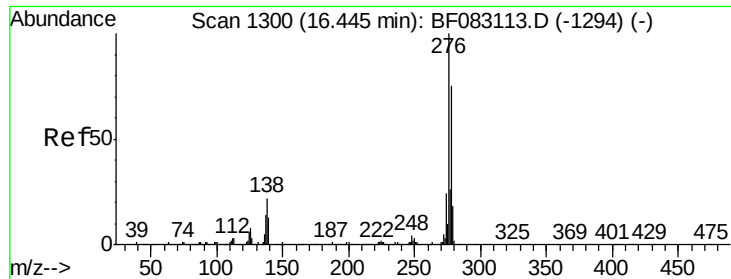


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

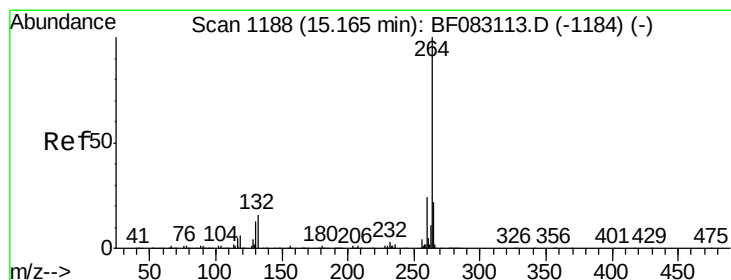
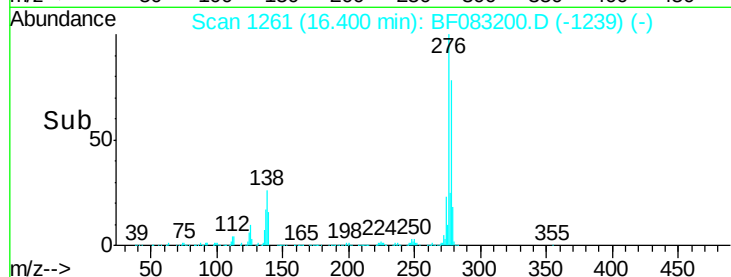
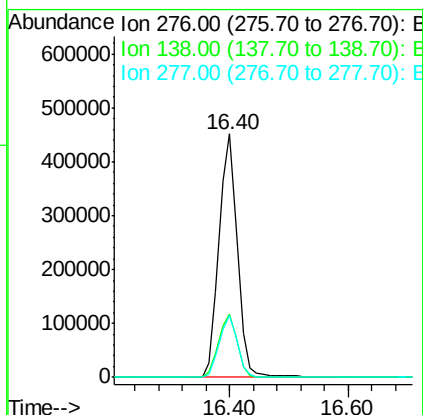
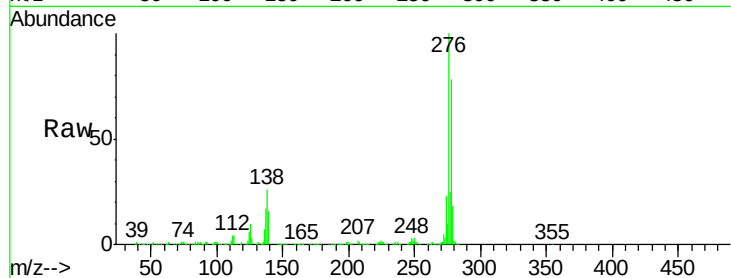




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.50 ng
 RT: 16.40 min Scan# 1261
 Delta R.T. -0.05 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

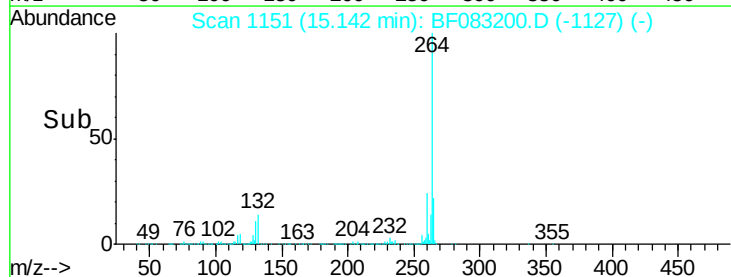
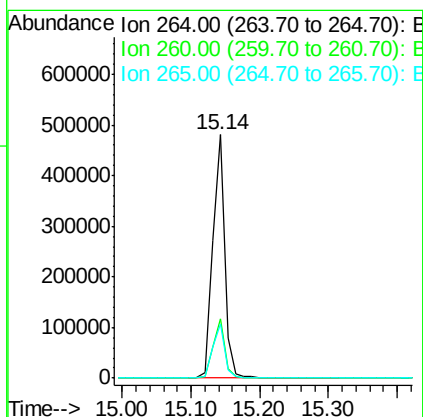
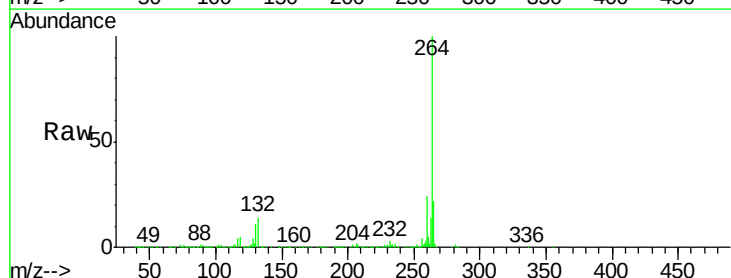
Instrument :
 BNA_F
 ClientSampleId :
 PB86810BS

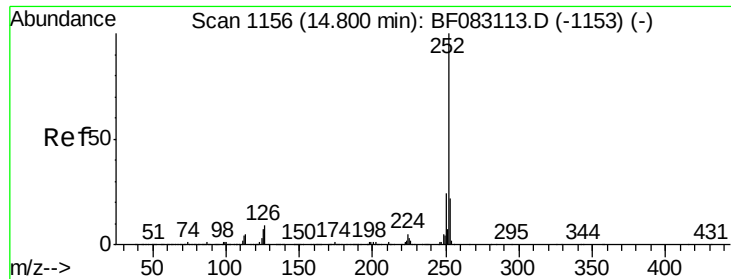
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	18.0	27.0
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF083200.D
 Acq: 23 Nov 2015 13:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	22.0	18.2	27.4

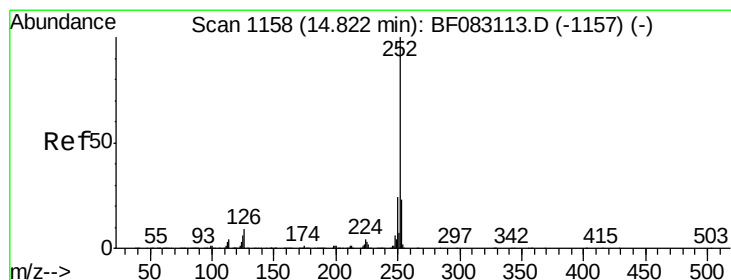
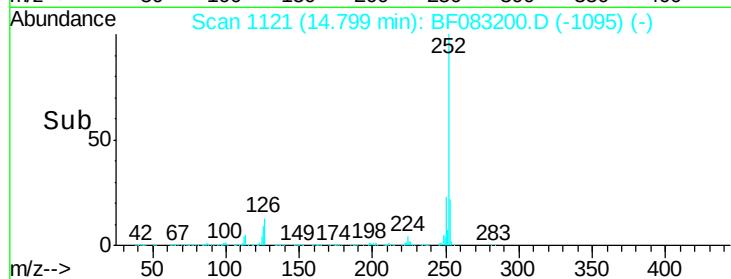
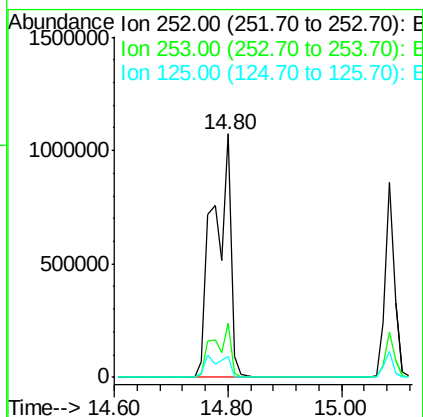
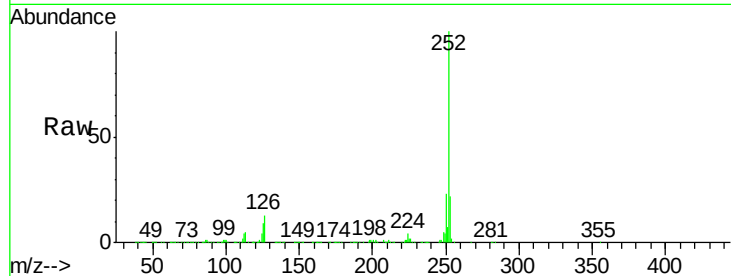




#87
Benzo(b)fluoranthene
Concen: 55.48 ng
RT: 14.80 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

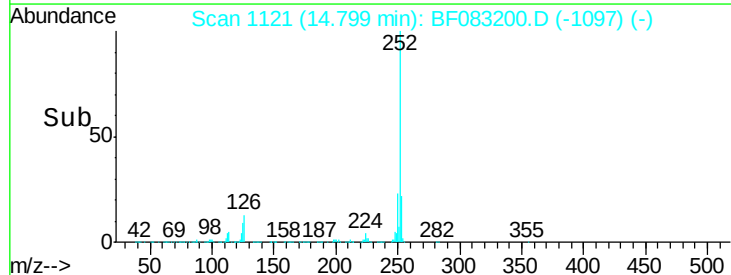
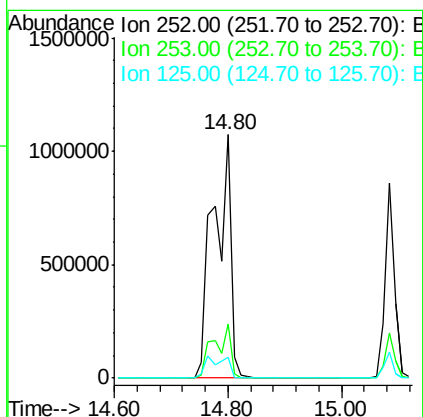
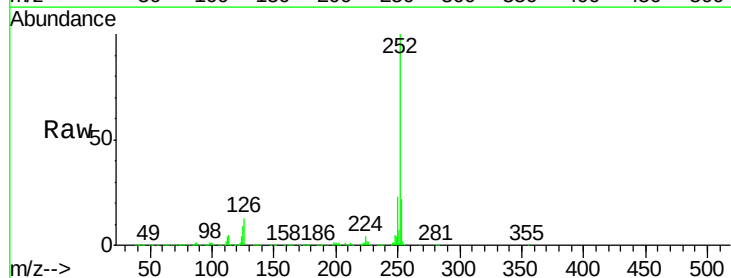
Instrument :
BNA_F
ClientSampleId :
PB86810BS

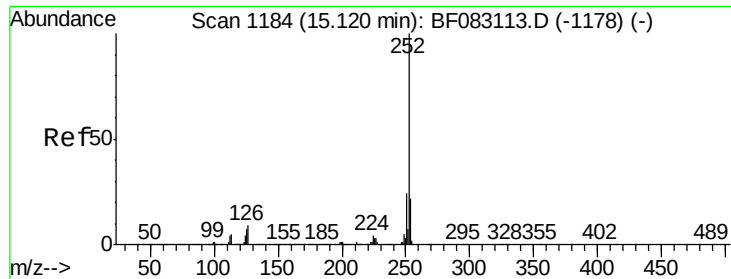
Tgt Ion:252 Resp: 2243550
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 8.7 5.6 8.4#



#88
Benzo(k)fluoranthene
Concen: 74.47 ng
RT: 14.80 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF083200.D
Acq: 23 Nov 2015 13:09

Tgt Ion:252 Resp: 2243550
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 8.7 6.8 10.2





#89

Benzo(a)pyrene

Concen: 30.63 ng

RT: 15.09 min Scan# 1146

Delta R.T. -0.03 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

Instrument :

BNA_F

ClientSampleId :

PB86810BS

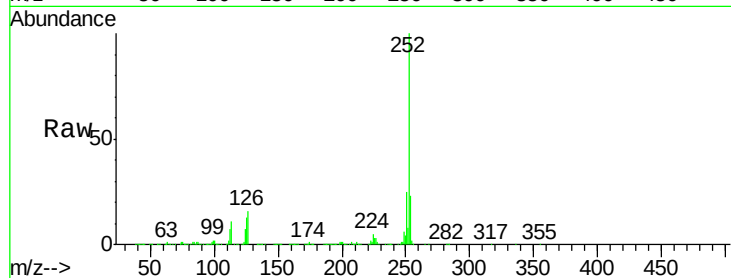
Tgt Ion:252 Resp: 1022502

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

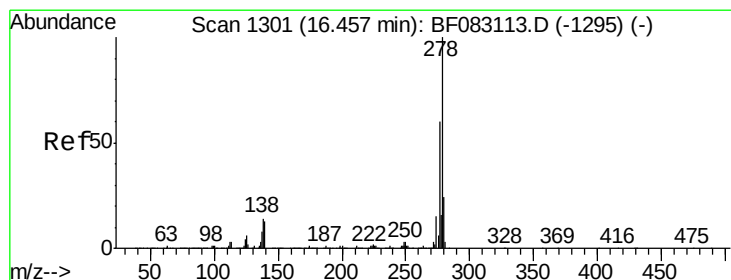
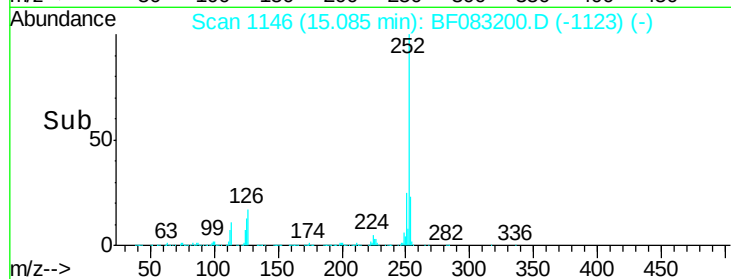
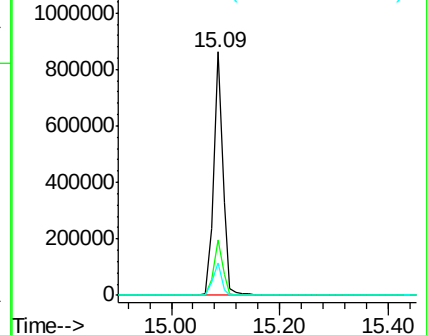
125 13.2 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 27.90 ng

RT: 16.41 min Scan# 1262

Delta R.T. -0.05 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

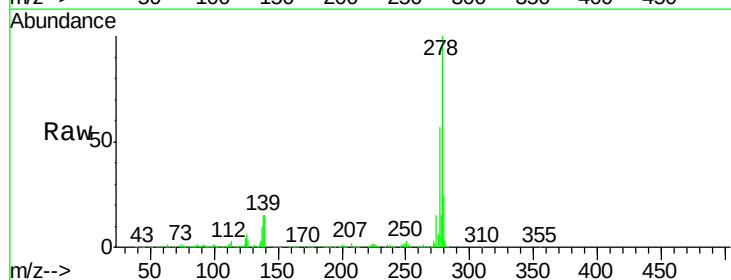
Tgt Ion:278 Resp: 846143

Ion Ratio Lower Upper

278 100

139 15.0 10.7 16.1

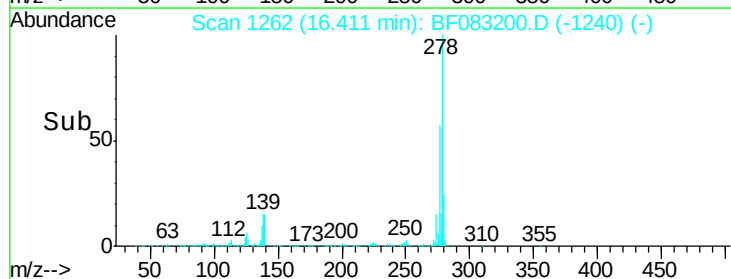
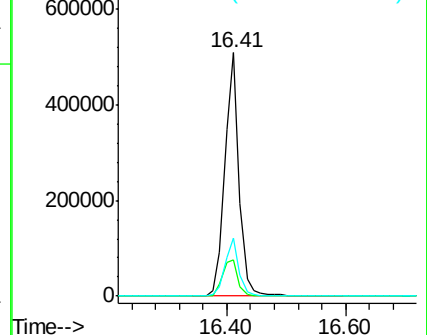
279 24.0 19.3 28.9

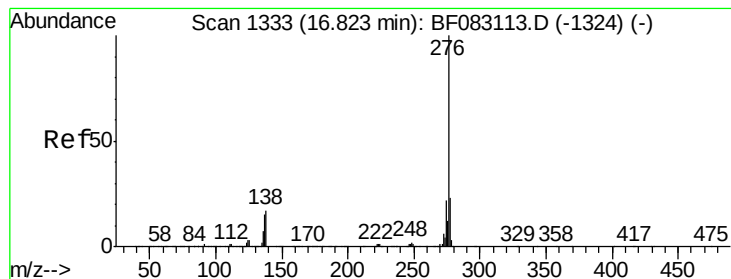


Abundance Ion 278.00 (277.70 to 278.70): E

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: 27.02 ng

RT: 16.77 min Scan# 1293

Delta R.T. -0.06 min

Lab File: BF083200.D

Acq: 23 Nov 2015 13:09

Instrument :

BNA_F

ClientSampleId :

PB86810BS

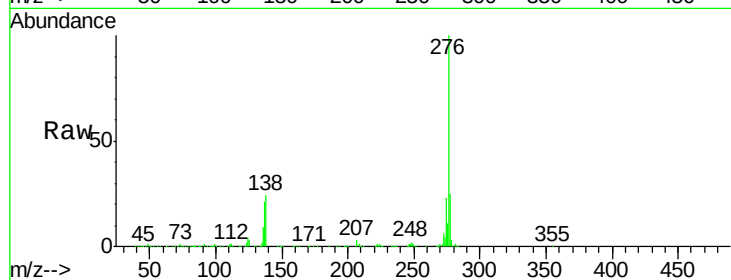
Tgt Ion: 276 Resp: 799939

Ion Ratio Lower Upper

276 100

277 24.6 18.7 28.1

138 24.2 13.9 20.9#



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

