

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
 Data File : BF083201.D
 Acq On : 23 Nov 2015 13:39
 Operator : UM/IZ
 Sample : PB86782BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Quant Time: Nov 24 04:29:30 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	209729	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	826045	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	416138	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	762716	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	650954	20.00	ng	-0.02
86) Perylene-d12	15.14	264	574843	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	941814	67.89	ng	-0.03
7) Phenol-d6	6.31	99	1250369	69.66	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1138475	62.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	289075	67.90	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	1924076	64.47	ng	-0.01
78) Terphenyl-d14	12.74	244	1840551	66.58	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.19	88	193886	28.22	ng	# 90
3) Pyridine	2.86	79	553316	30.49	ng	96
4) n-Nitrosodimethylamine	2.80	42	296483	35.42	ng	96
6) Aniline	6.31	93	520631	23.73	ng	# 85
8) 2-Chlorophenol	6.43	128	529665	35.34	ng	91
9) Benzaldehyde	6.18	77	206416	19.68	ng	97
10) Phenol	6.32	94	729179	33.58	ng	83
11) bis(2-Chloroethyl)ether	6.39	93	570395	36.79	ng	97
12) 1,3-Dichlorobenzene	6.81	146	527809	30.84	ng	96
13) 1,4-Dichlorobenzene	6.58	146	543870	31.42	ng	94
14) 1,2-Dichlorobenzene	6.81	146	535958	34.06	ng	99
15) Benzyl Alcohol	6.80	79	470882	31.39	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.94	45	972665	40.23	ng	# 68
17) 2-Methylphenol	6.92	107	426823	34.42	ng	97
18) Hexachloroethane	7.15	117	203754	33.42	ng	92
19) n-Nitroso-di-n-propylamine	7.07	70	444988	35.62	ng	95
20) 3+4-Methylphenols	7.08	107	583309	37.21	ng	95
22) Acetophenone	7.06	105	756872	31.92	ng	# 96
24) Nitrobenzene	7.23	77	657155	34.02	ng	95
25) Isophorone	7.47	82	1103434	32.24	ng	97
26) 2-Nitrophenol	7.55	139	274679	32.21	ng	97
27) 2,4-Dimethylphenol	7.61	122	485265	35.66	ng	94
28) bis(2-Chloroethoxy)methane	7.69	93	652338	32.78	ng	99
29) 2,4-Dichlorophenol	7.80	162	457303	35.33	ng	96
30) 1,2,4-Trichlorobenzene	7.87	180	460544	32.39	ng	96
31) Naphthalene	7.95	128	1475030	33.09	ng	100
32) Benzoic acid	7.76	122	308489	29.16	ng	97
33) 4-Chloroaniline	8.01	127	304950	17.63	ng	95
34) Hexachlorobutadiene	8.08	225	266574	31.73	ng	97
35) Caprolactam	8.39	113	98400	23.72	ng	94
36) 4-Chloro-3-methylphenol	8.51	107	476562	31.79	ng	89
37) 2-Methylnaphthalene	8.64	142	913518	31.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	435531	32.29	ng	98
40) Hexachlorocyclopentadiene	8.80	237	461815	60.22	ng	98

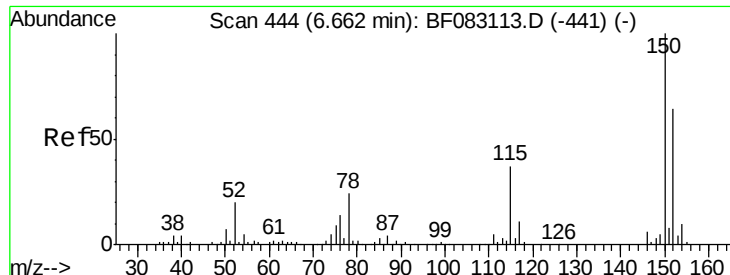
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	310480	32.14	ng	99
43) 2,4,5-Trichlorophenol	8.98	196	340438	34.47	ng	99
45) 1,1'-Biphenyl	9.11	154	1163514	32.85	ng	98
46) 2-Chloronaphthalene	9.13	162	944392	33.95	ng	97
47) 2-Nitroaniline	9.23	65	347432	35.30	ng	94
48) Acenaphthylene	9.54	152	1485759	34.46	ng	100
49) Dimethylphthalate	9.42	163	1037292	32.38	ng	100
50) 2,6-Dinitrotoluene	9.47	165	226743	31.54	ng	97
51) Acenaphthene	9.71	154	891986	34.00	ng	99
52) 3-Nitroaniline	9.64	138	163771	21.37	ng	# 72
53) 2,4-Dinitrophenol	9.75	184	275264	66.46	ng	# 83
54) Dibenzofuran	9.88	168	1277632	34.44	ng	100
55) 4-Nitrophenol	9.84	139	408934	69.58	ng	88
56) 2,4-Dinitrotoluene	9.87	165	303024	33.27	ng	95
57) Fluorene	10.23	166	1054498	34.39	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	272104	33.58	ng	99
59) Diethylphthalate	10.11	149	975503	30.59	ng	96
60) 4-Chlorophenyl-phenylether	10.22	204	444691	31.67	ng	98
61) 4-Nitroaniline	10.26	138	255325	33.84	ng	95
62) Azobenzene	10.38	77	1239860	34.06	ng	98
64) 4,6-Dinitro-2-methylphenol	10.28	198	193676	36.85	ng	94
65) n-Nitrosodiphenylamine	10.34	169	851524	32.83	ng	100
66) 4-Bromophenyl-phenylether	10.71	248	301808	35.66	ng	96
67) Hexachlorobenzene	10.76	284	308906	33.14	ng	# 85
68) Atrazine	10.88	200	289785	38.47	ng	99
69) Pentachlorophenol	10.97	266	371050	61.12	ng	100
70) Phenanthrene	11.18	178	1451623	33.03	ng	99
71) Anthracene	11.23	178	1580336	35.25	ng	100
72) Carbazole	11.39	167	1439091	36.11	ng	99
73) Di-n-butylphthalate	11.74	149	1571466	32.31	ng	# 97
74) Fluoranthene	12.35	202	1504435	33.45	ng	96
76) Benzidine	12.49	184	698518	40.94	ng	100
77) Pyrene	12.58	202	1534991	34.52	ng	100
79) Butylbenzylphthalate	13.22	149	691149	32.84	ng	# 86
80) Benzo(a)anthracene	13.77	228	1398433	34.74	ng	99
81) 3,3'-Dichlorobenzidine	13.74	252	318512	22.73	ng	# 97
82) Chrysene	13.81	228	1110320	29.74	ng	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	893686	32.51	ng	# 98
84) Di-n-octyl phthalate	14.39	149	1480757	31.29	ng	96
85) Indeno(1,2,3-cd)pyrene	16.40	276	1092561	32.17	ng	96
87) Benzo(b)fluoranthene	14.80	252	2408557	61.32	ng	# 97
88) Benzo(k)fluoranthene	14.80	252	2408557	82.30	ng	99
89) Benzo(a)pyrene	15.09	252	1100785	33.95	ng	# 95
90) Dibenzo(a,h)anthracene	16.41	278	924863	31.40	ng	97
91) Benzo(g,h,i)perylene	16.78	276	896417	31.17	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

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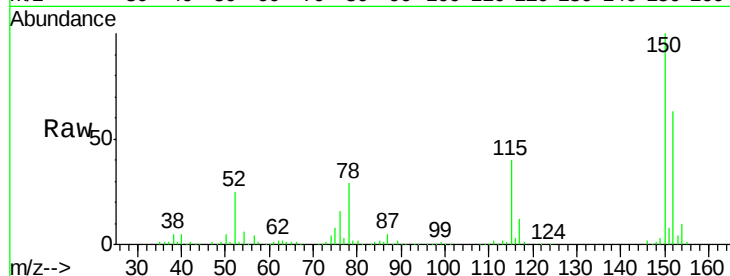
Tgt Ion:152 Resp: 209729

Ion Ratio Lower Upper

152 100

150 158.1 125.8 188.8

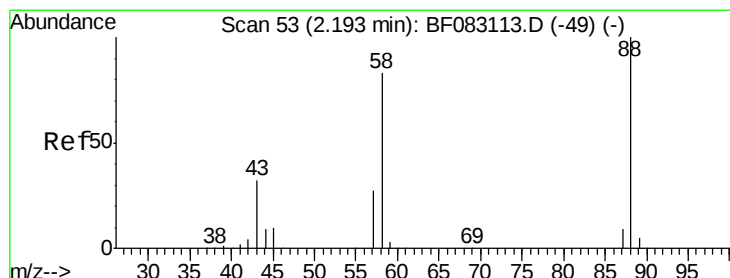
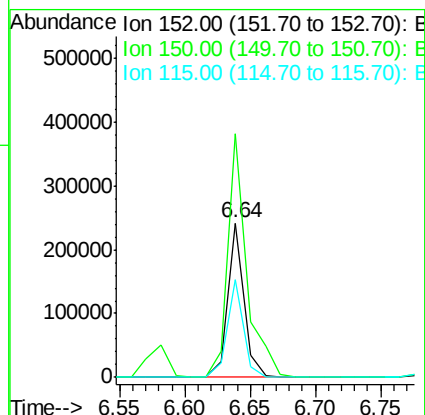
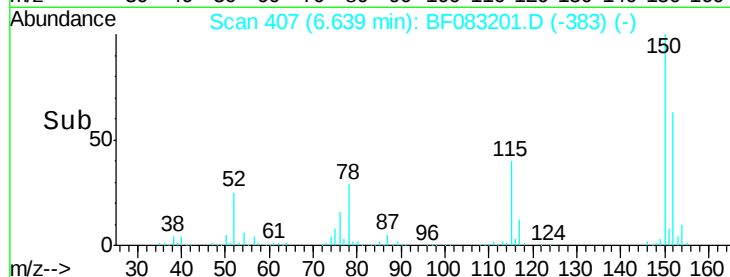
115 63.6 46.9 70.3



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: 28.22 ng

RT: 2.19 min Scan# 18

Delta R.T. -0.00 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

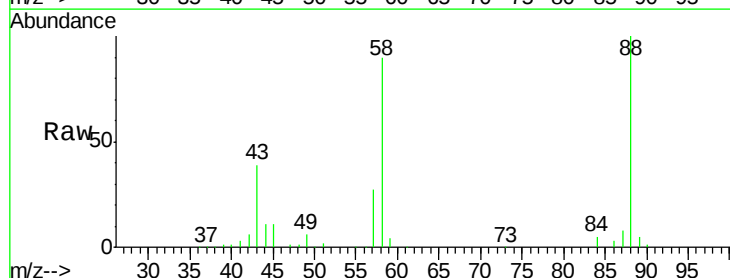
Tgt Ion: 88 Resp: 193886

Ion Ratio Lower Upper

88 100

58 84.5 65.0 97.6

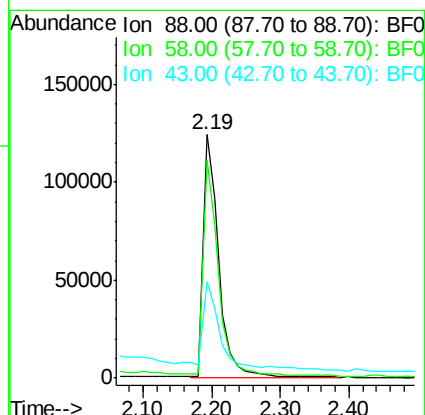
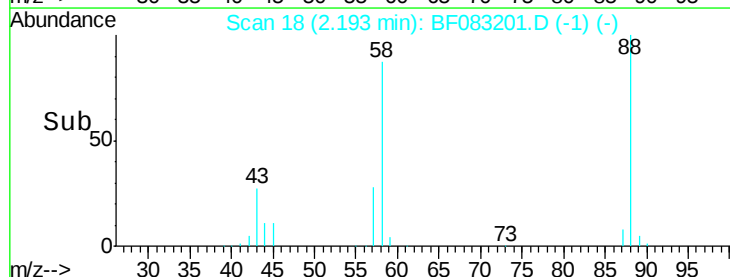
43 44.8 24.7 37.1#

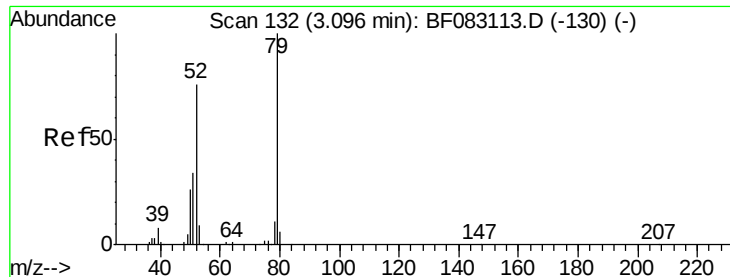


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.49 ng

RT: 2.86 min Scan# 76

Delta R.T. -0.24 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

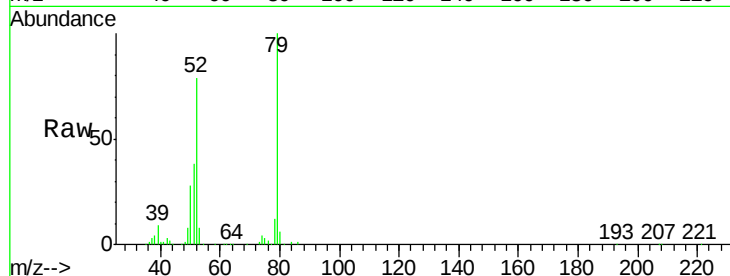
Tgt Ion: 79 Resp: 553316

Ion Ratio Lower Upper

79 100

52 78.5 60.7 91.1

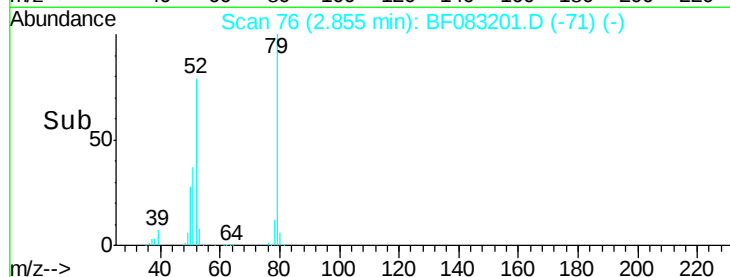
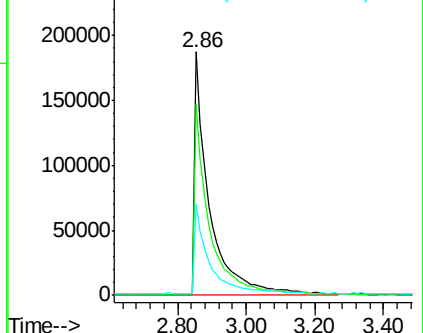
51 37.6 27.9 41.9



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: 35.42 ng

RT: 2.80 min Scan# 71

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

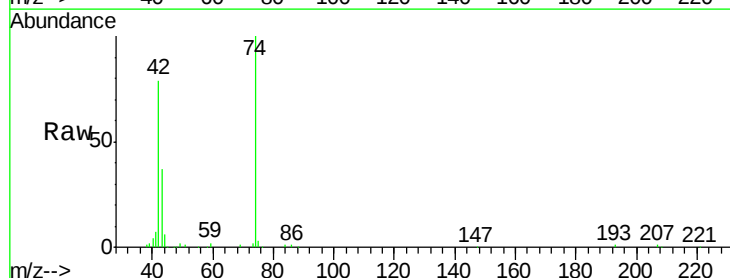
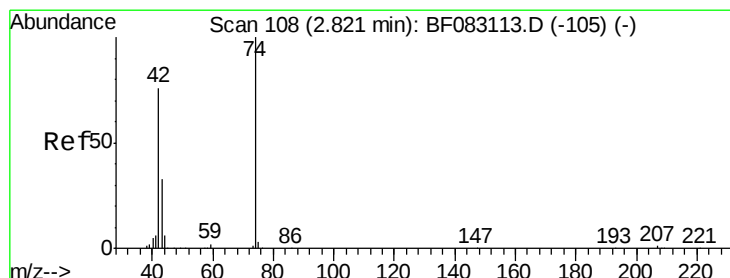
Tgt Ion: 42 Resp: 296483

Ion Ratio Lower Upper

42 100

74 126.6 104.8 157.2

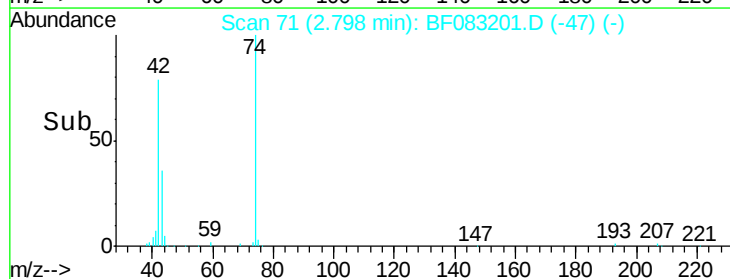
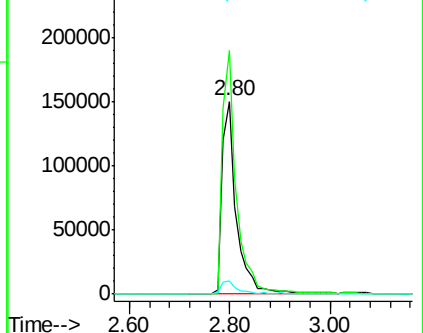
44 7.0 6.2 9.4

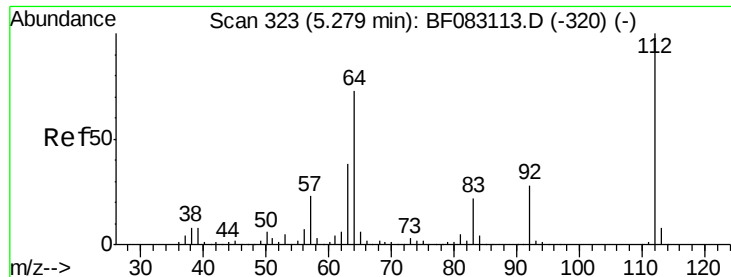


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 67.89 ng

RT: 5.24 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

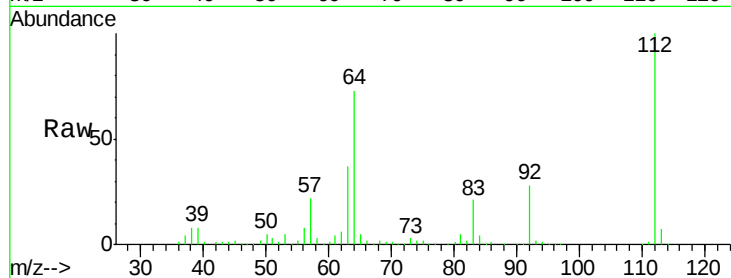
Instrument :

BNA_F

ClientSampleId :

PB86782BS

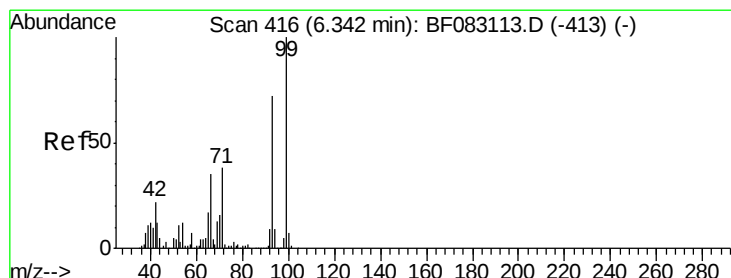
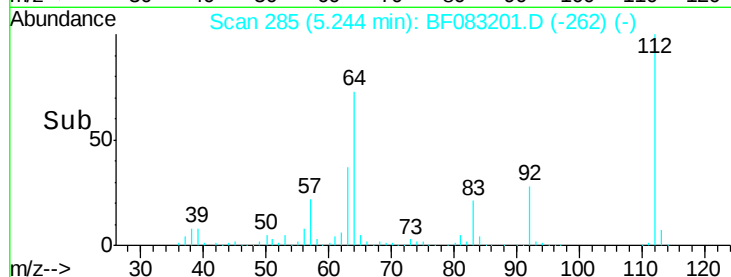
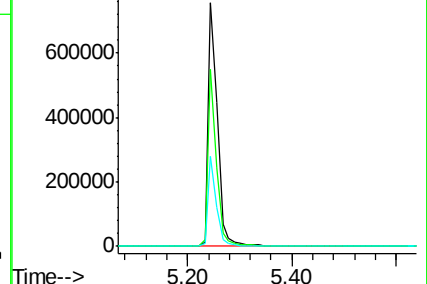
Tgt Ion:	112	Resp:	941814
Ion	Ratio	Lower	Upper
112	100		
64	72.5	58.4	87.6
63	36.8	30.0	45.0



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: 23.73 ng

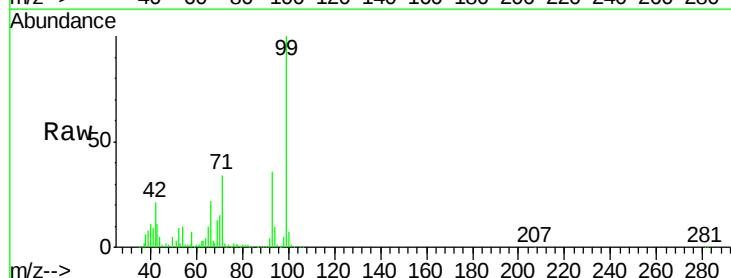
RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

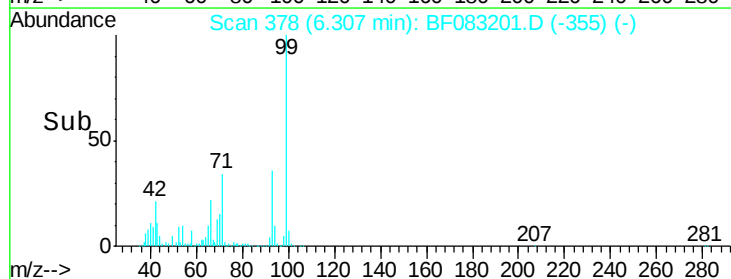
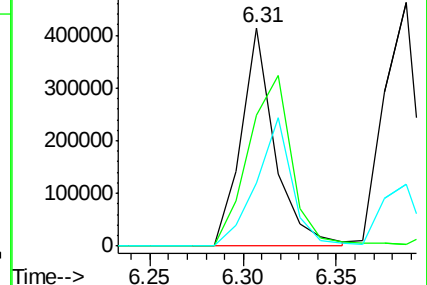
Tgt Ion:	93	Resp:	520631
Ion	Ratio	Lower	Upper
93	100		
66	59.8	38.7	58.1#
65	28.8	18.6	27.8#

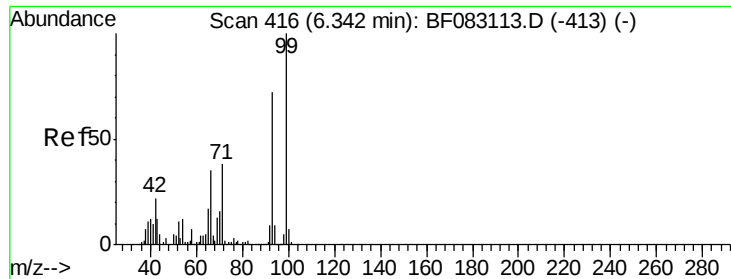


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 69.66 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

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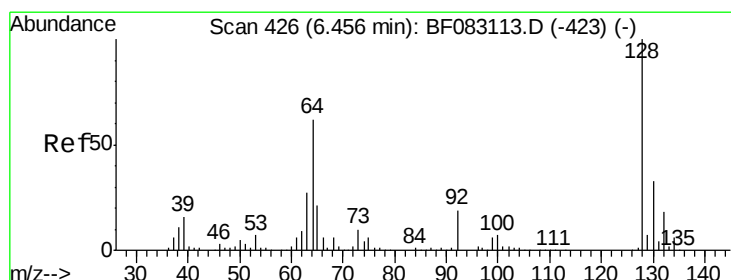
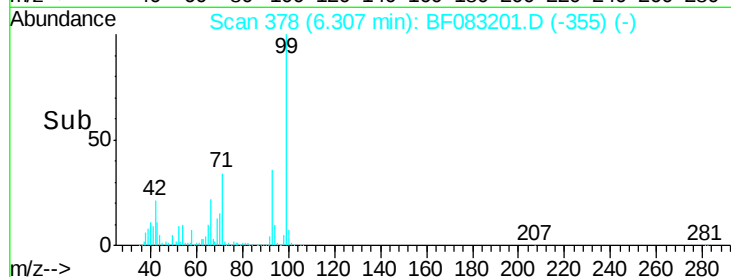
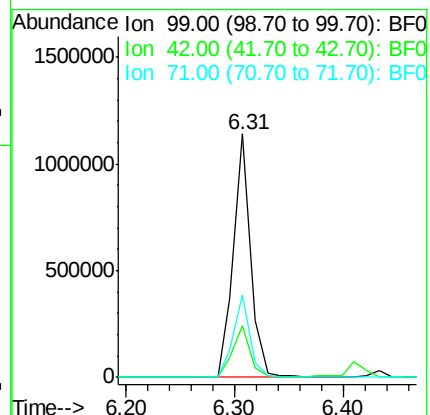
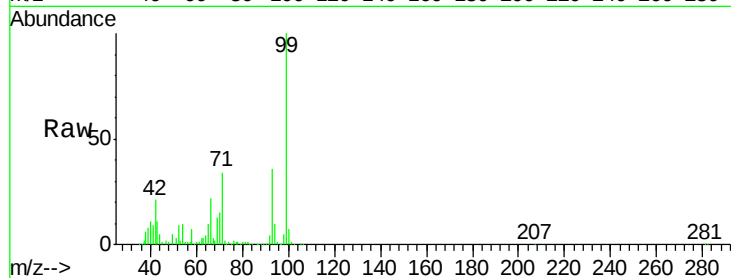
Tgt Ion: 99 Resp: 1250369

Ion Ratio Lower Upper

99 100

42 21.0 17.7 26.5

71 33.7 30.2 45.4



#8

2-Chlorophenol

Concen: 35.34 ng

RT: 6.43 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

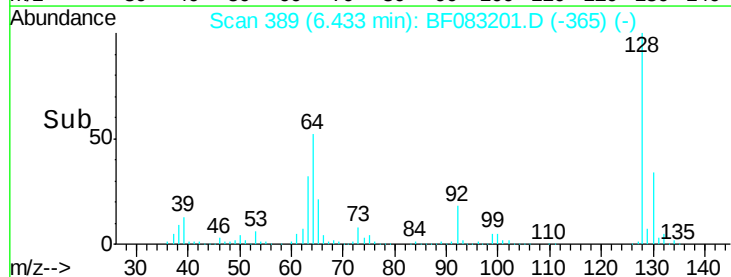
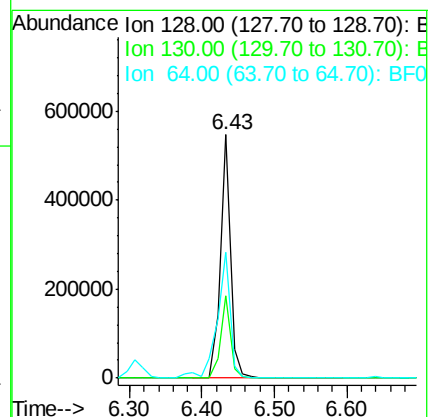
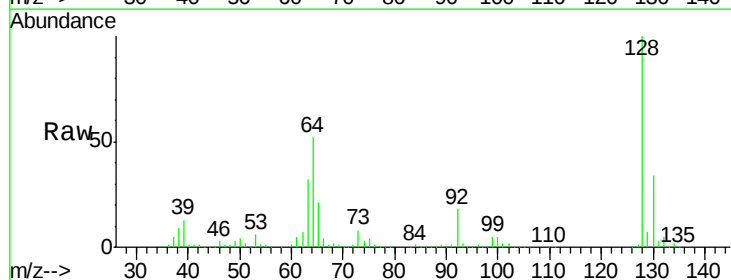
Tgt Ion: 128 Resp: 529665

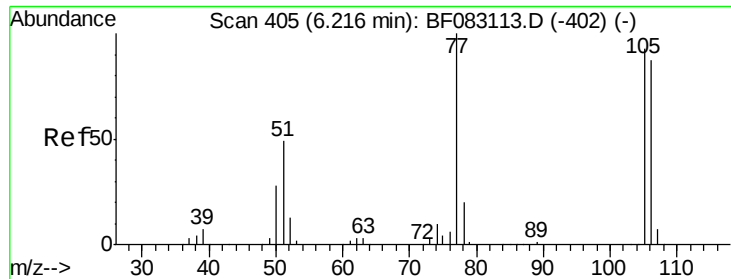
Ion Ratio Lower Upper

128 100

130 33.6 12.6 52.6

64 51.8 41.9 81.9





#9

Benzaldehyde

Concen: 19.68 ng

RT: 6.18 min Scan# 367

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

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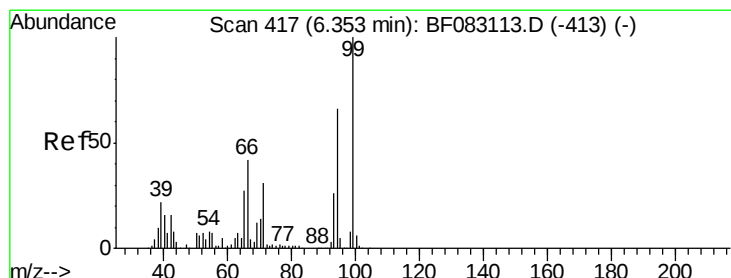
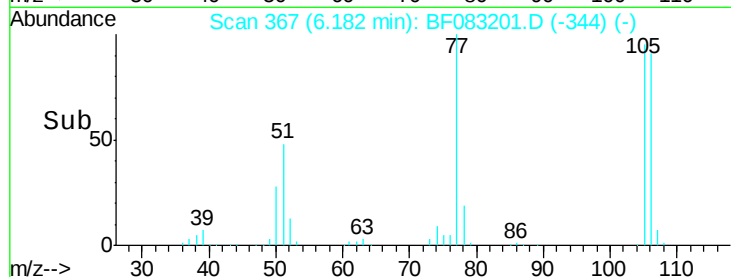
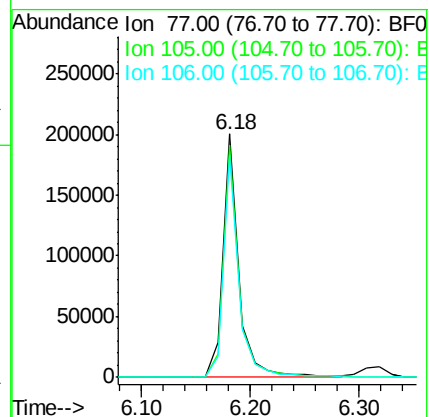
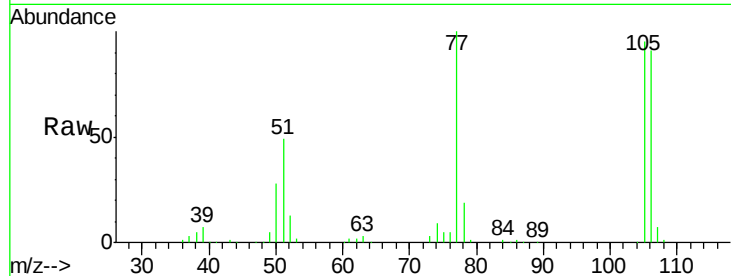
Tgt Ion: 77 Resp: 206416

Ion Ratio Lower Upper

77 100

105 95.3 73.4 113.4

106 91.2 67.5 107.5



#10

Phenol

Concen: 33.58 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

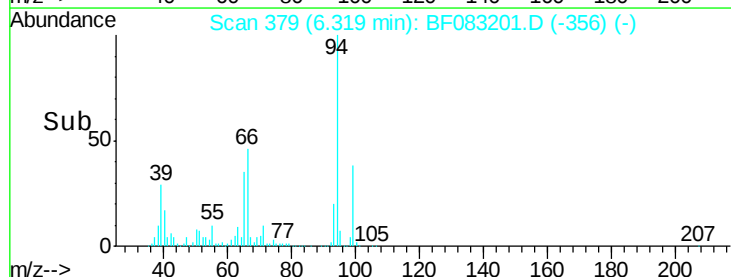
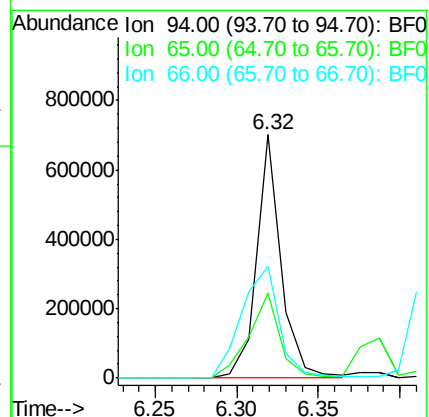
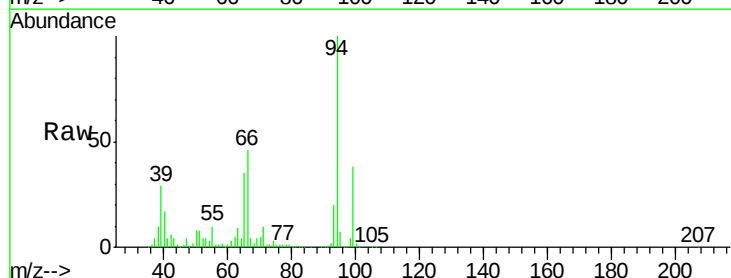
Tgt Ion: 94 Resp: 729179

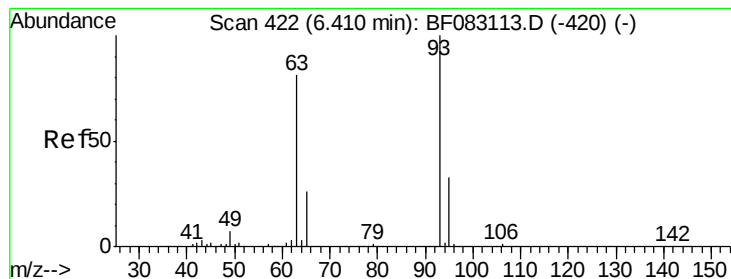
Ion Ratio Lower Upper

94 100

65 34.6 21.1 61.1

66 46.0 43.1 83.1





#11

bis(2-Chloroethyl)ether

Concen: 36.79 ng

RT: 6.39 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

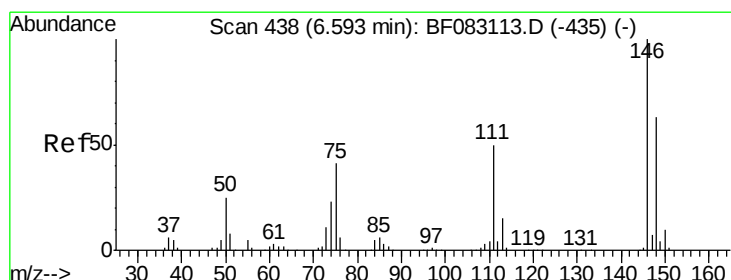
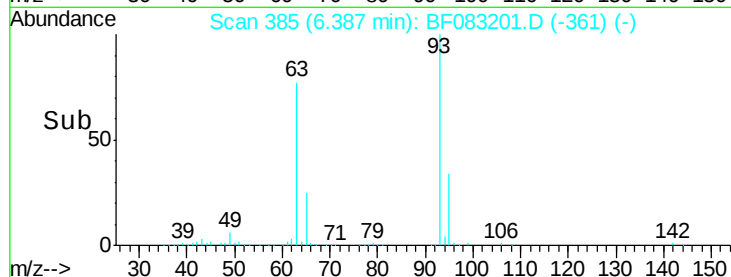
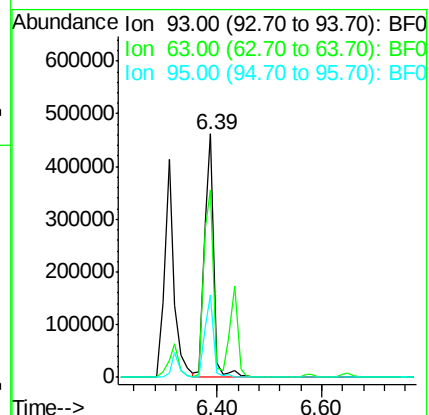
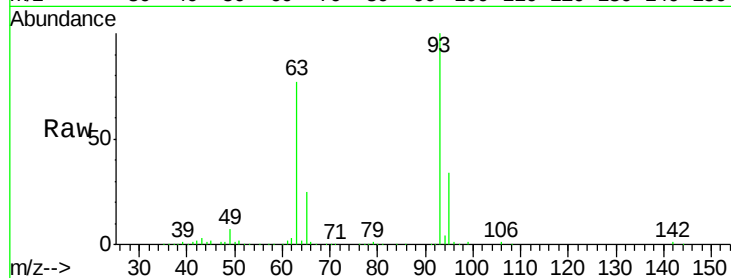
Tgt Ion: 93 Resp: 570395

Ion Ratio Lower Upper

93 100

63 76.9 59.8 99.8

95 33.6 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 30.84 ng

RT: 6.81 min Scan# 422

Delta R.T. 0.22 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

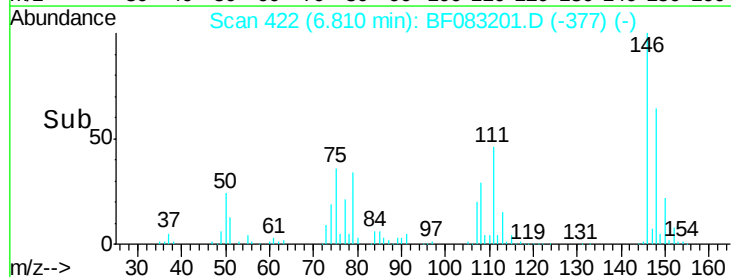
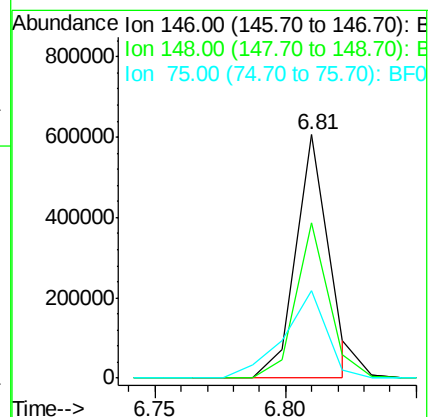
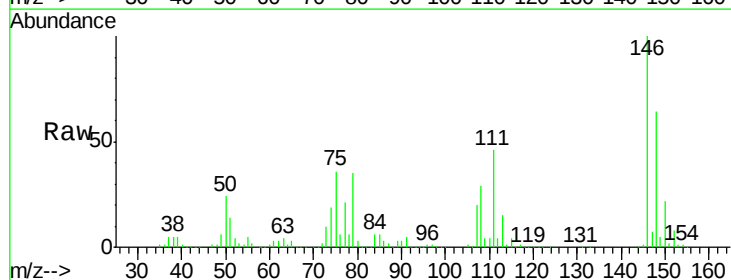
Tgt Ion: 146 Resp: 527809

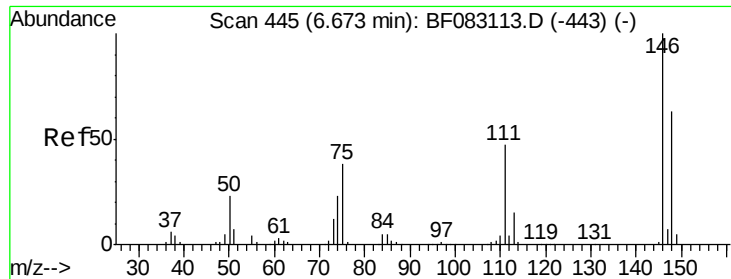
Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

75 36.0 32.7 49.1

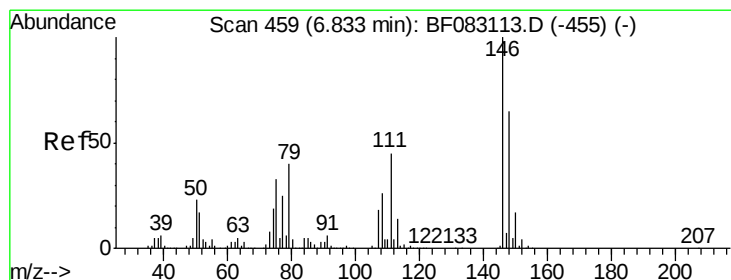
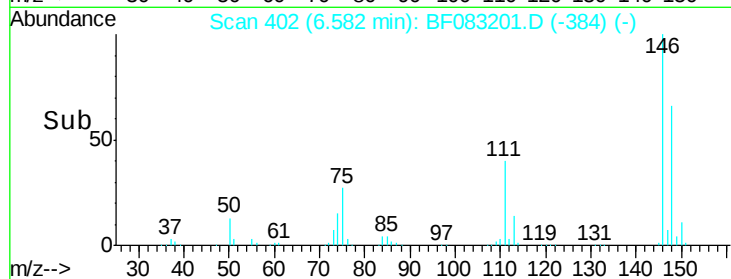
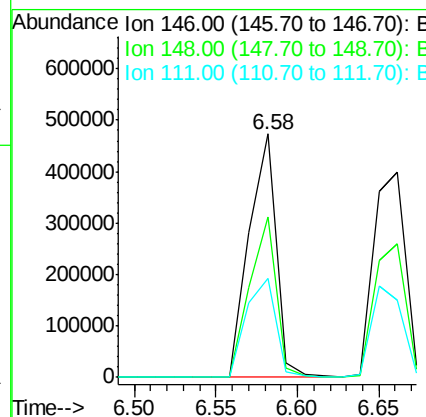
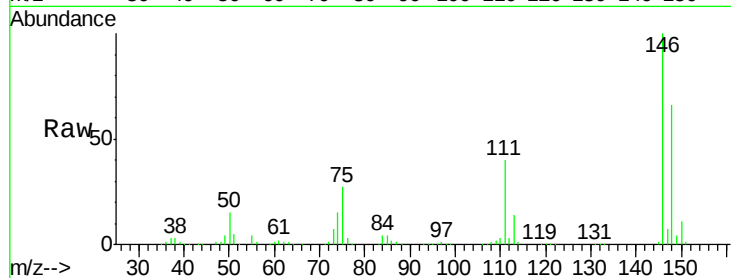




#13
 1,4-Dichlorobenzene
 Concen: 31.42 ng
 RT: 6.58 min Scan# 402
 Delta R.T. -0.09 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

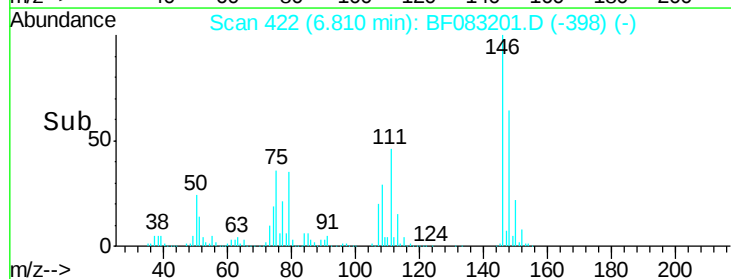
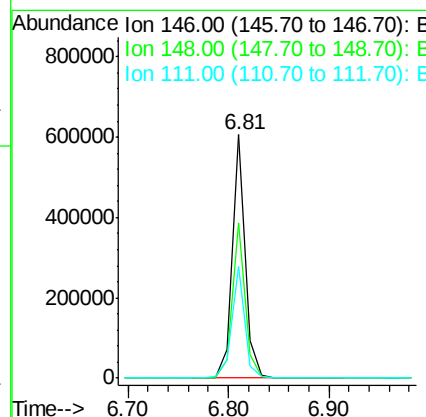
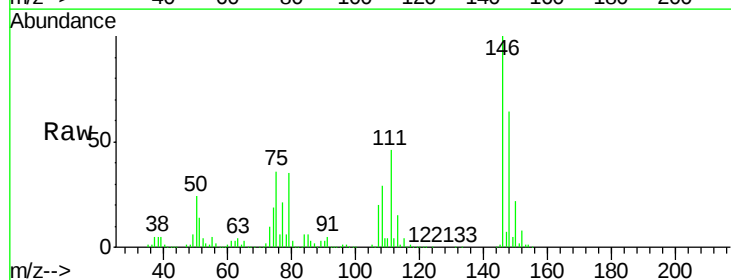
Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

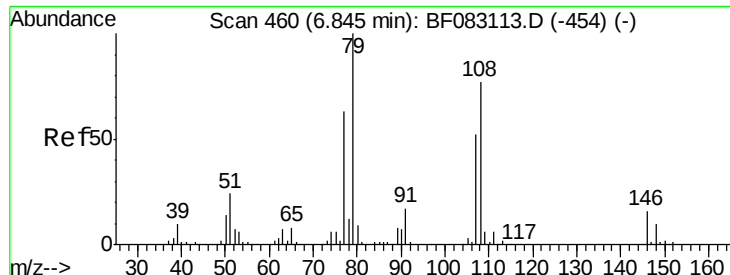
Tgt Ion:146 Resp: 543870
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.2 75.2
 111 40.4 37.5 56.3



#14
 1,2-Dichlorobenzene
 Concen: 34.06 ng
 RT: 6.81 min Scan# 422
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion:146 Resp: 535958
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.8 77.6
 111 46.0 36.2 54.4





#15

Benzyl Alcohol

Concen: 31.39 ng

RT: 6.80 min Scan# 421

Delta R.T. -0.05 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

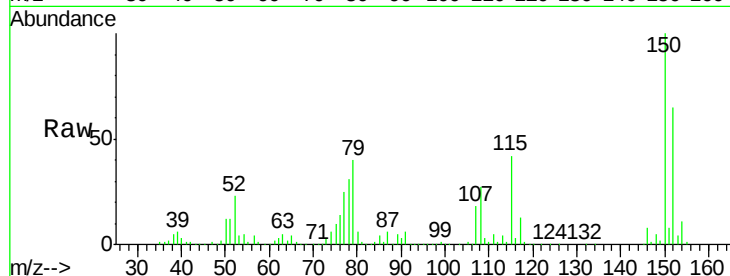
Tgt Ion: 79 Resp: 470882

Ion Ratio Lower Upper

79 100

108 67.6 61.4 92.2

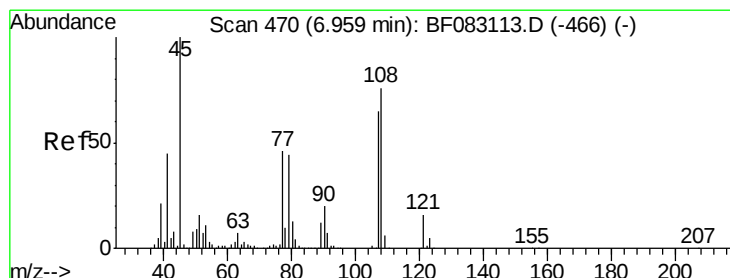
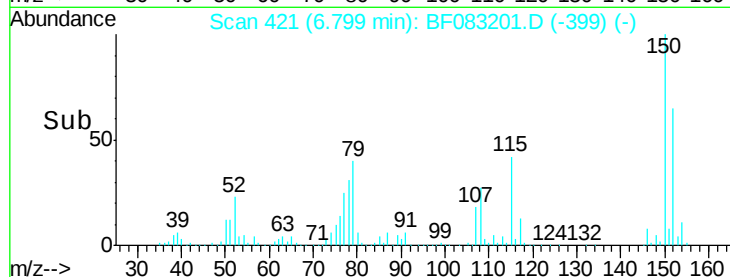
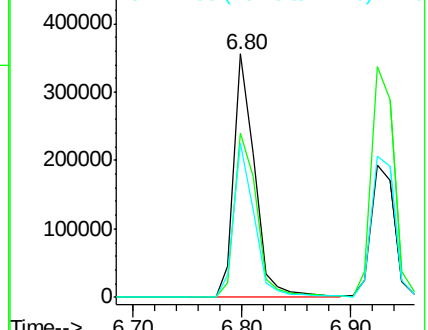
77 63.0 50.5 75.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.23 ng

RT: 6.94 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

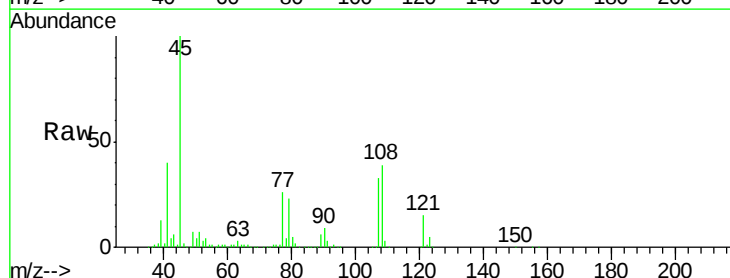
Tgt Ion: 45 Resp: 972665

Ion Ratio Lower Upper

45 100

77 25.6 26.7 66.7#

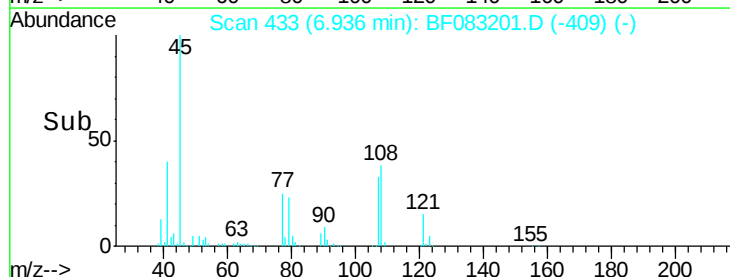
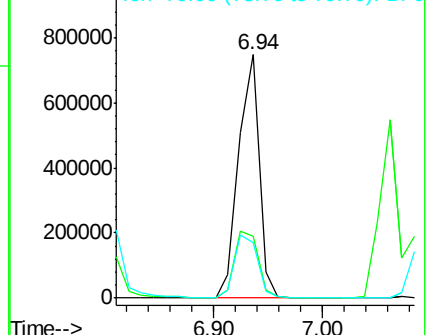
79 22.8 24.3 64.3#

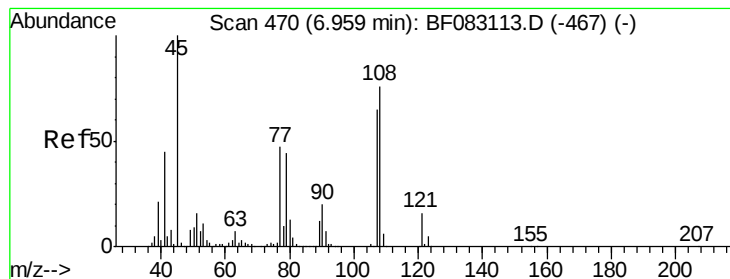


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 34.42 ng

RT: 6.92 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tgt Ion:107 Resp: 426823

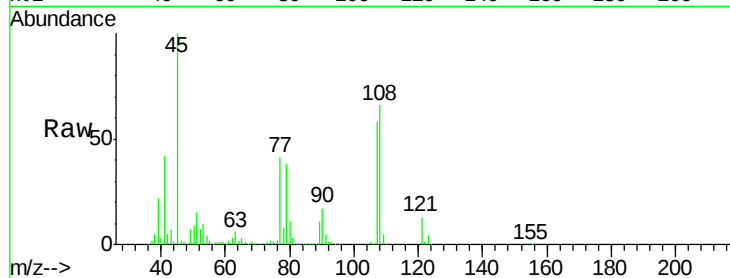
Ion Ratio Lower Upper

107 100

108 113.9 93.8 140.6

77 69.7 57.4 86.0

79 65.1 54.4 81.6

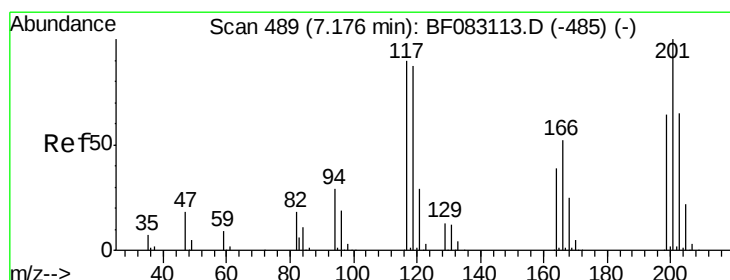
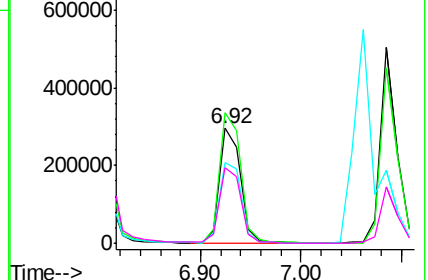
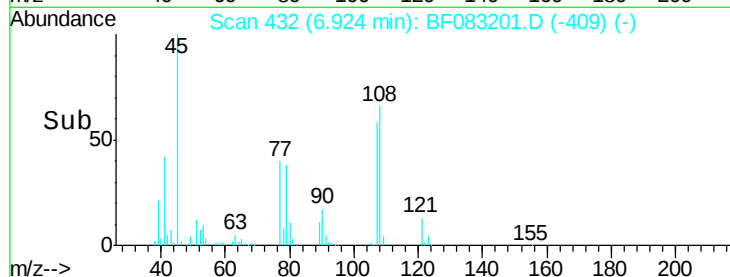


Abundance Ion 107.00 (106.70 to 107.70): E

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: 33.42 ng

RT: 7.15 min Scan# 452

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

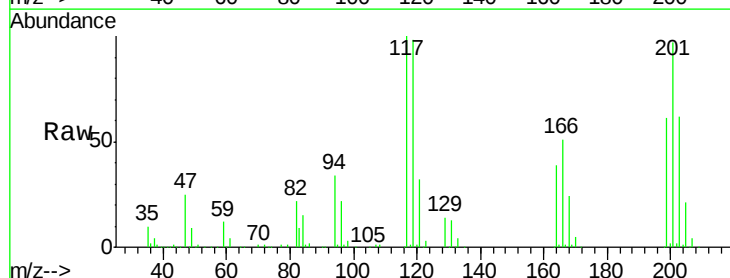
Tgt Ion:117 Resp: 203754

Ion Ratio Lower Upper

117 100

119 98.0 76.8 115.2

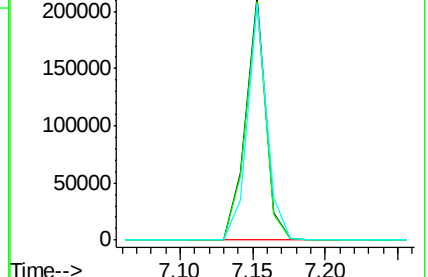
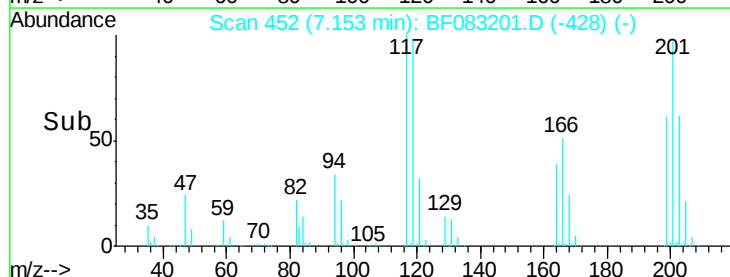
201 96.8 88.6 133.0

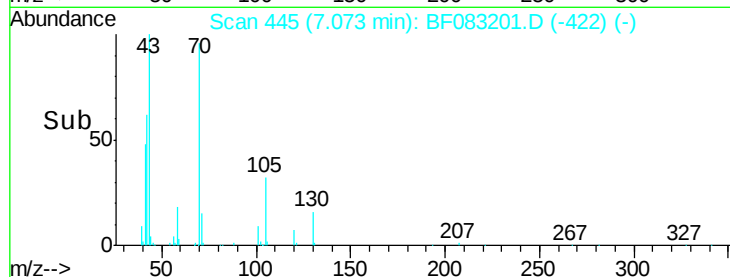
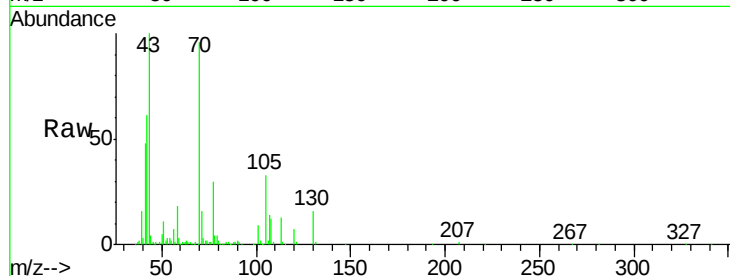
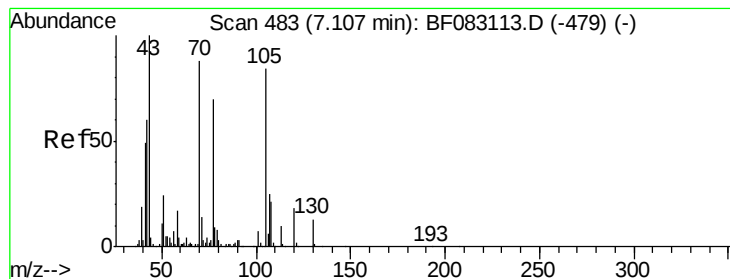


Abundance Ion 117.00 (116.70 to 117.70): E

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: 35.62 ng

RT: 7.07 min Scan# 445

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tgt Ion: 70 Resp: 444988

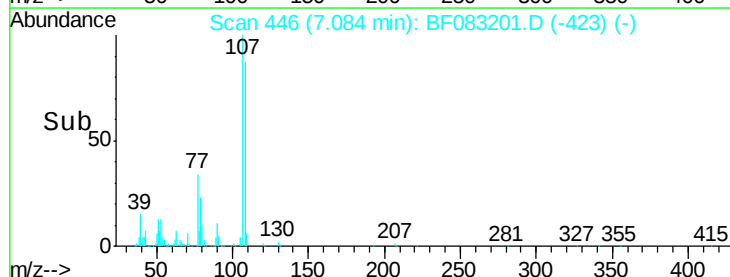
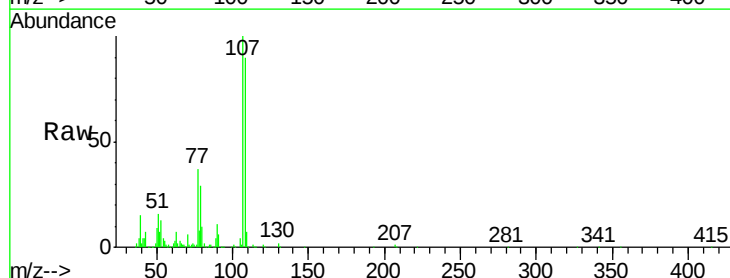
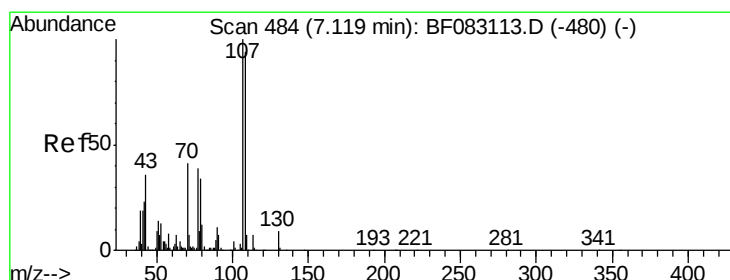
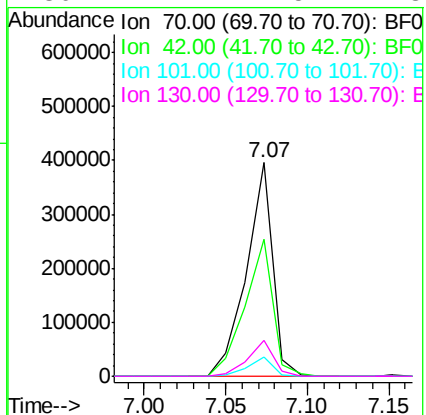
Ion Ratio Lower Upper

70 100

42 64.3 54.5 81.7

101 8.9 6.6 9.8

130 17.1 11.5 17.3



#20

3+4-Methylphenols

Concen: 37.21 ng

RT: 7.08 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tgt Ion: 107 Resp: 583309

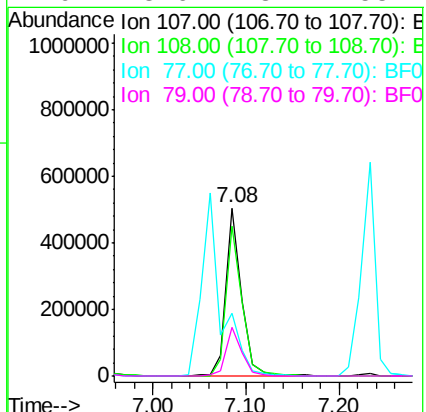
Ion Ratio Lower Upper

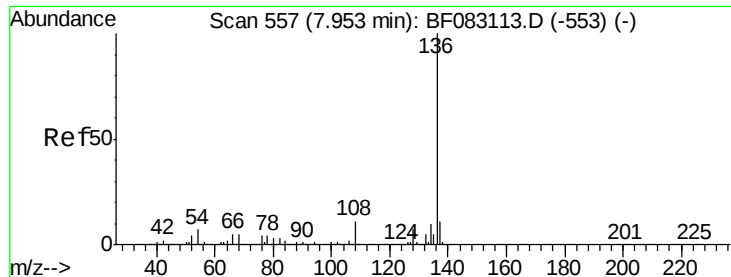
107 100

108 89.5 73.8 113.8

77 37.4 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: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tgt Ion:136 Resp: 826045

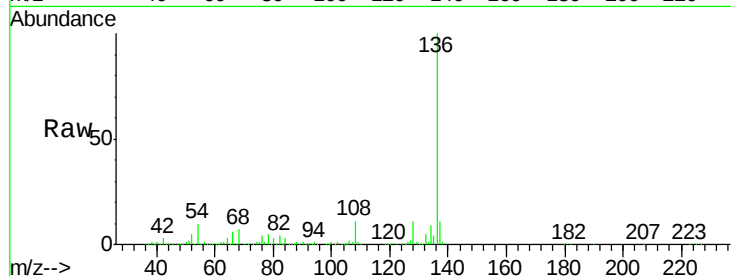
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.1 5.8 8.6#

68 7.0 3.8 5.8#

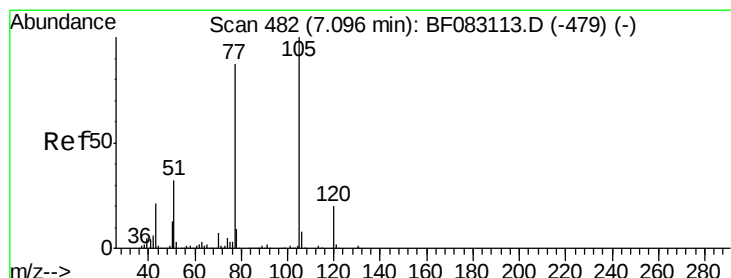
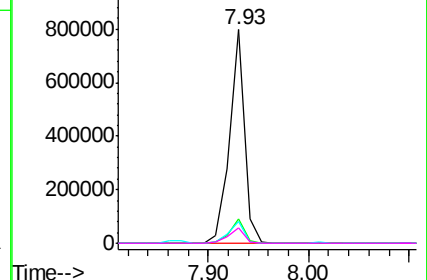
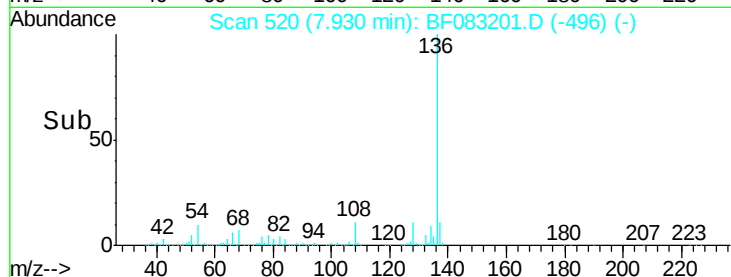


Abundance Ion 136.00 (135.70 to 136.70): E

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: 31.92 ng

RT: 7.06 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tgt Ion:105 Resp: 756872

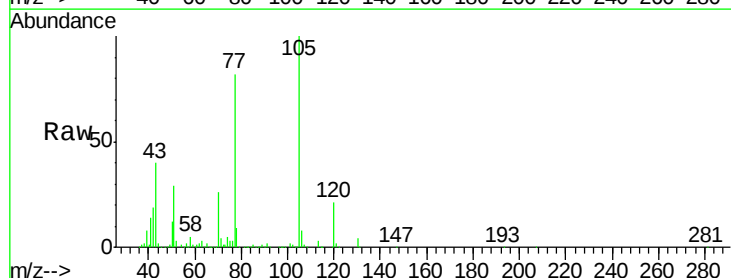
Ion Ratio Lower Upper

105 100

71 4.4 1.0 1.4#

51 29.2 25.6 38.4

120 20.8 15.8 23.6

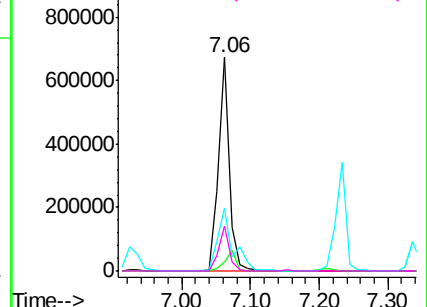
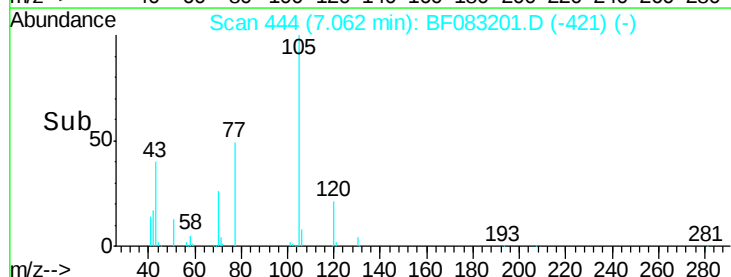


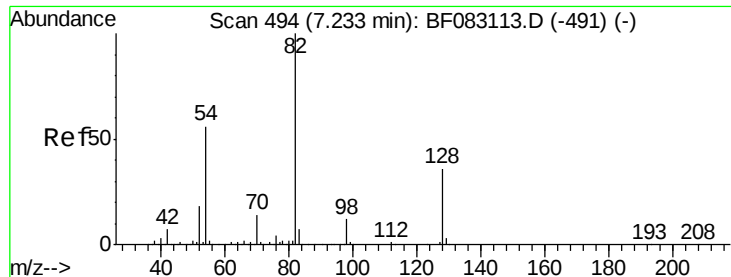
Abundance Ion 105.00 (104.70 to 105.70): E

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

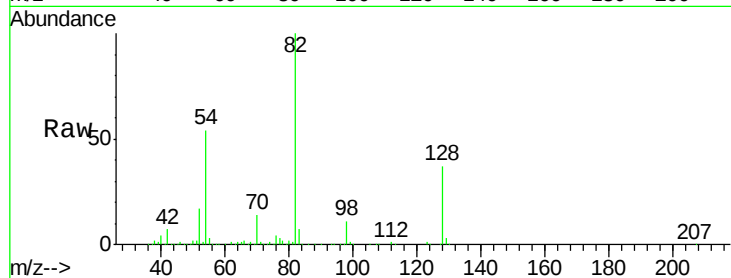




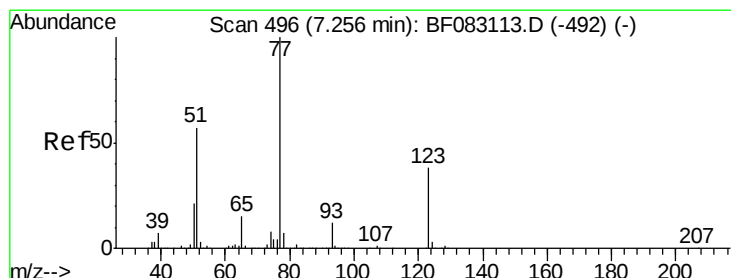
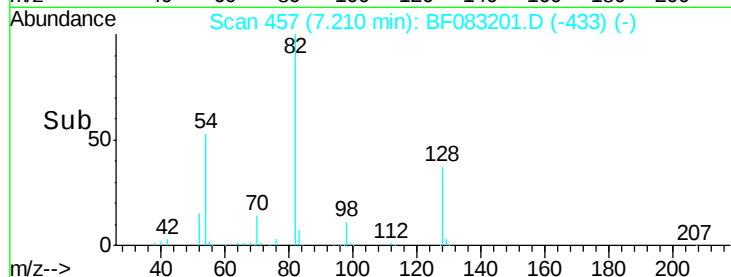
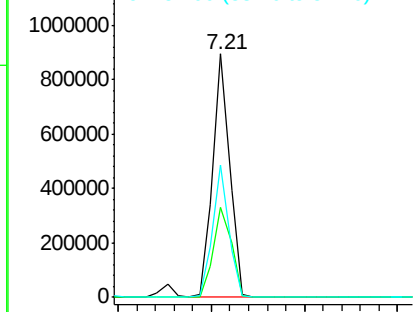
#23
 Nitrobenzene-d5
 Concen: 62.98 ng
 RT: 7.21 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tgt Ion: 82 Resp: 1138475
 Ion Ratio Lower Upper
 82 100
 128 37.1 28.5 42.7
 54 54.4 44.6 67.0

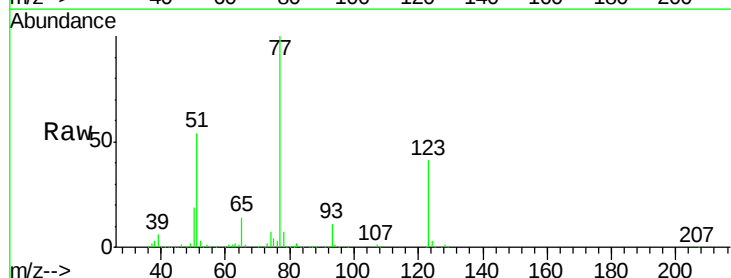


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

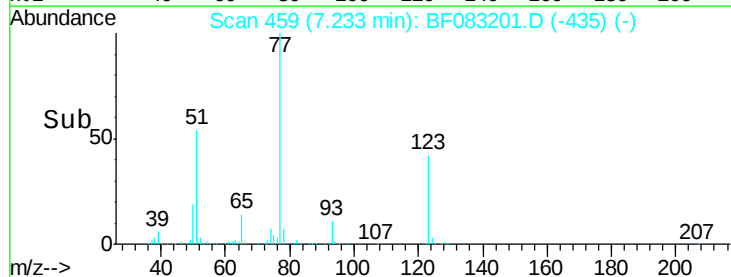
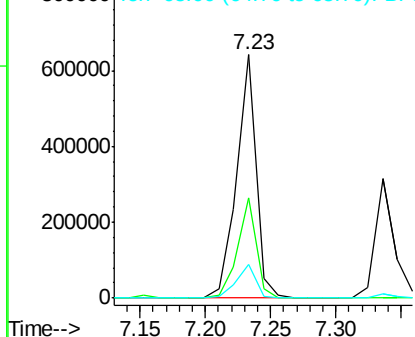


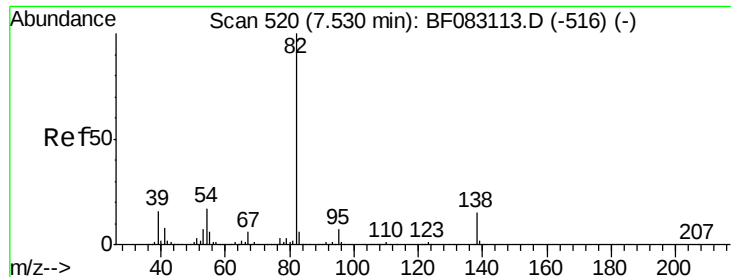
#24
 Nitrobenzene
 Concen: 34.02 ng
 RT: 7.23 min Scan# 459
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion: 77 Resp: 657155
 Ion Ratio Lower Upper
 77 100
 123 41.4 30.1 45.1
 65 13.7 11.6 17.4



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





#25

Isophorone

Concen: 32.24 ng

RT: 7.47 min Scan# 480

Delta R.T. -0.06 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

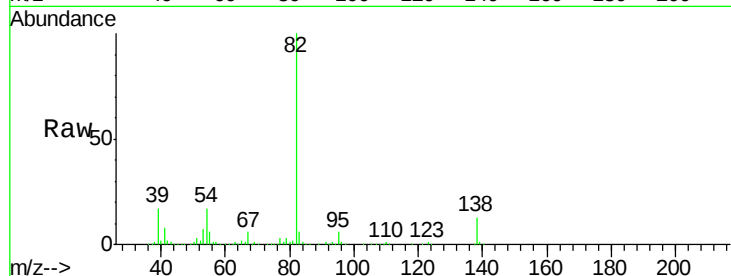
Tgt Ion: 82 Resp: 1103434

Ion Ratio Lower Upper

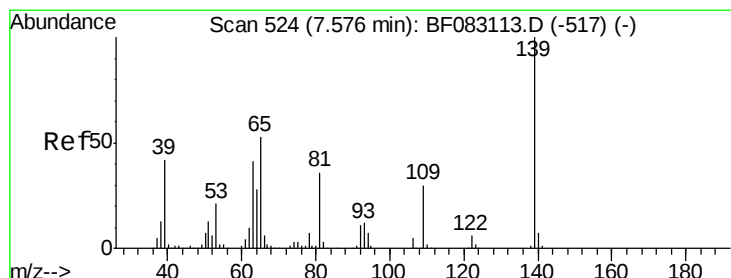
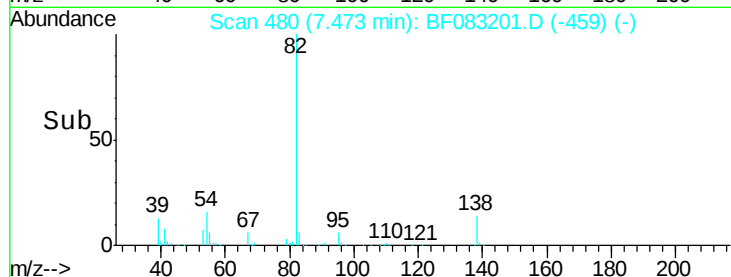
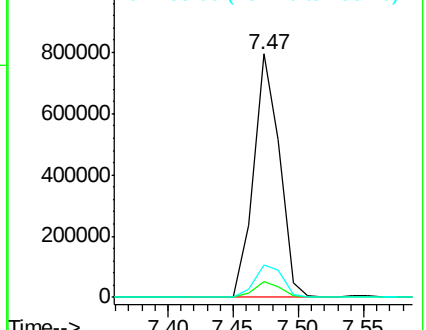
82 100

95 6.3 5.8 8.8

138 13.4 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: 32.21 ng

RT: 7.55 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

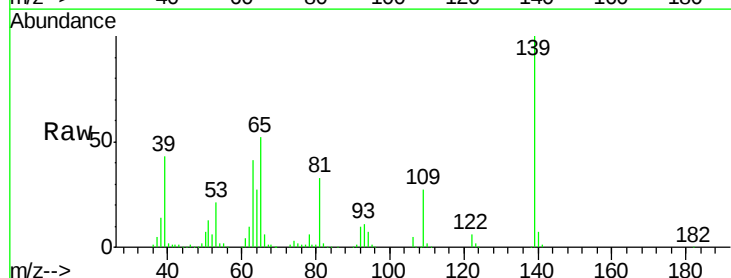
Tgt Ion: 139 Resp: 274679

Ion Ratio Lower Upper

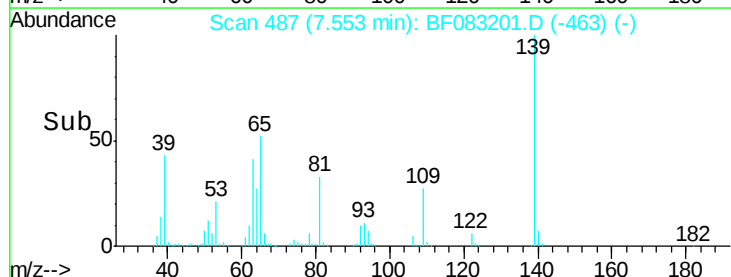
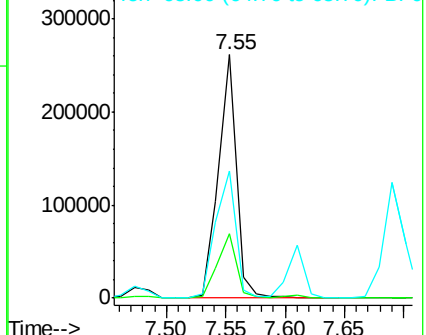
139 100

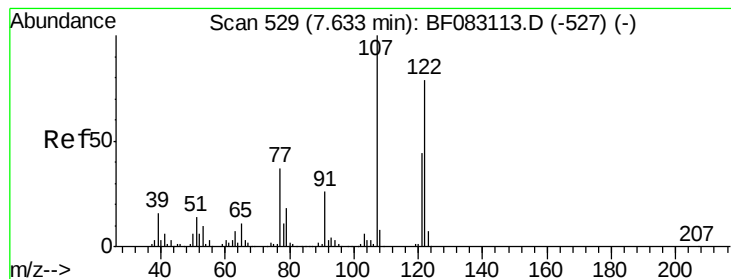
109 26.5 23.9 35.9

65 52.4 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: 35.66 ng

RT: 7.61 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

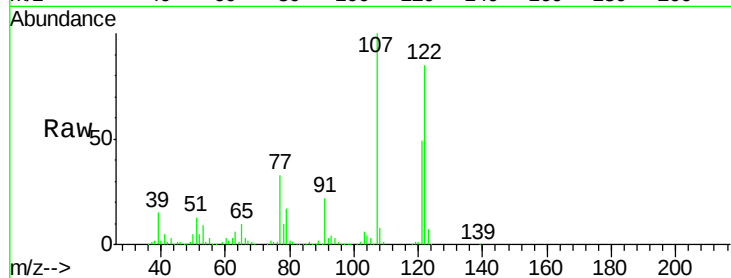
Tgt Ion:122 Resp: 485265

Ion Ratio Lower Upper

122 100

107 117.2 101.1 151.7

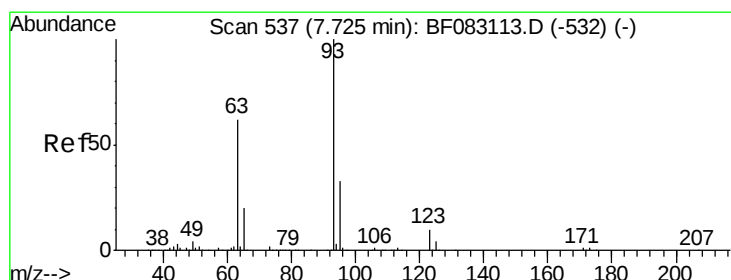
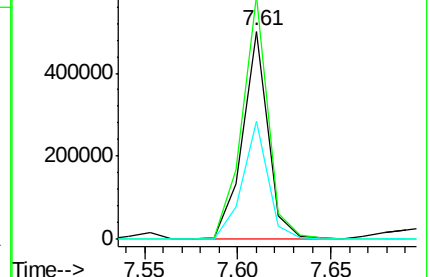
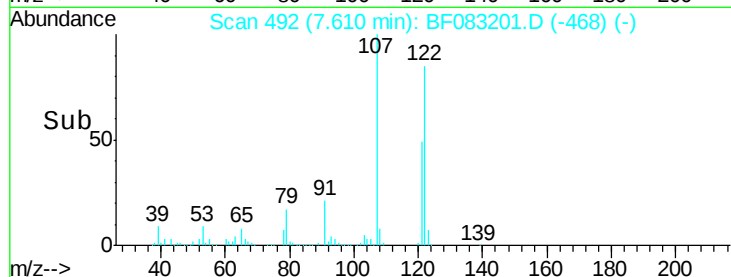
121 57.1 44.9 67.3



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: 32.78 ng

RT: 7.69 min Scan# 499

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

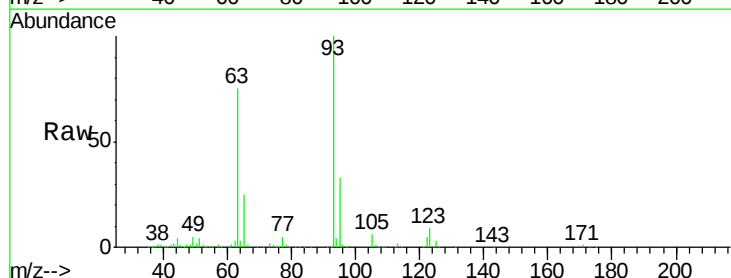
Tgt Ion: 93 Resp: 652338

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

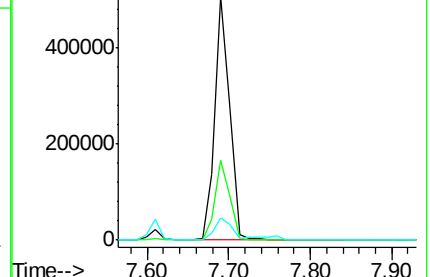
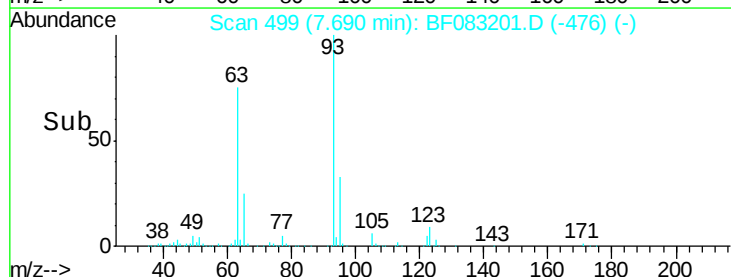
123 9.3 8.1 12.1

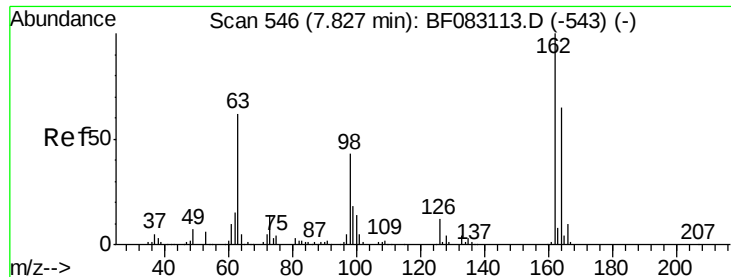


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

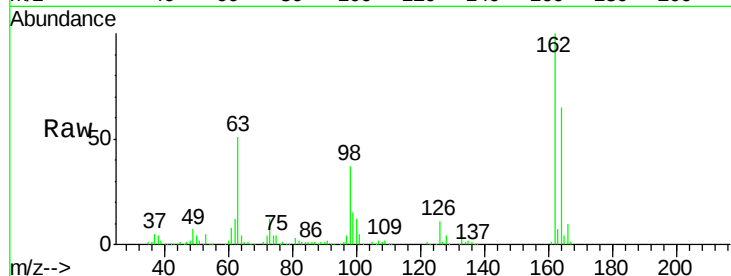




#29
 2,4-Dichlorophenol
 Concen: 35.33 ng
 RT: 7.80 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.8	84.8
98	36.8	23.1	63.1

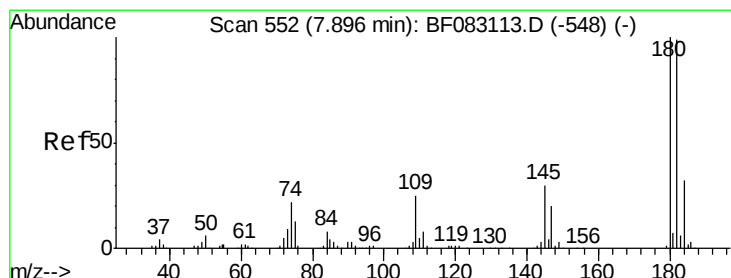
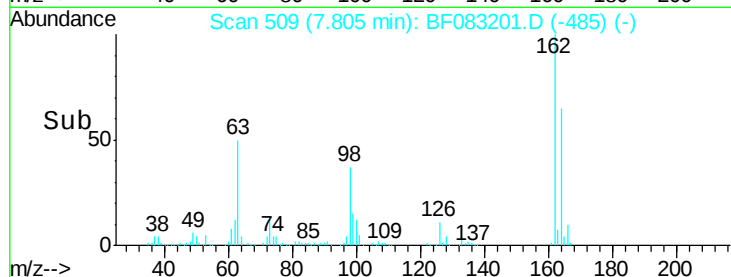
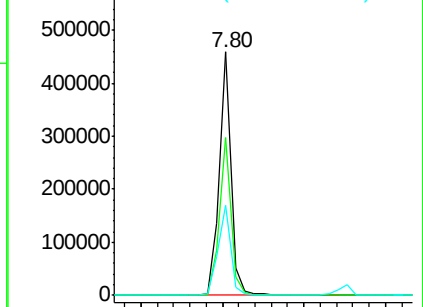


Abundance

Ion 162.00 (161.70 to 162.70): E

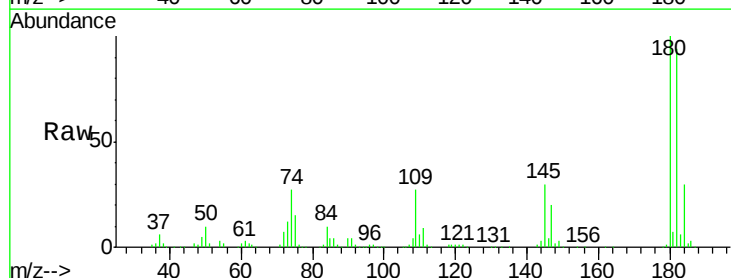
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 32.39 ng
 RT: 7.87 min Scan# 515
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	79.0	118.6
145	29.9	24.2	36.2

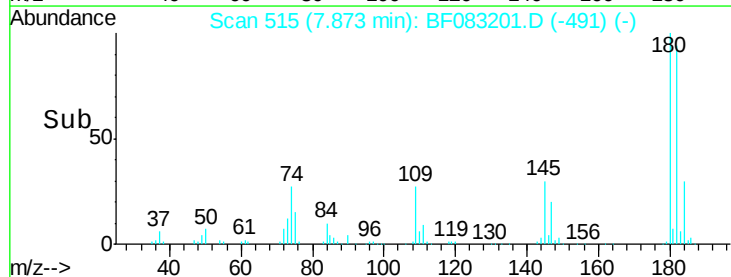
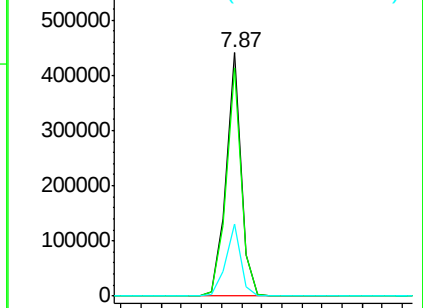


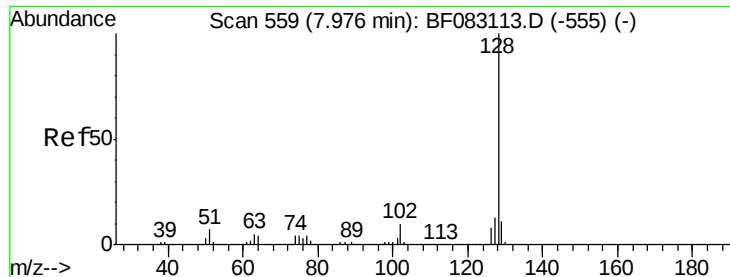
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

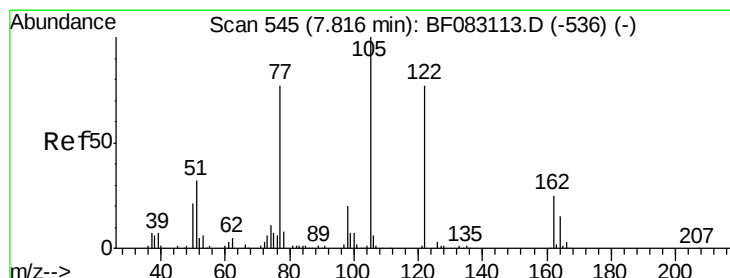
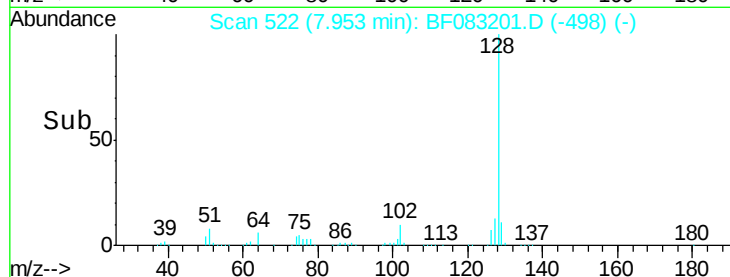
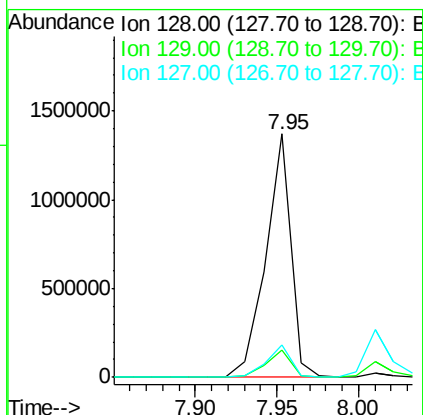
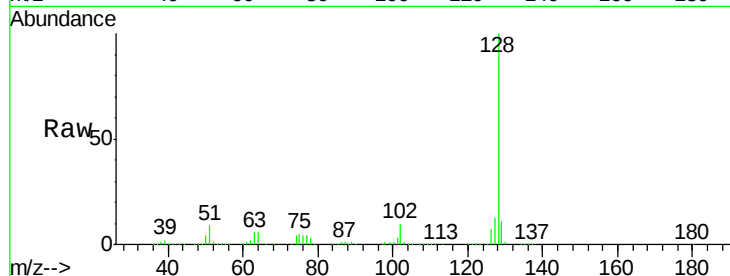




#31
Naphthalene
Concen: 33.09 ng
RT: 7.95 min Scan# 522
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

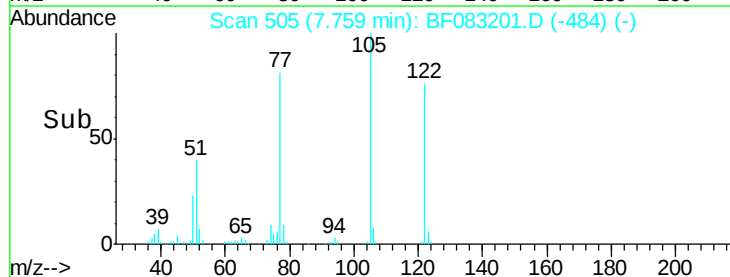
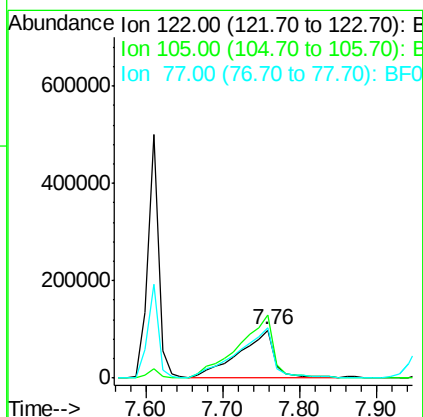
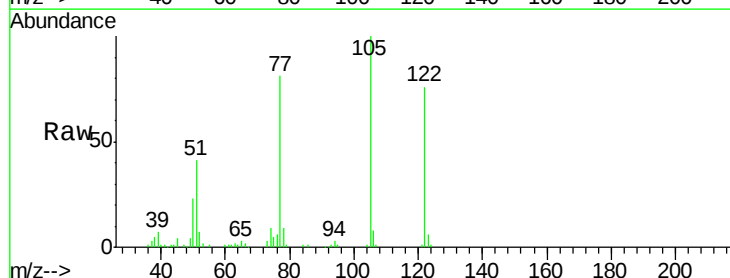
Instrument :
BNA_F
ClientSampleId :
PB86782BS

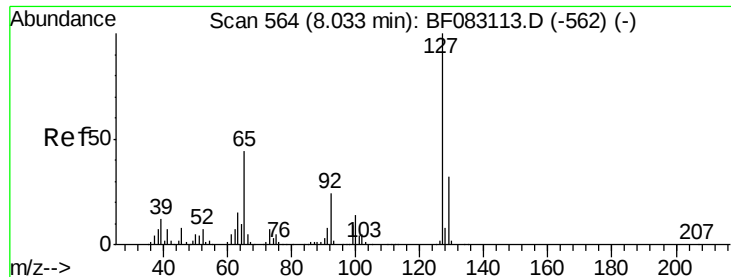
Tgt Ion:128 Resp: 1475030
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.5 10.6 15.8



#32
Benzoic acid
Concen: 29.16 ng
RT: 7.76 min Scan# 505
Delta R.T. -0.06 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion:122 Resp: 308489
Ion Ratio Lower Upper
122 100
105 130.7 109.7 149.7
77 106.2 79.7 119.7

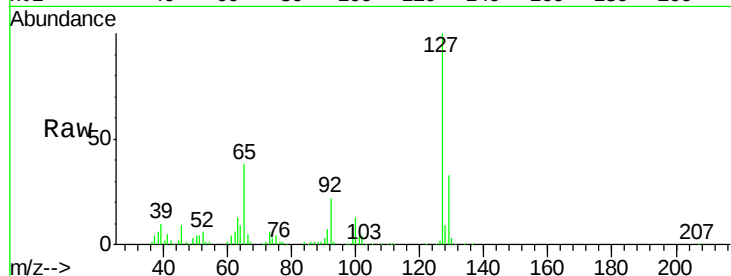




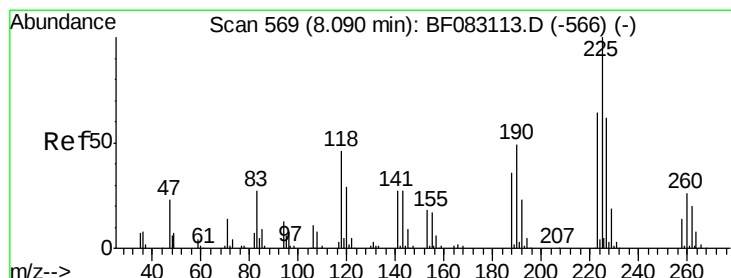
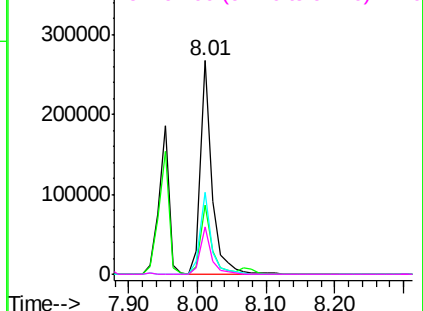
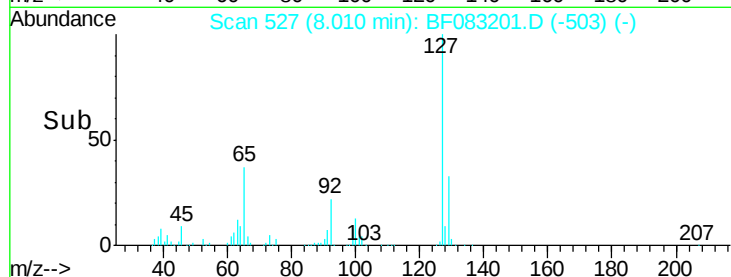
#33
4-Chloroaniline
Concen: 17.63 ng
RT: 8.01 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tgt Ion:	127	Resp:	304950
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.7	38.5
65	38.3	35.5	53.3
92	22.3	19.4	29.2

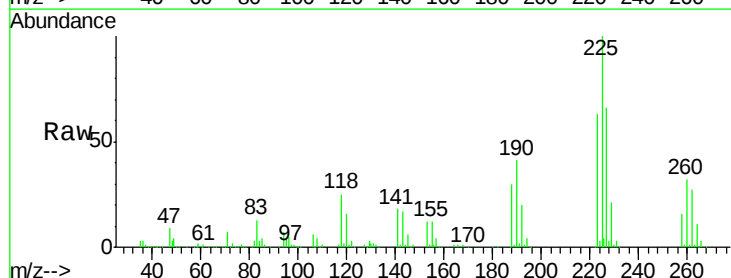


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

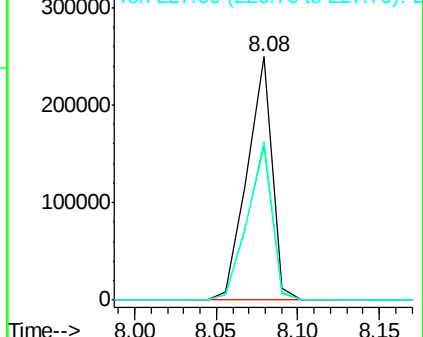
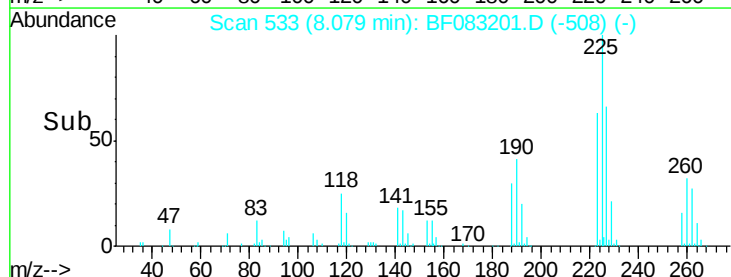


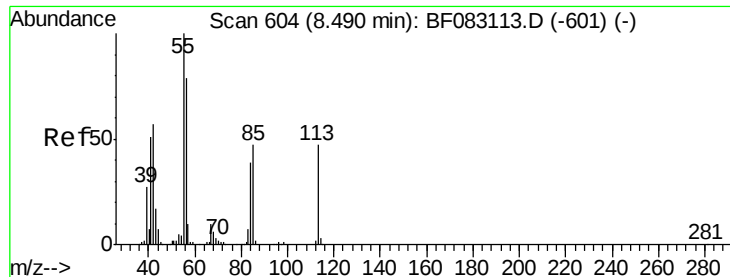
#34
Hexachlorobutadiene
Concen: 31.73 ng
RT: 8.08 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion:	225	Resp:	266574
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.3	76.9
227	65.5	49.8	74.8



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





#35

Caprolactam

Concen: 23.72 ng

RT: 8.39 min Scan# 560

Delta R.T. -0.10 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

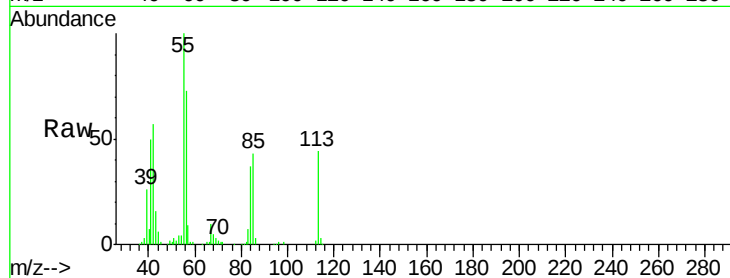
Tgt Ion:113 Resp: 98400

Ion Ratio Lower Upper

113 100

55 229.1 192.6 232.6

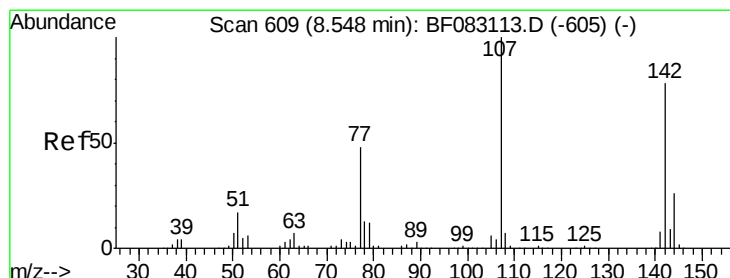
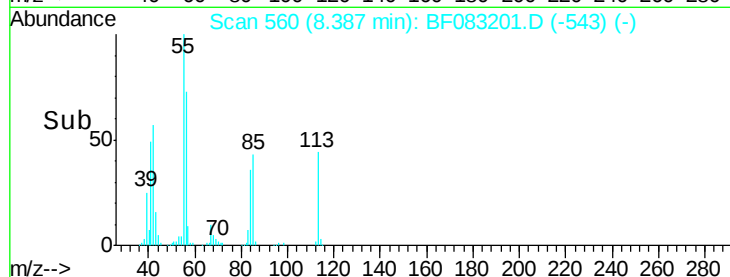
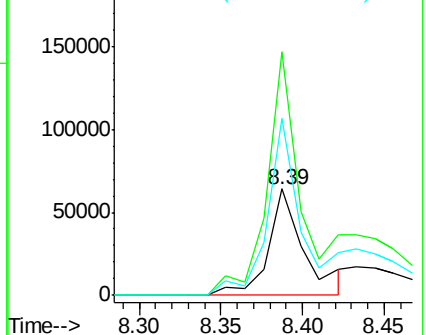
56 166.7 148.6 188.6



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: 31.79 ng

RT: 8.51 min Scan# 571

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

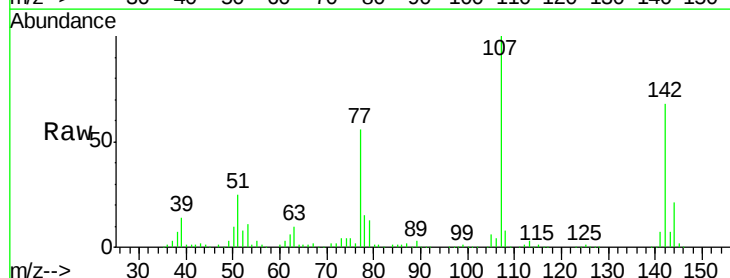
Tgt Ion:107 Resp: 476562

Ion Ratio Lower Upper

107 100

144 21.4 20.8 31.2

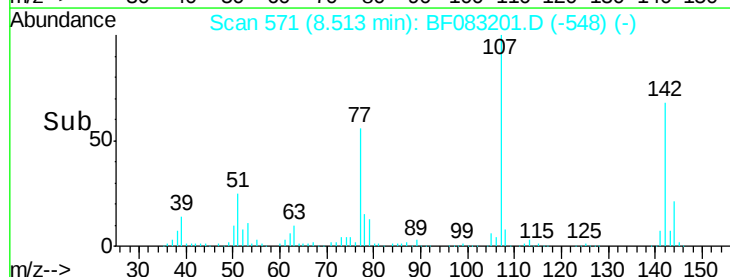
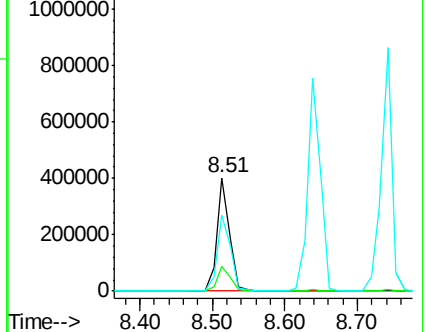
142 67.6 62.1 93.1

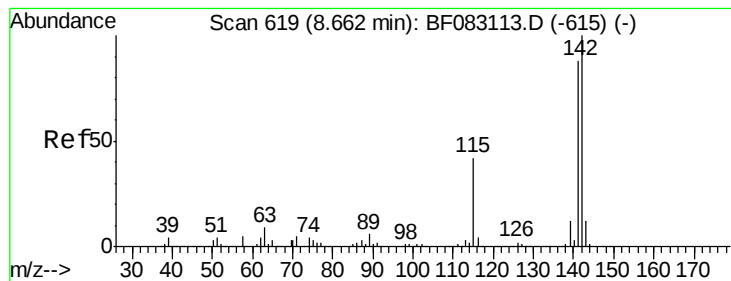


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 31.57 ng

RT: 8.64 min Scan# 582

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

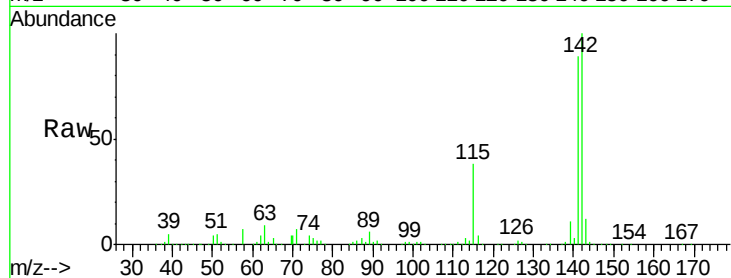
Tgt Ion:142 Resp: 913518

Ion Ratio Lower Upper

142 100

141 88.9 70.3 105.5

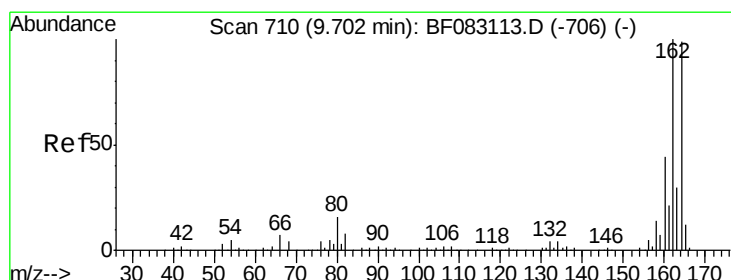
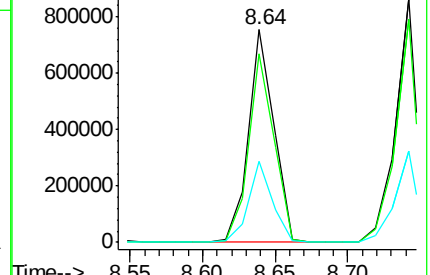
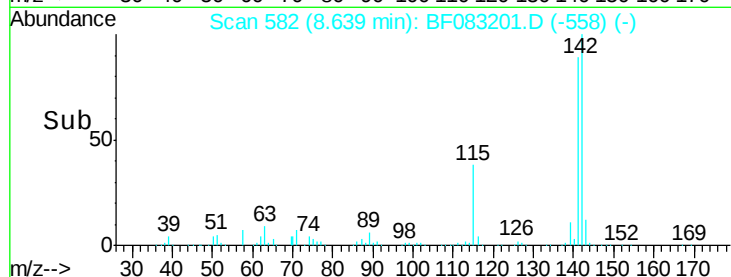
115 38.2 33.4 50.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

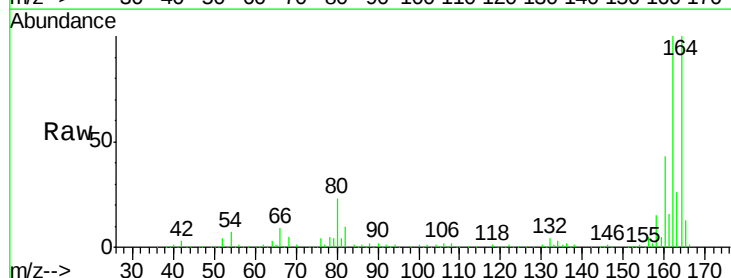
Tgt Ion:164 Resp: 416138

Ion Ratio Lower Upper

164 100

162 100.1 81.2 121.8

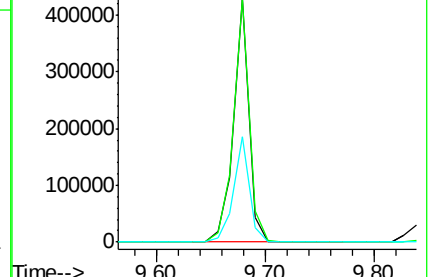
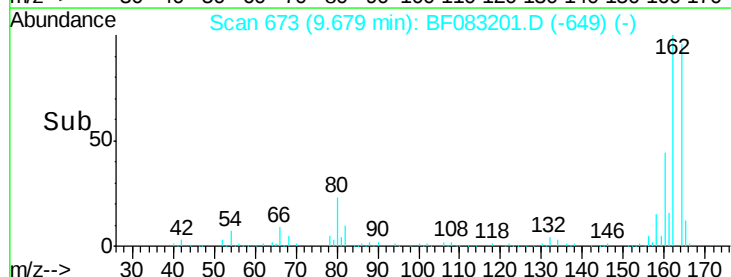
160 43.5 35.6 53.4

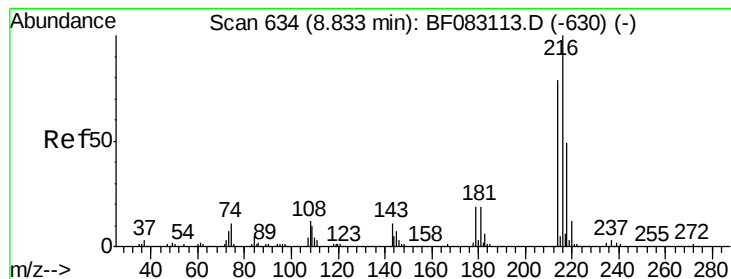


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.29 ng

RT: 8.81 min Scan# 597

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

Tgt Ion:216 Resp: 435531

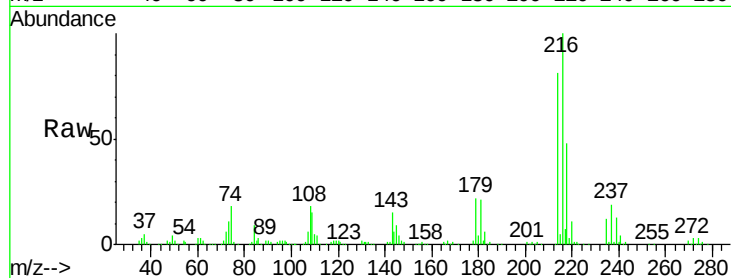
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.8

179 22.0 17.0 25.6

108 22.4 15.2 22.8

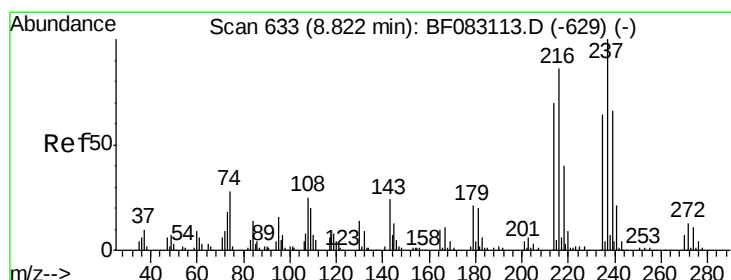
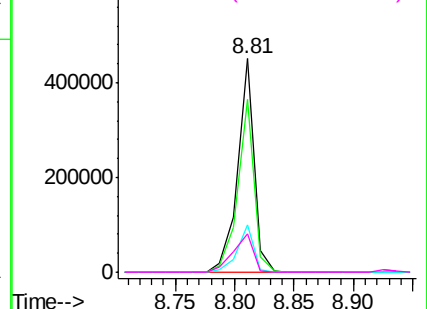
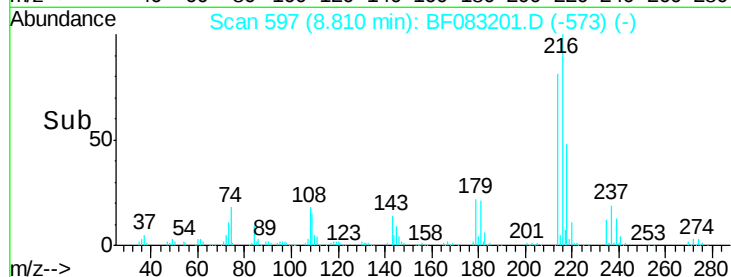


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 60.22 ng

RT: 8.80 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

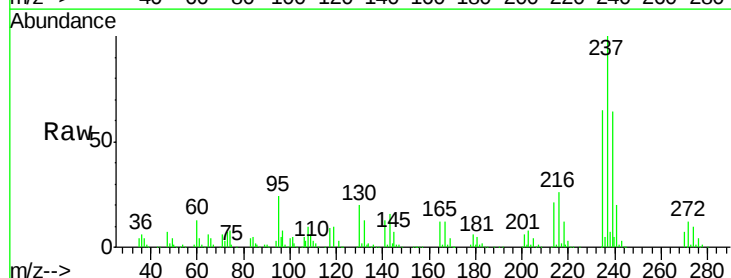
Tgt Ion:237 Resp: 461815

Ion Ratio Lower Upper

237 100

235 64.7 43.5 83.5

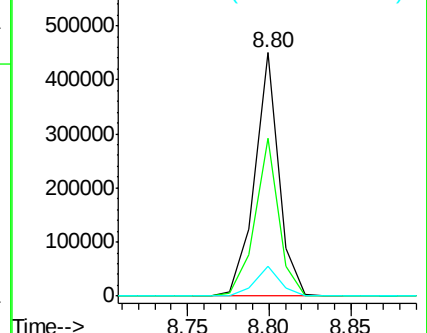
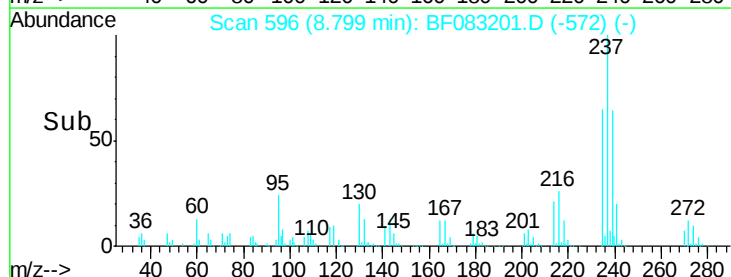
272 12.0 0.0 33.1

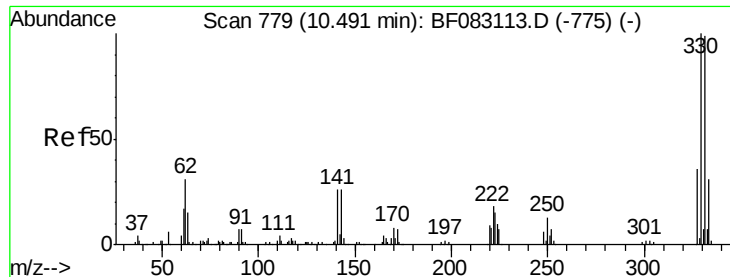


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

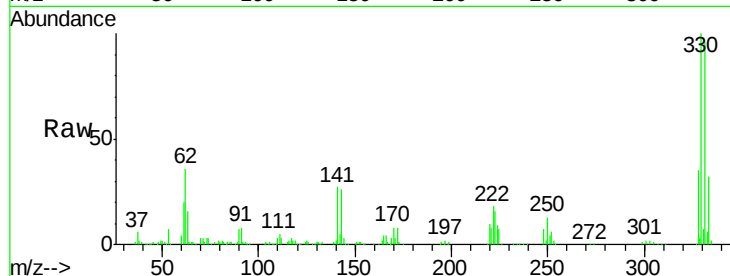




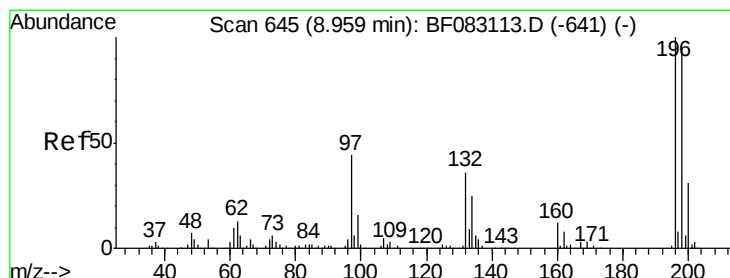
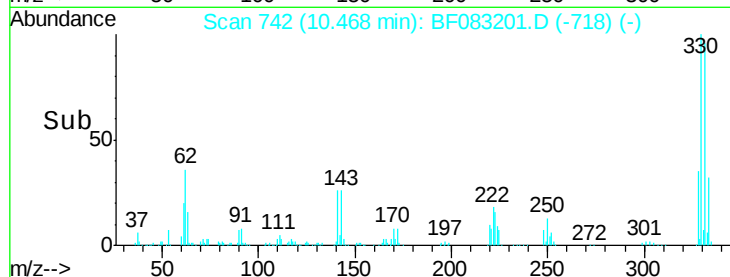
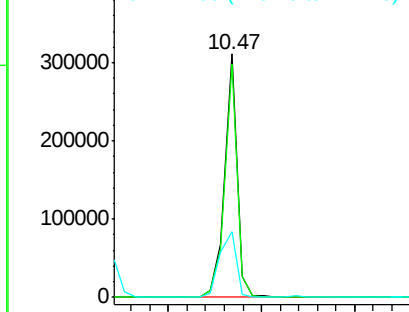
#41
 2,4,6-Tribromophenol
 Concen: 67.90 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.7	116.5
141	35.8	29.7	44.5

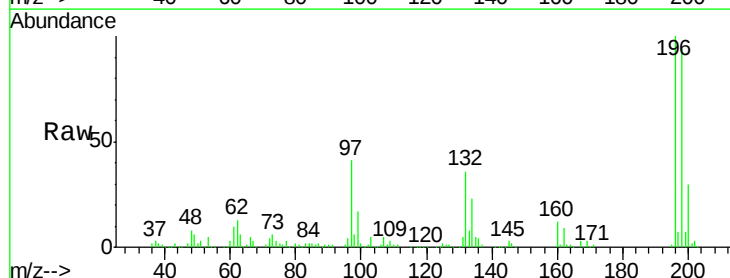


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

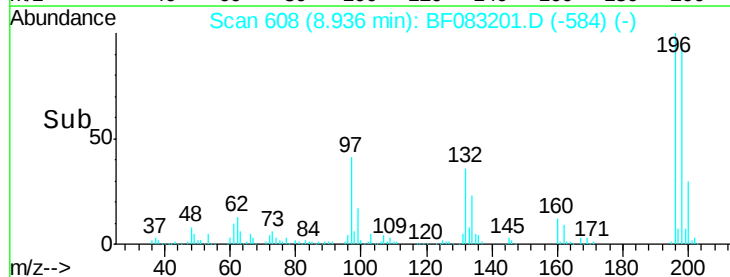
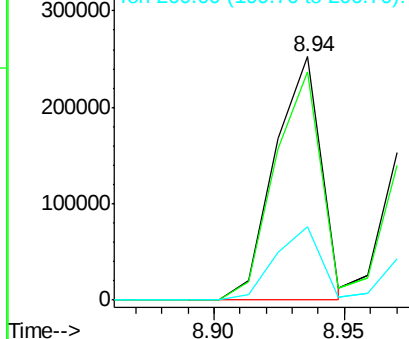


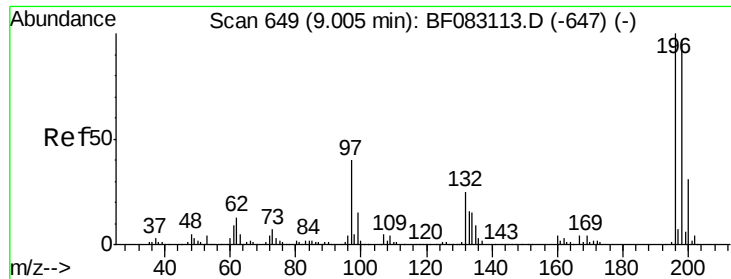
#42
 2,4,6-Trichlorophenol
 Concen: 32.14 ng
 RT: 8.94 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	75.9	113.9
200	30.0	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

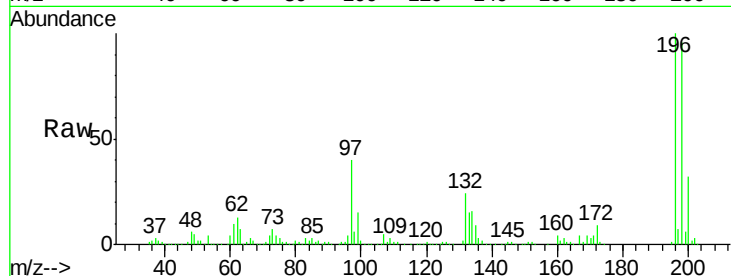




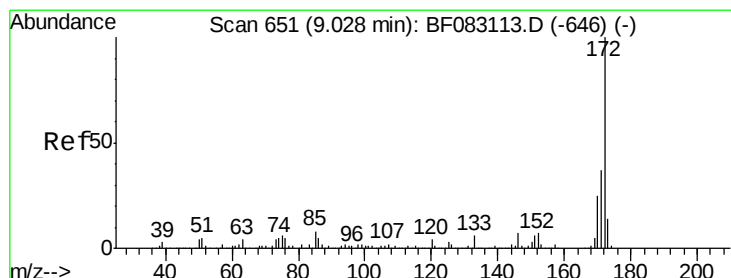
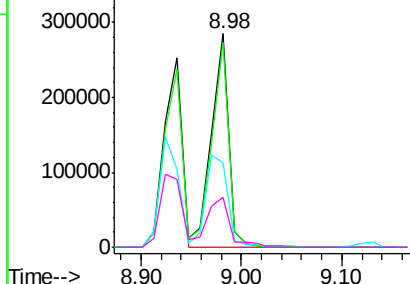
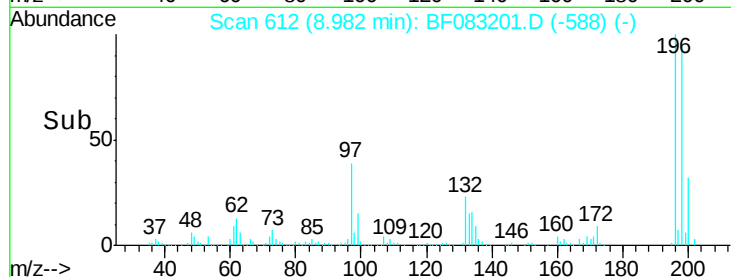
#43
 2,4,5-Trichlorophenol
 Concen: 34.47 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tgt Ion:196 Resp: 340438
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.6 116.4
 97 39.6 32.6 48.8
 132 23.6 19.8 29.8

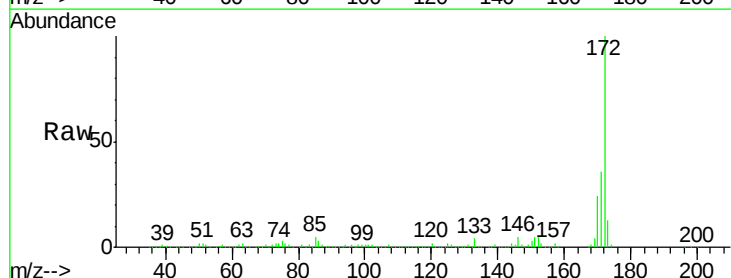


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

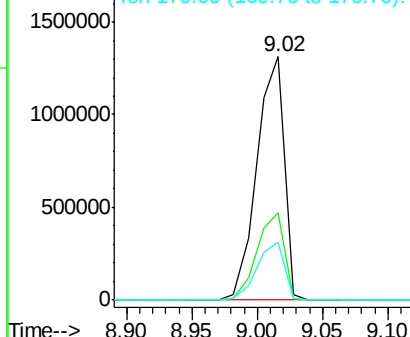
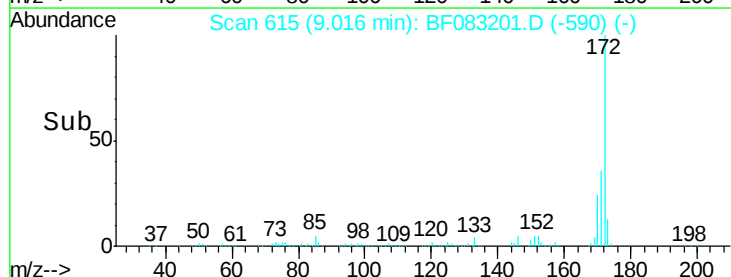


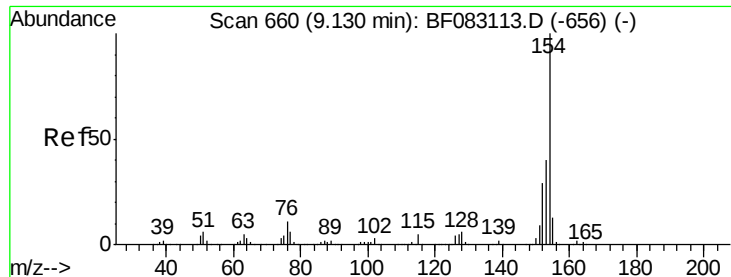
#44
 2-Fluorobiphenyl
 Concen: 64.47 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion:172 Resp: 1924076
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.5 44.3
 170 23.9 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

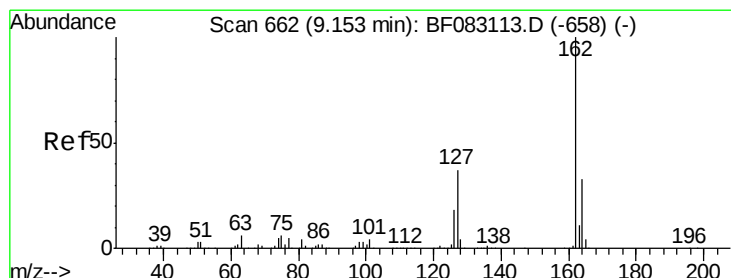
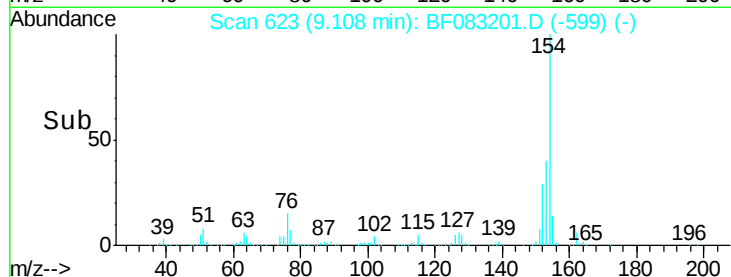
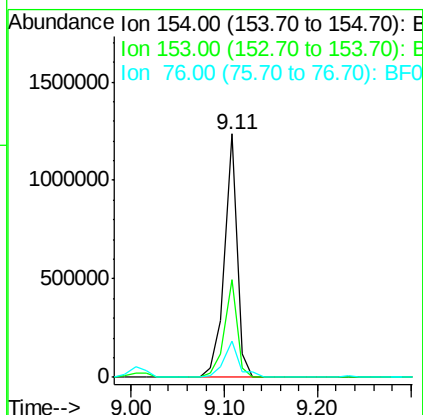
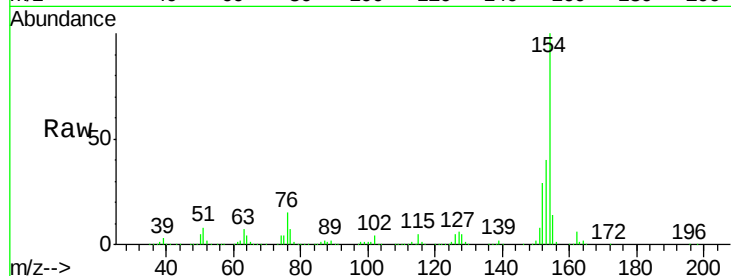




#45
 1,1'-Biphenyl
 Concen: 32.85 ng
 RT: 9.11 min Scan# 623
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

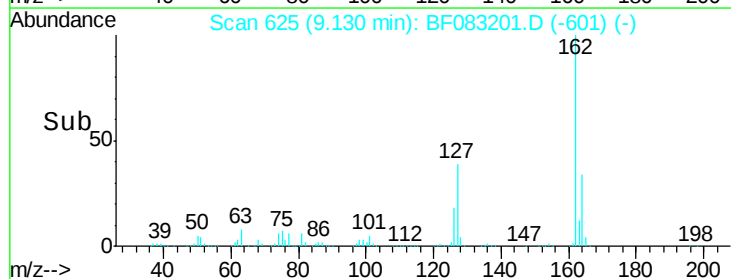
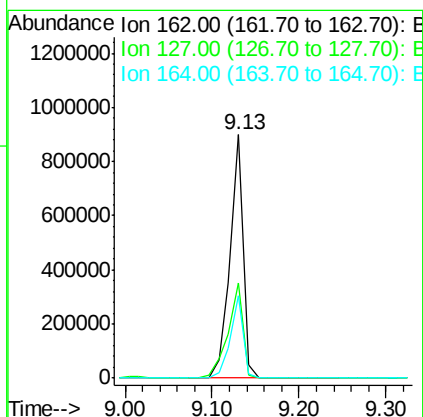
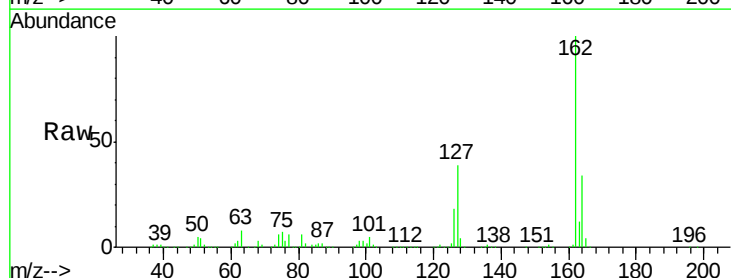
Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

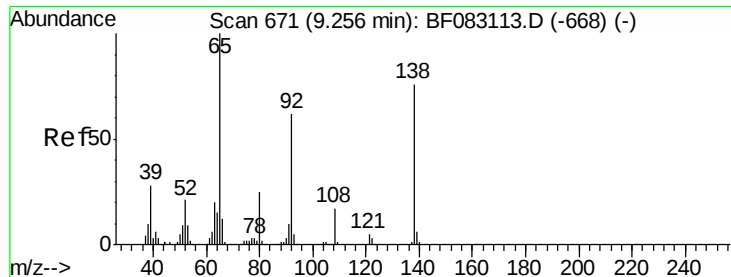
Tgt Ion:154 Resp: 1163514
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.5 60.5
 76 15.1 0.0 31.2



#46
 2-Chloronaphthalene
 Concen: 33.95 ng
 RT: 9.13 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion:162 Resp: 944392
 Ion Ratio Lower Upper
 162 100
 127 39.2 29.4 44.2
 164 34.1 26.2 39.4

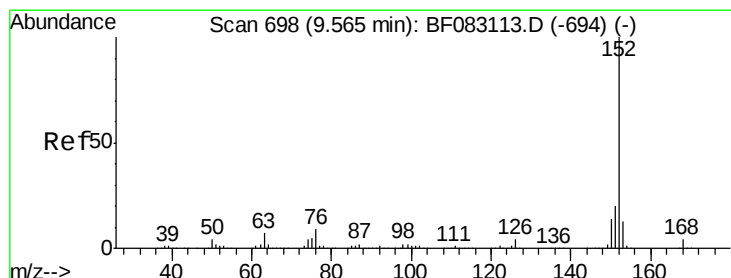
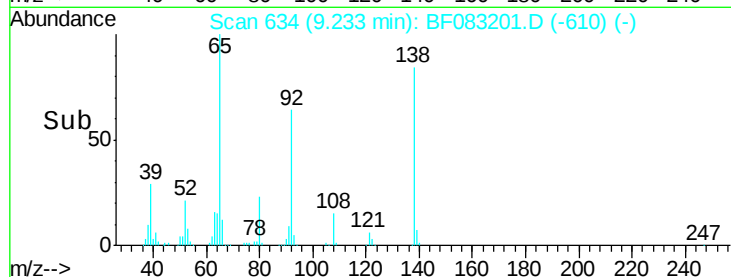
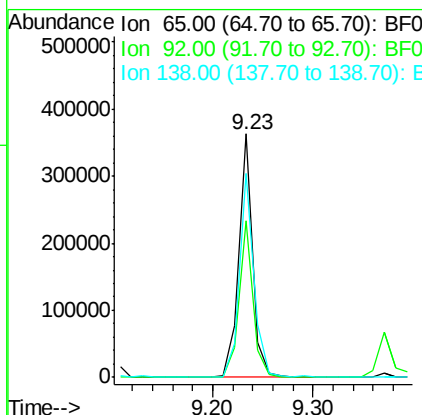
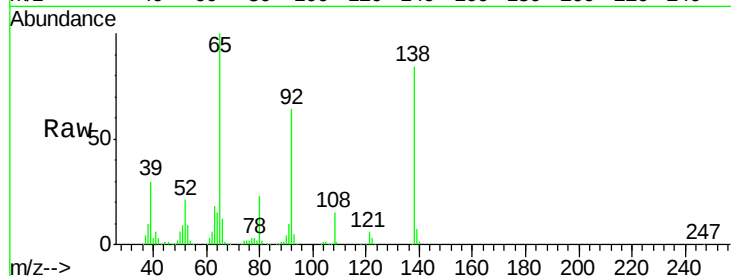




#47
2-Nitroaniline
Concen: 35.30 ng
RT: 9.23 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

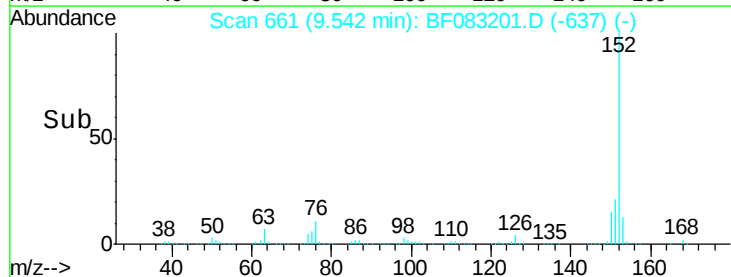
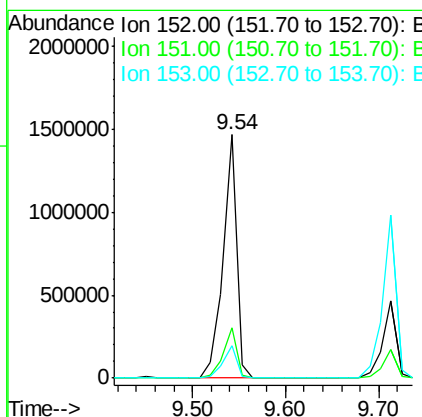
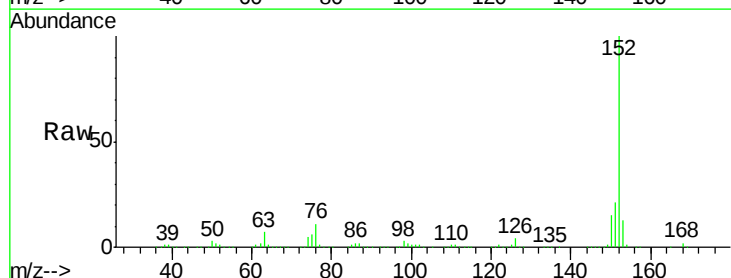
Instrument :
BNA_F
ClientSampleId :
PB86782BS

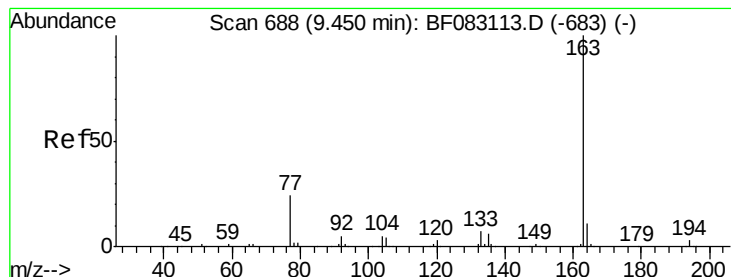
Tgt Ion: 65 Resp: 347432
Ion Ratio Lower Upper
65 100
92 64.2 49.5 74.3
138 83.7 60.7 91.1



#48
Acenaphthylene
Concen: 34.46 ng
RT: 9.54 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion: 152 Resp: 1485759
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 32.38 ng

RT: 9.42 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

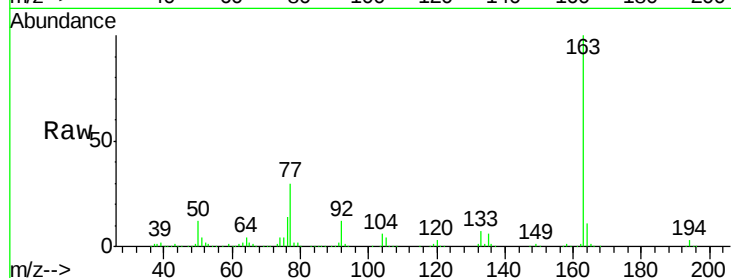
Tgt Ion:163 Resp: 1037292

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

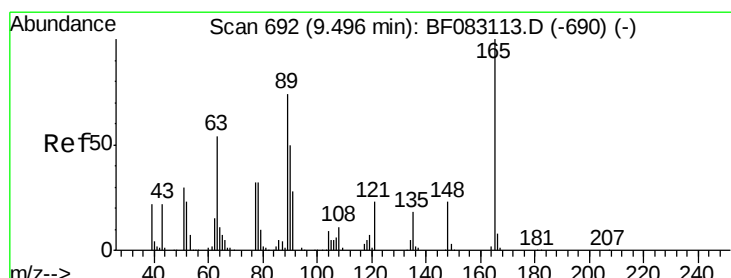
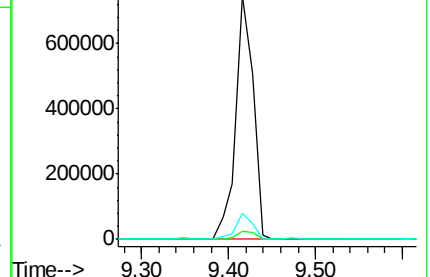
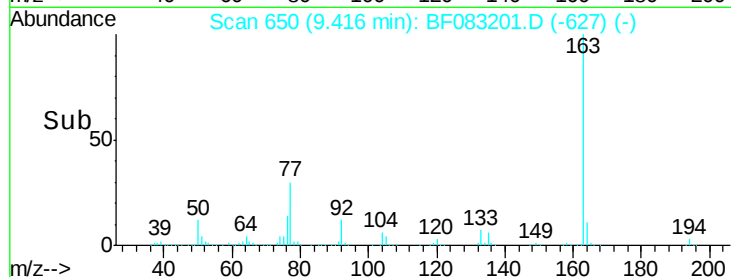
164 10.8 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 31.54 ng

RT: 9.47 min Scan# 655

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

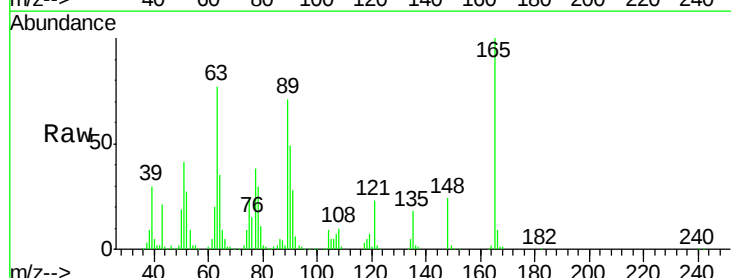
Tgt Ion:165 Resp: 226743

Ion Ratio Lower Upper

165 100

63 76.7 62.5 93.7

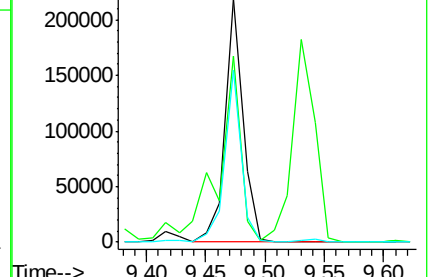
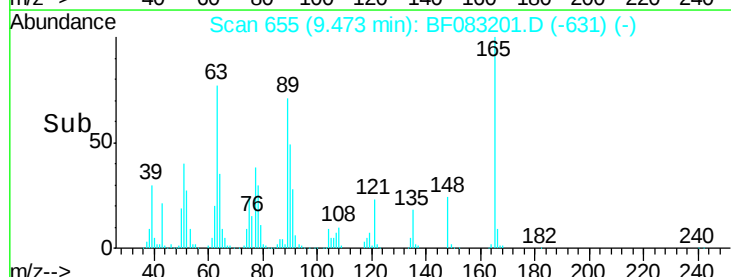
89 70.5 59.1 88.7

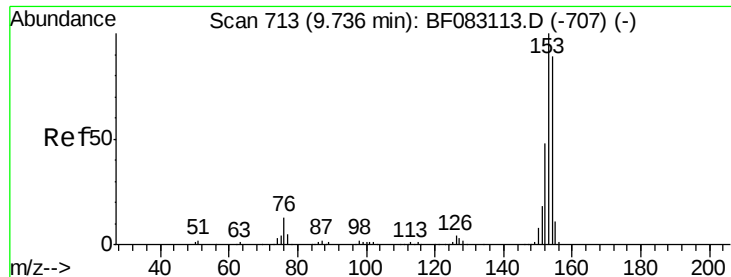


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.00 ng

RT: 9.71 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

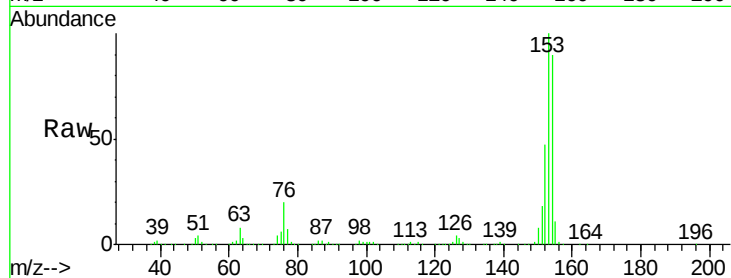
Tgt Ion:154 Resp: 891986

Ion Ratio Lower Upper

154 100

153 111.5 89.6 134.4

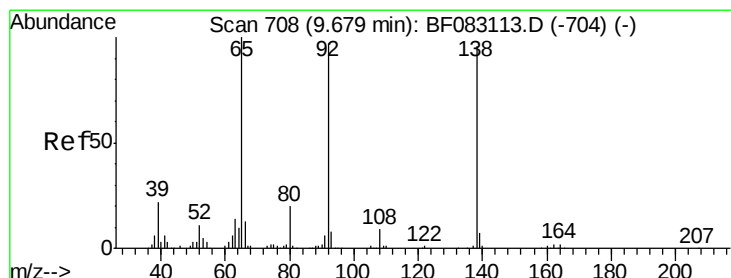
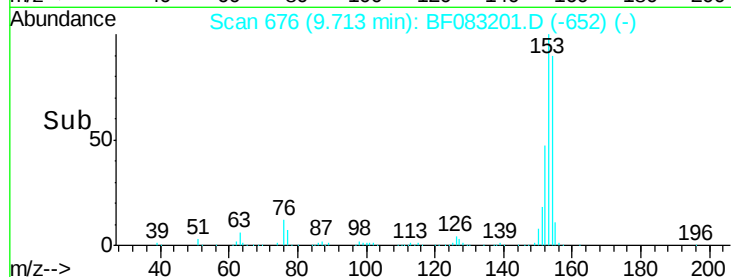
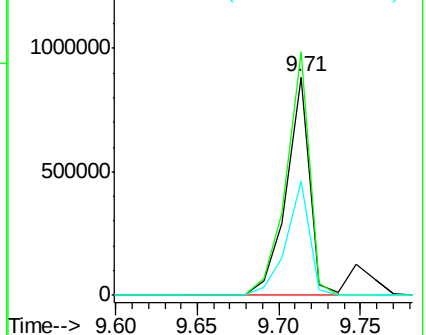
152 52.6 43.3 64.9



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: 21.37 ng

RT: 9.64 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

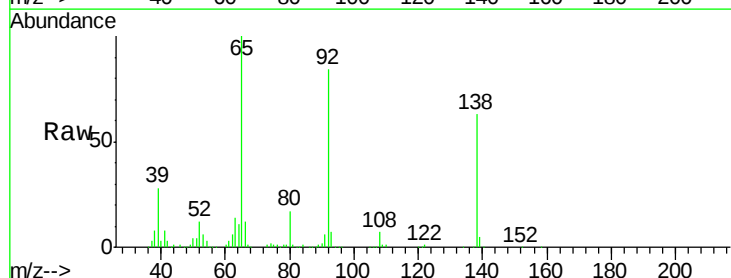
Tgt Ion:138 Resp: 163771

Ion Ratio Lower Upper

138 100

108 10.4 7.8 11.6

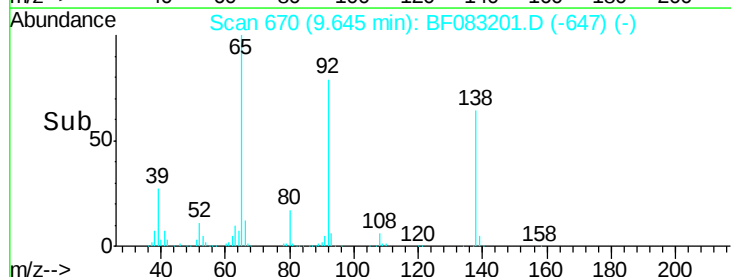
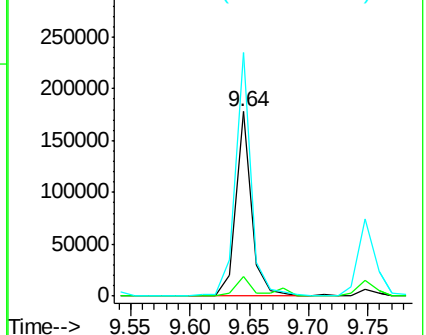
92 132.1 81.1 121.7#

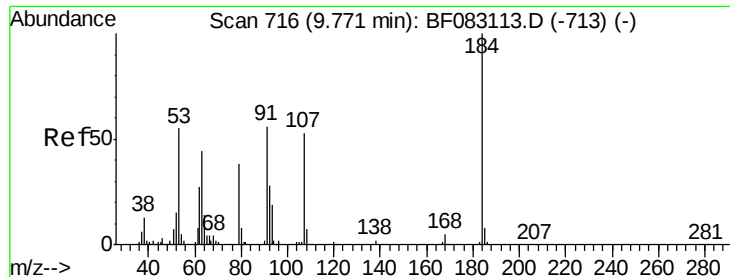


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

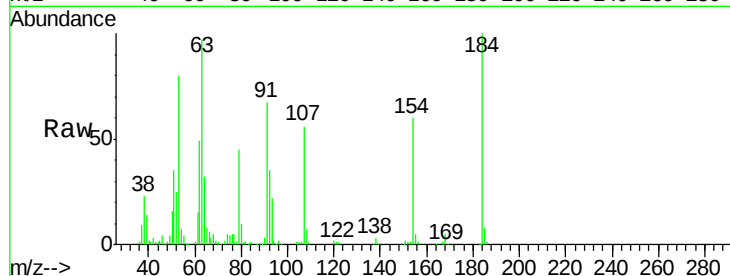




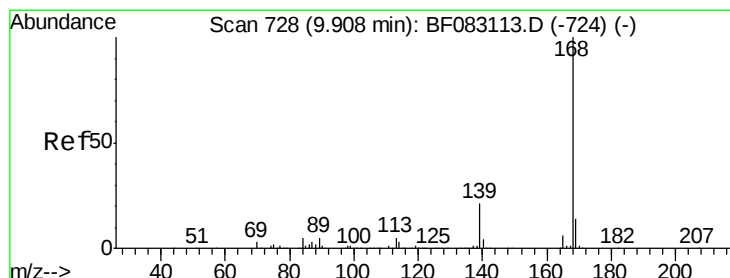
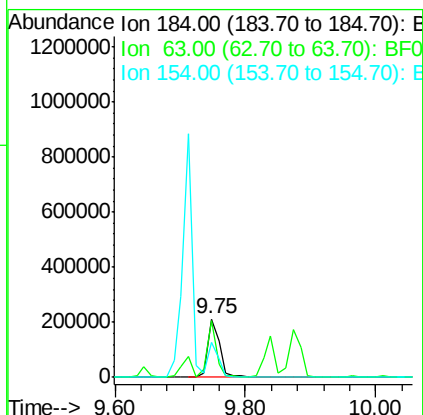
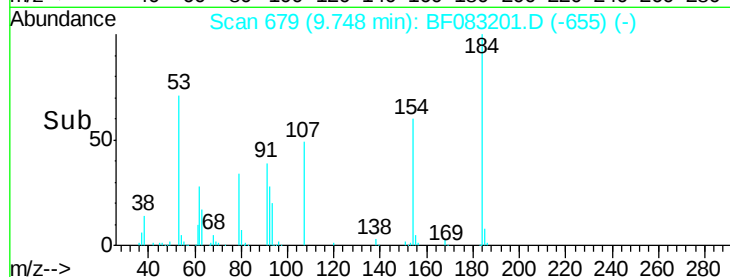
#53
2,4-Dinitrophenol
Concen: 66.46 ng
RT: 9.75 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tgt Ion:184 Resp: 275264
Ion Ratio Lower Upper
184 100
63 96.5 60.5 90.7#
154 60.3 54.3 81.5

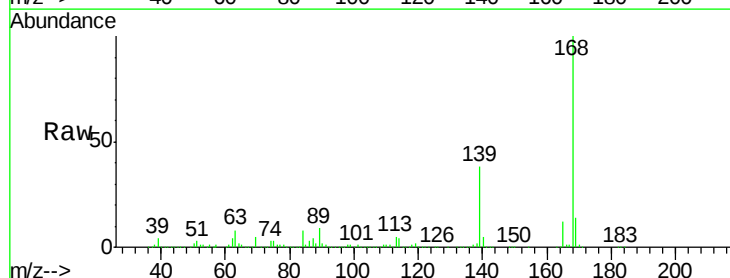


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

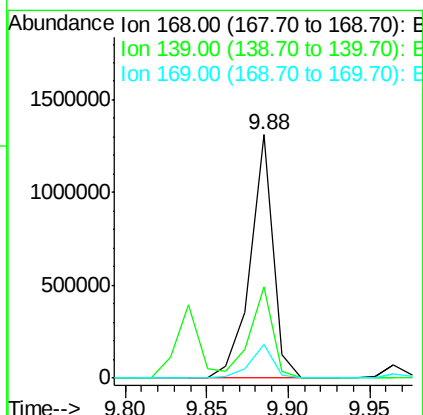
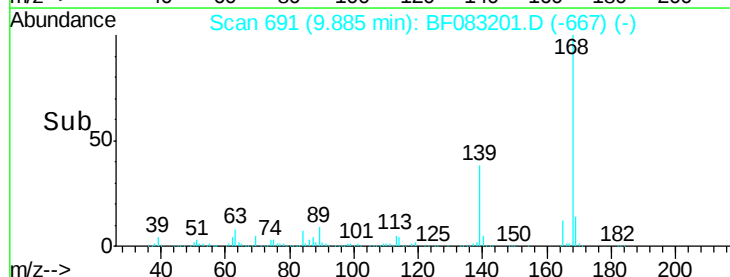


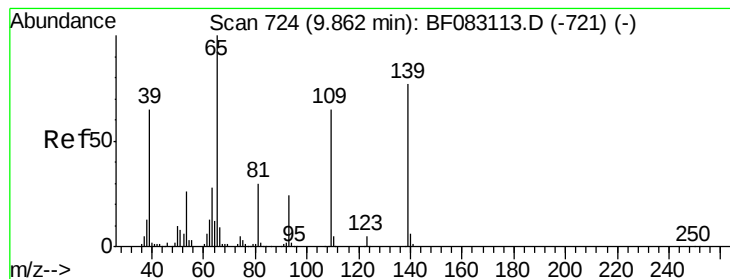
#54
Dibenzofuran
Concen: 34.44 ng
RT: 9.88 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion:168 Resp: 1277632
Ion Ratio Lower Upper
168 100
139 37.7 30.2 45.2
169 13.8 10.9 16.3



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





#55

4-Nitrophenol

Concen: 69.58 ng

RT: 9.84 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

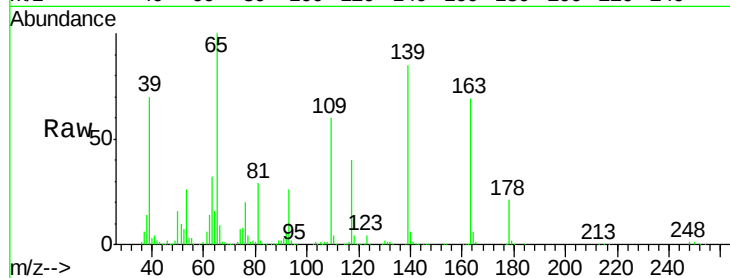
Tgt Ion:139 Resp: 408934

Ion Ratio Lower Upper

139 100

109 71.0 64.0 104.0

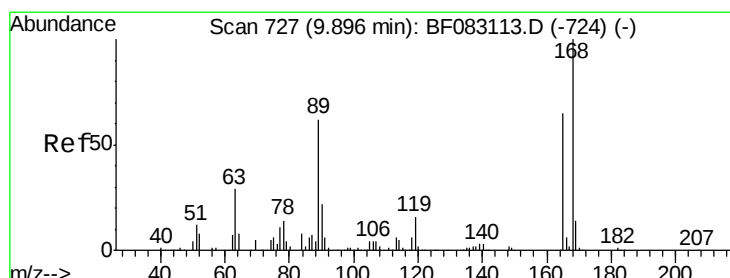
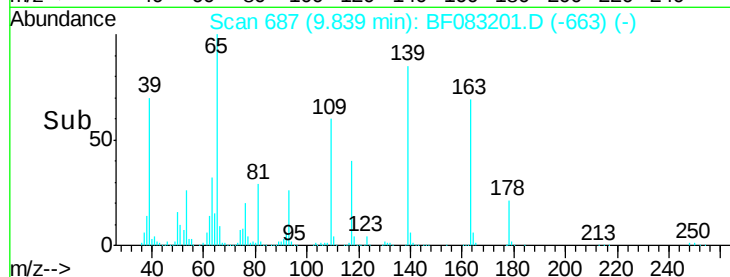
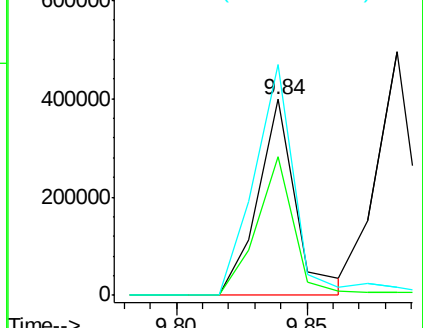
65 117.7 109.5 149.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 33.27 ng

RT: 9.87 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tgt Ion:165 Resp: 303024

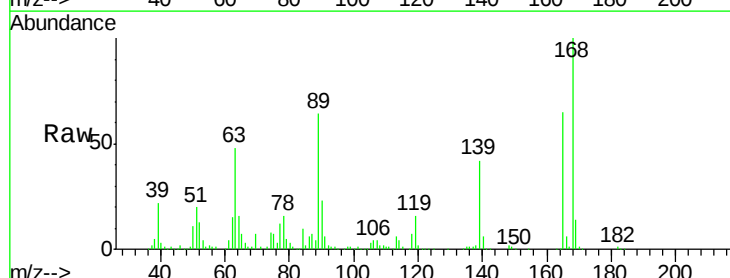
Ion Ratio Lower Upper

165 100

63 74.3 54.5 81.7

89 99.0 77.3 115.9

182 2.2 1.8 2.6

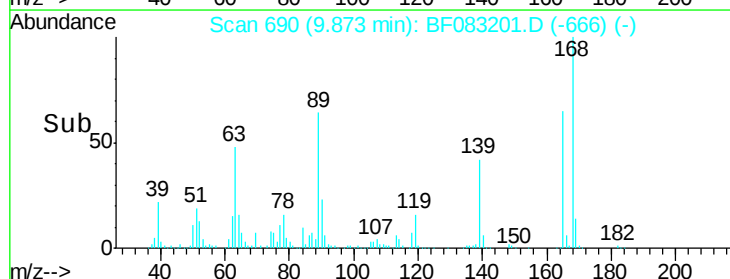
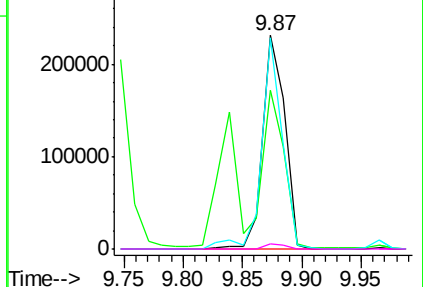


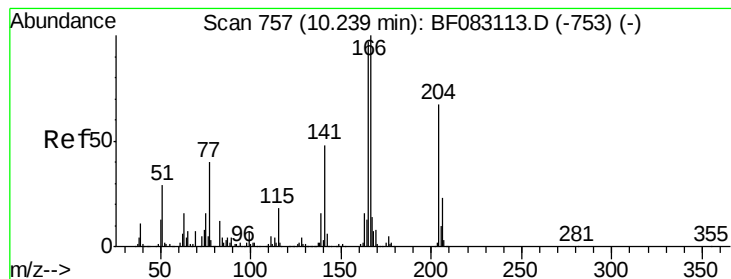
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.39 ng

RT: 10.23 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

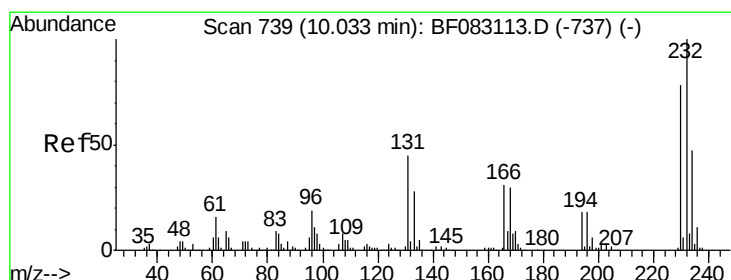
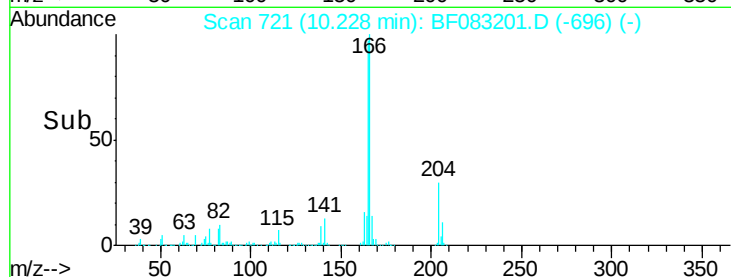
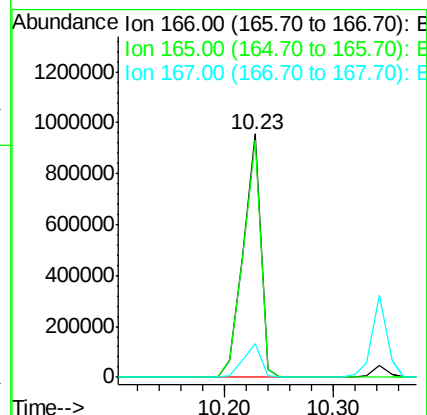
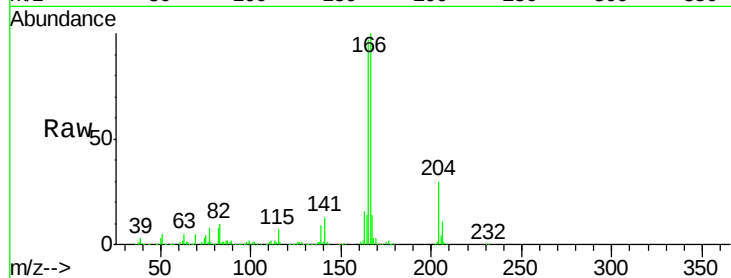
Tgt Ion:166 Resp: 1054498

Ion Ratio Lower Upper

166 100

165 97.3 78.0 117.0

167 13.6 11.3 16.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.58 ng

RT: 10.01 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tgt Ion:232 Resp: 272104

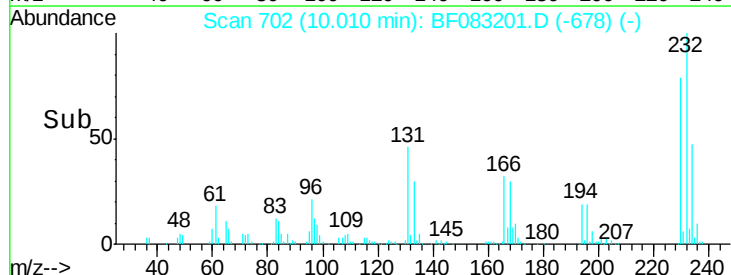
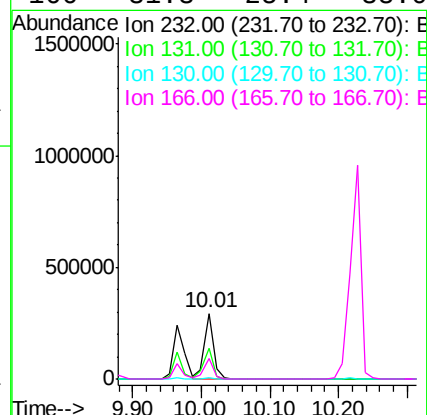
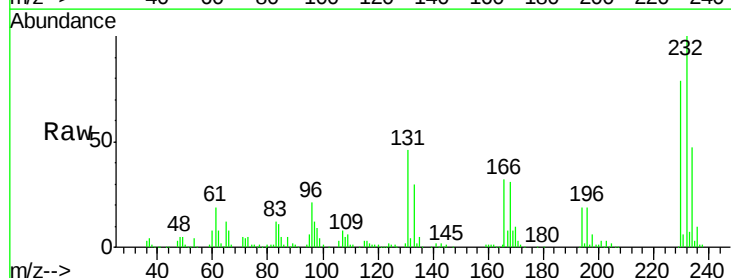
Ion Ratio Lower Upper

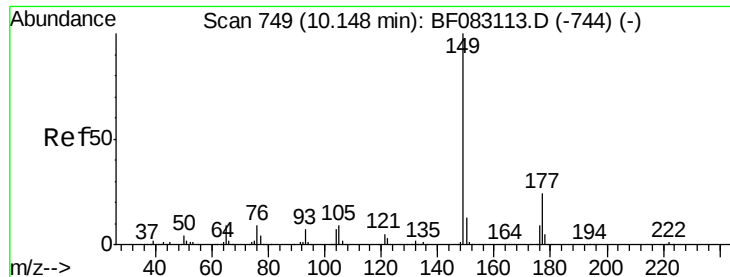
232 100

131 47.4 38.6 57.8

130 2.1 1.9 2.9

166 31.3 25.4 38.0

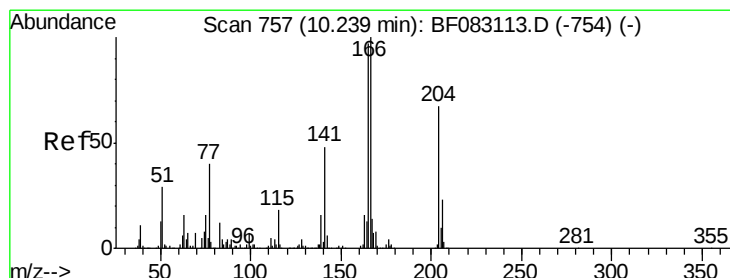
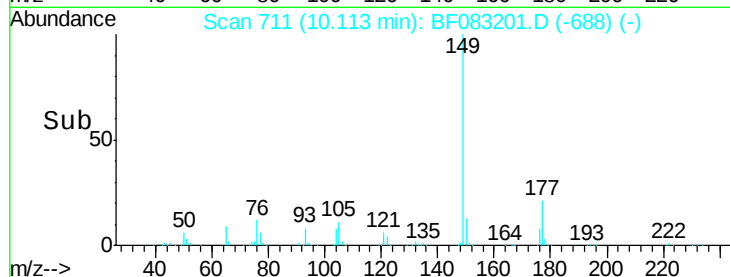
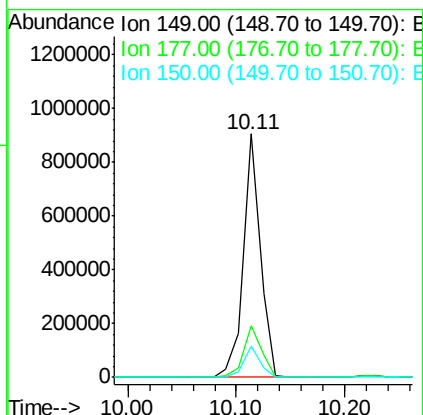
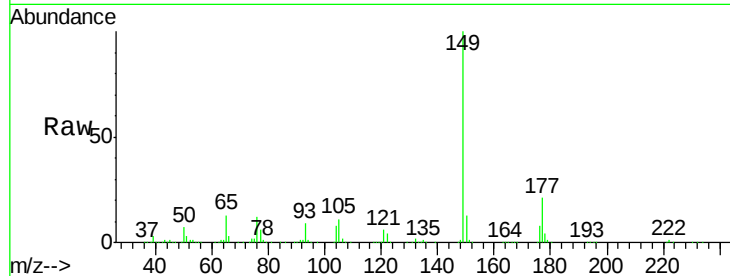




#59
Diethylphthalate
Concen: 30.59 ng
RT: 10.11 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

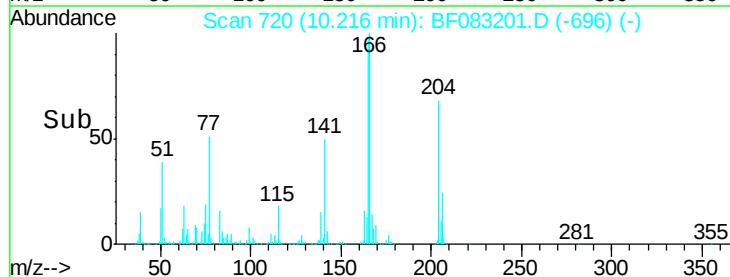
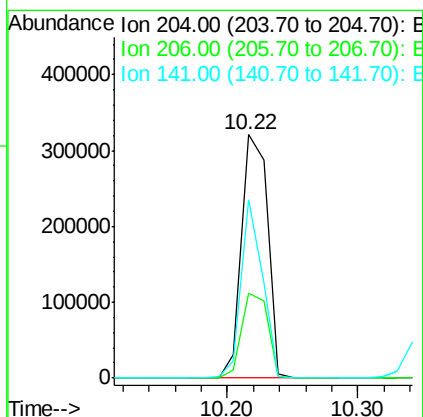
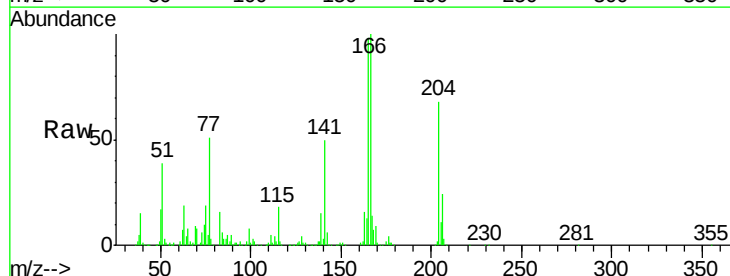
Instrument :
BNA_F
ClientSampleId :
PB86782BS

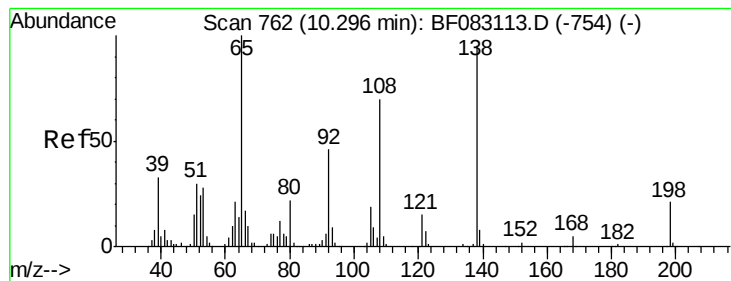
Tgt Ion:149 Resp: 975503
Ion Ratio Lower Upper
149 100
177 21.5 19.4 29.2
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 31.67 ng
RT: 10.22 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion:204 Resp: 444691
Ion Ratio Lower Upper
204 100
206 34.6 27.4 41.0
141 73.5 57.4 86.2





#61

4-Nitroaniline

Concen: 33.84 ng

RT: 10.26 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

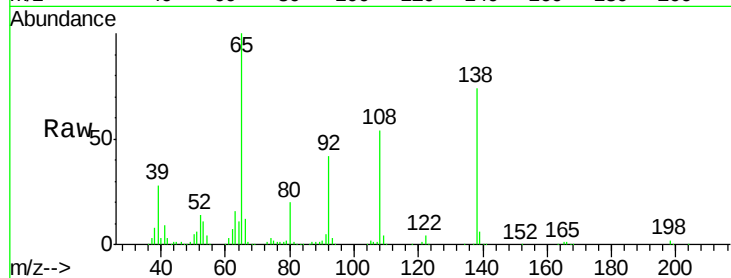
Tgt Ion:138 Resp: 255325

Ion Ratio Lower Upper

138 100

92 56.7 28.4 68.4

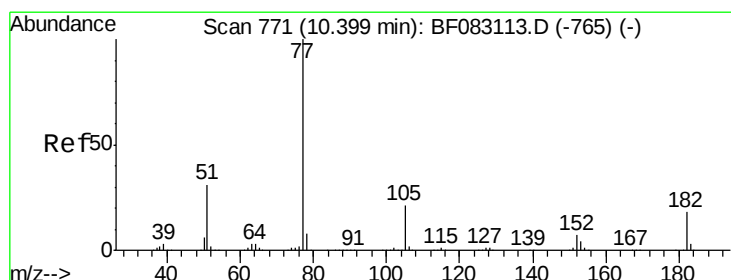
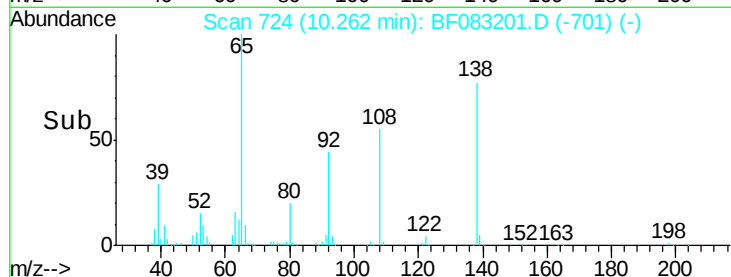
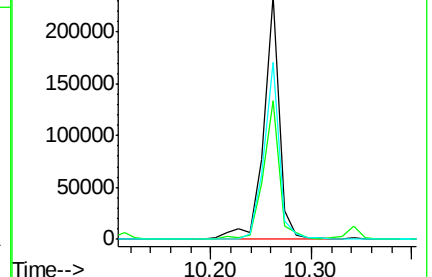
108 72.9 53.5 93.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.06 ng

RT: 10.38 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tgt Ion: 77 Resp: 1239860

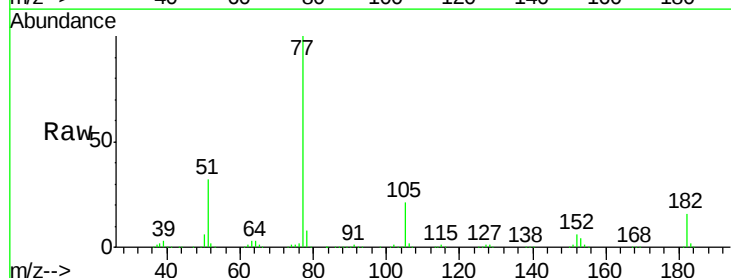
Ion Ratio Lower Upper

77 100

182 16.2 0.0 38.3

105 20.9 1.2 41.2

51 32.0 11.1 51.1

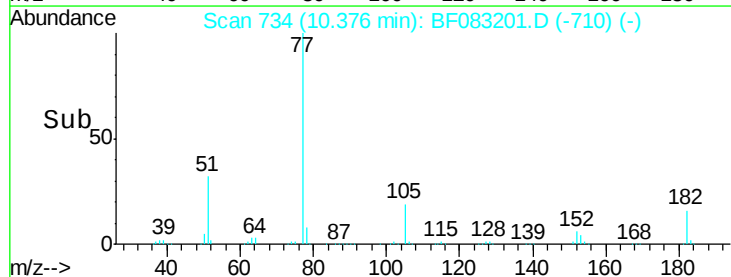
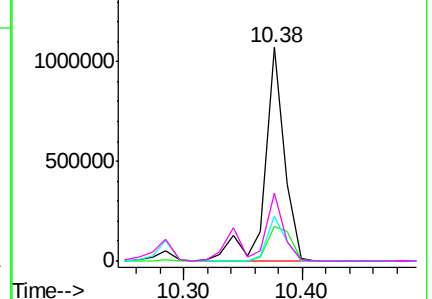


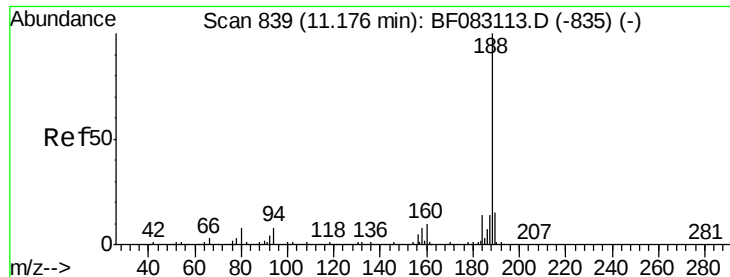
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

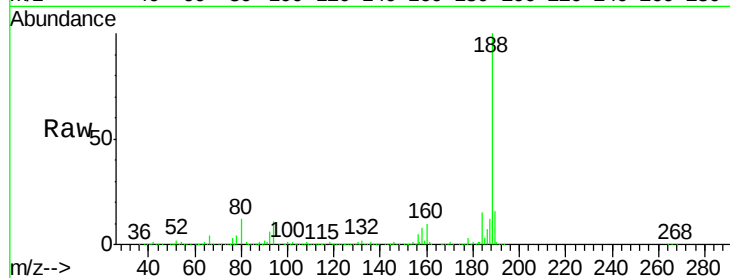




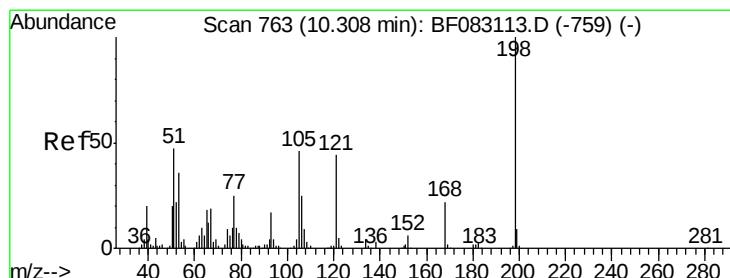
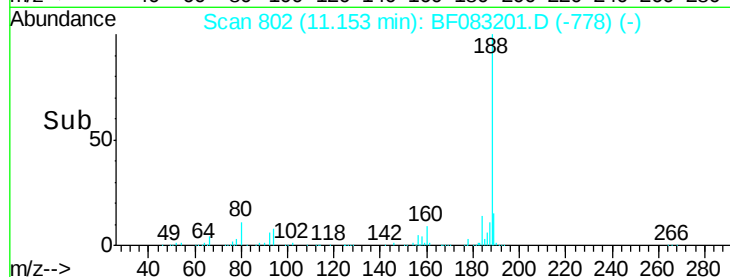
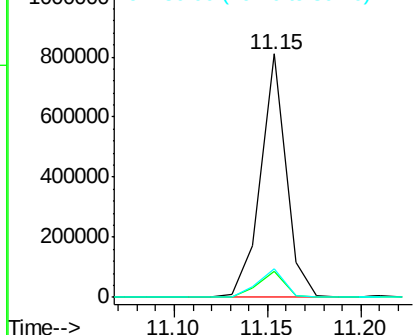
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tgt Ion:188 Resp: 762716
Ion Ratio Lower Upper
188 100
94 10.6 6.0 9.0#
80 11.8 6.7 10.1#

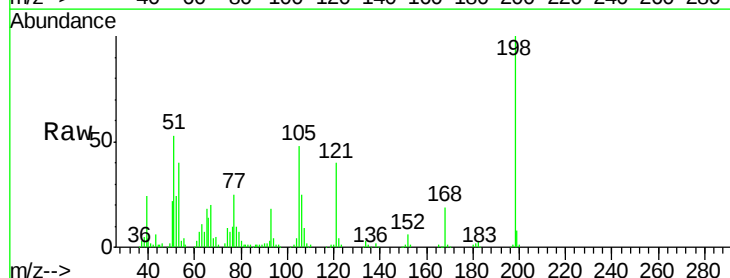


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

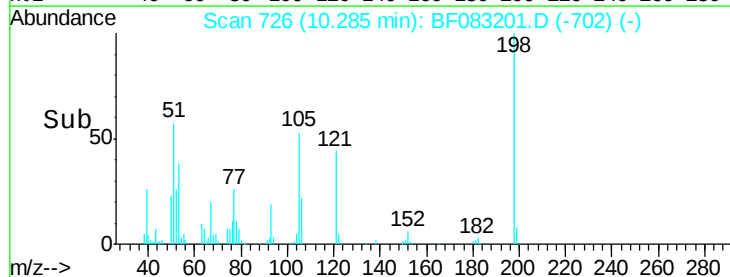
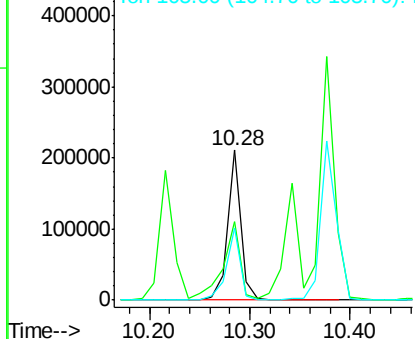


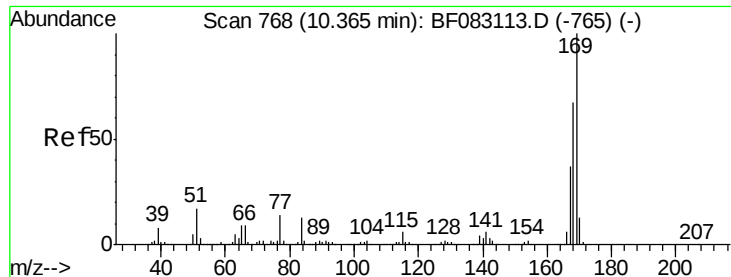
#64
4,6-Dinitro-2-methylphenol
Concen: 36.85 ng
RT: 10.28 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion:198 Resp: 193676
Ion Ratio Lower Upper
198 100
51 52.6 27.0 67.0
105 48.3 26.1 66.1



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

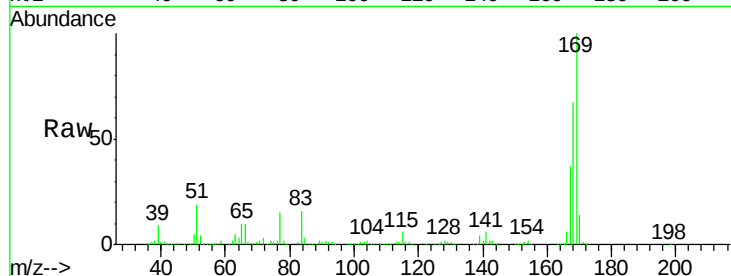




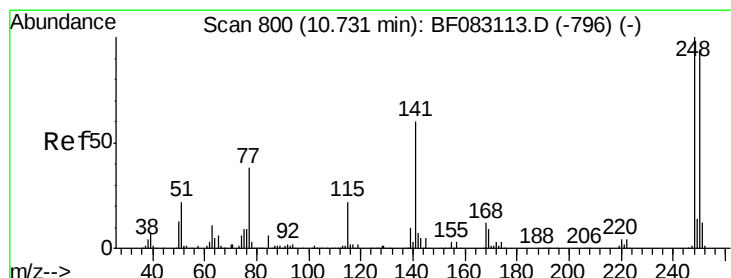
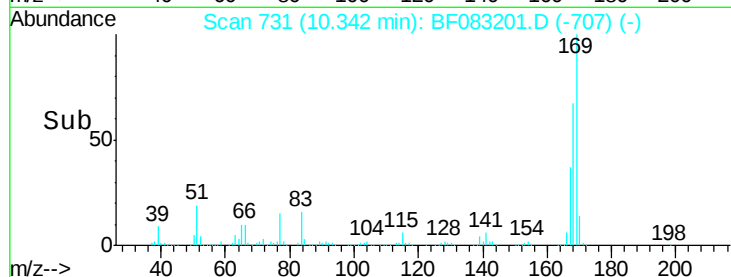
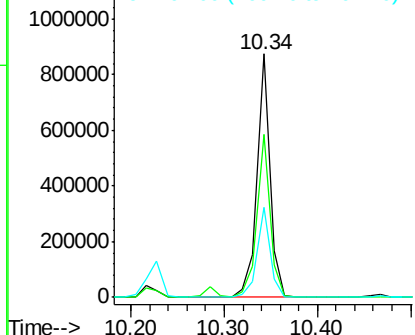
#65
 n-Nitrosodiphenylamine
 Concen: 32.83 ng
 RT: 10.34 min Scan# 731
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleID :
 PB86782BS

Tgt Ion:169 Resp: 851524
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.8 80.6
 167 37.2 29.8 44.8

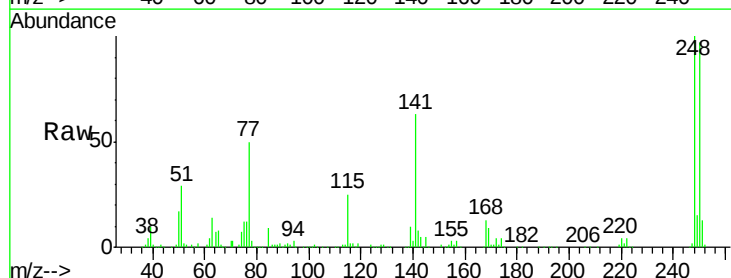


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

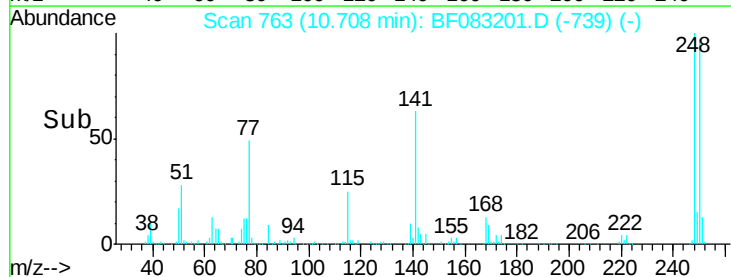
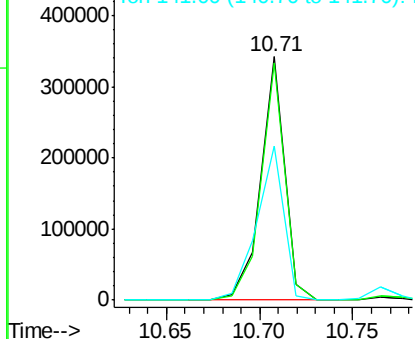


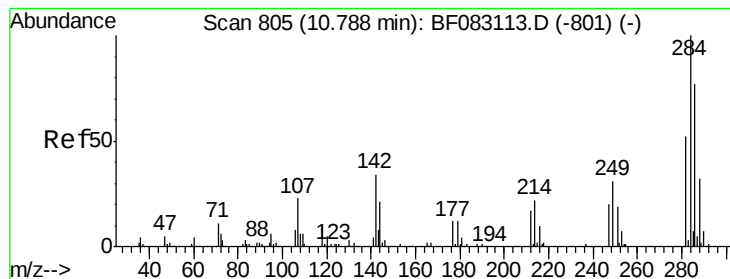
#66
 4-Bromophenyl-phenylether
 Concen: 35.66 ng
 RT: 10.71 min Scan# 763
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion:248 Resp: 301808
 Ion Ratio Lower Upper
 248 100
 250 97.3 75.4 113.2
 141 63.3 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: 33.14 ng

RT: 10.76 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

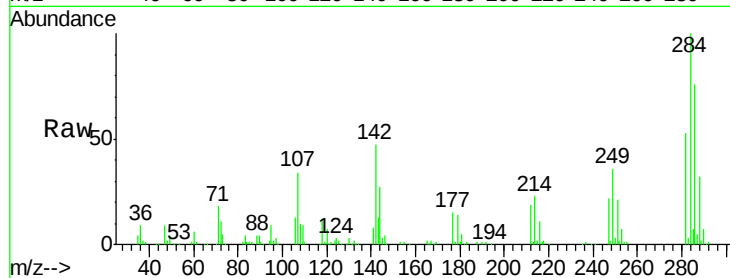
Tgt Ion:284 Resp: 308906

Ion Ratio Lower Upper

284 100

142 47.4 27.6 41.4#

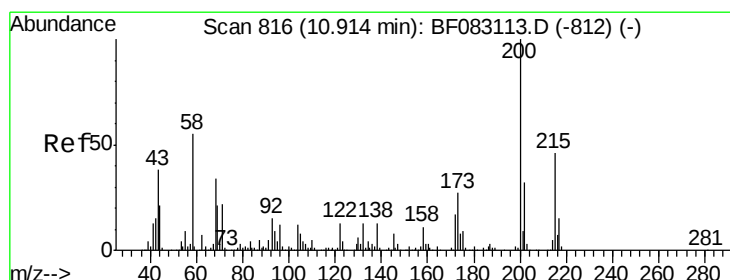
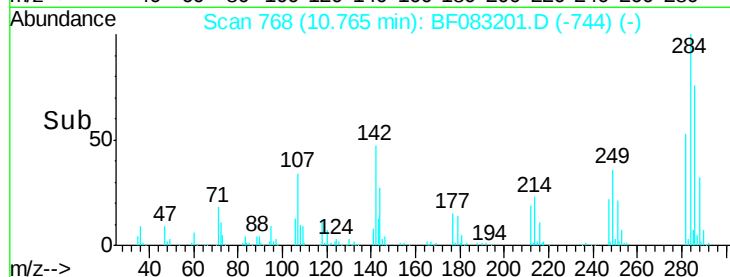
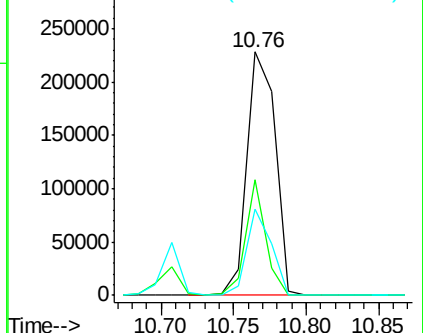
249 35.5 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.47 ng

RT: 10.88 min Scan# 778

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

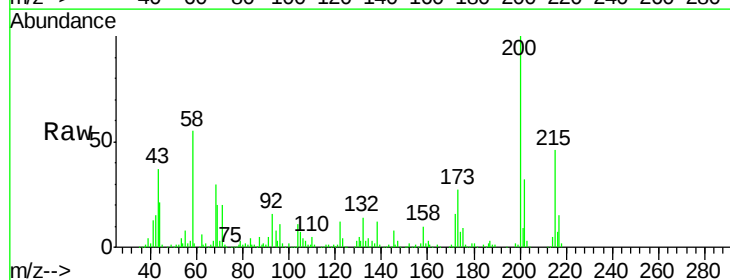
Tgt Ion:200 Resp: 289785

Ion Ratio Lower Upper

200 100

173 27.3 7.2 47.2

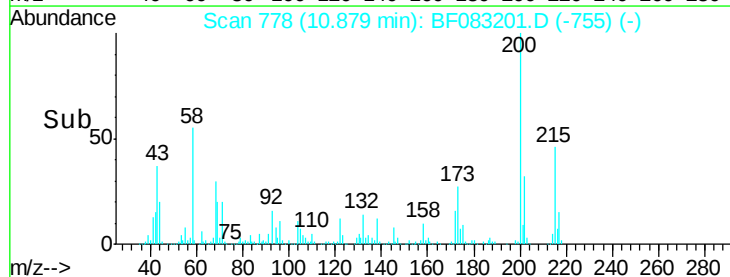
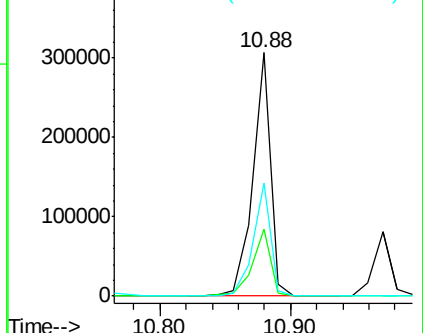
215 46.5 25.7 65.7

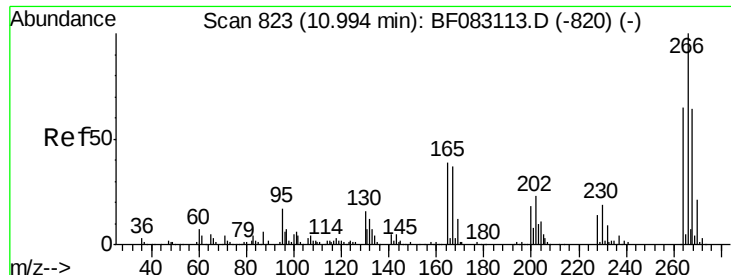


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

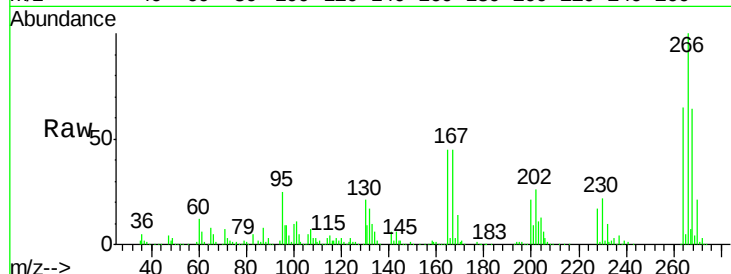




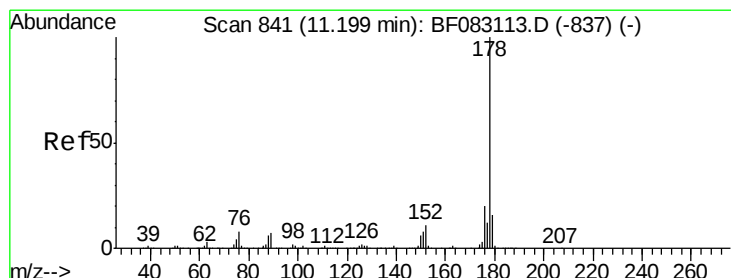
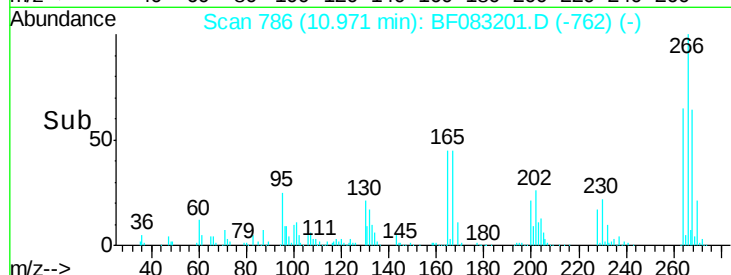
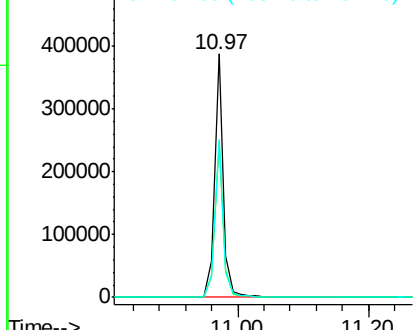
#69
 Pentachlorophenol
 Concen: 61.12 ng
 RT: 10.97 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tgt Ion:266 Resp: 371050
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.4 77.0
 264 64.8 51.7 77.5

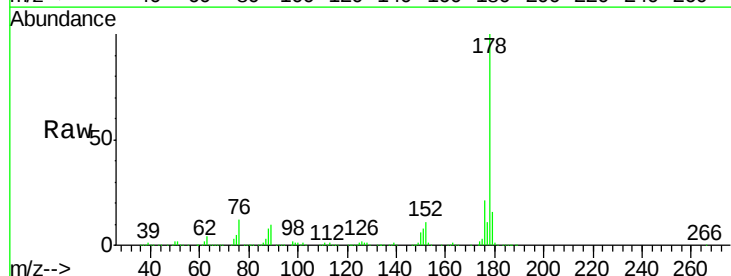


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

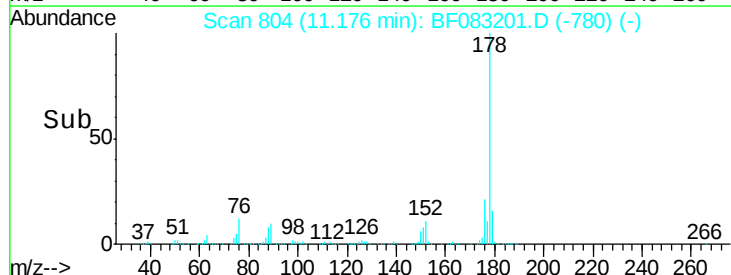
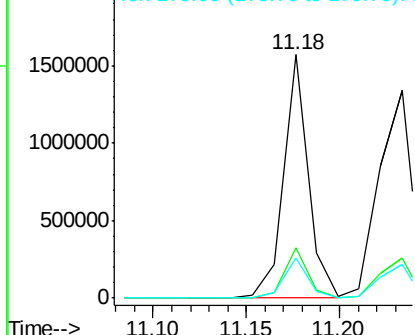


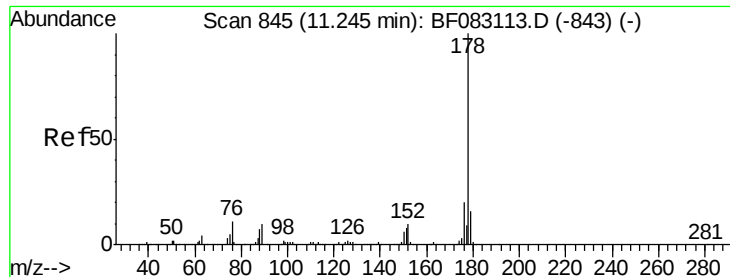
#70
 Phenanthrene
 Concen: 33.03 ng
 RT: 11.18 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion:178 Resp: 1451623
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.2 24.2
 179 16.4 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

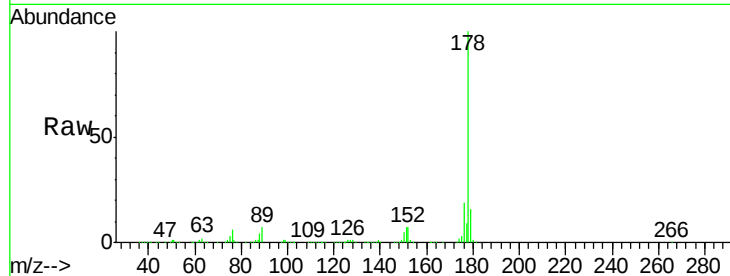




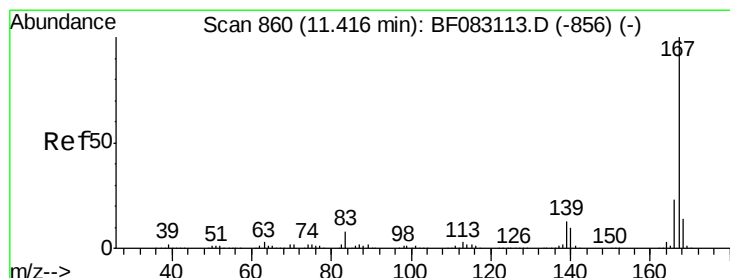
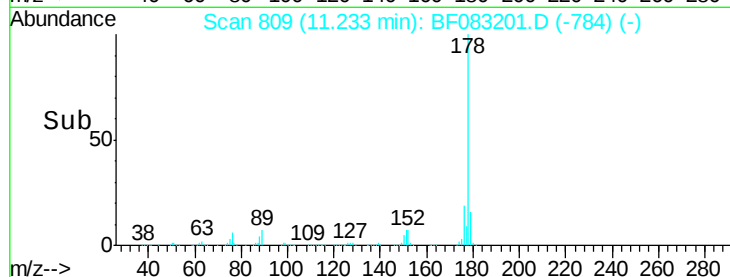
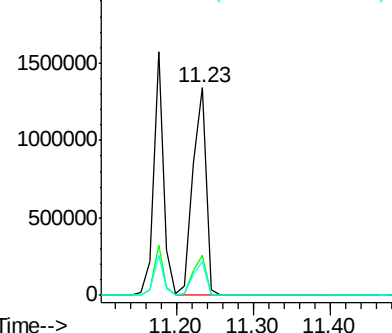
#71
 Anthracene
 Concen: 35.25 ng
 RT: 11.23 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tgt Ion:178 Resp: 1580336
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 16.4 13.2 19.8

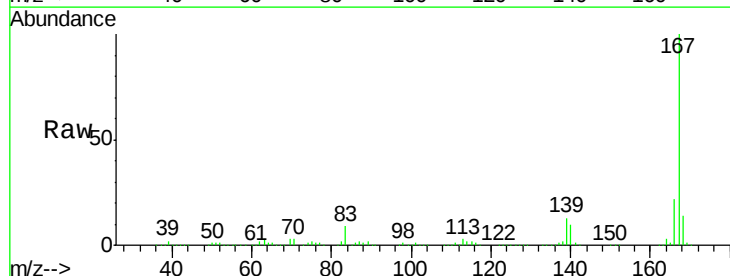


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

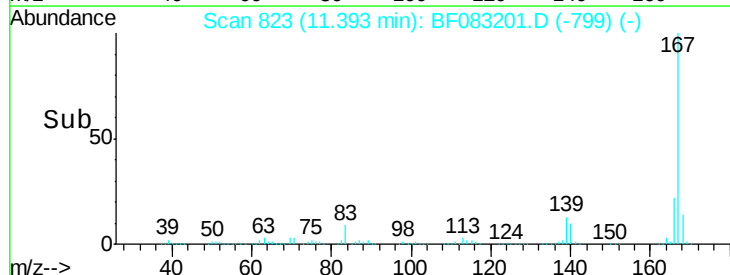
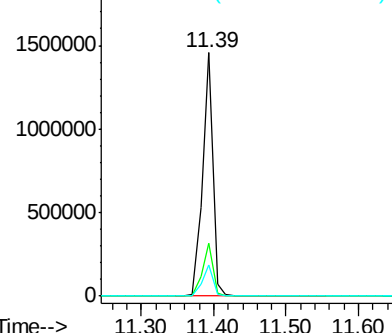


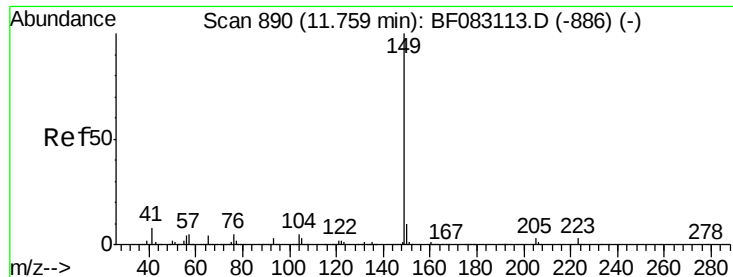
#72
 Carbazole
 Concen: 36.11 ng
 RT: 11.39 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion:167 Resp: 1439091
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.0 27.0
 139 12.6 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: 32.31 ng

RT: 11.74 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

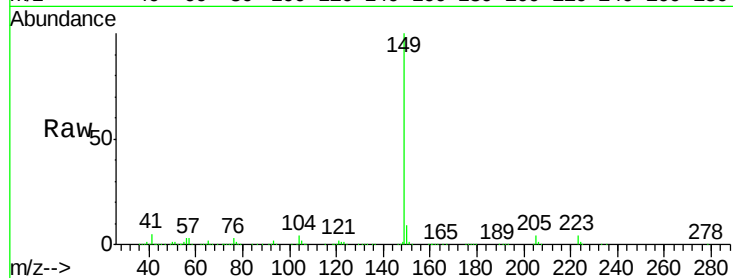
Tgt Ion:149 Resp: 1571466

Ion Ratio Lower Upper

149 100

150 9.1 8.0 12.0

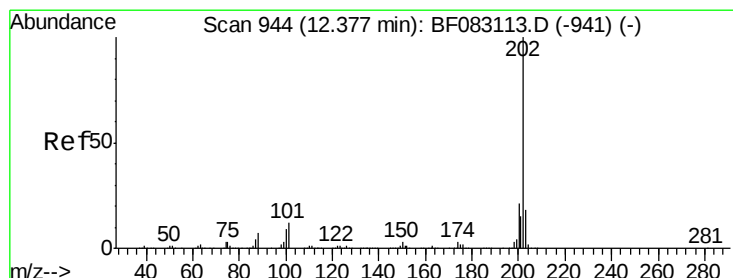
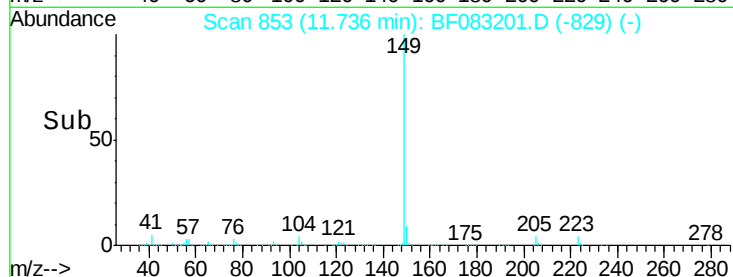
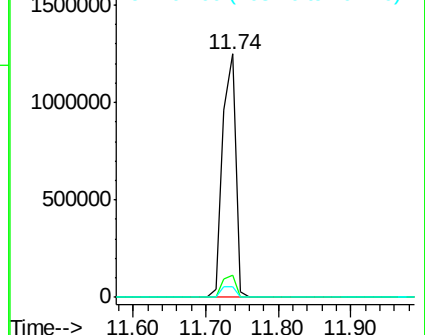
104 4.1 4.4 6.6#



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: 33.45 ng

RT: 12.35 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

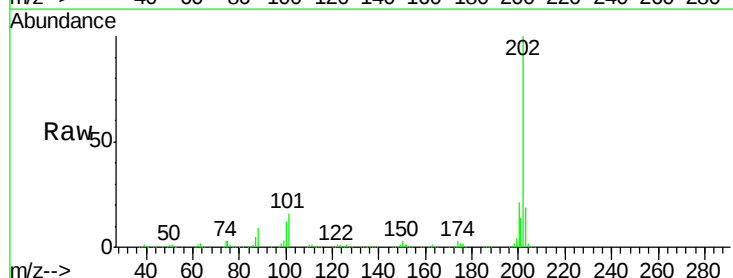
Tgt Ion:202 Resp: 1504435

Ion Ratio Lower Upper

202 100

101 15.7 0.0 32.3

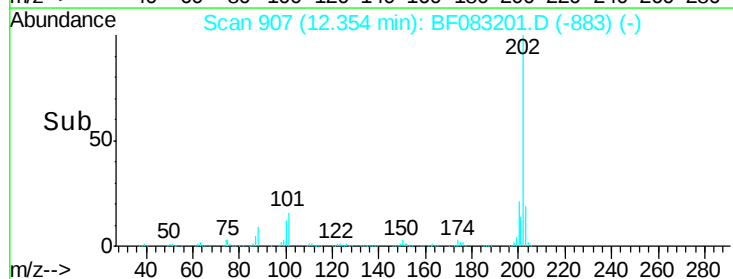
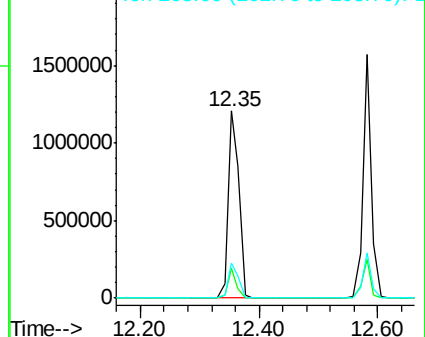
203 18.9 0.0 38.4

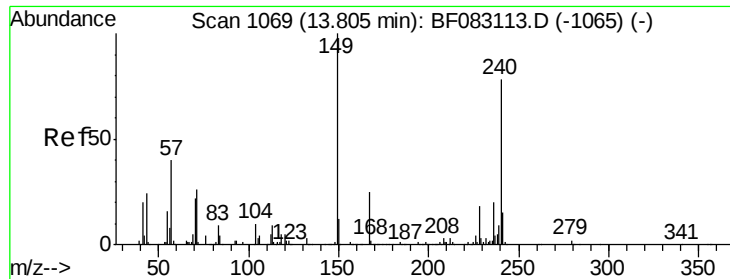


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

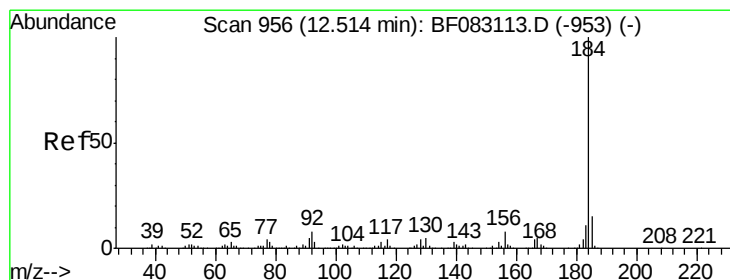
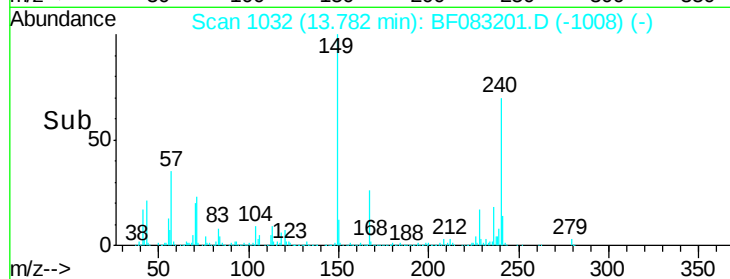
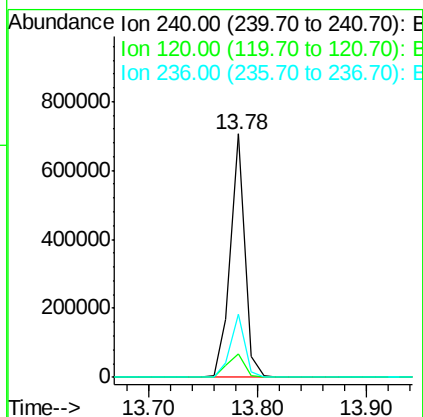
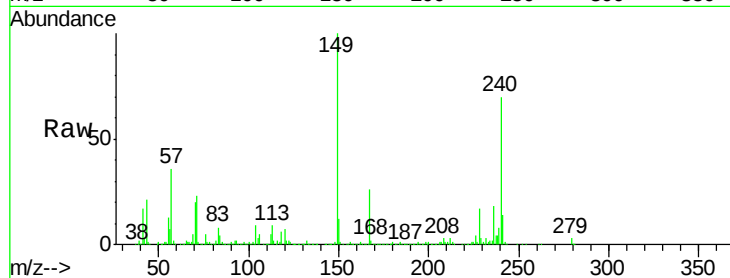




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

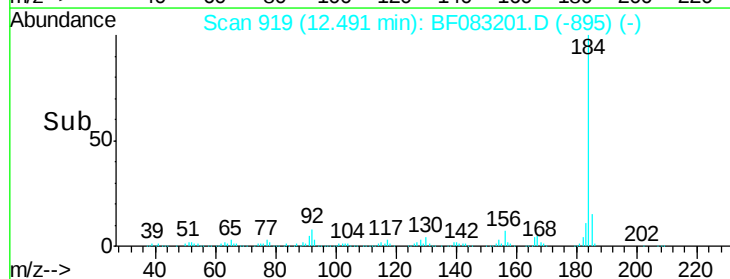
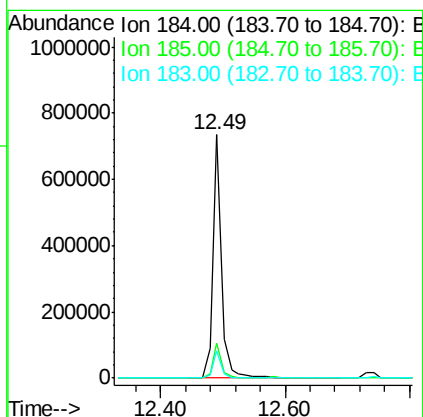
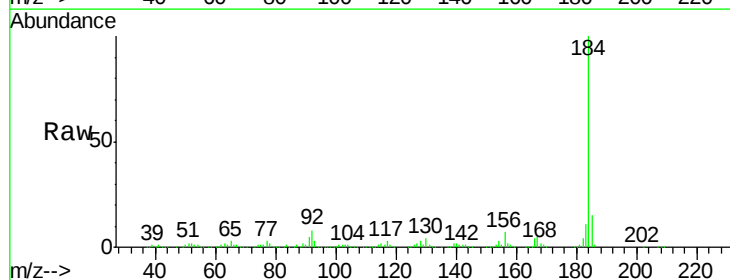
Instrument :
BNA_F
ClientSampleId :
PB86782BS

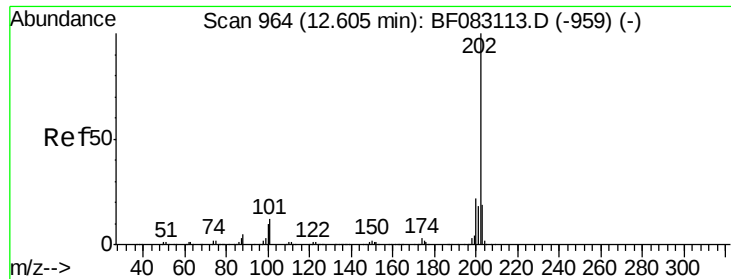
Tgt Ion:240 Resp: 650954
Ion Ratio Lower Upper
240 100
120 9.6 5.4 8.2#
236 25.9 20.6 31.0



#76
Benzidine
Concen: 40.94 ng
RT: 12.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion:184 Resp: 698518
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.3 8.8 13.2

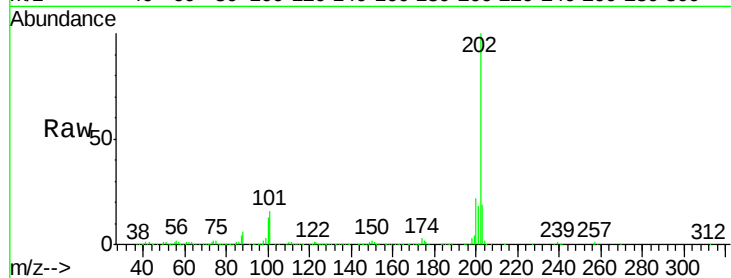




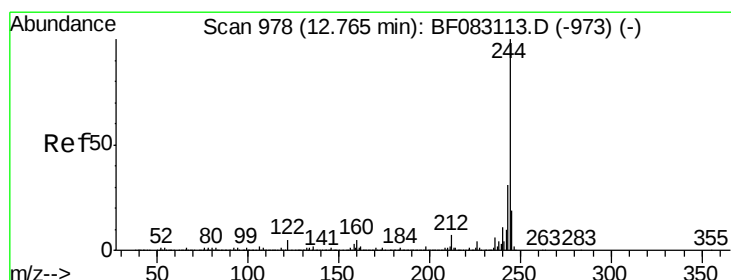
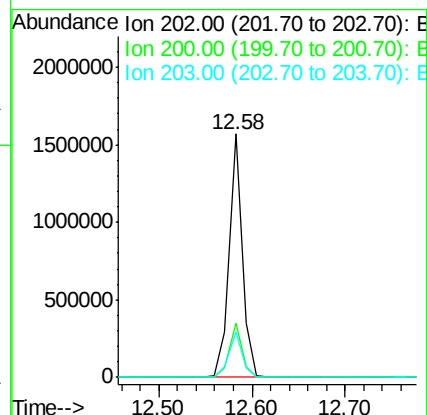
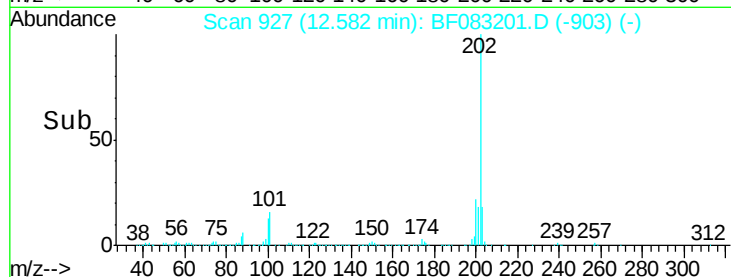
#77
 Pyrene
 Concen: 34.52 ng
 RT: 12.58 min Scan# 927
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tgt Ion:202 Resp: 1534991
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.8 26.6
 203 18.5 15.0 22.4

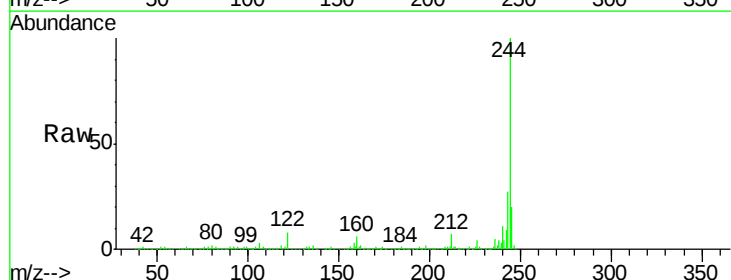


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

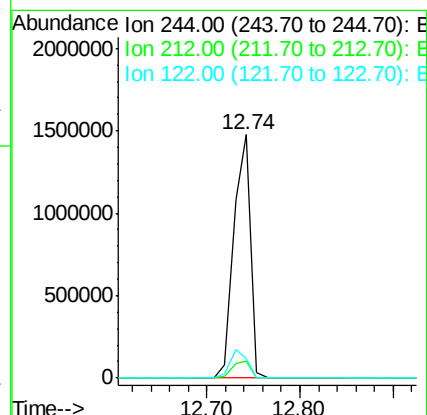
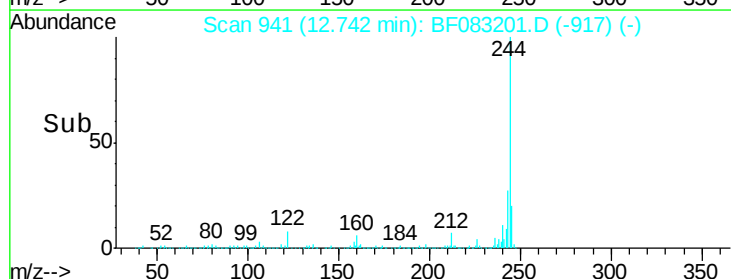


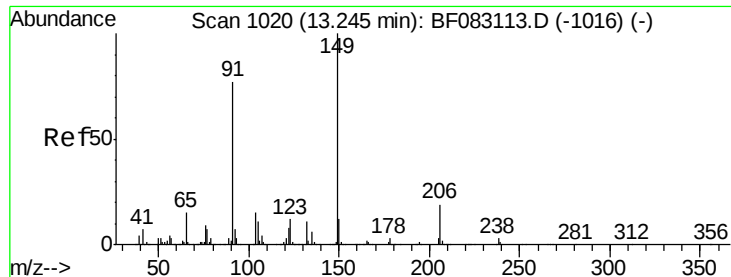
#78
 Terphenyl-d14
 Concen: 66.58 ng
 RT: 12.74 min Scan# 941
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion:244 Resp: 1840551
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 7.9 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

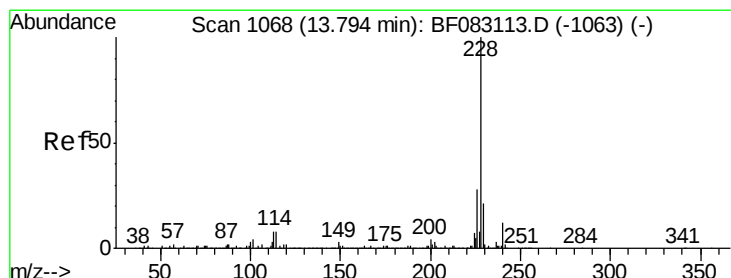
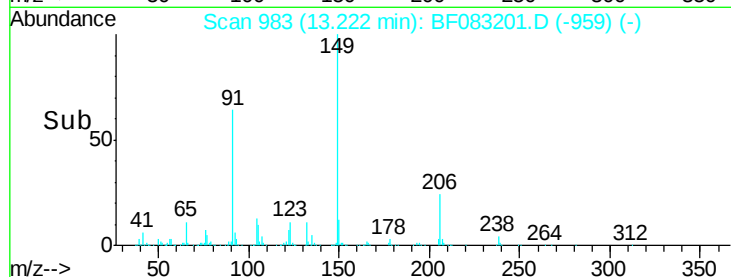
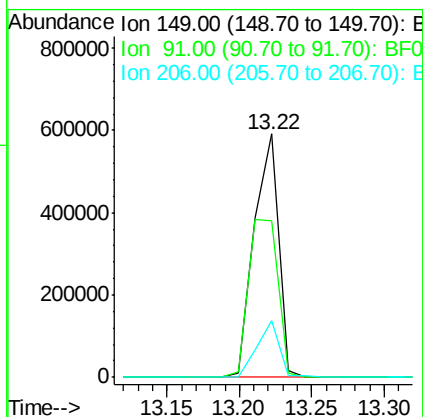
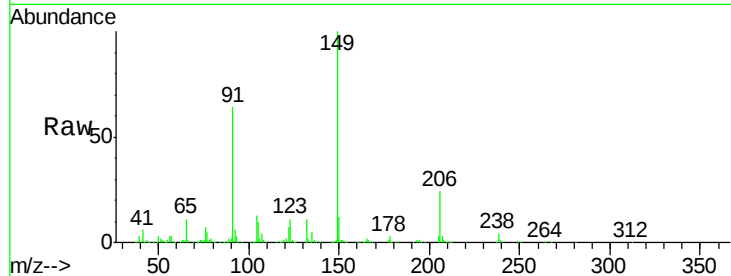




#79
Butylbenzylphthalate
Concen: 32.84 ng
RT: 13.22 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

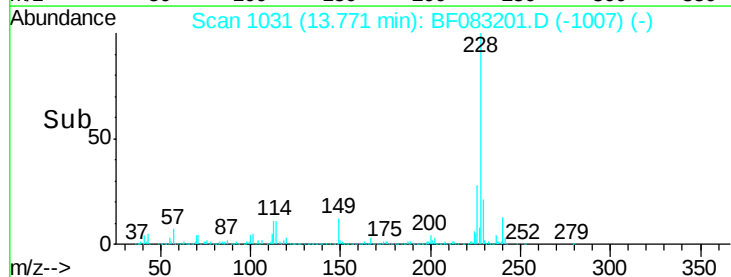
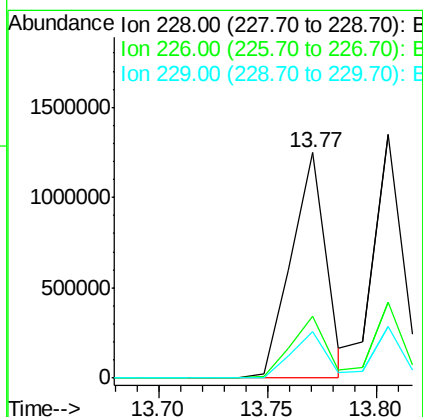
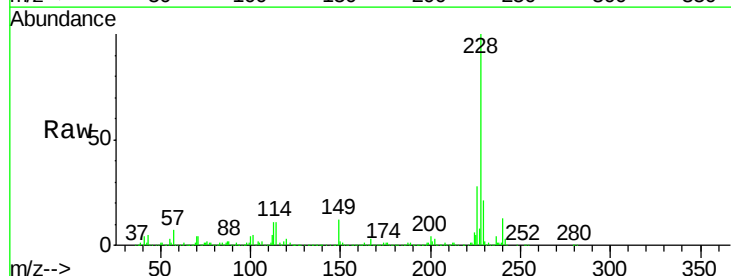
Instrument :
BNA_F
ClientSampleId :
PB86782BS

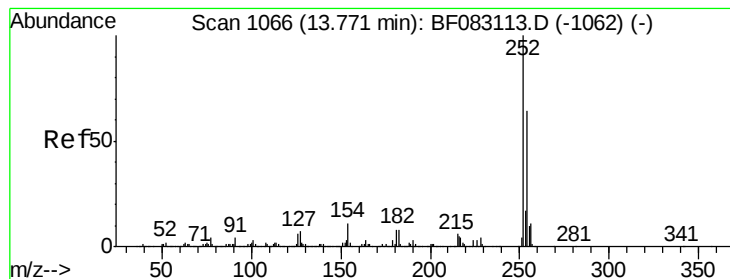
Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.4	61.5	92.3
206	23.5	15.3	22.9



#80
Benzo(a)anthracene
Concen: 34.74 ng
RT: 13.77 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.6	16.6	24.8

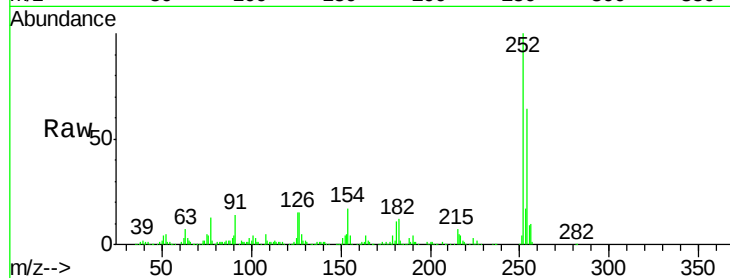




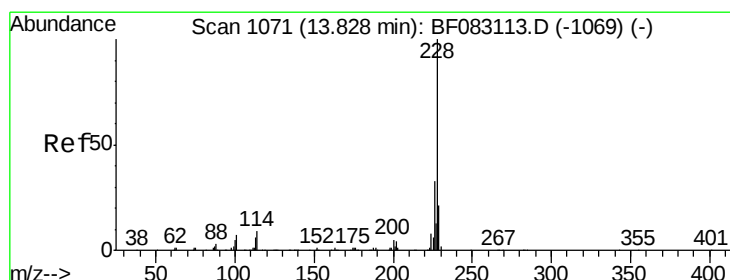
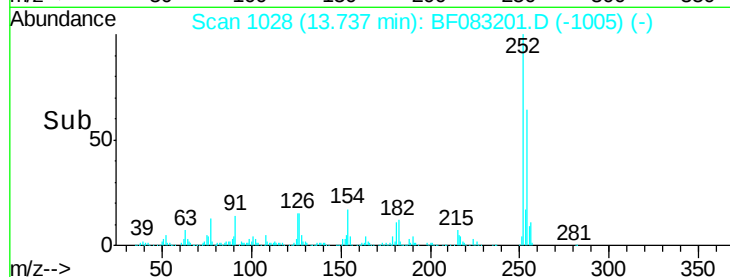
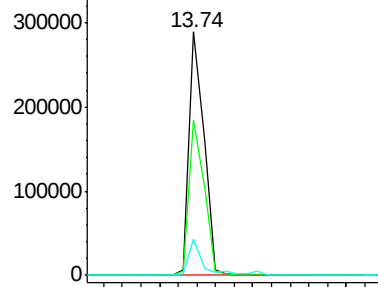
#81
 3,3'-Dichlorobenzidine
 Concen: 22.73 ng
 RT: 13.74 min Scan# 1028
 Delta R.T. -0.03 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tgt Ion:252 Resp: 318512
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.5 77.3
 126 15.1 5.2 7.8#

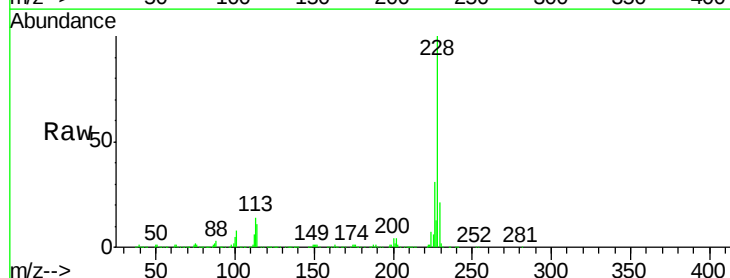


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

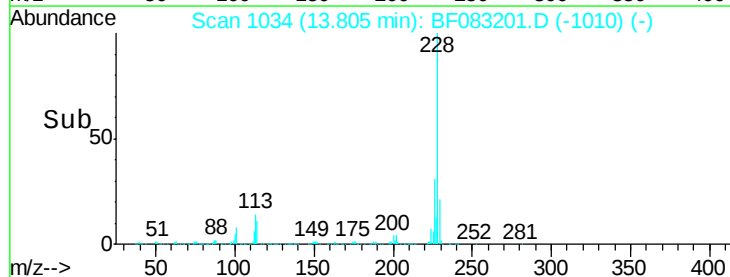
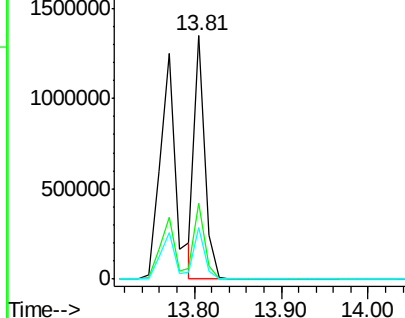


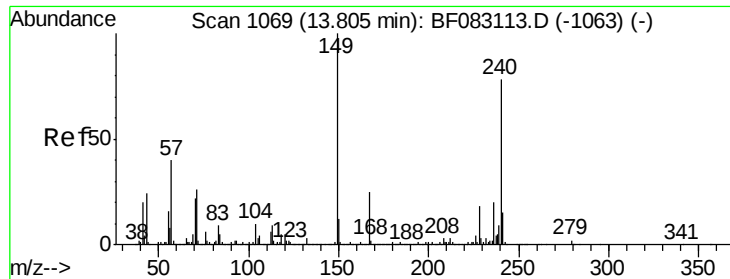
#82
 Chrysene
 Concen: 29.74 ng
 RT: 13.81 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion:228 Resp: 1110320
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.5 38.3
 229 21.0 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: 32.51 ng

RT: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :

BNA_F

ClientSampleId :

PB86782BS

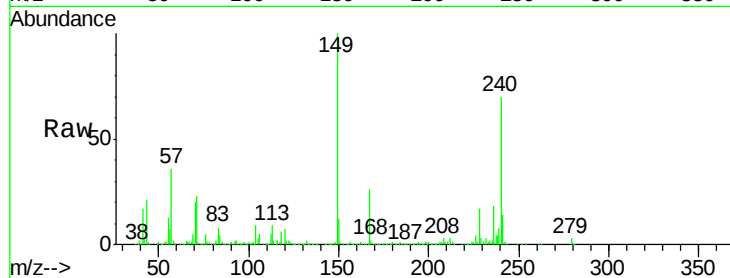
Tgt Ion:149 Resp: 893686

Ion Ratio Lower Upper

149 100

167 26.3 20.1 30.1

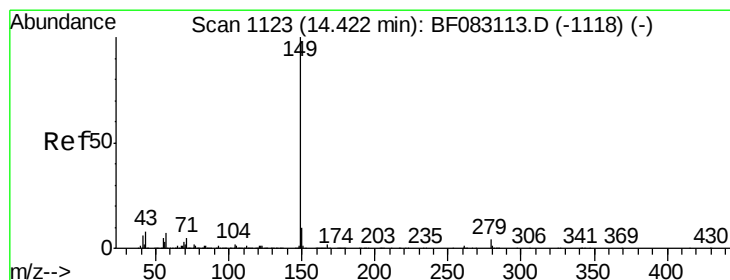
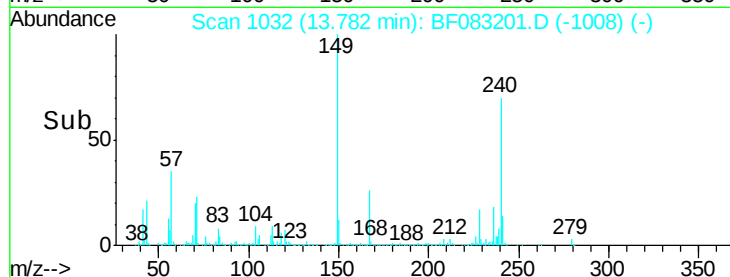
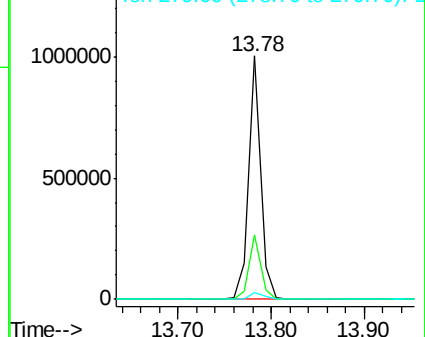
279 2.7 1.7 2.5#



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: 31.29 ng

RT: 14.39 min Scan# 1085

Delta R.T. -0.03 min

Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

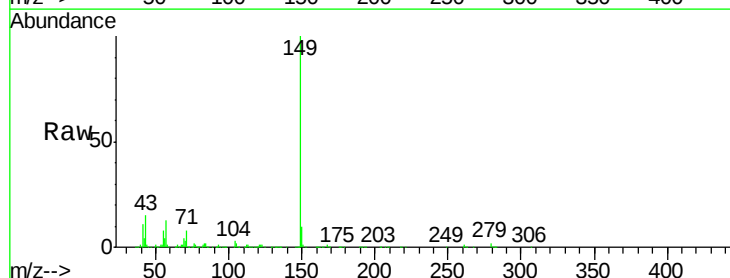
Tgt Ion:149 Resp: 1480757

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

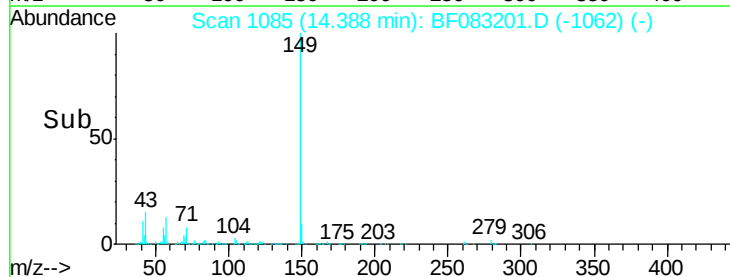
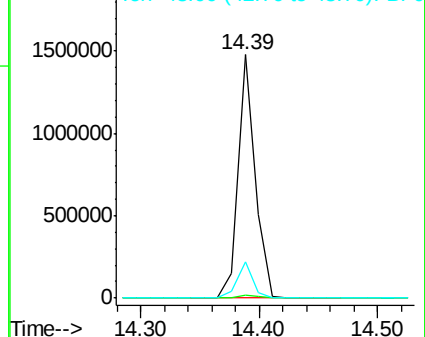
43 13.6 9.5 14.3

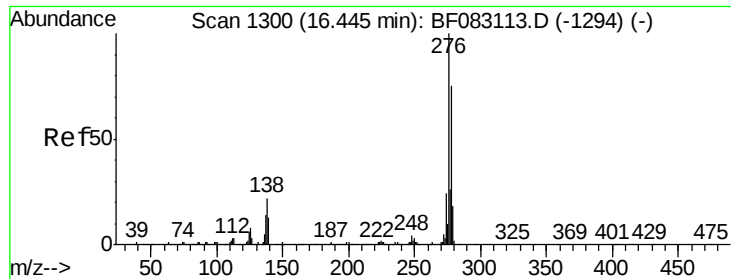


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

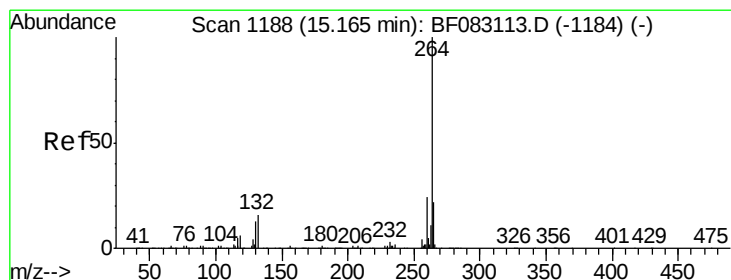
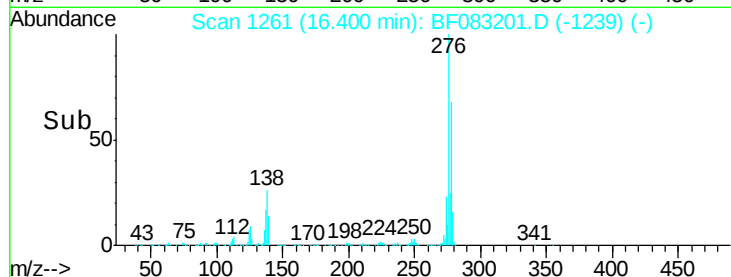
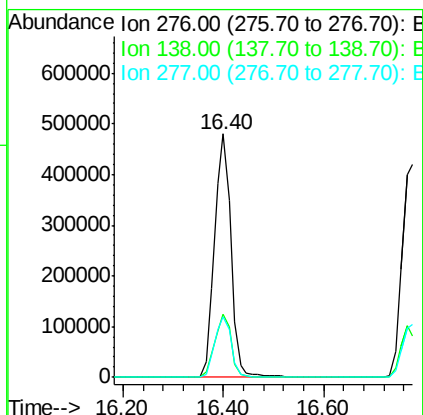
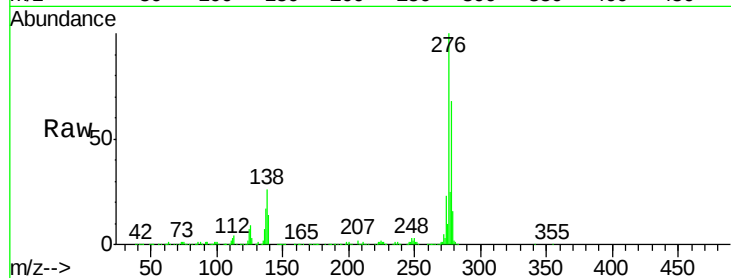




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.17 ng
 RT: 16.40 min Scan# 1261
 Delta R.T. -0.05 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

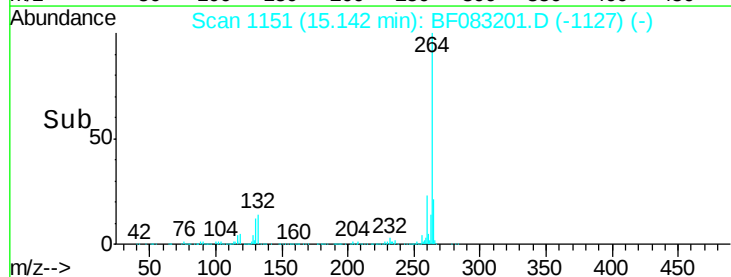
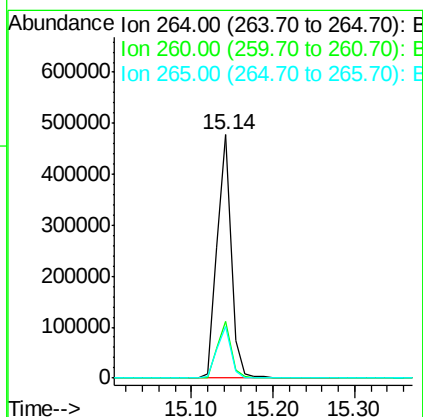
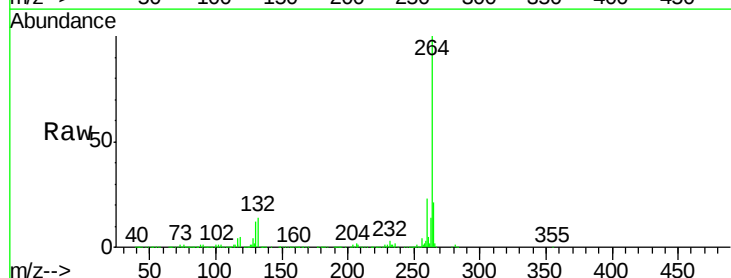
Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

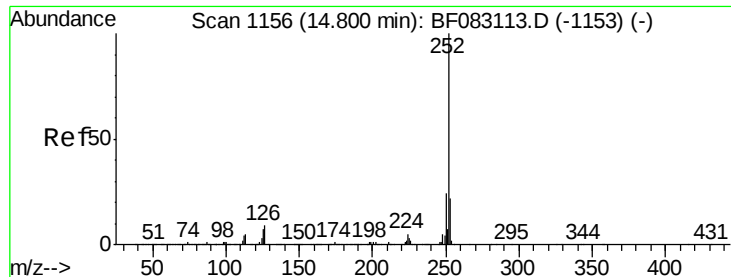
Tgt Ion:276 Resp: 1092561
 Ion Ratio Lower Upper
 276 100
 138 26.1 18.0 27.0
 277 25.2 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Tgt Ion:264 Resp: 574843
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.2 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 61.32 ng

RT: 14.80 min Scan# 1121

Delta R.T. -0.00 min

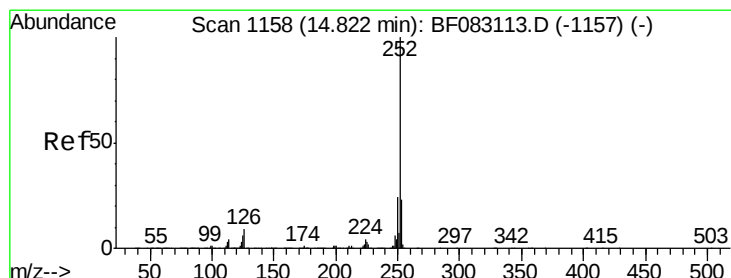
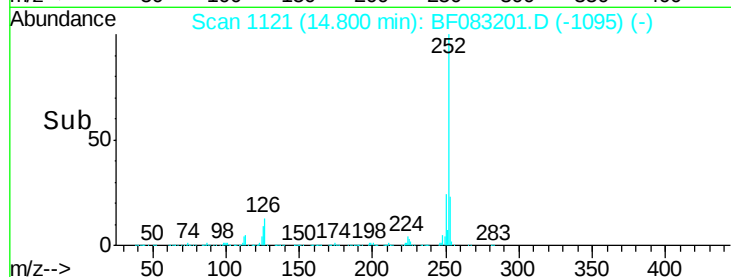
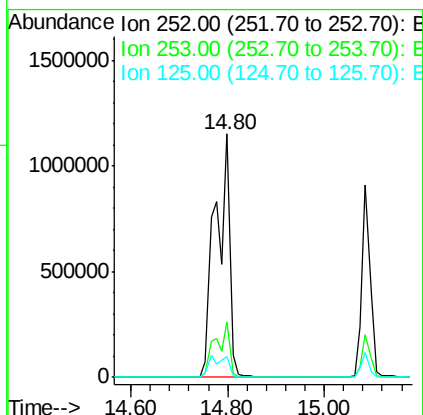
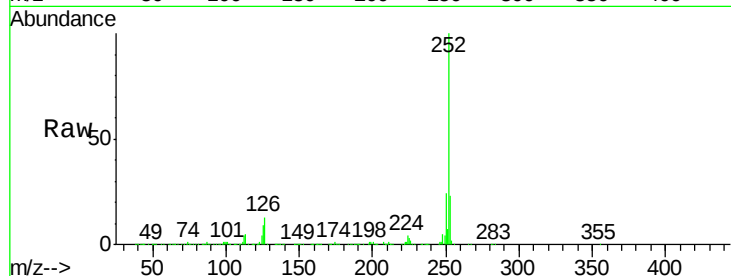
Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tgt Ion:252 Resp: 2408557

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	8.7	5.6	8.4#



#88

Benzo(k)fluoranthene

Concen: 82.30 ng

RT: 14.80 min Scan# 1121

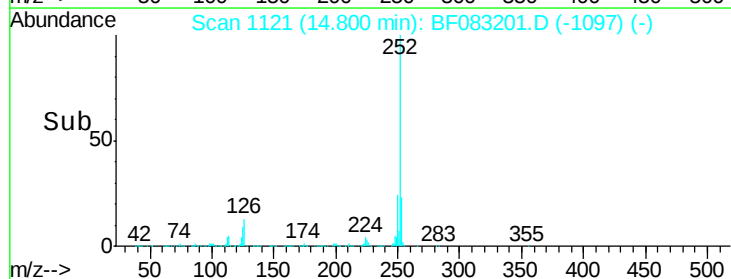
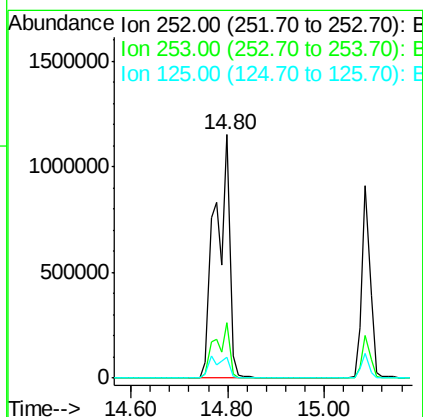
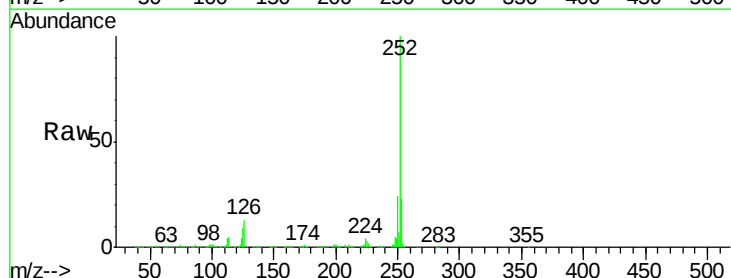
Delta R.T. -0.02 min

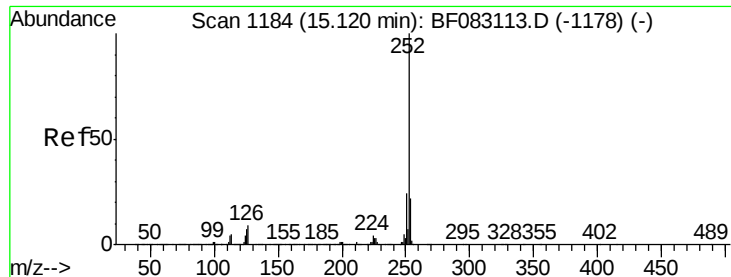
Lab File: BF083201.D

Acq: 23 Nov 2015 13:39

Tgt Ion:252 Resp: 2408557

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	8.7	6.8	10.2

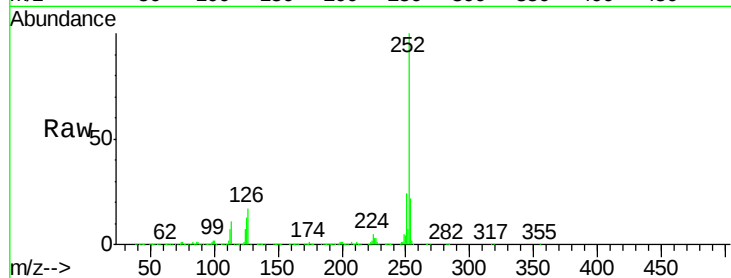




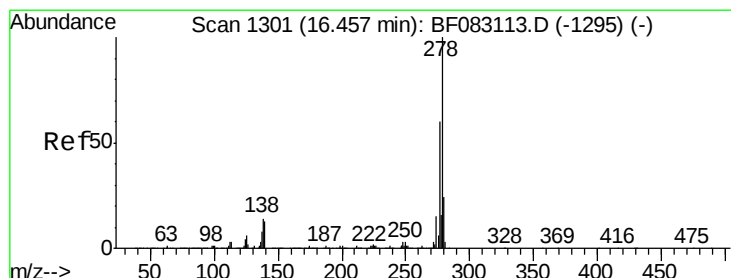
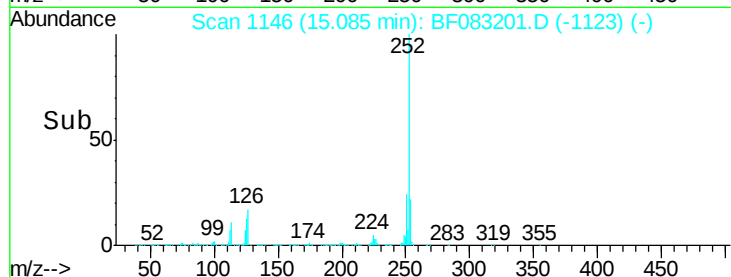
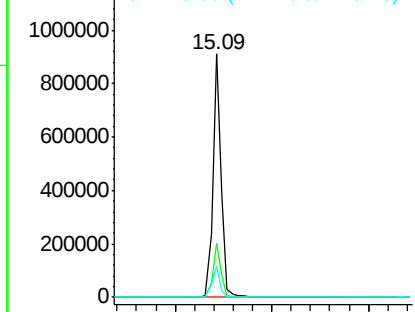
#89
Benzo(a)pyrene
Concen: 33.95 ng
RT: 15.09 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Instrument :
BNA_F
ClientSampleId :
PB86782BS

Tgt Ion: 252 Resp: 1100785
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 12.8 5.4 8.0#

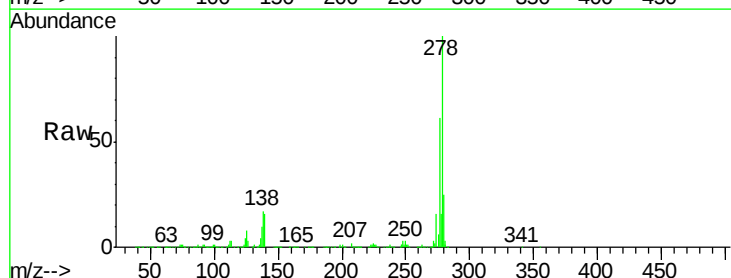


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

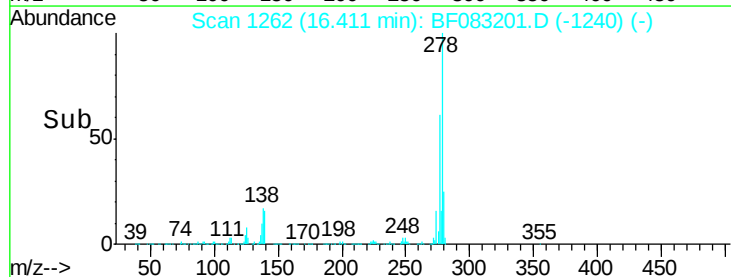
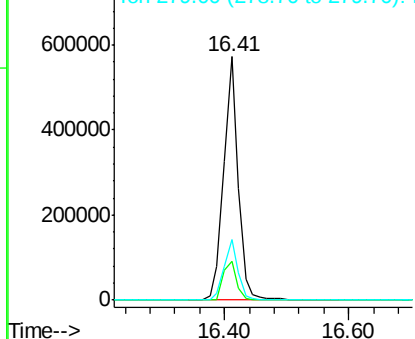


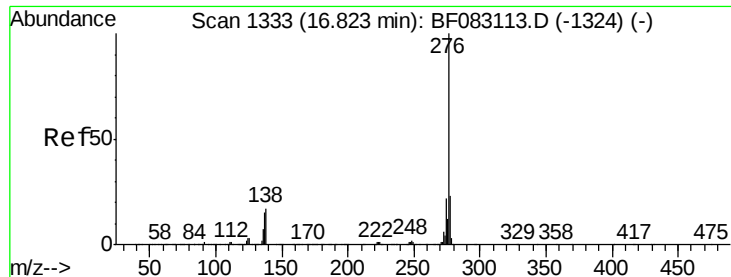
#90
Dibenzo(a,h)anthracene
Concen: 31.40 ng
RT: 16.41 min Scan# 1262
Delta R.T. -0.05 min
Lab File: BF083201.D
Acq: 23 Nov 2015 13:39

Tgt Ion: 278 Resp: 924863
Ion Ratio Lower Upper
278 100
139 16.1 10.7 16.1
279 24.8 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: 31.17 ng
 RT: 16.78 min Scan# 1294
 Delta R.T. -0.05 min
 Lab File: BF083201.D
 Acq: 23 Nov 2015 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB86782BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.7	28.1
138	19.6	13.9	20.9

