

Data Path : Z:\HPCHEM1\BNA F\Data\BF110715\
 Data File : BF082753.D
 Acq On : 6 Nov 2015 11:02
 Operator : UM/IZ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 12:01:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	145440	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	592201	20.00	ng	-0.03
38) Acenaphthene-d10	9.89	164	352485	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	643605	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	651413	20.00	ng	-0.03
86) Perylene-d12	15.48	264	557996	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	54927	5.69	ng	-0.03
7) Phenol-d6	6.46	99	74019	5.77	ng	-0.05
23) Nitrobenzene-d5	7.40	82	74778	5.16	ng	-0.05
41) 2,4,6-Tribromophenol	10.67	330	21126	5.48	ng	-0.05
44) 2-Fluorobiphenyl	9.21	172	139553	5.62	ng	-0.05
78) Terphenyl-d14	12.96	244	155681	5.23	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.44	88	10910	2.44	ng	95
3) Pyridine	3.22	79	31098	2.38	ng	# 85
4) n-Nitrosodimethylamine	3.09	42	16473	2.24	ng	# 86
6) Aniline	6.50	93	51481	2.88	ng	99
8) 2-Chlorophenol	6.62	128	30218	2.89	ng	89
9) Benzaldehyde	6.38	77	24794	2.83	ng	96
10) Phenol	6.48	94	40657	2.80	ng	91
11) bis(2-Chloroethyl)ether	6.58	93	29544	2.75	ng	# 83
12) 1,3-Dichlorobenzene	6.78	146	32881	2.76	ng	95
13) 1,4-Dichlorobenzene	6.86	146	37869	3.20	ng	94
14) 1,2-Dichlorobenzene	6.86	146	37869	3.45	ng	96
15) Benzyl Alcohol	6.98	79	29119	2.43	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	43241	2.54	ng	96
17) 2-Methylphenol	7.10	107	22515	2.53	ng	93
18) Hexachloroethane	7.37	117	13473	2.92	ng	# 89
19) n-Nitroso-di-n-propylamine	7.25	70	26660	2.74	ng	90
20) 3+4-Methylphenols	7.25	107	33787	2.93	ng	# 79
22) Acetophenone	7.25	105	50503	2.90	ng	# 93
24) Nitrobenzene	7.42	77	40550	2.77	ng	94
25) Isophorone	7.66	82	72780	2.73	ng	96
26) 2-Nitrophenol	7.74	139	14121	2.64	ng	91
27) 2,4-Dimethylphenol	7.79	122	29633	2.83	ng	93
28) bis(2-Chloroethoxy)methane	7.88	93	40695	2.79	ng	# 95
29) 2,4-Dichlorophenol	7.98	162	24610	2.58	ng	85
30) 1,2,4-Trichlorobenzene	8.08	180	28850	2.73	ng	98
31) Naphthalene	8.16	128	96523	3.01	ng	98
33) 4-Chloroaniline	8.20	127	41195	3.01	ng	# 87
34) Hexachlorobutadiene	8.28	225	17264	2.57	ng	96
35) Caprolactam	8.52	113	8333	2.85	ng	# 82
36) 4-Chloro-3-methylphenol	8.68	107	31187	2.78	ng	# 88
37) 2-Methylnaphthalene	8.94	142	55945	2.69	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	28670	2.44	ng	97
42) 2,4,6-Trichlorophenol	9.13	196	21810	2.57	ng	98
43) 2,4,5-Trichlorophenol	9.16	196	22634	2.67	ng	# 80

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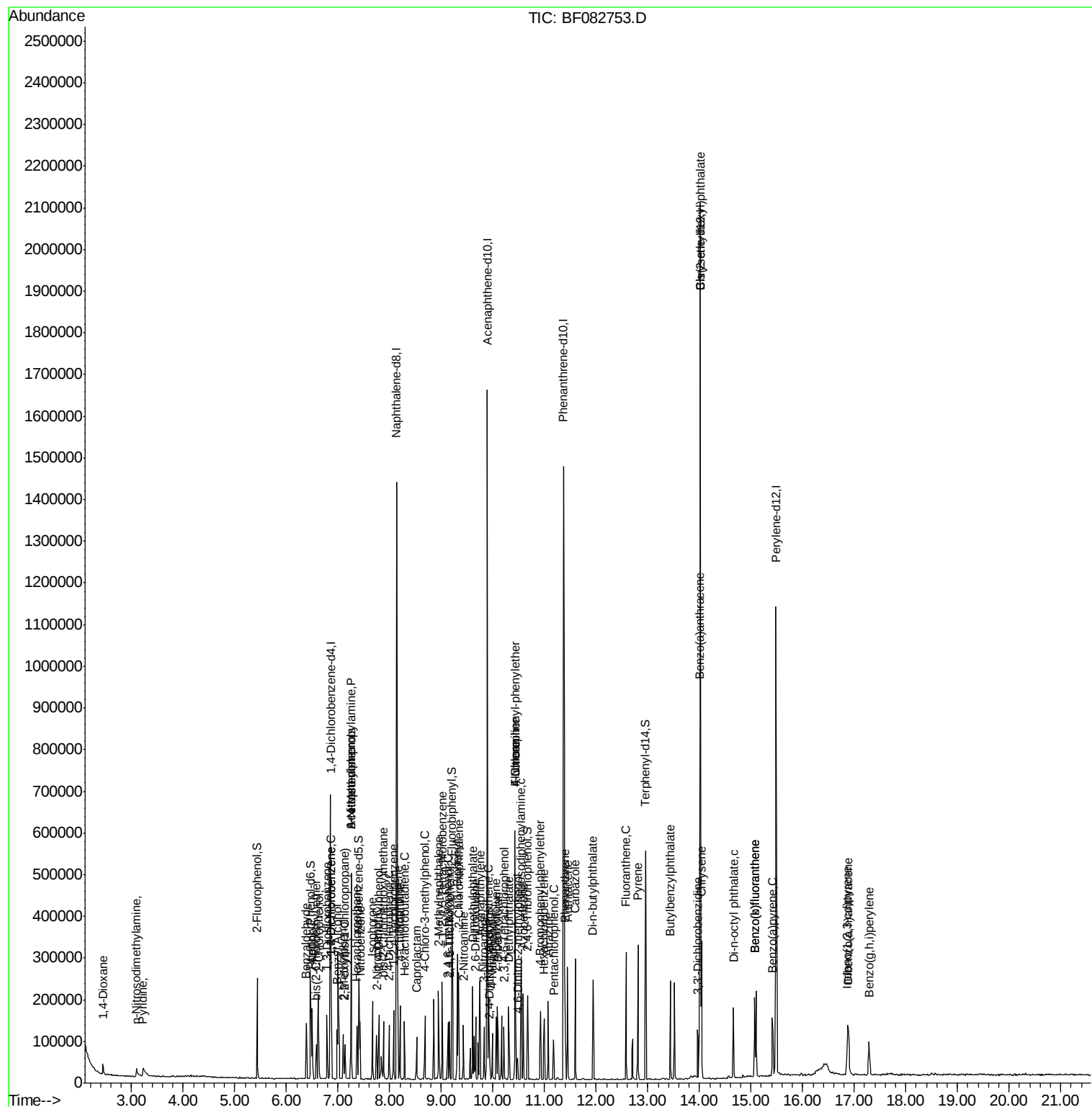
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.31	154	85362	2.87	nq	96
46) 2-Chloronaphthalene	9.33	162	65439	2.81	nq	98
47) 2-Nitroaniline	9.42	65	21225	2.35	nq	# 62
48) Acenaphthylene	9.74	152	103046	2.77	nq	97
49) Dimethylphthalate	9.61	163	82668	2.87	nq	97
50) 2,6-Dinitrotoluene	9.66	165	16421	2.75	nq	89
51) Acenaphthene	9.92	154	59240	2.51	nq	96
52) 3-Nitroaniline	9.82	138	16853	2.54	nq	96
53) 2,4-Dinitrophenol	9.94	184	4999	8.13	nq	# 21
54) Dibenzofuran	10.09	168	83544	2.61	nq	97
55) 4-Nitrophenol	9.98	139	12691	2.54	nq	# 83
56) 2,4-Dinitrotoluene	10.06	165	21300	2.64	nq	98
57) Fluorene	10.43	166	69378	2.69	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	17477	2.44	nq	89
59) Diethylphthalate	10.30	149	73165	2.50	nq	96
60) 4-Chlorophenyl-phenylether	10.43	204	34924	2.78	nq	# 85
61) 4-Nitroaniline	10.43	138	17759	2.80	nq	# 86
62) Azobenzene	10.59	77	77270	2.34	nq	95
64) 4,6-Dinitro-2-methylphenol	10.48	198	9394	2.42	nq	95
65) n-Nitrosodiphenylamine	10.54	169	69651	3.15	nq	95
66) 4-Bromophenyl-phenylether	10.92	248	22391	3.07	nq	# 91
67) Hexachlorobenzene	10.99	284	24119	2.98	nq	# 62
68) Atrazine	11.07	200	20993	2.90	nq	96
69) Pentachlorophenol	11.17	266	10727	2.01	nq	97
70) Phenanthrene	11.39	178	110757	3.05	nq	95
71) Anthracene	11.45	178	116599	3.19	nq	94
72) Carbazole	11.60	167	106185	3.34	nq	96
73) Di-n-butylphthalate	11.94	149	116853	2.88	nq	97
74) Fluoranthene	12.58	202	118095	3.18	nq	98
77) Pyrene	12.81	202	126610	2.62	nq	95
79) Butylbenzylphthalate	13.44	149	48057	2.27	nq	99
80) Benzo(a)anthracene	14.01	228	116952	2.83	nq	95
81) 3,3'-Dichlorobenzidine	13.97	252	35628	2.50	nq	# 97
82) Chrysene	14.04	228	103570	2.76	nq	96
83) Bis(2-ethylhexyl)phthalate	14.02	149	67930	2.48	nq	# 99
84) Di-n-octyl phthalate	14.66	149	112162	2.63	nq	99
85) Indeno(1,2,3-cd)pyrene	16.87	276	83869	2.71	nq	98
87) Benzo(b)fluoranthene	15.07	252	182843	4.75	nq	97
88) Benzo(k)fluoranthene	15.07	252	182843	6.24	nq	# 97
89) Benzo(a)pyrene	15.41	252	81833	2.70	nq	# 97
90) Dibenzo(a,h)anthracene	16.89	278	67864	2.40	nq	99
91) Benzo(g,h,i)perylene	17.29	276	66945	2.44	nq	98

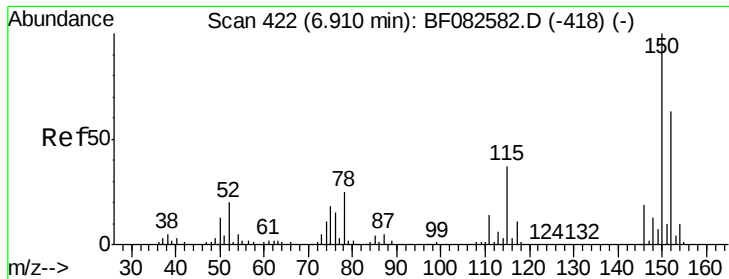
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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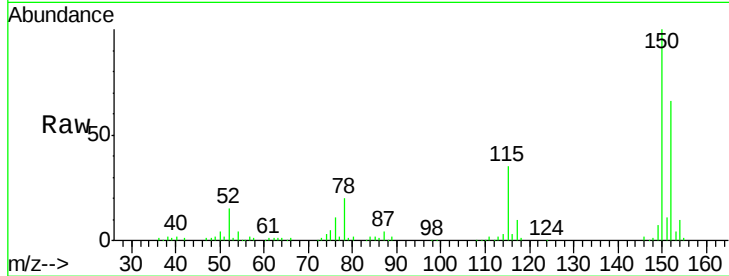


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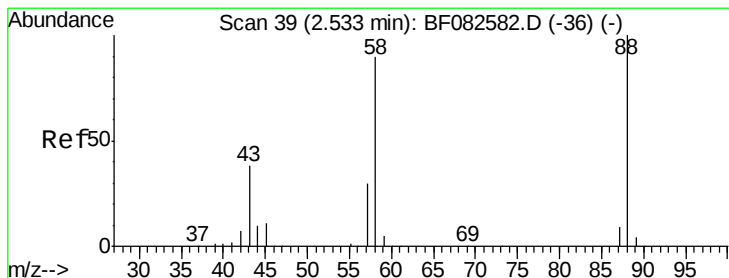
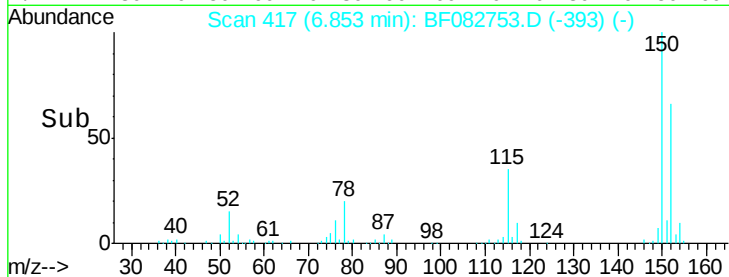
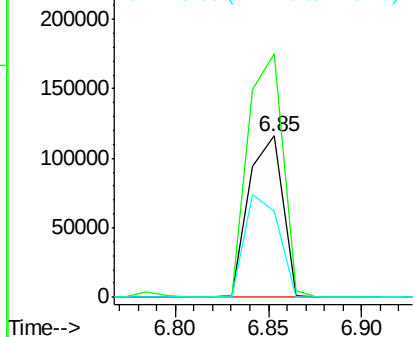
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145440
Ion Ratio Lower Upper
152 100
150 150.6 127.0 190.4
115 53.2 47.0 70.6



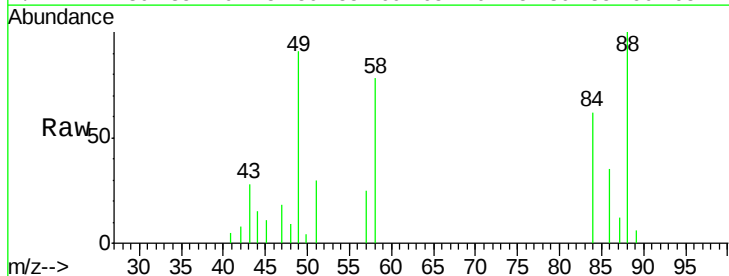
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



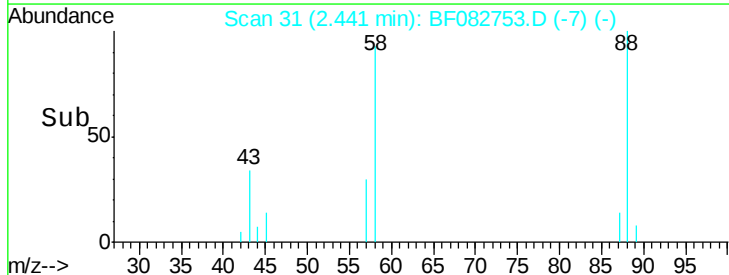
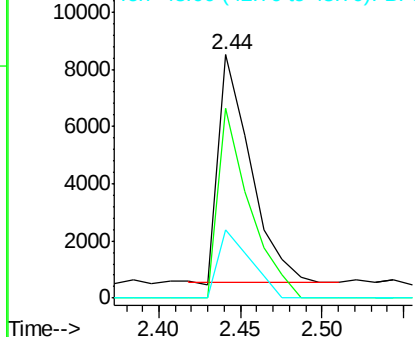
#2

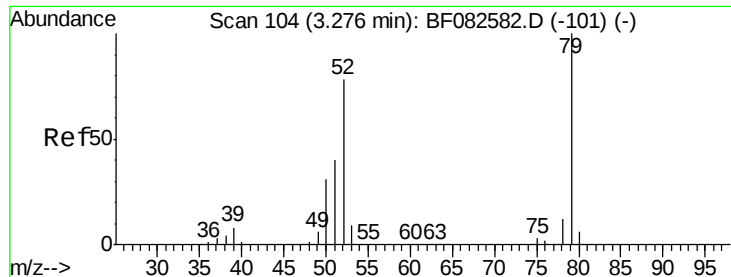
1,4-Dioxane
Concen: 2.44 ng
RT: 2.44 min Scan# 31
Delta R.T. -0.02 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Tgt Ion: 88 Resp: 10910
Ion Ratio Lower Upper
88 100
58 81.2 62.0 93.0
43 30.1 26.6 40.0



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

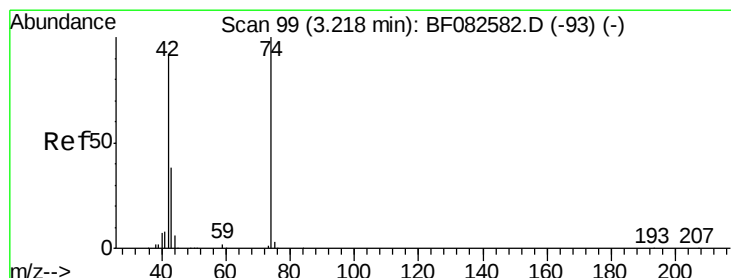
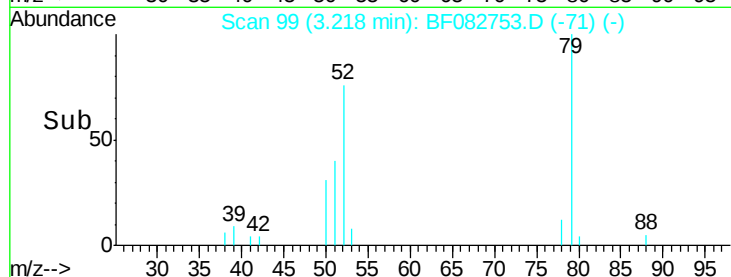
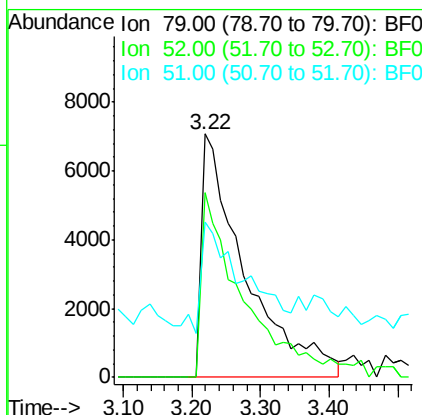
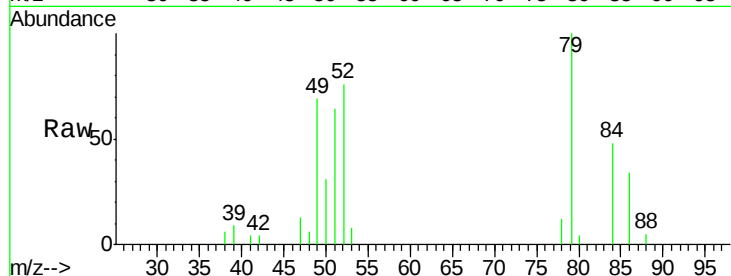




#3
 Pvridine
 Concen: 2.38 ng
 RT: 3.22 min Scan# 99
 Delta R.T. 0.02 min
 Lab File: BF082753.D
 Acq: 6 Nov 2015 11:02

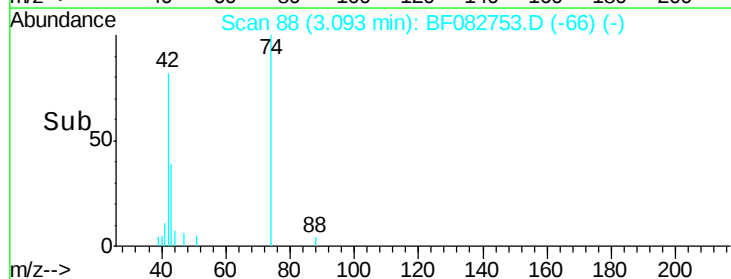
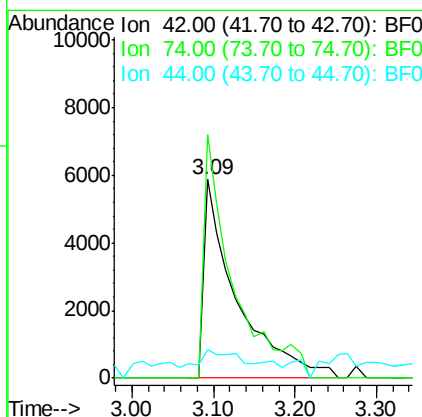
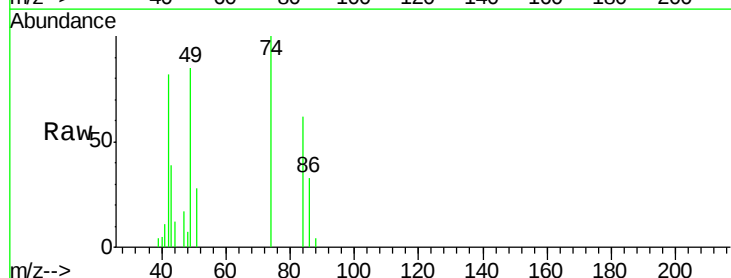
Instrument :
 BNA_F
 ClientSampleId :

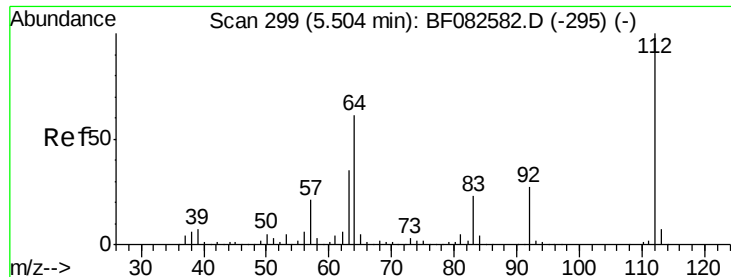
Tot Ion: 79 Resp: 31098
 Ion Ratio Lower Upper
 79 100
 52 75.9 62.8 94.2
 51 64.0 32.0 48.0#



#4
 n-Nitrosodimethylamine
 Concen: 2.24 ng
 RT: 3.09 min Scan# 88
 Delta R.T. -0.05 min
 Lab File: BF082753.D
 Acq: 6 Nov 2015 11:02

Tgt Ion: 42 Resp: 16473
 Ion Ratio Lower Upper
 42 100
 74 122.6 87.0 130.4
 44 14.2 5.8 8.8#





#5

2-Fluorophenol

Concen: 5.69 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

Instrument :

BNA_F

ClientSampleId :

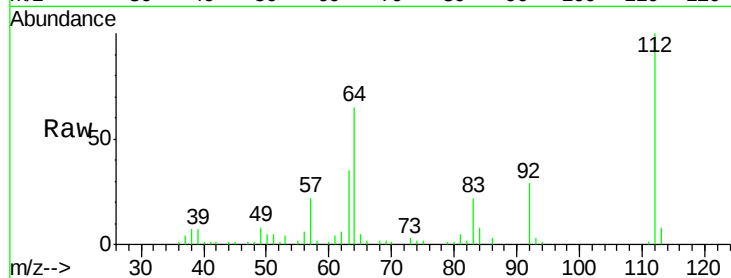
Tot Ion:112 Resp: 54927

Ion Ratio Lower Upper

112 100

64 65.3 48.9 73.3

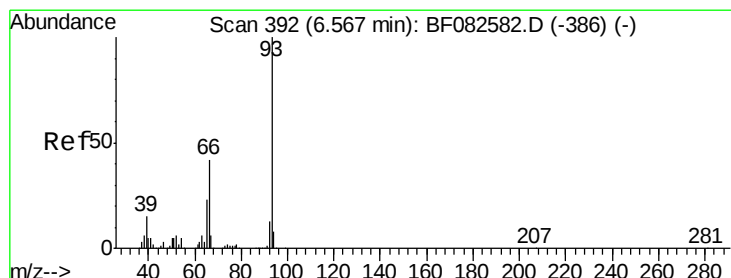
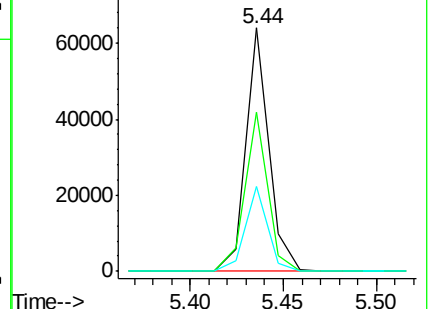
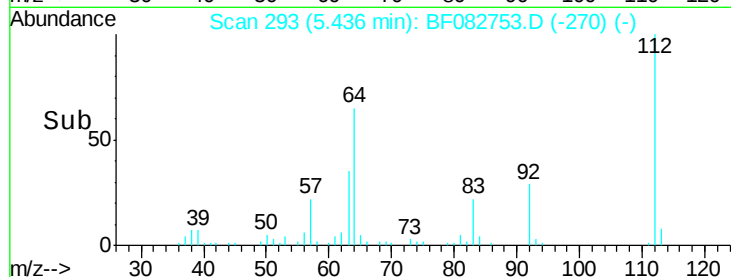
63 34.9 28.1 42.1



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: 2.88 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

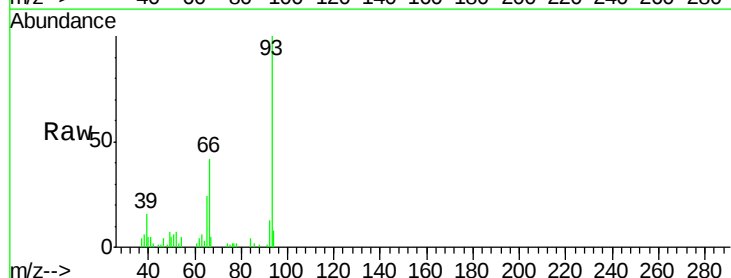
Tgt Ion: 93 Resp: 51481

Ion Ratio Lower Upper

93 100

66 42.3 33.6 50.4

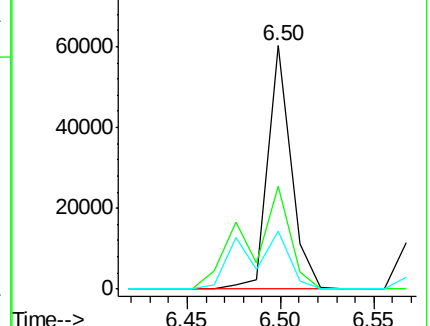
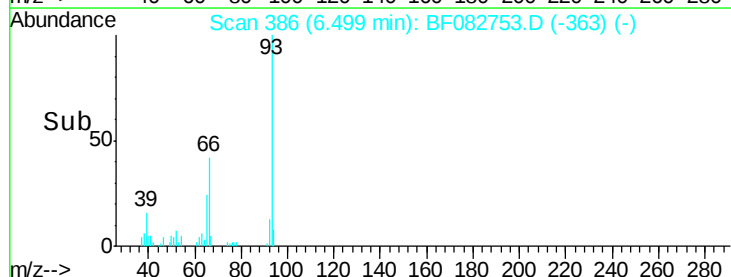
65 23.6 18.1 27.1

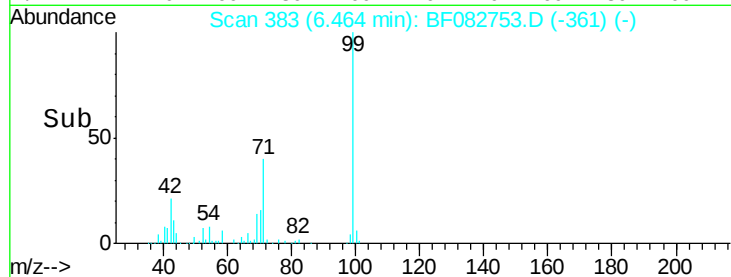
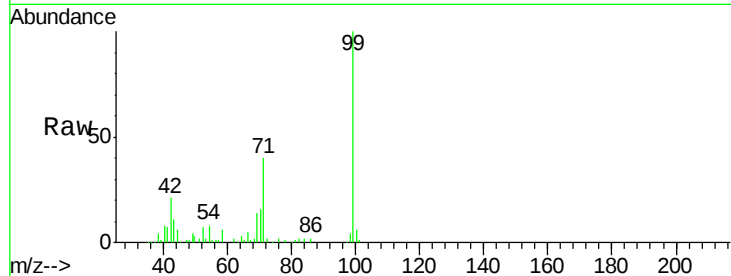
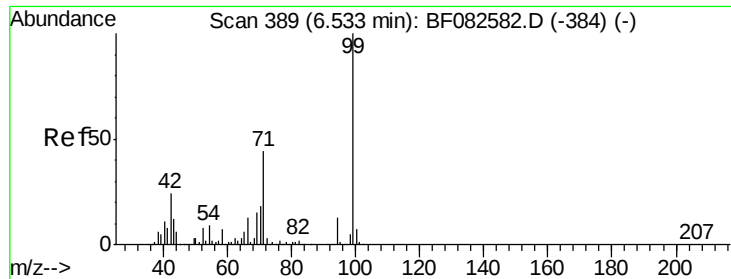


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 5.77 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

Instrument :

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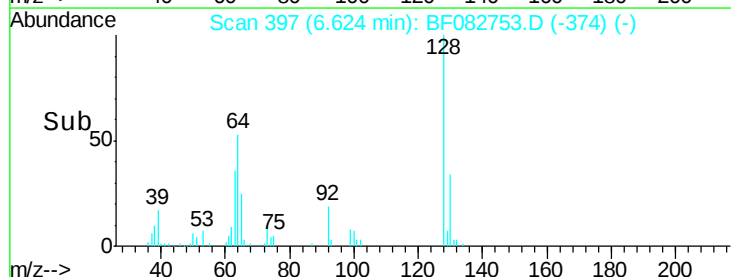
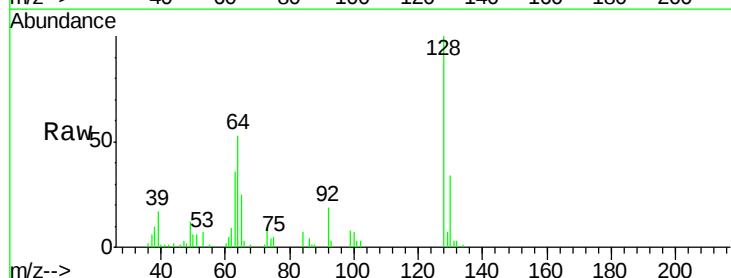
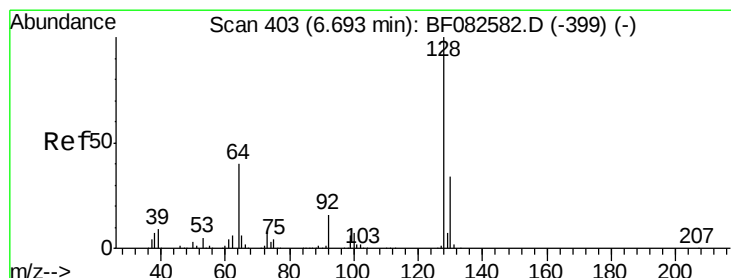
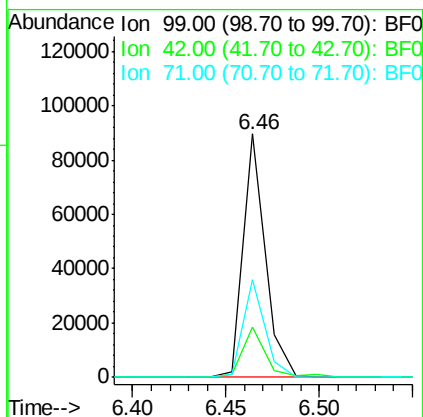
Tot Ion: 99 Resp: 74019

Ion Ratio Lower Upper

99 100

42 20.6 19.2 28.8

71 39.9 35.0 52.4



#8

2-Chlorophenol

Concen: 2.89 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.03 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

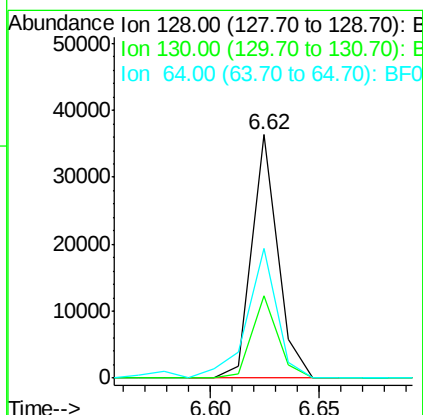
Tgt Ion: 128 Resp: 30218

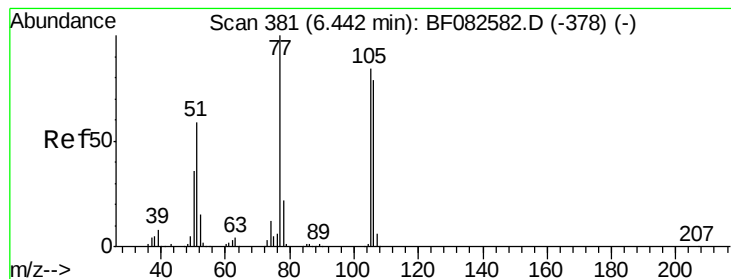
Ion Ratio Lower Upper

128 100

130 33.6 13.5 53.5

64 53.3 21.1 61.1





#9

Benzaldehyde

Concen: 2.83 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

Instrument :

BNA_F

ClientSampleId :

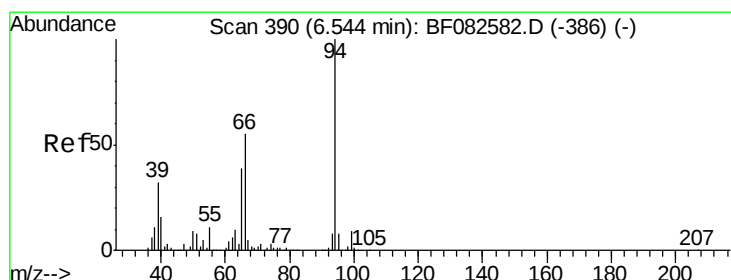
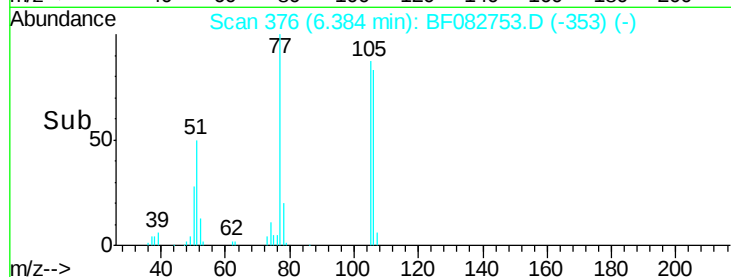
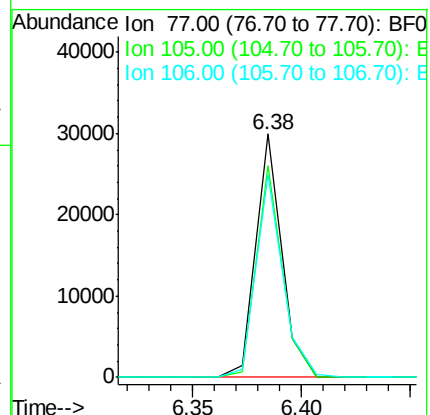
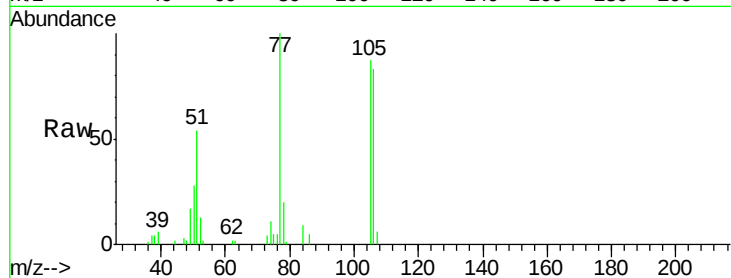
Tot Ion: 77 Resp: 24794

Ion Ratio Lower Upper

77 100

105 87.0 63.5 103.5

106 83.3 59.3 99.3



#10

Phenol

Concen: 2.80 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

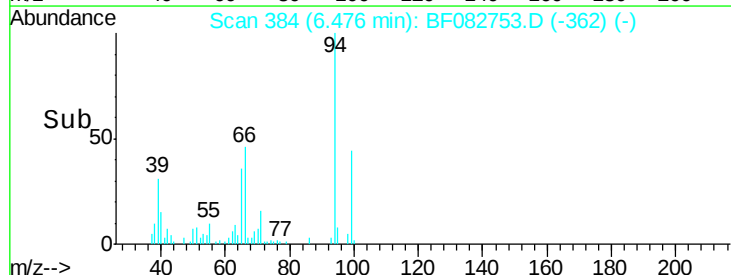
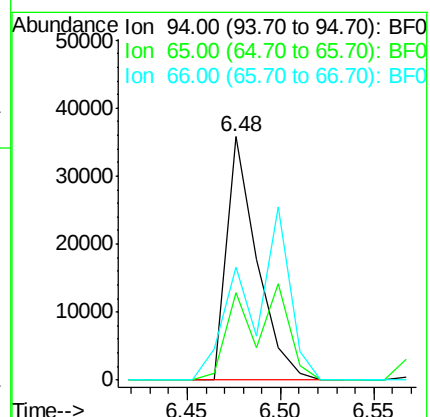
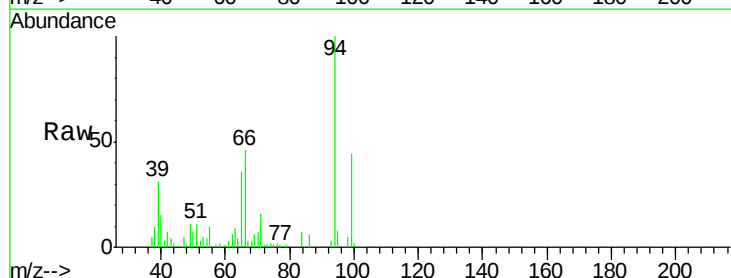
Tgt Ion: 94 Resp: 40657

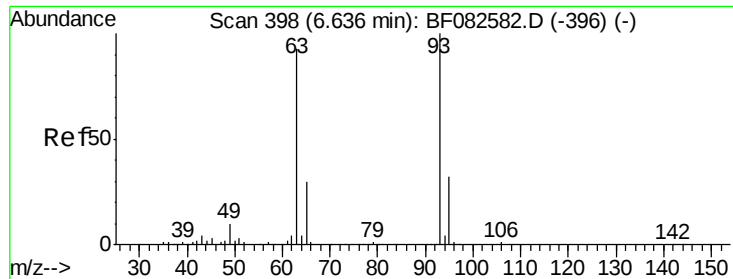
Ion Ratio Lower Upper

94 100

65 35.9 18.9 58.9

66 46.3 34.9 74.9

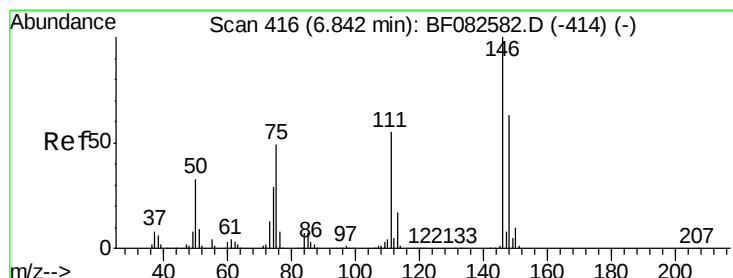
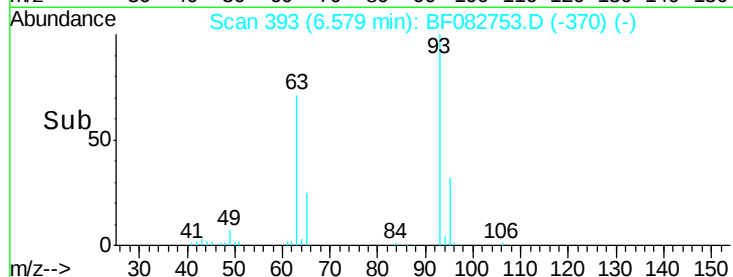
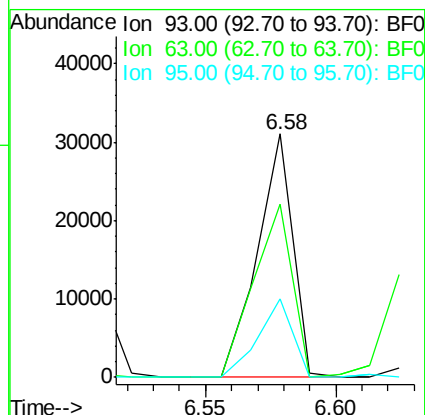
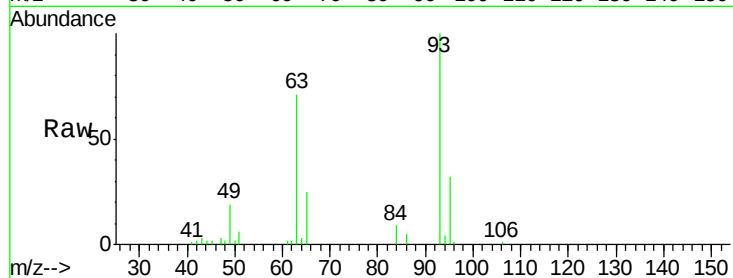




#11
bis(2-Chloroethyl)ether
Concen: 2.75 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.03 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

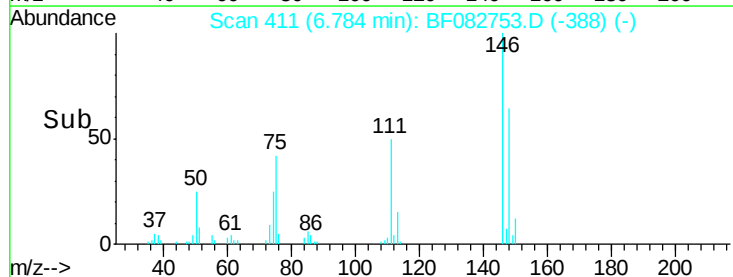
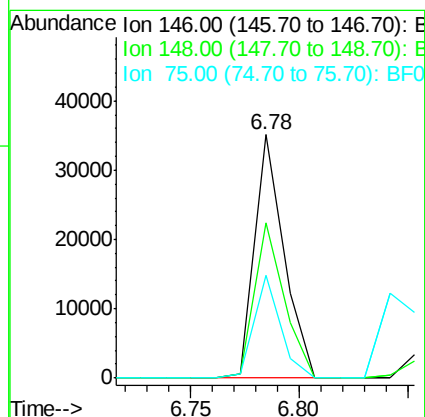
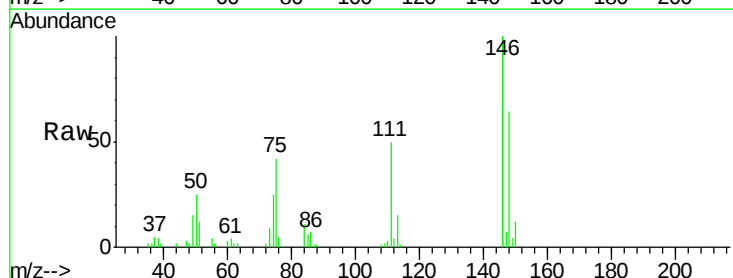
Instrument :
BNA_F
ClientSampleId :

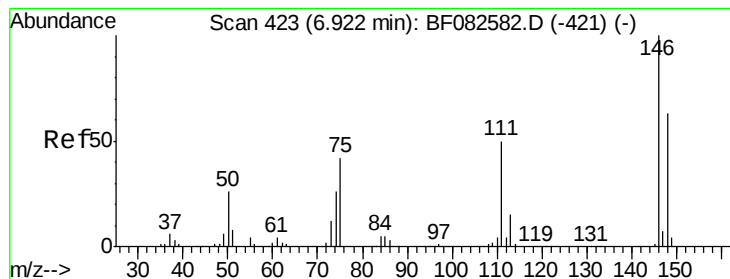
Tot Ion: 93 Resp: 29544
Ion Ratio Lower Upper
93 100
63 71.3 72.7 112.7#
95 32.2 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 2.76 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.03 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Tgt Ion: 146 Resp: 32881
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
75 42.1 39.5 59.3





#13

1,4-Dichlorobenzene

Concen: 3.20 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

Instrument :

BNA_F

ClientSampleId :

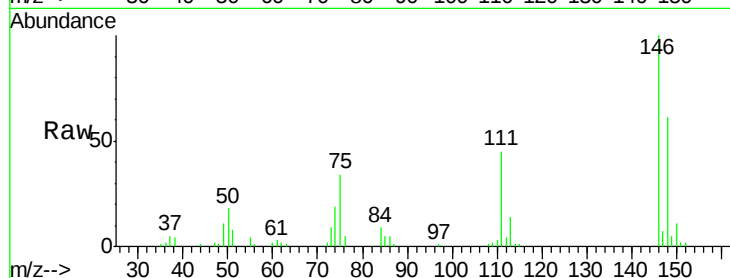
Tot Ion:146 Resp: 37869

Ion Ratio Lower Upper

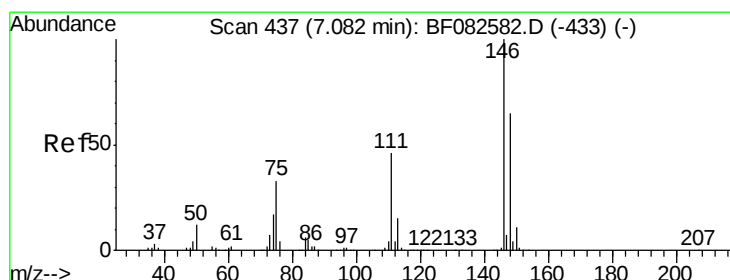
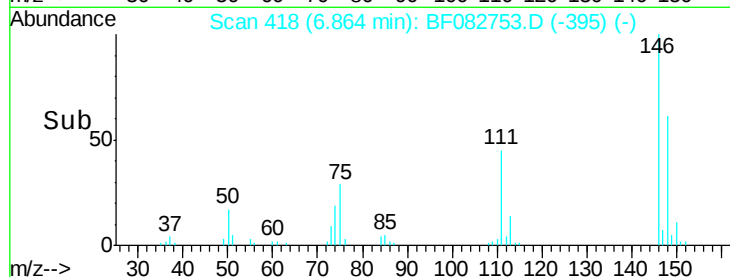
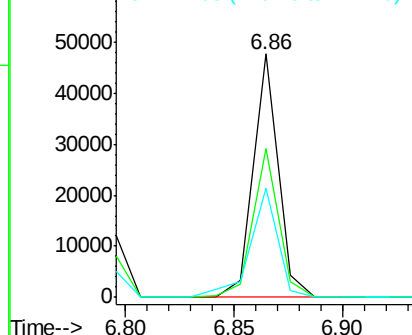
146 100

148 60.9 50.8 76.2

111 44.8 40.6 60.8



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



#14

1,2-Dichlorobenzene

Concen: 3.45 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.19 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

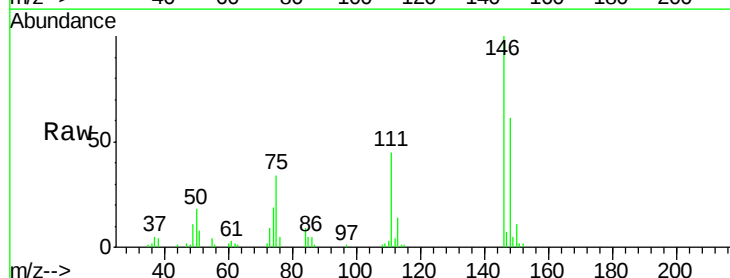
Tgt Ion:146 Resp: 37869

Ion Ratio Lower Upper

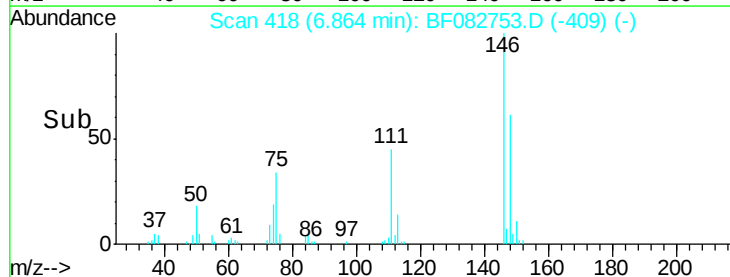
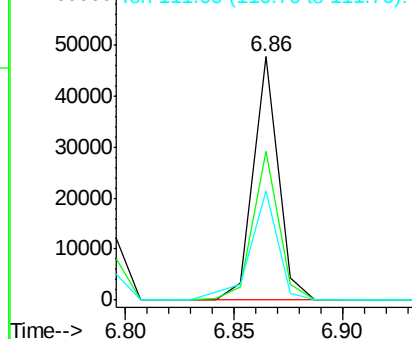
146 100

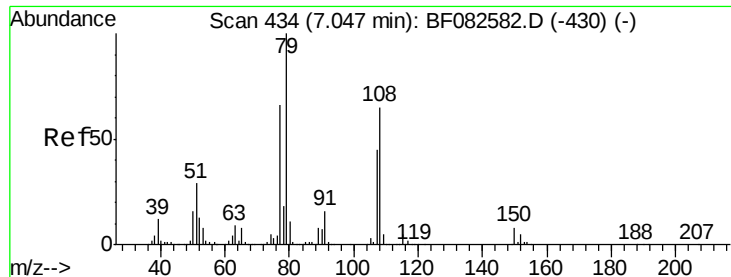
148 60.9 52.2 78.4

111 44.8 36.6 55.0



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





#15

Benzyl Alcohol

Concen: 2.43 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.05 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

Instrument :

BNA_F

ClientSampleId :

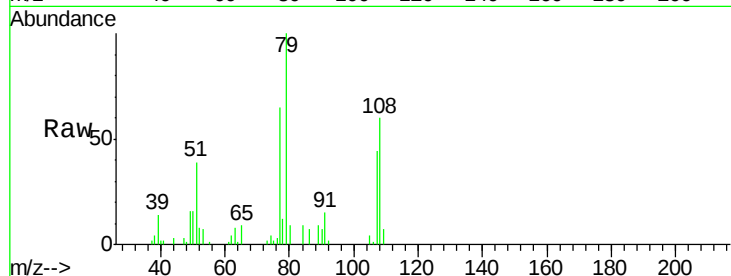
Tot Ion: 79 Resp: 29119

Ion Ratio Lower Upper

79 100

108 60.2 52.2 78.4

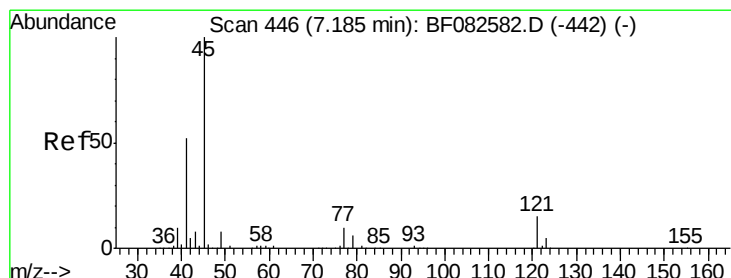
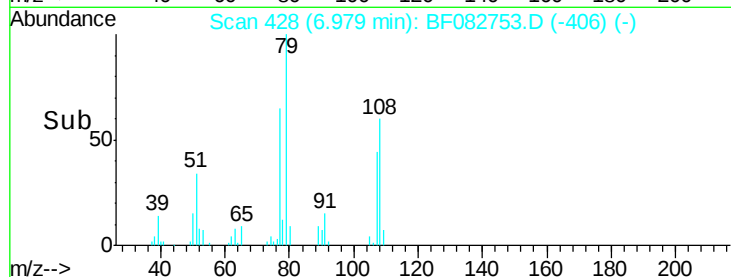
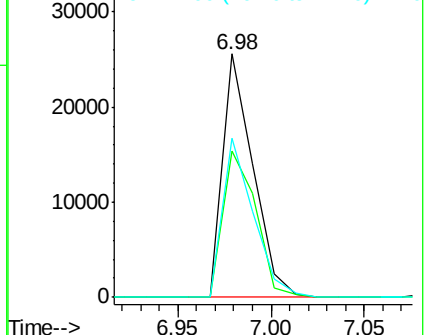
77 65.2 52.7 79.1



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: 2.54 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.03 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

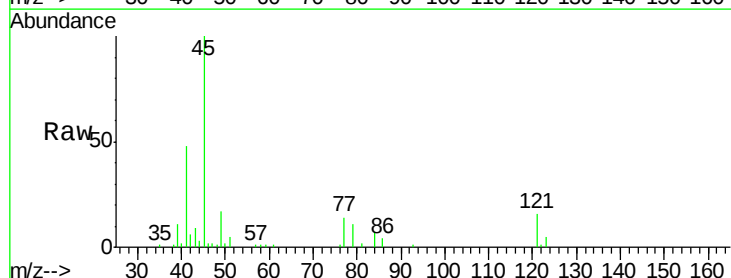
Tgt Ion: 45 Resp: 43241

Ion Ratio Lower Upper

45 100

77 14.2 0.0 32.6

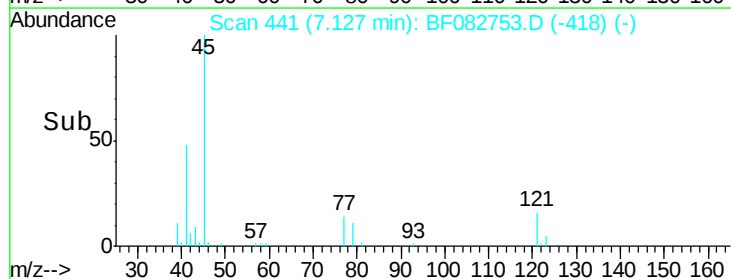
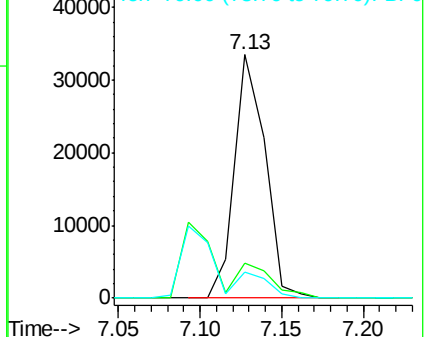
79 10.7 0.0 29.2

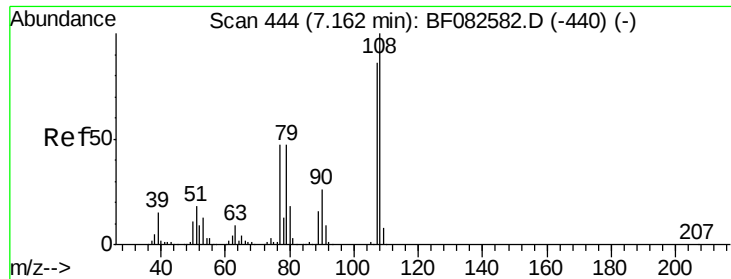


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 2.53 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 22515

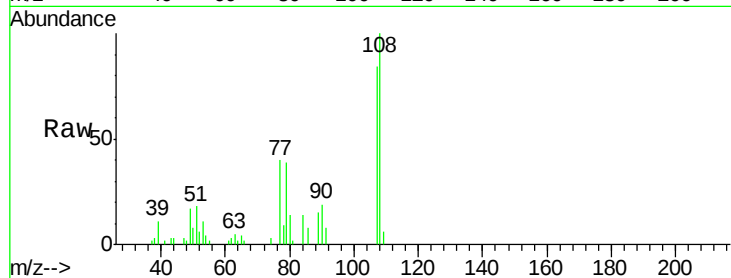
Ion Ratio Lower Upper

107 100

108 118.8 93.0 139.4

77 47.1 44.1 66.1

79 46.3 43.6 65.4

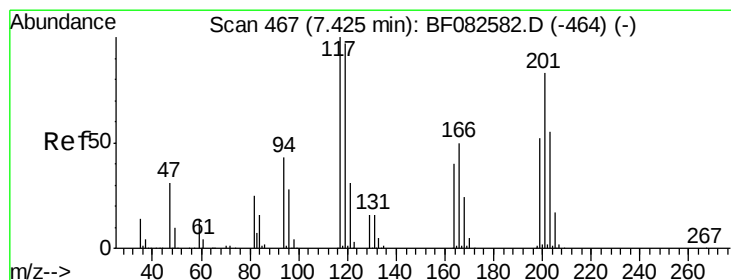
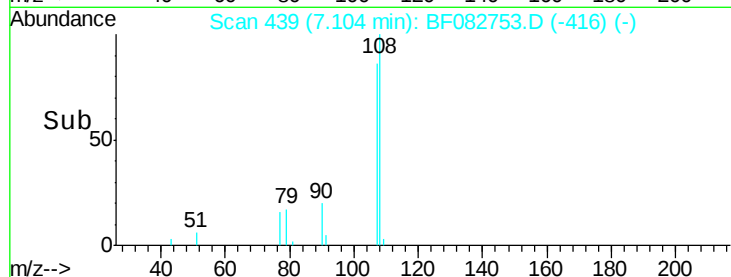
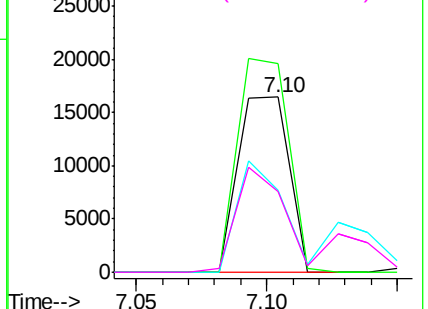


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 2.92 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.03 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

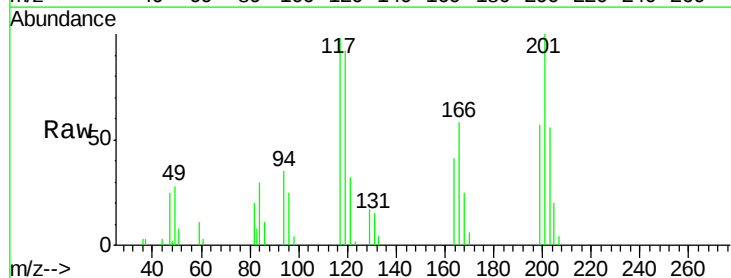
Tgt Ion:117 Resp: 13473

Ion Ratio Lower Upper

117 100

119 93.5 77.7 116.5

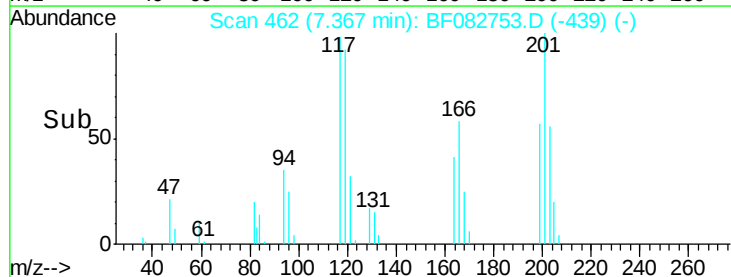
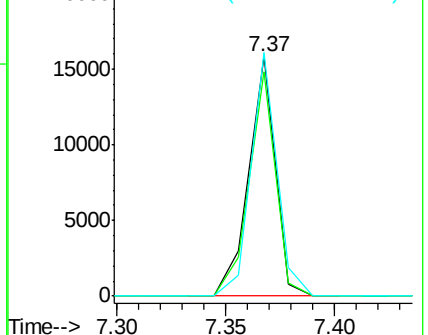
201 101.7 66.7 100.1#

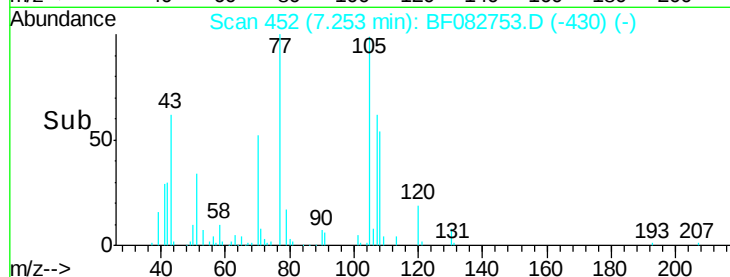
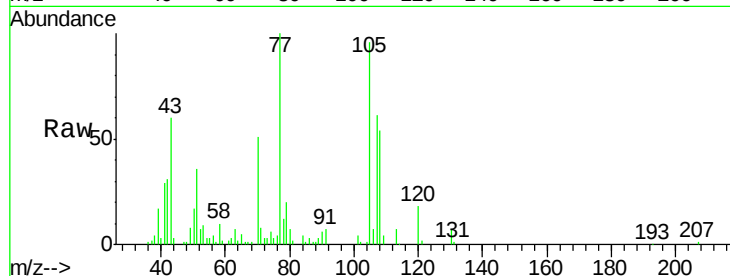
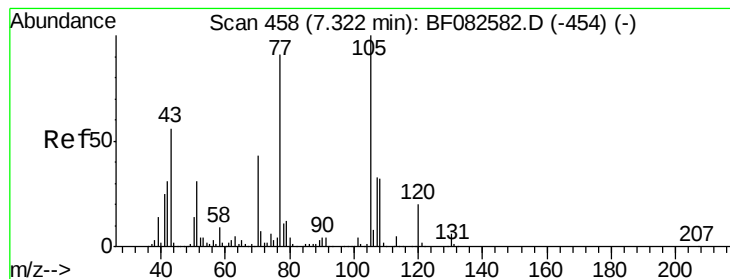


Abundance Ion 117.00 (116.70 to 117.70): E

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: 2.74 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.05 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 26660

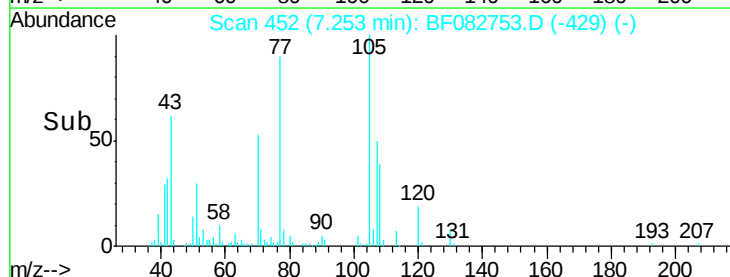
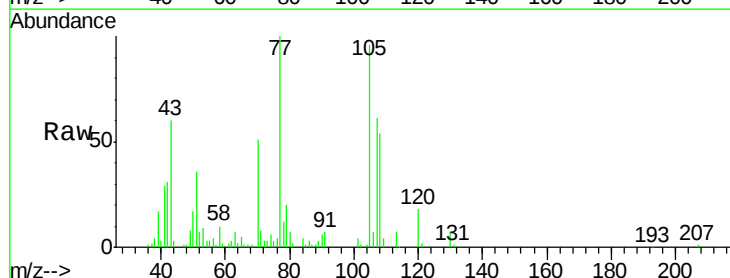
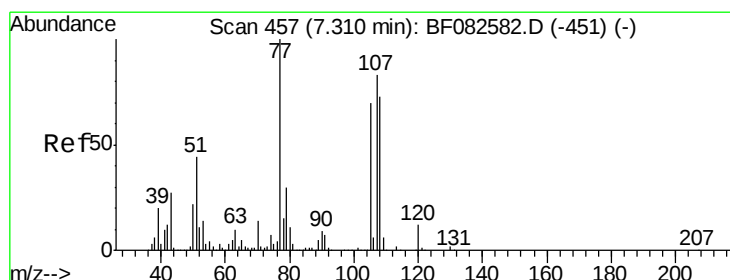
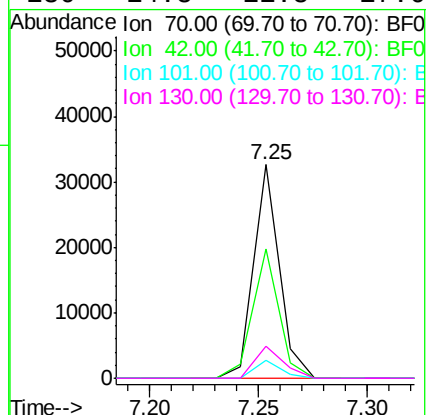
Ion Ratio Lower Upper

70 100

42 60.7 57.7 86.5

101 8.7 7.0 10.6

130 14.8 11.8 17.6



#20

3+4-Methylphenols

Concen: 2.93 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.03 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

Tgt Ion:107 Resp: 33787

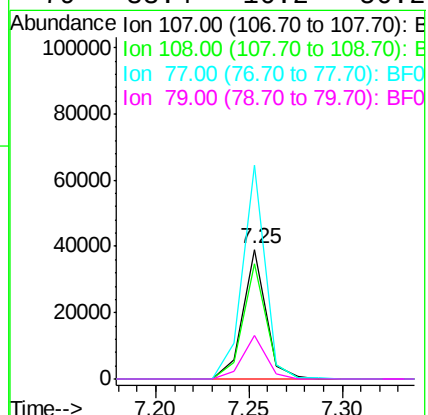
Ion Ratio Lower Upper

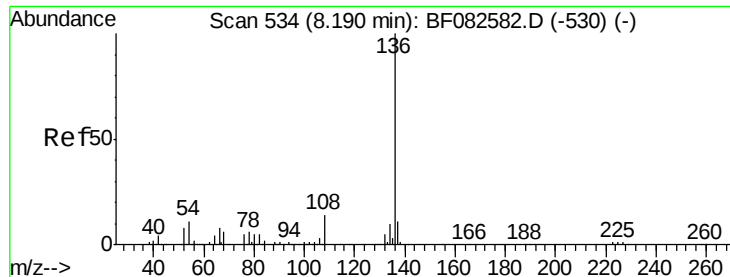
107 100

108 89.2 67.3 107.3

77 165.0 100.3 140.3#

79 33.4 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 592201

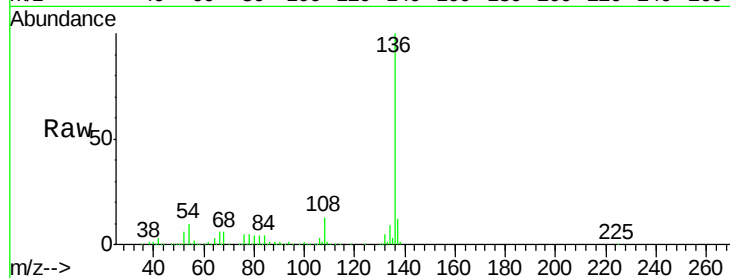
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.5 9.1 13.7

68 6.0 4.8 7.2

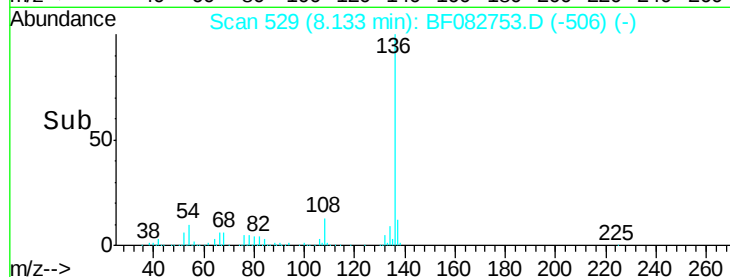


Abundance Ion 136.00 (135.70 to 136.70): E

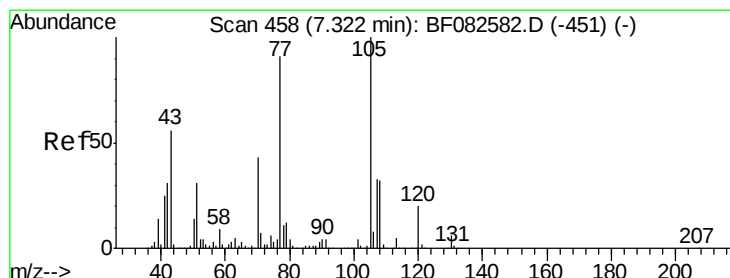
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 2.90 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.03 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

Tgt Ion:105 Resp: 50503

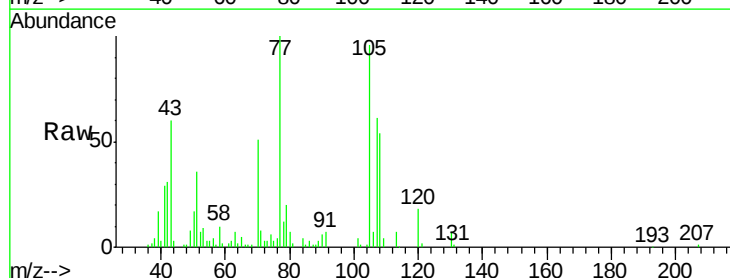
Ion Ratio Lower Upper

105 100

71 8.4 5.6 8.4#

51 37.2 24.9 37.3

120 18.9 15.8 23.8

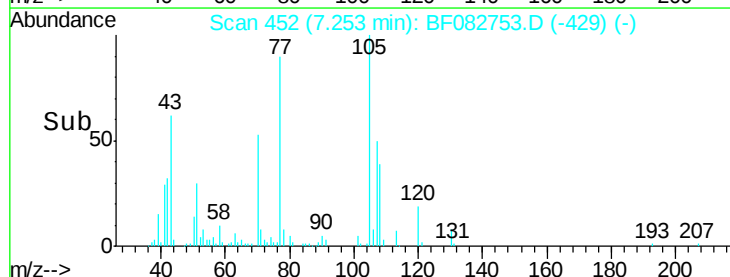


Abundance Ion 105.00 (104.70 to 105.70): E

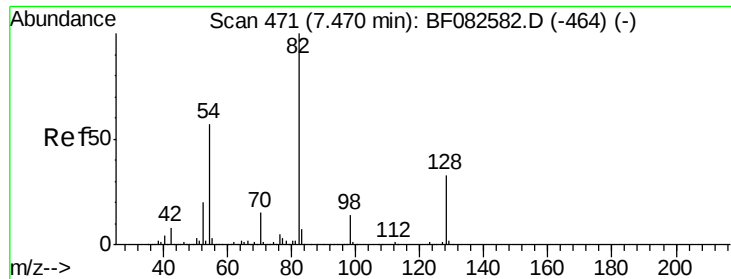
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



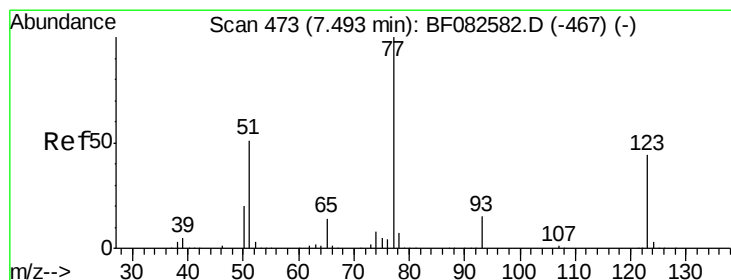
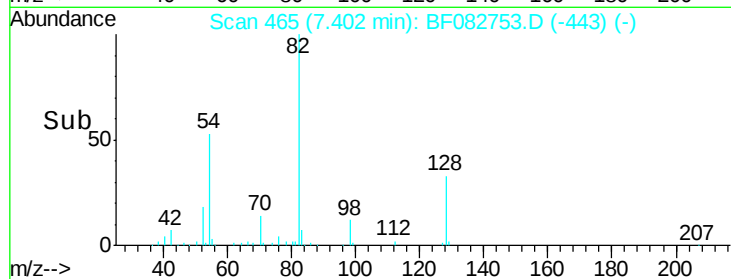
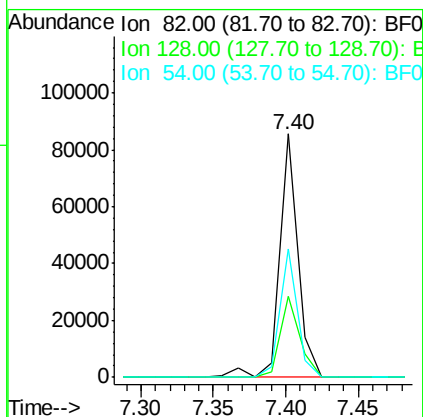
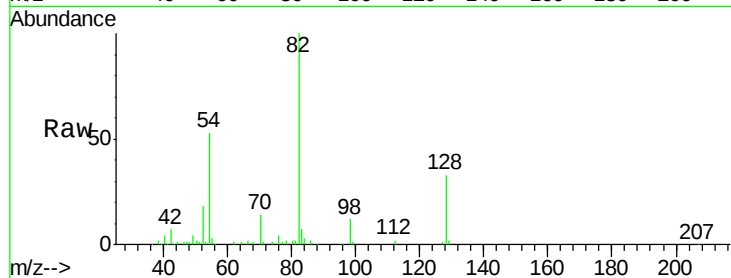
Time-->



#23
Nitrobenzene-d5
Concen: 5.16 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

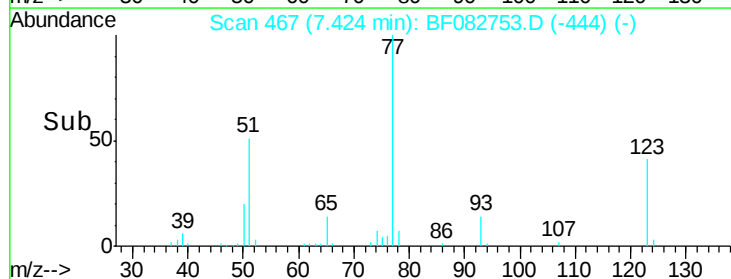
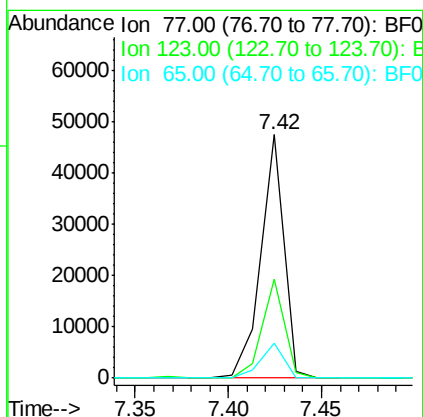
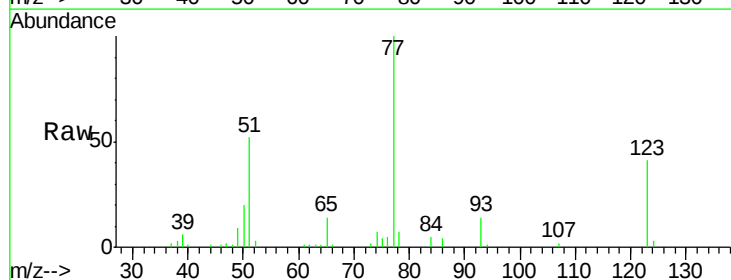
Instrument :
BNA_F
ClientSampleId :

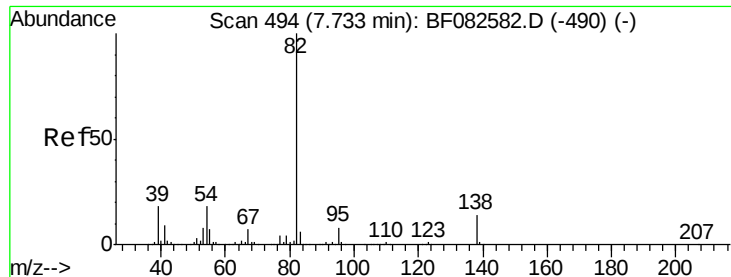
Tot Ion: 82 Resp: 74778
Ion Ratio Lower Upper
82 100
128 33.1 26.8 40.2
54 52.7 45.7 68.5



#24
Nitrobenzene
Concen: 2.77 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.03 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Tgt Ion: 77 Resp: 40550
Ion Ratio Lower Upper
77 100
123 40.5 36.4 54.6
65 14.1 11.5 17.3





#25

Isophorone

Concen: 2.73 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.05 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

Instrument :

BNA_F

ClientSampled :

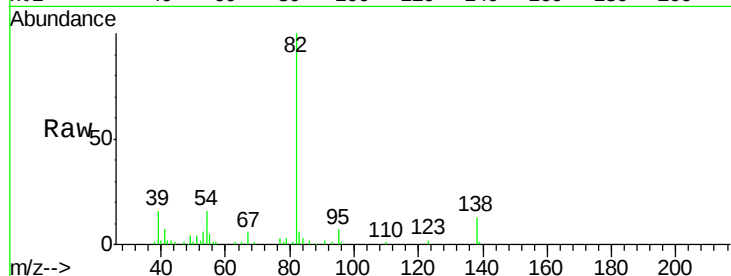
Tot Ion: 82 Resp: 72780

Ion Ratio Lower Upper

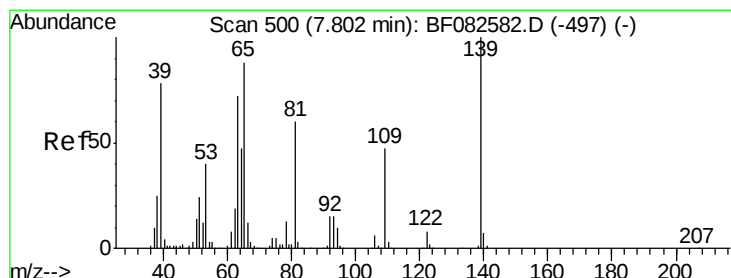
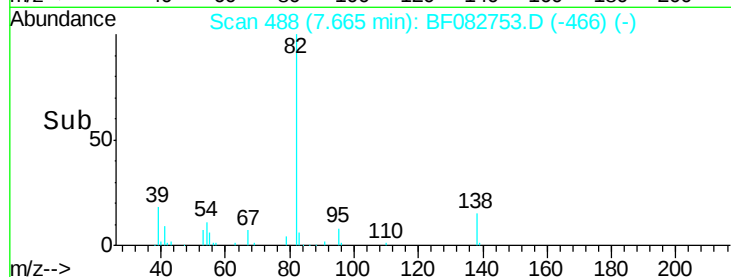
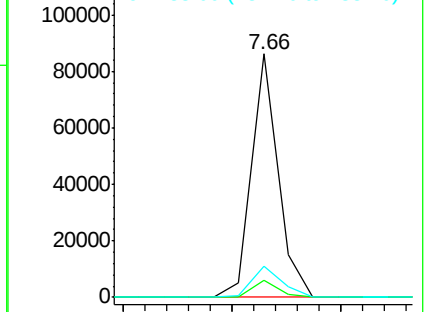
82 100

95 6.9 6.6 9.8

138 12.7 11.4 17.0



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: 2.64 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.03 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

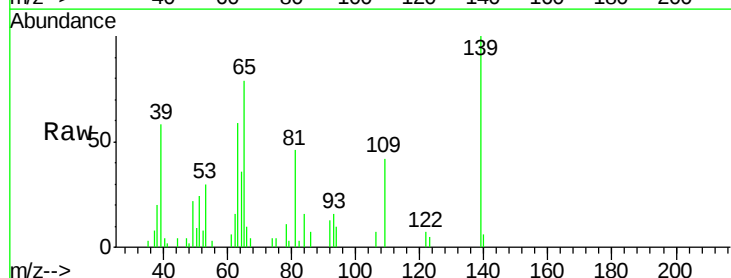
Tgt Ion: 139 Resp: 14121

Ion Ratio Lower Upper

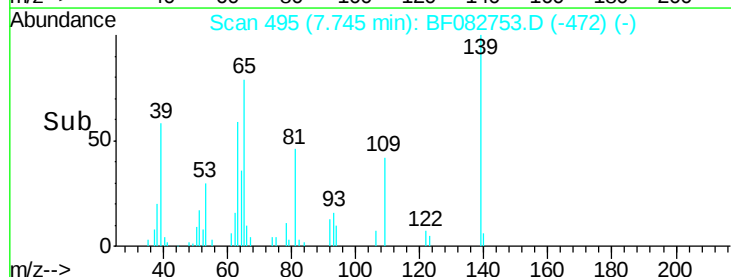
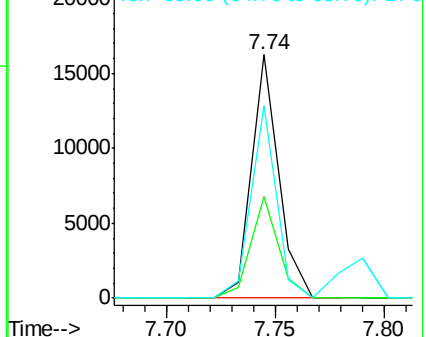
139 100

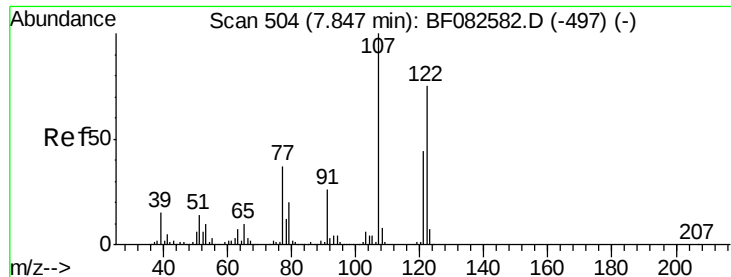
109 41.9 37.6 56.4

65 79.3 70.6 105.8



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: 2.83 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.03 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

Instrument :

BNA_F

ClientSampled :

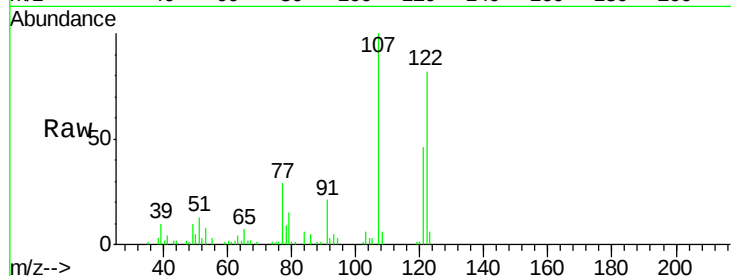
Tot Ion:122 Resp: 29633

Ion Ratio Lower Upper

122 100

107 122.1 106.0 159.0

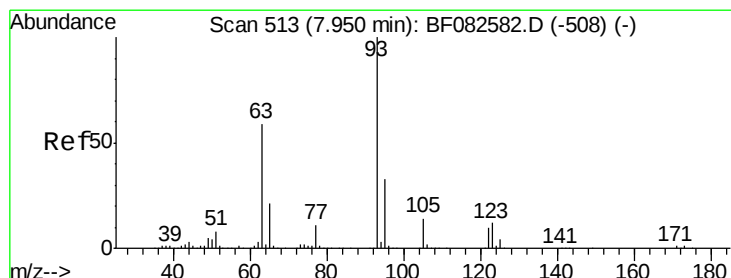
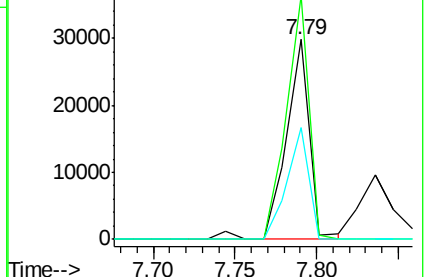
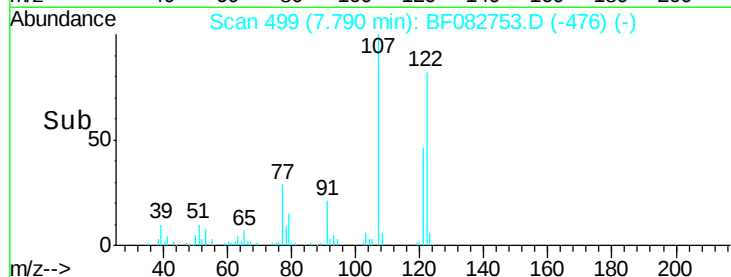
121 56.2 46.7 70.1



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: 2.79 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

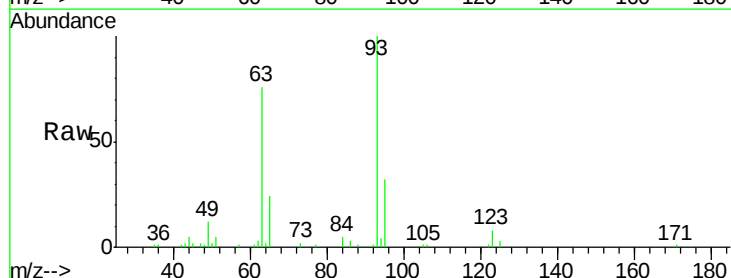
Tgt Ion: 93 Resp: 40695

Ion Ratio Lower Upper

93 100

95 31.8 26.6 40.0

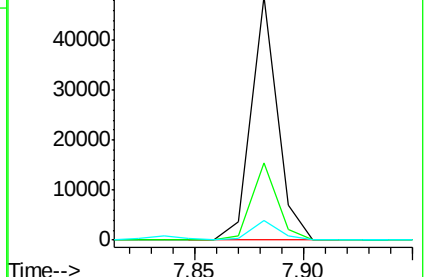
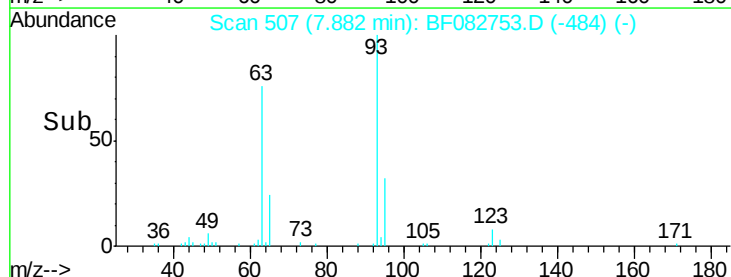
123 8.2 9.7 14.5#

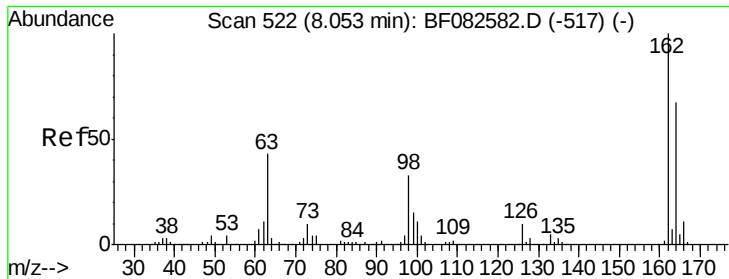


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

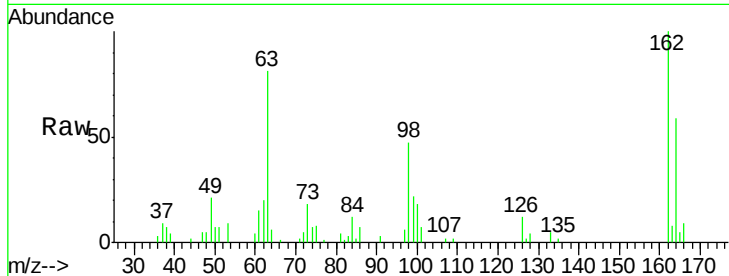




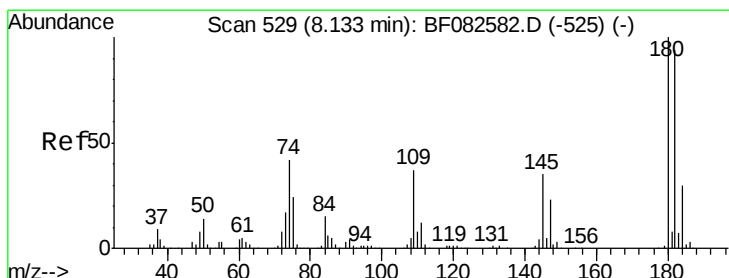
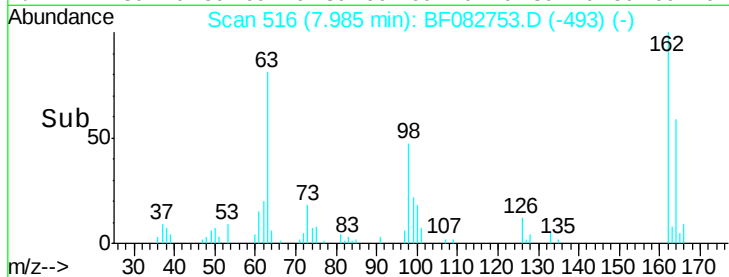
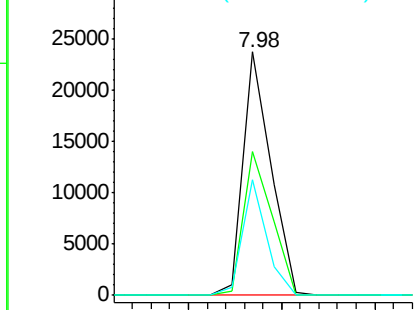
#29
 2,4-Dichlorophenol
 Concen: 2.58 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.03 min
 Lab File: BF082753.D
 Acq: 6 Nov 2015 11:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 24610
 Ion Ratio Lower Upper
 162 100
 164 58.9 46.8 86.8
 98 47.5 12.5 52.5

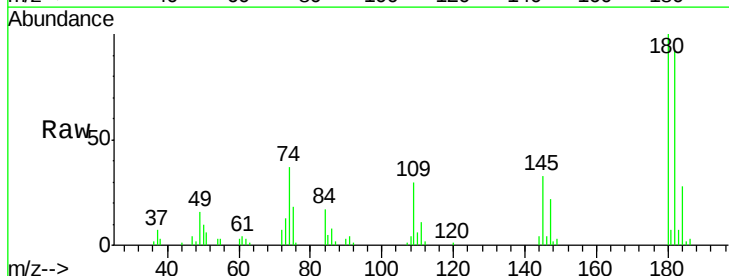


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

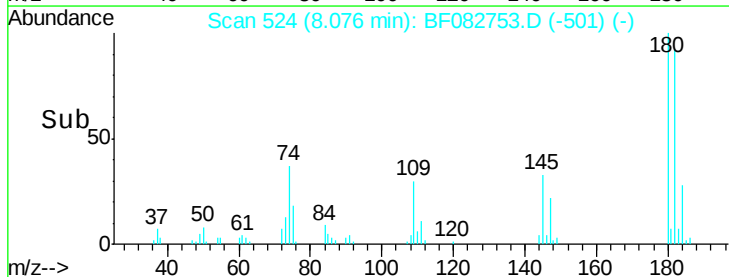
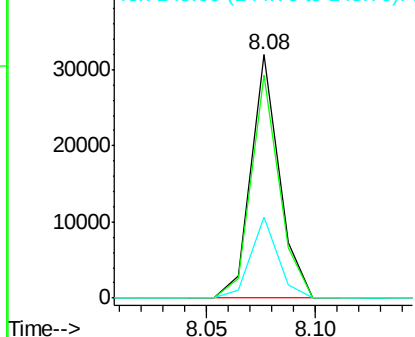


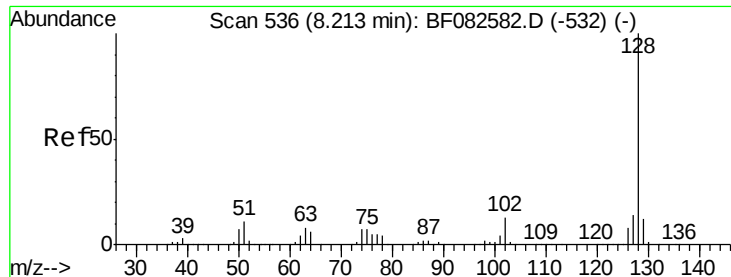
#30
 1,2,4-Trichlorobenzene
 Concen: 2.73 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF082753.D
 Acq: 6 Nov 2015 11:02

Tgt Ion:180 Resp: 28850
 Ion Ratio Lower Upper
 180 100
 182 91.7 74.9 112.3
 145 33.4 27.8 41.8



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

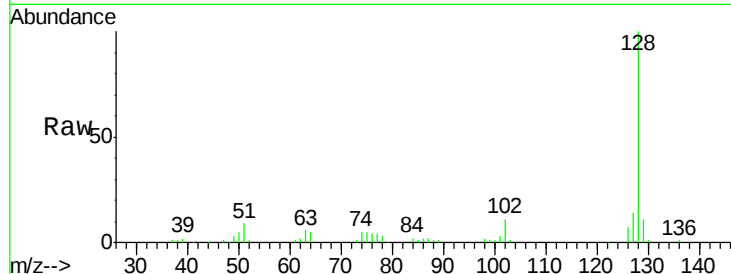




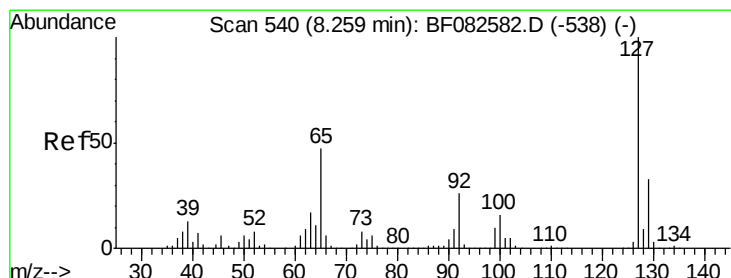
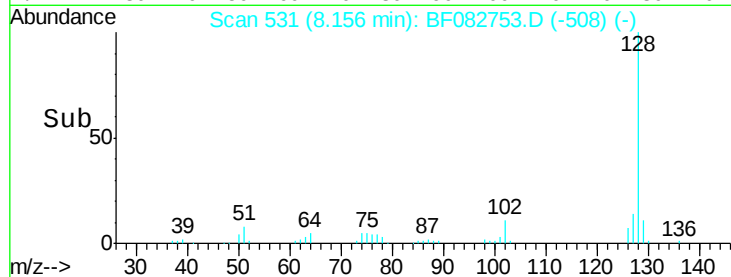
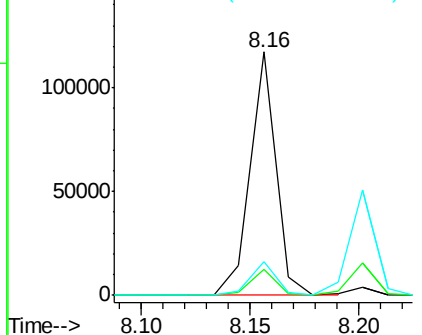
#31
Naphthalene
Concen: 3.01 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 96523
Ion Ratio Lower Upper
128 100
129 10.7 9.5 14.3
127 13.8 11.4 17.0

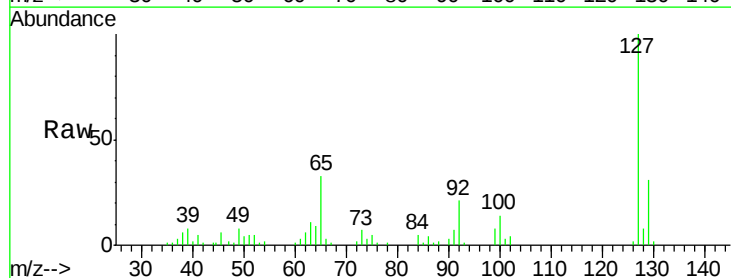


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

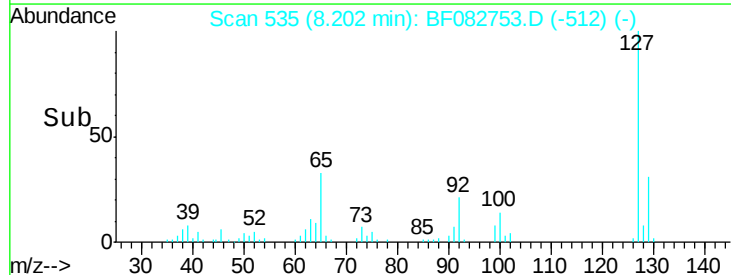
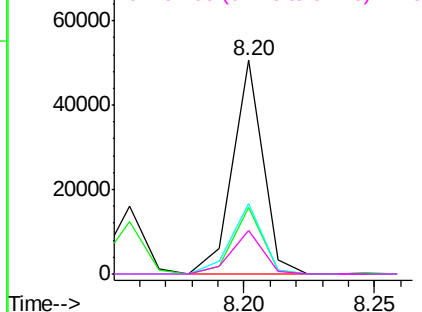


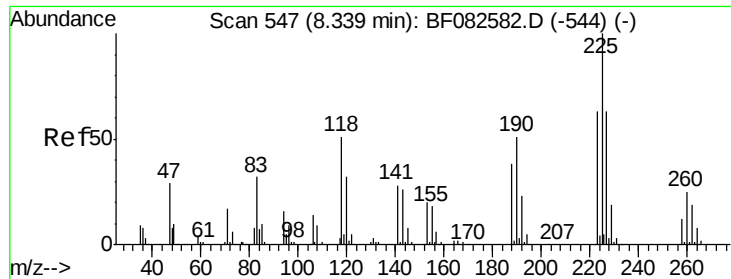
#33
4-Chloroaniline
Concen: 3.01 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.03 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Tgt Ion:127 Resp: 41195
Ion Ratio Lower Upper
127 100
129 31.1 26.3 39.5
65 33.1 37.8 56.8#
92 20.7 20.6 31.0



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

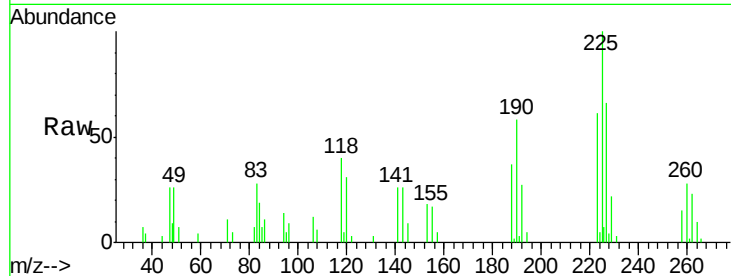




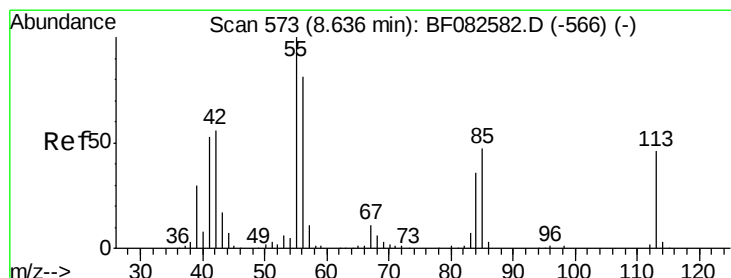
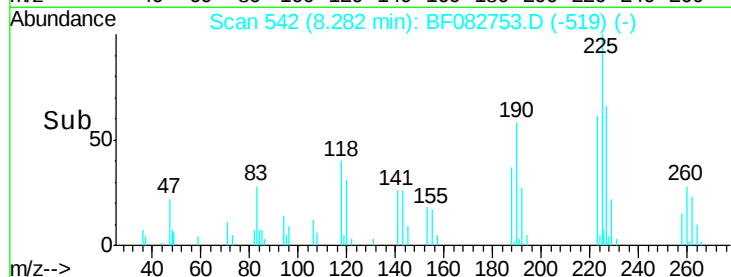
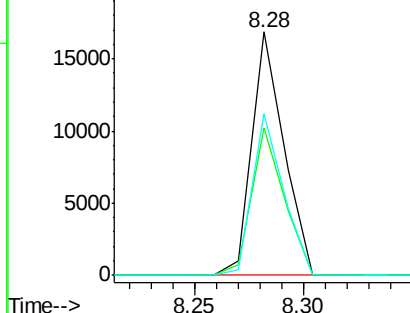
#34
Hexachlorobutadiene
Concen: 2.57 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.03 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:225 Resp: 17264
Ion Ratio Lower Upper
225 100
223 60.8 50.5 75.7
227 66.3 50.2 75.2

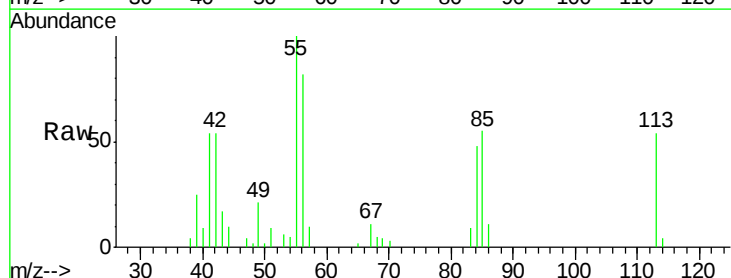


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

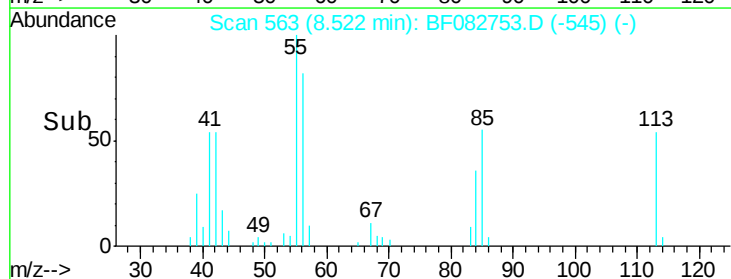
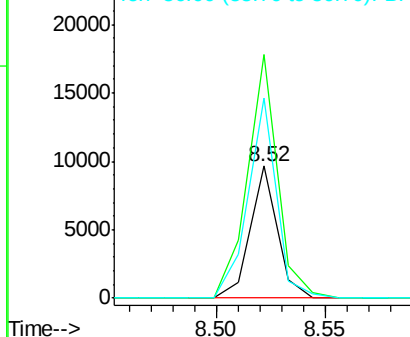


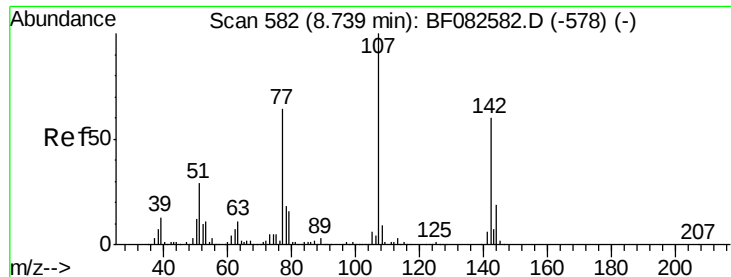
#35
Caprolactam
Concen: 2.85 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.09 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Tgt Ion:113 Resp: 8333
Ion Ratio Lower Upper
113 100
55 184.7 195.5 235.5#
56 151.3 153.5 193.5#



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

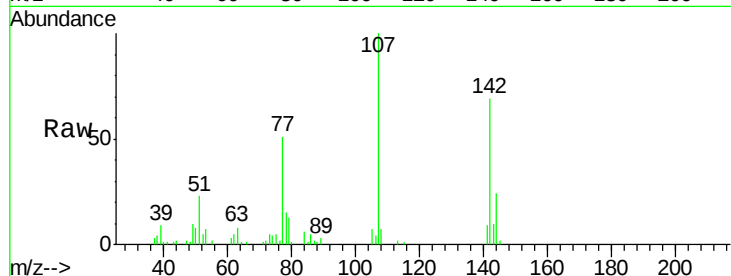




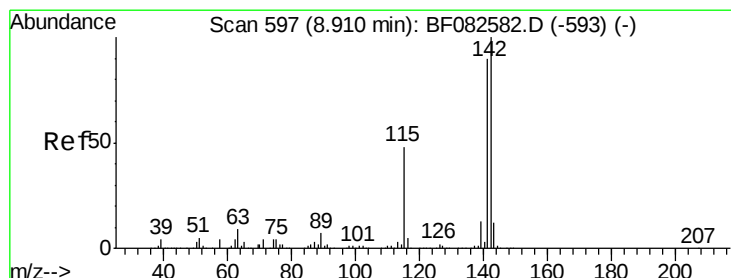
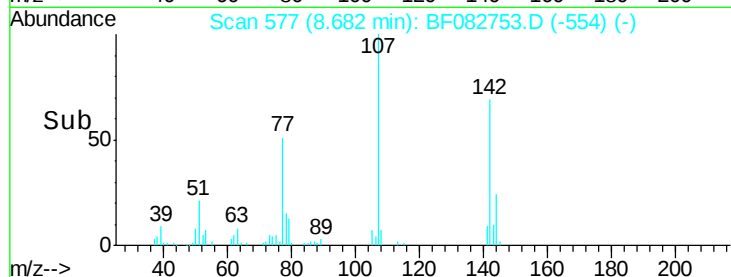
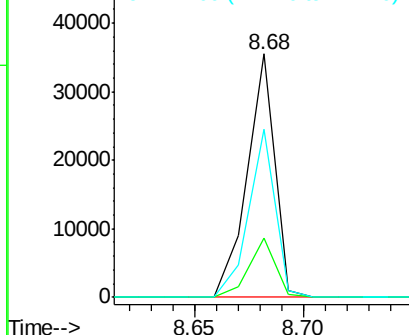
#36
4-Chloro-3-methylphenol
Concen: 2.78 ng
RT: 8.68 min Scan# 577
Delta R.T. -0.03 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 31187
Ion Ratio Lower Upper
107 100
144 24.2 15.4 23.0#
142 69.1 47.8 71.8

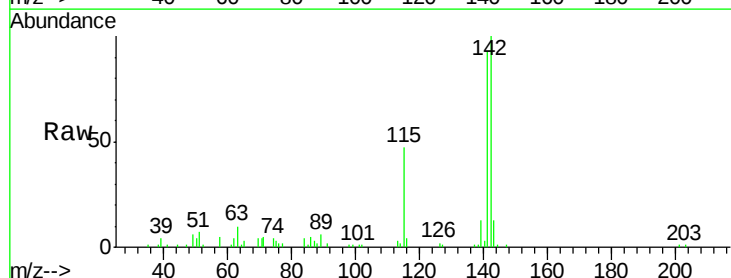


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

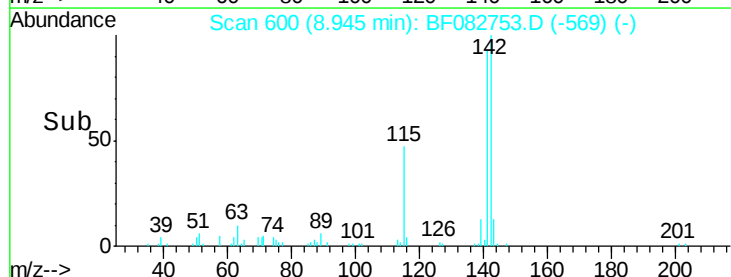
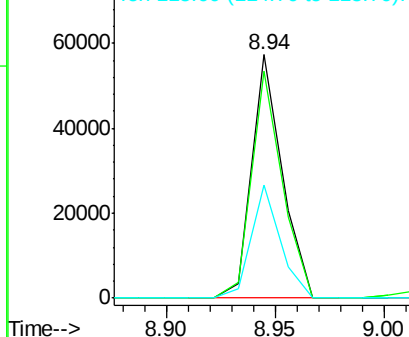


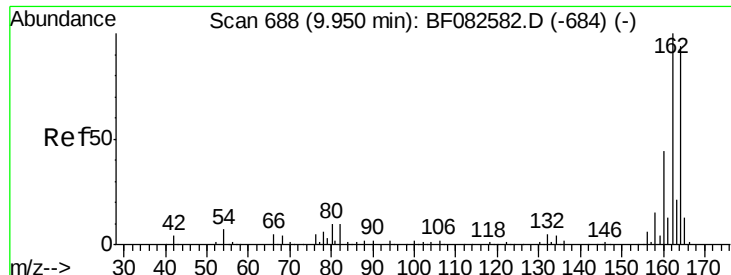
#37
2-Methylnaphthalene
Concen: 2.69 ng
RT: 8.94 min Scan# 600
Delta R.T. 0.06 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Tgt Ion:142 Resp: 55945
Ion Ratio Lower Upper
142 100
141 93.1 72.3 108.5
115 46.7 38.1 57.1



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

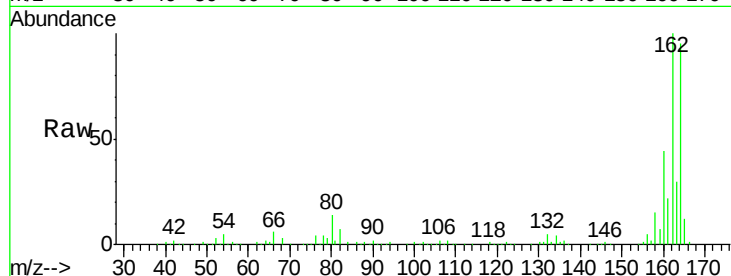




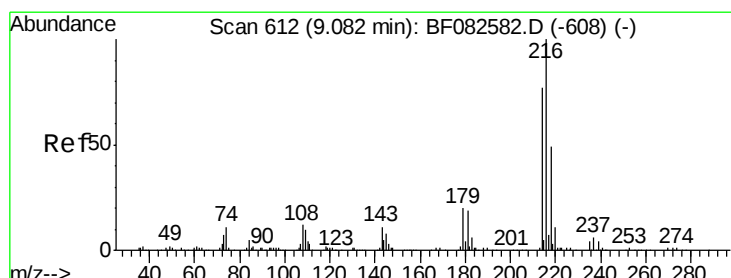
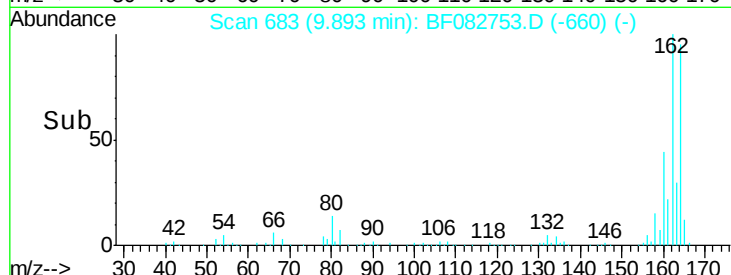
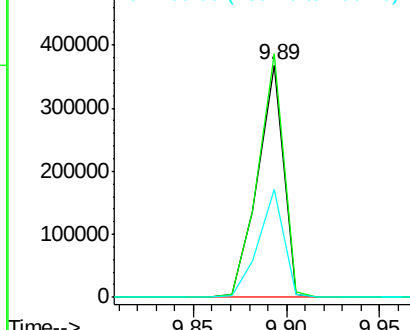
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 352485
Ion Ratio Lower Upper
164 100
162 104.8 84.9 127.3
160 46.6 37.5 56.3

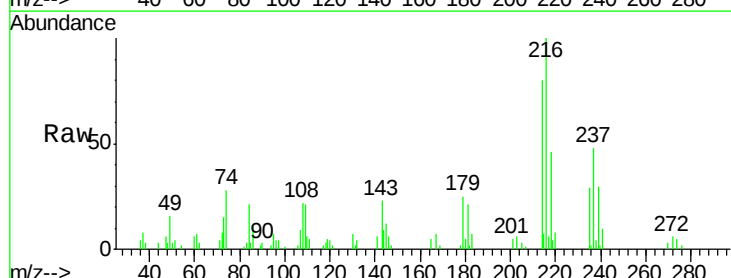


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

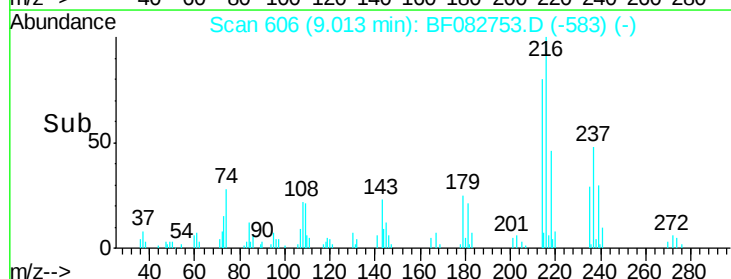
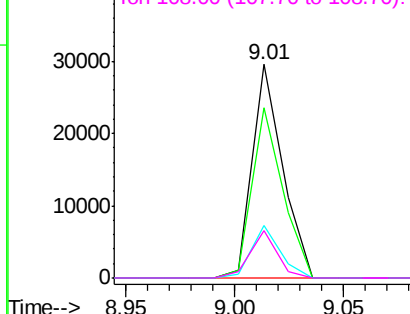


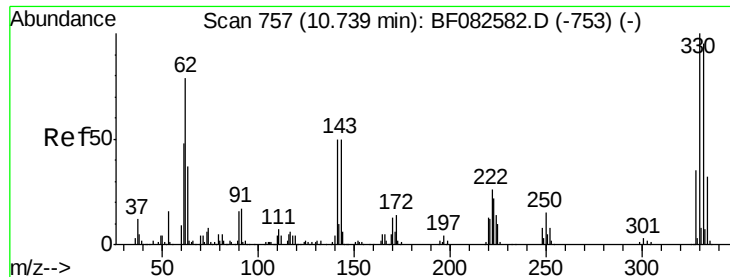
#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.44 ng
RT: 9.01 min Scan# 606
Delta R.T. -0.03 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Tgt Ion:216 Resp: 28670
Ion Ratio Lower Upper
216 100
214 80.7 62.2 93.2
179 23.4 18.1 27.1
108 19.9 16.6 25.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

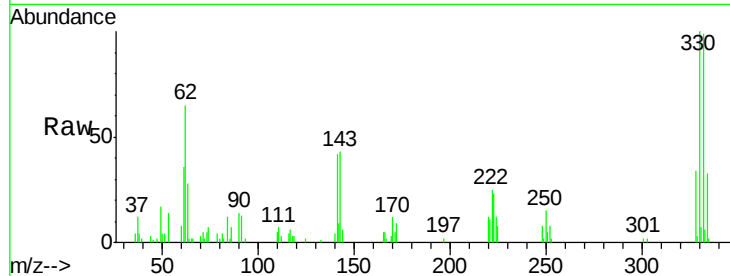




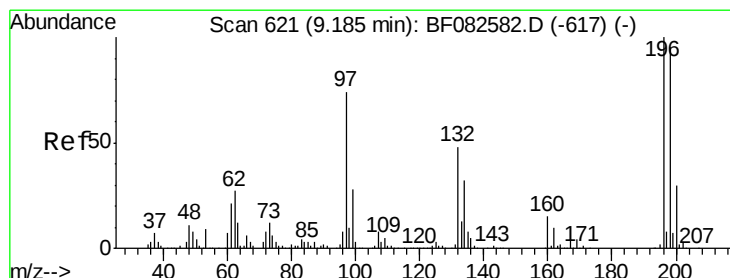
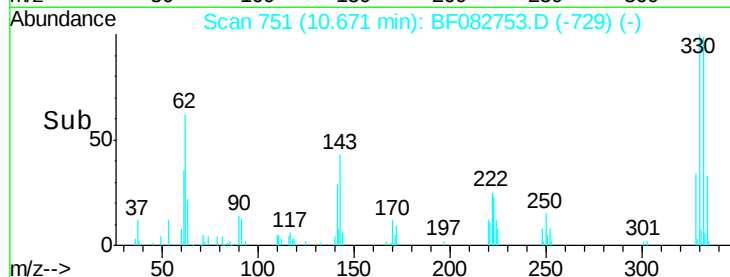
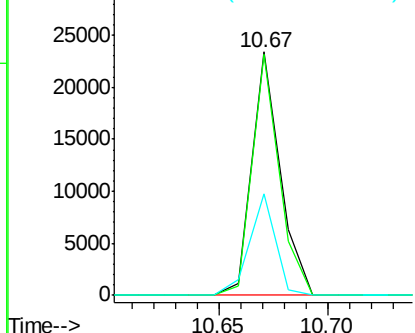
#41
 2,4,6-Tribromophenol
 Concen: 5.48 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF082753.D
 Acq: 6 Nov 2015 11:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 21126
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 38.7 41.2 61.8#

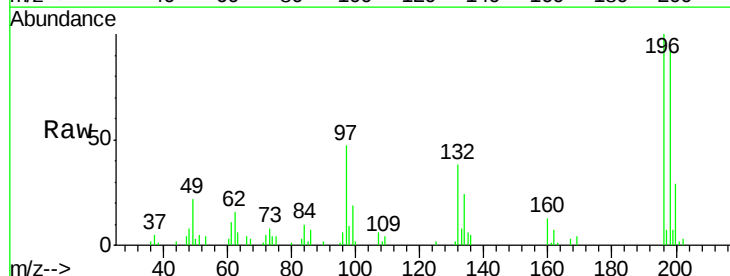


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

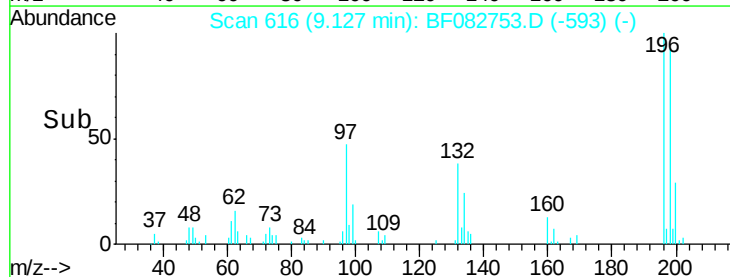
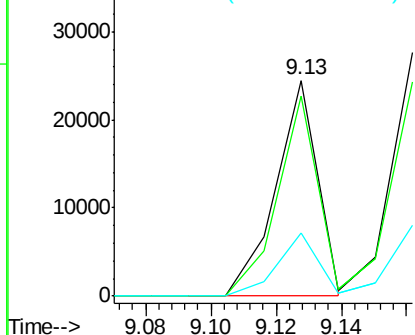


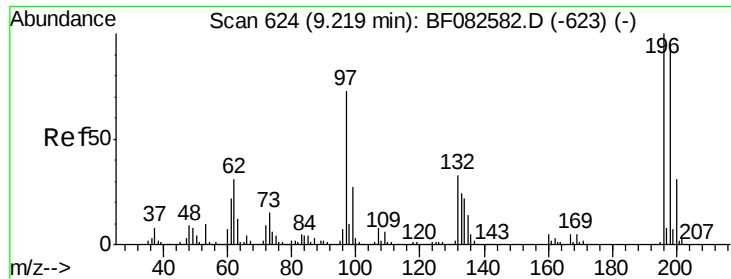
#42
 2,4,6-Trichlorophenol
 Concen: 2.57 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF082753.D
 Acq: 6 Nov 2015 11:02

Tgt Ion:196 Resp: 21810
 Ion Ratio Lower Upper
 196 100
 198 92.7 76.3 114.5
 200 29.2 23.9 35.9



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

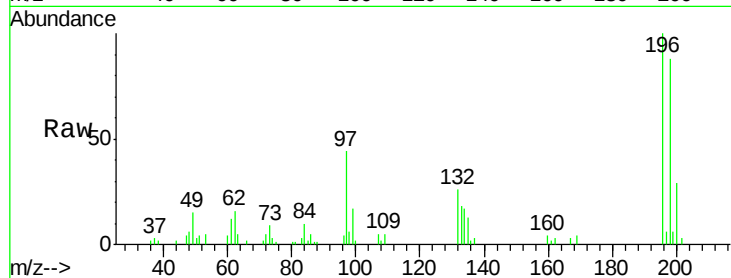




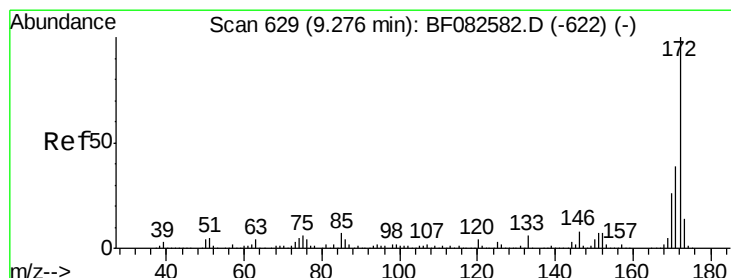
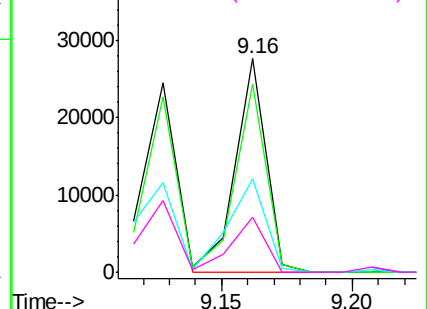
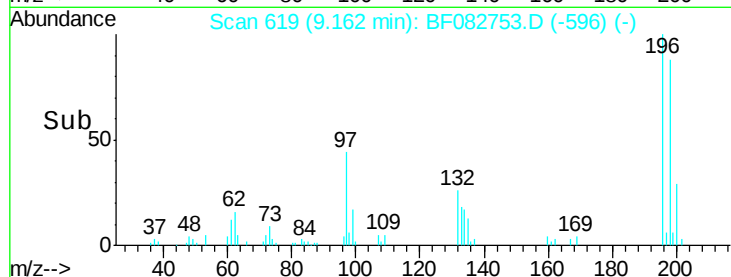
#43
2,4,5-Trichlorophenol
Concen: 2.67 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.03 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 22634
Ion Ratio Lower Upper
196 100
198 88.0 75.8 113.8
97 43.7 62.3 93.5#
132 26.0 27.4 41.2#

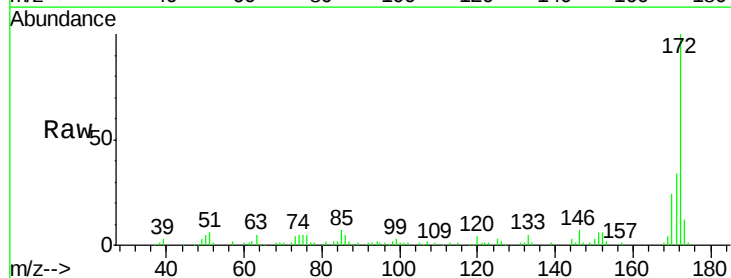


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

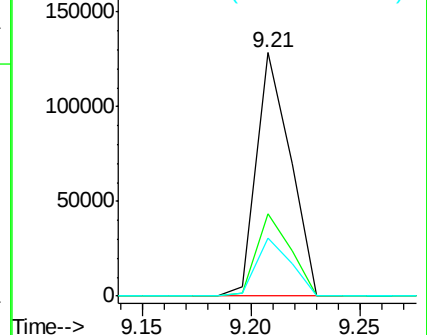
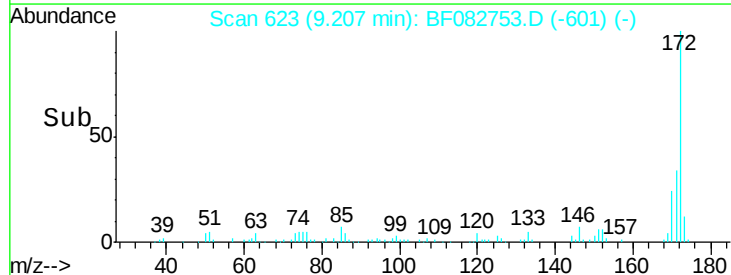


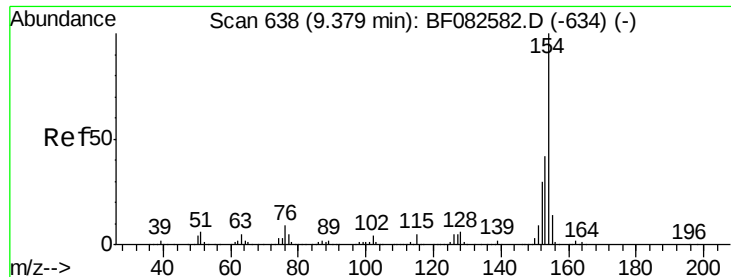
#44
2-Fluorobiphenyl
Concen: 5.62 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.05 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Tgt Ion:172 Resp: 139553
Ion Ratio Lower Upper
172 100
171 33.8 30.8 46.2
170 23.6 21.2 31.8



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





#45

1,1'-Biphenyl

Concen: 2.87 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.03 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

Instrument :

BNA_F

ClientSampled :

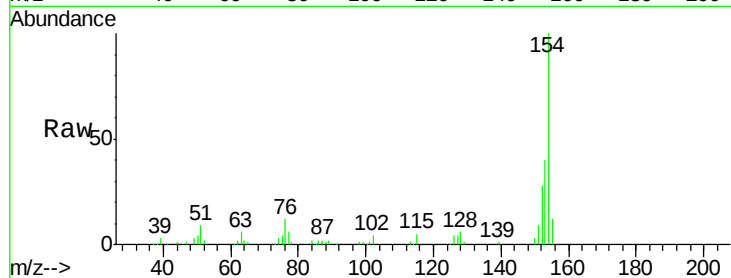
Tot Ion:154 Resp: 85362

Ion Ratio Lower Upper

154 100

153 39.9 22.0 62.0

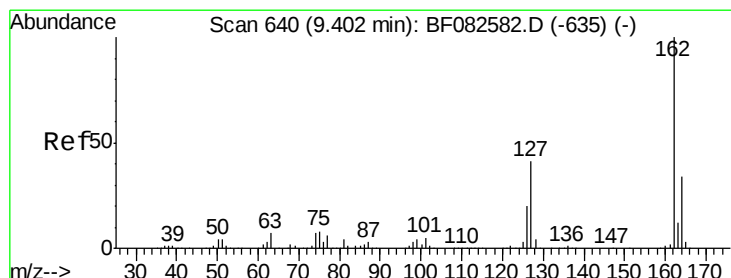
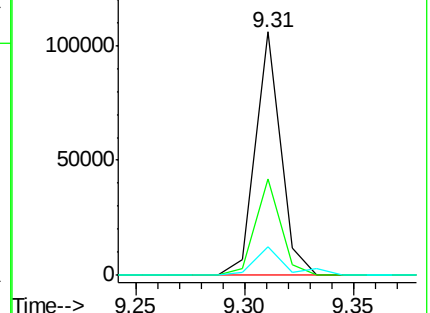
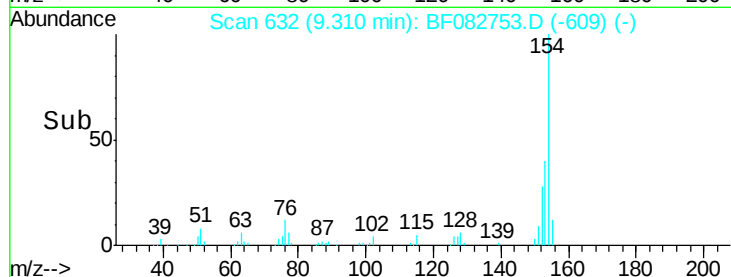
76 11.7 0.0 29.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 2.81 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

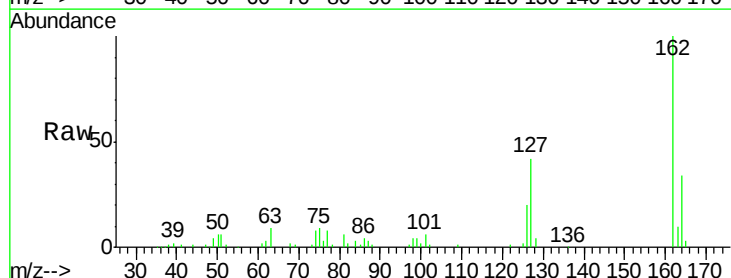
Tgt Ion:162 Resp: 65439

Ion Ratio Lower Upper

162 100

127 42.1 32.7 49.1

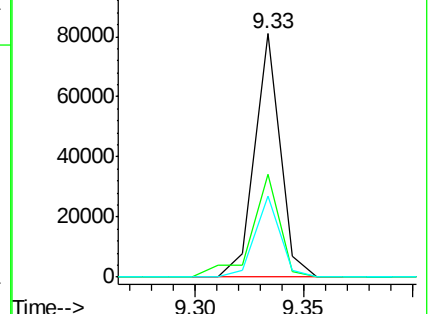
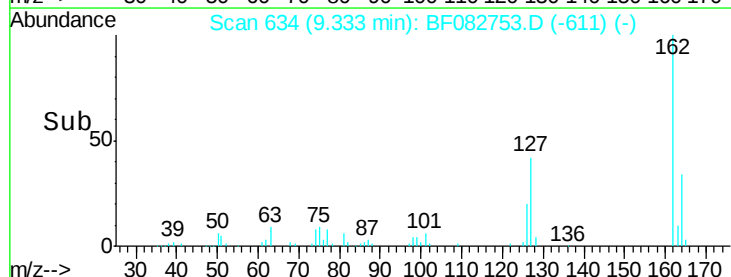
164 33.5 27.4 41.0

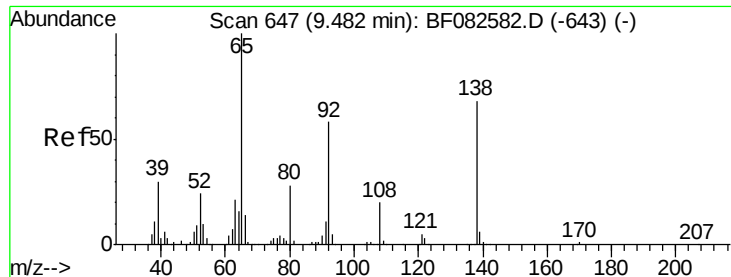


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

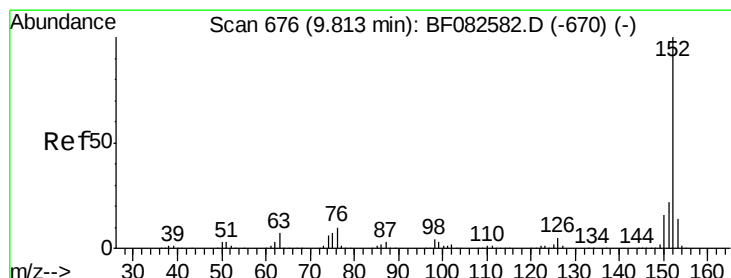
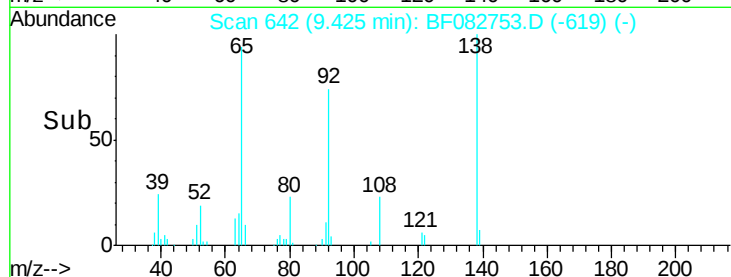
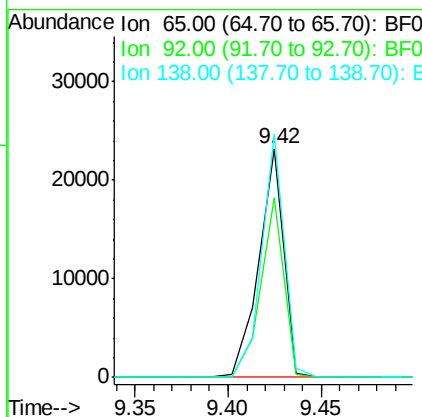
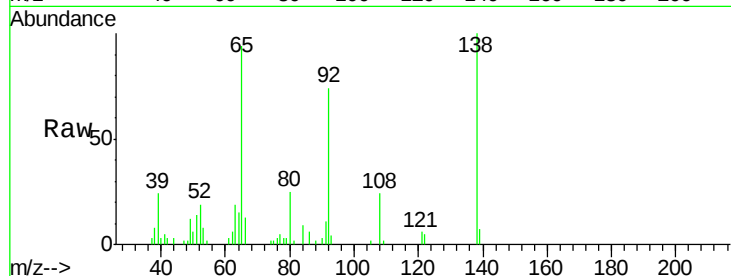




#47
2-Nitroaniline
Concen: 2.35 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.03 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

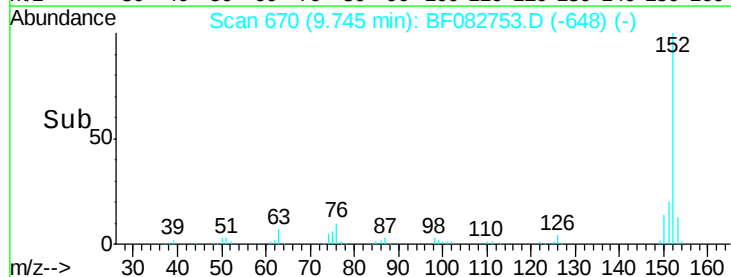
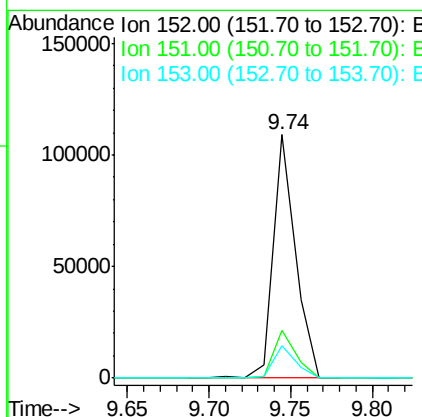
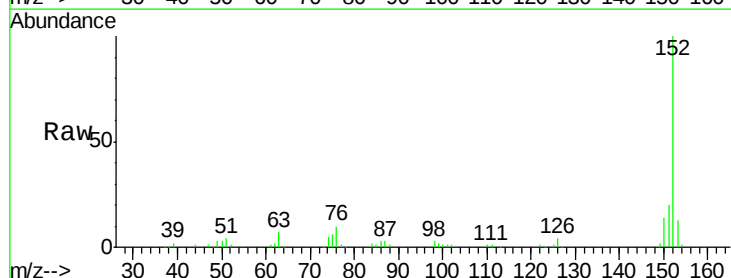
Instrument :
BNA_F
ClientSampleId :

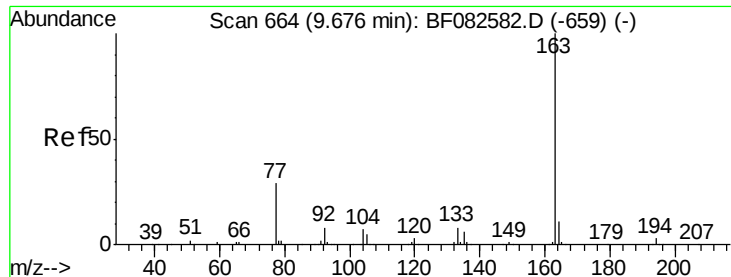
Tot Ion: 65 Resp: 21225
Ion Ratio Lower Upper
65 100
92 78.7 46.6 70.0#
138 106.5 54.6 81.8#



#48
Acenaphthylene
Concen: 2.77 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.05 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Tgt Ion: 152 Resp: 103046
Ion Ratio Lower Upper
152 100
151 19.8 17.3 25.9
153 13.1 11.3 16.9

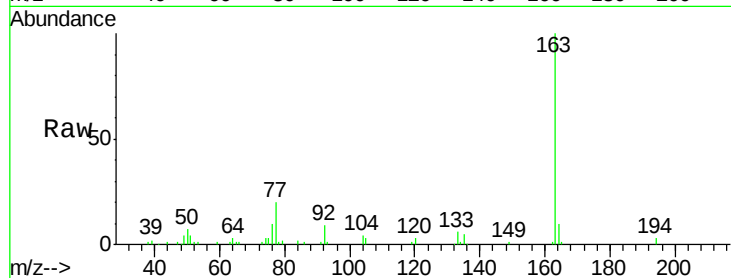




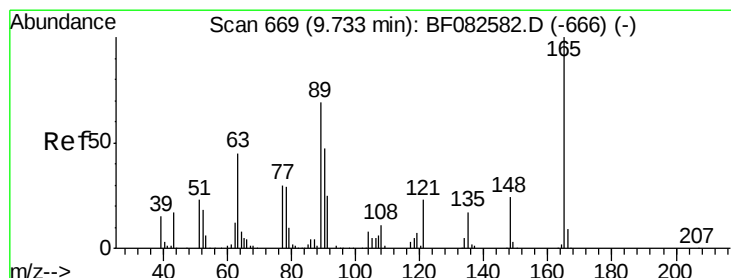
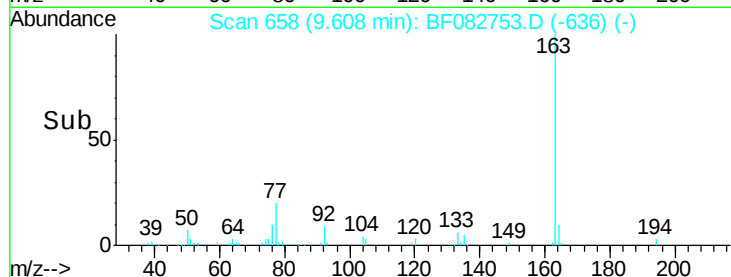
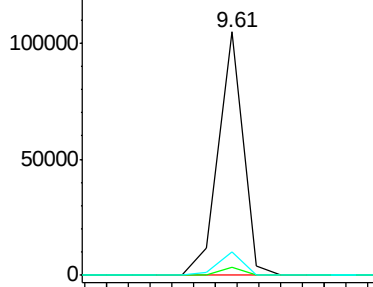
#49
Dimethylphthalate
Concen: 2.87 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.05 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 82668
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.6 8.7 13.1

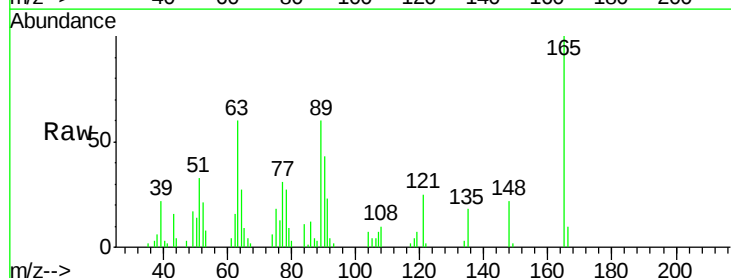


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

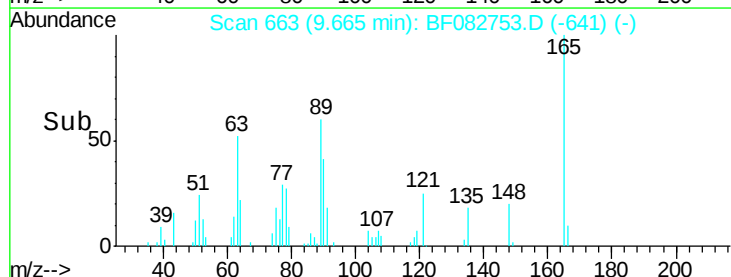
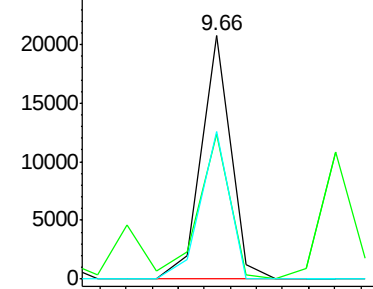


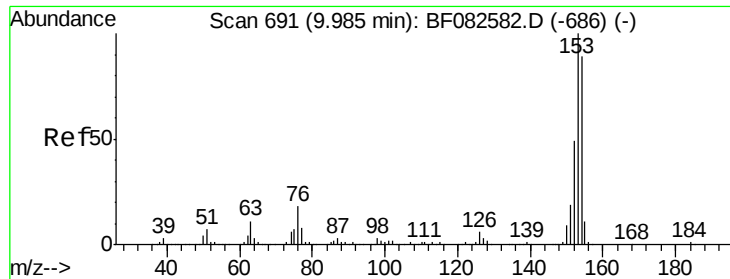
#50
2,6-Dinitrotoluene
Concen: 2.75 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.05 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Tgt Ion:165 Resp: 16421
Ion Ratio Lower Upper
165 100
63 59.8 55.5 83.3
89 60.4 55.0 82.6



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





#51

Acenaphthene

Concen: 2.51 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

Instrument :

BNA_F

ClientSampleId :

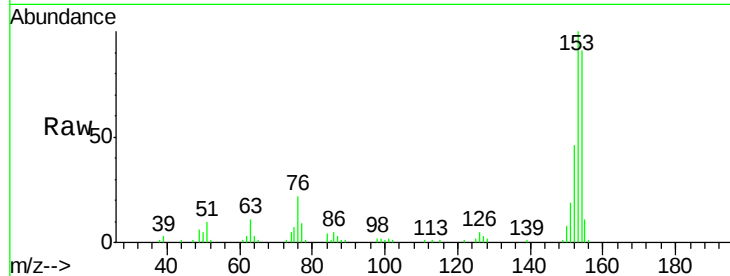
Tot Ion:154 Resp: 59240

Ion Ratio Lower Upper

154 100

153 110.1 90.1 135.1

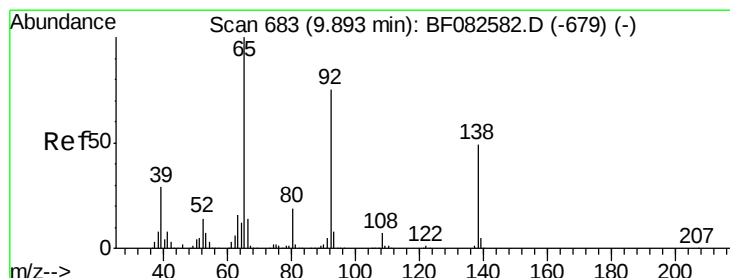
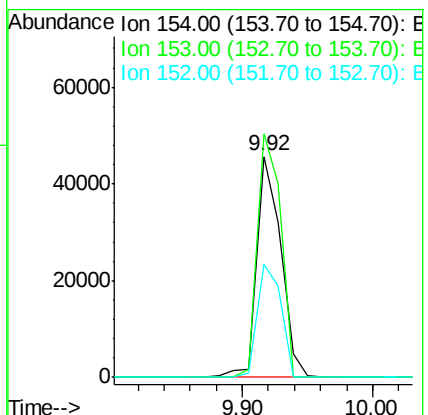
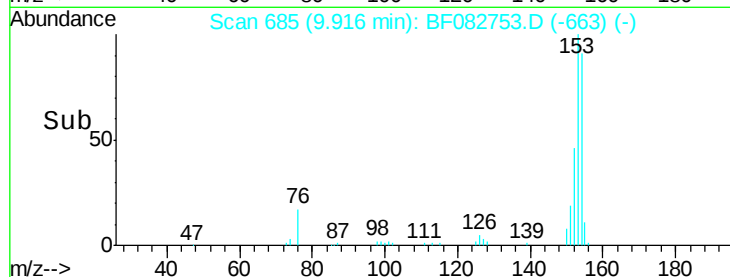
152 50.9 44.3 66.5



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: 2.54 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.05 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

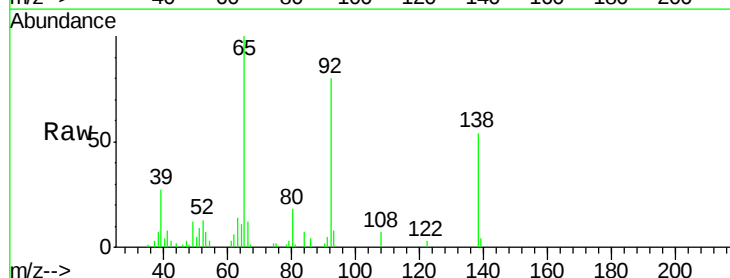
Tgt Ion:138 Resp: 16853

Ion Ratio Lower Upper

138 100

108 12.7 11.3 16.9

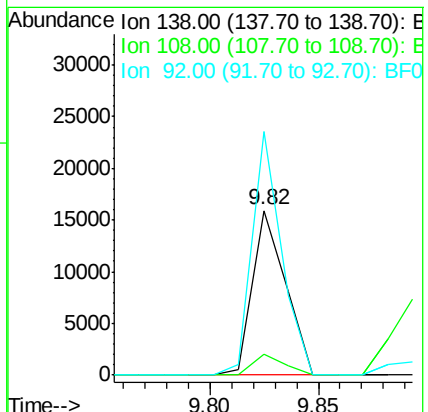
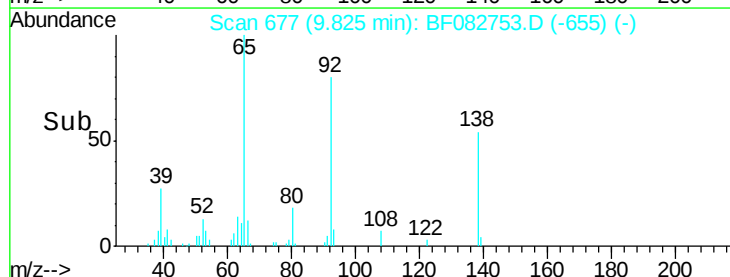
92 147.7 122.4 183.6

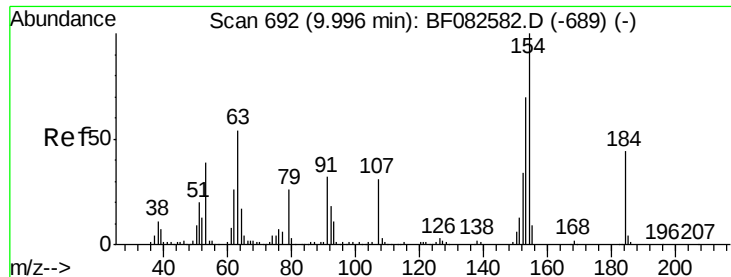


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

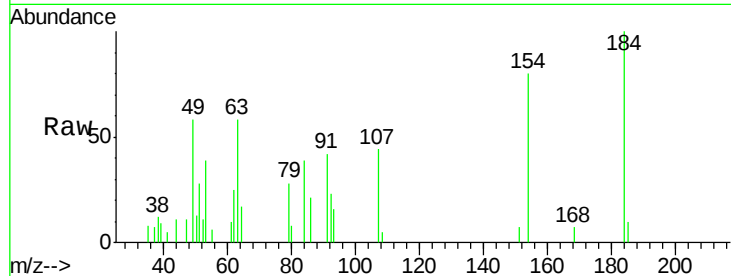




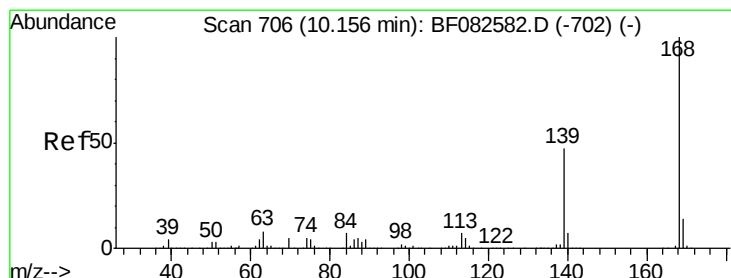
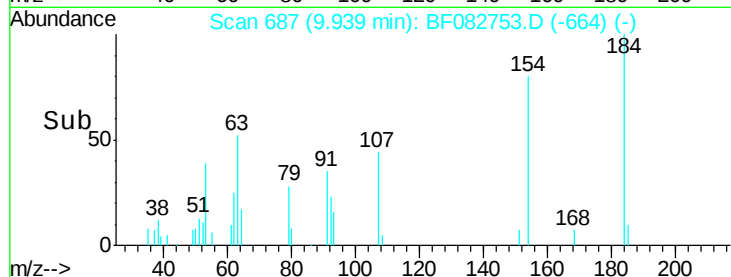
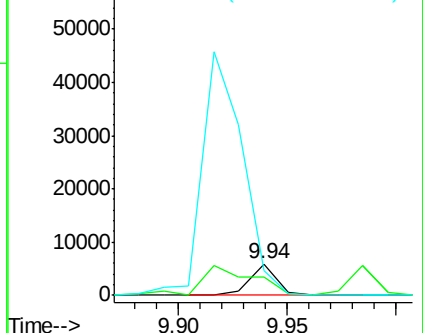
#53
2,4-Dinitrophenol
Concen: 8.13 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.03 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 4999
Ion Ratio Lower Upper
184 100
63 57.5 98.6 148.0#
154 80.2 183.9 275.9#

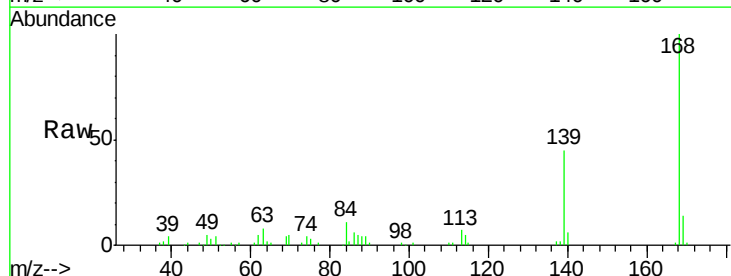


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

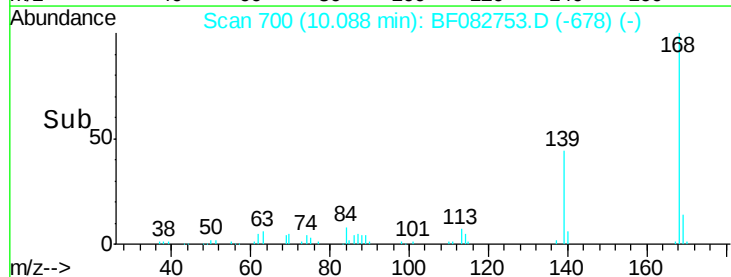
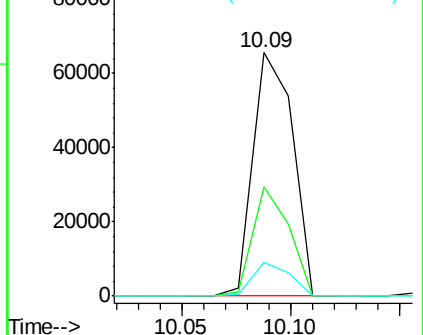


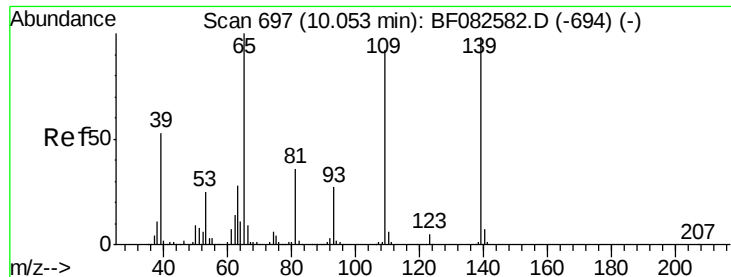
#54
Dibenzofuran
Concen: 2.61 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.05 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Tgt Ion:168 Resp: 83544
Ion Ratio Lower Upper
168 100
139 44.9 37.8 56.6
169 14.1 11.3 16.9



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

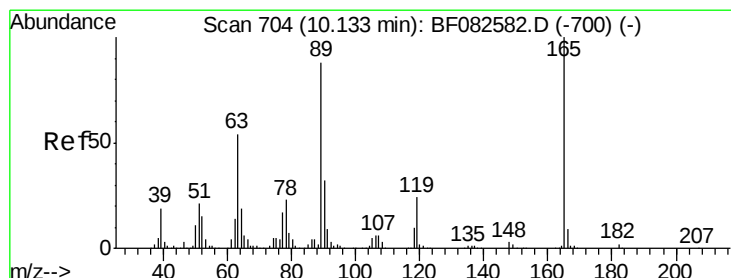
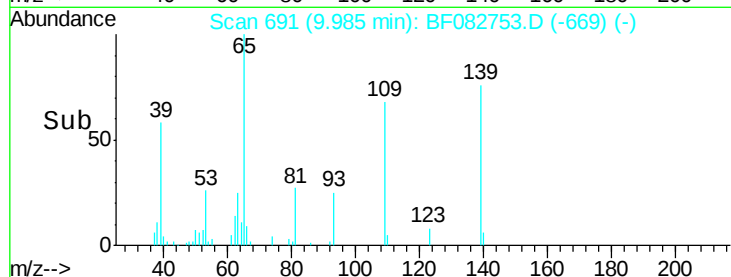
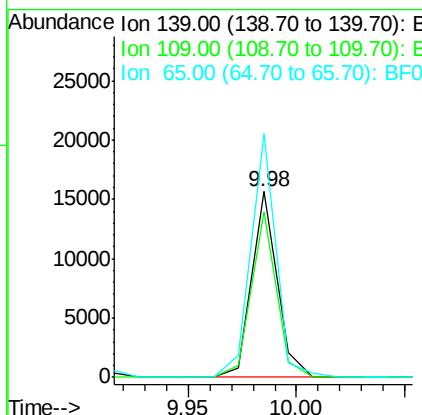
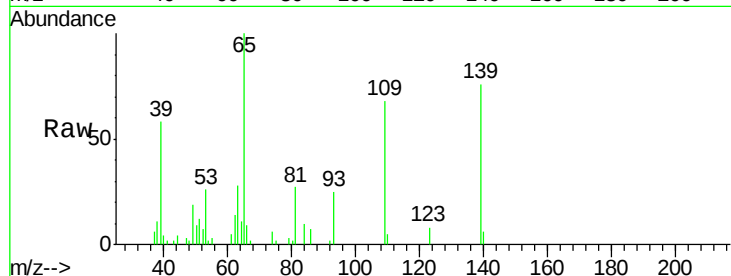




#55
4-Nitrophenol
Concen: 2.54 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.05 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

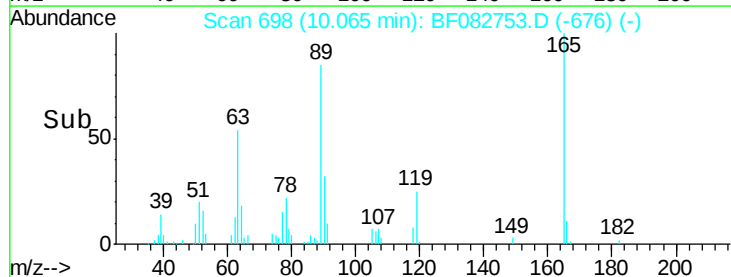
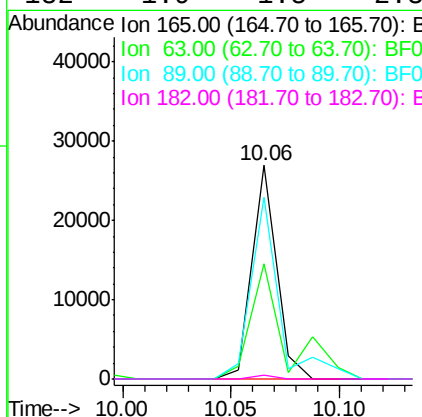
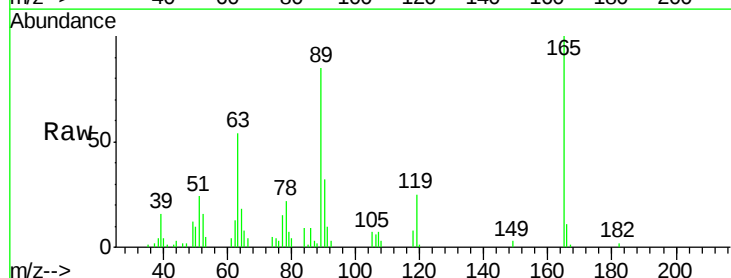
Instrument :
BNA_F
ClientSampleId :

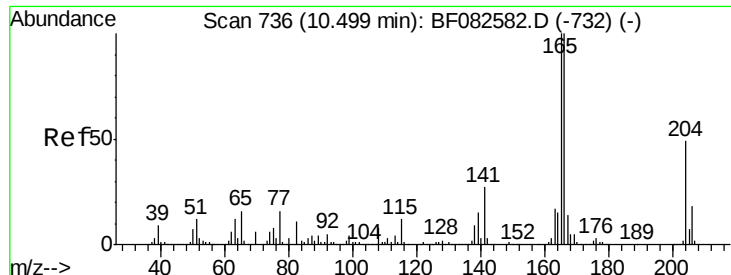
Tot Ion:139 Resp: 12691
Ion Ratio Lower Upper
139 100
109 89.2 73.7 113.7
65 131.3 82.9 122.9#



#56
2,4-Dinitrotoluene
Concen: 2.64 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.05 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Tgt Ion:165 Resp: 21300
Ion Ratio Lower Upper
165 100
63 54.1 43.4 65.0
89 84.8 70.6 106.0
182 1.9 1.5 2.3

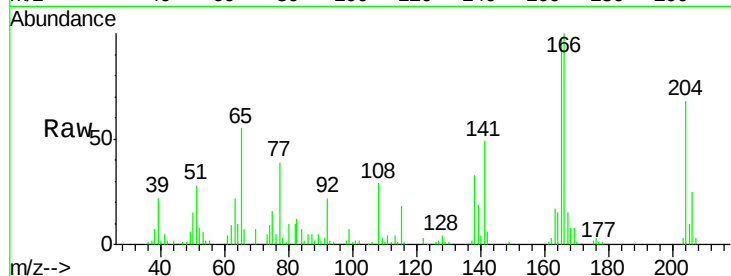




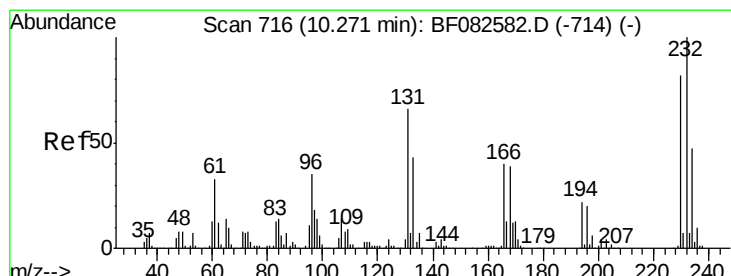
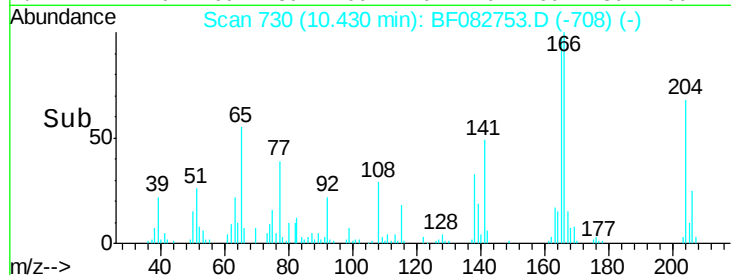
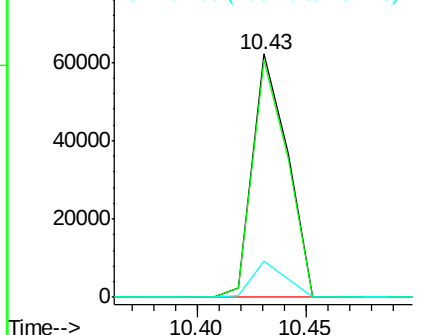
#57
 Fluorene
 Concen: 2.69 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.05 min
 Lab File: BF082753.D
 Acq: 6 Nov 2015 11:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 69378
 Ion Ratio Lower Upper
 166 100
 165 97.5 80.2 120.4
 167 14.6 11.2 16.8

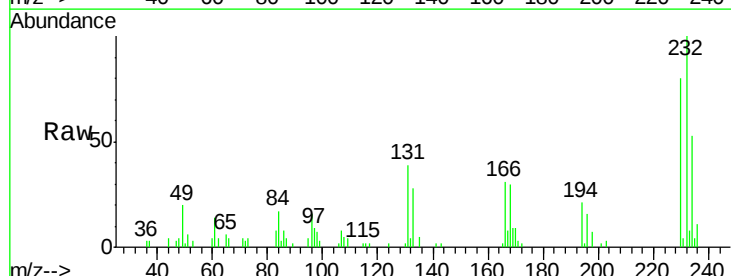


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

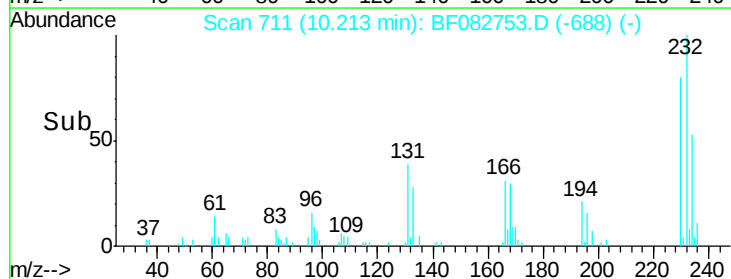
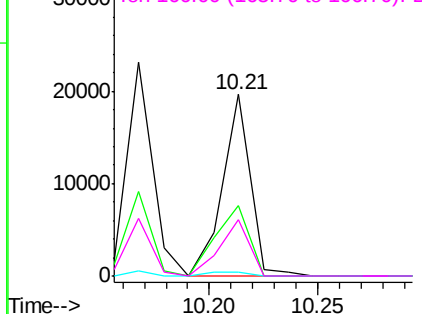


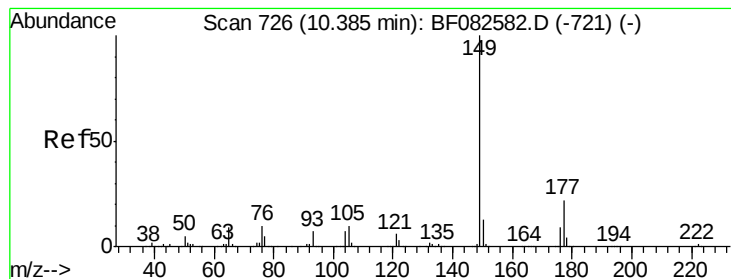
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.44 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF082753.D
 Acq: 6 Nov 2015 11:02

Tgt Ion:232 Resp: 17477
 Ion Ratio Lower Upper
 232 100
 131 46.3 46.2 69.2
 130 3.2 2.4 3.6
 166 32.9 28.2 42.2



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 2.50 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

Instrument :

BNA_F

ClientSampleId :

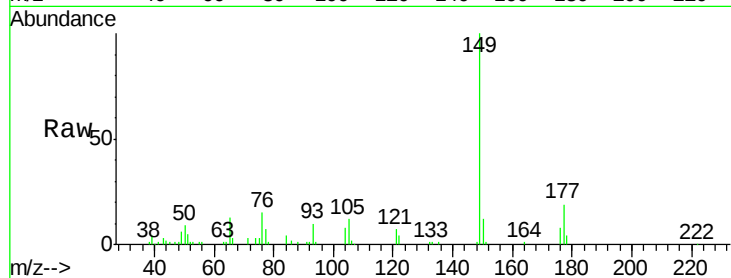
Tot Ion:149 Resp: 73165

Ion Ratio Lower Upper

149 100

177 19.2 17.9 26.9

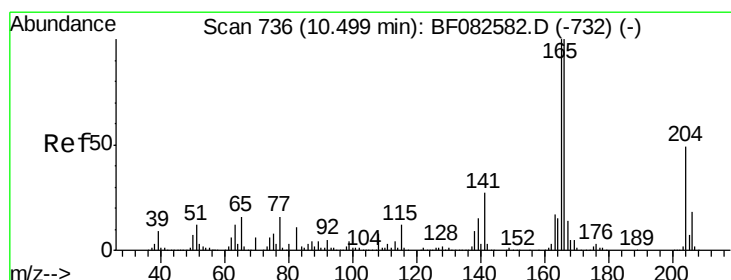
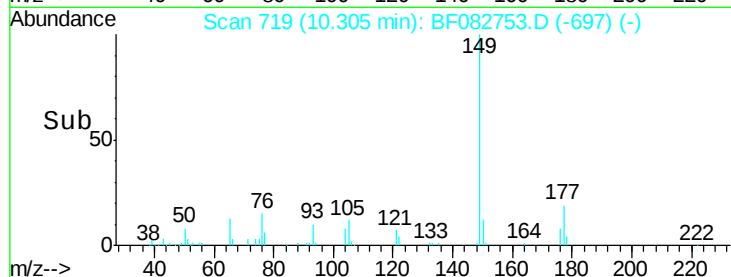
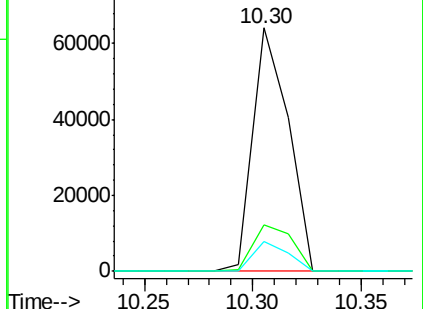
150 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 2.78 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

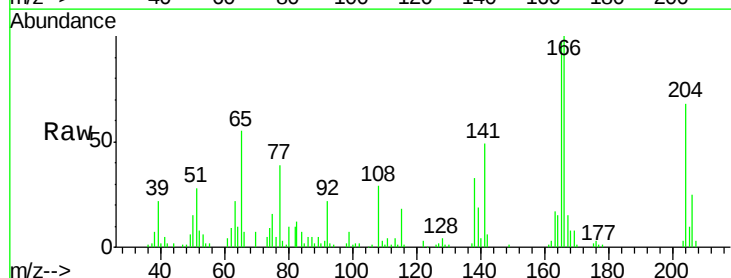
Tgt Ion:204 Resp: 34924

Ion Ratio Lower Upper

204 100

206 37.6 28.5 42.7

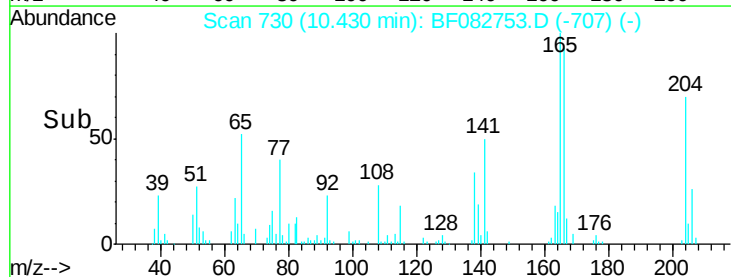
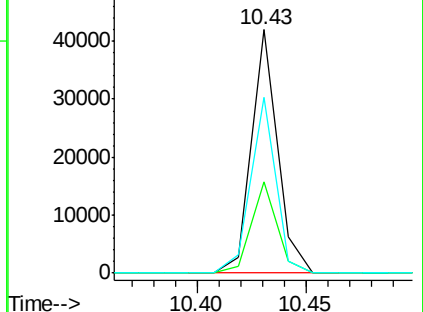
141 72.0 44.6 66.8#

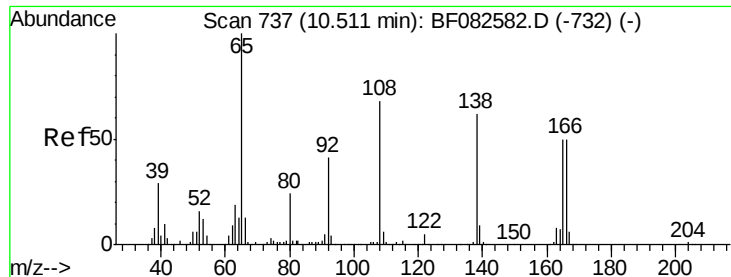


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

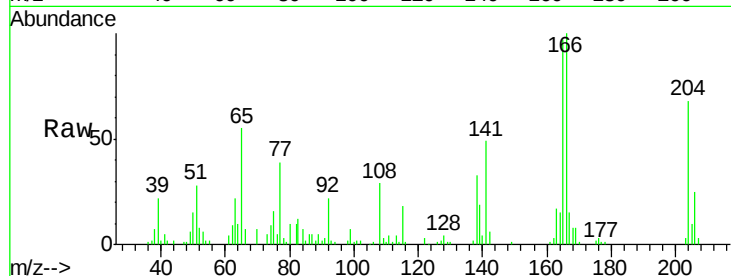




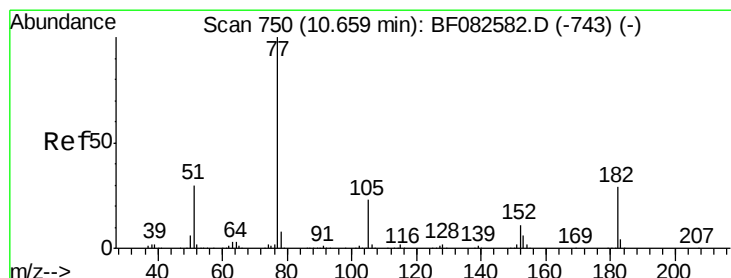
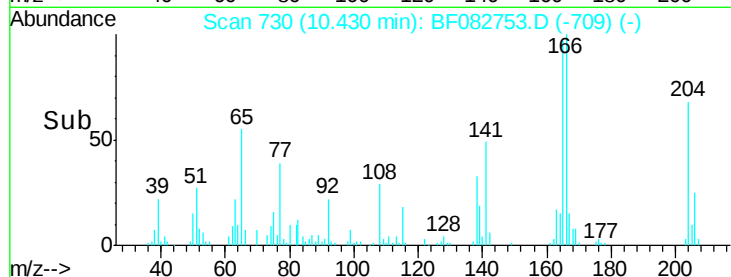
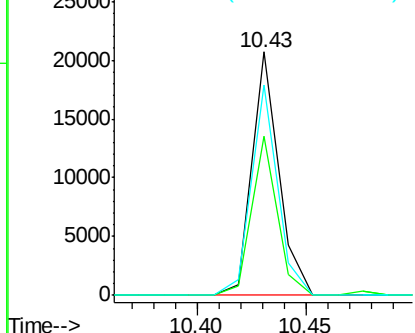
#61
4-Nitroaniline
Concen: 2.80 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.06 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 17759
Ion Ratio Lower Upper
138 100
92 65.6 45.8 85.8
108 86.2 89.4 129.4#

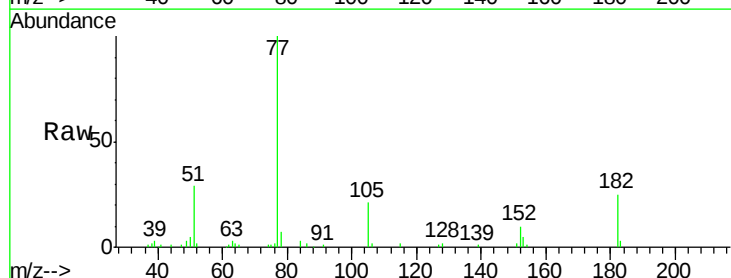


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

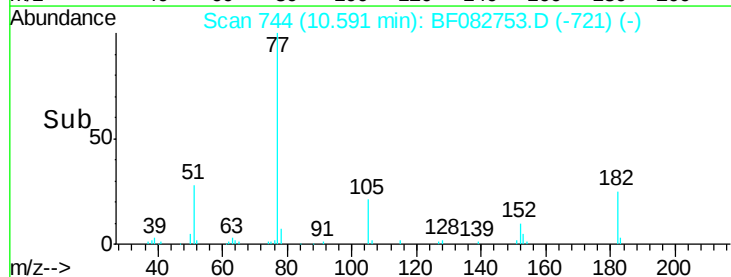
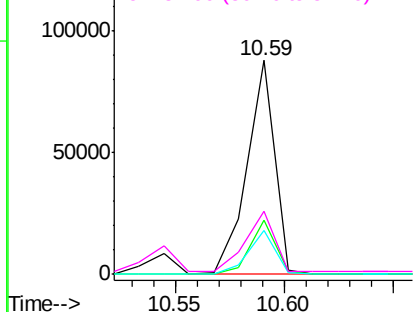


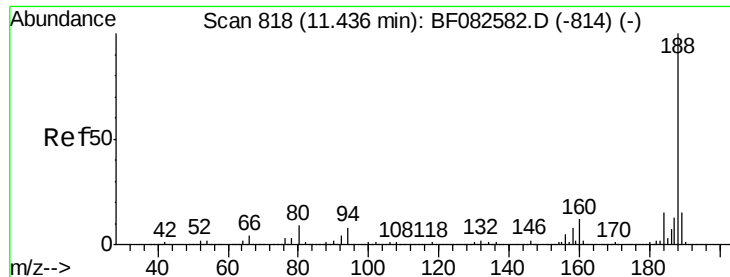
#62
Azobenzene
Concen: 2.34 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Tgt Ion: 77 Resp: 77270
Ion Ratio Lower Upper
77 100
182 24.9 9.3 49.3
105 20.7 2.6 42.6
51 29.1 9.9 49.9



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

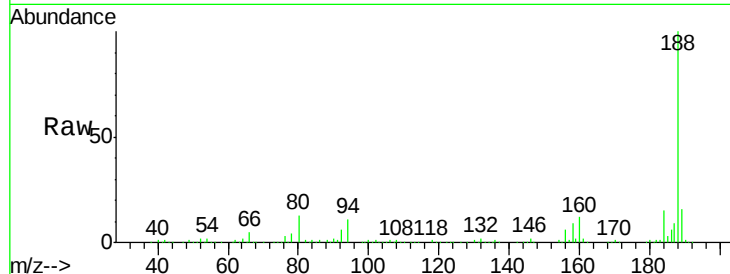




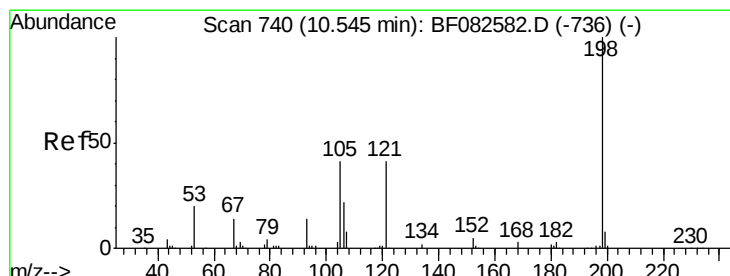
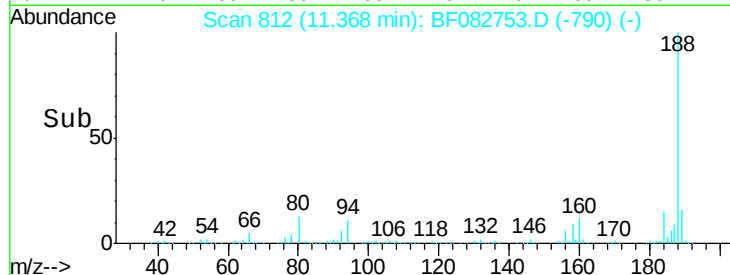
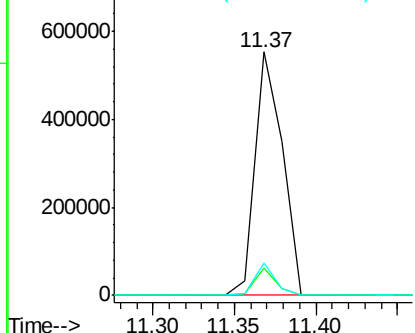
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF082753.D
 Acq: 6 Nov 2015 11:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 643605
 Ion Ratio Lower Upper
 188 100
 94 11.3 6.1 9.1#
 80 13.2 7.0 10.6#

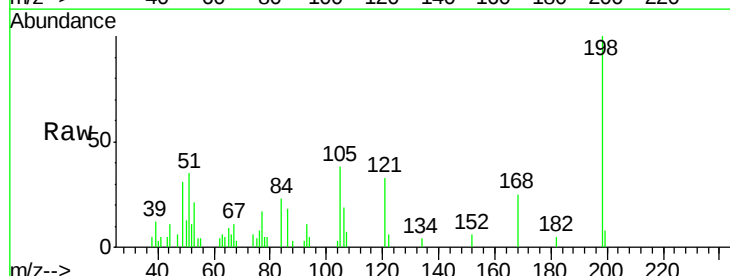


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

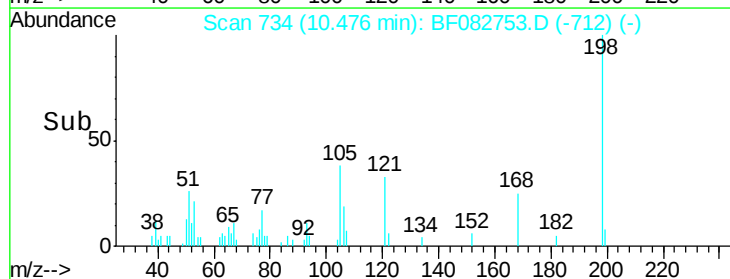
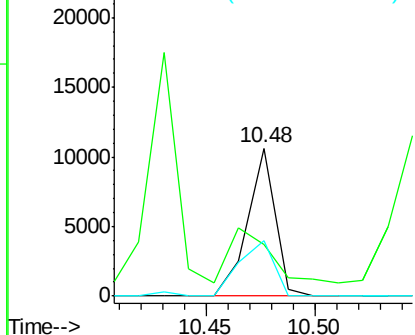


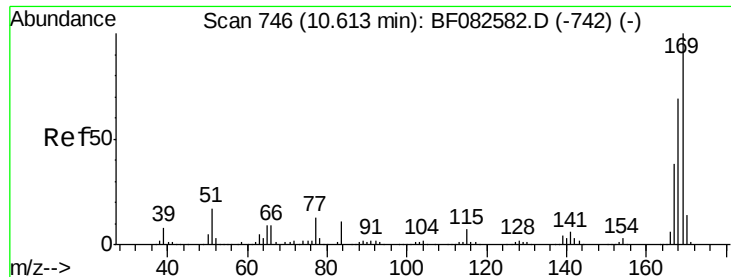
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.42 ng
 RT: 10.48 min Scan# 734
 Delta R.T. -0.05 min
 Lab File: BF082753.D
 Acq: 6 Nov 2015 11:02

Tgt Ion:198 Resp: 9394
 Ion Ratio Lower Upper
 198 100
 51 35.0 17.3 57.3
 105 37.8 21.7 61.7



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

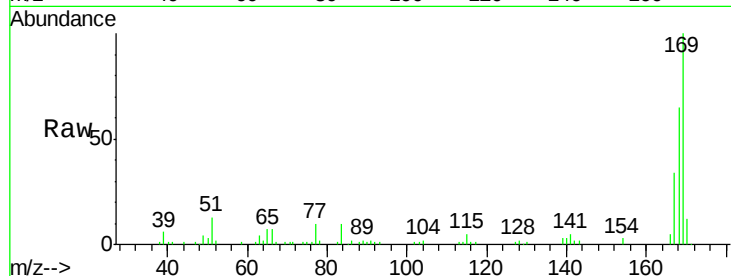




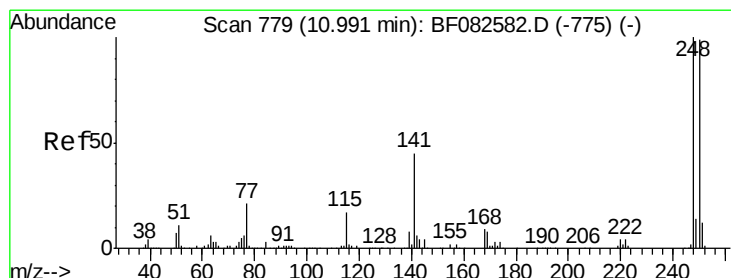
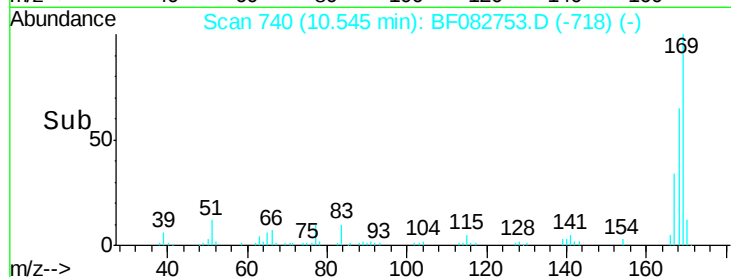
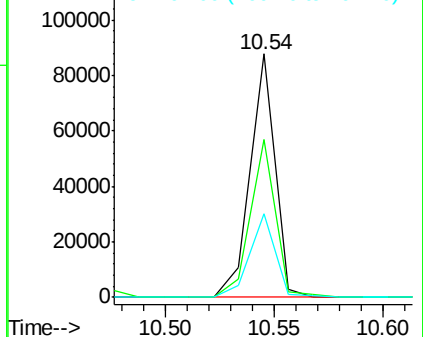
#65
n-Nitrosodiphenylamine
Concen: 3.15 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 69651
Ion Ratio Lower Upper
169 100
168 65.0 55.0 82.6
167 34.3 30.5 45.7

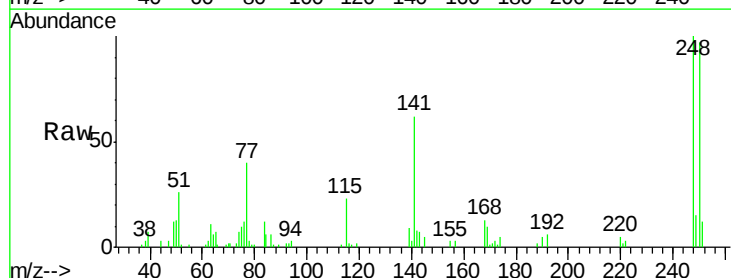


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

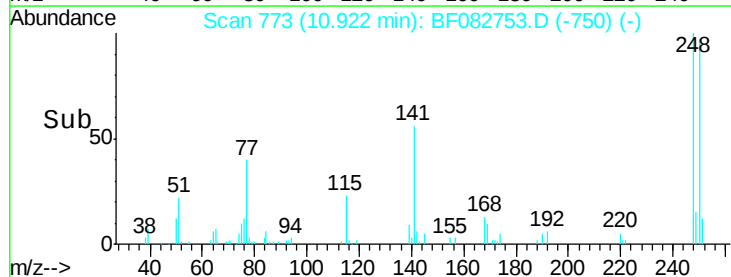
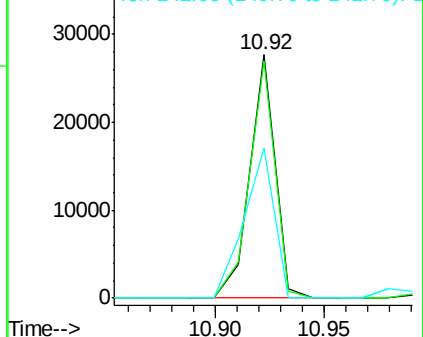


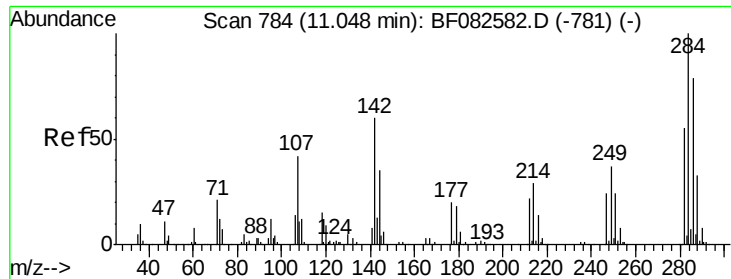
#66
4-Bromophenyl-phenylether
Concen: 3.07 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.03 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Tgt Ion:248 Resp: 22391
Ion Ratio Lower Upper
248 100
250 97.3 79.4 119.2
141 61.5 36.3 54.5#



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

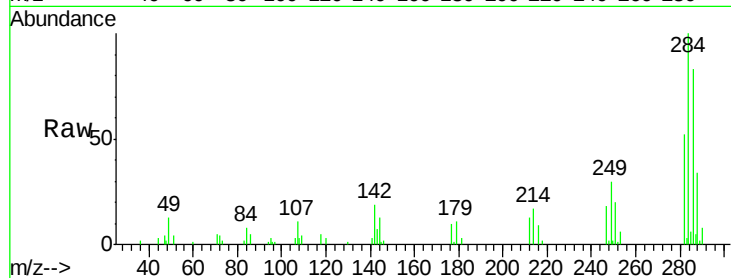




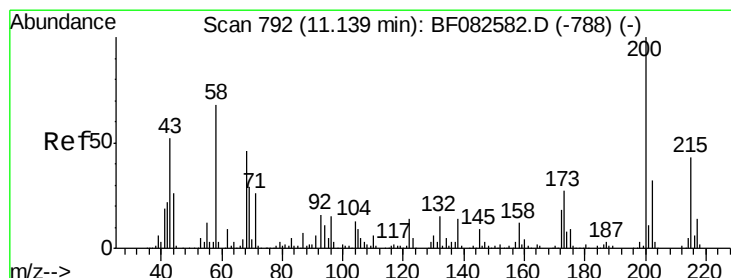
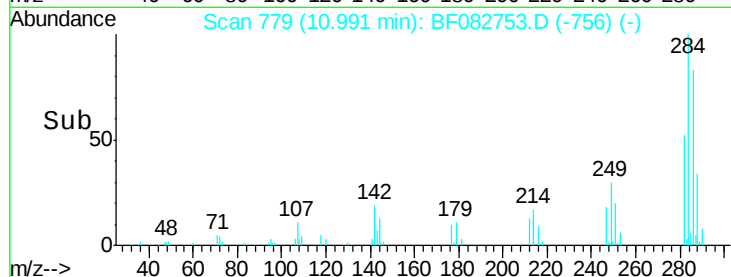
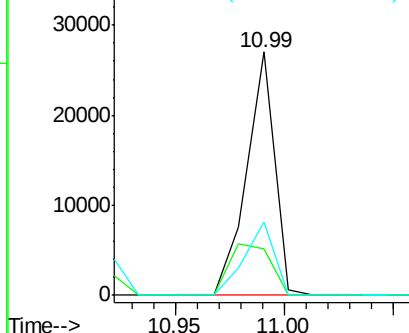
#67
Hexachlorobenzene
Concen: 2.98 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 24119
Ion Ratio Lower Upper
284 100
142 19.2 47.9 71.9#
249 30.0 29.7 44.5

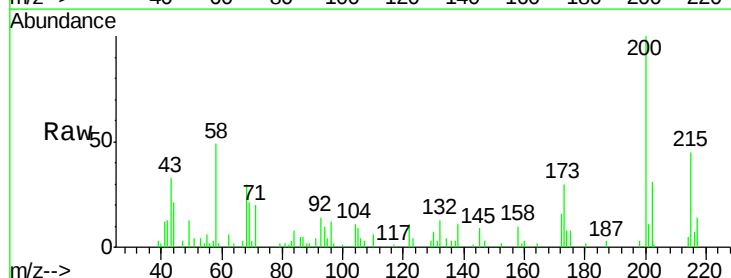


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

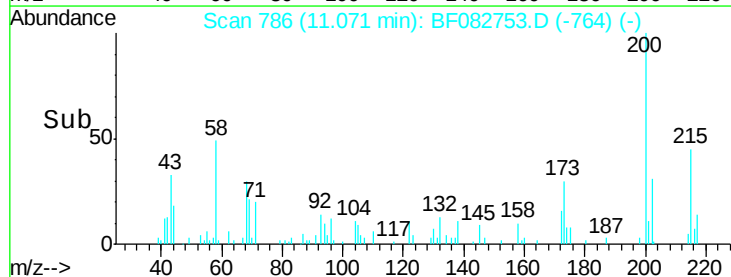
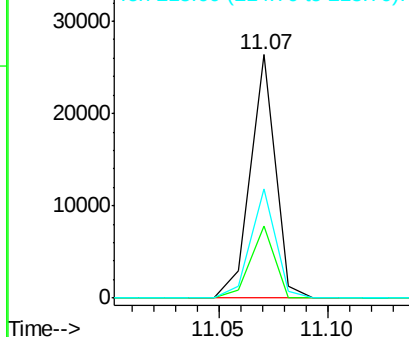


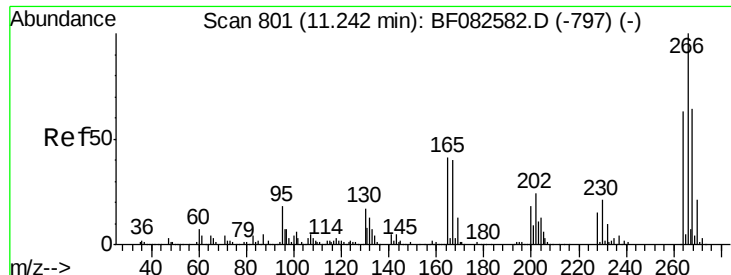
#68
Atrazine
Concen: 2.90 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.05 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Tgt Ion:200 Resp: 20993
Ion Ratio Lower Upper
200 100
173 29.8 6.9 46.9
215 44.8 22.9 62.9



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

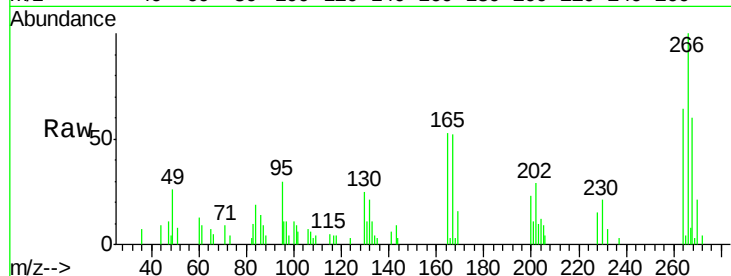




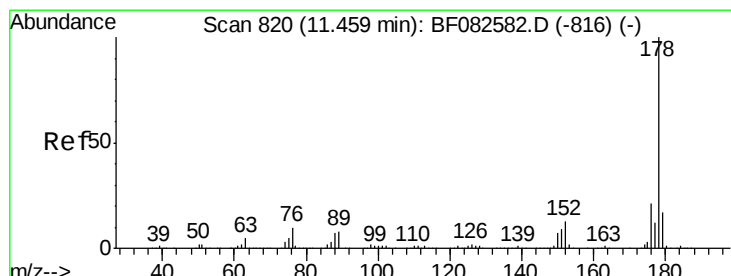
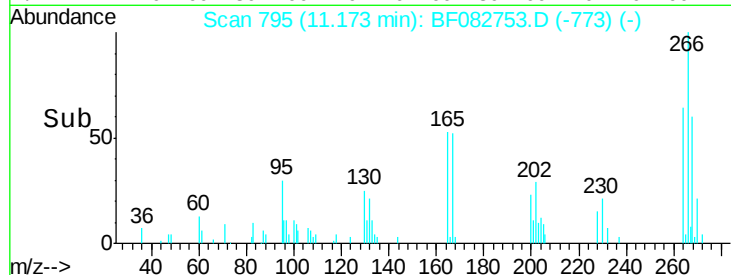
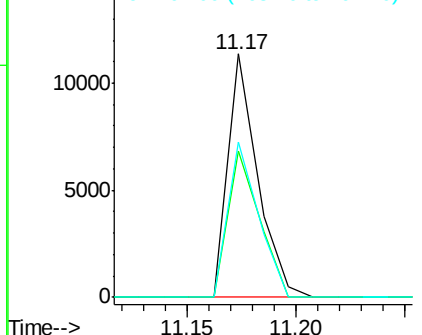
#69
 Pentachlorophenol
 Concen: 2.01 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.05 min
 Lab File: BF082753.D
 Acq: 6 Nov 2015 11:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 10727
 Ion Ratio Lower Upper
 266 100
 268 60.1 51.0 76.6
 264 63.6 50.6 75.8

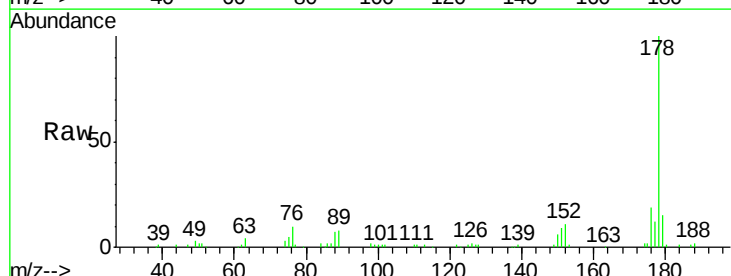


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

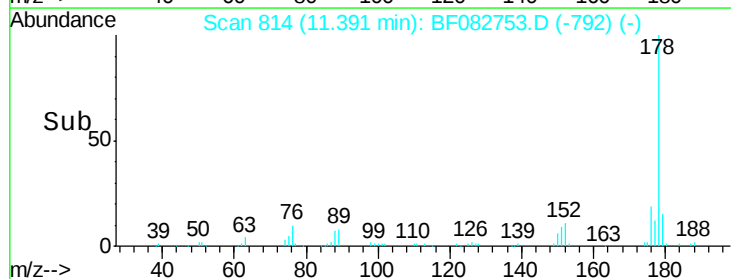
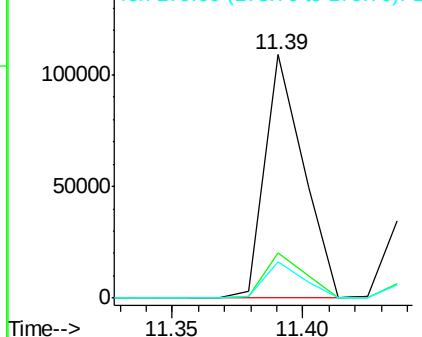


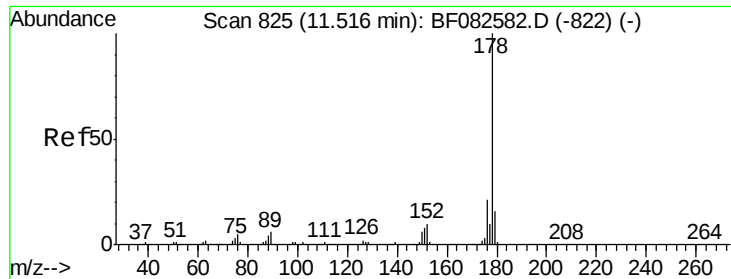
#70
 Phenanthrene
 Concen: 3.05 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF082753.D
 Acq: 6 Nov 2015 11:02

Tgt Ion:178 Resp: 110757
 Ion Ratio Lower Upper
 178 100
 176 18.8 17.0 25.4
 179 14.9 13.4 20.0



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

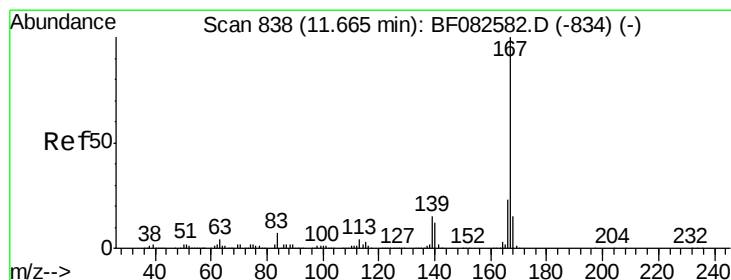
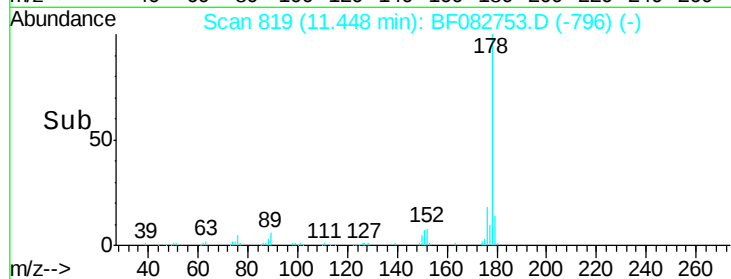
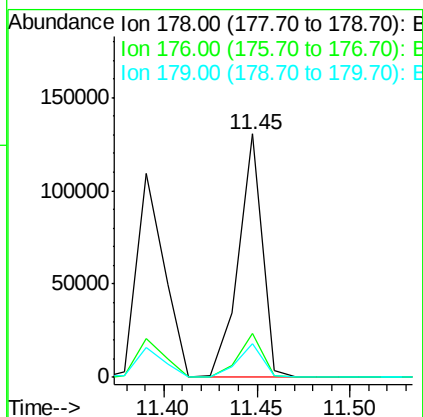
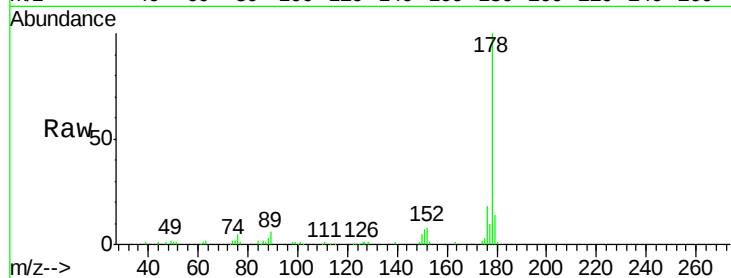




#71
 Anthracene
 Concen: 3.19 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.03 min
 Lab File: BF082753.D
 Acq: 6 Nov 2015 11:02

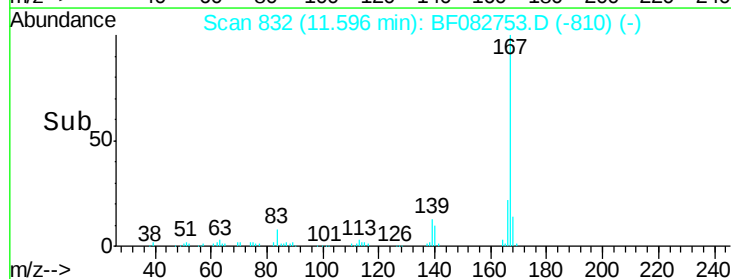
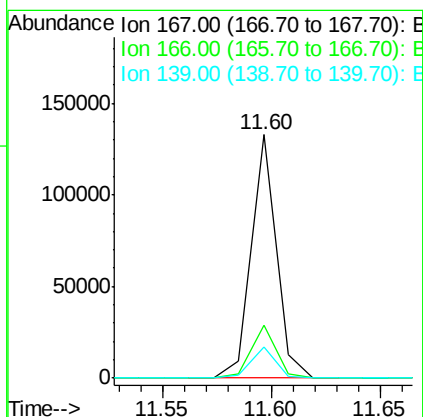
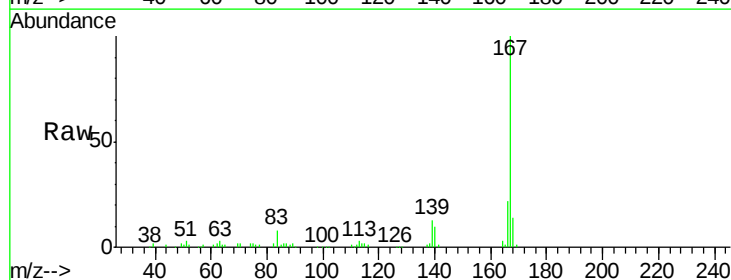
Instrument :
 BNA_F
 ClientSampleId :

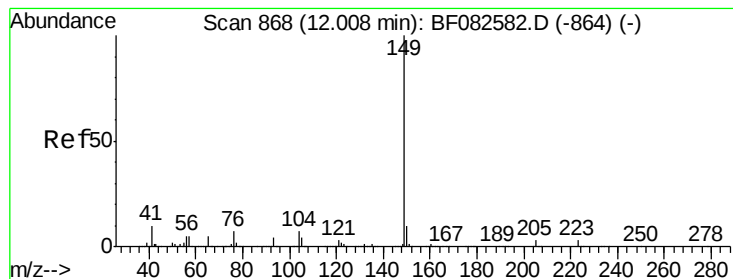
Tot Ion:178 Resp: 116599
 Ion Ratio Lower Upper
 178 100
 176 17.9 16.5 24.7
 179 14.0 13.2 19.8



#72
 Carbazole
 Concen: 3.34 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.05 min
 Lab File: BF082753.D
 Acq: 6 Nov 2015 11:02

Tgt Ion:167 Resp: 106185
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.7 28.1
 139 13.0 11.8 17.6





#73

Di-n-butylphthalate

Concen: 2.88 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.05 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

Instrument :

BNA_F

ClientSampleId :

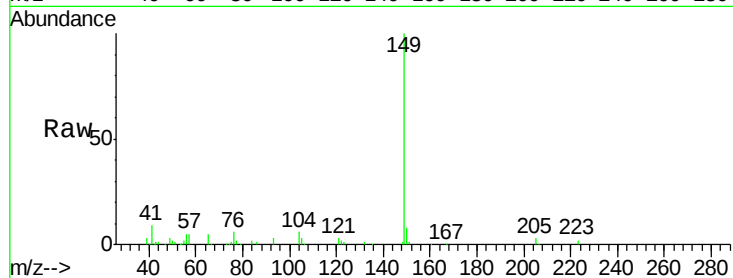
Tot Ion:149 Resp: 116853

Ion Ratio Lower Upper

149 100

150 8.5 8.1 12.1

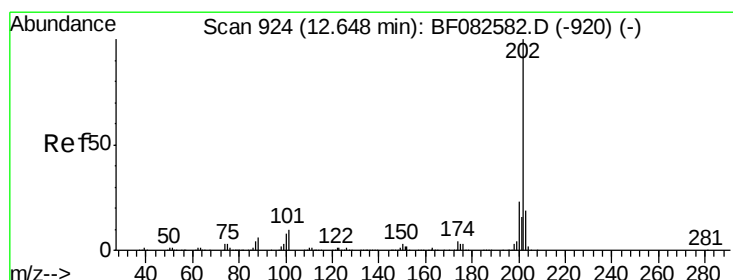
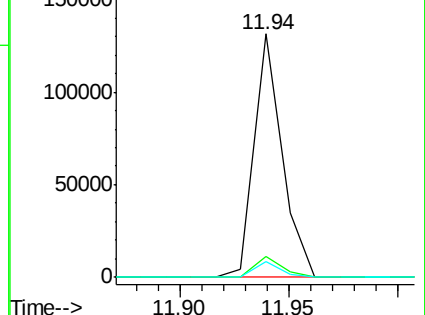
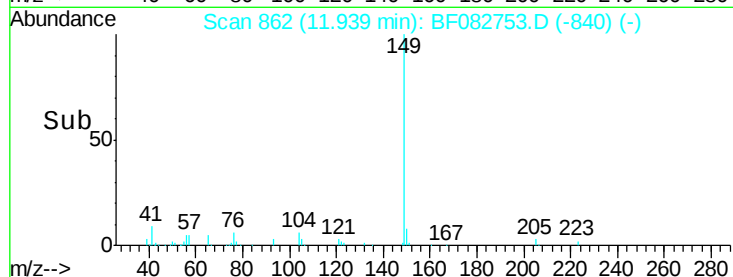
104 6.3 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 3.18 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

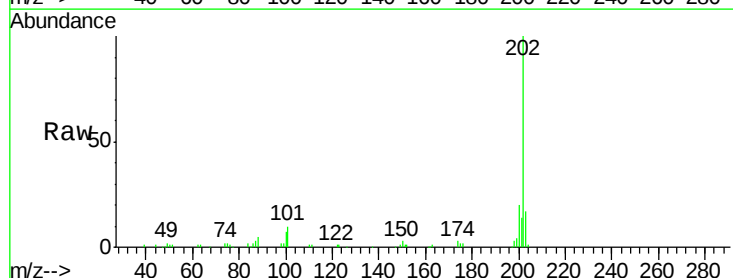
Tgt Ion:202 Resp: 118095

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.5

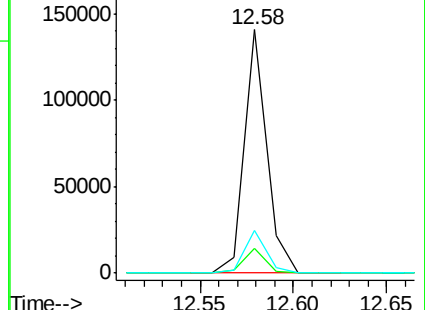
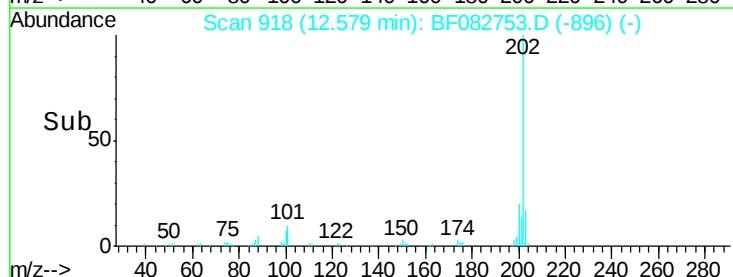
203 17.4 0.0 38.5

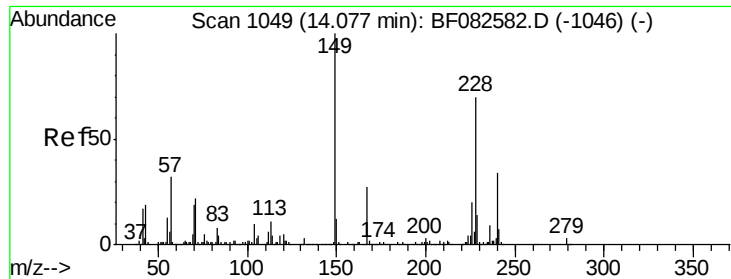


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

Instrument :

BNA_F

ClientSampleId :

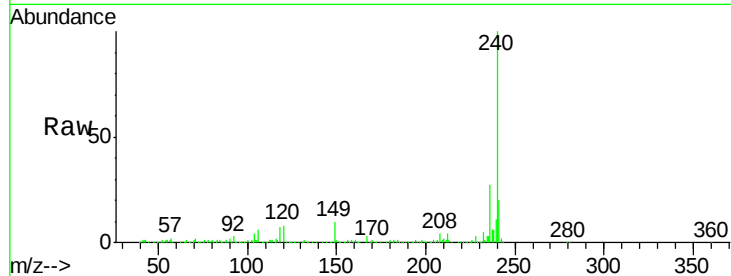
Tot Ion:240 Resp: 651413

Ion Ratio Lower Upper

240 100

120 8.5 10.9 16.3#

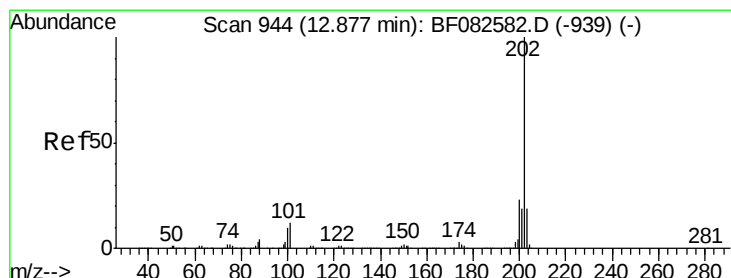
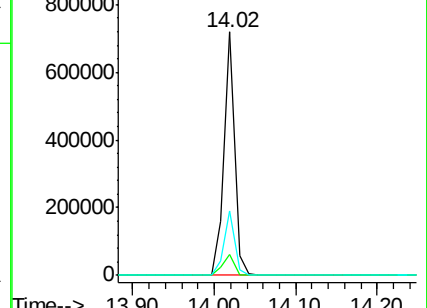
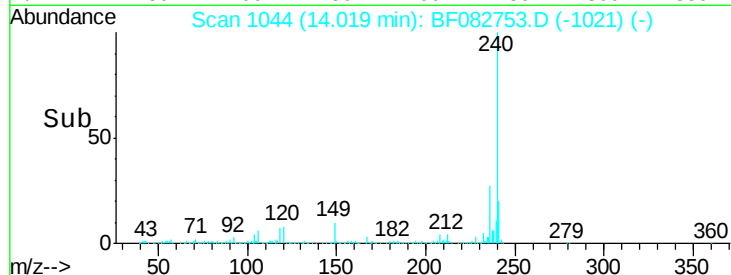
236 26.7 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.62 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.05 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

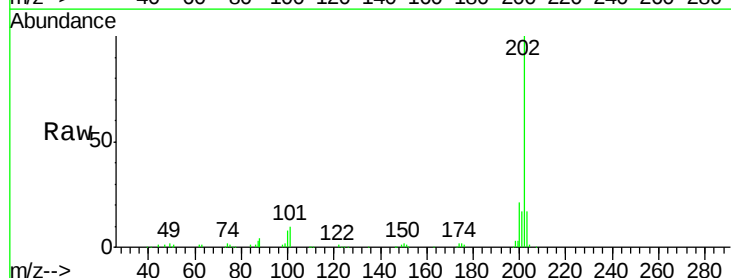
Tgt Ion:202 Resp: 126610

Ion Ratio Lower Upper

202 100

200 20.9 18.7 28.1

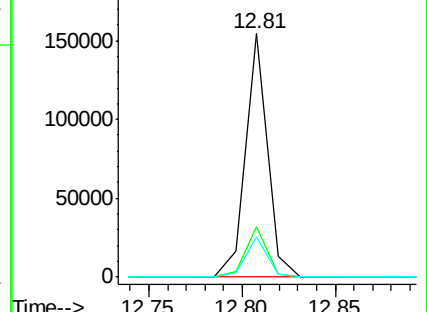
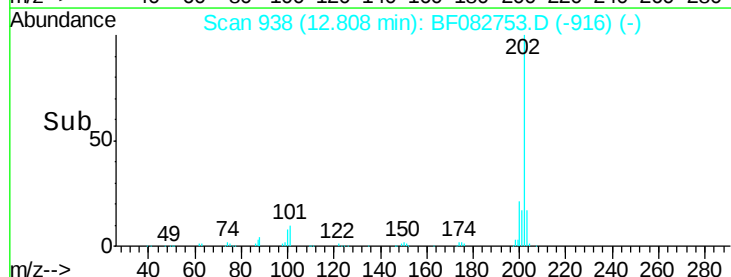
203 16.6 14.8 22.2

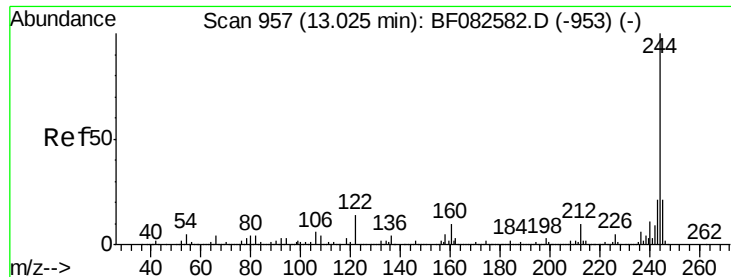


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

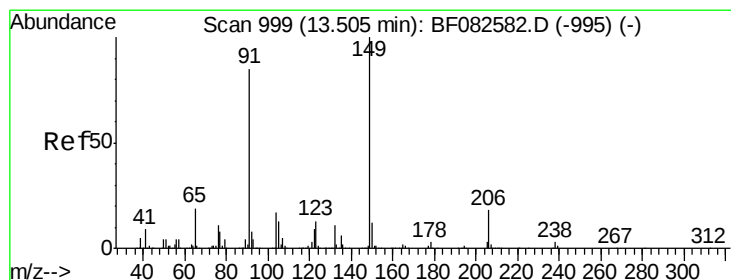
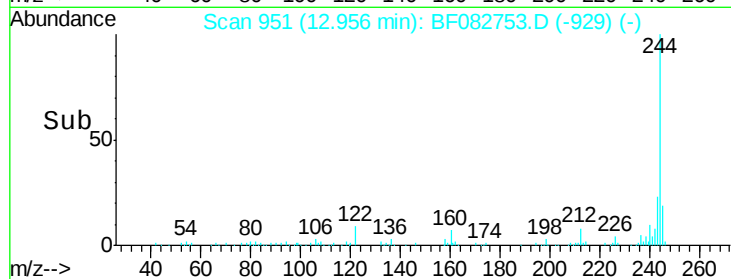
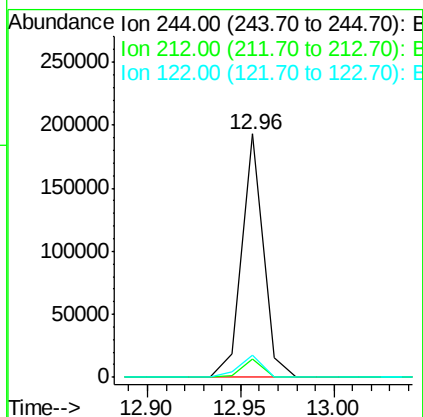
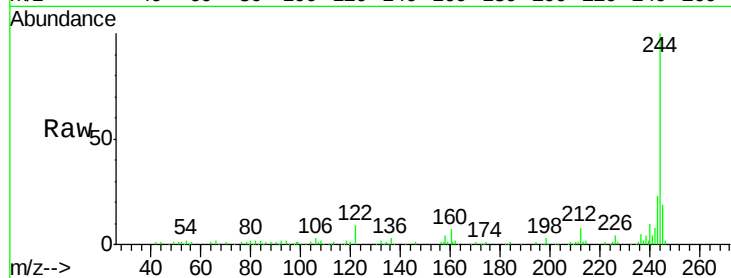




#78
 Terphenyl-d14
 Concen: 5.23 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF082753.D
 Acq: 6 Nov 2015 11:02

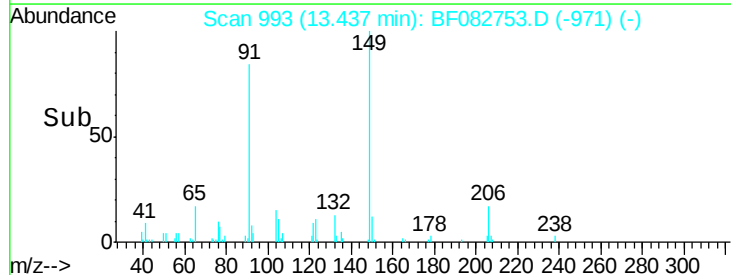
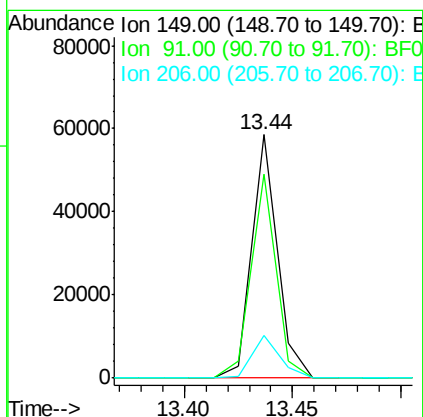
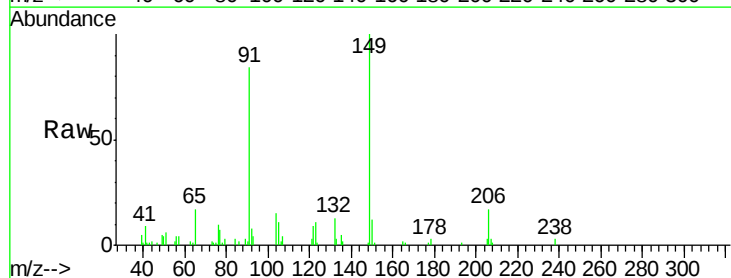
Instrument :
 BNA_F
 ClientSampled :

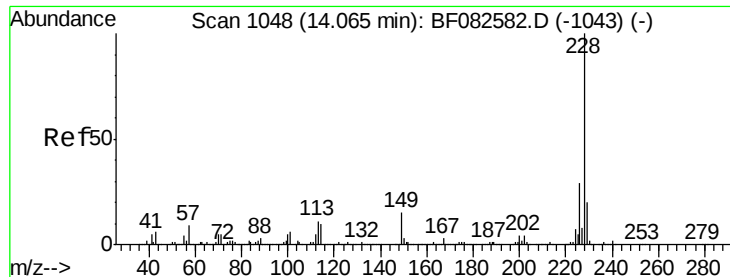
Tot Ion:244 Resp: 155681
 Ion Ratio Lower Upper
 244 100
 212 7.7 7.6 11.4
 122 8.9 11.3 16.9#



#79
 Butylbenzylphthalate
 Concen: 2.27 ng
 RT: 13.44 min Scan# 993
 Delta R.T. -0.05 min
 Lab File: BF082753.D
 Acq: 6 Nov 2015 11:02

Tgt Ion:149 Resp: 48057
 Ion Ratio Lower Upper
 149 100
 91 83.6 67.7 101.5
 206 17.3 14.6 22.0





#80

Benzo(a)anthracene

Concen: 2.83 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

Instrument :

BNA_F

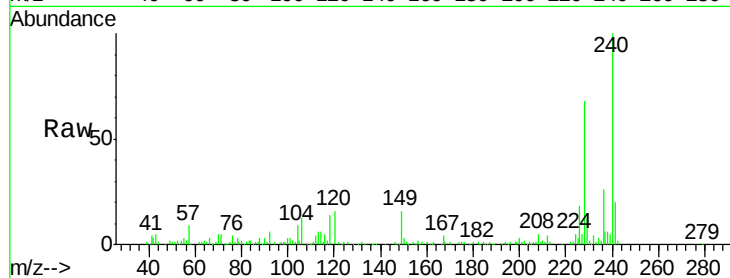
ClientSampleId :

Tot Ion:228 Resp: 116952

Ion	Ratio	Lower	Upper
228	100		
226	26.6	23.4	35.2
229	18.5	16.3	24.5

226 26.6 23.4 35.2

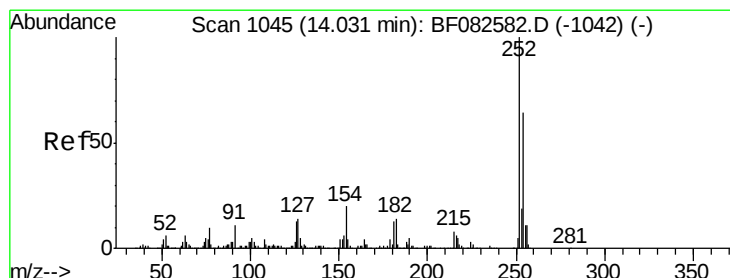
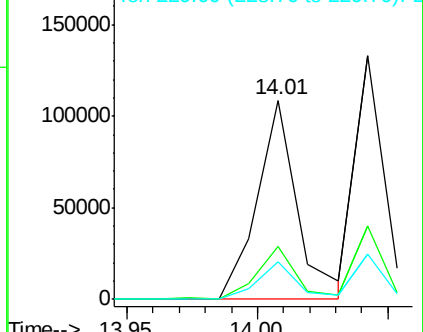
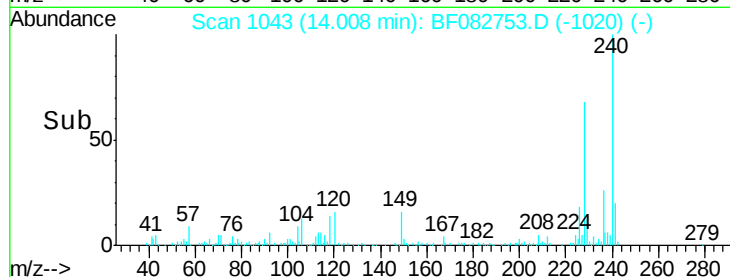
229 18.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 2.50 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF082753.D

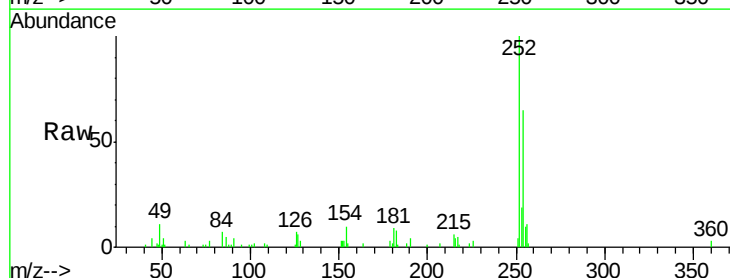
Acq: 6 Nov 2015 11:02

Tgt Ion:252 Resp: 35628

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.4	77.0
126	6.9	10.7	16.1

254 64.7 51.4 77.0

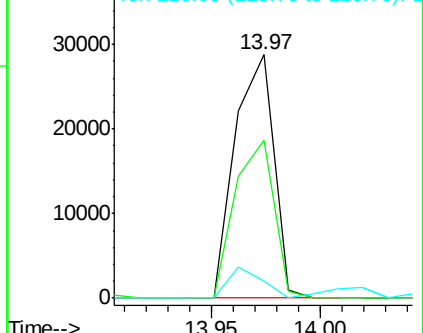
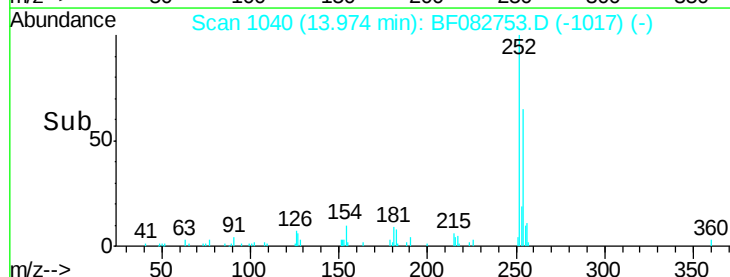
126 6.9 10.7 16.1

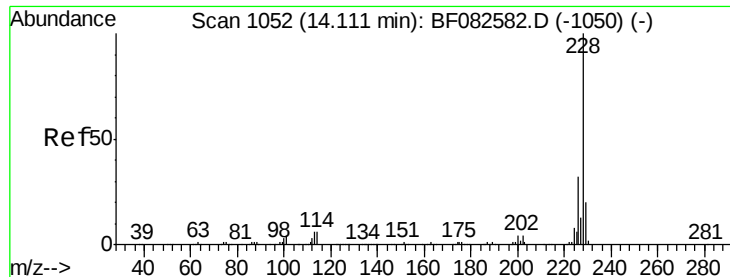


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 2.76 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.05 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

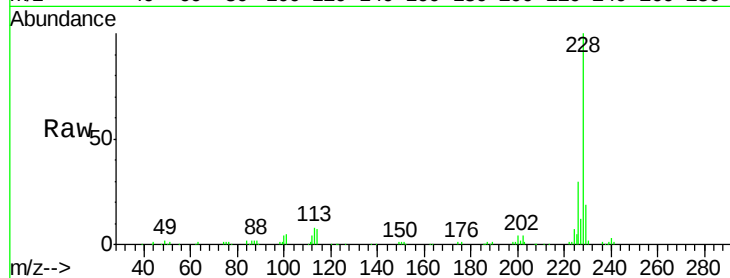
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 103570

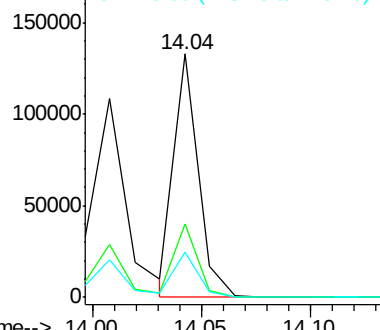
Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.5	38.3
229	18.6	16.3	24.5



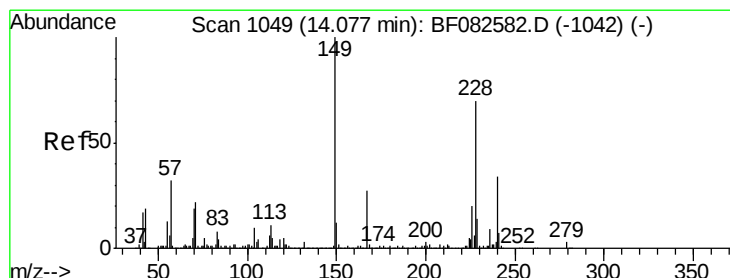
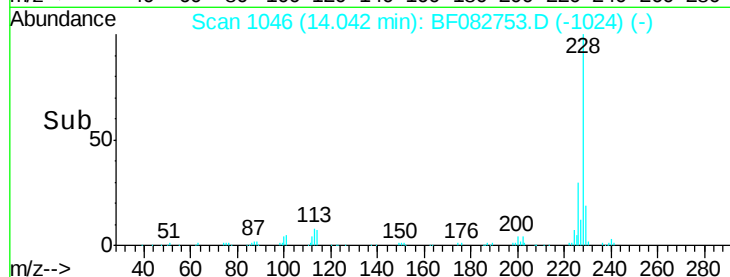
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.48 ng

RT: 14.02 min Scan# 1044

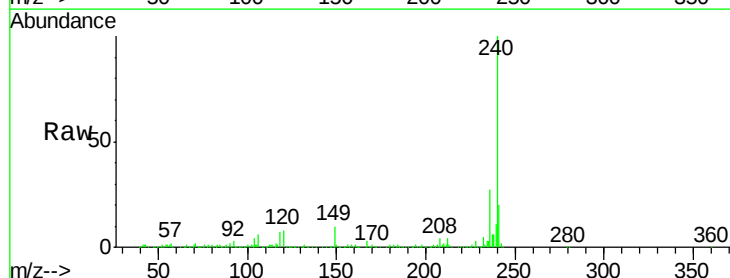
Delta R.T. -0.03 min

Lab File: BF082753.D

Acq: 6 Nov 2015 11:02

Tgt Ion:149 Resp: 67930

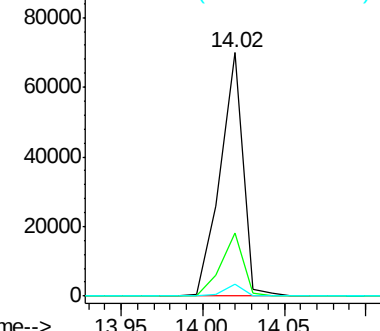
Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.2	31.8
279	4.9	2.2	3.2#



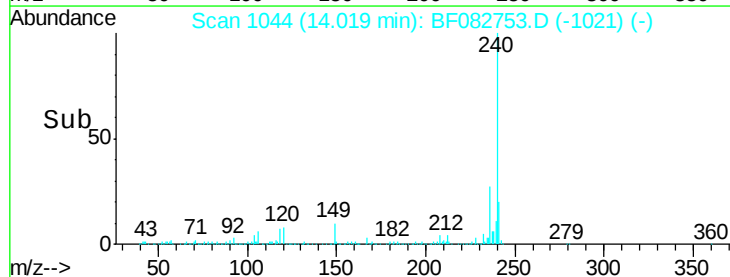
Abundance Ion 149.00 (148.70 to 149.70): E

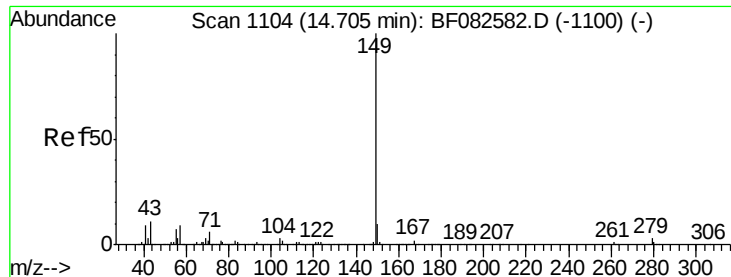
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

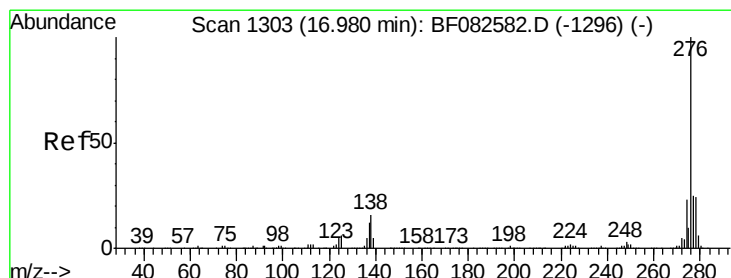
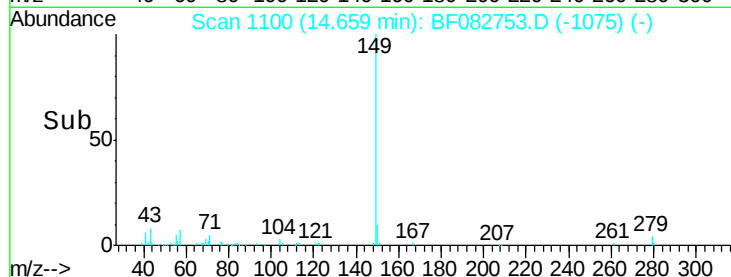
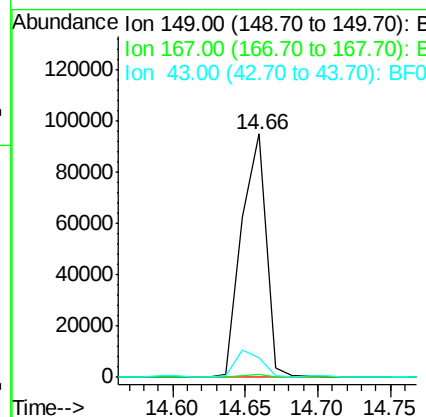
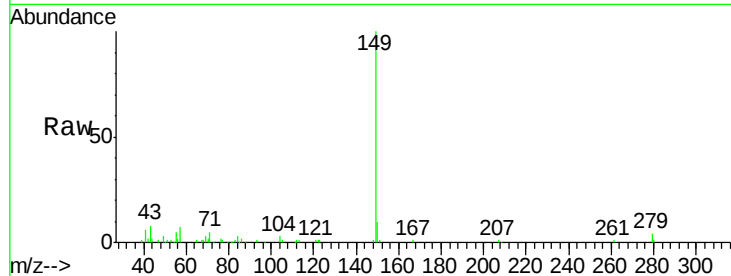




#84
Di-n-octyl phthalate
Concen: 2.63 ng
RT: 14.66 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

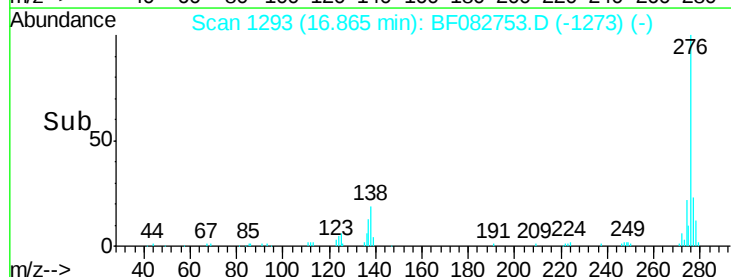
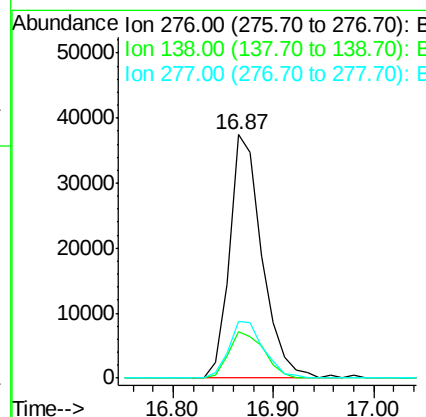
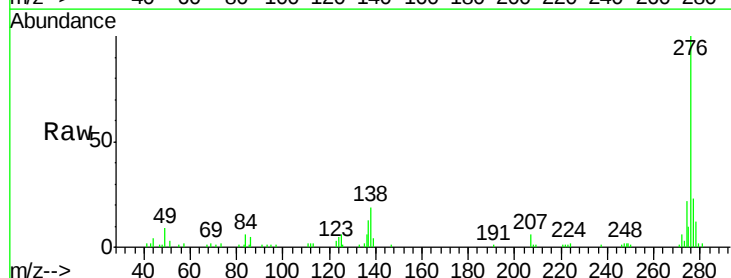
Instrument :
BNA_F
ClientSampleId :

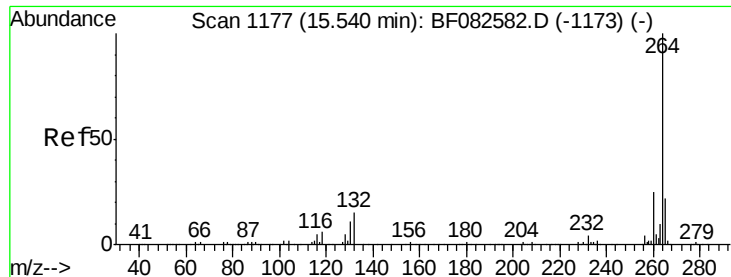
Tot Ion:149 Resp: 112162
Ion Ratio Lower Upper
149 100
167 1.3 1.3 1.9
43 12.2 10.1 15.1



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.71 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.07 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Tgt Ion:276 Resp: 83869
Ion Ratio Lower Upper
276 100
138 20.4 15.3 22.9
277 24.9 20.2 30.4

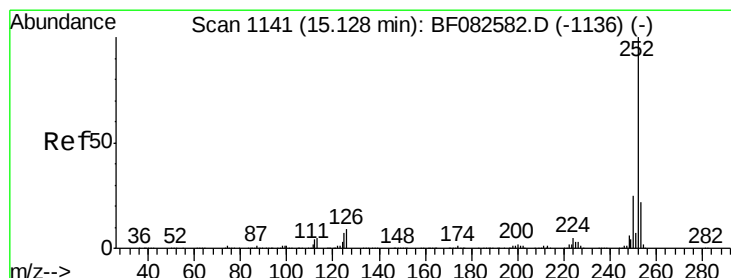
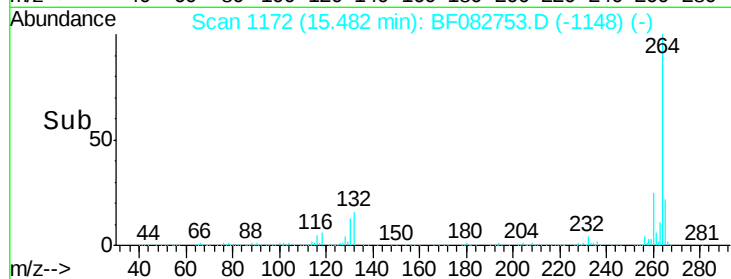
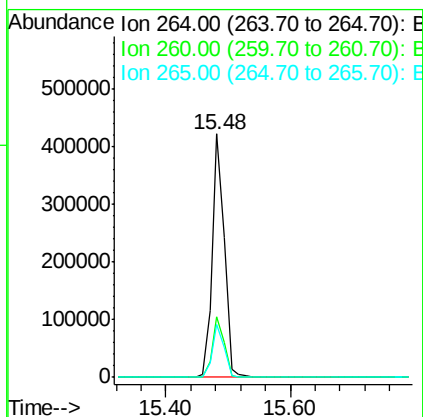
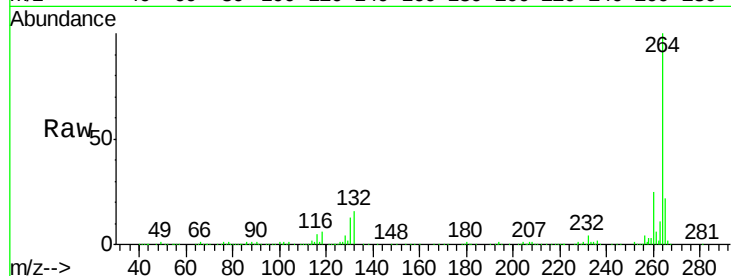




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

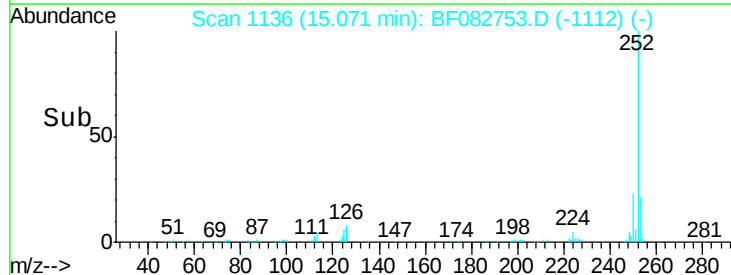
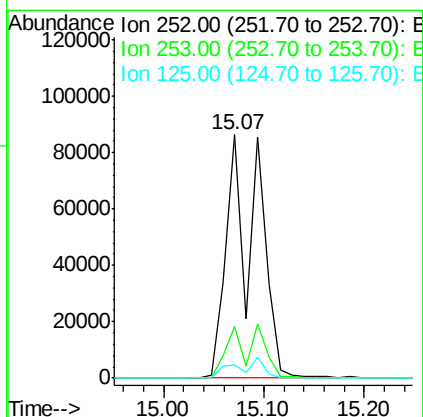
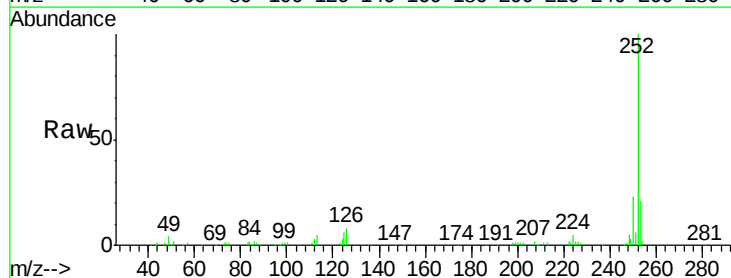
Instrument :
BNA_F
ClientSampled :

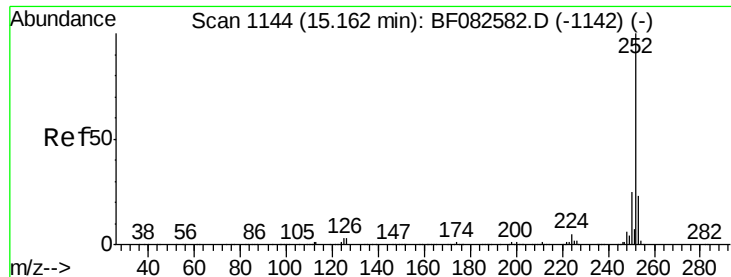
Tot Ion:264 Resp: 557996
Ion Ratio Lower Upper
264 100
260 24.8 19.8 29.6
265 21.5 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 4.75 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Tgt Ion:252 Resp: 182843
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.8
125 5.6 5.4 8.2

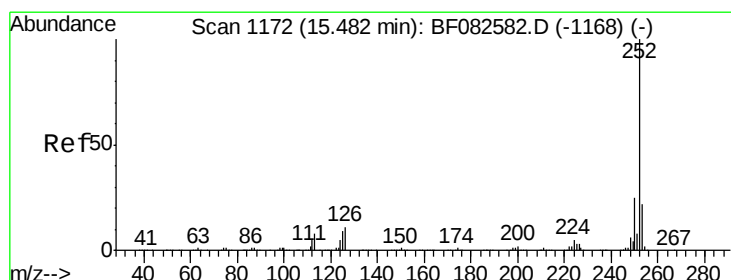
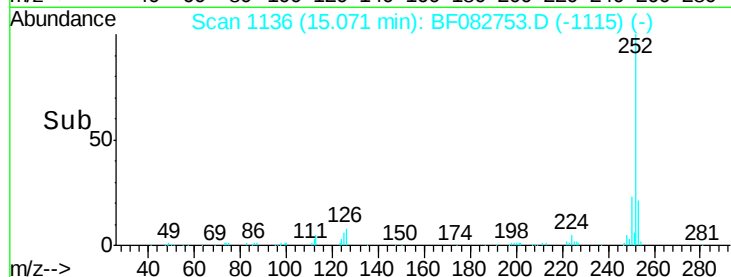
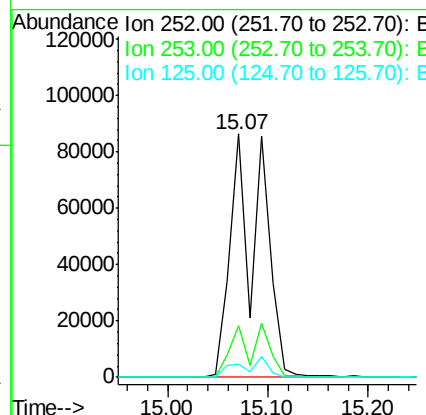
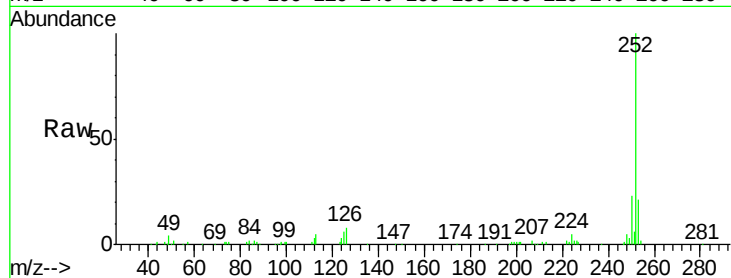




#88
Benzo(k)fluoranthene
Concen: 6.24 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.06 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

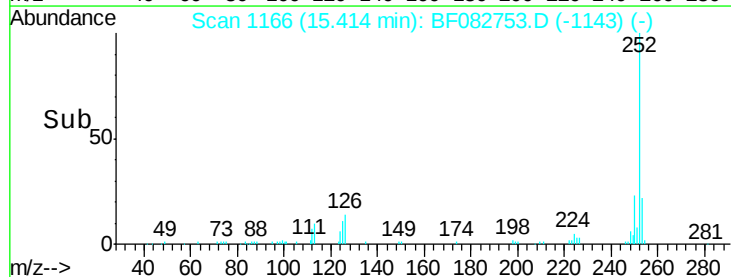
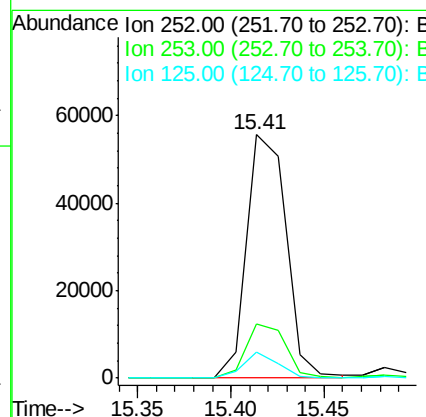
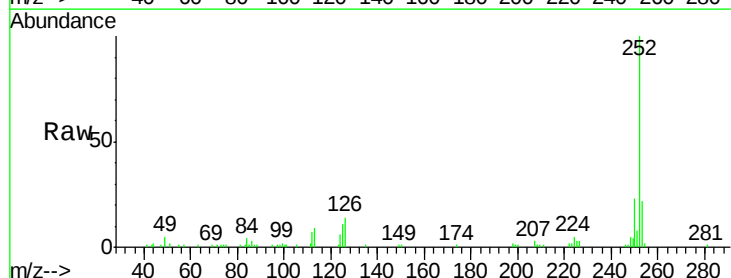
Instrument :
BNA_F
ClientSampled :

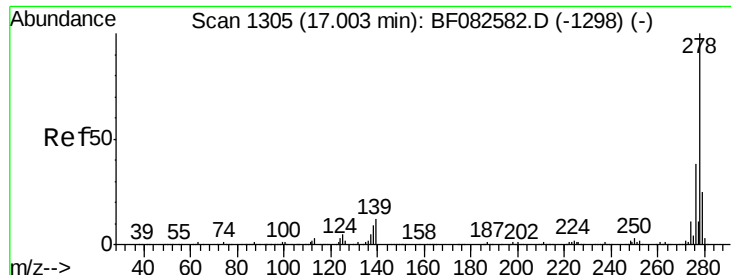
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.9	26.9
125	5.6	3.5	5.3#



#89
Benzo(a)pyrene
Concen: 2.70 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF082753.D
Acq: 6 Nov 2015 11:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	10.8	7.1	10.7#

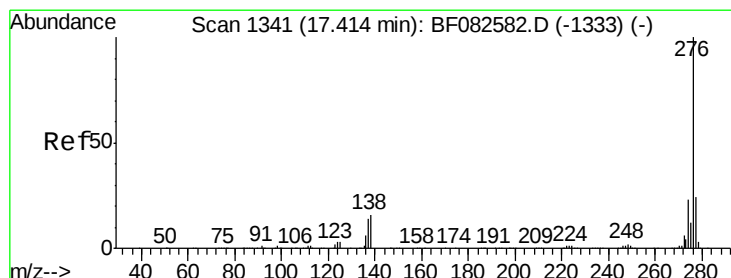
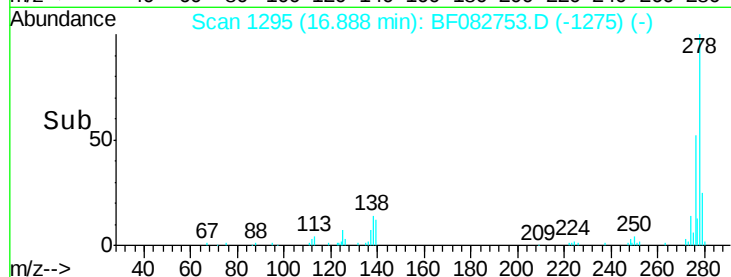
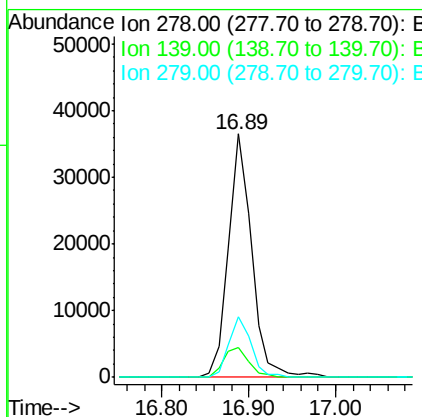
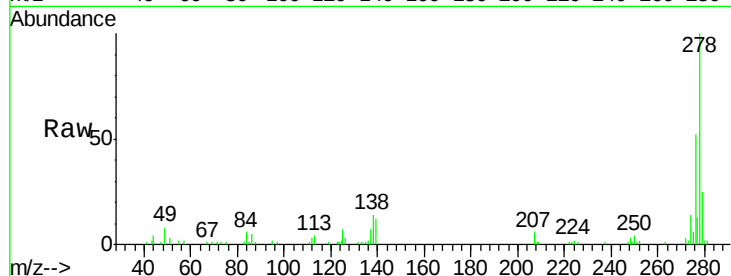




#90
 Dibenzo(a,h)anthracene
 Concen: 2.40 ng
 RT: 16.89 min Scan# 1295
 Delta R.T. -0.07 min
 Lab File: BF082753.D
 Acq: 6 Nov 2015 11:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:278 Resp: 67864
 Ion Ratio Lower Upper
 278 100
 139 12.3 9.9 14.9
 279 25.0 19.6 29.4



#91
 Benzo(g,h,i)perylene
 Concen: 2.44 ng
 RT: 17.29 min Scan# 1330
 Delta R.T. -0.07 min
 Lab File: BF082753.D
 Acq: 6 Nov 2015 11:02

Tgt Ion:276 Resp: 66945
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.2 28.8
 138 18.2 13.1 19.7

