

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
 Data File : BF084004.D
 Acq On : 22 Dec 2015 22:40
 Operator : UM/SJ
 Sample : PB87413BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 01:09:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	65982	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	238319	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	144299	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	276268	20.00	ng	0.00
75) Chrysene-d12	14.00	240	256514	20.00	ng	0.00
86) Perylene-d12	15.43	264	224469	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	439370	113.54	ng	0.01
7) Phenol-d6	6.48	99	590276	129.73	ng	0.00
23) Nitrobenzene-d5	7.39	82	371938	95.88	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	153009	110.24	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	729148	68.00	ng	0.00
78) Terphenyl-d14	12.93	244	773841	71.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	54711	29.70	ng	97
3) Pyridine	3.20	79	144185	34.38	ng	98
4) n-Nitrosodimethylamine	3.15	42	60761	38.98	ng	96
6) Aniline	6.49	93	152710	24.25	ng	# 21
8) 2-Chlorophenol	6.62	128	171658	38.52	ng	86
9) Benzaldehyde	6.37	77	56439	18.57	ng	99
10) Phenol	6.49	94	194800	37.01	ng	# 73
11) bis(2-Chloroethyl)ether	6.57	93	161293	40.10	ng	99
12) 1,3-Dichlorobenzene	6.77	146	198963	40.18	ng	99
13) 1,4-Dichlorobenzene	6.84	146	195017	40.34	ng	97
14) 1,2-Dichlorobenzene	7.00	146	203021	43.93	ng	98
15) Benzyl Alcohol	6.98	79	161248	45.01	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.12	45	171564	44.18	ng	93
17) 2-Methylphenol	7.09	107	153754	43.31	ng	94
18) Hexachloroethane	7.34	117	77088	43.48	ng	# 90
19) n-Nitroso-di-n-propylamine	7.24	70	122147	44.30	ng	# 87
20) 3+4-Methylphenols	7.25	107	202798	46.29	ng	# 56
22) Acetophenone	7.24	105	262753	46.99	ng	# 93
24) Nitrobenzene	7.41	77	196506	49.15	ng	98
25) Isophorone	7.65	82	294011	40.00	ng	98
26) 2-Nitrophenol	7.73	139	91930	42.72	ng	94
27) 2,4-Dimethylphenol	7.78	122	169588	45.22	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	183773	40.36	ng	98
29) 2,4-Dichlorophenol	7.98	162	143846	42.93	ng	93
30) 1,2,4-Trichlorobenzene	8.05	180	138074	39.51	ng	99
31) Naphthalene	8.13	128	472006	38.77	ng	100
32) Benzoic acid	7.93	122	68945	40.75	ng	97
33) 4-Chloroaniline	8.19	127	79020	15.87	ng	# 90
34) Hexachlorobutadiene	8.26	225	86105	41.22	ng	98
35) Caprolactam	8.56	113	30486	30.28	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	167827	46.83	ng	93
37) 2-Methylnaphthalene	8.83	142	353771	44.87	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	152360	35.12	ng	98
40) Hexachlorocyclopentadiene	8.99	237	105278	77.19	ng	97

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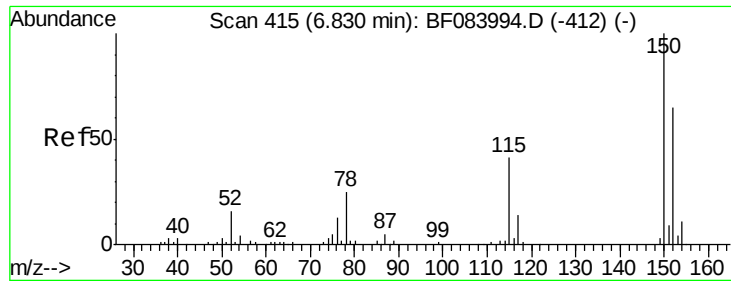
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 01:09:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.12	196	97562	37.35	ng	98
43) 2,4,5-Trichlorophenol	9.16	196	107917	39.69	ng	# 92
45) 1,1'-Biphenyl	9.30	154	424782	33.30	ng	97
46) 2-Chloronaphthalene	9.32	162	331791	36.13	ng	92
47) 2-Nitroaniline	9.41	65	90717	36.24	ng	89
48) Acenaphthylene	9.73	152	589740	40.55	ng	99
49) Dimethylphthalate	9.60	163	418721	37.08	ng	# 90
50) 2,6-Dinitrotoluene	9.66	165	96400	40.45	ng	90
51) Acenaphthene	9.90	154	354360	40.98	ng	100
52) 3-Nitroaniline	9.82	138	53940	21.31	ng	91
53) 2,4-Dinitrophenol	9.94	184	81050	79.54	ng	# 71
54) Dibenzofuran	10.08	168	496557	38.37	ng	92
55) 4-Nitrophenol	10.01	139	120072	80.73	ng	# 81
56) 2,4-Dinitrotoluene	10.06	165	127433	42.54	ng	92
57) Fluorene	10.42	166	400164	39.03	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	103912	48.47	ng	91
59) Diethylphthalate	10.29	149	474708	42.78	ng	95
60) 4-Chlorophenyl-phenylether	10.41	204	172838	36.78	ng	# 86
61) 4-Nitroaniline	10.44	138	98726	38.13	ng	98
62) Azobenzene	10.57	77	420030	42.87	ng	91
64) 4,6-Dinitro-2-methylphenol	10.48	198	67293	41.67	ng	# 61
65) n-Nitrosodiphenylamine	10.53	169	387137	37.94	ng	100
66) 4-Bromophenyl-phenylether	10.90	248	109020	34.41	ng	# 81
67) Hexachlorobenzene	10.97	284	117647	34.02	ng	# 74
68) Atrazine	11.06	200	99255	32.18	ng	99
69) Pentachlorophenol	11.17	266	96410	76.46	ng	99
70) Phenanthrene	11.38	178	579010	37.08	ng	98
71) Anthracene	11.44	178	660289	41.64	ng	100
72) Carbazole	11.59	167	556907	37.56	ng	99
73) Di-n-butylphthalate	11.92	149	649434	35.27	ng	# 97
74) Fluoranthene	12.57	202	670205	43.28	ng	98
76) Benzidine	12.68	184	210966	23.06	ng	99
77) Pyrene	12.80	202	612854	35.22	ng	100
79) Butylbenzylphthalate	13.41	149	363864	45.46	ng	88
80) Benzo(a)anthracene	13.99	228	585320	39.57	ng	100
81) 3,3'-Dichlorobenzidine	13.94	252	121167	21.78	ng	# 96
82) Chrysene	14.02	228	479631	34.93	ng	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	463312	41.74	ng	# 98
84) Di-n-octyl phthalate	14.58	149	733475	42.97	ng	99
85) Indeno(1,2,3-cd)pyrene	16.84	276	466040	41.03	ng	99
87) Benzo(b)fluoranthene	15.01	252	1069384	75.57	ng	# 97
88) Benzo(k)fluoranthene	15.01	252	1069551	79.47	ng	99
89) Benzo(a)pyrene	15.37	252	514433	39.25	ng	# 97
90) Dibenzo(a,h)anthracene	16.84	278	394187	36.29	ng	96
91) Benzo(g,h,i)perylene	17.25	276	344678	31.38	ng	99

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

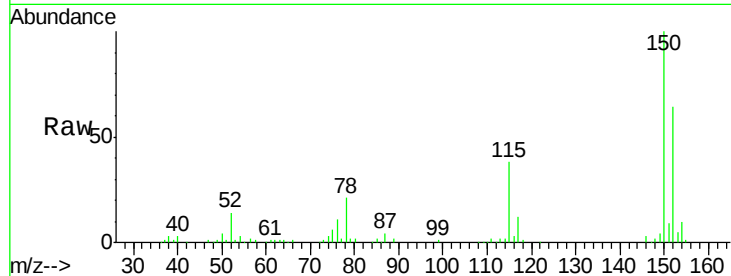


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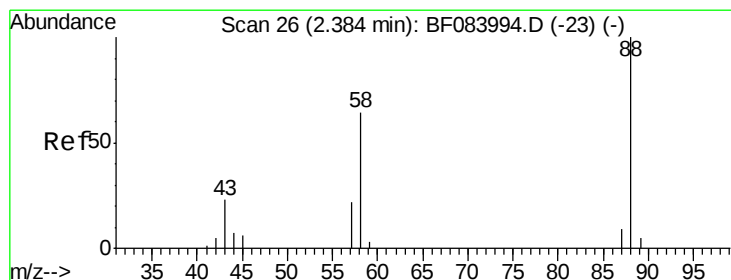
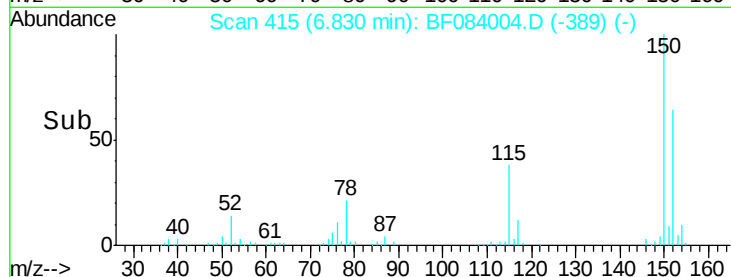
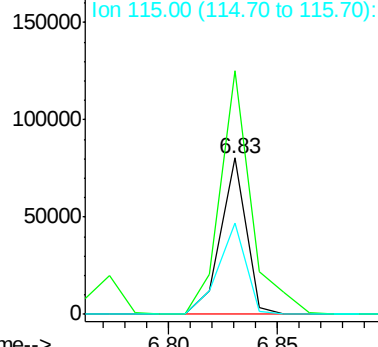
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF084004.D
Acq: 22 Dec 2015 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 65982
Ion Ratio Lower Upper
152 100
150 155.6 123.0 184.4
115 58.5 51.4 77.2



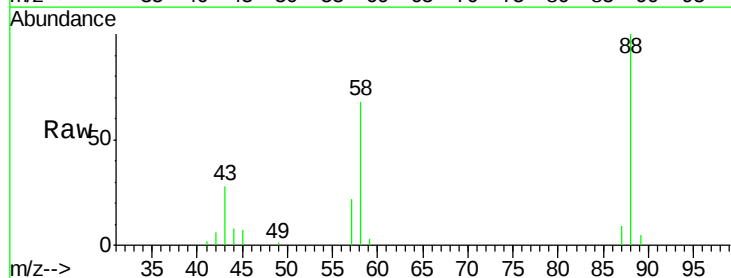
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



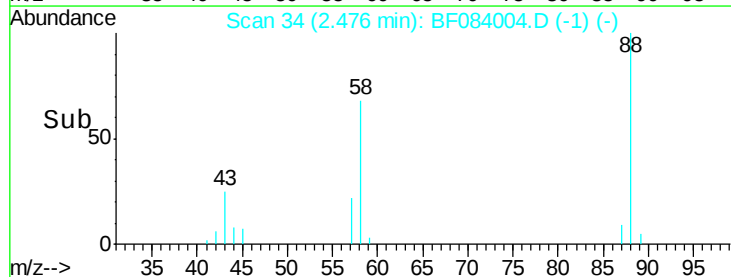
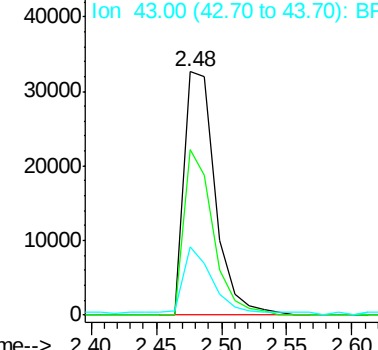
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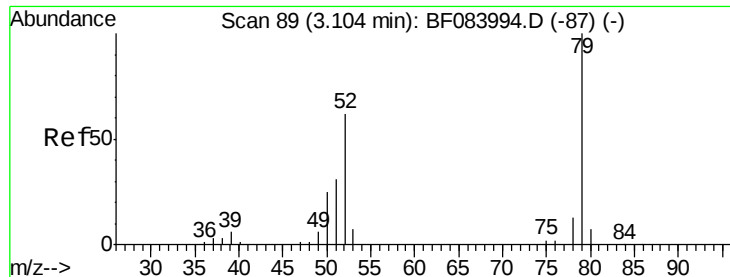
1,4-Dioxane
Concen: 29.70 ng
RT: 2.48 min Scan# 34
Delta R.T. 0.09 min
Lab File: BF084004.D
Acq: 22 Dec 2015 22:40

Tgt Ion: 88 Resp: 54711
Ion Ratio Lower Upper
88 100
58 63.2 51.2 76.8
43 28.9 19.5 29.3



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.38 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.09 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

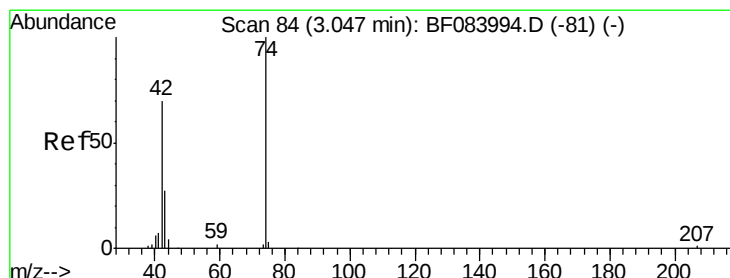
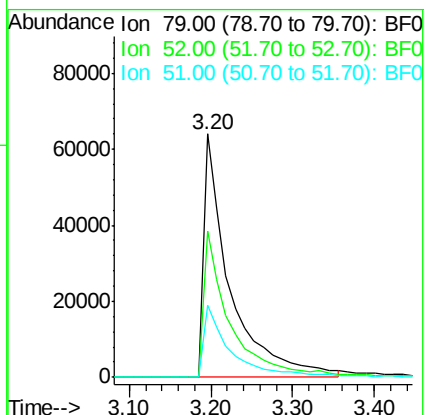
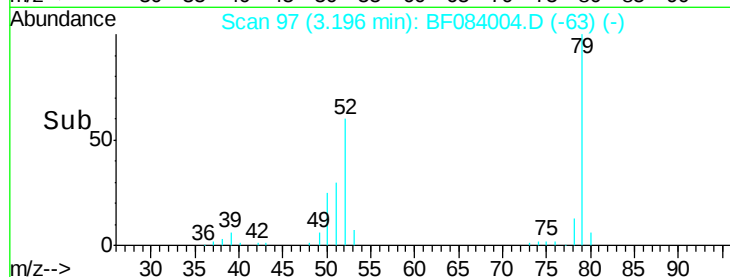
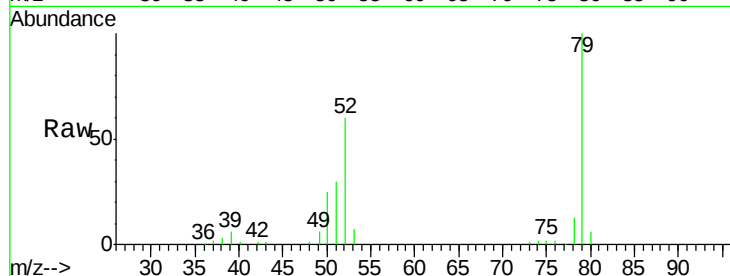
Tgt Ion: 79 Resp: 144185

Ion Ratio Lower Upper

79 100

52 59.8 49.0 73.4

51 29.6 25.2 37.8



#4

n-Nitrosodimethylamine

Concen: 38.98 ng

RT: 3.15 min Scan# 93

Delta R.T. 0.10 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

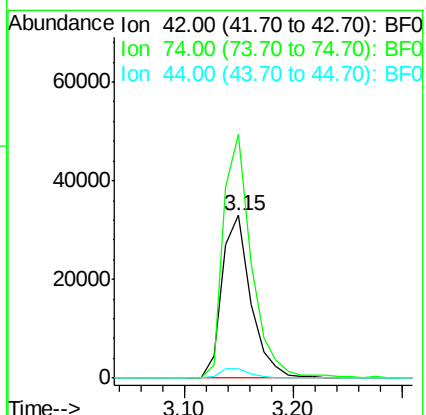
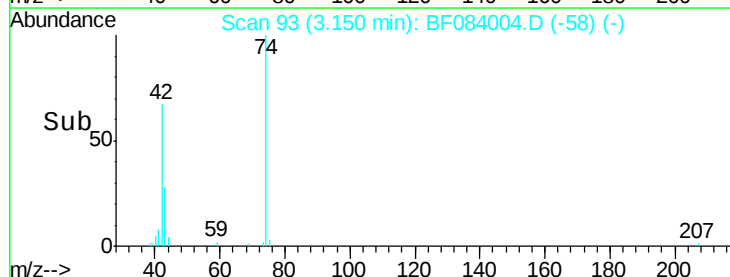
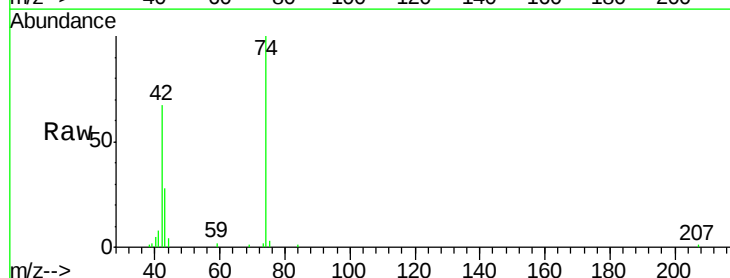
Tgt Ion: 42 Resp: 60761

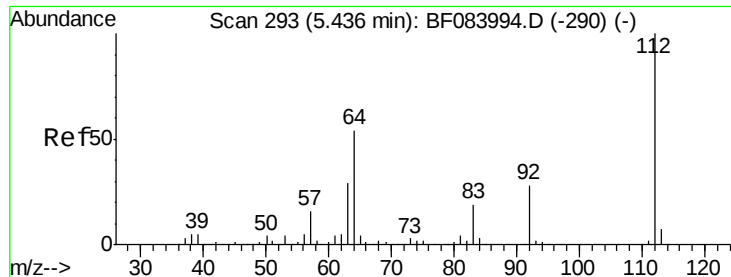
Ion Ratio Lower Upper

42 100

74 149.8 115.7 173.5

44 5.9 5.1 7.7





#5

2-Fluorophenol

Concen: 113.54 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Instrument :

BNA_F

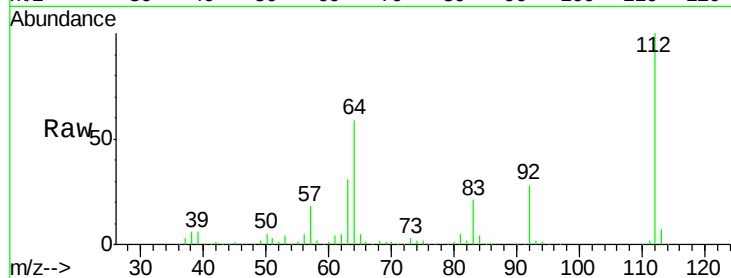
ClientSampleId :

Tgt Ion:112 Resp: 439370
Ion Ratio Lower Upper

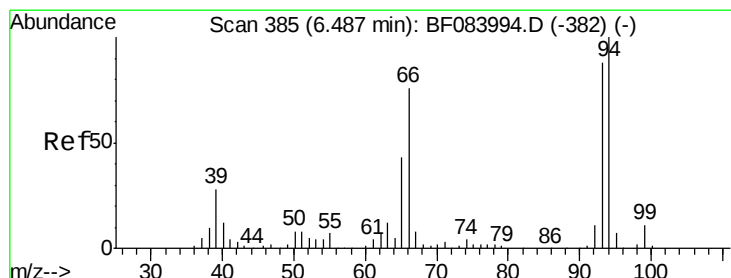
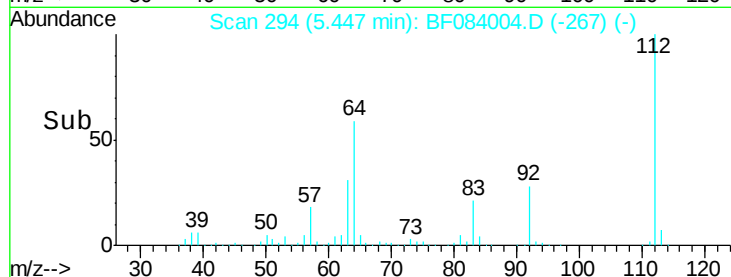
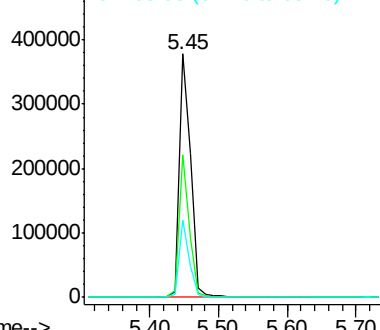
112 100

64 58.6 36.6 55.0#

63 31.5 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): B
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.25 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF084004.D

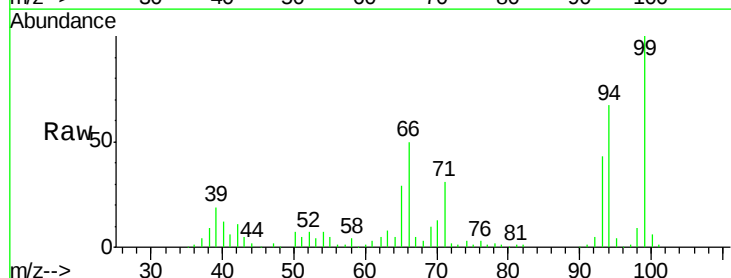
Acq: 22 Dec 2015 22:40

Tgt Ion: 93 Resp: 152710
Ion Ratio Lower Upper

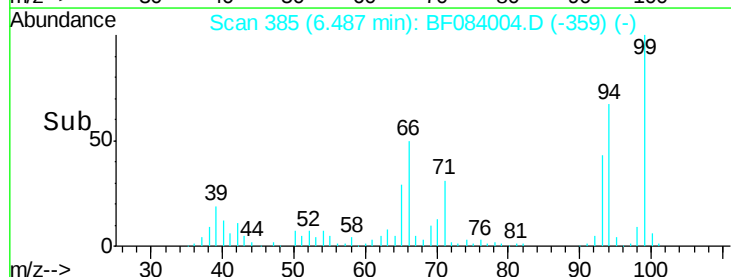
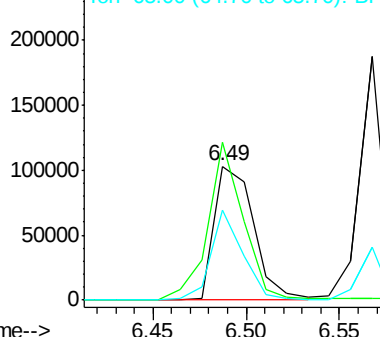
93 100

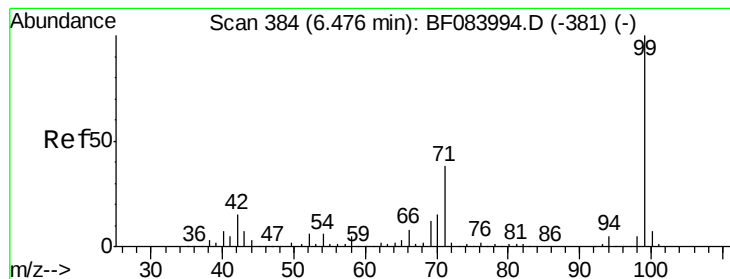
66 117.8 44.9 67.3#

65 67.1 23.7 35.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.73 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

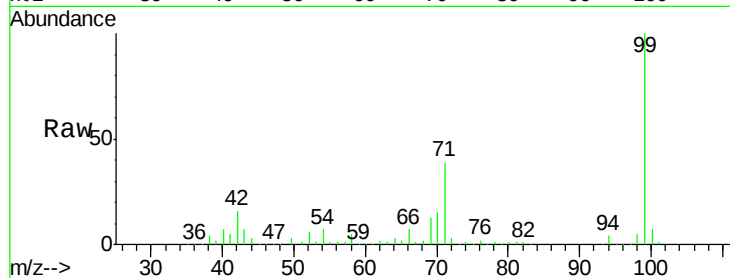
Tgt Ion: 99 Resp: 590276

Ion Ratio Lower Upper

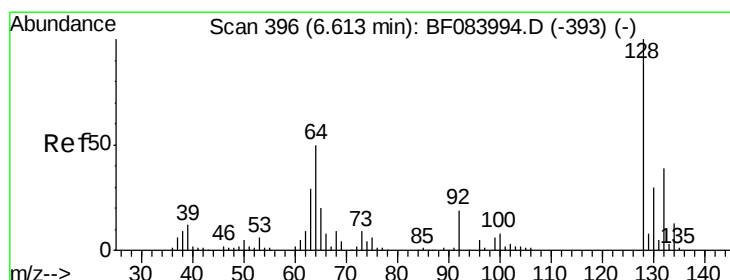
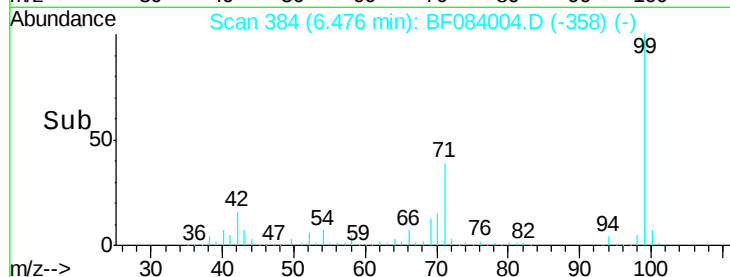
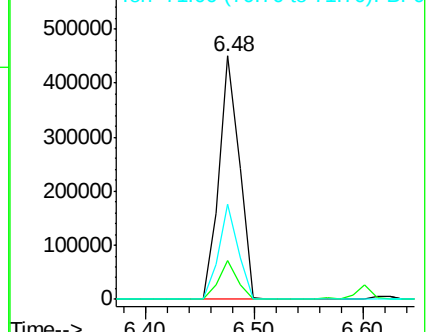
99 100

42 15.9 12.8 19.2

71 39.1 30.9 46.3



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



#8

2-Chlorophenol

Concen: 38.52 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

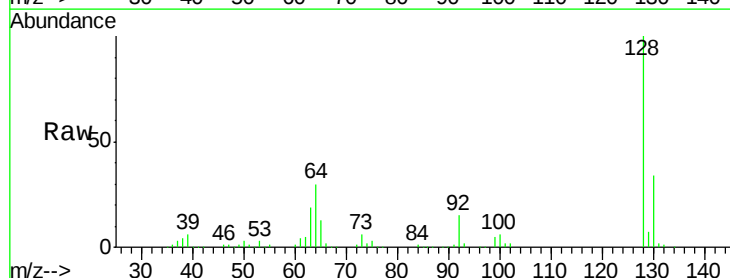
Tgt Ion: 128 Resp: 171658

Ion Ratio Lower Upper

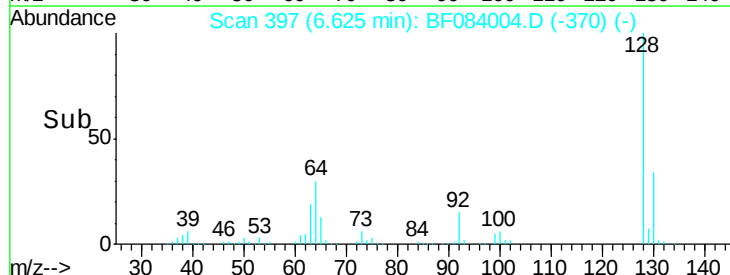
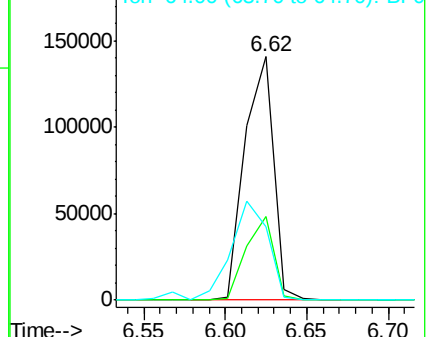
128 100

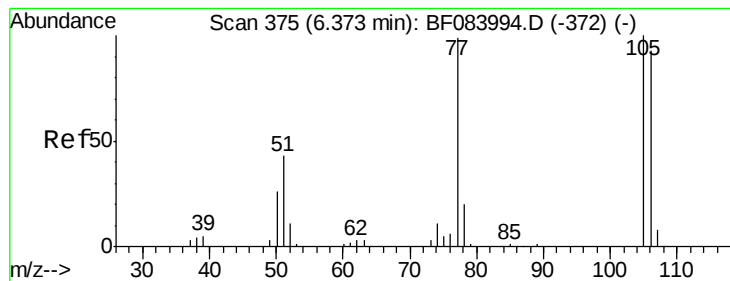
130 34.2 11.6 51.6

64 30.0 23.8 63.8



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





#9

Benzaldehyde

Concen: 18.57 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

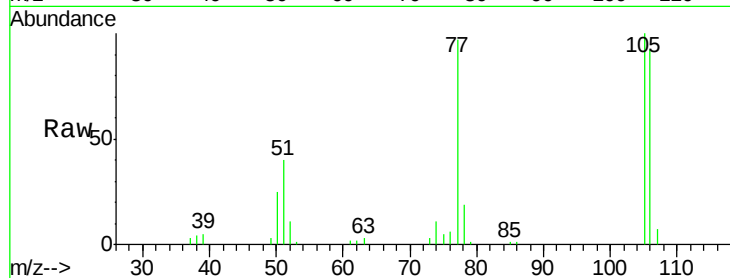
Tgt Ion: 77 Resp: 56439

Ion Ratio Lower Upper

77 100

105 103.3 83.0 123.0

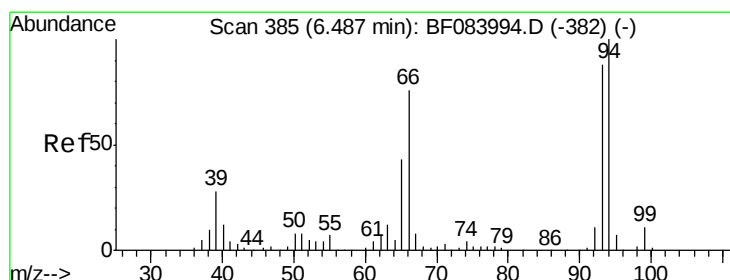
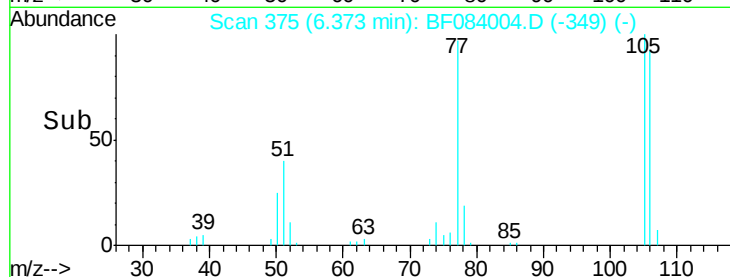
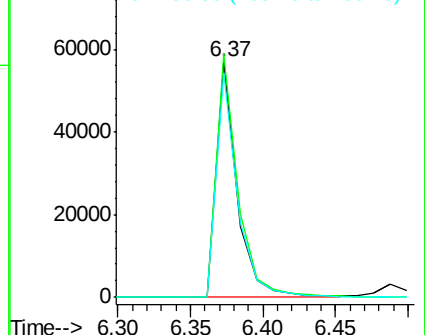
106 95.3 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.01 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

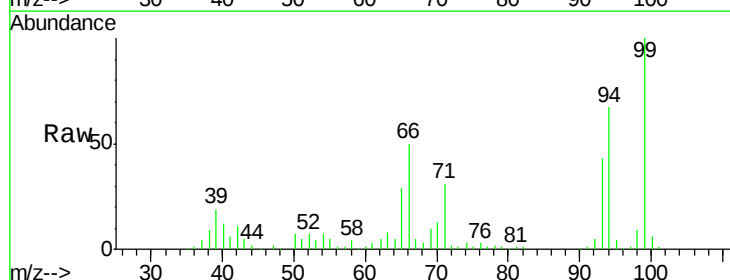
Tgt Ion: 94 Resp: 194800

Ion Ratio Lower Upper

94 100

65 42.9 12.9 52.9

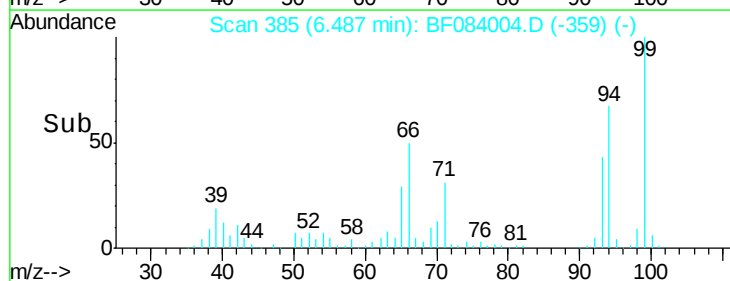
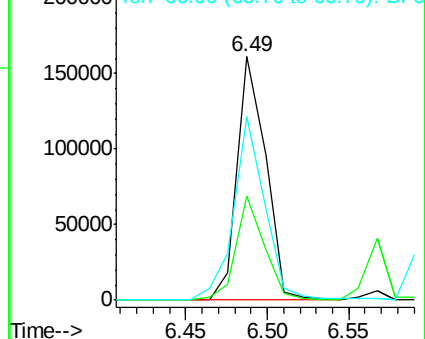
66 75.4 32.7 72.7#

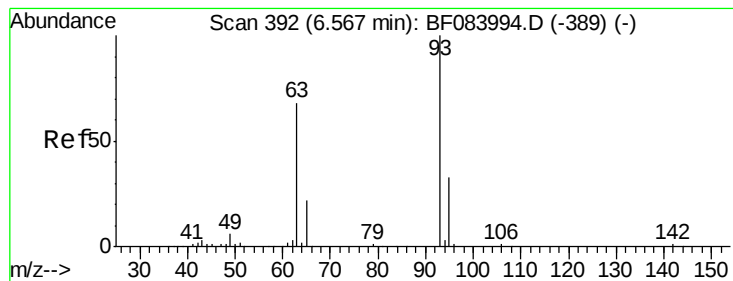


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.10 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

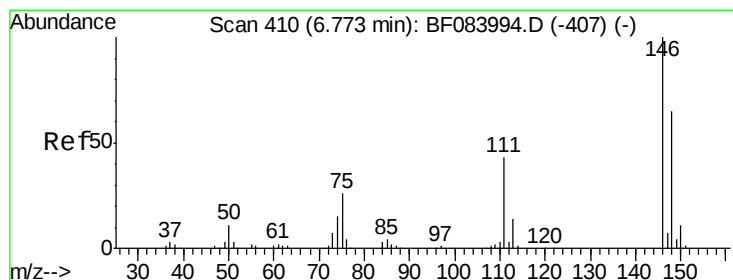
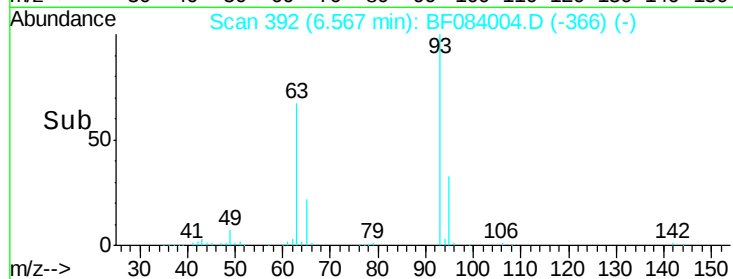
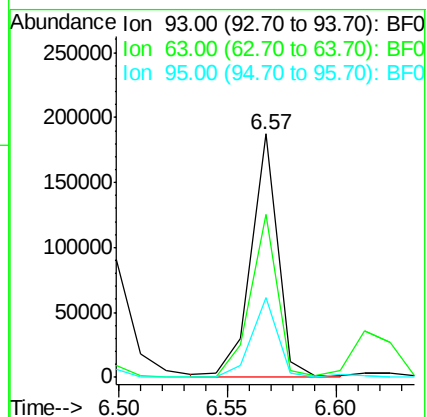
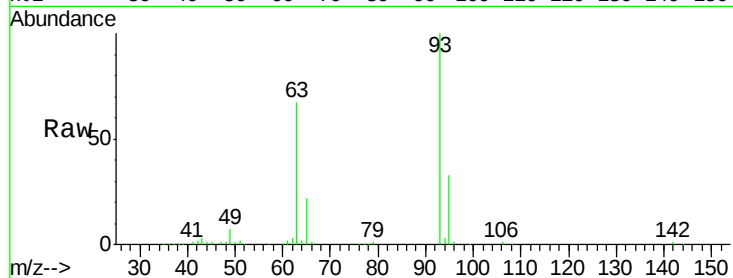
Tgt Ion: 93 Resp: 161293

Ion Ratio Lower Upper

93 100

63 66.8 45.9 85.9

95 32.9 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 40.18 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

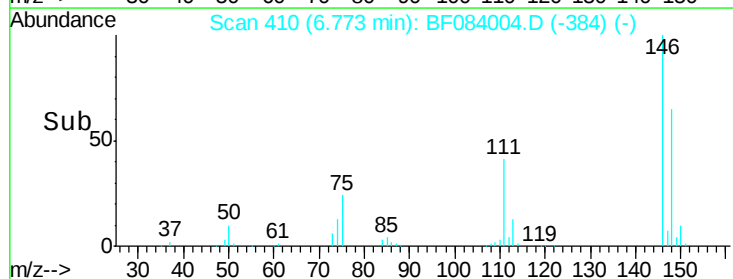
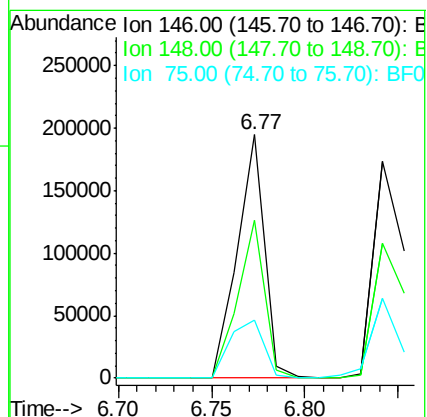
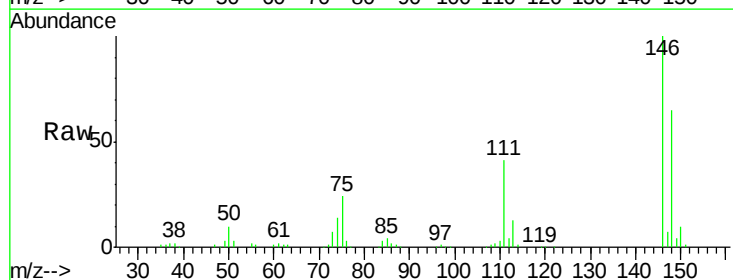
Tgt Ion: 146 Resp: 198963

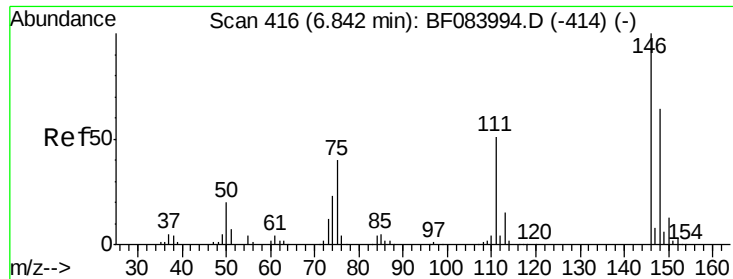
Ion Ratio Lower Upper

146 100

148 65.0 51.9 77.9

75 23.8 20.5 30.7

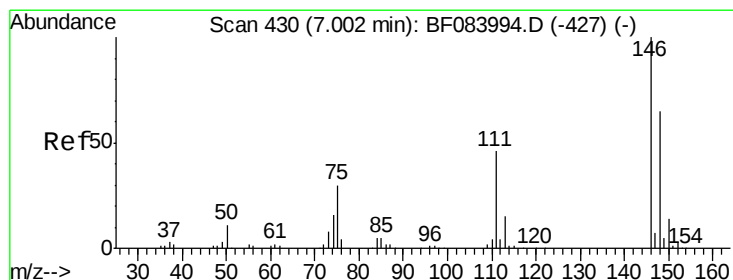
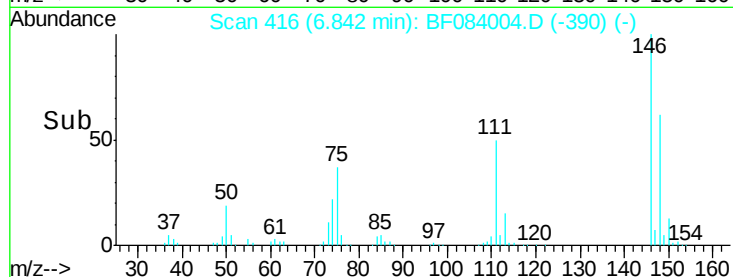
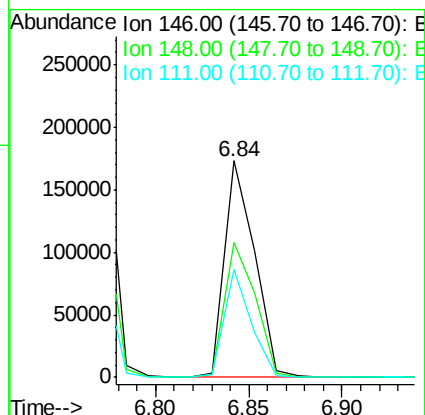
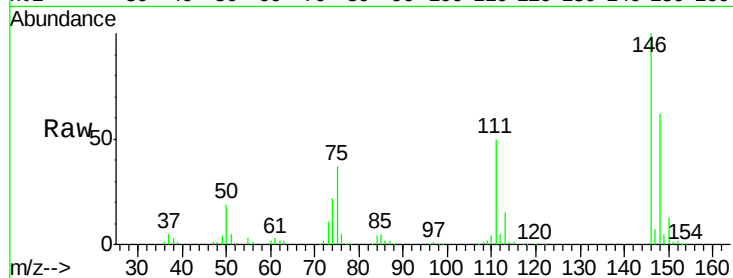




#13
 1,4-Dichlorobenzene
 Concen: 40.34 ng
 RT: 6.84 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

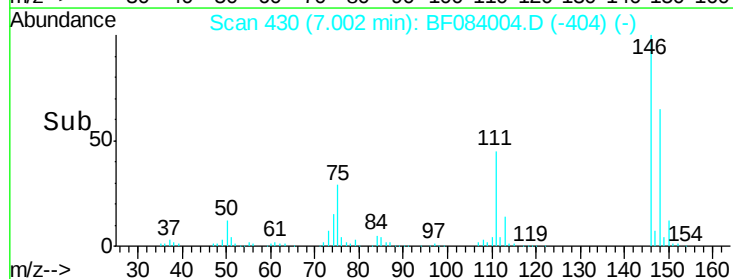
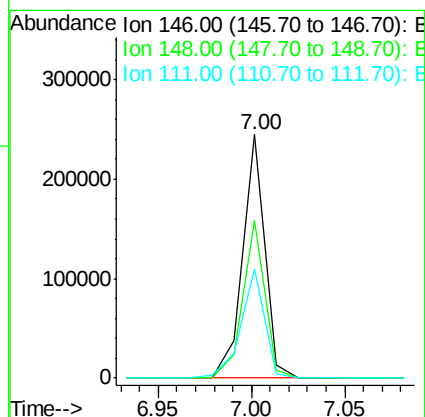
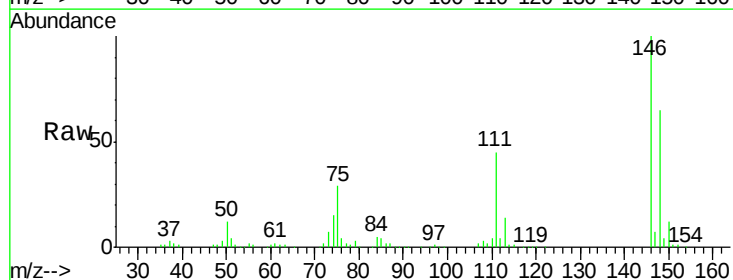
Instrument :
 BNA_F
 ClientSampleId :

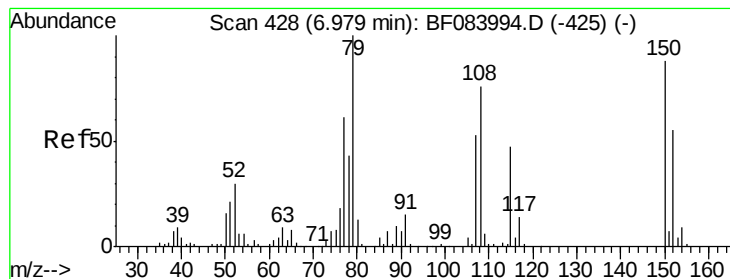
Tgt Ion:146 Resp: 195017
 Ion Ratio Lower Upper
 146 100
 148 62.0 51.9 77.9
 111 49.7 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 43.93 ng
 RT: 7.00 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Tgt Ion:146 Resp: 203021
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.6 77.4
 111 44.9 38.0 57.0





#15

Benzyl Alcohol

Concen: 45.01 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Instrument :

BNA_F

ClientSampled :

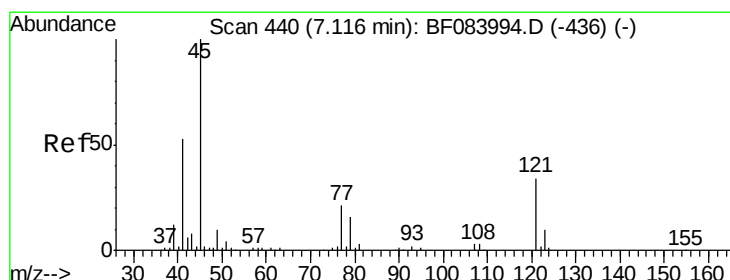
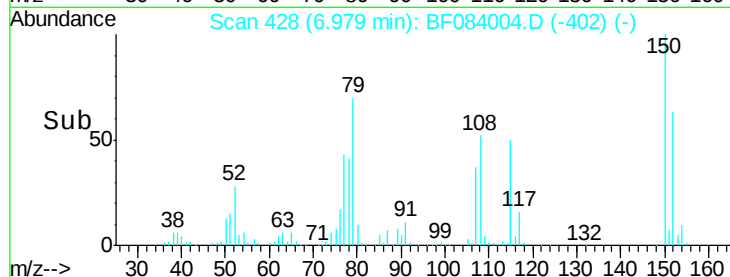
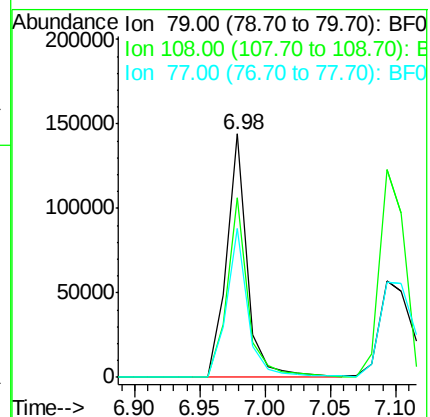
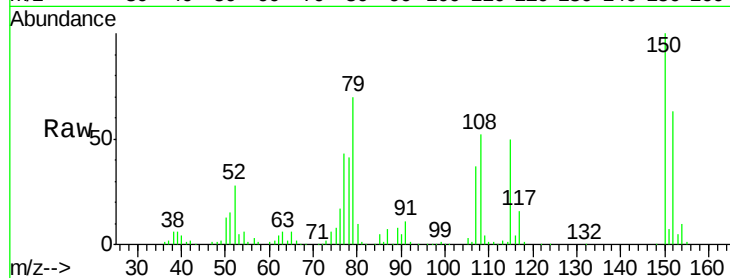
Tgt Ion: 79 Resp: 161248

Ion Ratio Lower Upper

79 100

108 73.7 69.0 103.4

77 61.2 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.18 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

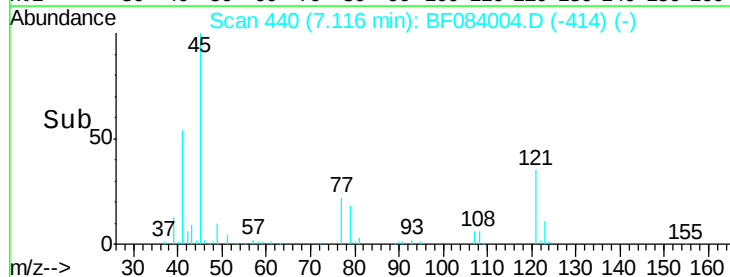
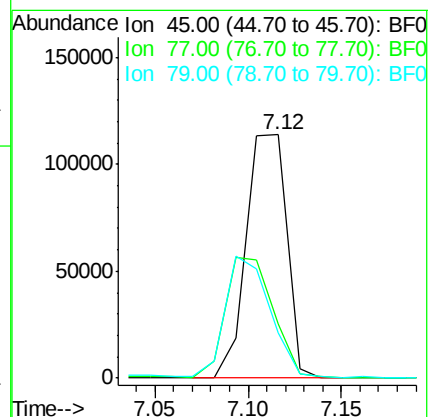
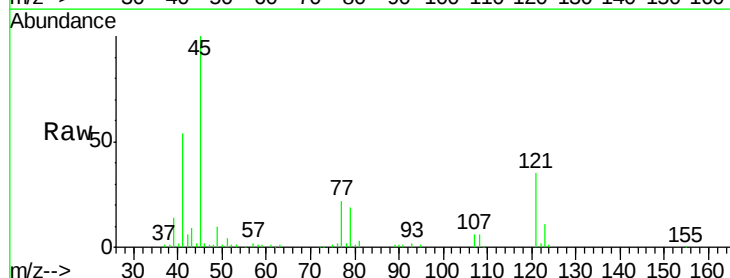
Tgt Ion: 45 Resp: 171564

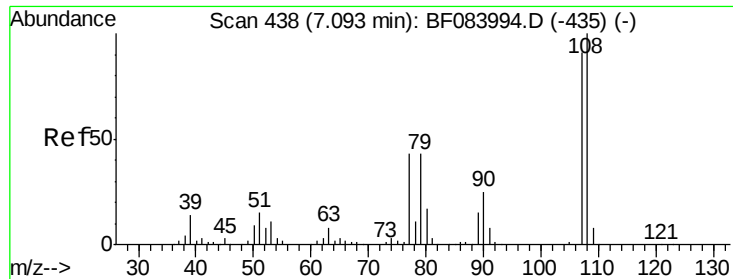
Ion Ratio Lower Upper

45 100

77 22.4 0.0 39.6

79 18.6 0.0 35.0

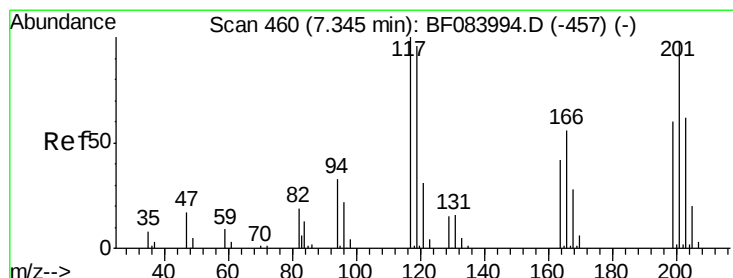
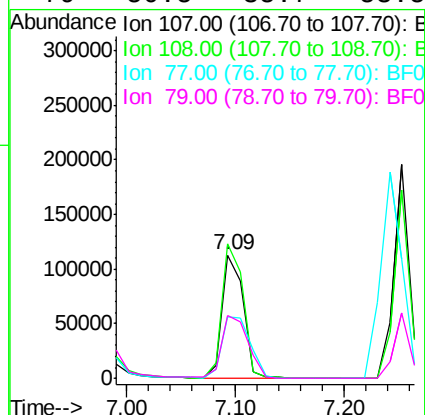
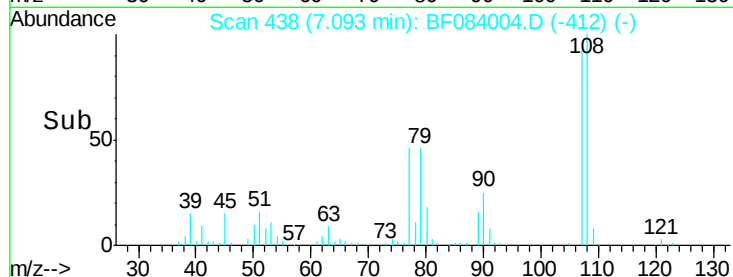
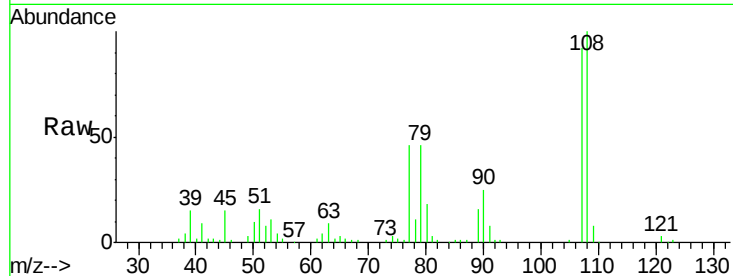




#17
2-Methylphenol
Concen: 43.31 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF084004.D
Acq: 22 Dec 2015 22:40

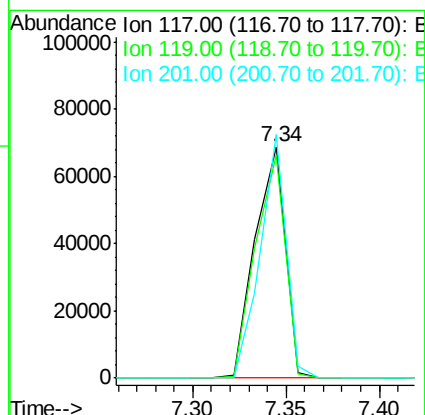
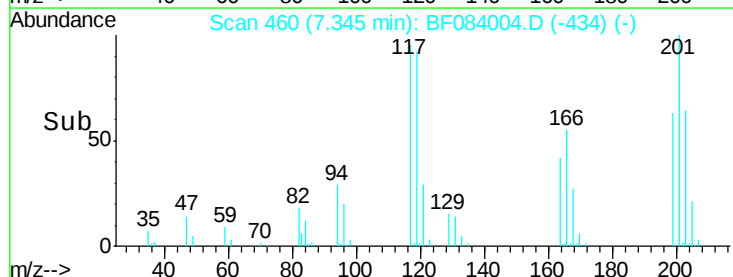
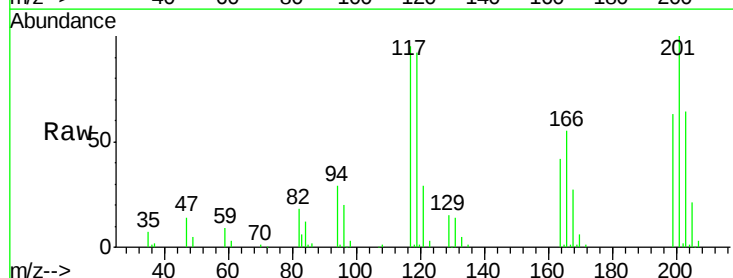
Instrument :
BNA_F
ClientSampleID :

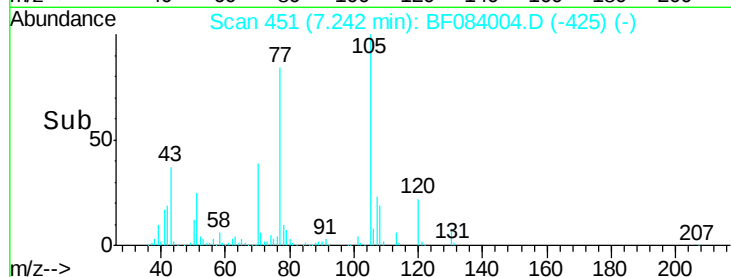
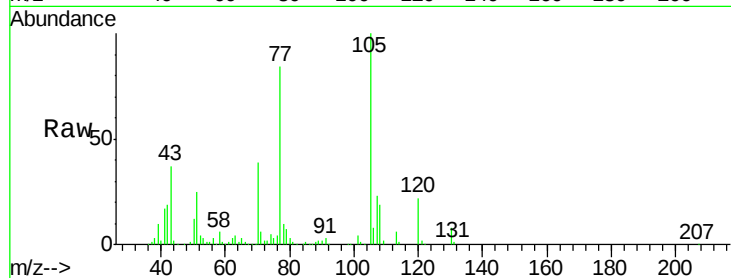
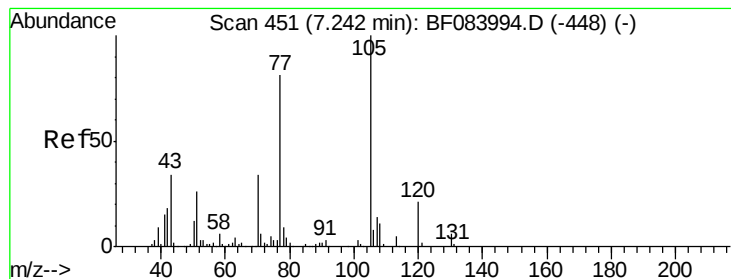
Tgt Ion:107 Resp: 153754
Ion Ratio Lower Upper
107 100
108 108.9 89.8 134.6
77 49.9 35.7 53.5
79 50.5 35.7 53.5



#18
Hexachloroethane
Concen: 43.48 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF084004.D
Acq: 22 Dec 2015 22:40

Tgt Ion:117 Resp: 77088
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.0
201 105.3 68.6 103.0#





#19

n-Nitroso-di-n-propylamine

Concen: 44.30 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 70 Resp: 122147

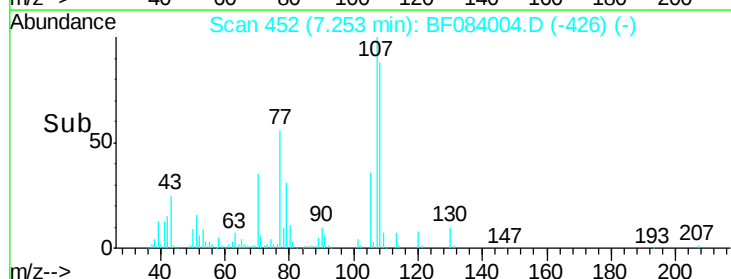
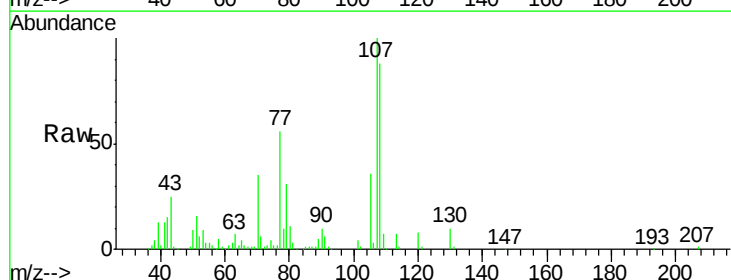
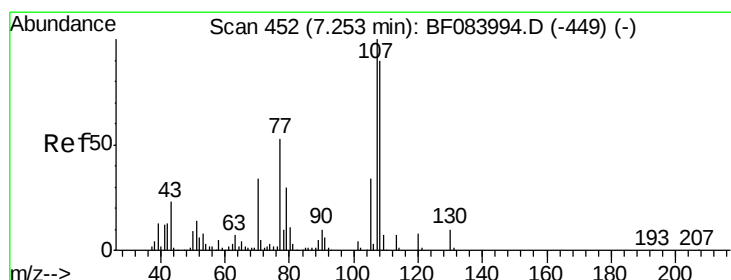
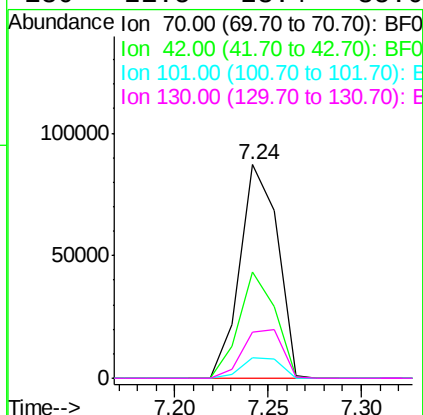
Ion Ratio Lower Upper

70 100

42 50.1 33.3 49.9#

101 9.6 9.3 13.9

130 21.5 23.4 35.0#



#20

3+4-Methylphenols

Concen: 46.29 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Tgt Ion: 107 Resp: 202798

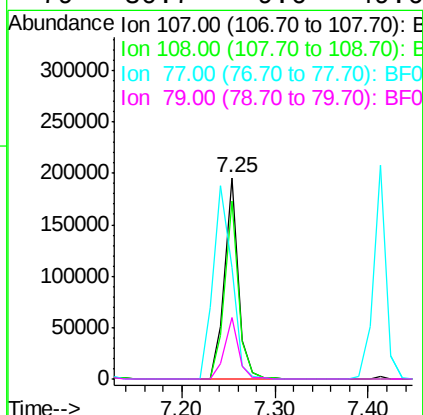
Ion Ratio Lower Upper

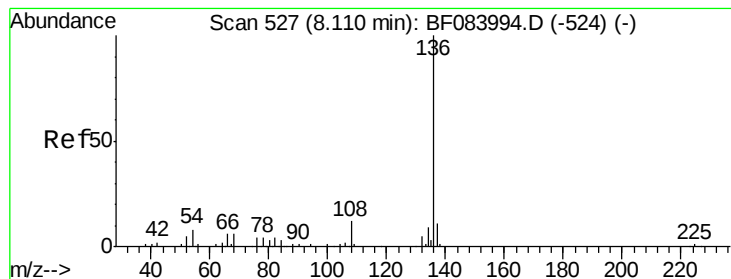
107 100

108 88.1 64.1 104.1

77 55.5 128.9 168.9#

79 30.7 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 238319

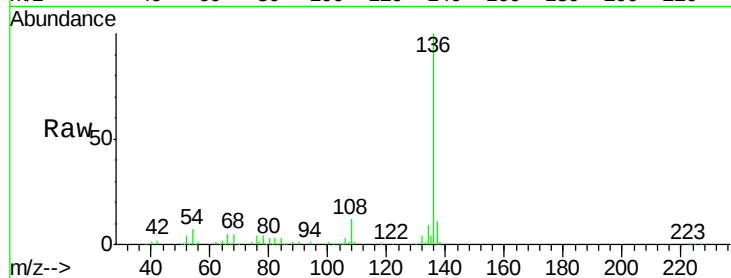
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 6.8 5.8 8.8

68 4.8 4.2 6.2

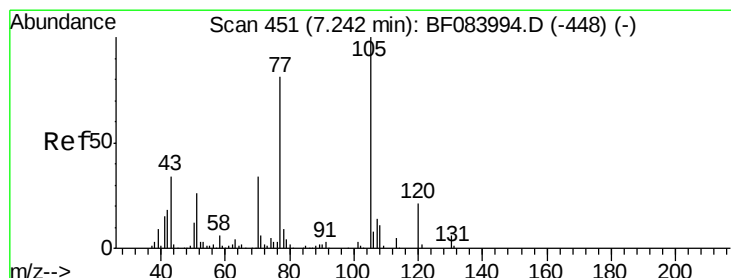
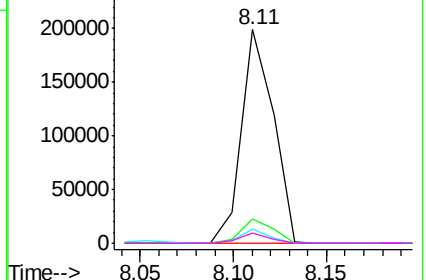
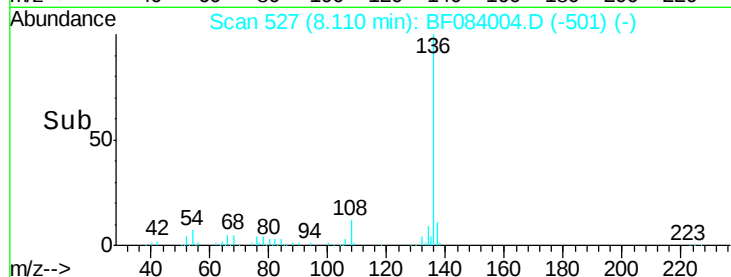


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 46.99 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Tgt Ion:105 Resp: 262753

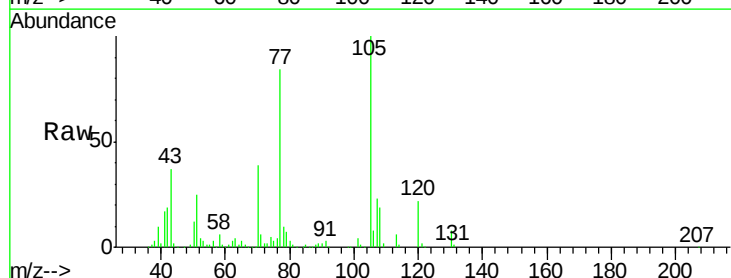
Ion Ratio Lower Upper

105 100

71 6.3 3.7 5.5#

51 25.4 25.1 37.7

120 21.9 16.6 25.0

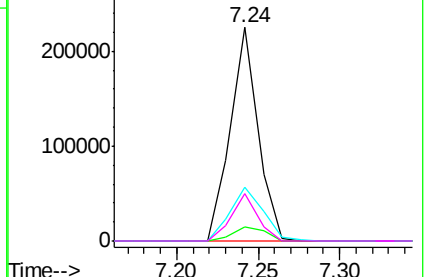
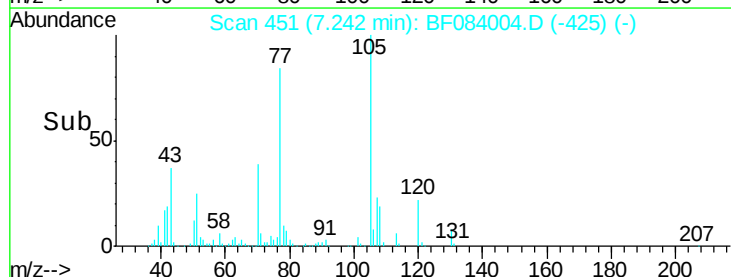


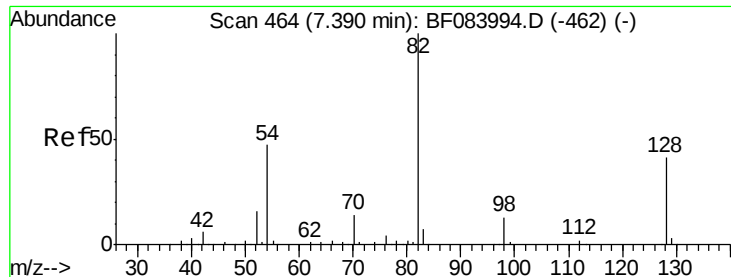
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

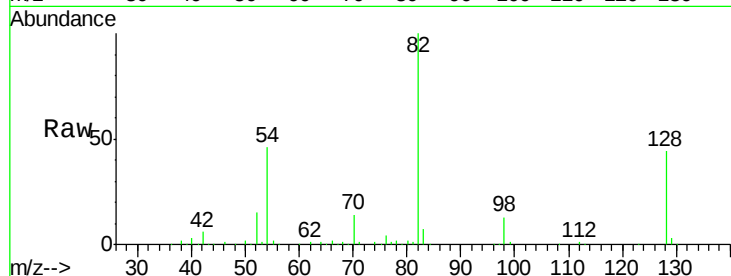




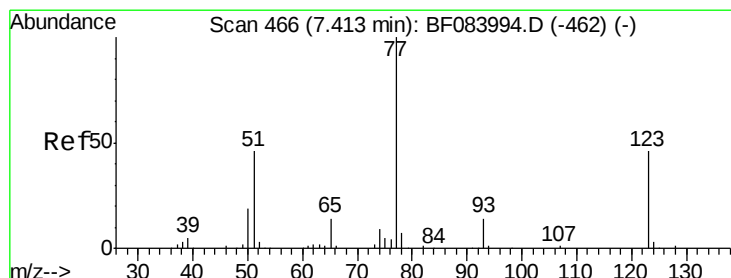
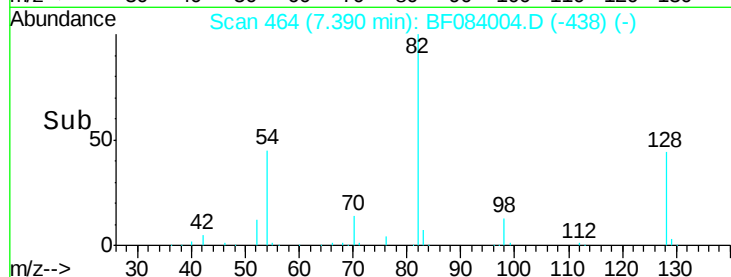
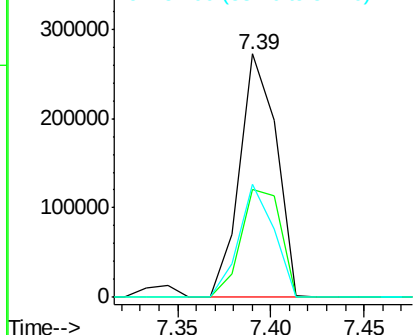
#23
 Nitrobenzene-d5
 Concen: 95.88 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 82 Resp: 371938
 Ion Ratio Lower Upper
 82 100
 128 44.2 34.6 51.8
 54 46.3 38.4 57.6

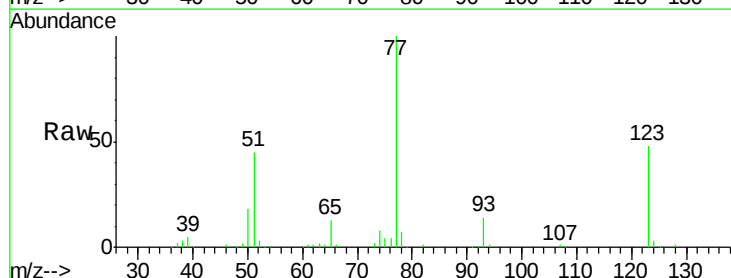


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

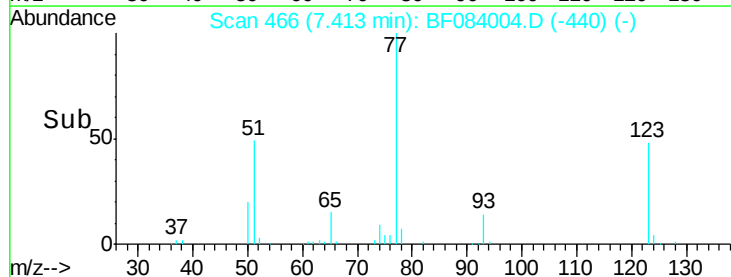
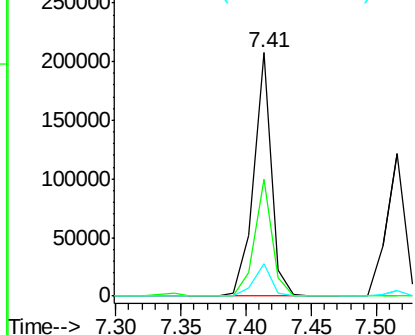


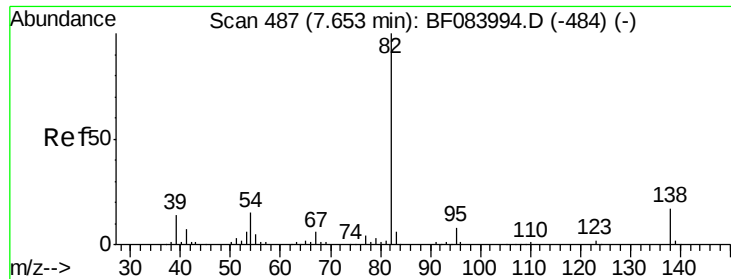
#24
 Nitrobenzene
 Concen: 49.15 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Tgt Ion: 77 Resp: 196506
 Ion Ratio Lower Upper
 77 100
 123 48.1 37.4 56.2
 65 13.4 10.9 16.3



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





#25

Isophorone

Concen: 40.00 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

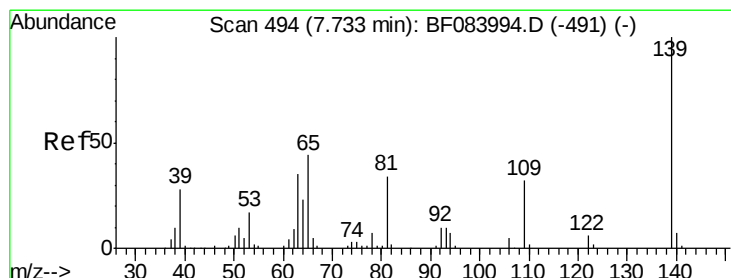
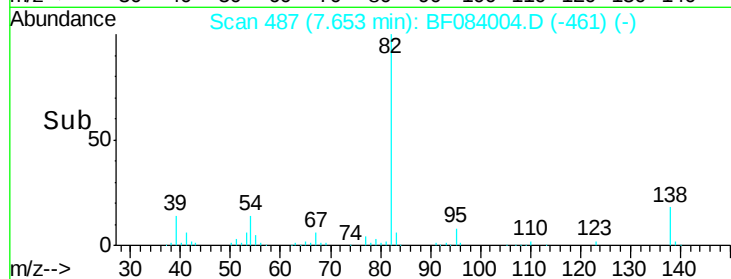
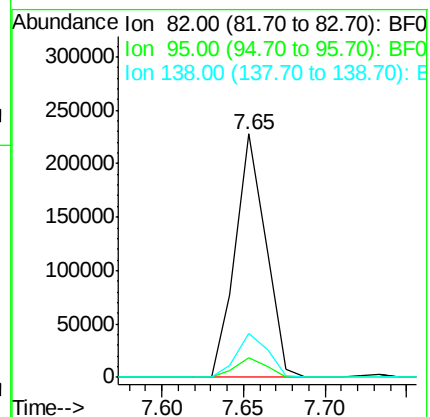
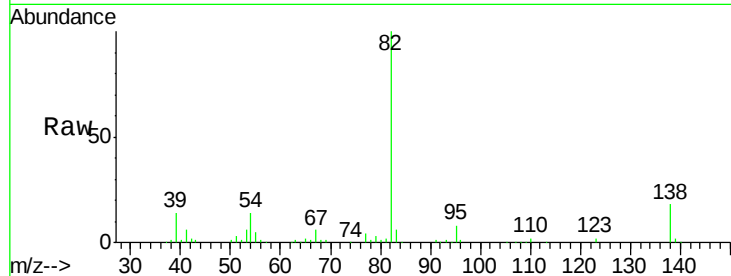
Tgt Ion: 82 Resp: 294011

Ion Ratio Lower Upper

82 100

95 8.1 6.6 10.0

138 17.9 13.6 20.4



#26

2-Nitrophenol

Concen: 42.72 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

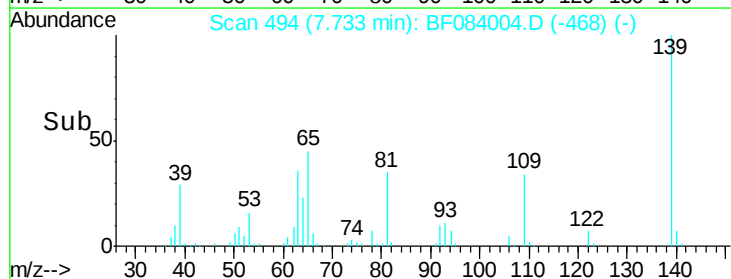
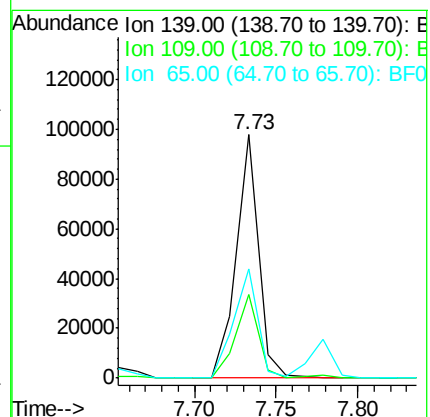
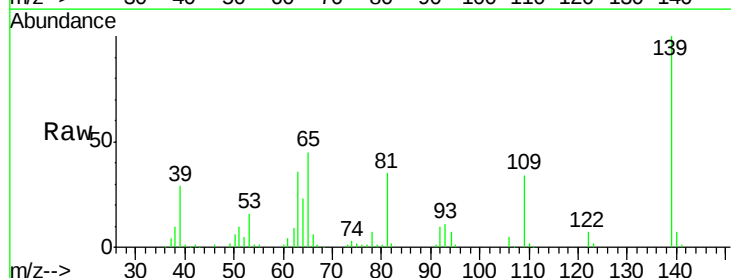
Tgt Ion: 139 Resp: 91930

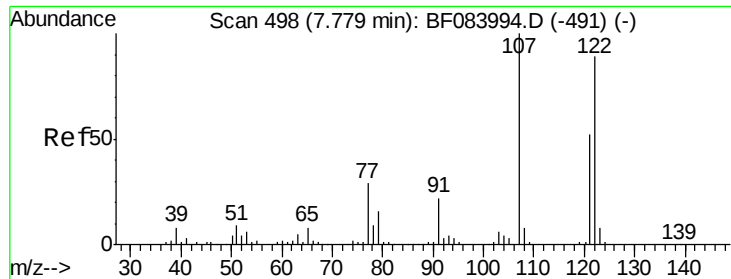
Ion Ratio Lower Upper

139 100

109 34.3 25.4 38.2

65 44.7 32.3 48.5





#27

2,4-Dimethylphenol

Concen: 45.22 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

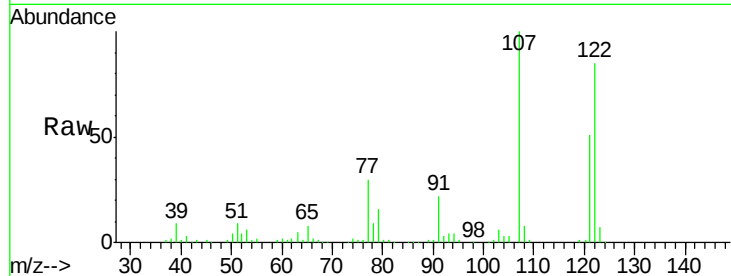
Tgt Ion:122 Resp: 169588

Ion Ratio Lower Upper

122 100

107 117.7 99.1 148.7

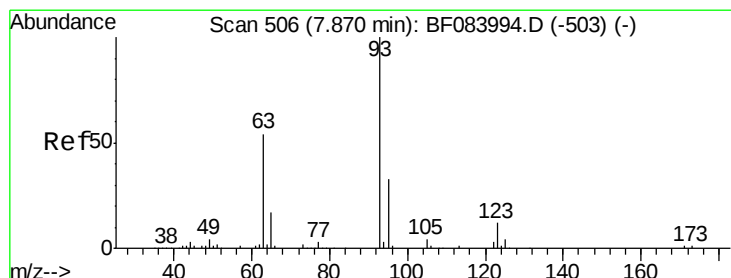
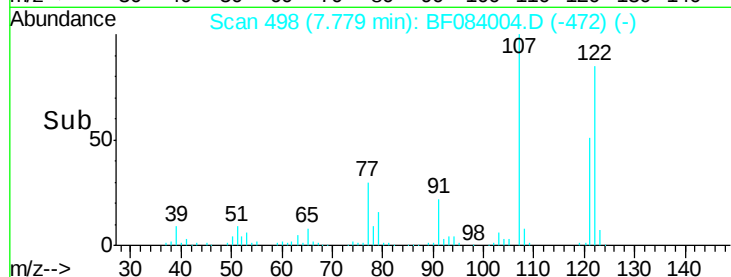
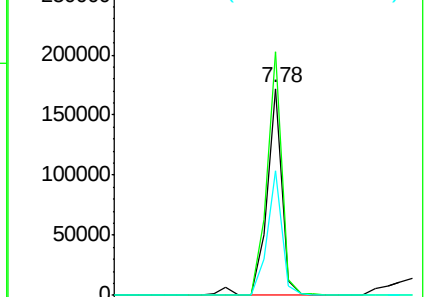
121 60.0 47.9 71.9



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: 40.36 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

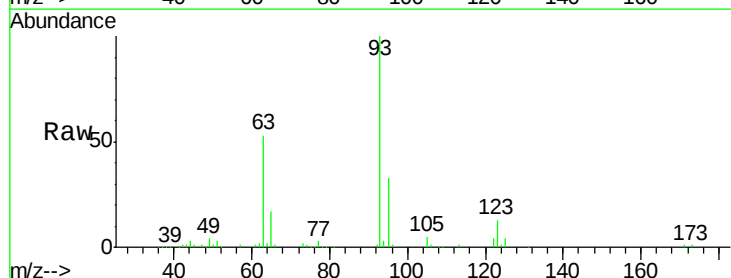
Tgt Ion: 93 Resp: 183773

Ion Ratio Lower Upper

93 100

95 33.0 25.8 38.6

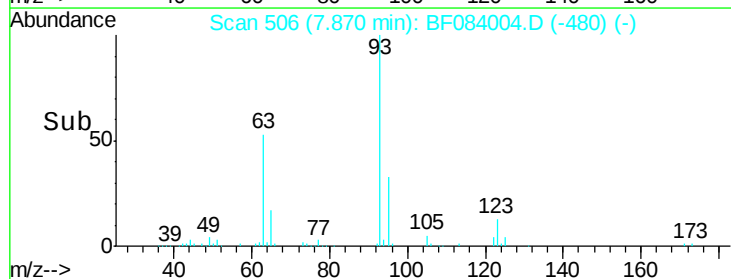
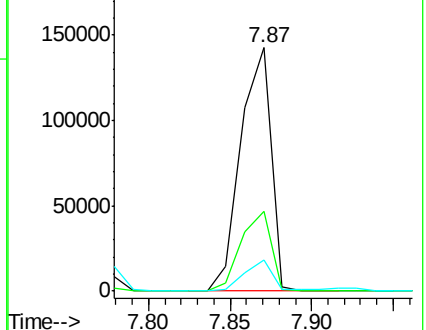
123 12.7 8.6 12.8

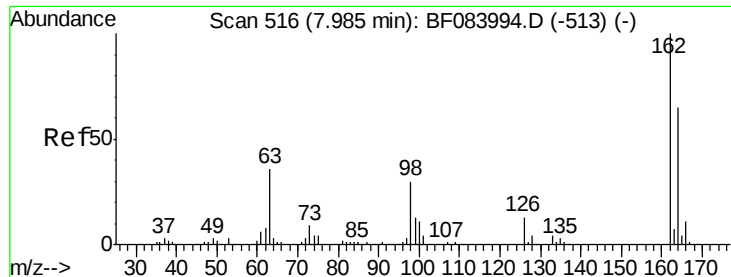


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

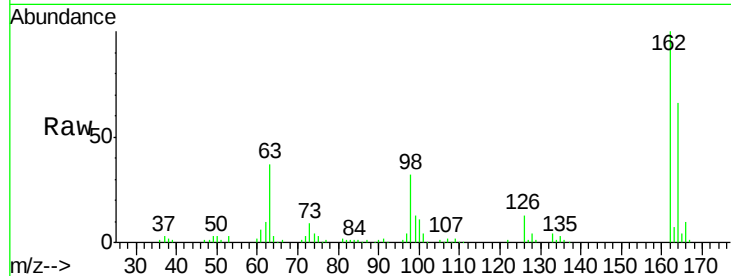




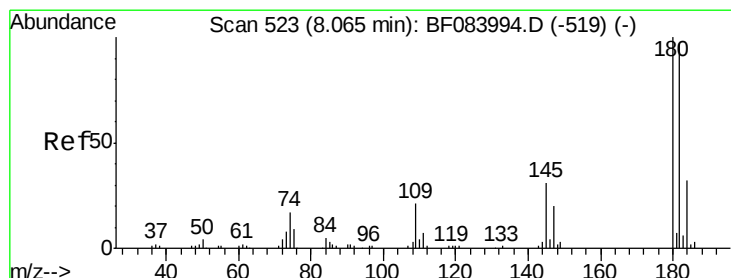
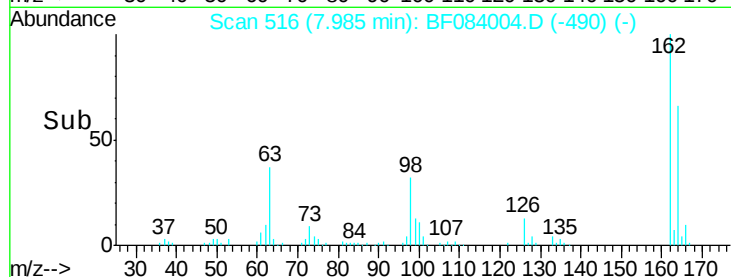
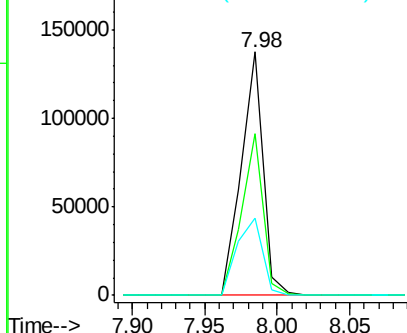
#29
 2,4-Dichlorophenol
 Concen: 42.93 ng
 RT: 7.98 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.2	44.1	84.1
98	31.5	20.2	60.2

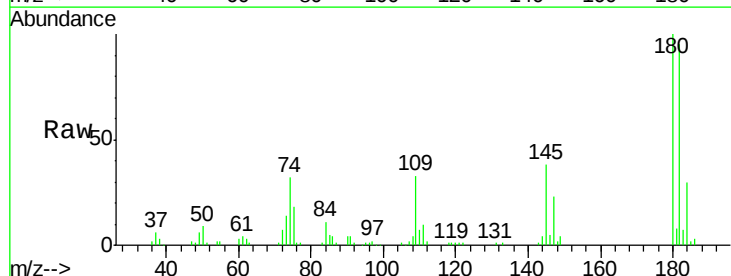


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

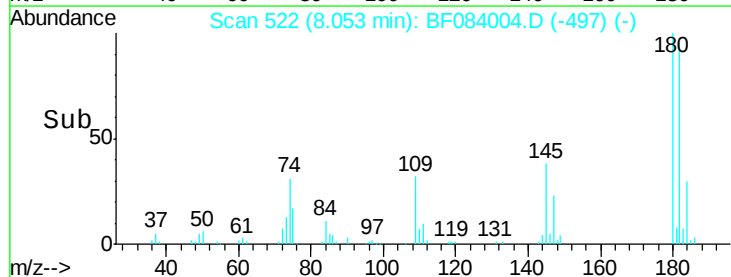
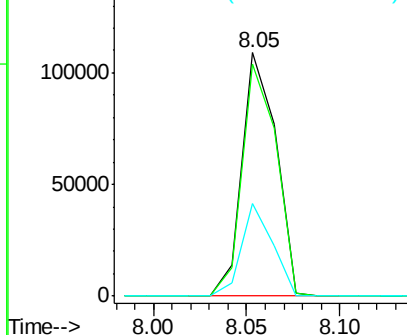


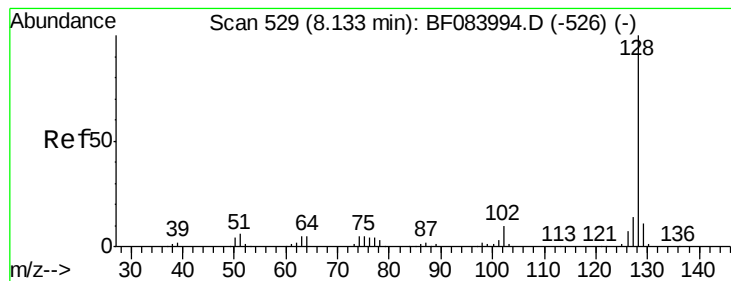
#30
 1,2,4-Trichlorobenzene
 Concen: 39.51 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.4	114.6
145	37.8	31.6	47.4



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: 38.77 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

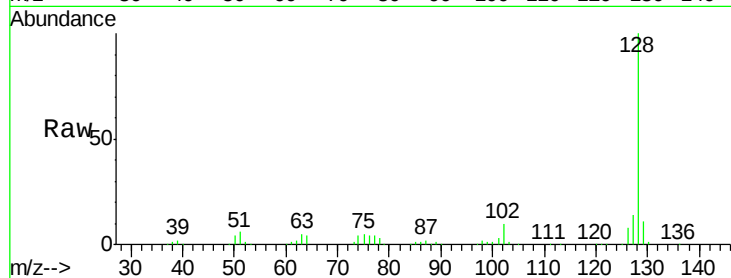
Tgt Ion:128 Resp: 472006

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

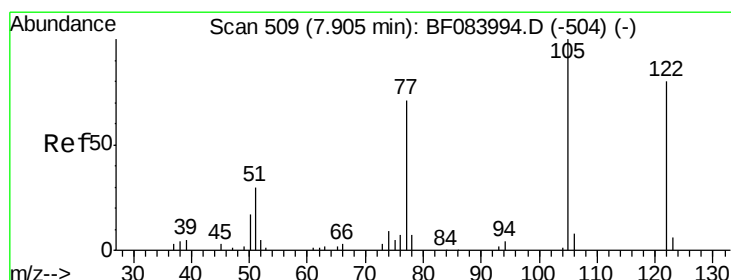
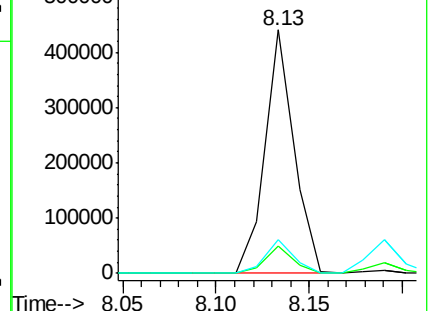
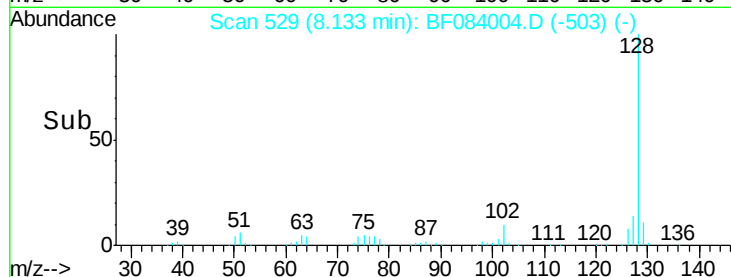
127 13.7 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.75 ng

RT: 7.93 min Scan# 511

Delta R.T. 0.02 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

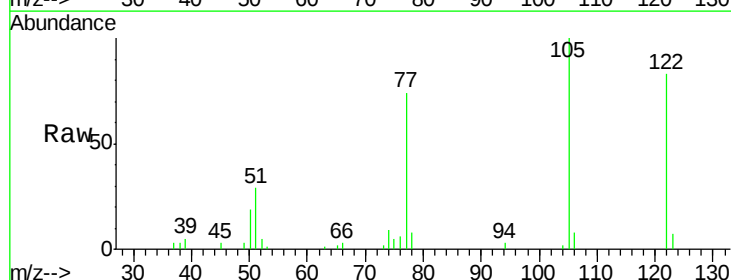
Tgt Ion:122 Resp: 68945

Ion Ratio Lower Upper

122 100

105 120.3 100.3 140.3

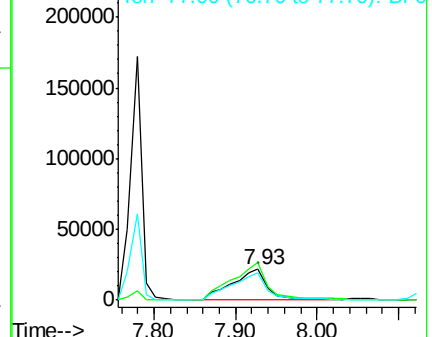
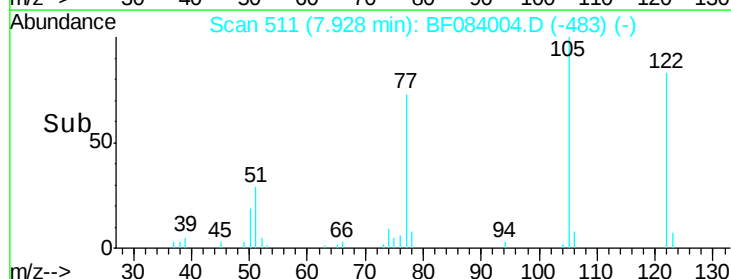
77 89.5 63.5 103.5

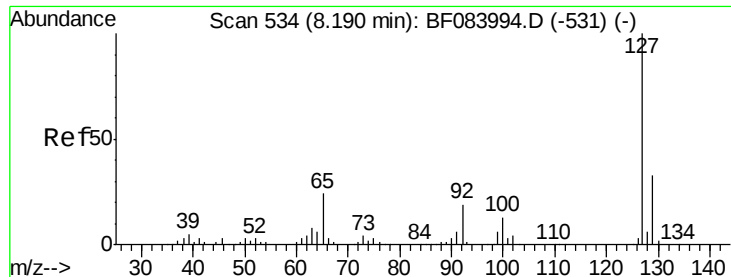


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

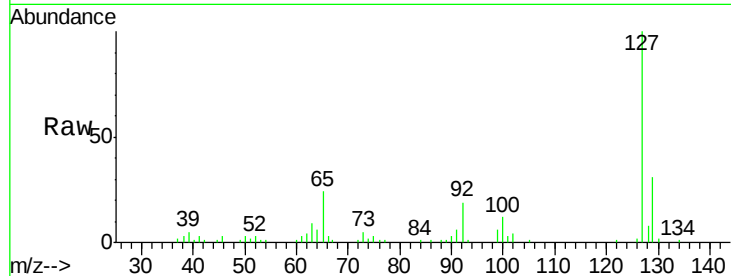




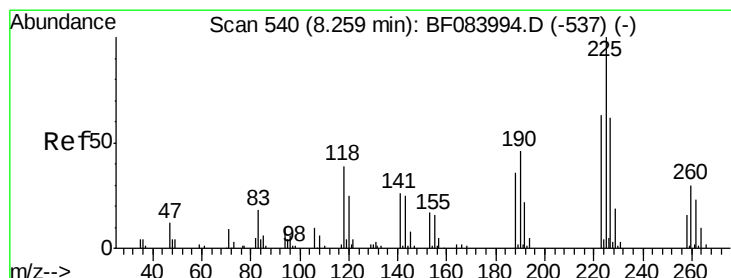
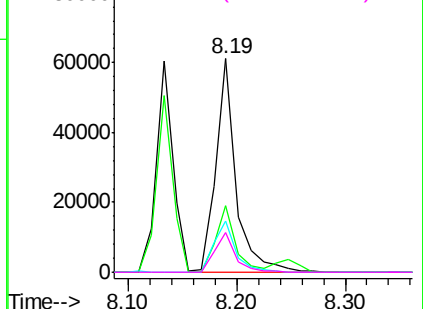
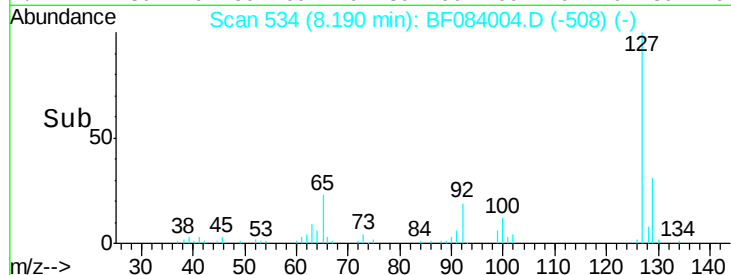
#33
4-Chloroaniline
Concen: 15.87 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF084004.D
Acq: 22 Dec 2015 22:40

Instrument :
BNA_F
ClientSampled :

Tgt Ion:127 Resp: 79020
Ion Ratio Lower Upper
127 100
129 31.3 26.5 39.7
65 24.0 27.2 40.8#
92 18.5 17.7 26.5

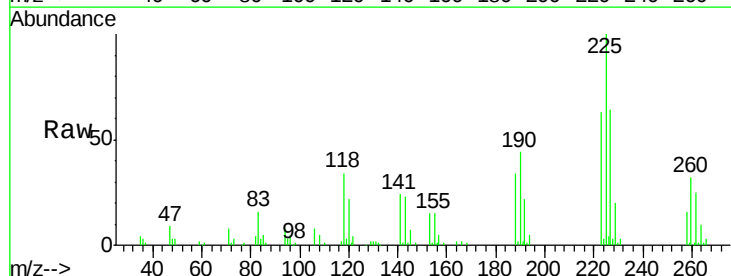


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

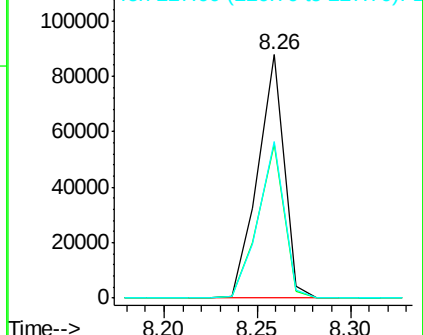
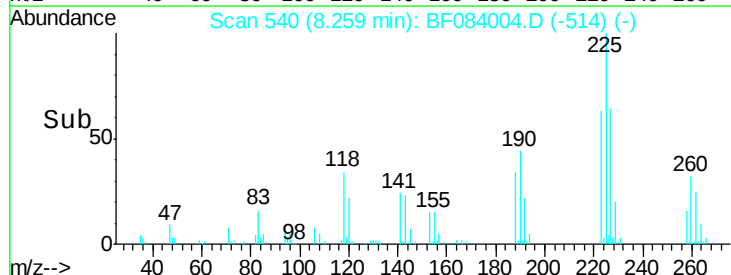


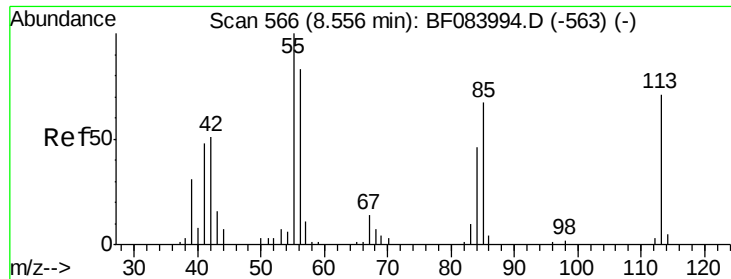
#34
Hexachlorobutadiene
Concen: 41.22 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF084004.D
Acq: 22 Dec 2015 22:40

Tgt Ion:225 Resp: 86105
Ion Ratio Lower Upper
225 100
223 63.4 49.4 74.0
227 64.2 50.8 76.2



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

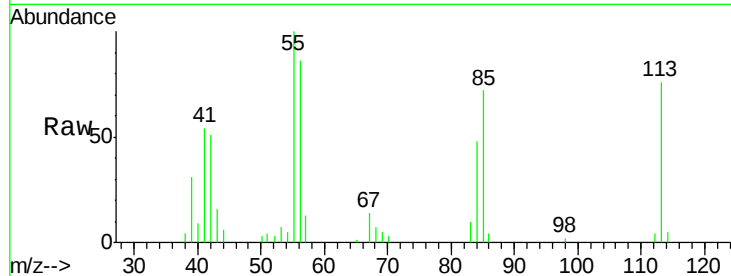




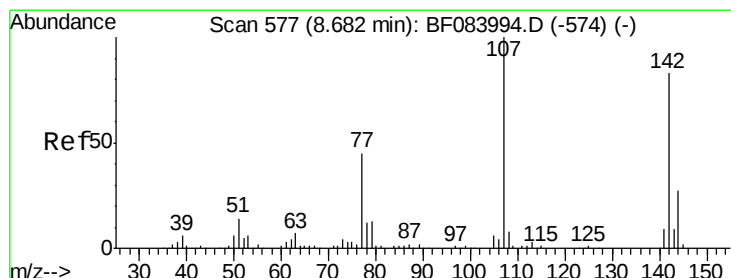
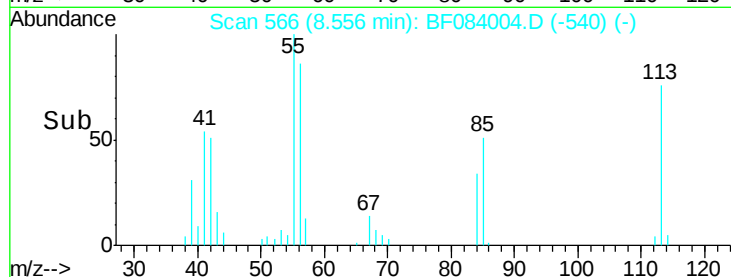
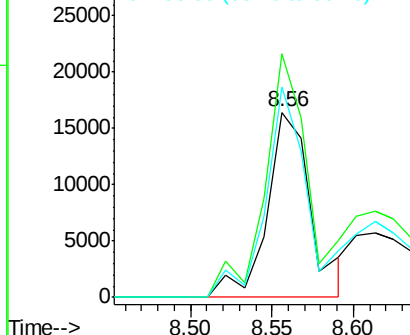
#35
 Caprolactam
 Concen: 30.28 ng
 RT: 8.56 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Instrument :
 BNA_F
 ClientSampleID :

Tgt Ion:113 Resp: 30486
 Ion Ratio Lower Upper
 113 100
 55 131.8 116.9 156.9
 56 113.6 93.8 133.8

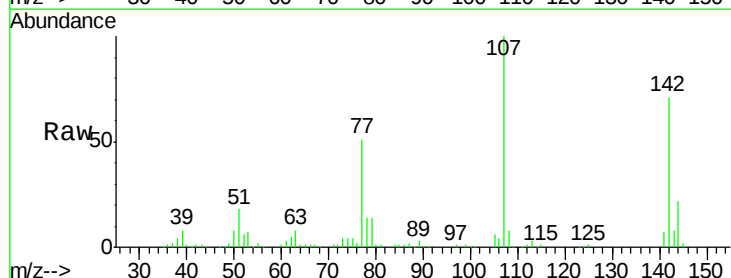


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

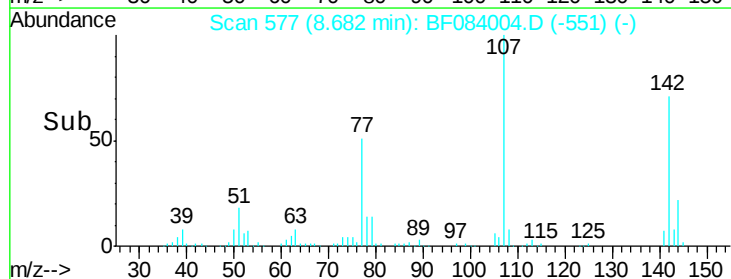
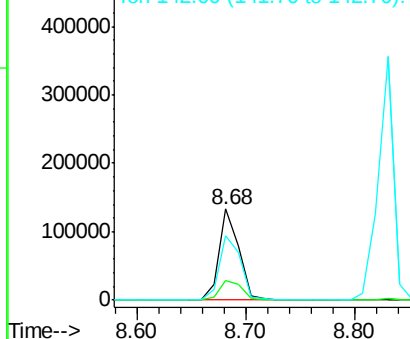


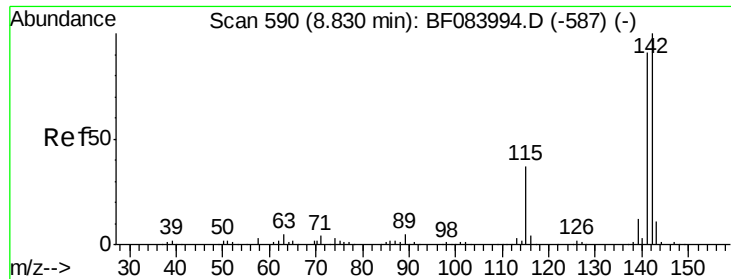
#36
 4-Chloro-3-methylphenol
 Concen: 46.83 ng
 RT: 8.68 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Tgt Ion:107 Resp: 167827
 Ion Ratio Lower Upper
 107 100
 144 22.1 19.7 29.5
 142 71.0 61.8 92.6



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

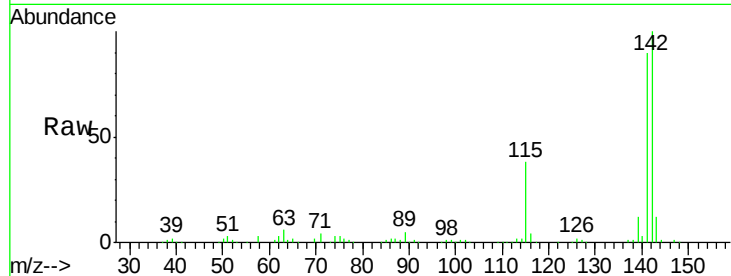




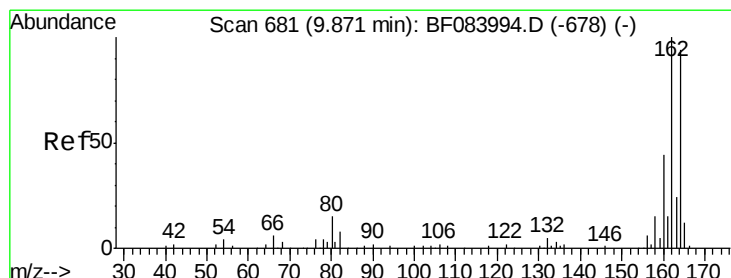
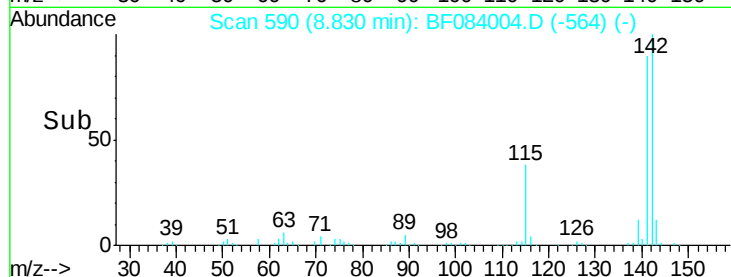
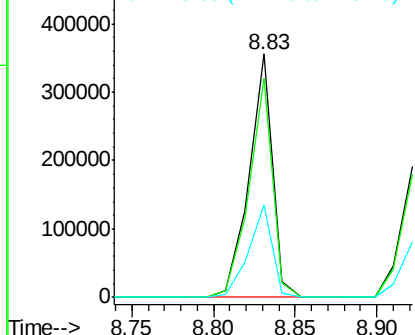
#37
 2-Methylnaphthalene
 Concen: 44.87 ng
 RT: 8.83 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:142 Resp: 353771
 Ion Ratio Lower Upper
 142 100
 141 90.1 72.4 108.6
 115 38.2 27.9 41.9

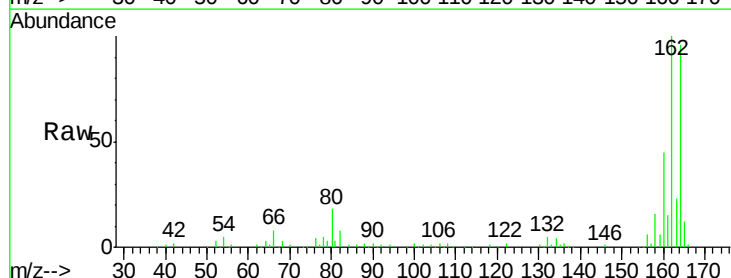


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

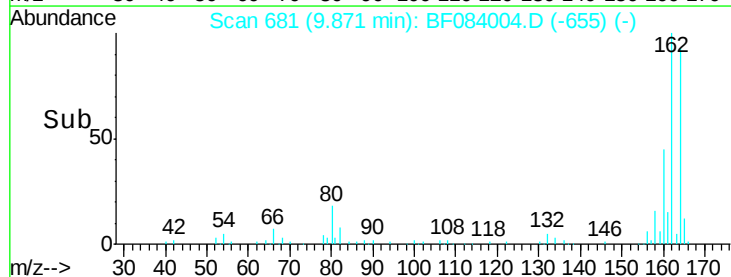
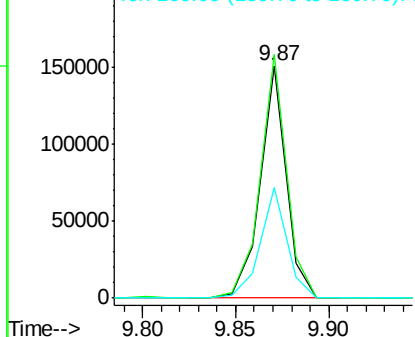


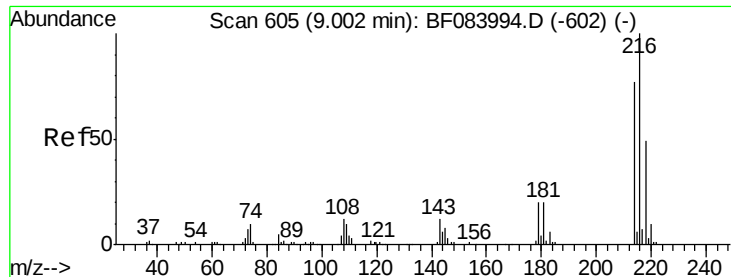
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Tgt Ion:164 Resp: 144299
 Ion Ratio Lower Upper
 164 100
 162 104.7 85.1 127.7
 160 47.5 37.5 56.3



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

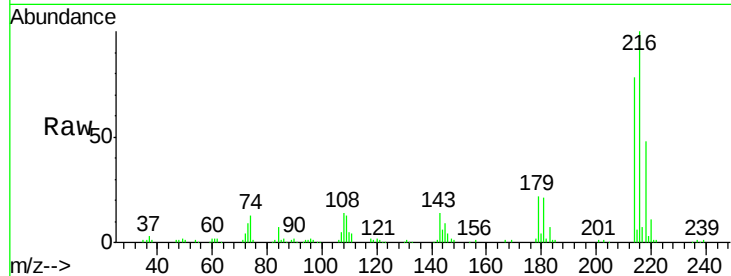




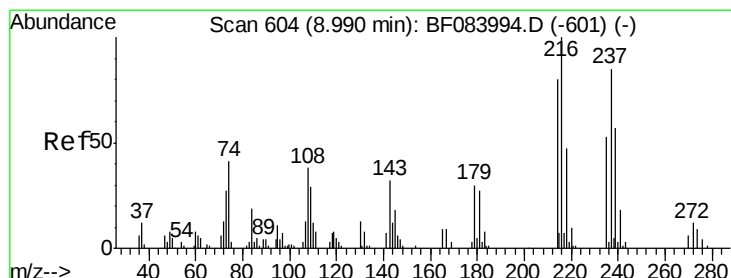
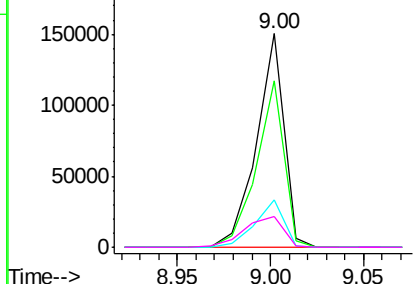
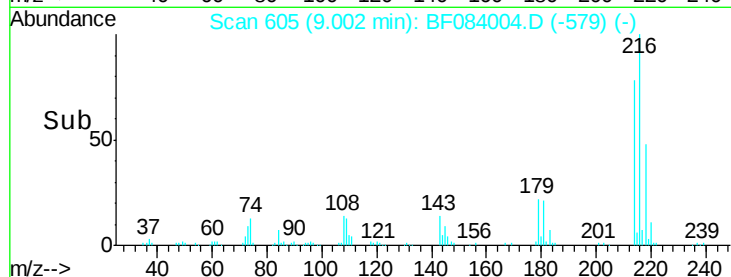
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.12 ng
 RT: 9.00 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	216	Resp:	152360
Ion	Ratio	Lower	Upper
216	100		
214	78.4	64.2	96.2
179	23.1	18.7	28.1
108	20.7	16.8	25.2

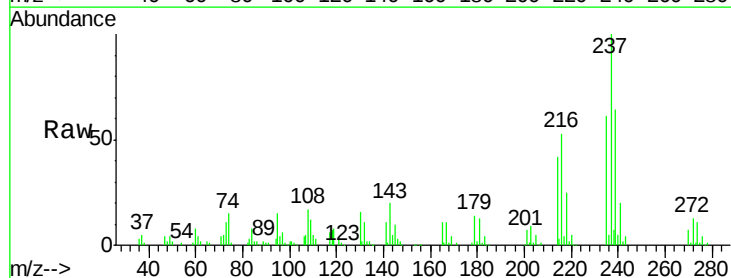


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

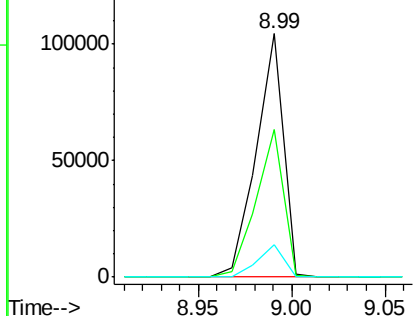
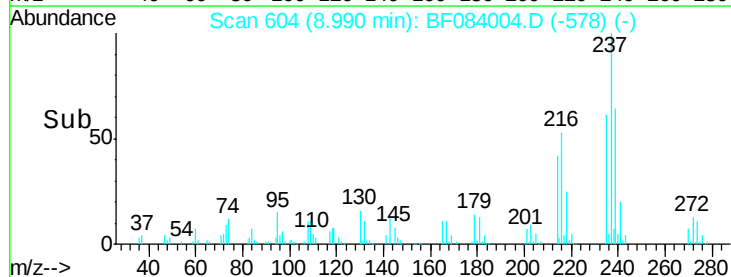


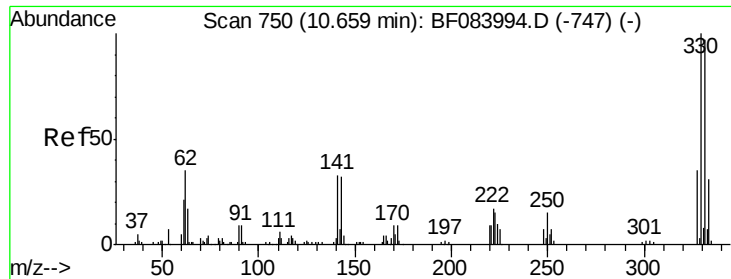
#40
 Hexachlorocyclopentadiene
 Concen: 77.19 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Tgt Ion:	237	Resp:	105278
Ion	Ratio	Lower	Upper
237	100		
235	60.6	43.1	83.1
272	13.2	0.0	35.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

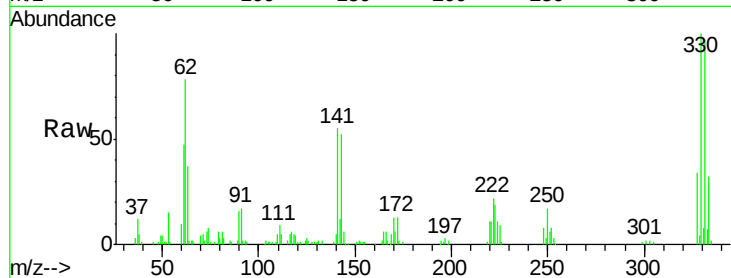




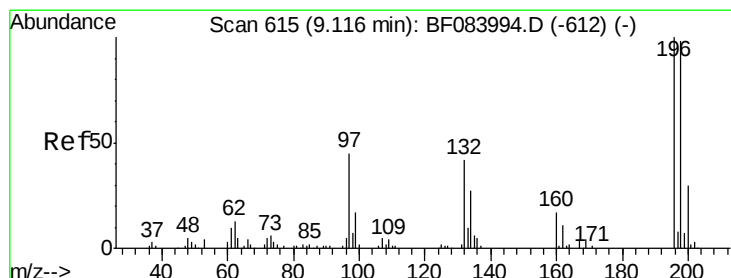
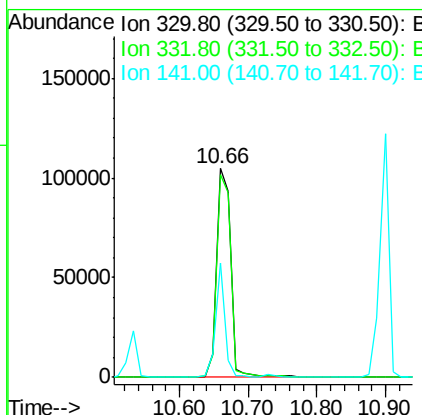
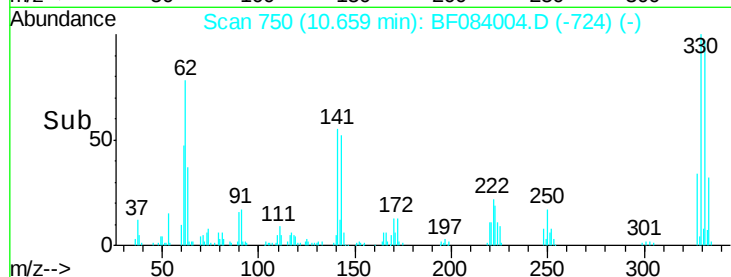
#41
 2,4,6-Tribromophenol
 Concen: 110.24 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 153009
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 36.5 27.8 41.6

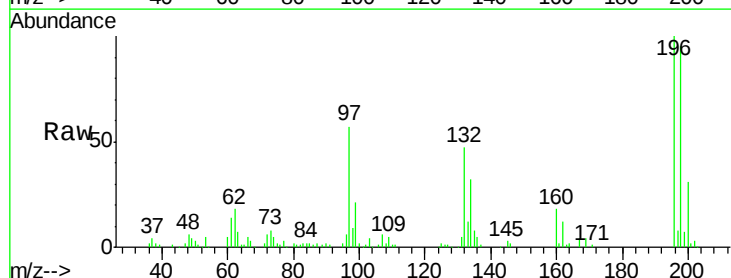


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

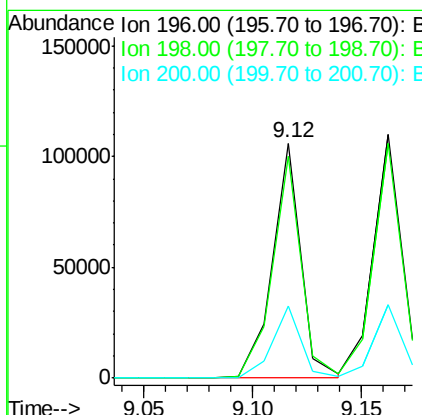
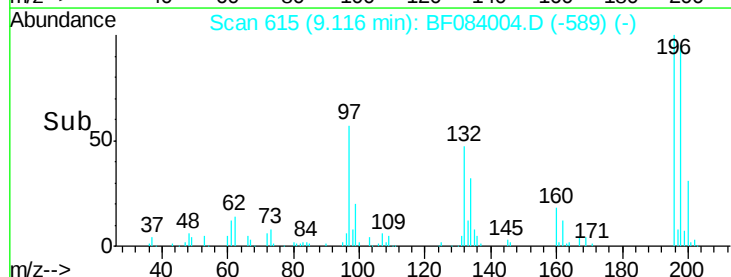


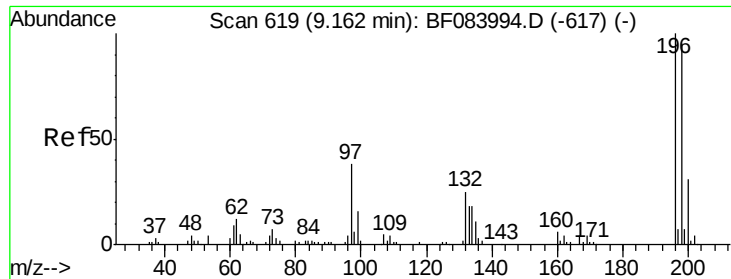
#42
 2,4,6-Trichlorophenol
 Concen: 37.35 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Tgt Ion:196 Resp: 97562
 Ion Ratio Lower Upper
 196 100
 198 94.5 77.7 116.5
 200 30.8 24.6 37.0



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

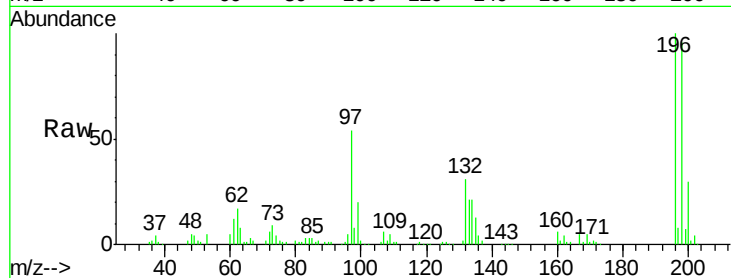




#43
 2,4,5-Trichlorophenol
 Concen: 39.69 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	79.0	118.6
97	53.6	33.0	49.6
132	31.4	21.1	31.7



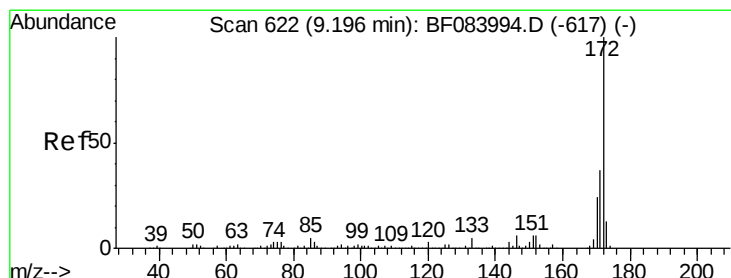
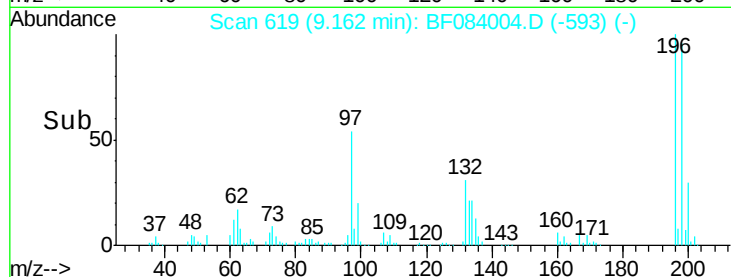
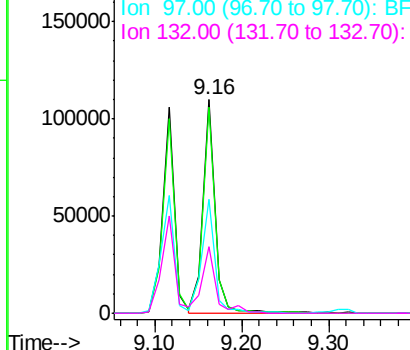
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

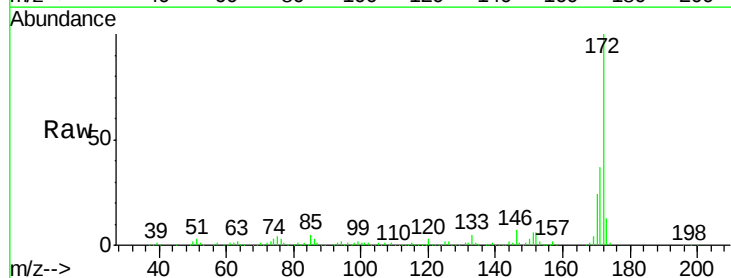
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.00 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.2	18.6	27.8

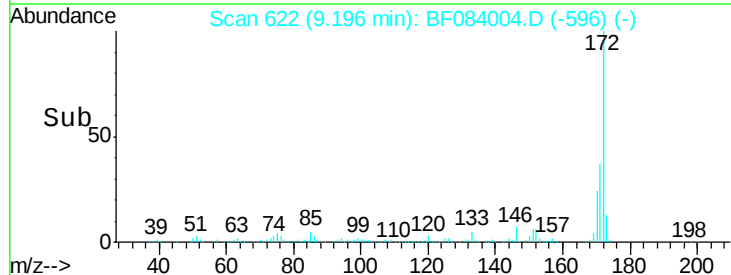
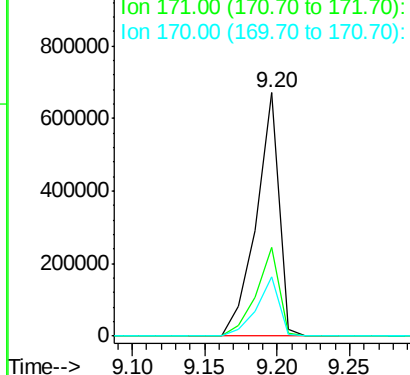


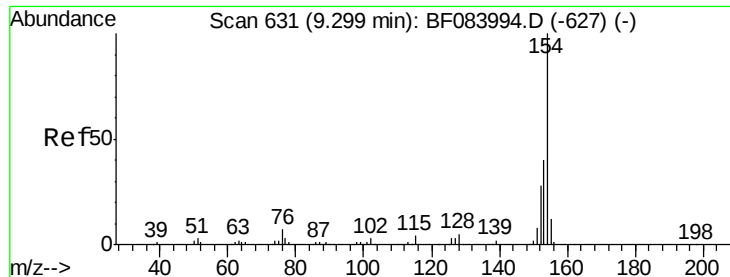
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

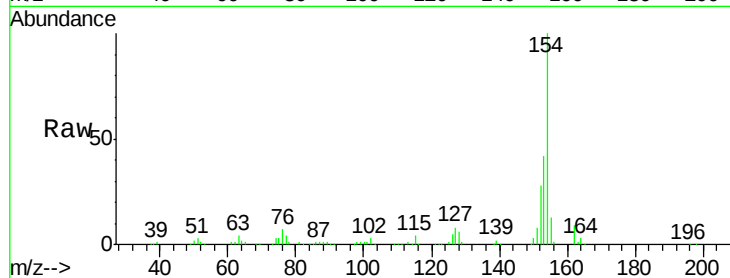




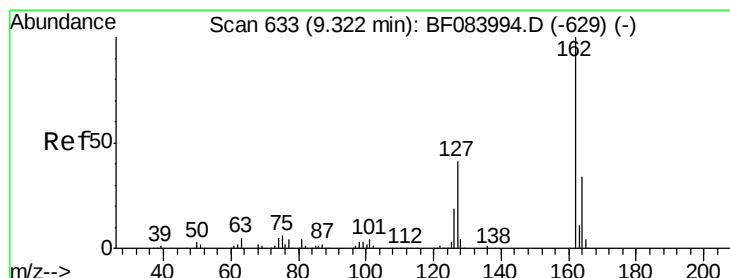
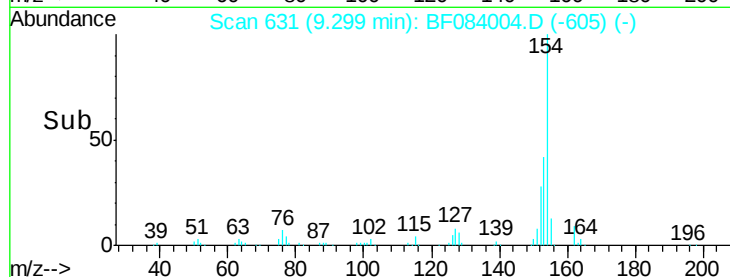
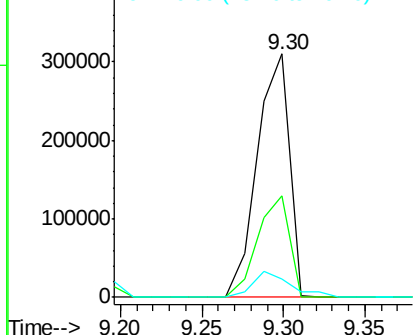
#45
 1,1'-Biphenyl
 Concen: 33.30 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:154 Resp: 424782
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.6 61.6
 76 7.4 0.0 32.7

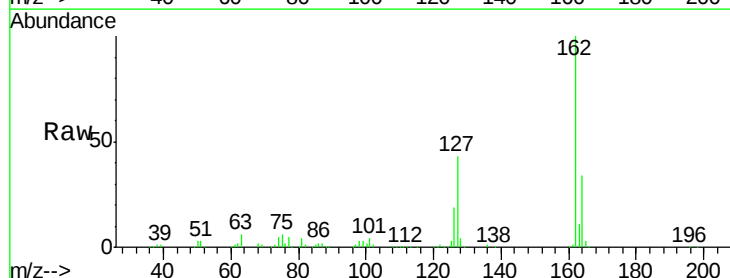


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

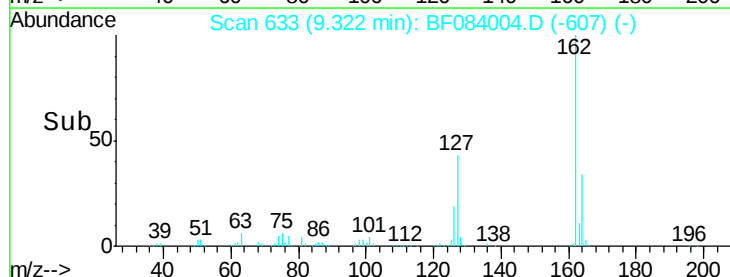
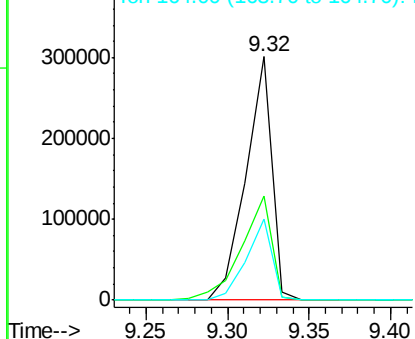


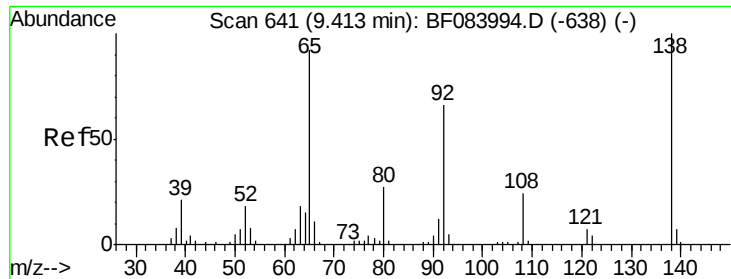
#46
 2-Chloronaphthalene
 Concen: 36.13 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Tgt Ion:162 Resp: 331791
 Ion Ratio Lower Upper
 162 100
 127 42.9 40.2 60.4
 164 33.5 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

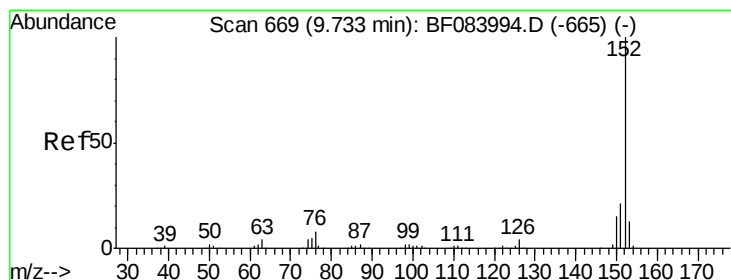
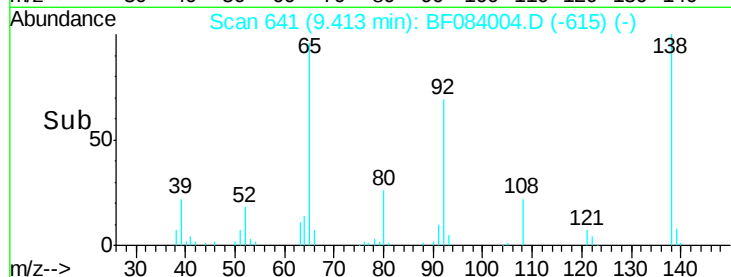
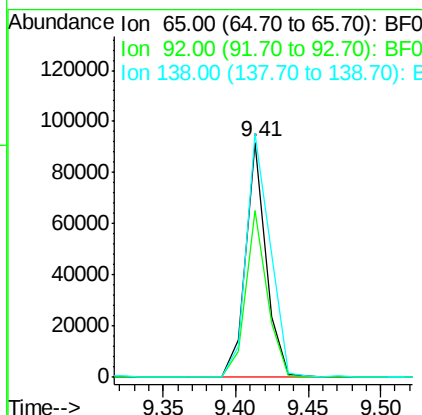
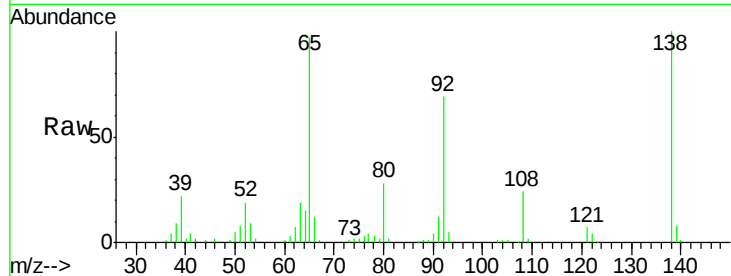




#47
2-Nitroaniline
Concen: 36.24 ng
RT: 9.41 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF084004.D
Acq: 22 Dec 2015 22:40

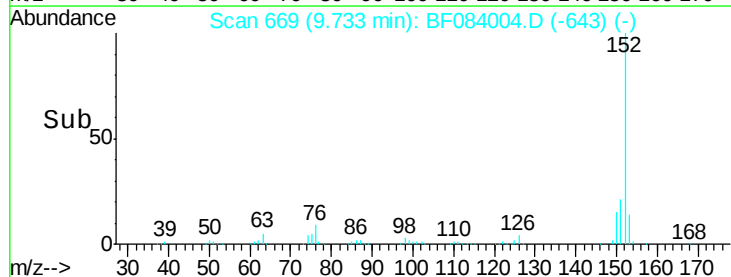
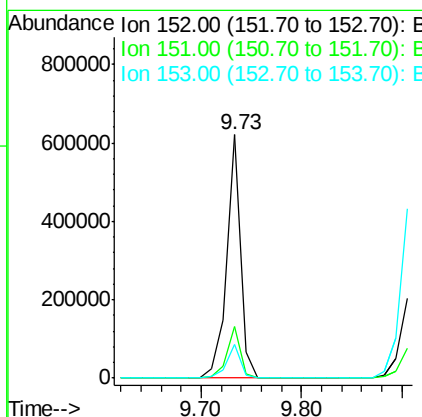
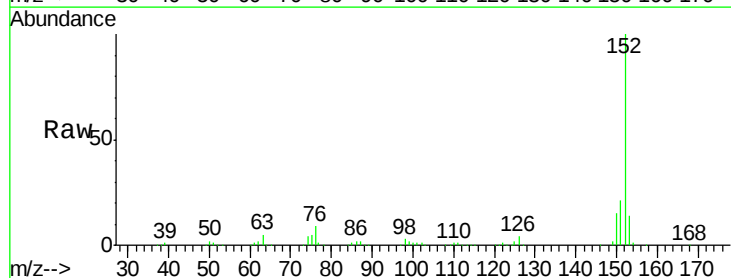
Instrument :
BNA_F
ClientSampleId :

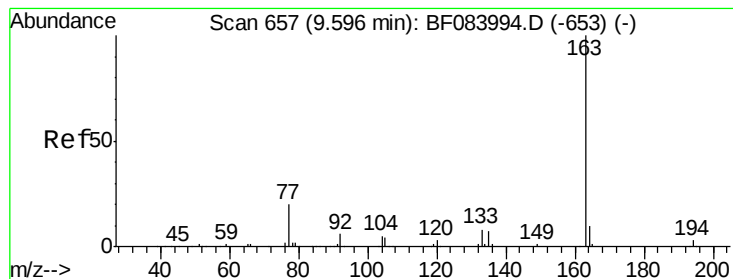
Tgt Ion: 65 Resp: 90717
Ion Ratio Lower Upper
65 100
92 71.2 53.4 80.2
138 103.6 71.1 106.7



#48
Acenaphthylene
Concen: 40.55 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084004.D
Acq: 22 Dec 2015 22:40

Tgt Ion: 152 Resp: 589740
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.7 10.4 15.6





#49

Dimethylphthalate

Concen: 37.08 ng

RT: 9.60 min Scan# 657

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

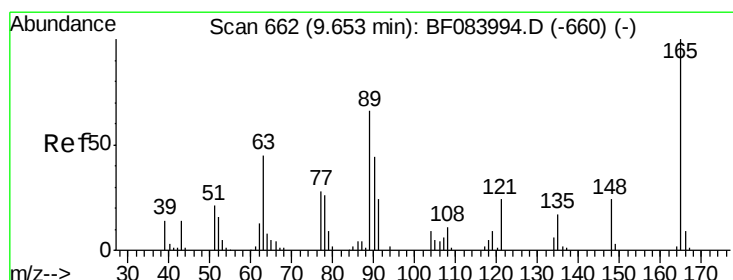
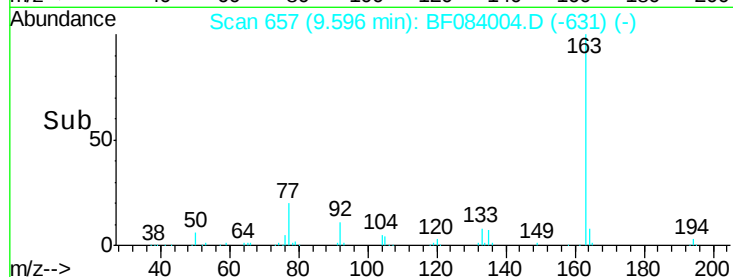
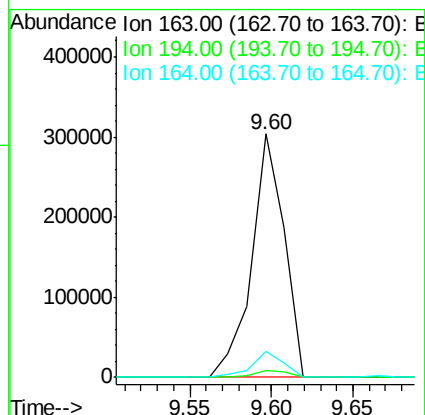
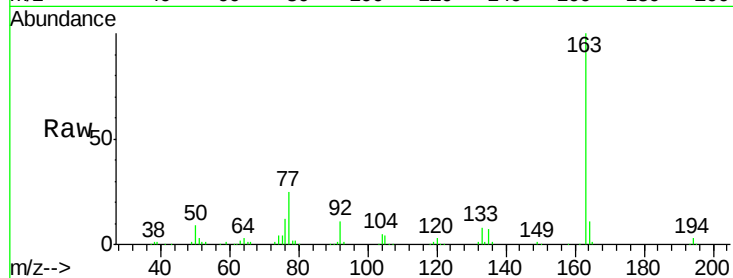
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:163 Resp: 418721

Ion	Ratio	Lower	Upper
163	100		
194	3.0	8.0	12.0#
164	10.7	8.0	12.0



#50

2,6-Dinitrotoluene

Concen: 40.45 ng

RT: 9.66 min Scan# 663

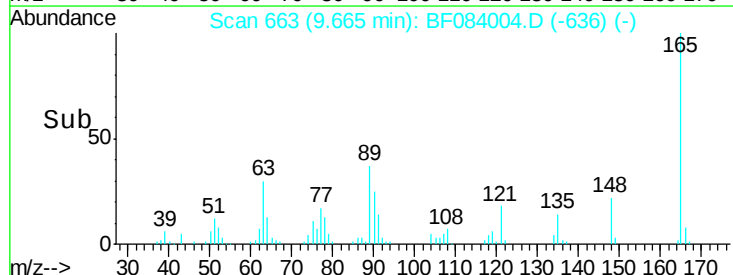
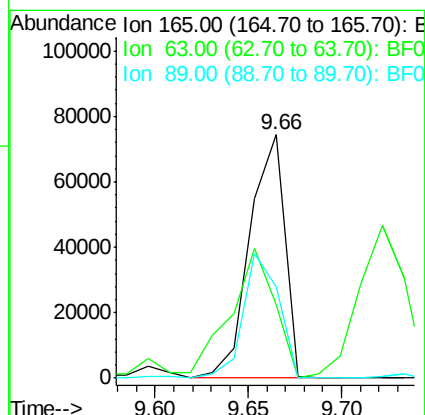
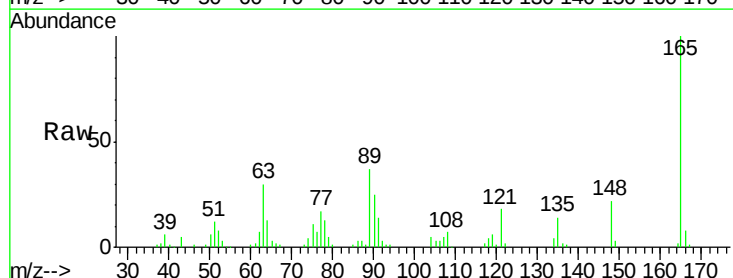
Delta R.T. 0.01 min

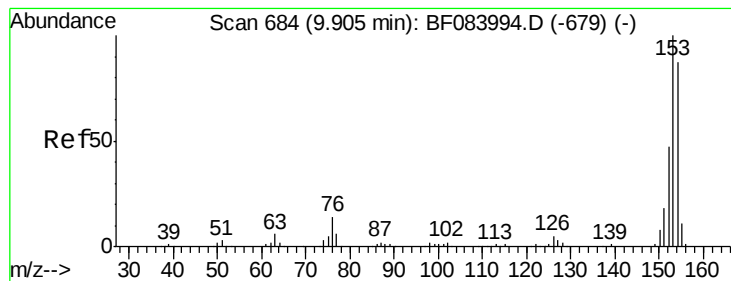
Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Tgt Ion:165 Resp: 96400

Ion	Ratio	Lower	Upper
165	100		
63	30.0	28.8	43.2
89	37.3	35.1	52.7





#51

Acenaphthene

Concen: 40.98 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

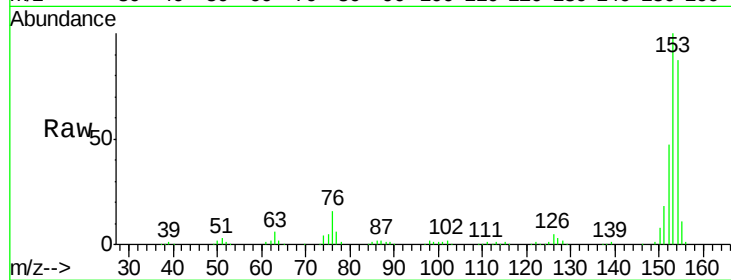
Tgt Ion:154 Resp: 354360

Ion Ratio Lower Upper

154 100

153 114.7 91.5 137.3

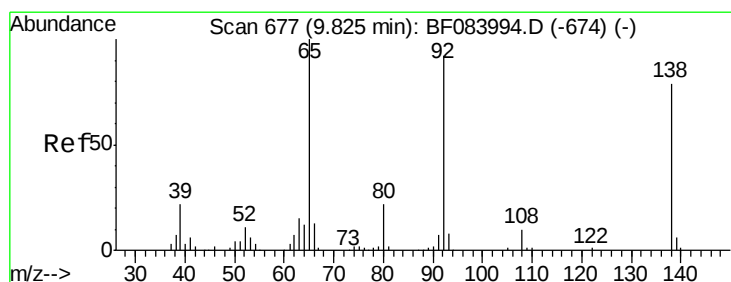
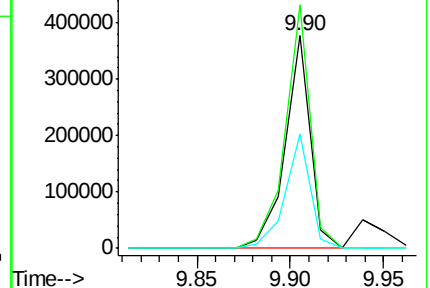
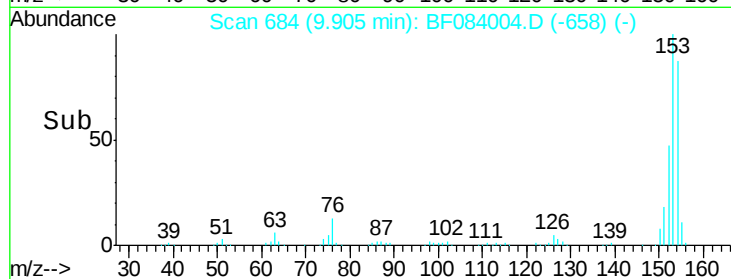
152 54.1 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.31 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

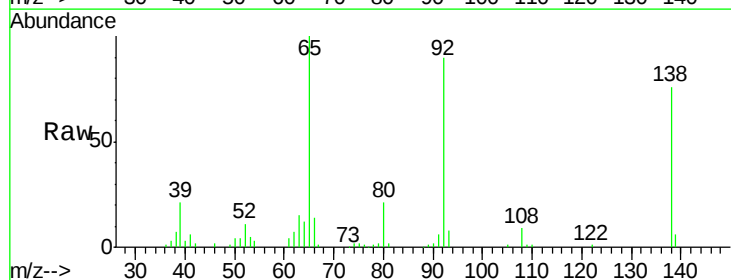
Tgt Ion:138 Resp: 53940

Ion Ratio Lower Upper

138 100

108 11.9 10.5 15.7

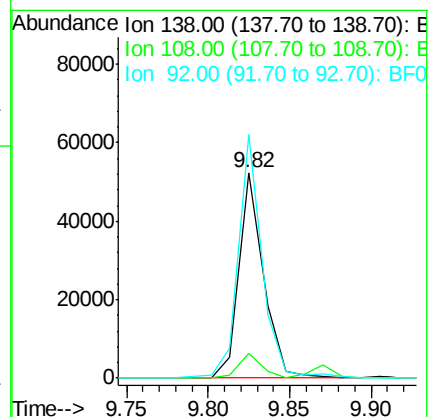
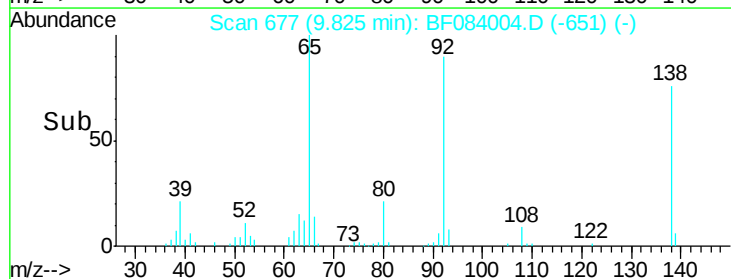
92 118.6 103.9 155.9

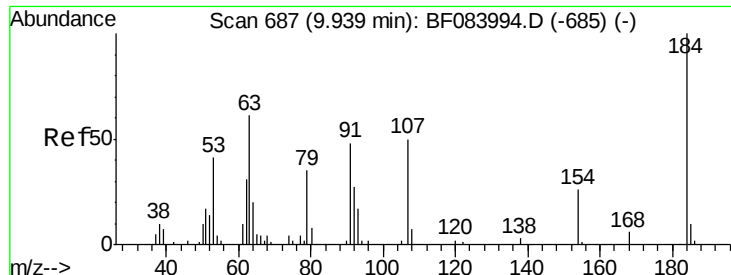


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

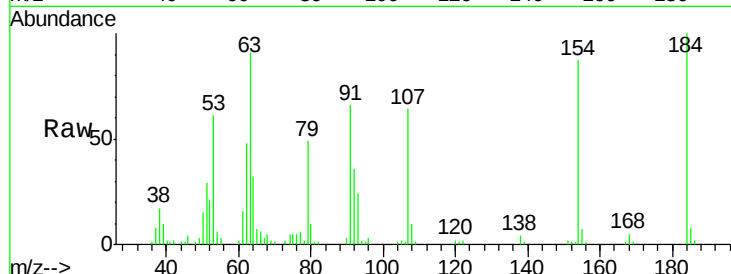




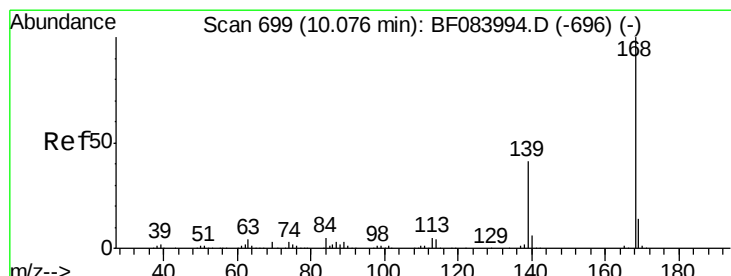
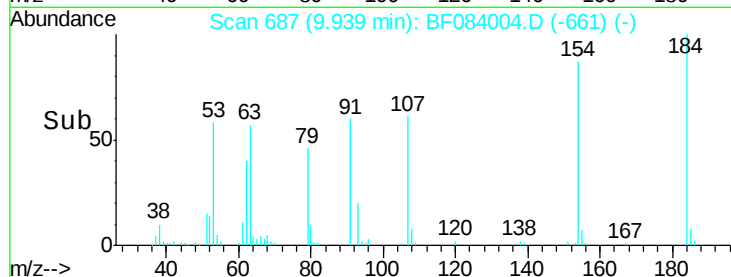
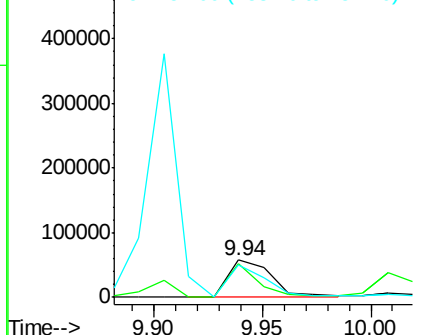
#53
2,4-Dinitrophenol
Concen: 79.54 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF084004.D
Acq: 22 Dec 2015 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 81050
Ion Ratio Lower Upper
184 100
63 90.8 43.1 64.7#
154 87.4 60.5 90.7

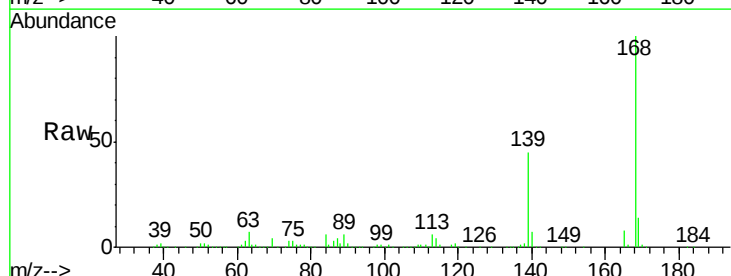


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

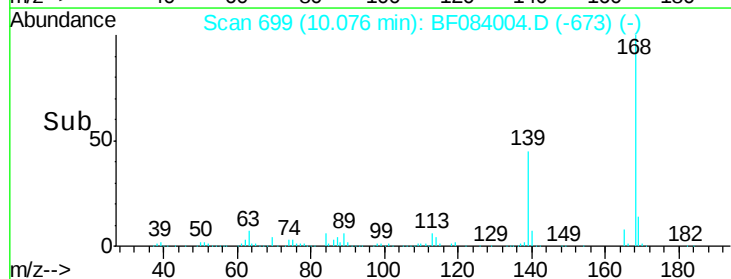
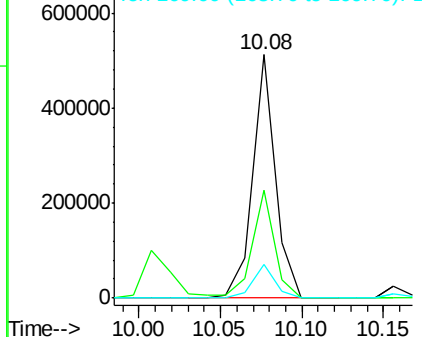


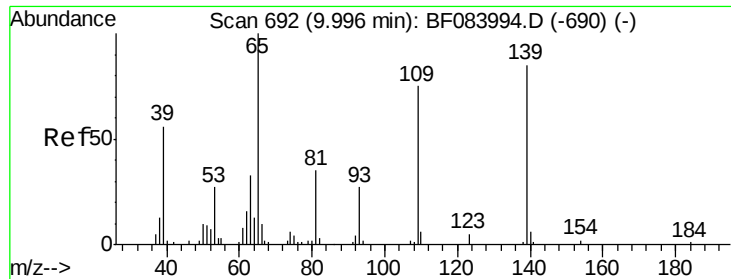
#54
Dibenzofuran
Concen: 38.37 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF084004.D
Acq: 22 Dec 2015 22:40

Tgt Ion:168 Resp: 496557
Ion Ratio Lower Upper
168 100
139 44.5 30.5 45.7
169 13.8 10.4 15.6



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

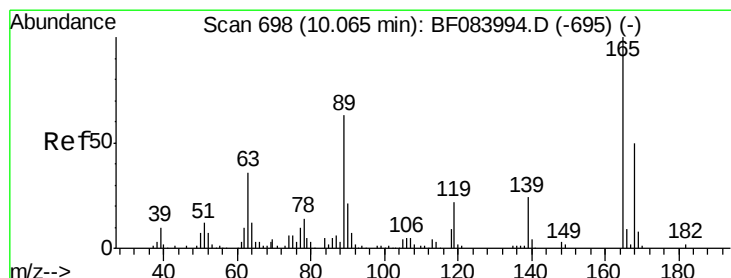
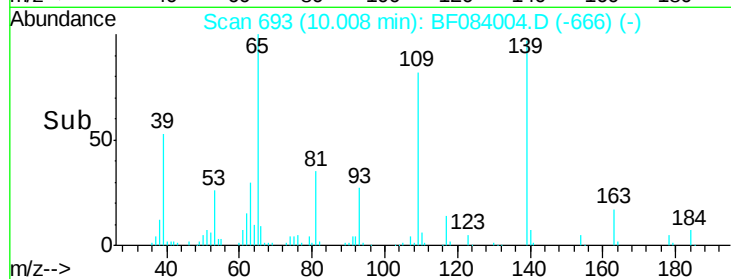
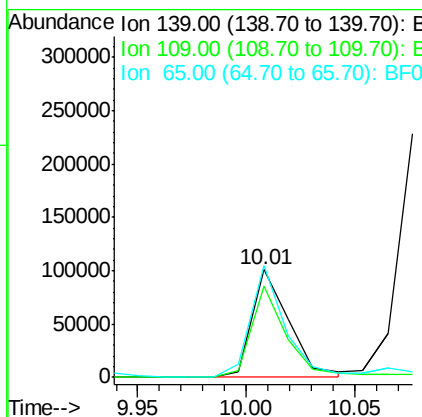
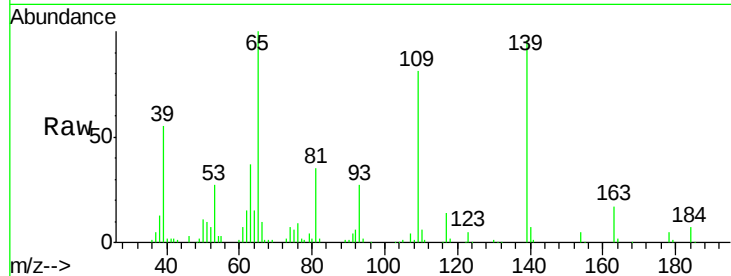




#55
4-Nitrophenol
Concen: 80.73 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF084004.D
Acq: 22 Dec 2015 22:40

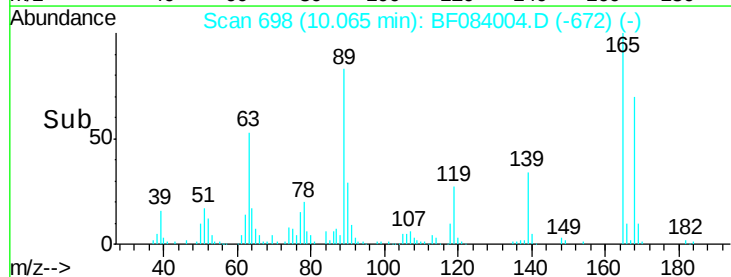
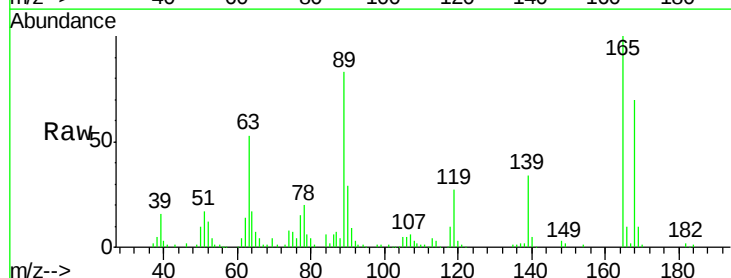
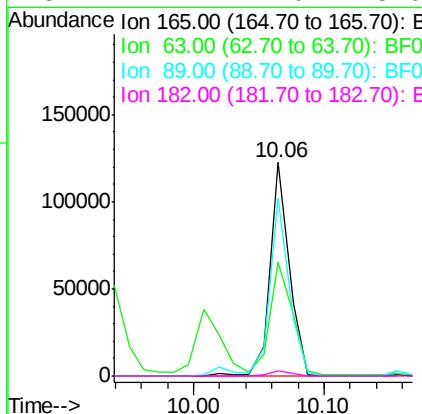
Instrument :
BNA_F
ClientSampled :

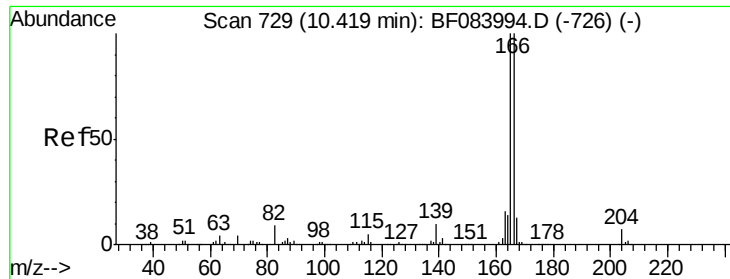
Tgt Ion:139 Resp: 120072
Ion Ratio Lower Upper
139 100
109 84.6 58.5 98.5
65 103.9 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 42.54 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF084004.D
Acq: 22 Dec 2015 22:40

Tgt Ion:165 Resp: 127433
Ion Ratio Lower Upper
165 100
63 53.4 36.7 55.1
89 83.1 61.9 92.9
182 2.1 2.0 3.0

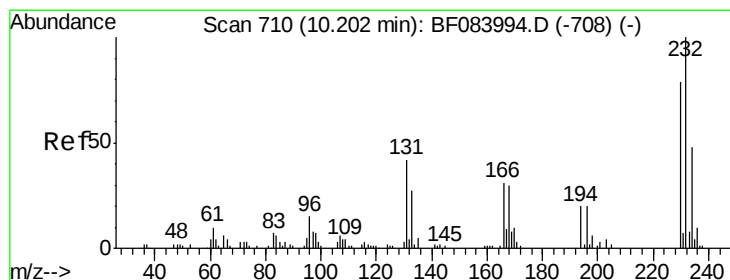
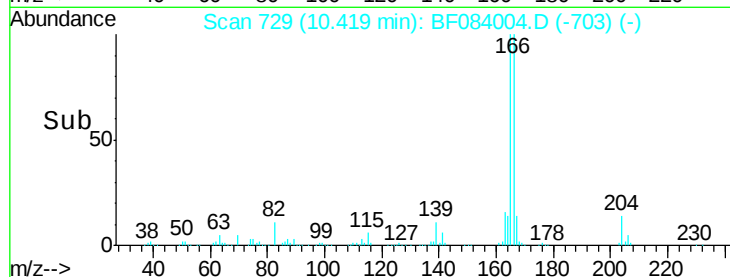
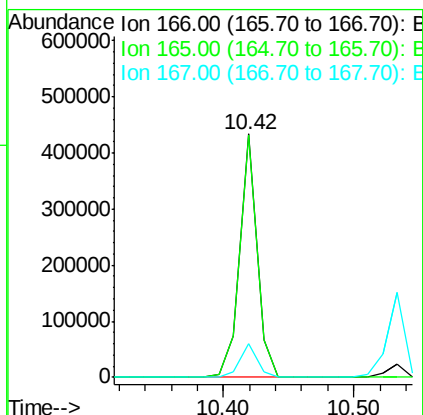
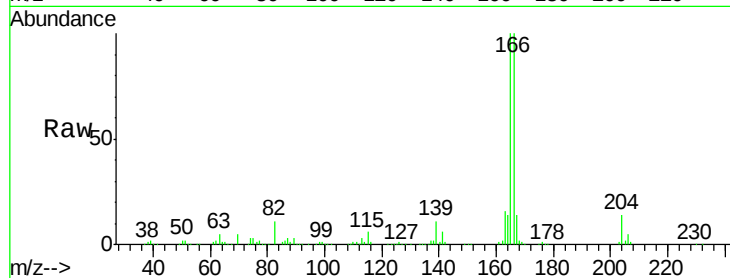




#57
 Fluorene
 Concen: 39.03 ng
 RT: 10.42 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

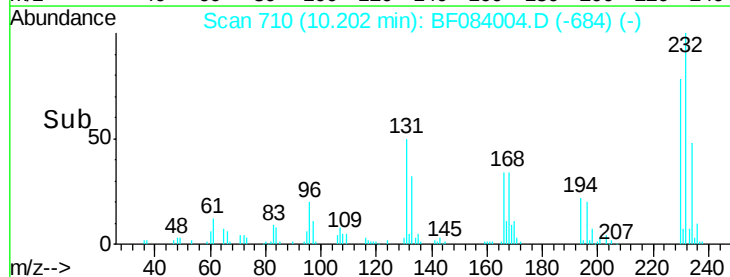
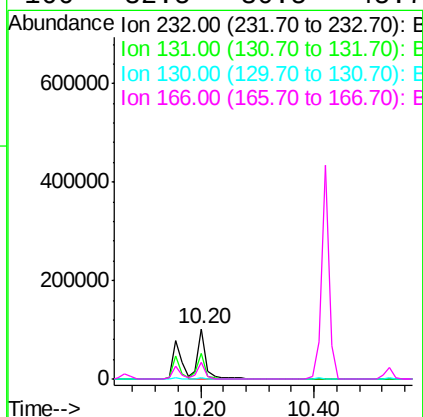
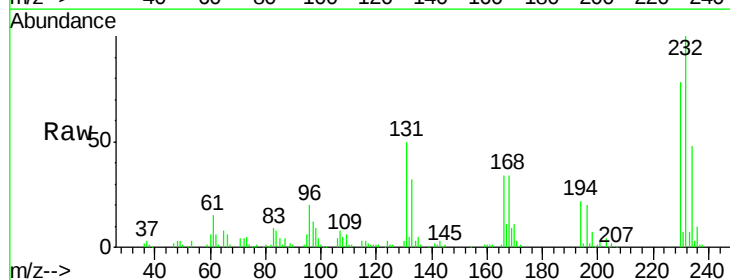
Instrument :
 BNA_F
 ClientSampleID :

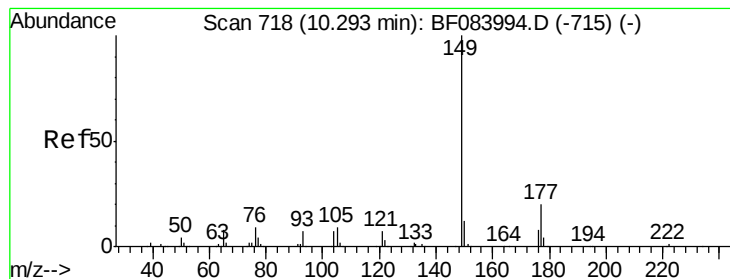
Tgt Ion:166 Resp: 400164
 Ion Ratio Lower Upper
 166 100
 165 99.6 79.1 118.7
 167 13.8 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.47 ng
 RT: 10.20 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Tgt Ion:232 Resp: 103912
 Ion Ratio Lower Upper
 232 100
 131 51.8 47.0 70.6
 130 2.6 2.0 3.0
 166 32.5 30.5 45.7





#59

Diethylphthalate

Concen: 42.78 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

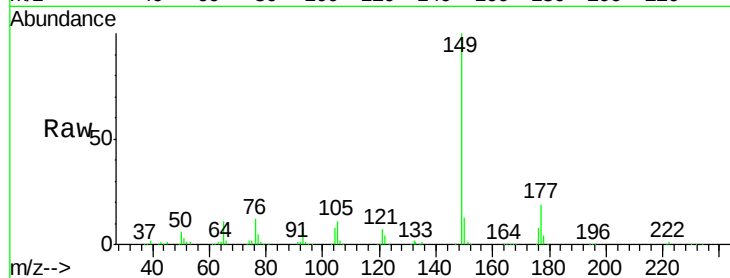
Tgt Ion:149 Resp: 474708

Ion Ratio Lower Upper

149 100

177 18.5 17.3 25.9

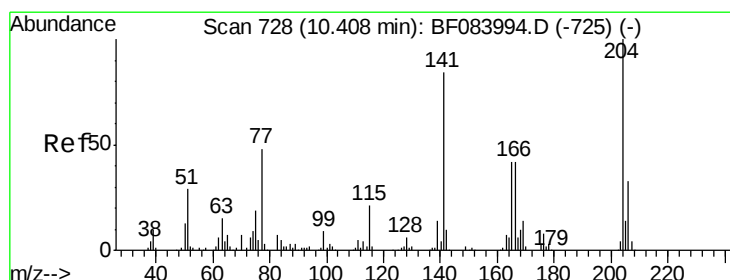
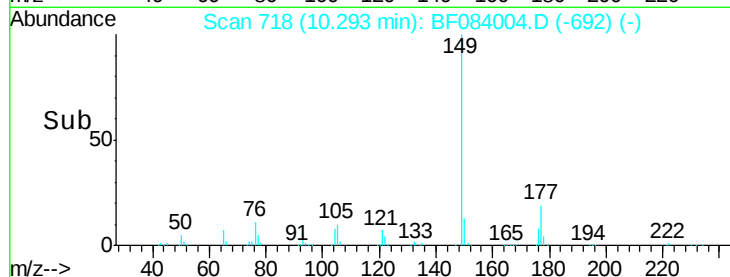
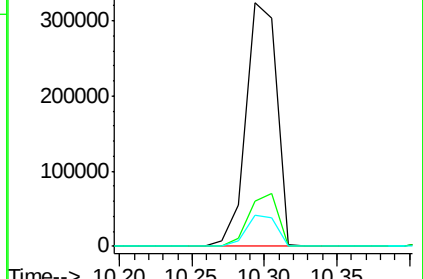
150 12.8 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.78 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

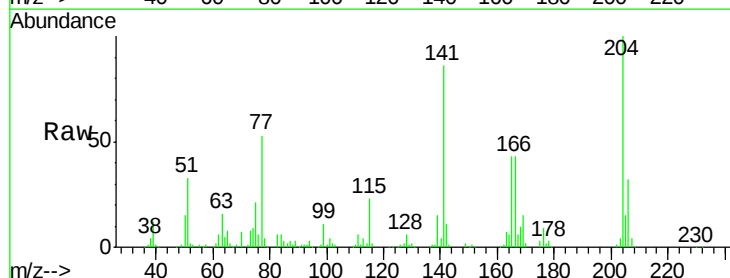
Tgt Ion:204 Resp: 172838

Ion Ratio Lower Upper

204 100

206 31.9 25.7 38.5

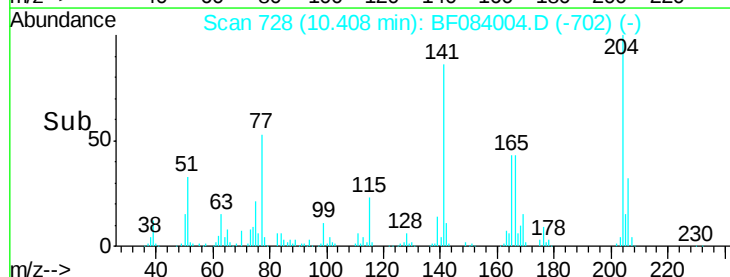
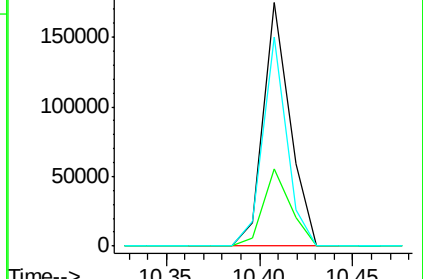
141 85.8 55.1 82.7#

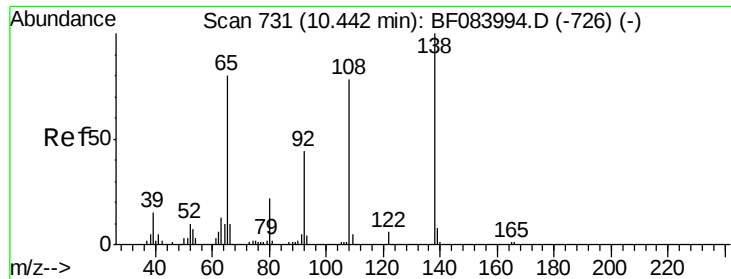


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

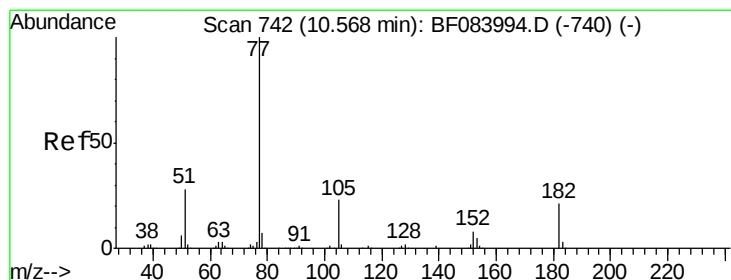
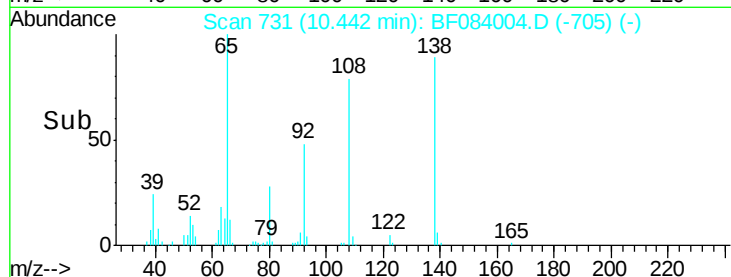
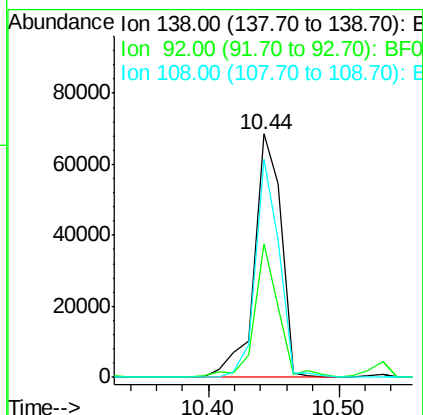
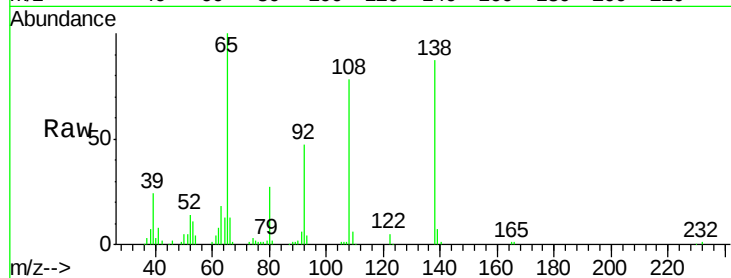




#61
4-Nitroaniline
Concen: 38.13 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF084004.D
Acq: 22 Dec 2015 22:40

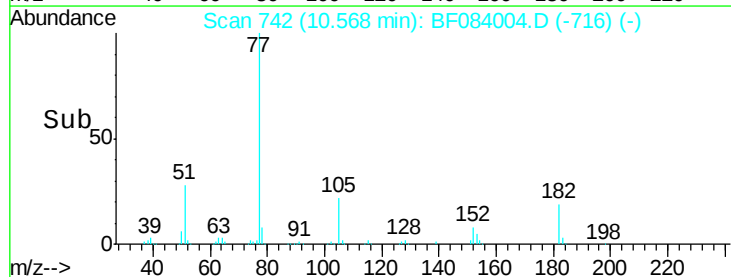
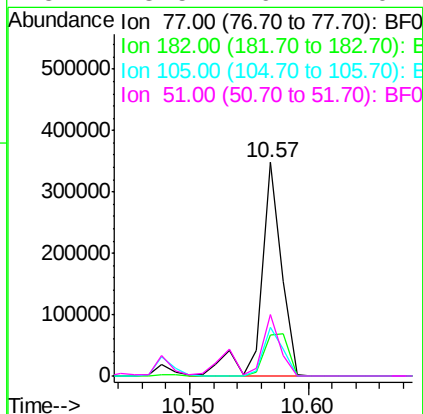
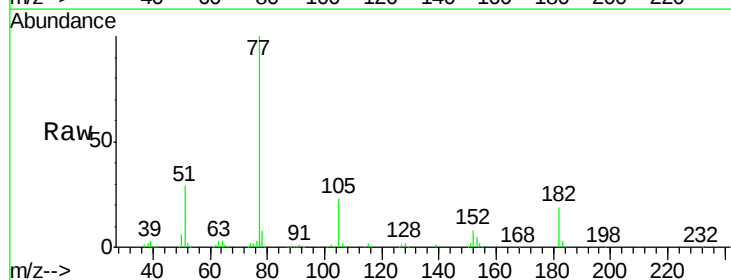
Instrument :
BNA_F
ClientSampleId :

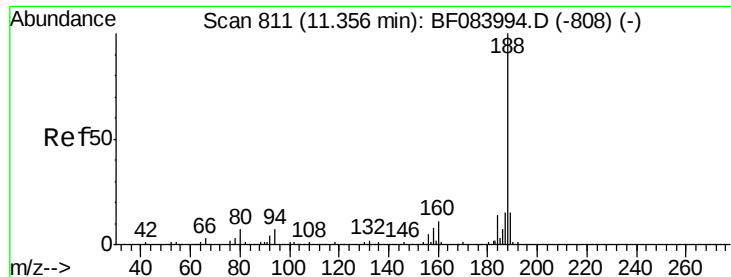
Tgt Ion:138 Resp: 98726
Ion Ratio Lower Upper
138 100
92 54.6 32.6 72.6
108 89.7 68.6 108.6



#62
Azobenzene
Concen: 42.87 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF084004.D
Acq: 22 Dec 2015 22:40

Tgt Ion: 77 Resp: 420030
Ion Ratio Lower Upper
77 100
182 19.4 8.3 48.3
105 22.6 4.6 44.6
51 28.5 6.2 46.2

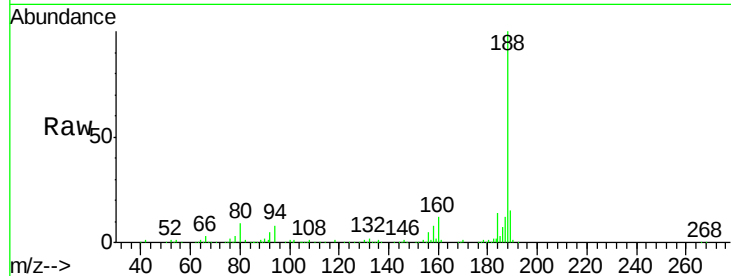




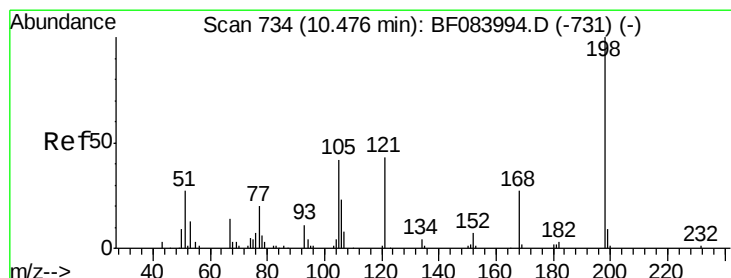
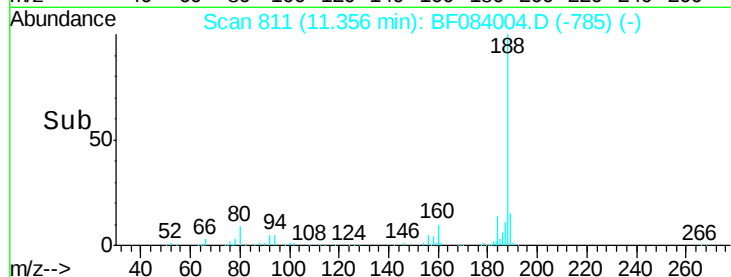
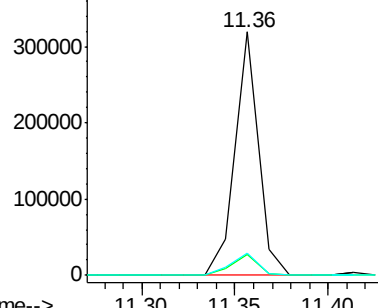
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF084004.D
Acq: 22 Dec 2015 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 276268
Ion Ratio Lower Upper
188 100
94 8.4 9.0 13.4#
80 9.2 9.6 14.4#

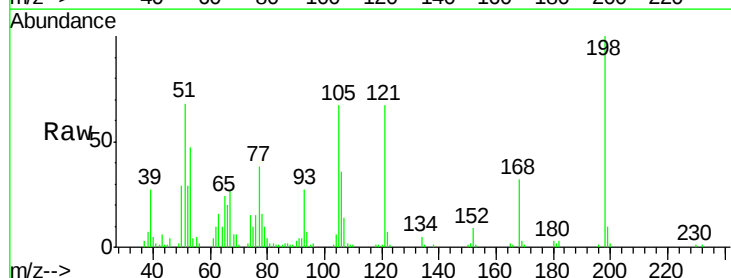


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

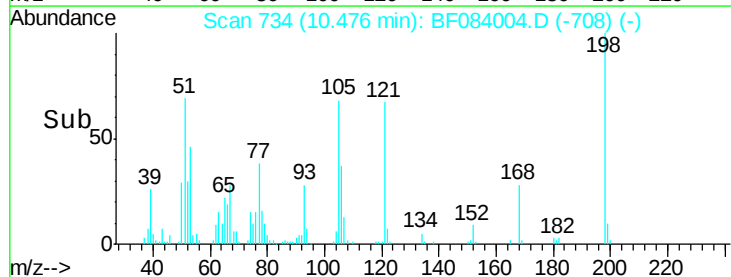
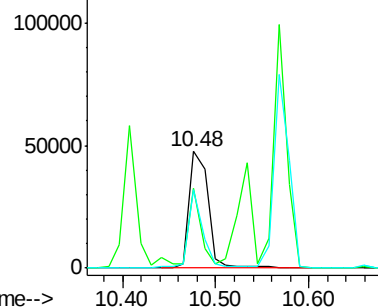


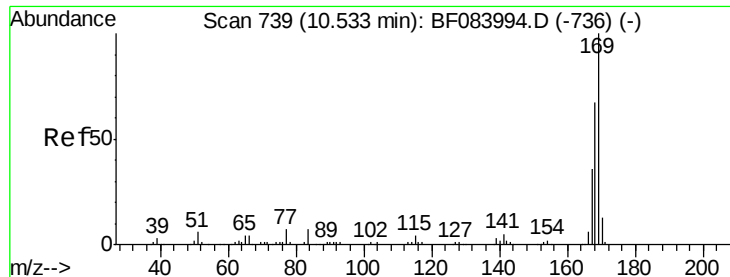
#64
4,6-Dinitro-2-methylphenol
Concen: 41.67 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF084004.D
Acq: 22 Dec 2015 22:40

Tgt Ion:198 Resp: 67293
Ion Ratio Lower Upper
198 100
51 68.2 18.9 58.9#
105 67.0 26.4 66.4#



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





#65

n-Nitrosodiphenylamine

Concen: 37.94 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

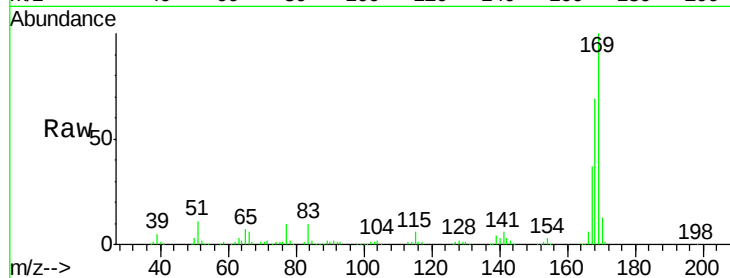
Tgt Ion:169 Resp: 387137

Ion Ratio Lower Upper

169 100

168 68.6 55.1 82.7

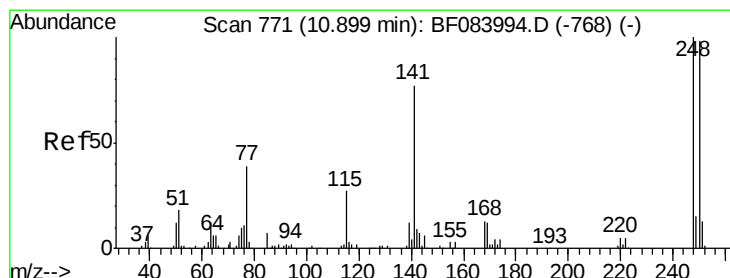
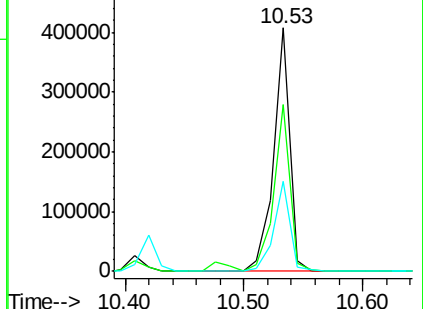
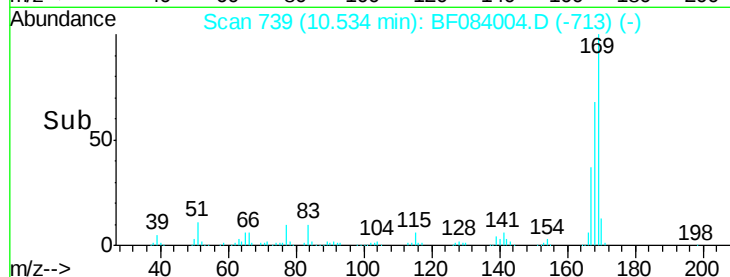
167 37.2 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 34.41 ng

RT: 10.90 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

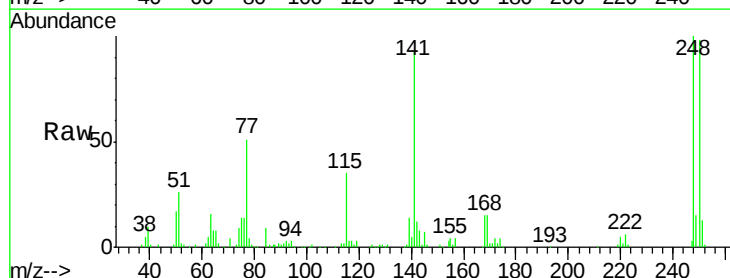
Tgt Ion:248 Resp: 109020

Ion Ratio Lower Upper

248 100

250 97.8 78.4 117.6

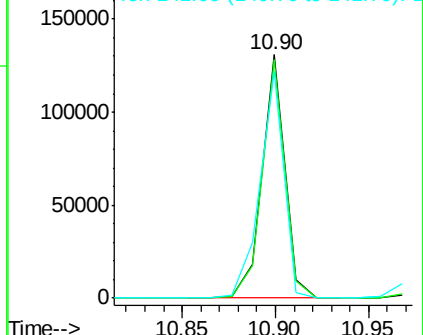
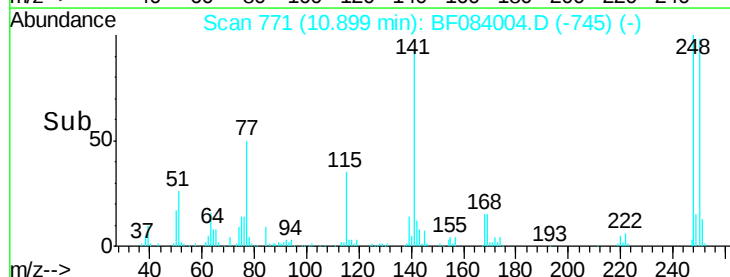
141 93.3 44.0 66.0#

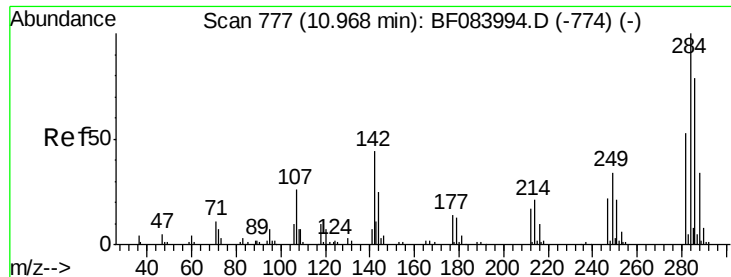


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.02 ng

RT: 10.97 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

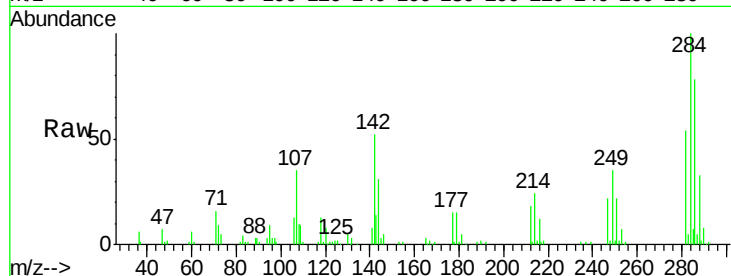
Tgt Ion:284 Resp: 117647

Ion Ratio Lower Upper

284 100

142 51.9 22.2 33.4#

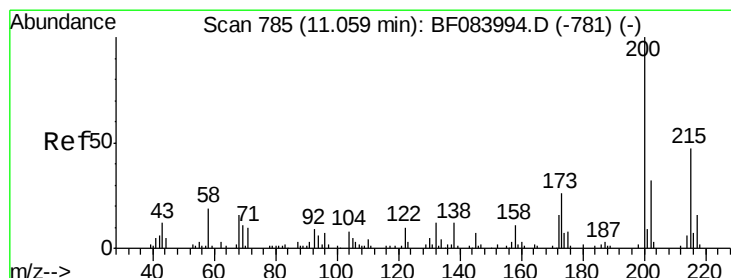
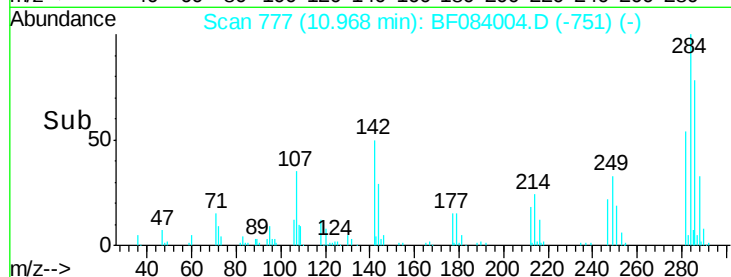
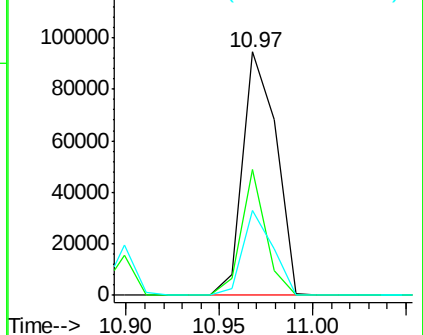
249 34.8 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 32.18 ng

RT: 11.06 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

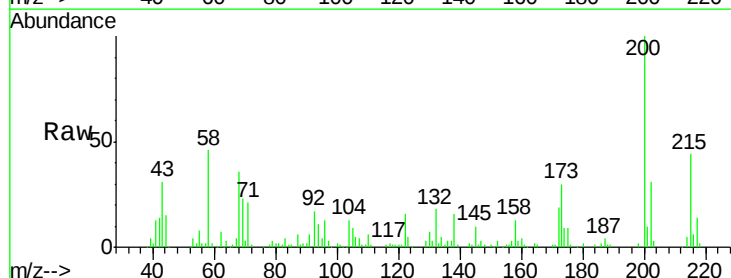
Tgt Ion:200 Resp: 99255

Ion Ratio Lower Upper

200 100

173 30.2 9.5 49.5

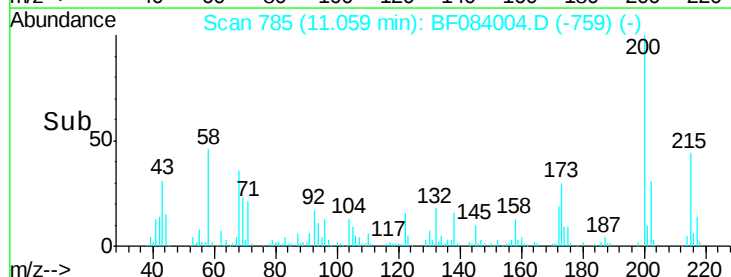
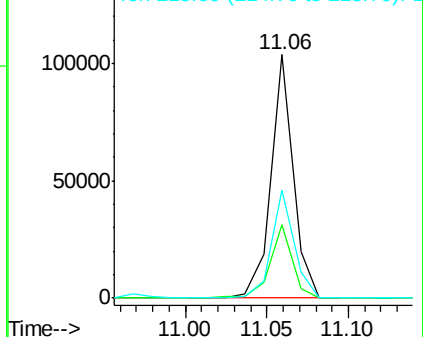
215 44.5 23.8 63.8

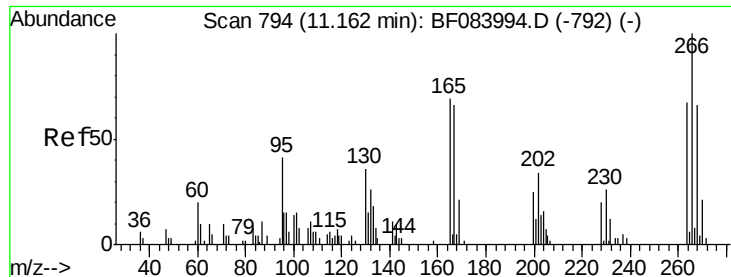


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

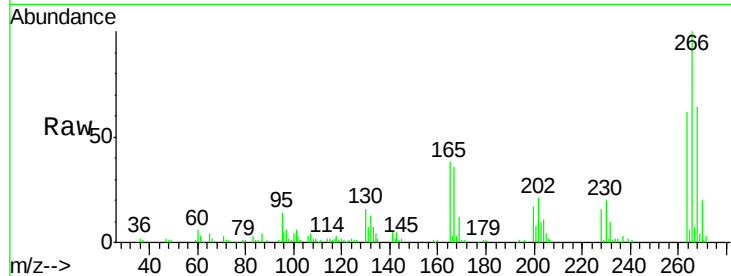




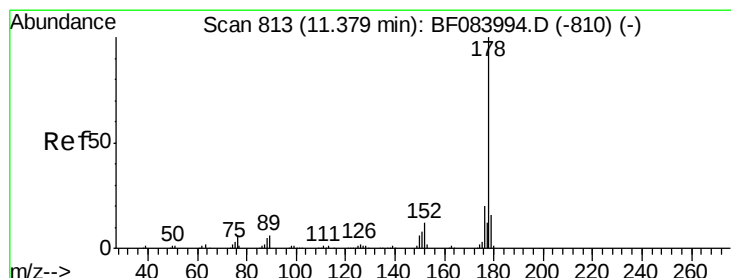
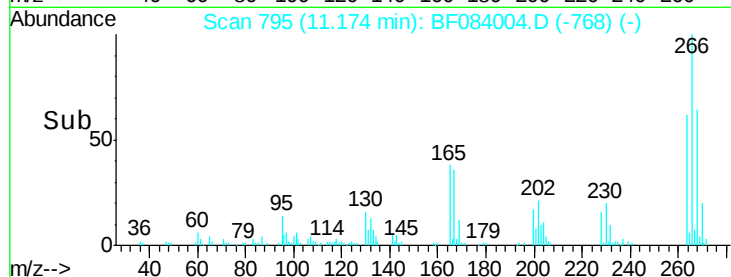
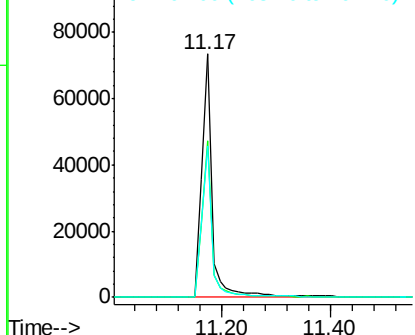
#69
 Pentachlorophenol
 Concen: 76.46 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:266 Resp: 96410
 Ion Ratio Lower Upper
 266 100
 268 64.5 52.4 78.6
 264 62.4 50.2 75.2

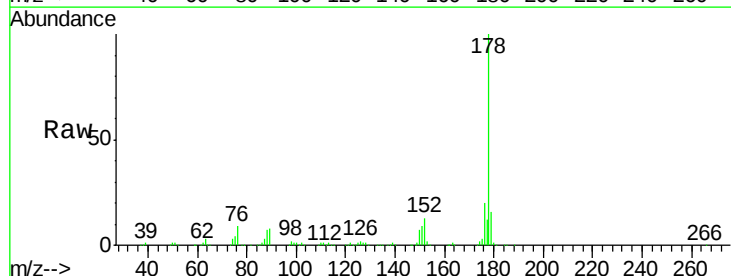


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

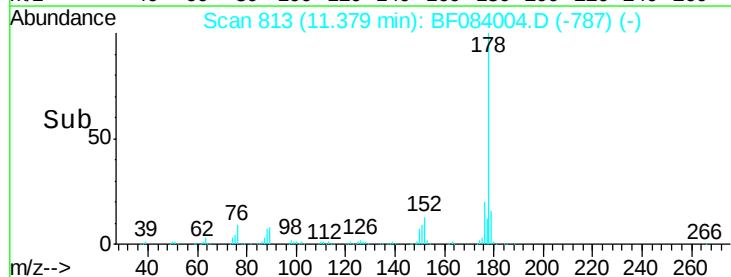
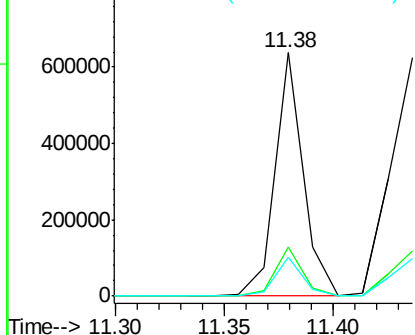


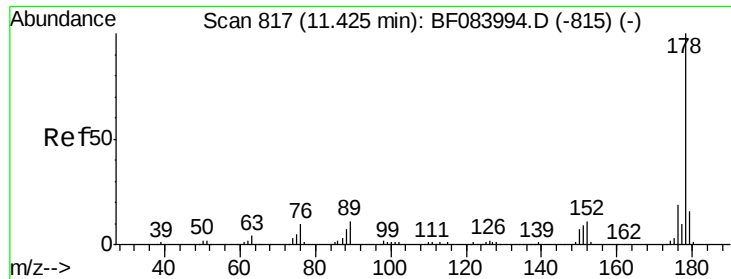
#70
 Phenanthrene
 Concen: 37.08 ng
 RT: 11.38 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Tgt Ion:178 Resp: 579010
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.3 22.9
 179 15.9 12.0 18.0



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

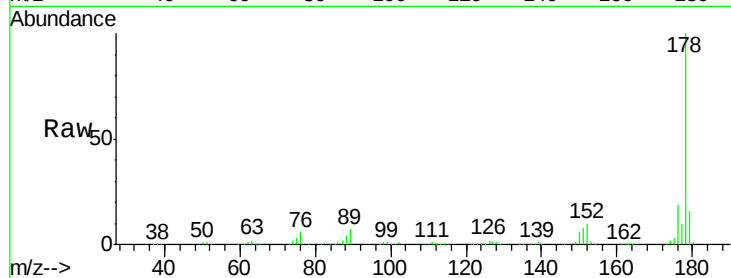




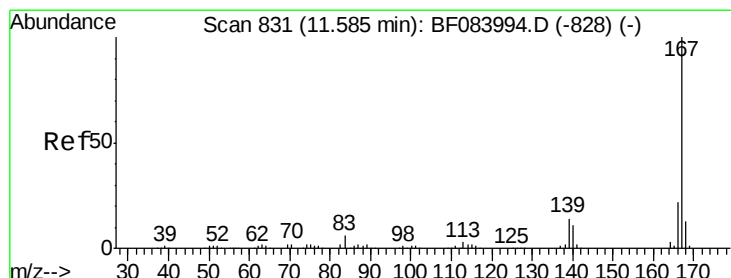
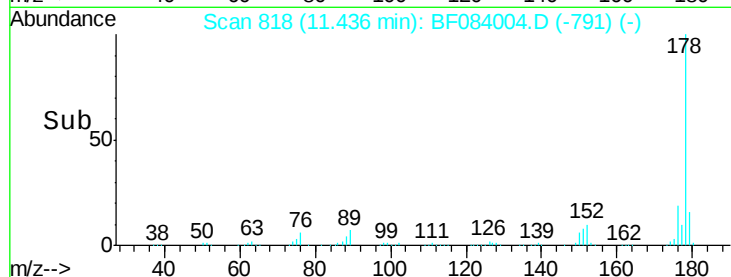
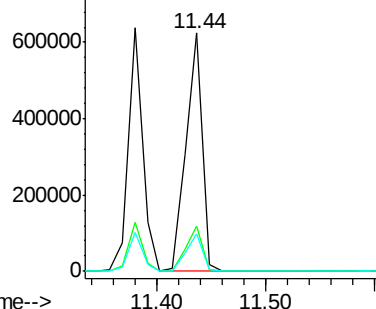
#71
 Anthracene
 Concen: 41.64 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:178 Resp: 660289
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 15.8 12.5 18.7

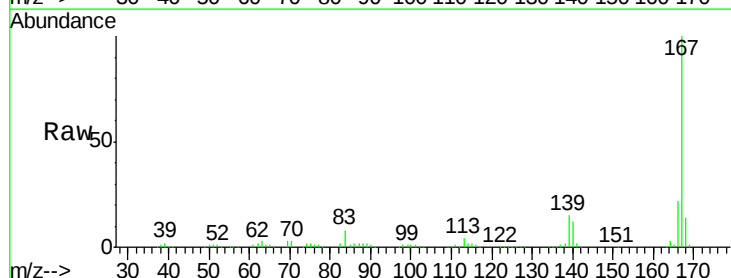


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

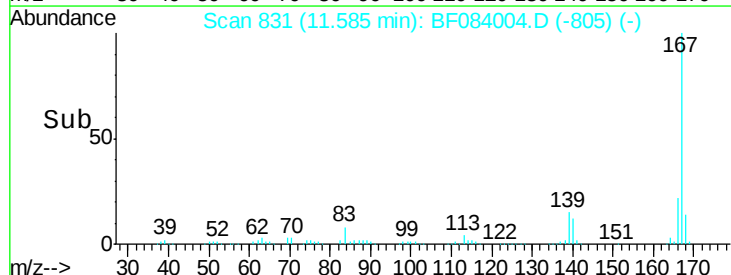
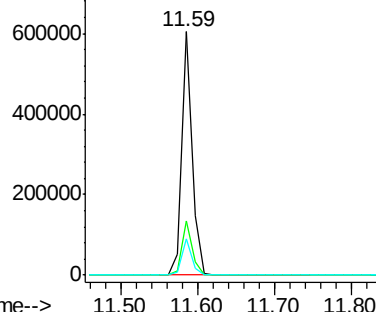


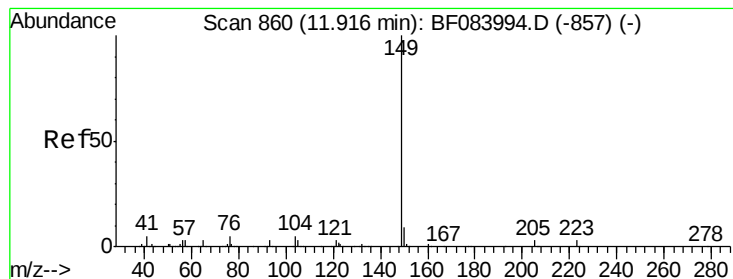
#72
 Carbazole
 Concen: 37.56 ng
 RT: 11.59 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Tgt Ion:167 Resp: 556907
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 15.0 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.27 ng

RT: 11.92 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

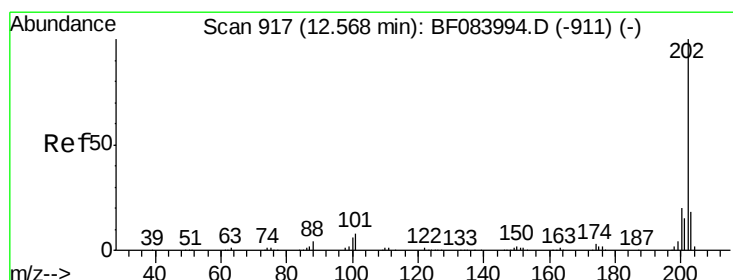
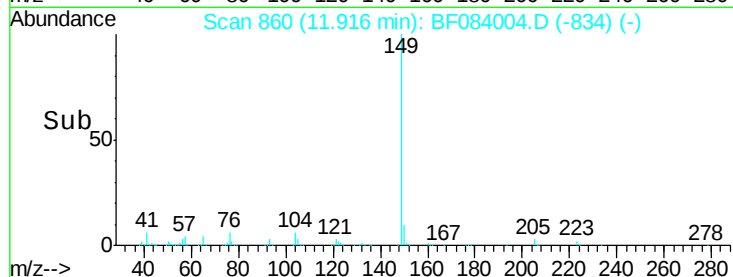
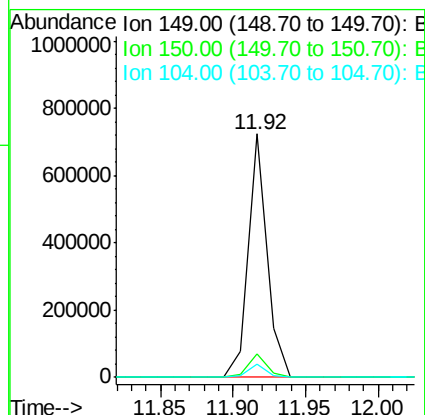
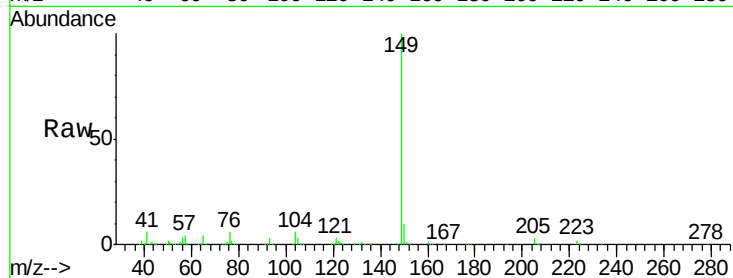
Tgt Ion:149 Resp: 649434

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

104 5.6 3.2 4.8#



#74

Fluoranthene

Concen: 43.28 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

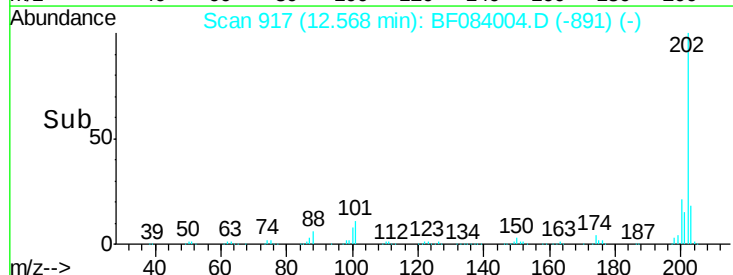
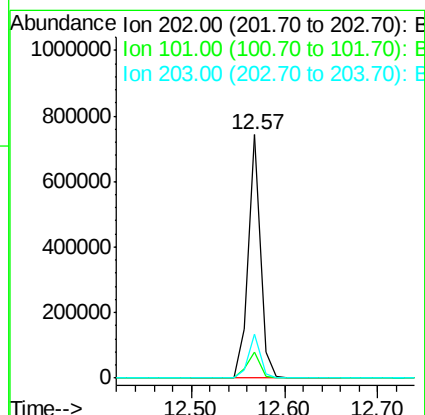
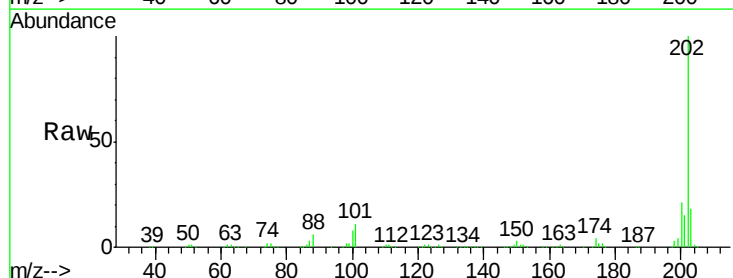
Tgt Ion:202 Resp: 670205

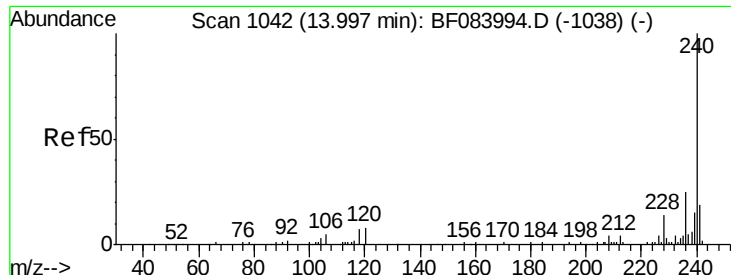
Ion Ratio Lower Upper

202 100

101 10.9 0.0 32.8

203 18.1 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

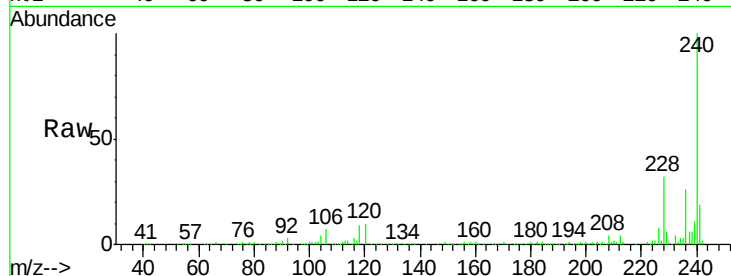
Tgt Ion:240 Resp: 256514

Ion Ratio Lower Upper

240 100

120 10.0 9.5 14.3

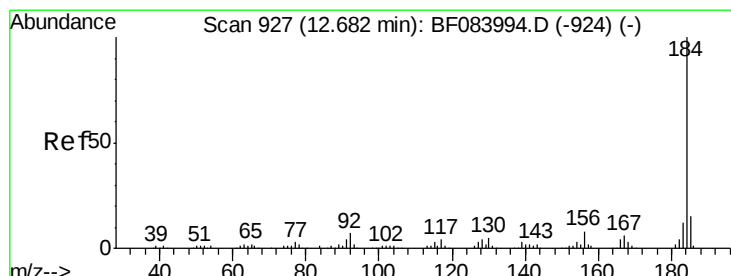
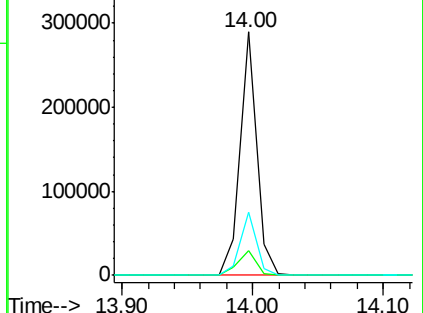
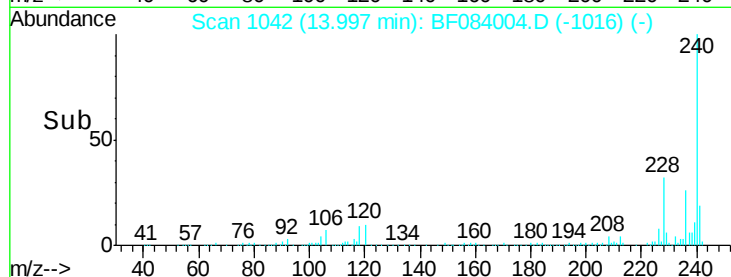
236 25.7 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.06 ng

RT: 12.68 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

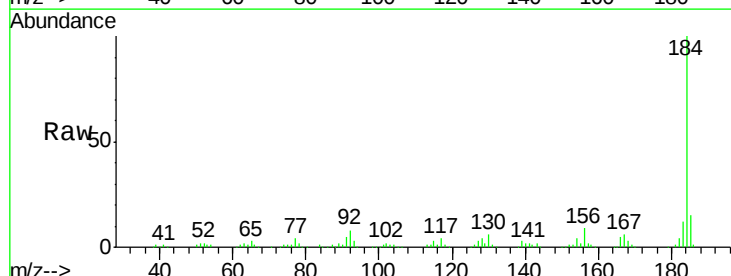
Tgt Ion:184 Resp: 210966

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

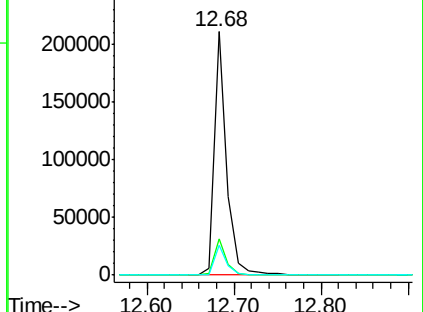
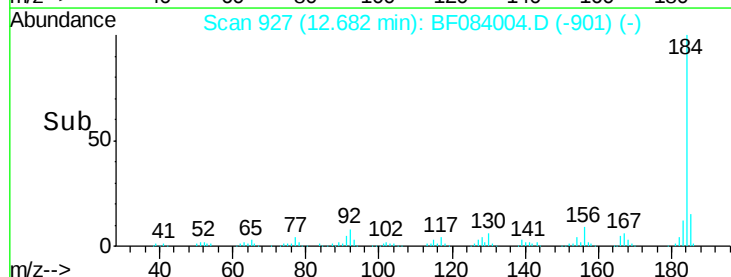
183 12.0 9.8 14.8

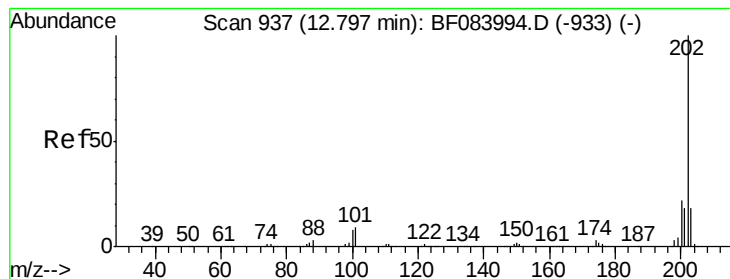


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.22 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Instrument :
BNA_F
ClientSampleId :

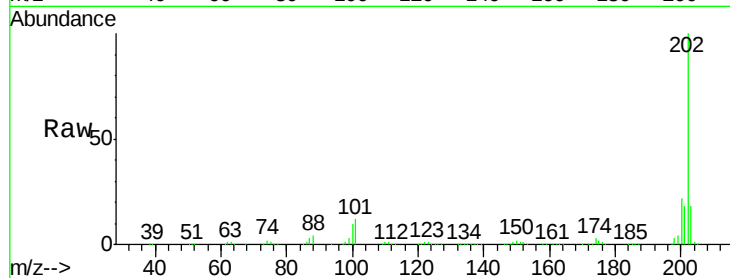
Tgt Ion:202 Resp: 612854

Ion Ratio Lower Upper

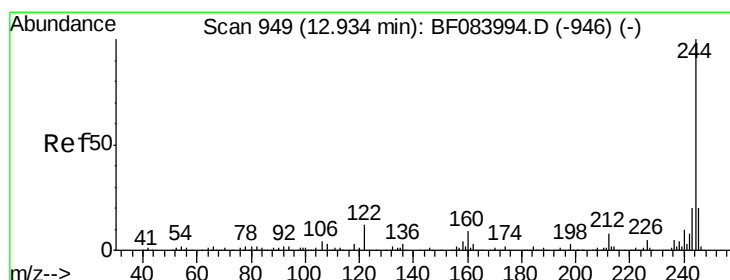
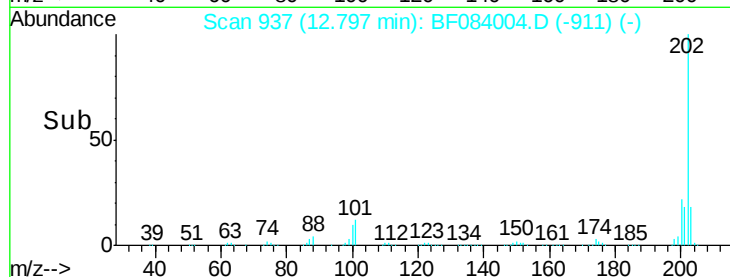
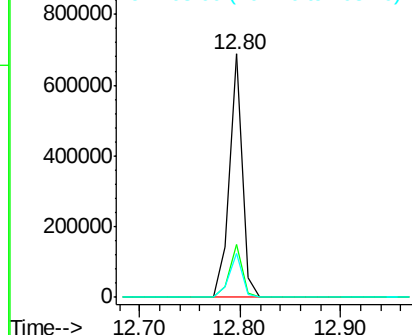
202 100

200 21.7 17.2 25.8

203 17.9 14.3 21.5



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



#78

Terphenyl-d14

Concen: 71.94 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

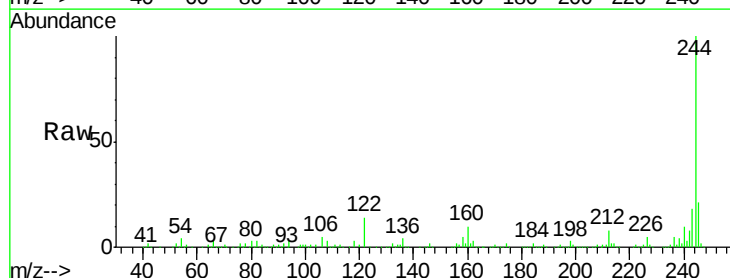
Tgt Ion:244 Resp: 773841

Ion Ratio Lower Upper

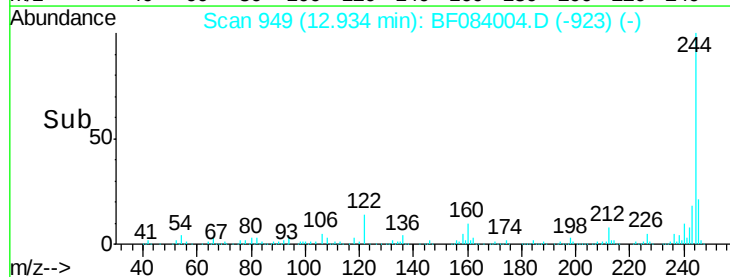
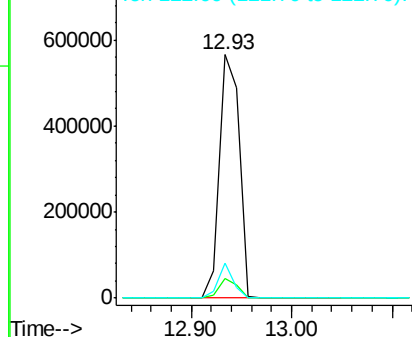
244 100

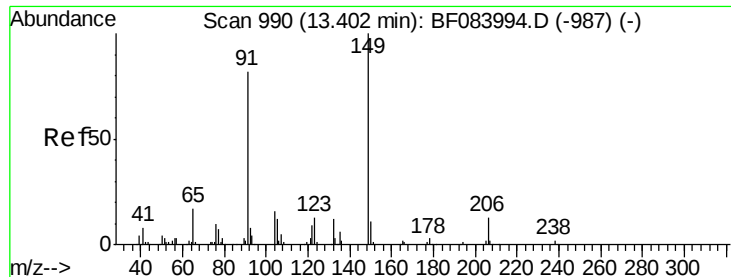
212 8.0 5.7 8.5

122 14.2 7.4 11.0#



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

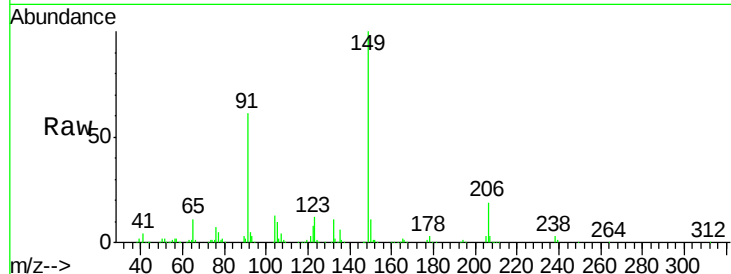




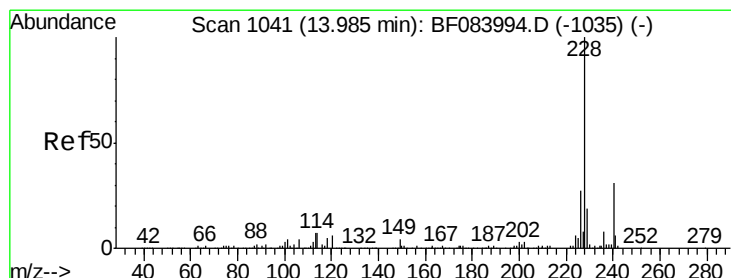
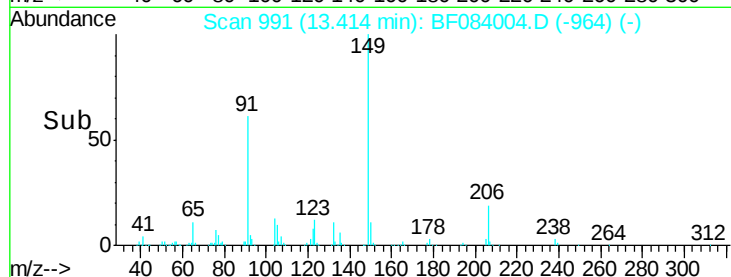
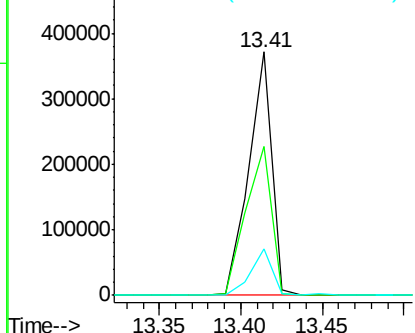
#79
Butylbenzylphthalate
Concen: 45.46 ng
RT: 13.41 min Scan# 991
Delta R.T. 0.01 min
Lab File: BF084004.D
Acq: 22 Dec 2015 22:40

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 363864
Ion Ratio Lower Upper
149 100
91 60.9 57.6 86.4
206 19.0 13.2 19.8

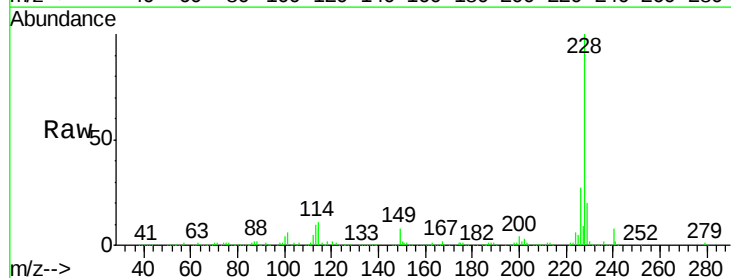


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

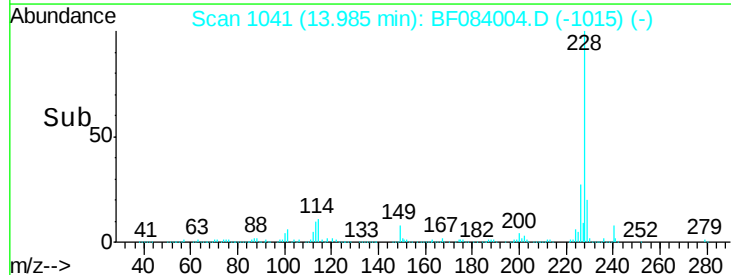
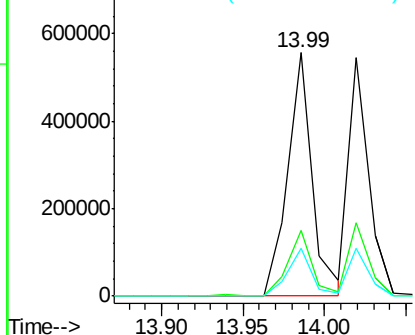


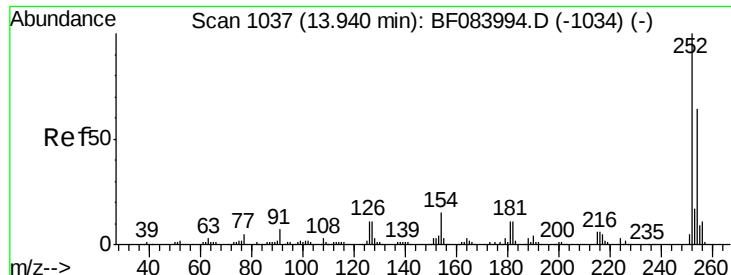
#80
Benzo(a)anthracene
Concen: 39.57 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF084004.D
Acq: 22 Dec 2015 22:40

Tgt Ion:228 Resp: 585320
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.6
229 19.6 15.8 23.8



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

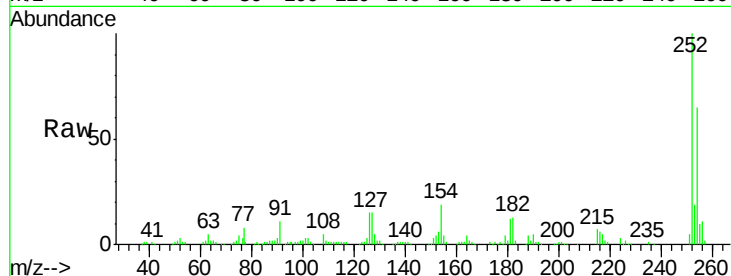




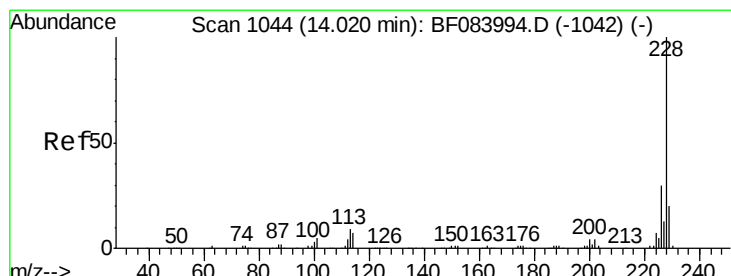
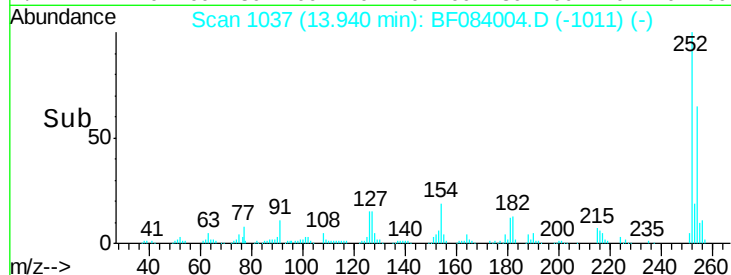
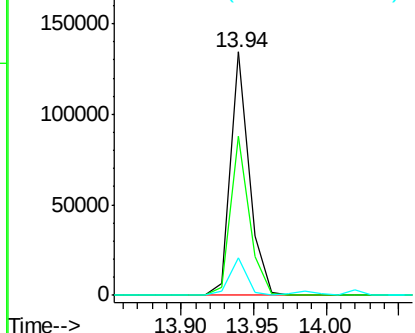
#81
 3,3'-Dichlorobenzidine
 Concen: 21.78 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:252 Resp: 121167
 Ion Ratio Lower Upper
 252 100
 254 65.3 53.5 80.3
 126 15.2 4.9 7.3#

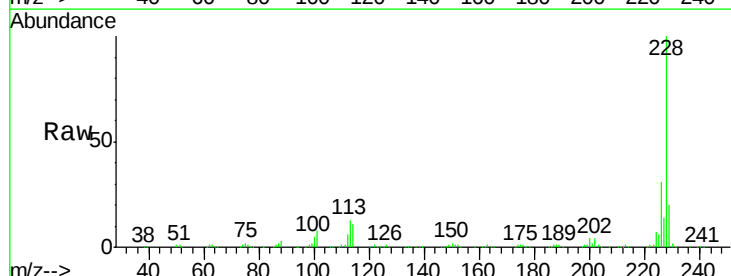


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

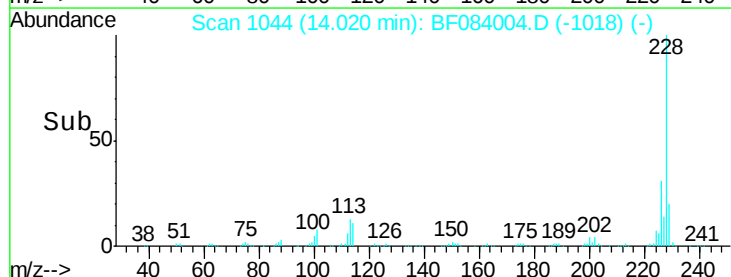
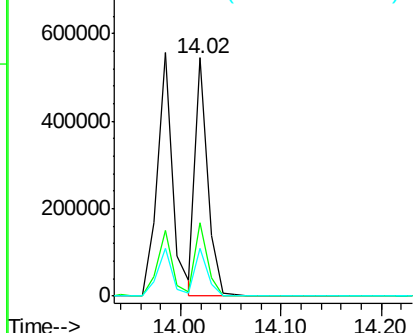


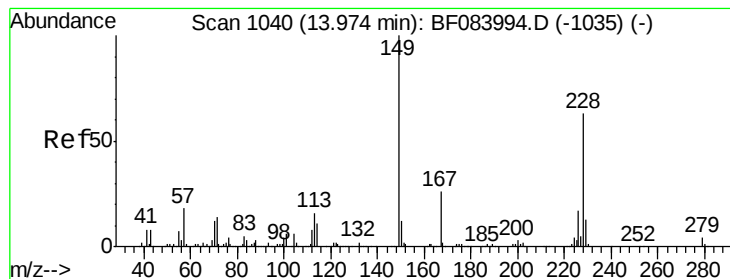
#82
 Chrysene
 Concen: 34.93 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Tgt Ion:228 Resp: 479631
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.3 36.5
 229 20.3 16.1 24.1



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.74 ng

RT: 13.97 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

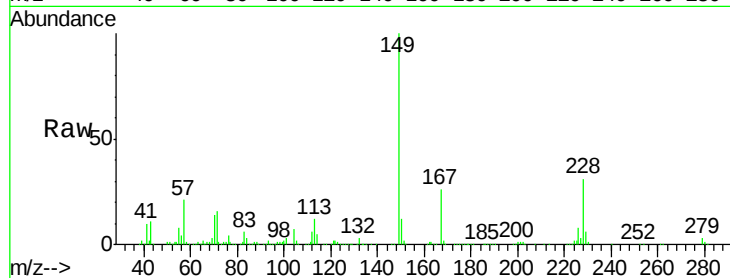
Tgt Ion:149 Resp: 463312

Ion Ratio Lower Upper

149 100

167 25.7 19.7 29.5

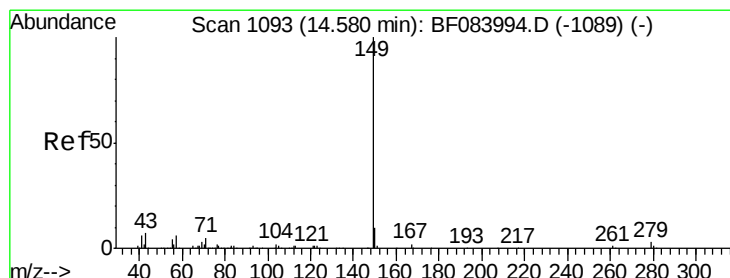
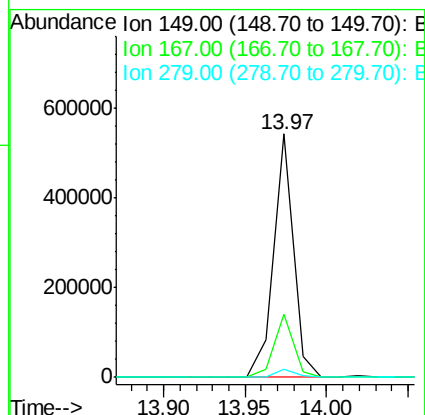
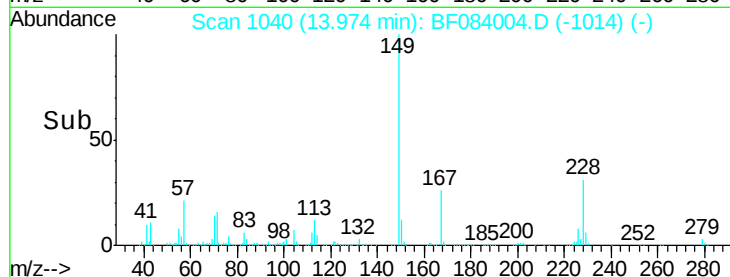
279 3.2 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.97 ng

RT: 14.58 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

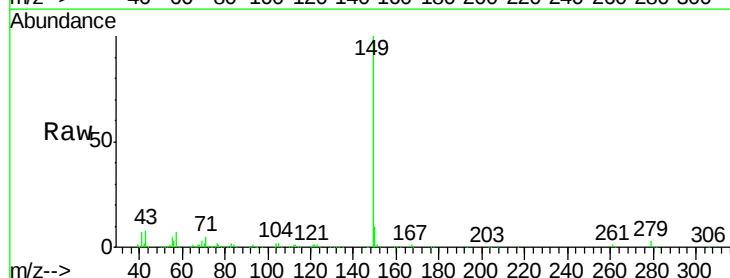
Tgt Ion:149 Resp: 733475

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

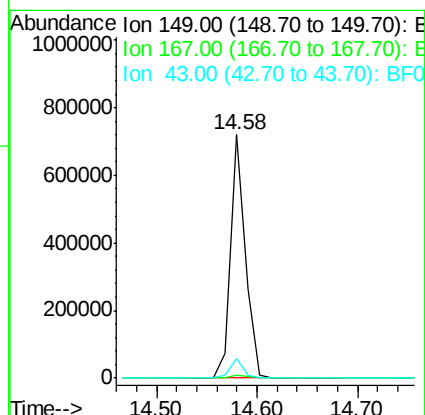
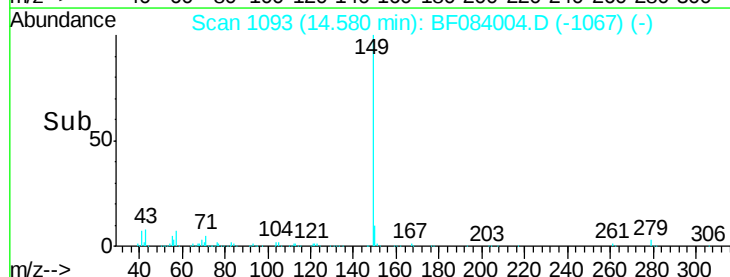
43 7.3 5.6 8.4

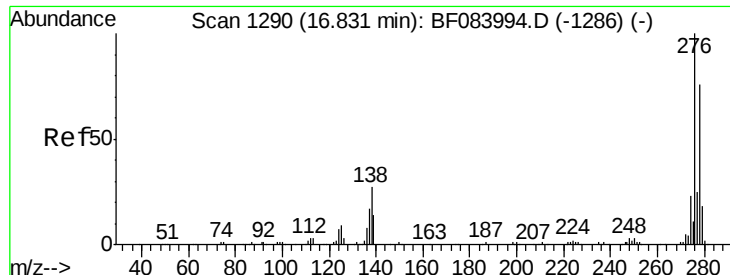


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

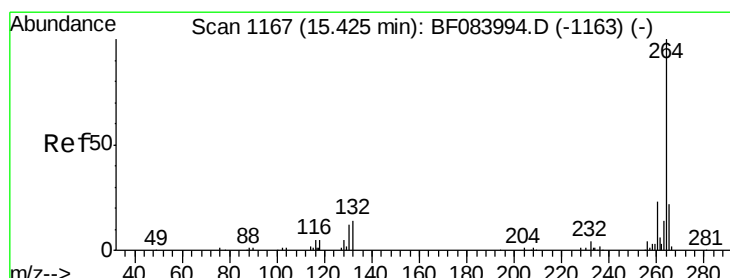
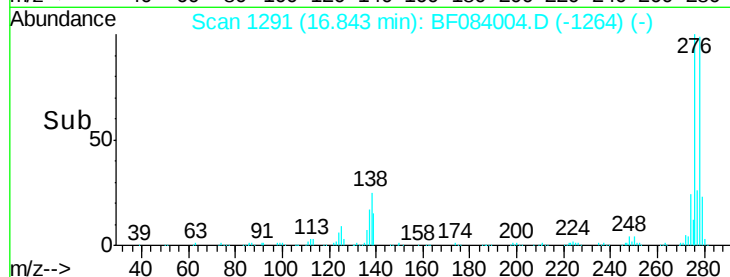
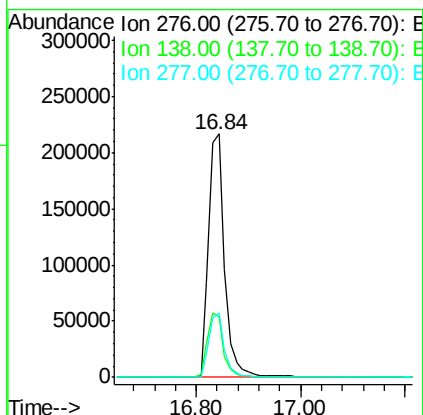
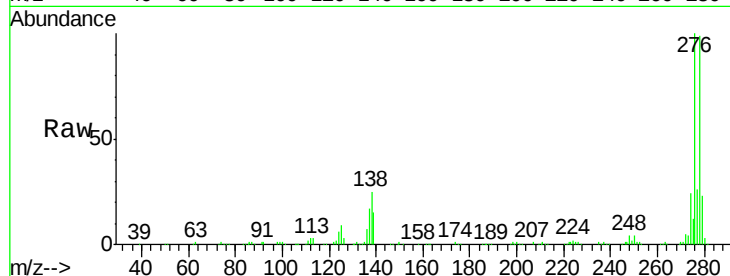




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.03 ng
 RT: 16.84 min Scan# 1291
 Delta R.T. 0.01 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

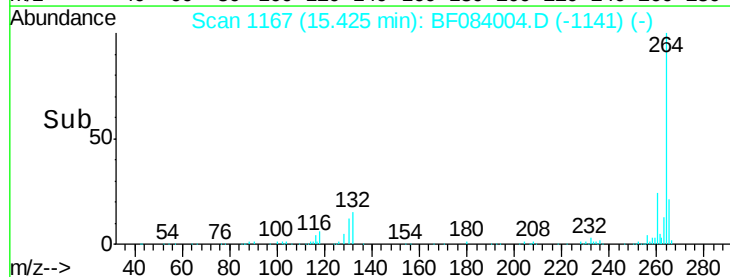
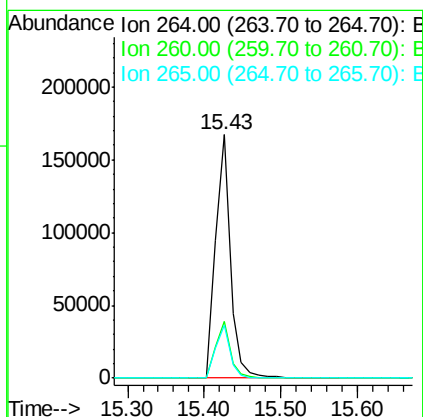
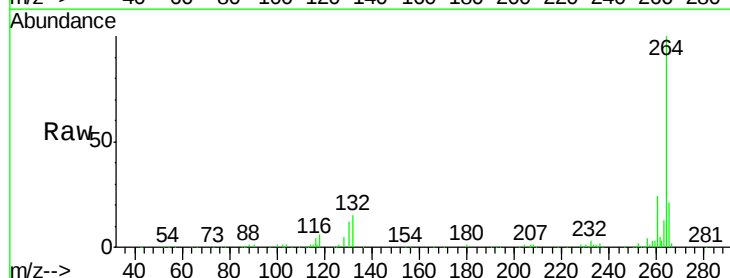
Instrument :
 BNA_F
 ClientSampleId :

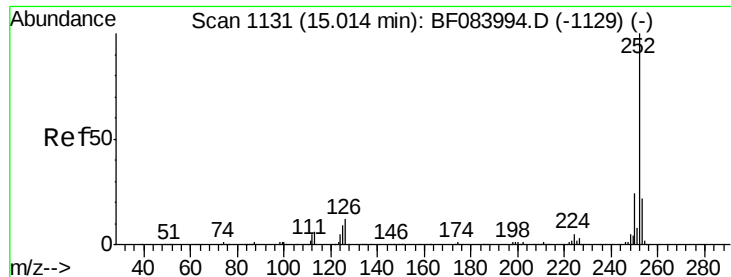
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.6	30.8
277	25.6	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.5	17.8	26.6

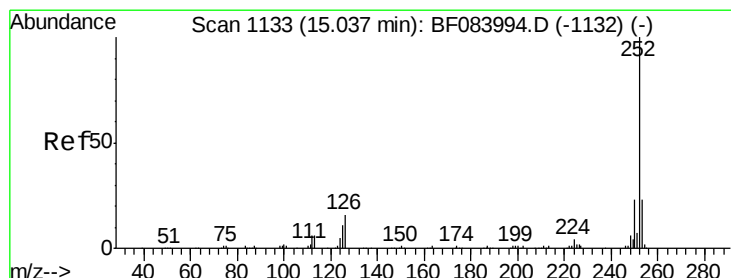
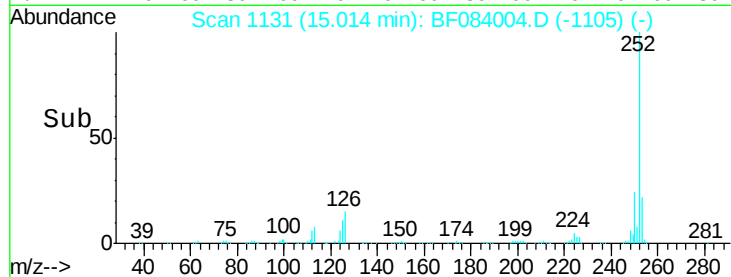
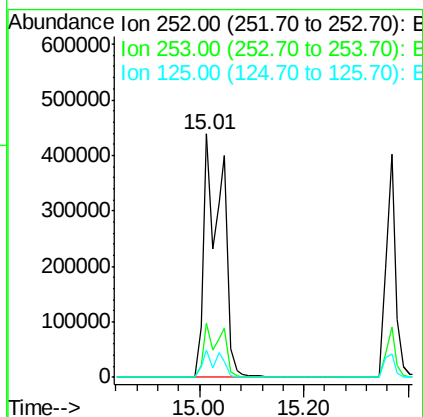
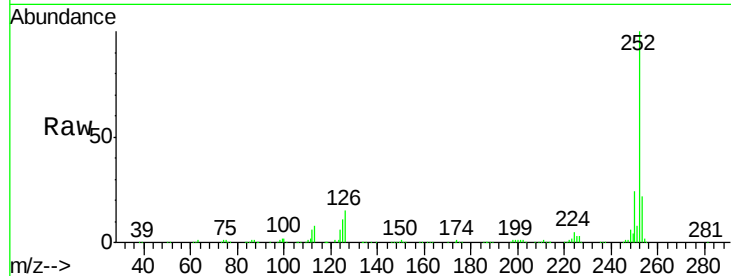




#87
Benzo(b)fluoranthene
Concen: 75.57 ng
RT: 15.01 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF084004.D
Acq: 22 Dec 2015 22:40

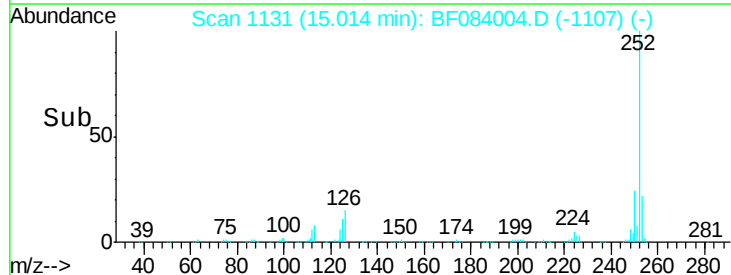
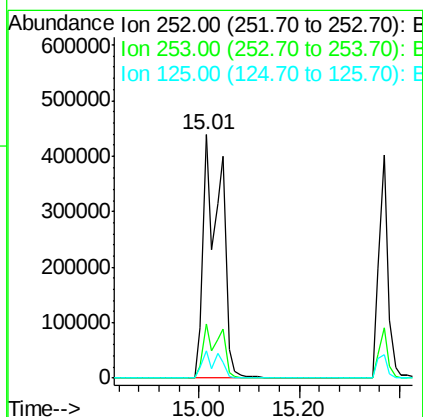
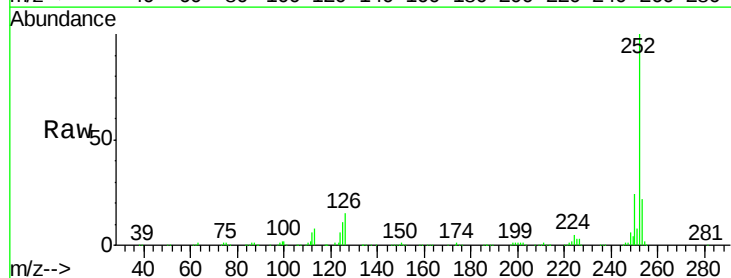
Instrument :
BNA_F
ClientSampled :

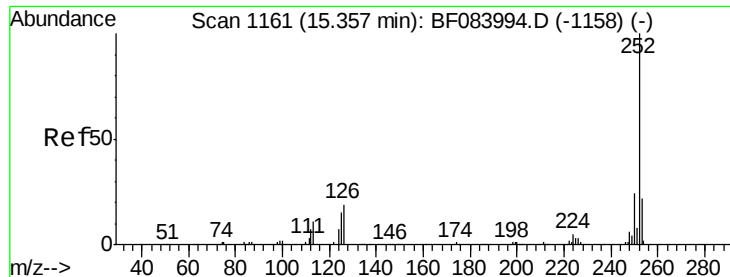
Tgt Ion:252 Resp: 1069384
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 11.4 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 79.47 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF084004.D
Acq: 22 Dec 2015 22:40

Tgt Ion:252 Resp: 1069551
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 11.4 9.0 13.6





#89

Benzo(a)pyrene

Concen: 39.25 ng

RT: 15.37 min Scan# 1162

Delta R.T. 0.01 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

Instrument :

BNA_F

ClientSampled :

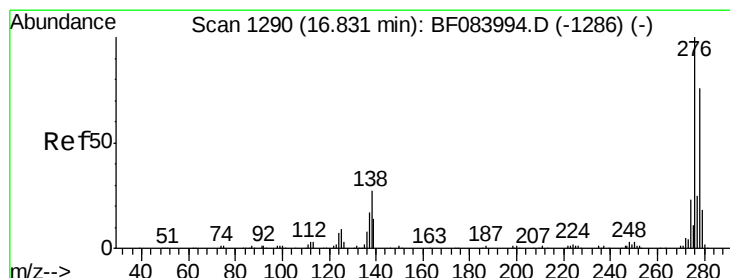
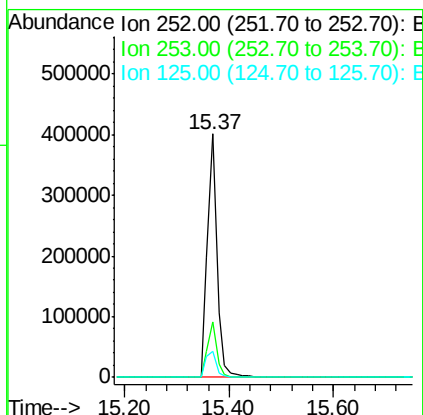
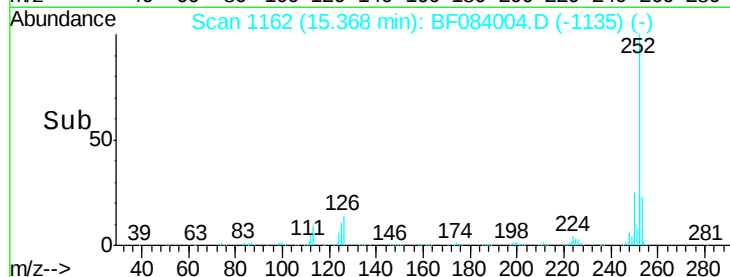
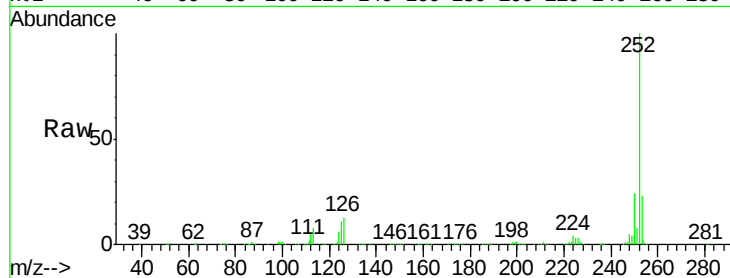
Tgt Ion:252 Resp: 514433

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 10.5 7.0 10.4#



#90

Dibenzo(a,h)anthracene

Concen: 36.29 ng

RT: 16.84 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BF084004.D

Acq: 22 Dec 2015 22:40

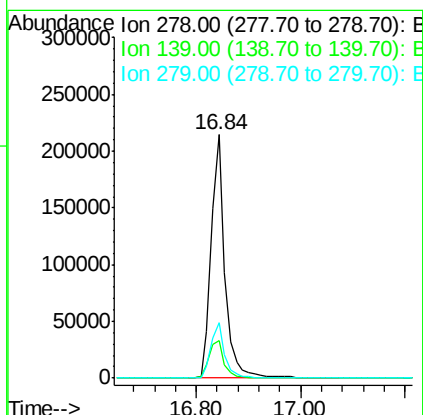
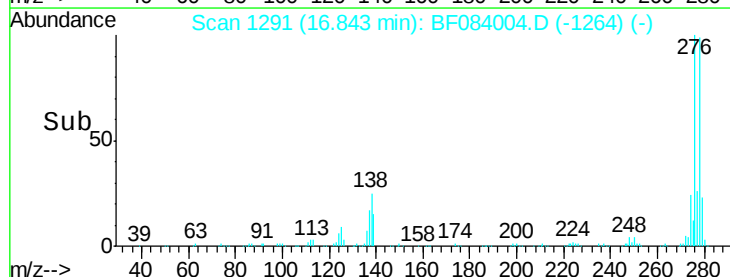
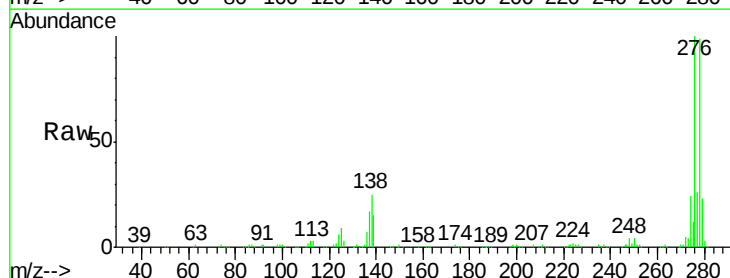
Tgt Ion:278 Resp: 394187

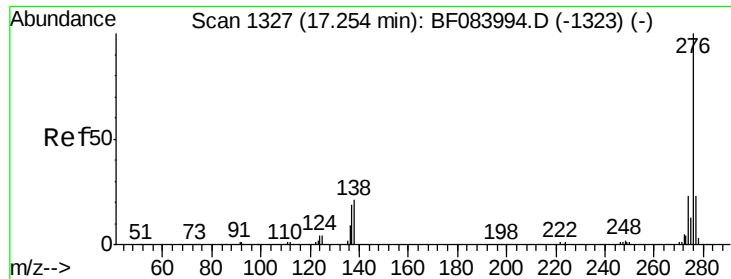
Ion Ratio Lower Upper

278 100

139 15.4 15.0 22.4

279 22.8 18.9 28.3

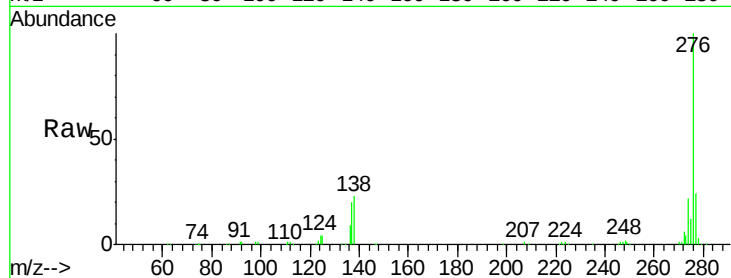




#91
 Benzo(g,h,i)perylene
 Concen: 31.38 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF084004.D
 Acq: 22 Dec 2015 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	22.9	17.8	26.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

