

Data Path : Z:\HPCHEM1\BNA F\Data\BF012516\
 Data File : BF084605.D
 Acq On : 25 Jan 2016 14:18
 Operator : SJ/IZ
 Sample : PB87944BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 16:40:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	167676	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	682159	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	353481	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	650190	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	619564	20.00	ng	0.00
86) Perylene-d12	15.28	264	463183	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1102036	106.31	ng	0.01
7) Phenol-d6	6.40	99	1508195	115.84	ng	0.00
23) Nitrobenzene-d5	7.31	82	962854	78.56	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	401371	112.47	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1552220	76.63	ng	0.00
78) Terphenyl-d14	12.84	244	1701346	61.30	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	123550	25.16	ng	# 69
3) Pyridine	3.04	79	352752	25.76	ng	# 69
4) n-Nitrosodimethylamine	2.98	42	228963	32.58	ng	# 65
6) Aniline	6.40	93	180767	9.49	ng	# 1
8) 2-Chlorophenol	6.52	128	386634	32.87	ng	85
9) Benzaldehyde	6.28	77	27842	3.28	ng	95
10) Phenol	6.41	94	512614	34.63	ng	92
11) bis(2-Chloroethyl)ether	6.48	93	357342	31.16	ng	# 78
12) 1,3-Dichlorobenzene	6.91	146	402505	33.17	ng	97
13) 1,4-Dichlorobenzene	6.75	146	398972	32.79	ng	98
14) 1,2-Dichlorobenzene	6.91	146	402533	34.55	ng	98
15) Benzyl Alcohol	6.89	79	347086	31.69	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.02	45	611989	29.31	ng	86
17) 2-Methylphenol	7.01	107	353202	35.83	ng	# 93
18) Hexachloroethane	7.25	117	167613	34.45	ng	# 88
19) n-Nitroso-di-n-propylamine	7.16	70	288557	32.74	ng	# 71
20) 3+4-Methylphenols	7.16	107	426525	36.81	ng	# 71
22) Acetophenone	7.15	105	577640	35.21	ng	94
24) Nitrobenzene	7.32	77	400343	32.20	ng	91
25) Isophorone	7.57	82	781257	33.33	ng	96
26) 2-Nitrophenol	7.64	139	209613	37.05	ng	# 78
27) 2,4-Dimethylphenol	7.69	122	372888	32.56	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	459906	32.12	ng	98
29) 2,4-Dichlorophenol	7.89	162	363976	38.15	ng	95
30) 1,2,4-Trichlorobenzene	7.96	180	350931	35.63	ng	97
31) Naphthalene	8.04	128	1082460	34.98	ng	99
32) Benzoic acid	7.82	122	262107	37.19	ng	92
33) 4-Chloroaniline	8.10	127	71312	5.03	ng	97
34) Hexachlorobutadiene	8.17	225	210357	37.16	ng	98
35) Caprolactam	8.48	113	66740	20.75	ng	# 42
36) 4-Chloro-3-methylphenol	8.60	107	428753	40.12	ng	97
37) 2-Methylnaphthalene	8.74	142	801975	36.10	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	339363	33.40	ng	98
40) Hexachlorocyclopentadiene	8.90	237	385924	62.91	ng	98

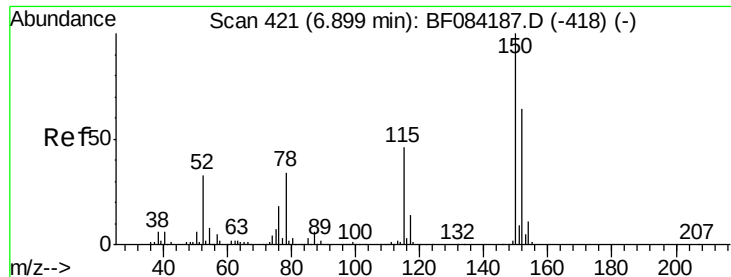
Data Path : Z:\HPCHEM1\BNA F\Data\BF012516\
 Data File : BF084605.D
 Acq On : 25 Jan 2016 14:18
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Quant Time: Jan 25 16:40:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	266214	35.02	nq	93
43) 2,4,5-Trichlorophenol	9.07	196	252978	34.71	nq	# 90
45) 1,1'-Biphenyl	9.21	154	1023952	36.45	nq	95
46) 2-Chloronaphthalene	9.23	162	764727	34.65	nq	# 89
47) 2-Nitroaniline	9.32	65	242846	33.34	nq	93
48) Acenaphthylene	9.64	152	1218806	37.38	nq	98
49) Dimethylphthalate	9.52	163	978399	38.72	nq	# 91
50) 2,6-Dinitrotoluene	9.57	165	218216	39.37	nq	# 70
51) Acenaphthene	9.81	154	811468	37.11	nq	99
52) 3-Nitroaniline	9.73	138	56942	8.29	nq	100
53) 2,4-Dinitrophenol	9.85	184	221973	93.39	nq	# 79
54) Dibenzofuran	9.98	168	1070002	37.27	nq	92
55) 4-Nitrophenol	9.92	139	336666	67.53	nq	# 66
56) 2,4-Dinitrotoluene	9.97	165	252453	35.99	nq	# 76
57) Fluorene	10.33	166	895088	40.64	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	224624	36.10	nq	89
59) Diethylphthalate	10.21	149	960666	38.56	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	366009	38.46	nq	# 84
61) 4-Nitroaniline	10.35	138	210191	34.33	nq	98
62) Azobenzene	10.48	77	953032	34.87	nq	85
64) 4,6-Dinitro-2-methylphenol	10.38	198	173251	43.71	nq	96
65) n-Nitrosodiphenylamine	10.44	169	736954	35.45	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	259397	37.07	nq	# 82
67) Hexachlorobenzene	10.86	284	280727	35.64	nq	# 71
68) Atrazine	10.98	200	275818	40.54	nq	95
69) Pentachlorophenol	11.07	266	325282	79.65	nq	98
70) Phenanthrene	11.29	178	1399128	41.14	nq	98
71) Anthracene	11.33	178	1266193	37.98	nq	98
72) Carbazole	11.49	167	1199241	36.79	nq	99
73) Di-n-butylphthalate	11.82	149	1456337	41.10	nq	# 96
74) Fluoranthene	12.47	202	1307561	36.80	nq	98
76) Benzidine	12.59	184	416906	18.77	nq	98
77) Pyrene	12.69	202	1401285	28.82	nq	98
79) Butylbenzylphthalate	13.32	149	637873	30.32	nq	91
80) Benzo(a)anthracene	13.88	228	1198839	32.95	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	219418	17.28	nq	# 97
82) Chrysene	13.92	228	1009883	28.89	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	822690	30.95	nq	100
84) Di-n-octyl phthalate	14.50	149	1439431	32.08	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.60	276	816525	29.47	nq	96
87) Benzo(b)fluoranthene	14.92	252	2048700	67.62	nq	# 99
88) Benzo(k)fluoranthene	14.92	252	2048700	82.68	nq	# 94
89) Benzo(a)pyrene	15.22	252	905284	35.23	nq	# 96
90) Dibenzo(a,h)anthracene	16.61	278	688850	31.15	nq	# 94
91) Benzo(g,h,i)perylene	16.99	276	669567	29.24	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

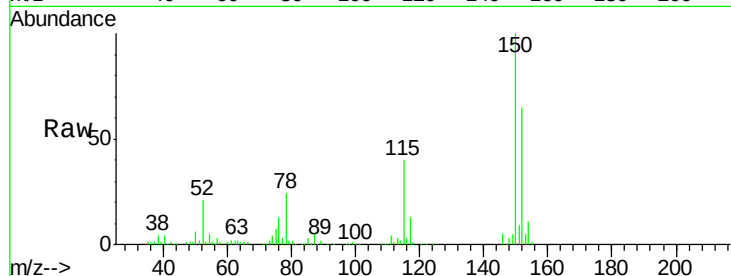
Tot Ion:152 Resp: 167676

Ion Ratio Lower Upper

152 100

150 154.5 123.0 184.4

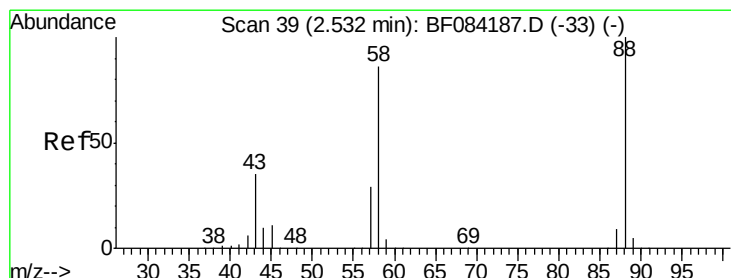
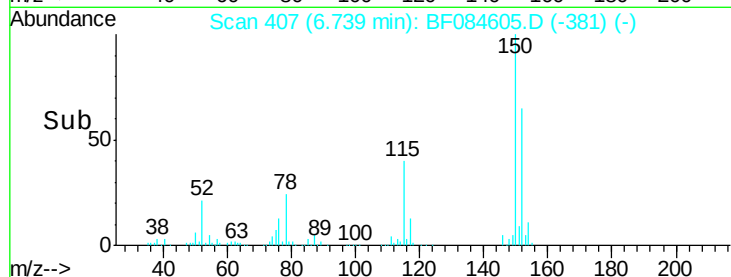
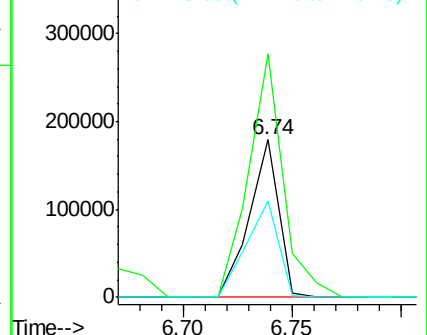
115 61.2 51.4 77.2



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



#2

1,4-Dioxane

Concen: 25.16 ng

RT: 2.35 min Scan# 23

Delta R.T. 0.10 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

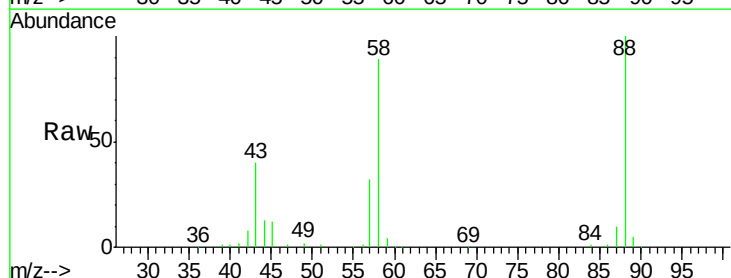
Tgt Ion: 88 Resp: 123550

Ion Ratio Lower Upper

88 100

58 88.1 51.2 76.8#

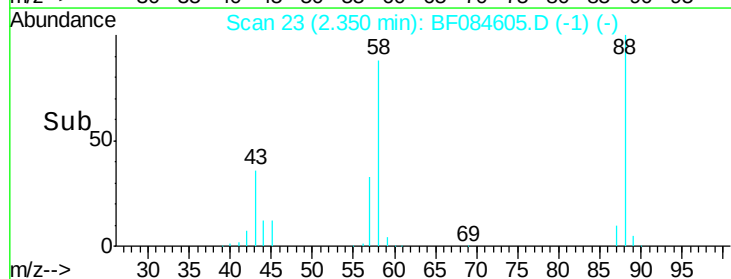
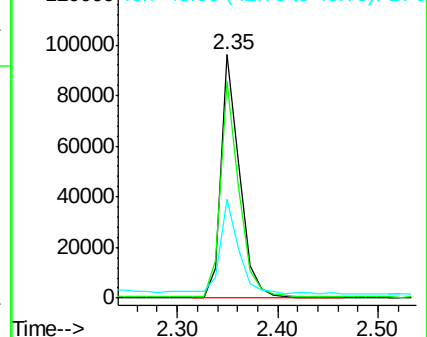
43 40.0 19.5 29.3#

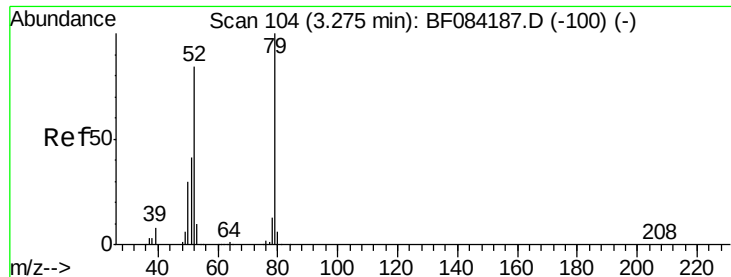


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 25.76 ng

RT: 3.04 min Scan# 83

Delta R.T. 0.10 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

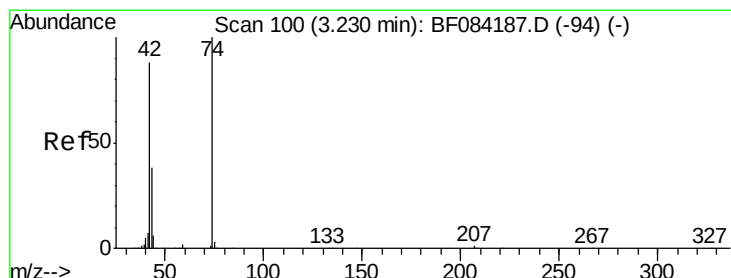
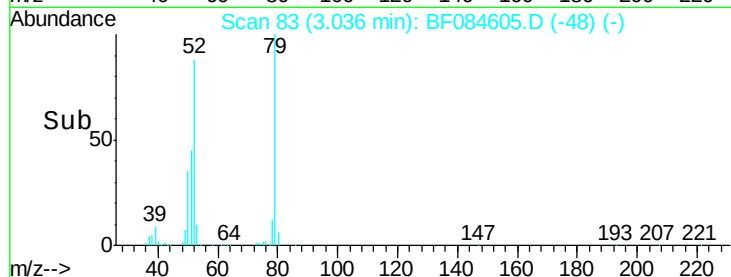
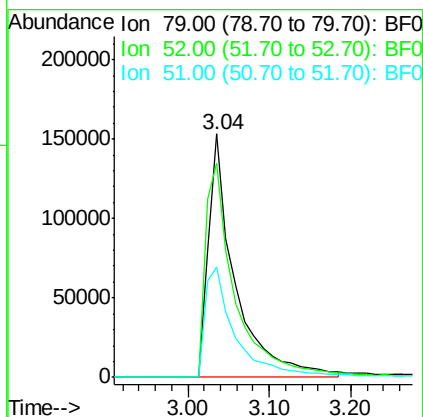
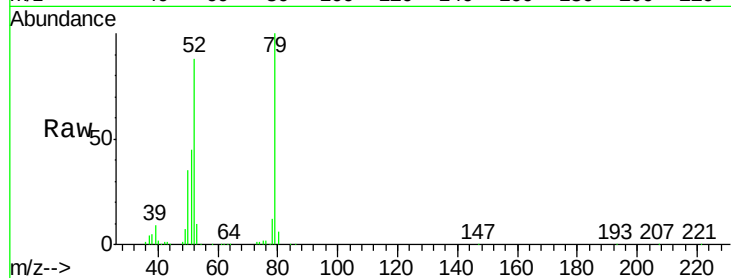
Tot Ion: 79 Resp: 352752

Ion Ratio Lower Upper

79 100

52 87.7 49.0 73.4#

51 45.3 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 32.58 ng

RT: 2.98 min Scan# 78

Delta R.T. 0.09 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

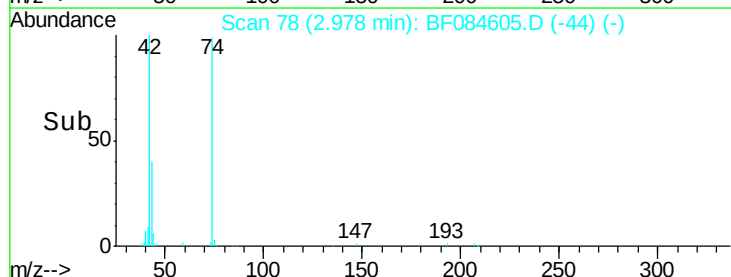
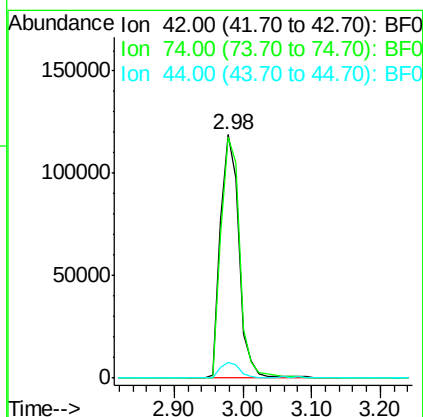
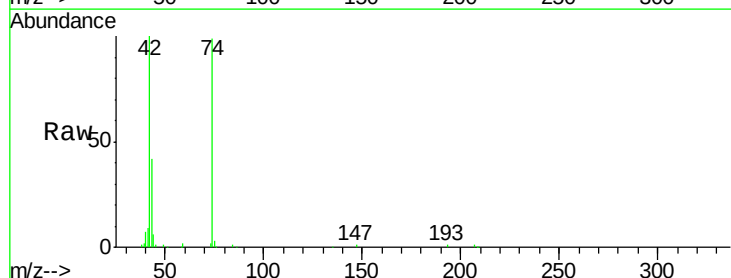
Tgt Ion: 42 Resp: 228963

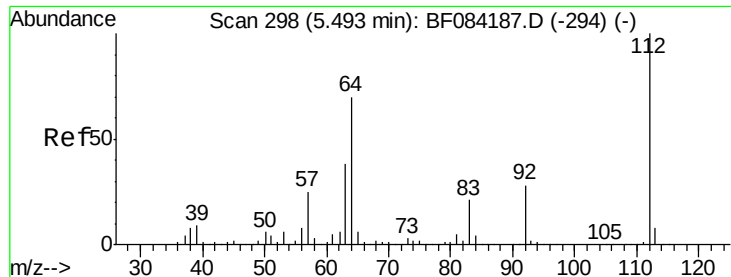
Ion Ratio Lower Upper

42 100

74 98.9 115.7 173.5#

44 6.3 5.1 7.7





#5

2-Fluorophenol

Concen: 106.31 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampled :

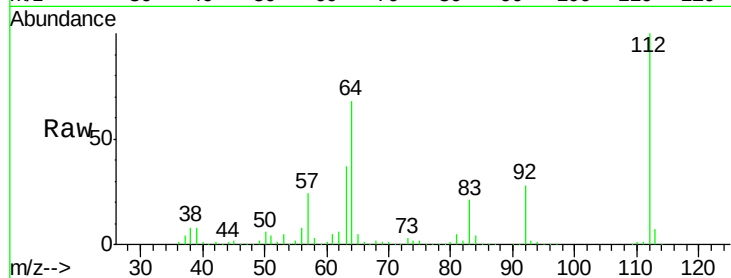
Tot Ion:112 Resp: 1102036

Ion Ratio Lower Upper

112 100

64 68.1 36.6 55.0#

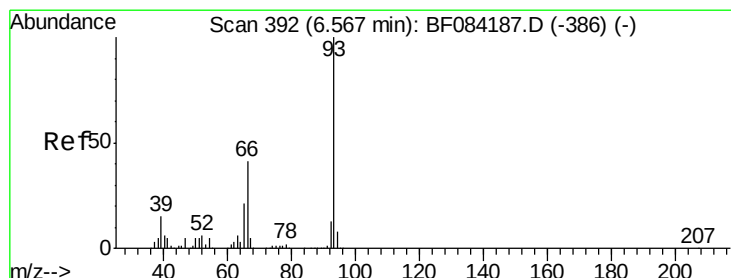
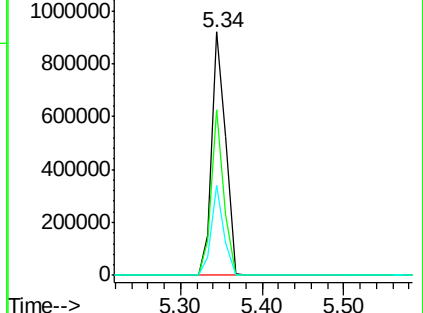
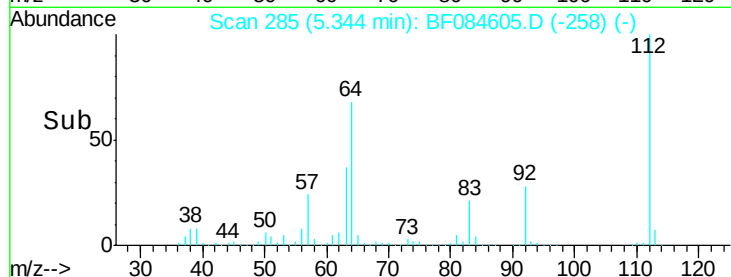
63 37.0 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.49 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

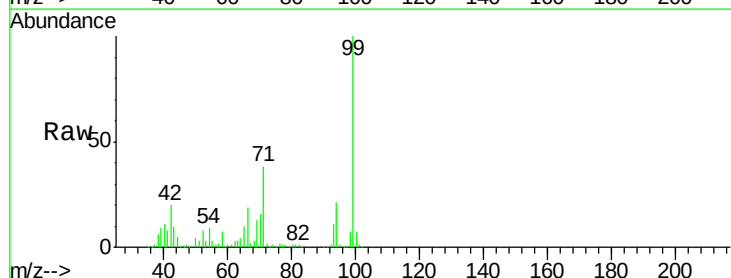
Tgt Ion: 93 Resp: 180767

Ion Ratio Lower Upper

93 100

66 167.9 44.9 67.3#

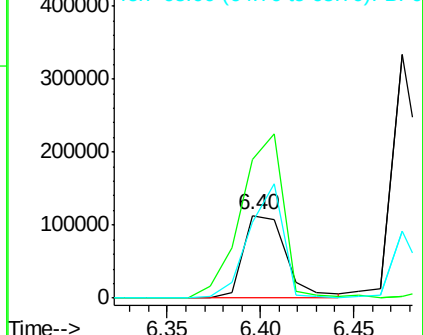
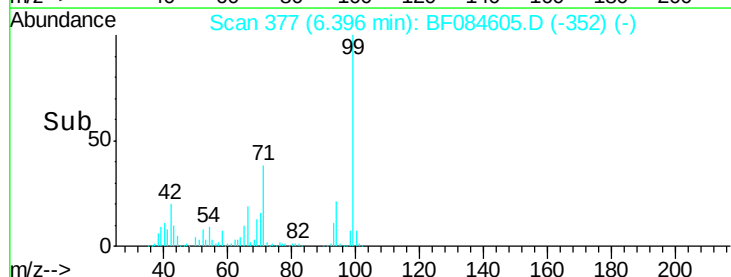
65 91.7 23.7 35.5#

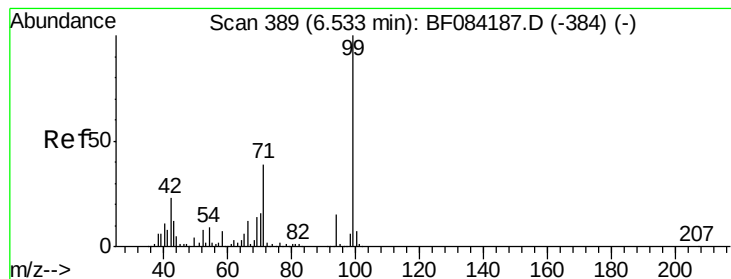


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.84 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampled :

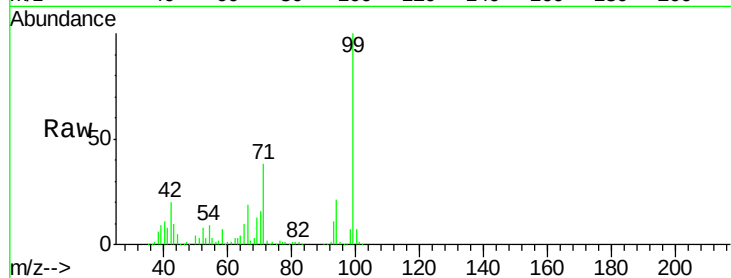
Tot Ion: 99 Resp: 1508195

Ion Ratio Lower Upper

99 100

42 19.7 12.8 19.2#

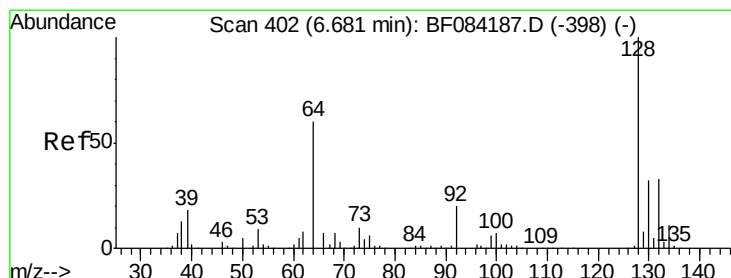
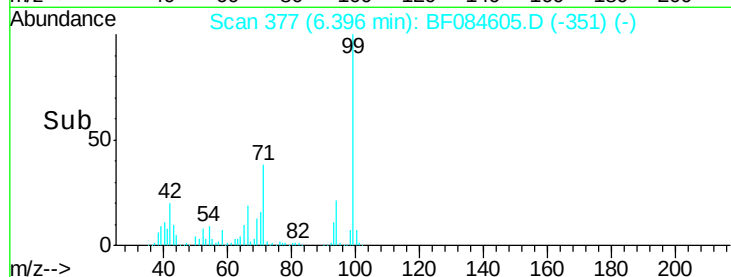
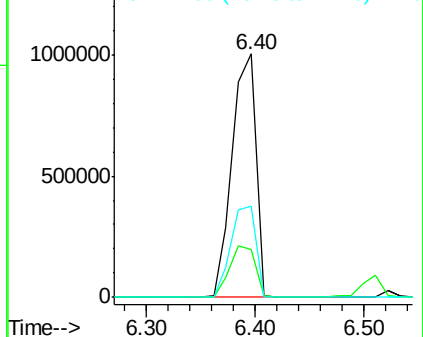
71 37.6 30.9 46.3



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: 32.87 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

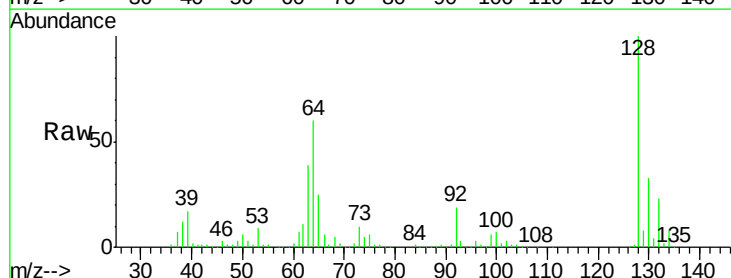
Tgt Ion:128 Resp: 386634

Ion Ratio Lower Upper

128 100

130 32.9 11.6 51.6

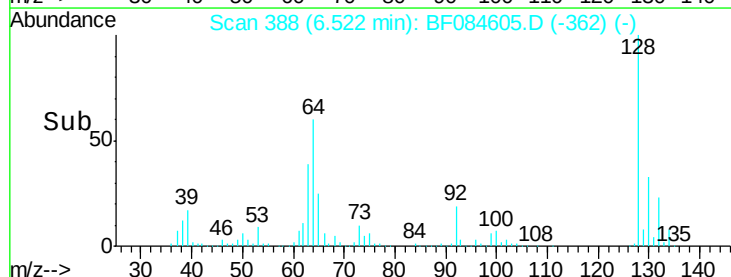
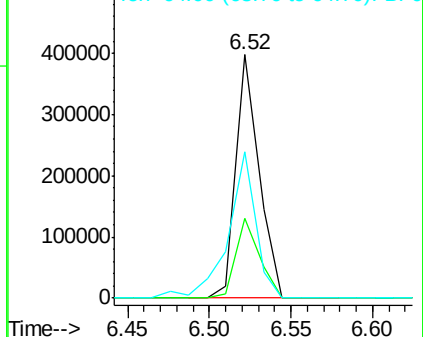
64 59.9 23.8 63.8

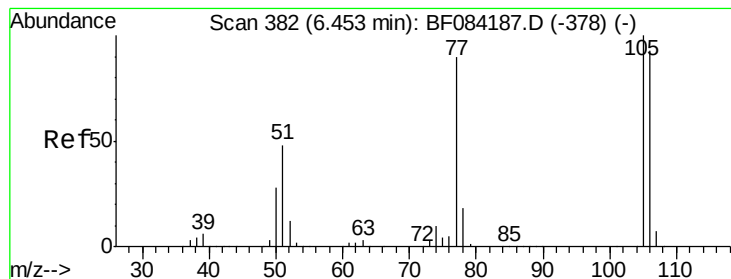


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.28 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampled :

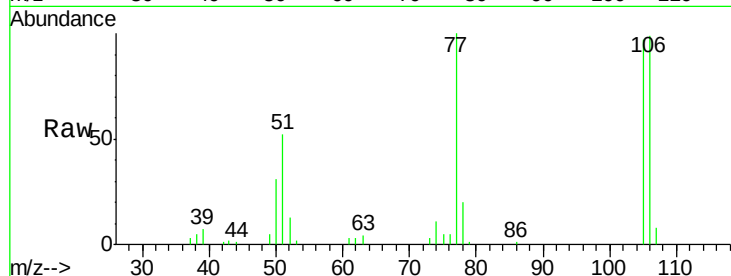
Tot Ion: 77 Resp: 27842

Ion Ratio Lower Upper

77 100

105 96.9 83.0 123.0

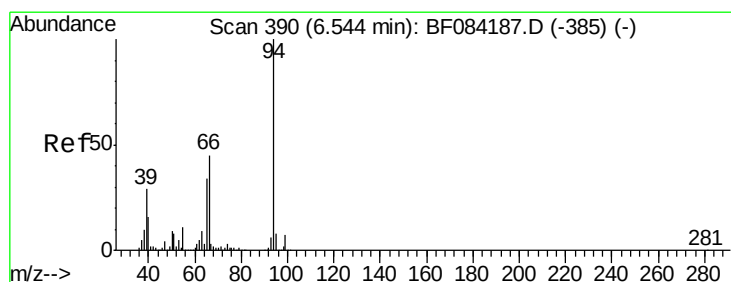
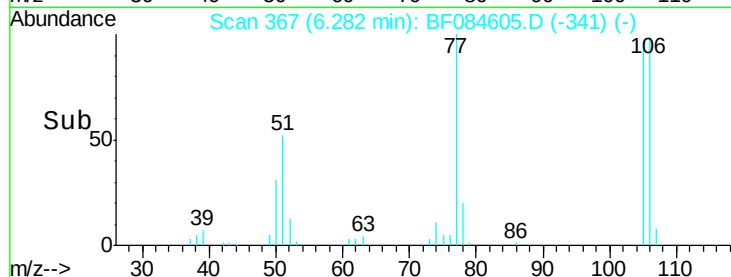
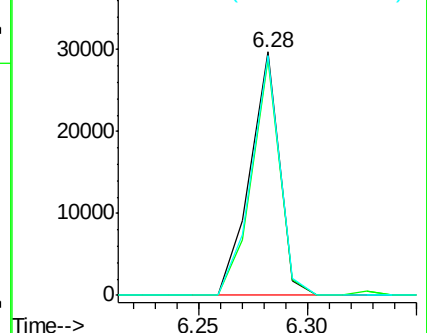
106 98.6 74.6 114.6



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: 34.63 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

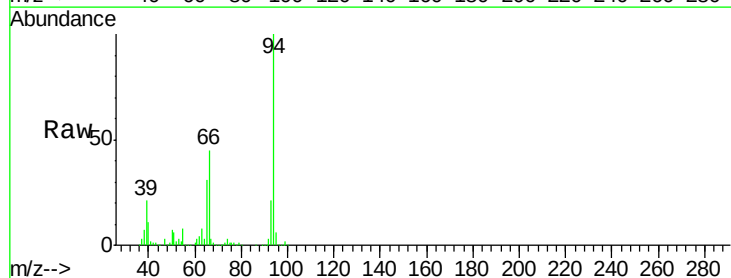
Tgt Ion: 94 Resp: 512614

Ion Ratio Lower Upper

94 100

65 31.1 12.9 52.9

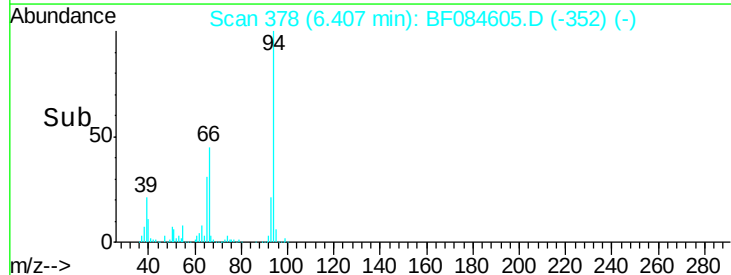
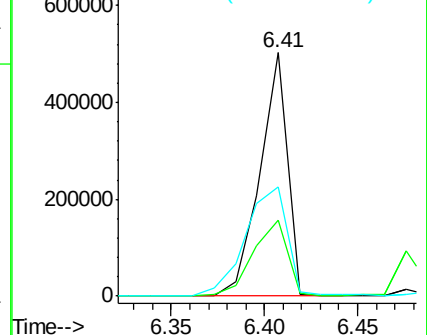
66 44.8 32.7 72.7

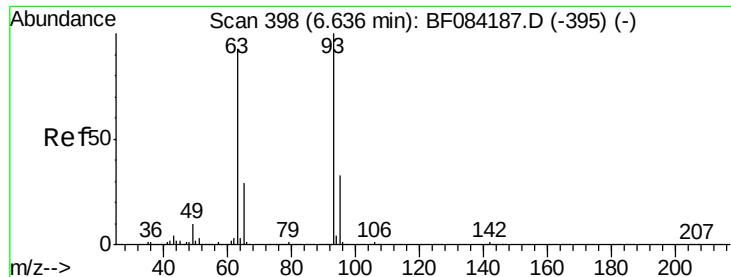


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

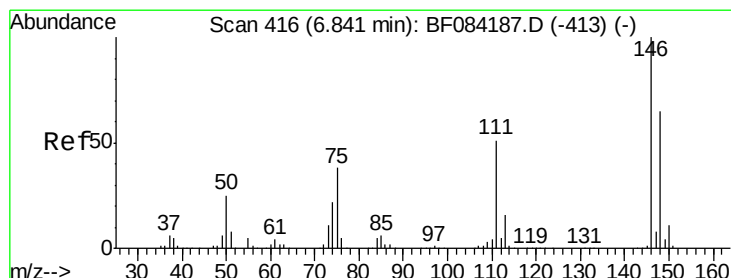
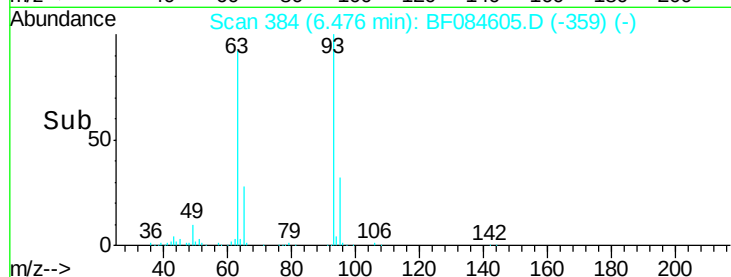
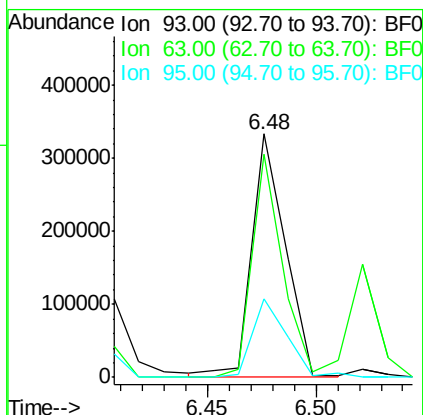
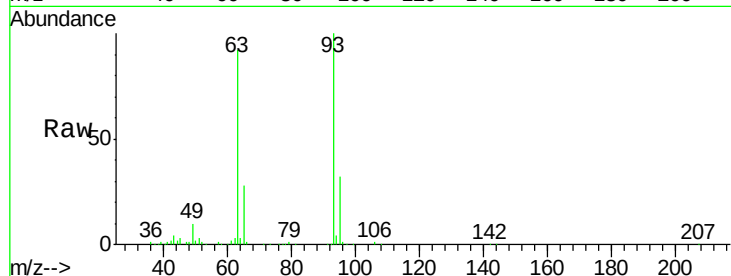




#11
bis(2-Chloroethyl)ether
Concen: 31.16 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

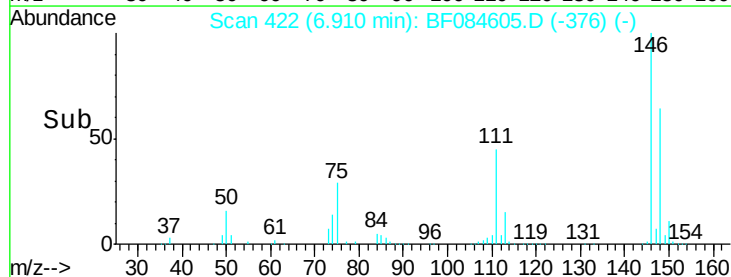
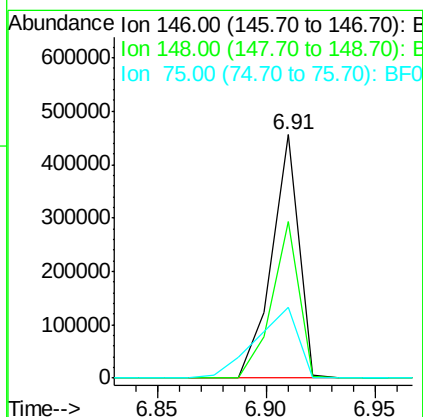
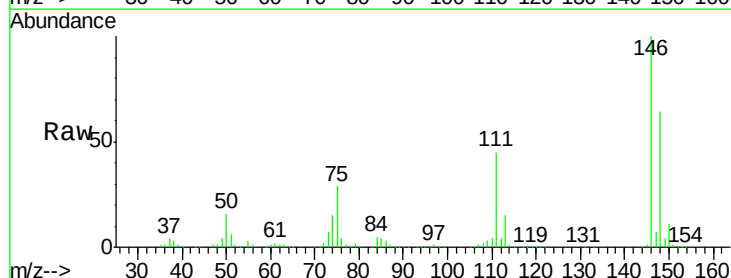
Instrument :
BNA_F
ClientSampleId :

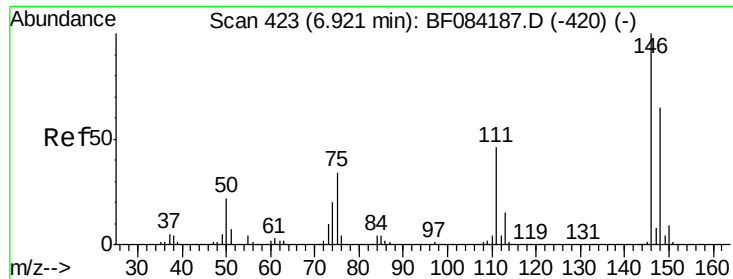
Tot Ion: 93 Resp: 357342
Ion Ratio Lower Upper
93 100
63 91.6 45.9 85.9#
95 32.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 33.17 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.23 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion: 146 Resp: 402505
Ion Ratio Lower Upper
146 100
148 64.1 51.9 77.9
75 29.0 20.5 30.7

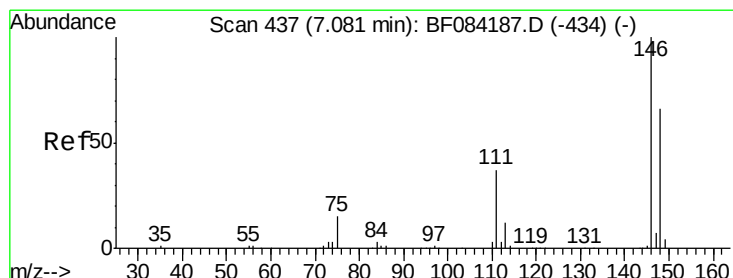
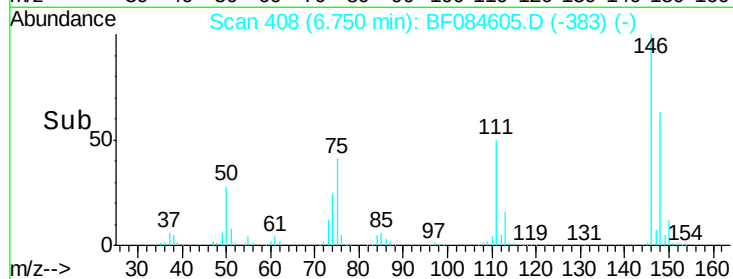
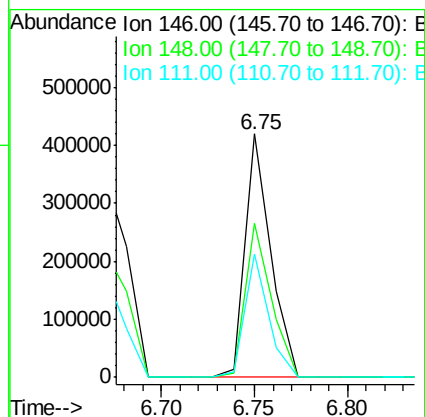
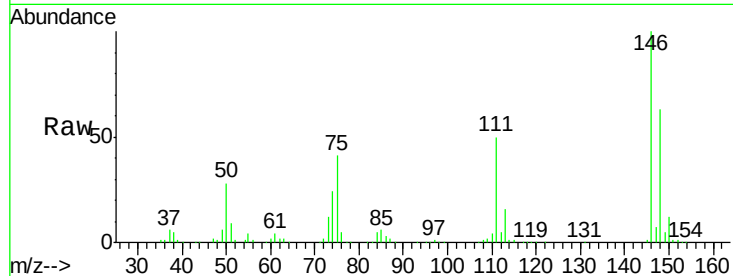




#13
 1,4-Dichlorobenzene
 Concen: 32.79 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

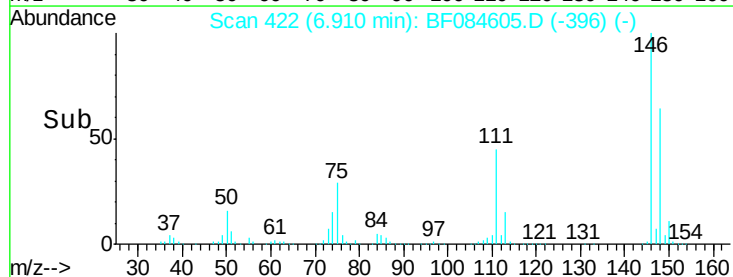
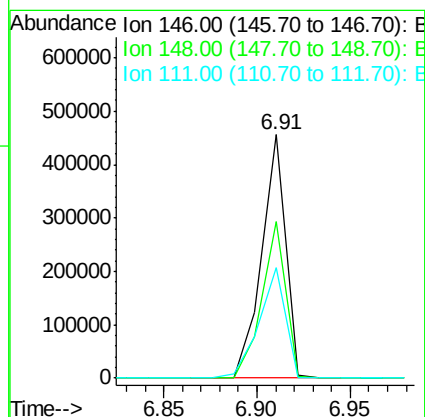
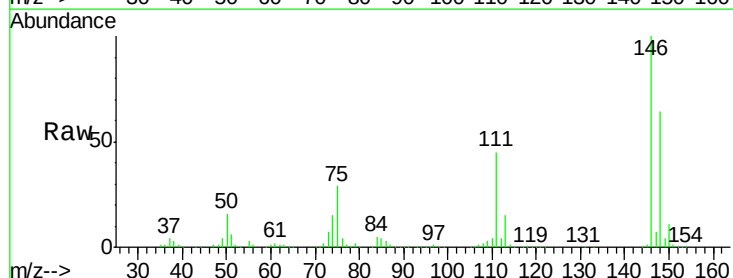
Instrument :
 BNA_F
 ClientSampleId :

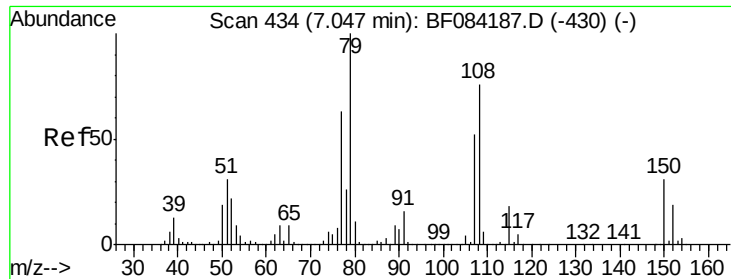
Tot Ion:146 Resp: 398972
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.9 77.9
 111 50.5 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 34.55 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Tgt Ion:146 Resp: 402533
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.6 77.4
 111 45.2 38.0 57.0





#15

Benzyl Alcohol

Concen: 31.69 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampled :

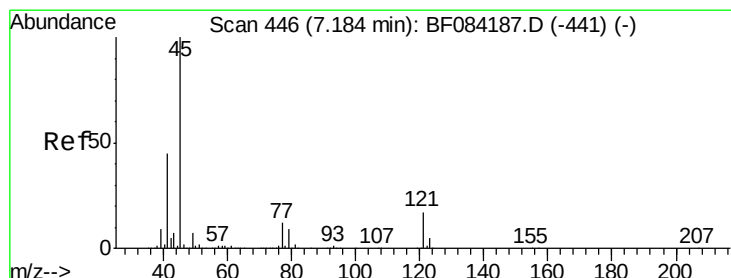
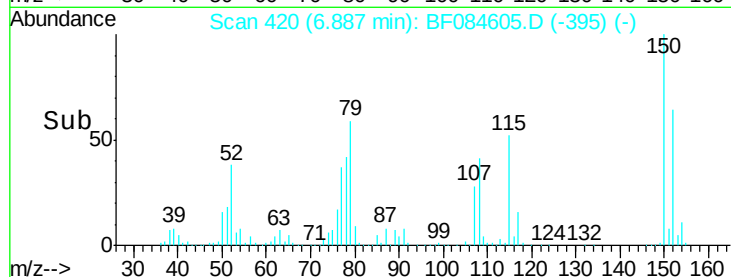
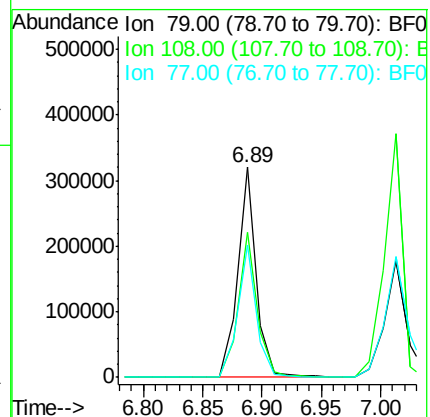
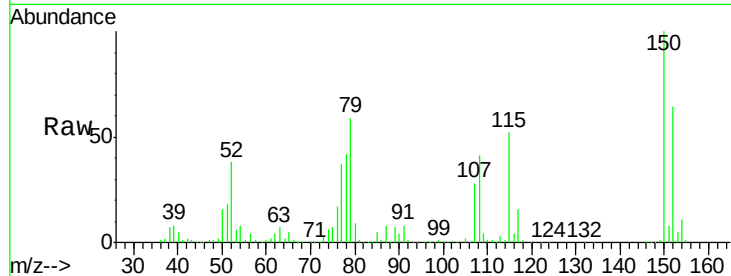
Tot Ion: 79 Resp: 347086

Ion Ratio Lower Upper

79 100

108 69.3 69.0 103.4

77 63.0 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.31 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

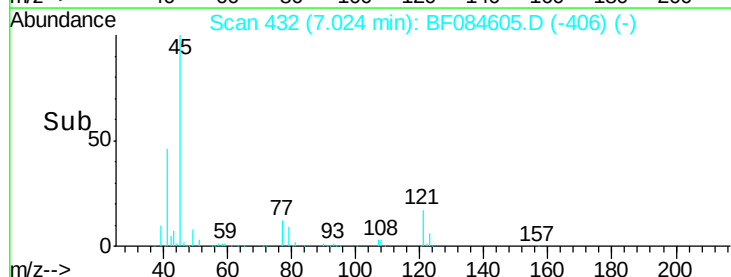
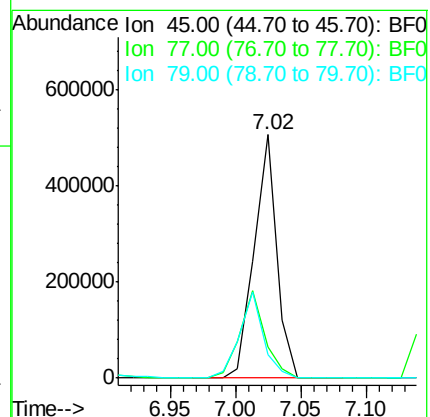
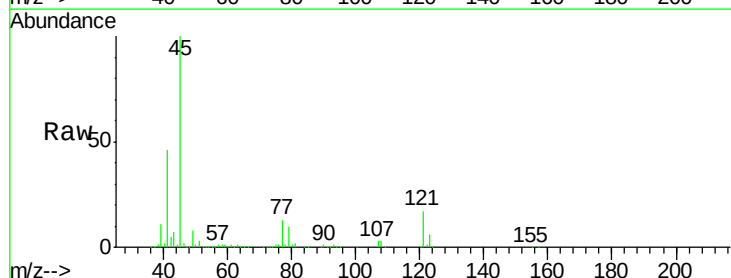
Tgt Ion: 45 Resp: 611989

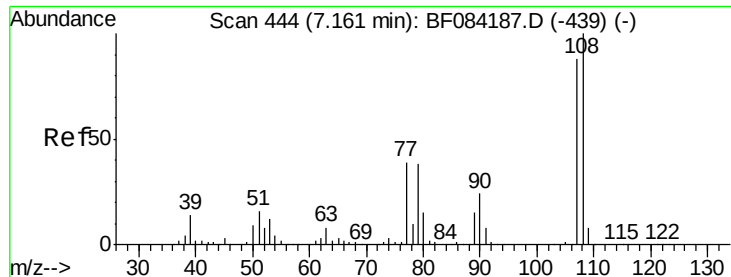
Ion Ratio Lower Upper

45 100

77 12.8 0.0 39.6

79 9.8 0.0 35.0





#17

2-Methylphenol

Concen: 35.83 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 353202

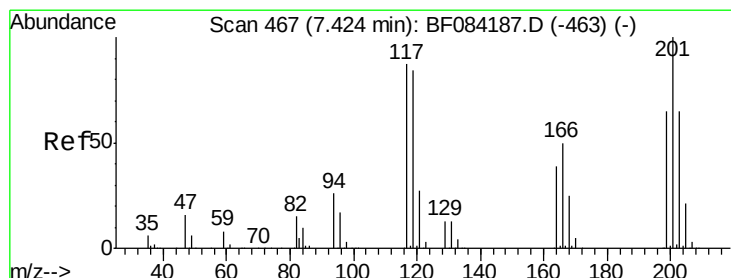
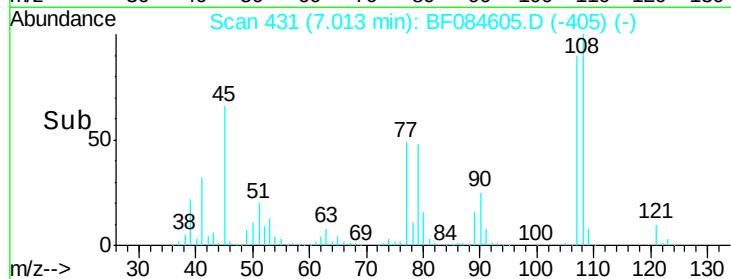
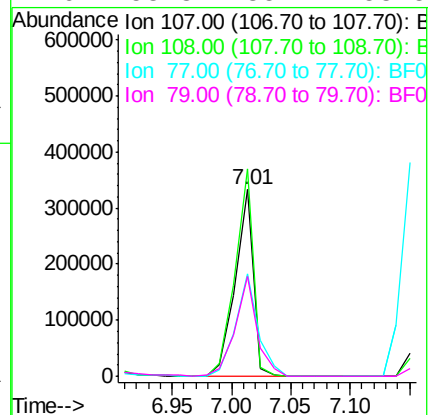
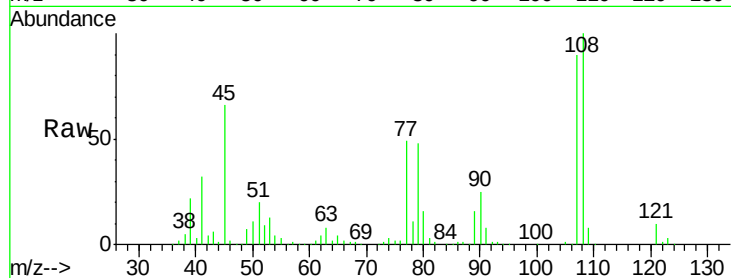
Ion Ratio Lower Upper

107 100

108 111.5 89.8 134.6

77 55.0 35.7 53.5#

79 53.8 35.7 53.5#



#18

Hexachloroethane

Concen: 34.45 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

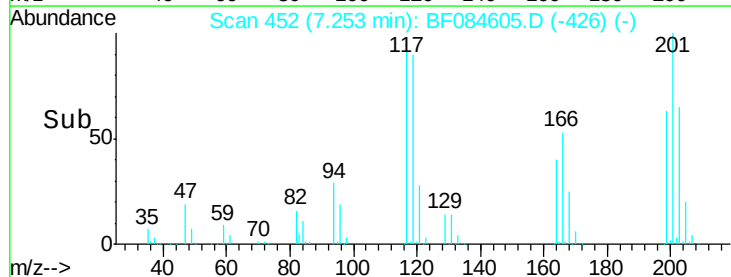
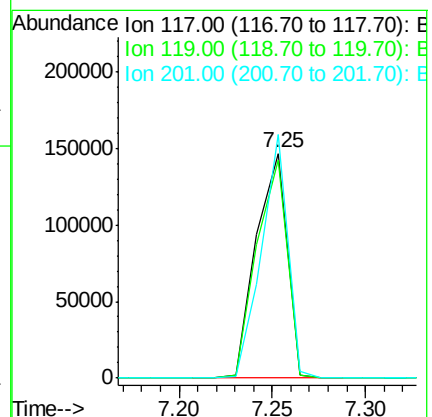
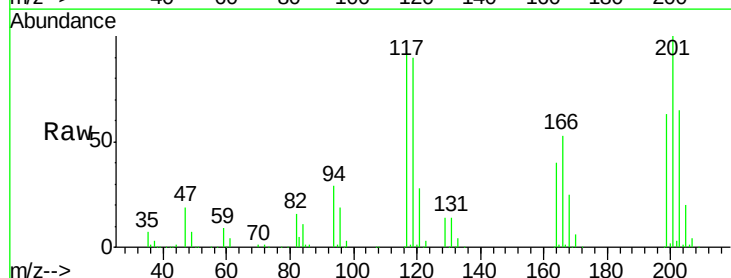
Tgt Ion:117 Resp: 167613

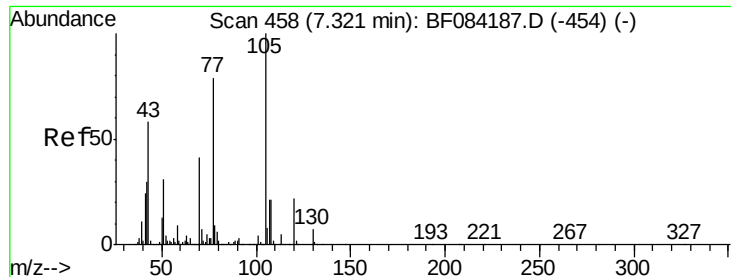
Ion Ratio Lower Upper

117 100

119 97.3 77.4 116.0

201 108.4 68.6 103.0#

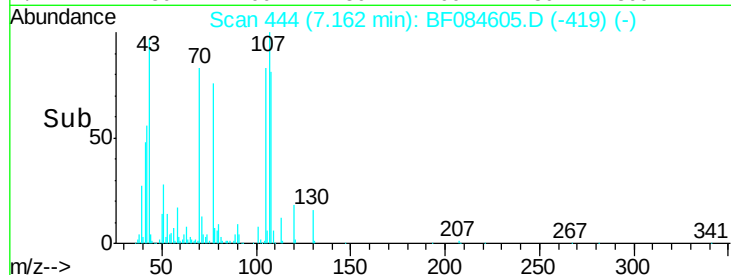
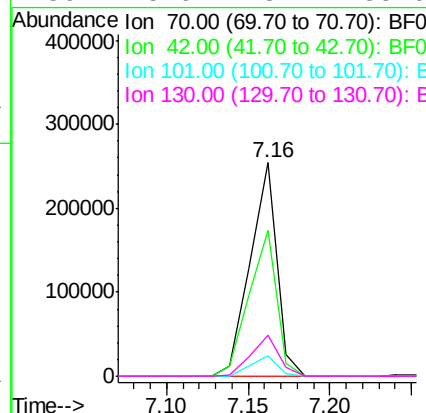
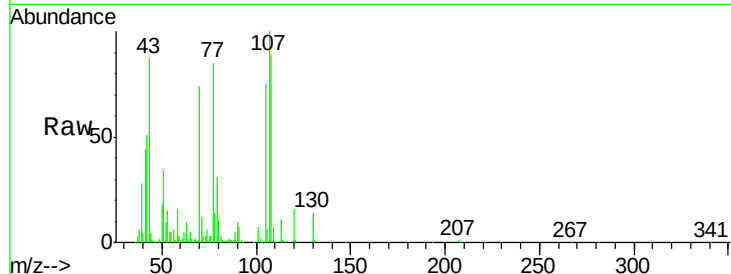




#19
n-Nitroso-di-n-propylamine
Concen: 32.74 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

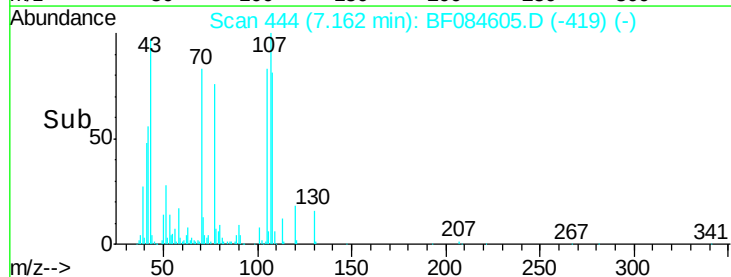
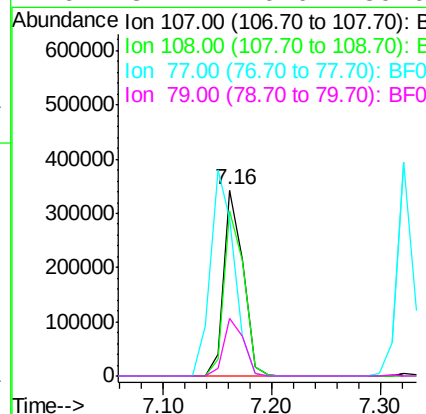
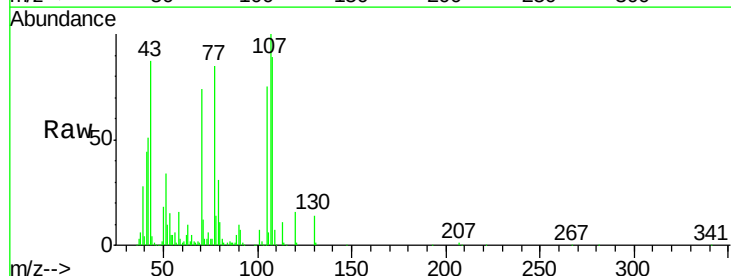
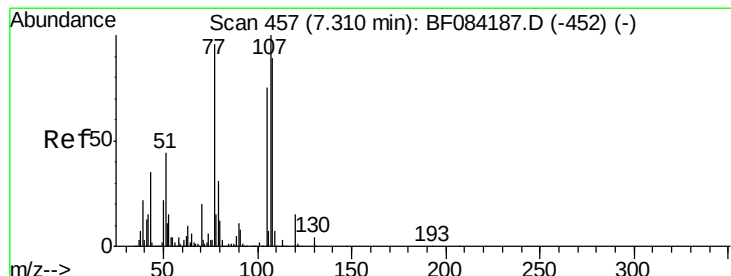
Instrument :
BNA_F
ClientSampleId :

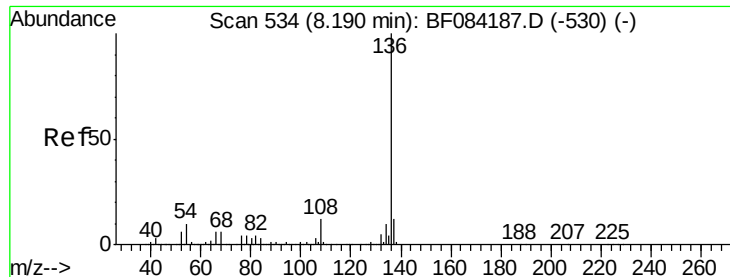
Tot Ion	Ratio	Lower	Upper
70	100		
42	68.3	33.3	49.9#
101	9.4	9.3	13.9
130	18.9	23.4	35.0#



#20
3+4-Methylphenols
Concen: 36.81 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.7	74.6	114.6
77	84.8	0.7	40.7#
79	31.1	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 682159

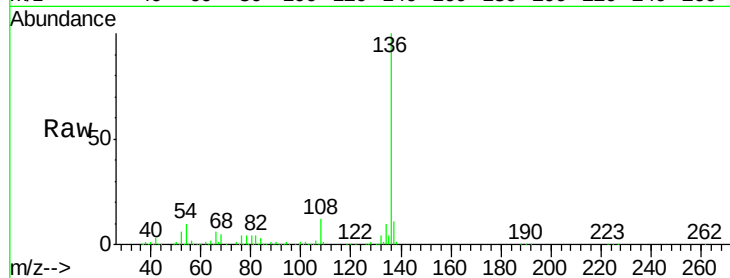
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.3 5.8 8.8#

68 4.8 4.2 6.2

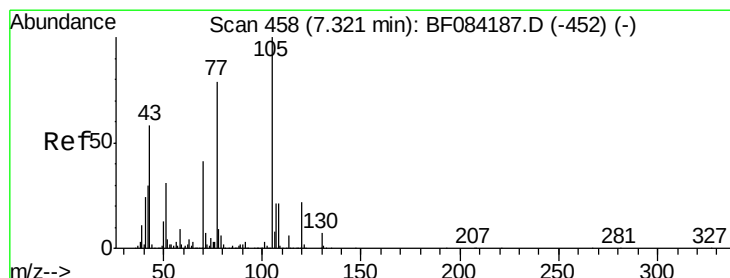
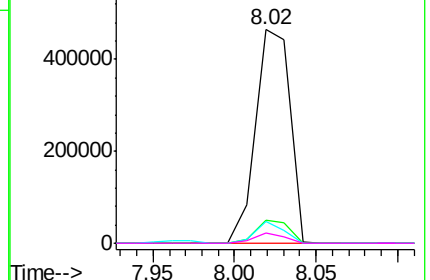
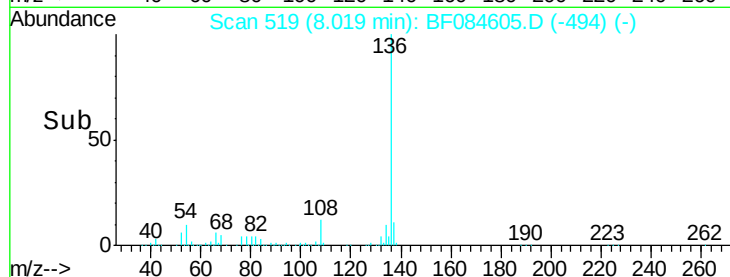


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.21 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Tgt Ion:105 Resp: 577640

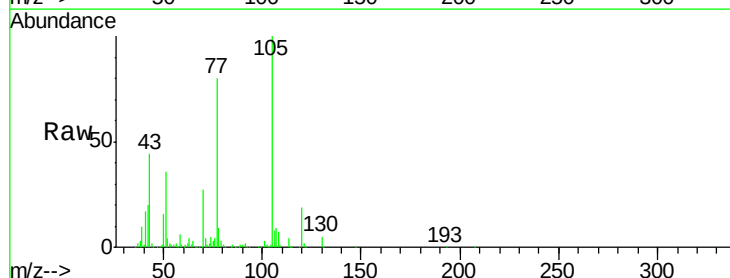
Ion Ratio Lower Upper

105 100

71 4.2 3.7 5.5

51 35.7 25.1 37.7

120 18.8 16.6 25.0

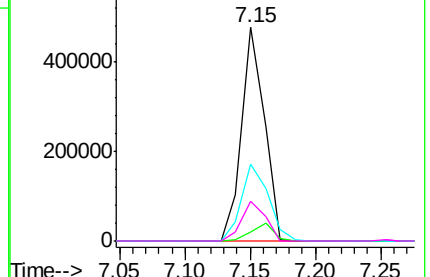
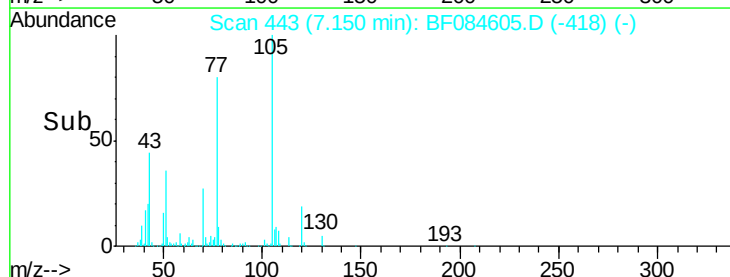


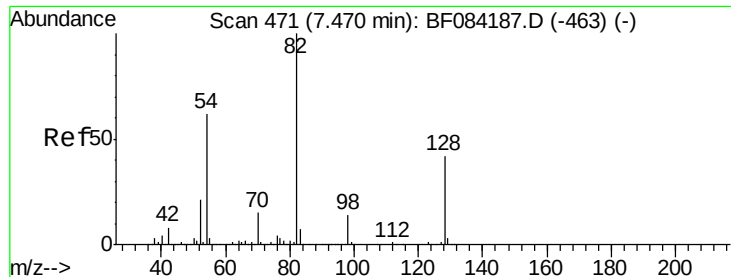
Abundance Ion 105.00 (104.70 to 105.70): E

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

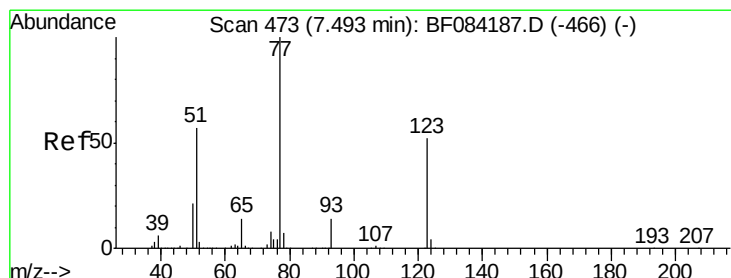
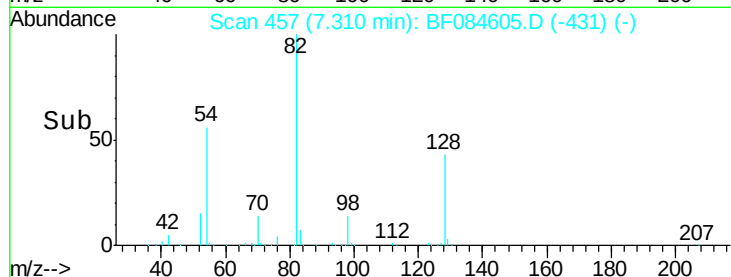
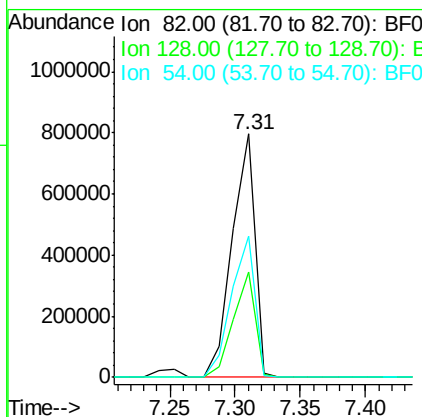
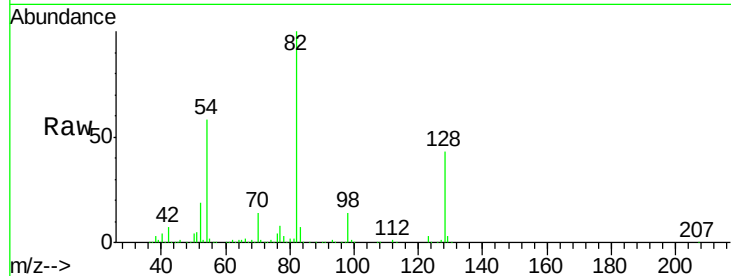




#23
Nitrobenzene-d5
Concen: 78.56 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

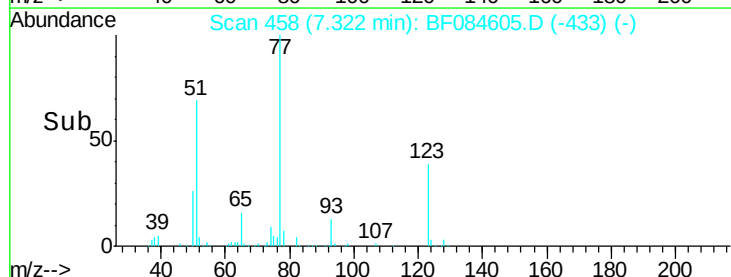
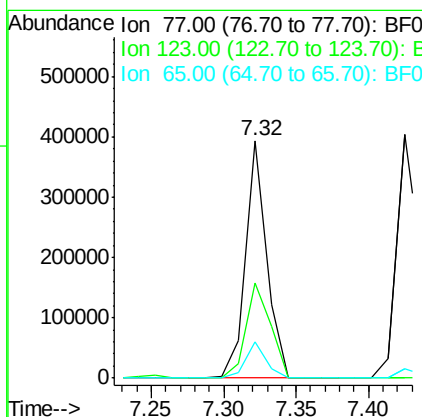
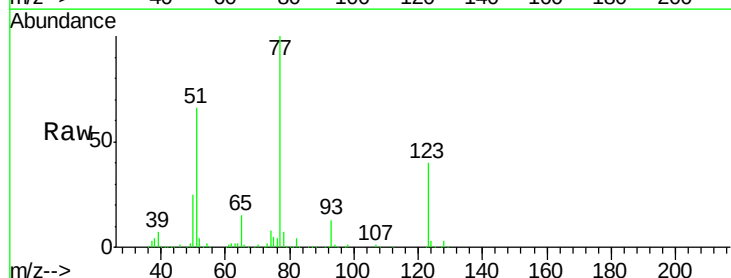
Instrument :
BNA_F
ClientSampleId :

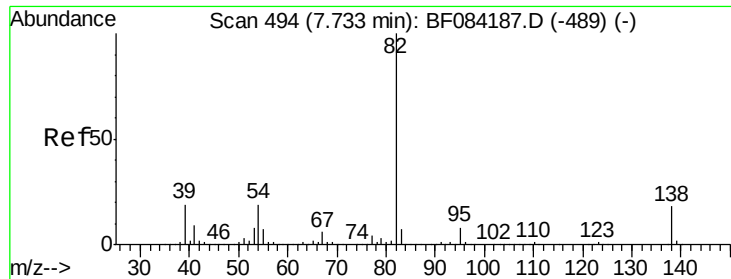
Tot Ion: 82 Resp: 962854
Ion Ratio Lower Upper
82 100
128 43.2 34.6 51.8
54 58.0 38.4 57.6#



#24
Nitrobenzene
Concen: 32.20 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion: 77 Resp: 400343
Ion Ratio Lower Upper
77 100
123 40.1 37.4 56.2
65 15.2 10.9 16.3

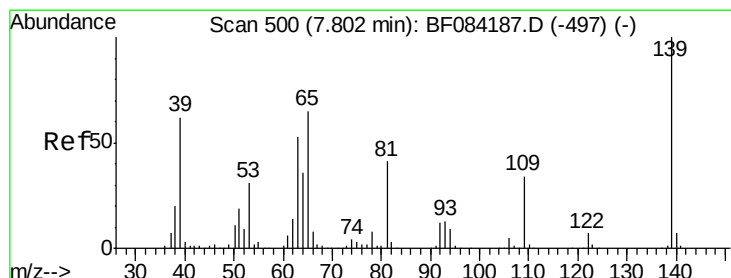
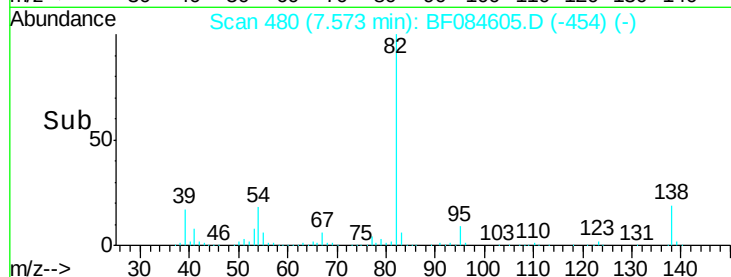
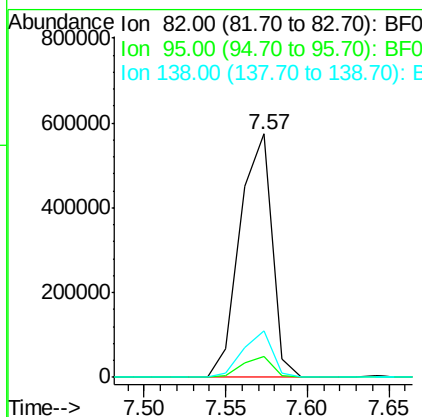
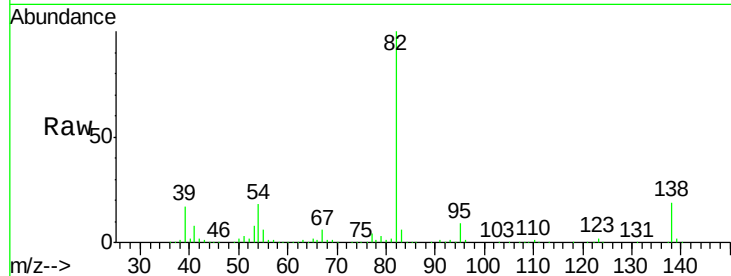




#25
Isophorone
Concen: 33.33 ng
RT: 7.57 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

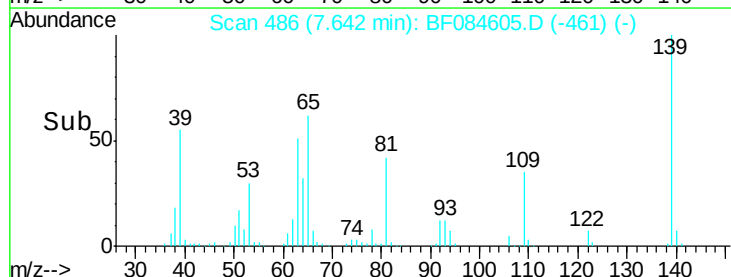
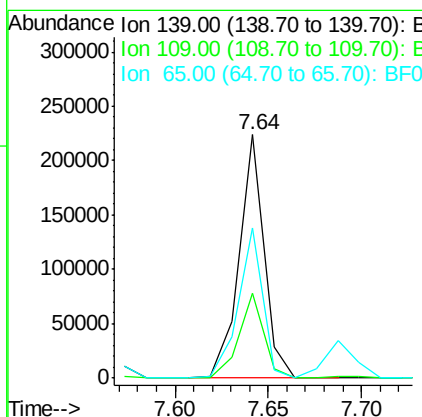
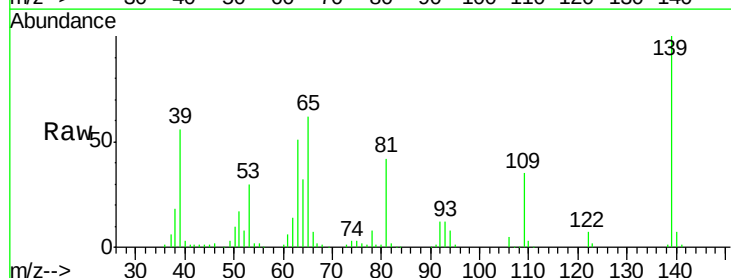
Instrument :
BNA_F
ClientSampleId :

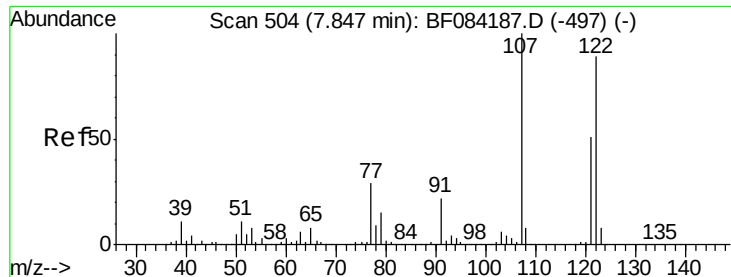
Tot Ion: 82 Resp: 781257
Ion Ratio Lower Upper
82 100
95 8.5 6.6 10.0
138 19.3 13.6 20.4



#26
2-Nitrophenol
Concen: 37.05 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion: 139 Resp: 209613
Ion Ratio Lower Upper
139 100
109 35.0 25.4 38.2
65 61.8 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 32.56 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

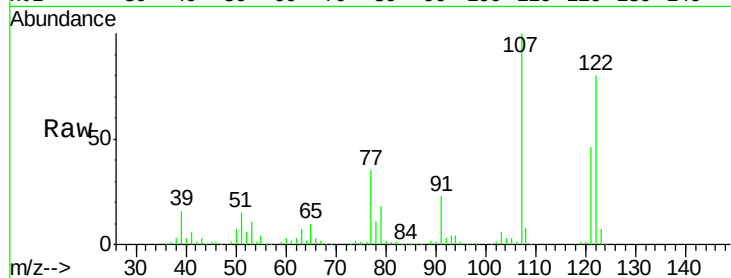
Tot Ion:122 Resp: 372888

Ion Ratio Lower Upper

122 100

107 124.3 99.1 148.7

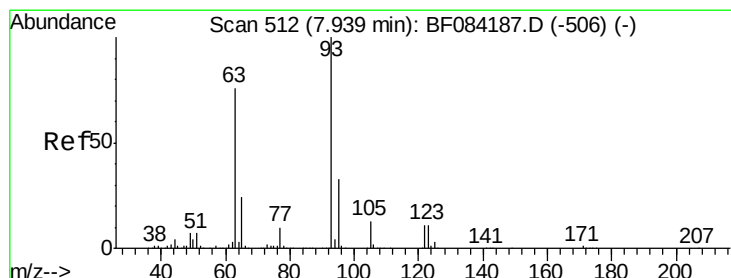
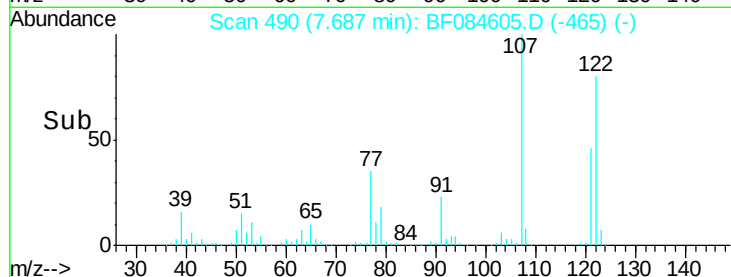
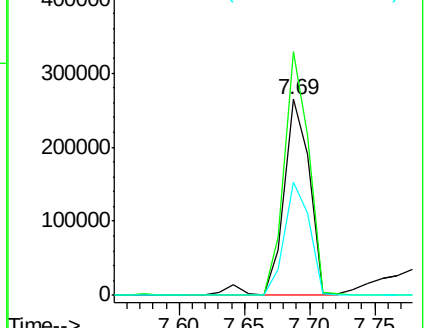
121 57.5 47.9 71.9



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: 32.12 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

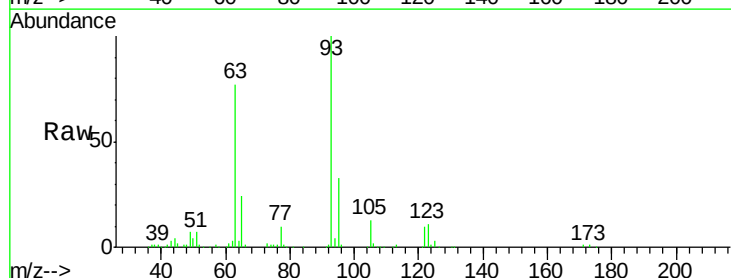
Tgt Ion: 93 Resp: 459906

Ion Ratio Lower Upper

93 100

95 33.3 25.8 38.6

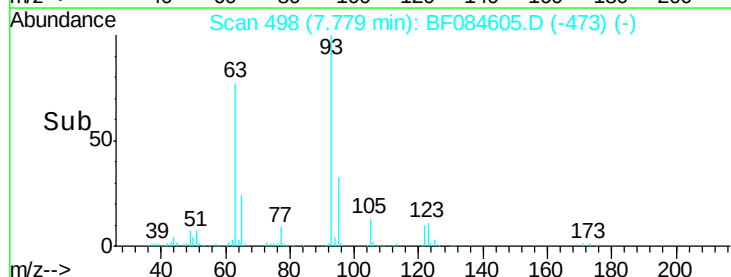
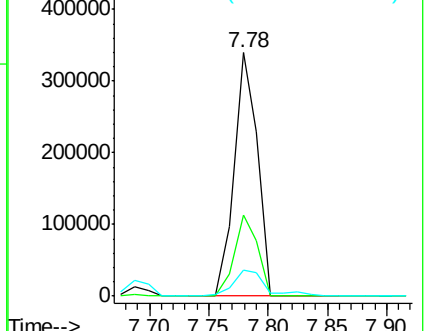
123 10.5 8.6 12.8

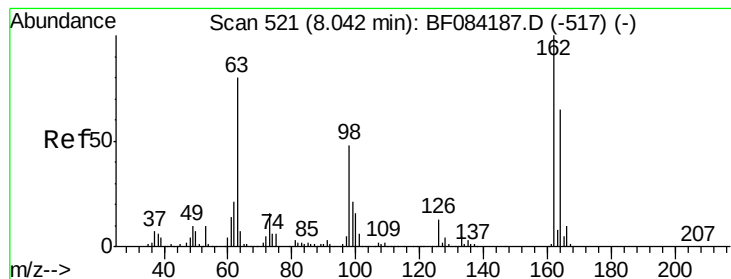


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.15 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampled :

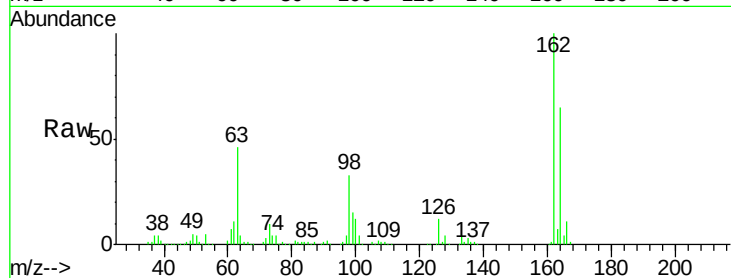
Tot Ion:162 Resp: 363976

Ion Ratio Lower Upper

162 100

164 65.1 44.1 84.1

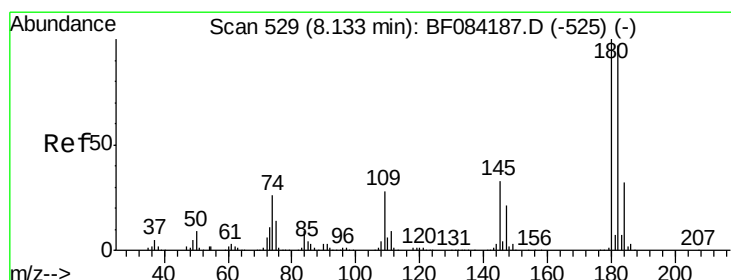
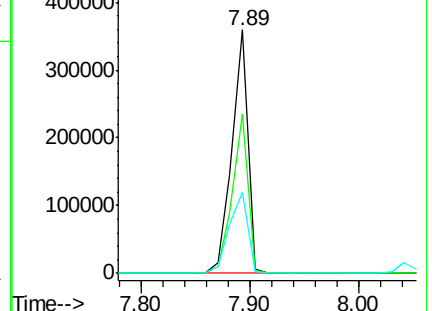
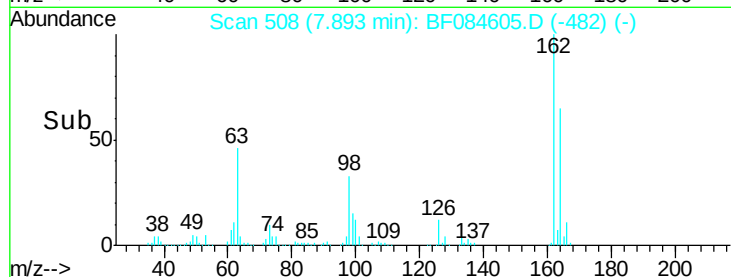
98 33.2 20.2 60.2



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): BF0



#30

1,2,4-Trichlorobenzene

Concen: 35.63 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

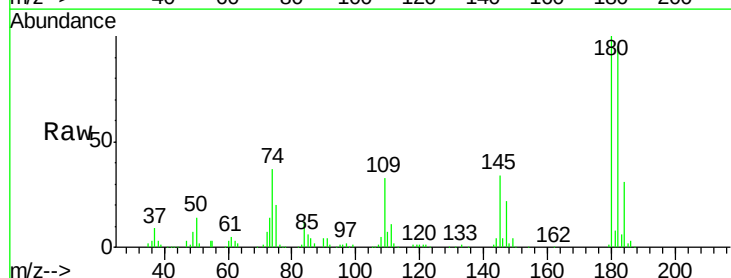
Tgt Ion:180 Resp: 350931

Ion Ratio Lower Upper

180 100

182 95.4 76.4 114.6

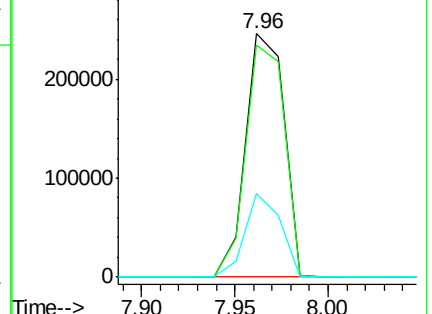
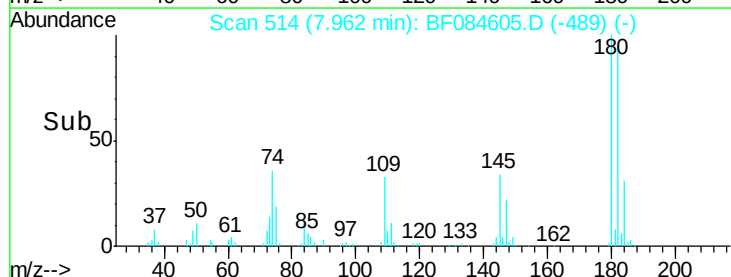
145 34.1 31.6 47.4

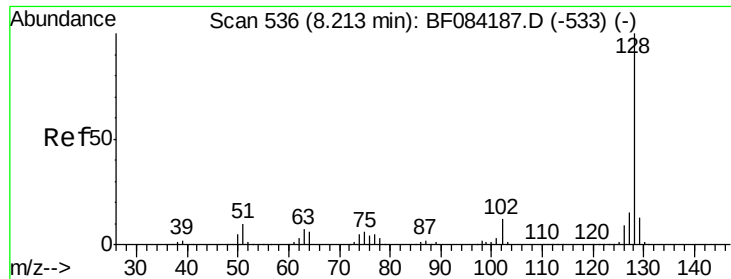


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

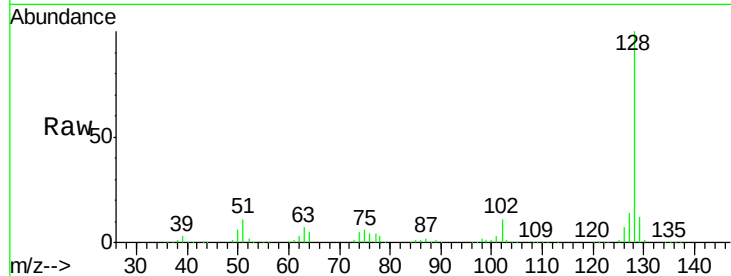




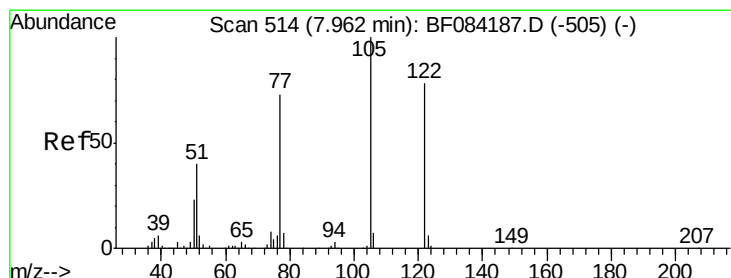
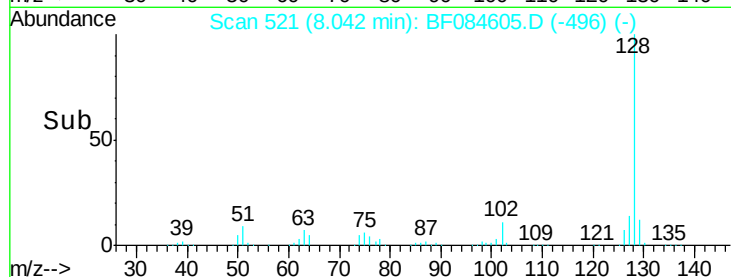
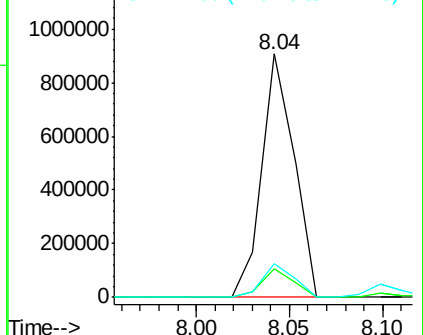
#31
Naphthalene
Concen: 34.98 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1082460
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.6 11.1 16.7

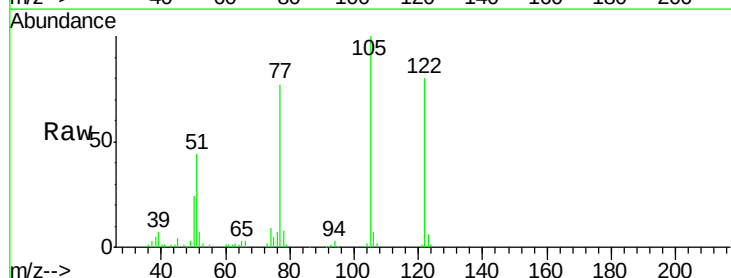


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

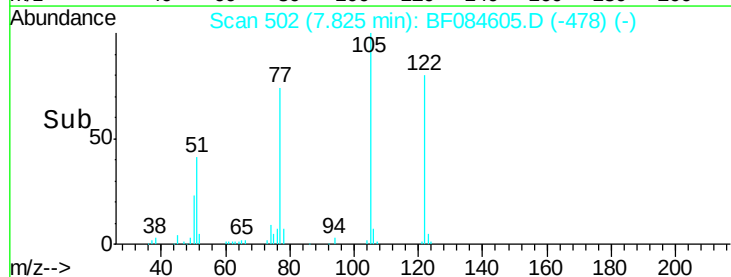
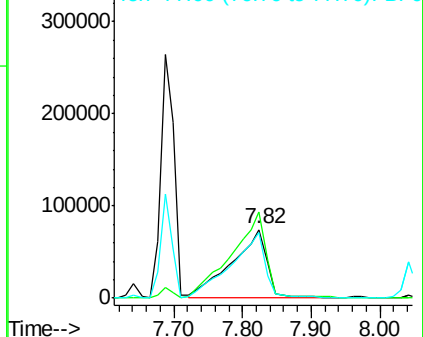


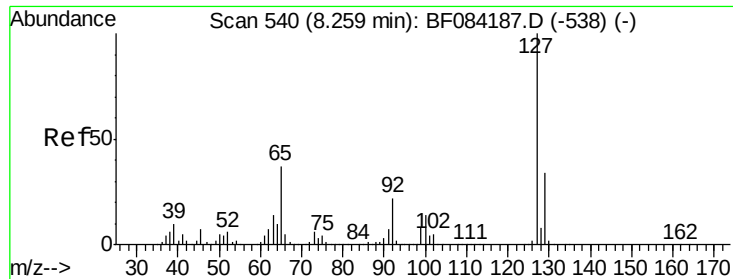
#32
Benzoic acid
Concen: 37.19 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.02 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion:122 Resp: 262107
Ion Ratio Lower Upper
122 100
105 125.1 100.3 140.3
77 96.4 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

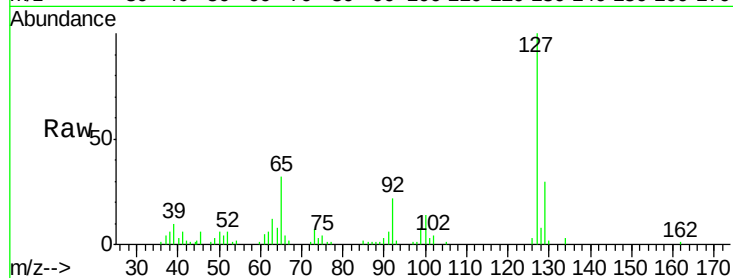




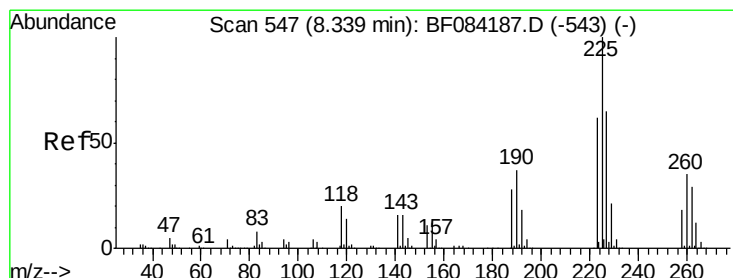
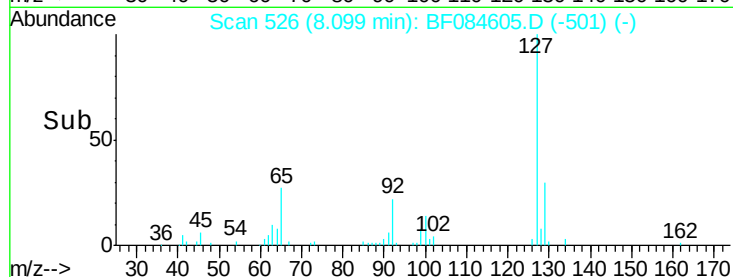
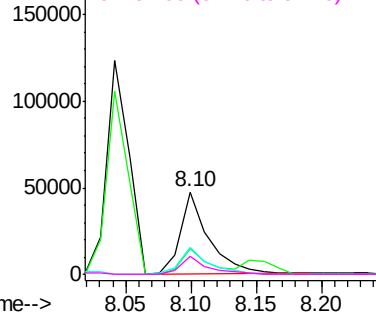
#33
4-Chloroaniline
Concen: 5.03 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	71312
Ion	Ratio	Lower Upper
127	100	
129	30.4	26.5 39.7
65	32.0	27.2 40.8
92	22.2	17.7 26.5

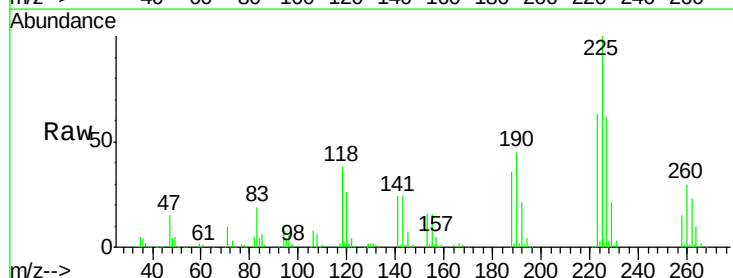


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

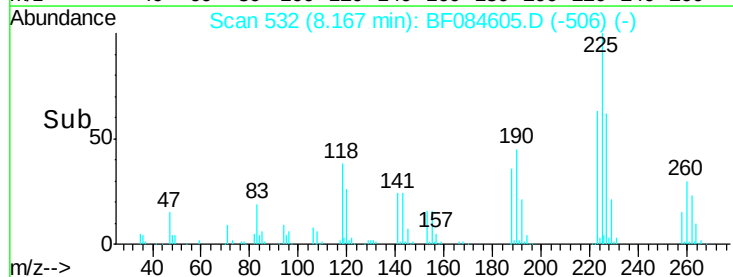
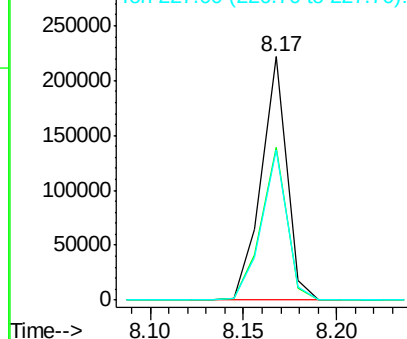


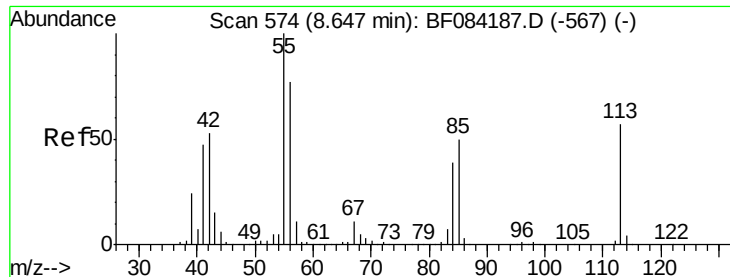
#34
Hexachlorobutadiene
Concen: 37.16 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion:225	Resp:	210357
Ion	Ratio	Lower Upper
225	100	
223	62.6	49.4 74.0
227	61.8	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: 20.75 ng

RT: 8.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

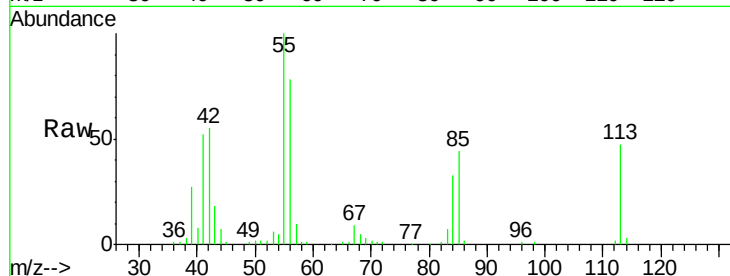
Tot Ion:113 Resp: 66740

Ion Ratio Lower Upper

113 100

55 214.1 116.9 156.9#

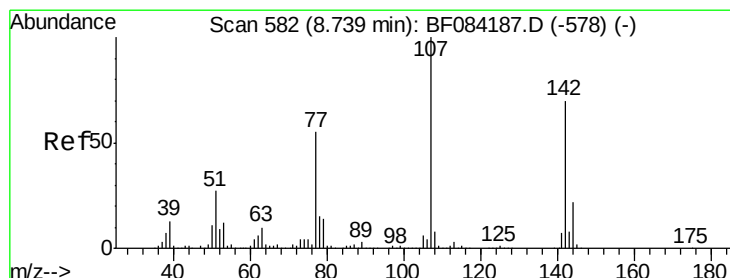
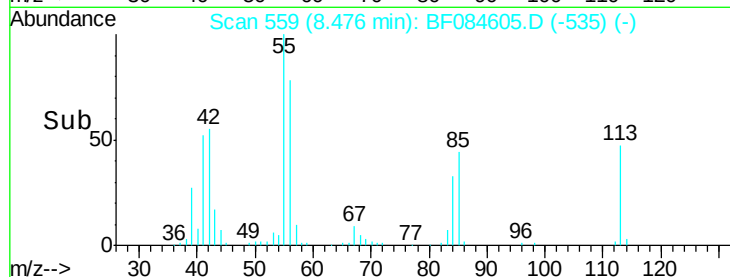
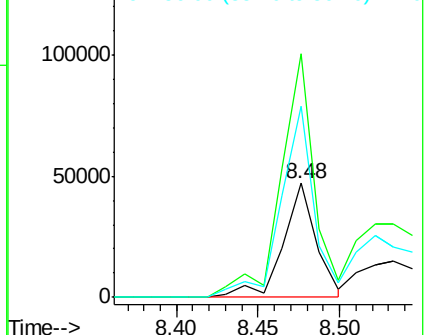
56 167.5 93.8 133.8#



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: 40.12 ng

RT: 8.60 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

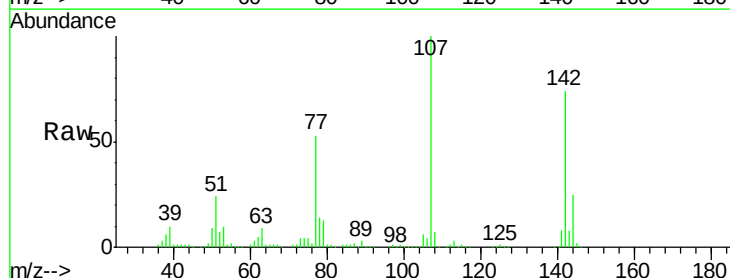
Tgt Ion:107 Resp: 428753

Ion Ratio Lower Upper

107 100

144 24.6 19.7 29.5

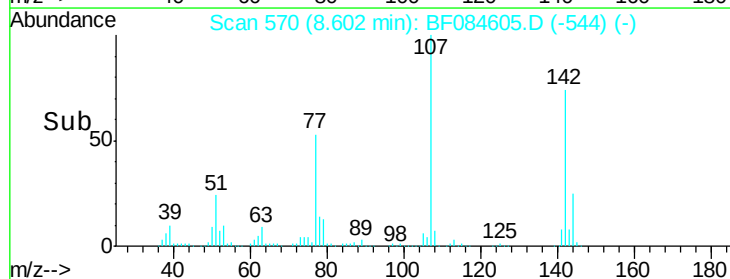
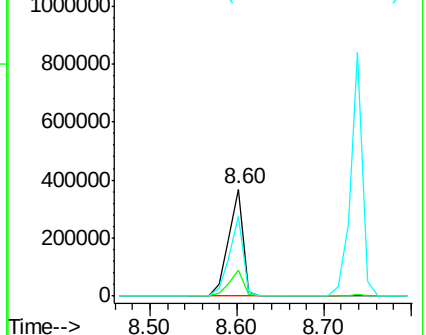
142 74.0 61.8 92.6

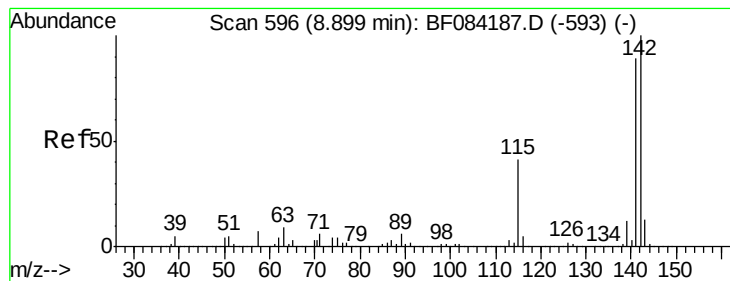


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.10 ng

RT: 8.74 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

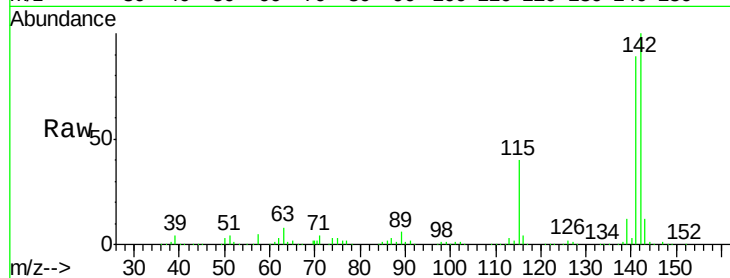
Tot Ion:142 Resp: 801975

Ion Ratio Lower Upper

142 100

141 88.6 72.4 108.6

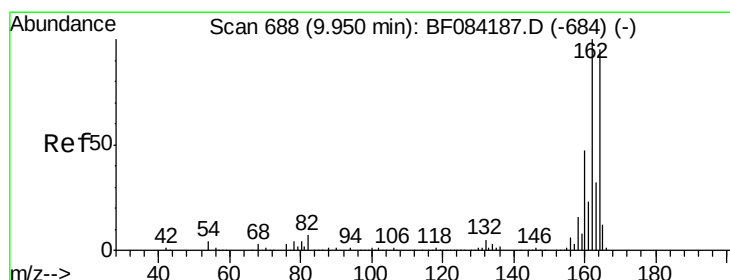
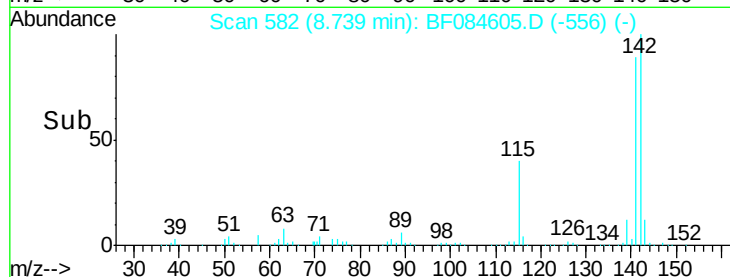
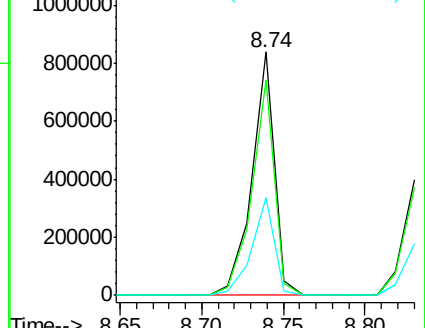
115 40.1 27.9 41.9



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: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

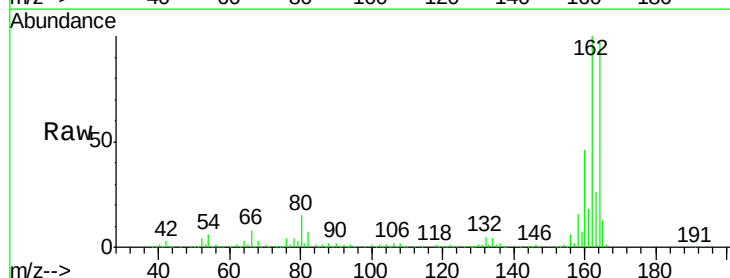
Tgt Ion:164 Resp: 353481

Ion Ratio Lower Upper

164 100

162 103.2 85.1 127.7

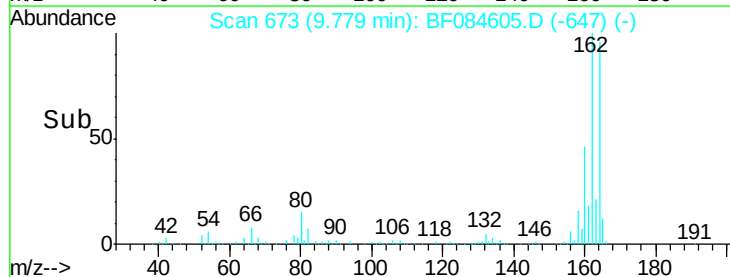
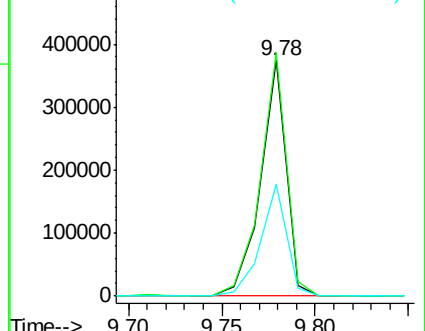
160 47.6 37.5 56.3

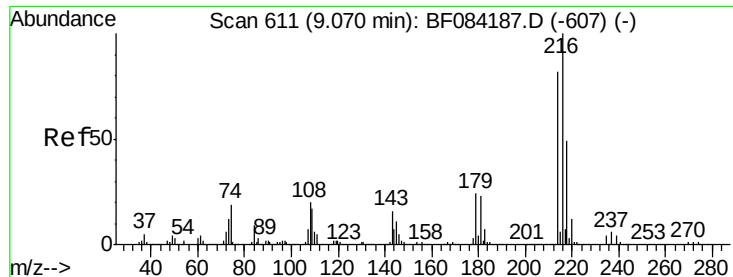


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.40 ng

RT: 8.91 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 339363

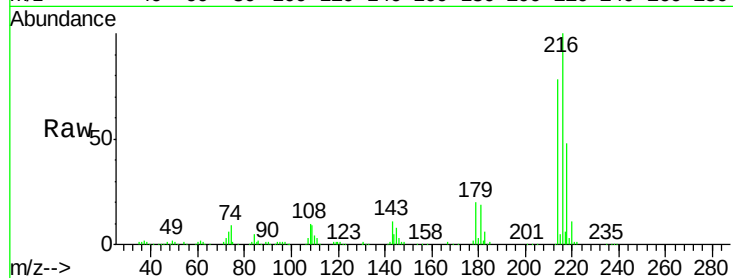
Ion Ratio Lower Upper

216 100

214 78.5 64.2 96.2

179 22.7 18.7 28.1

108 22.1 16.8 25.2

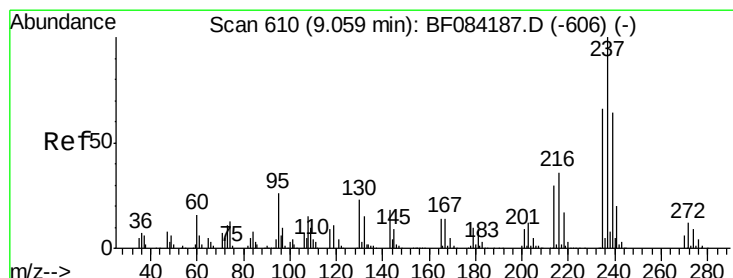
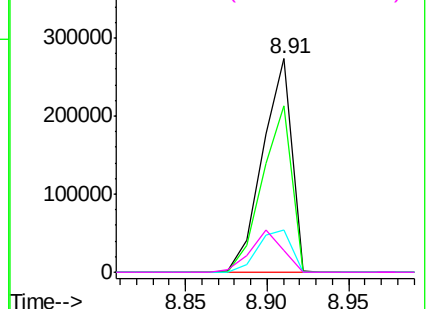
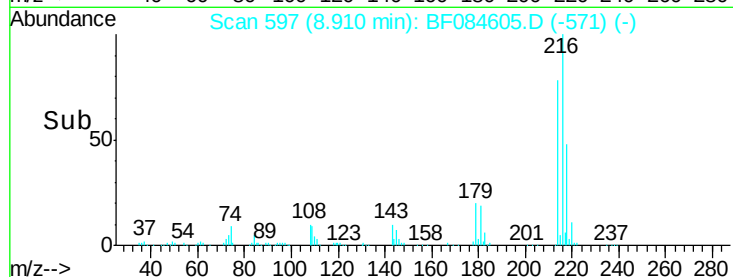


Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.91 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

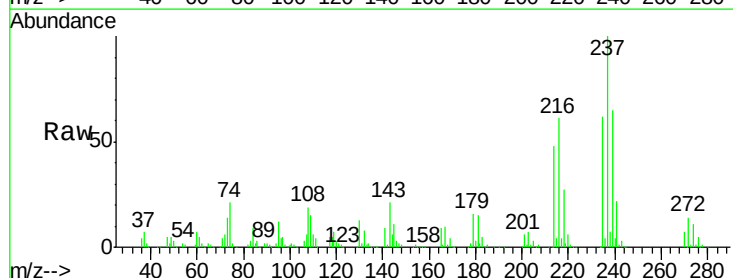
Tgt Ion:237 Resp: 385924

Ion Ratio Lower Upper

237 100

235 61.6 43.1 83.1

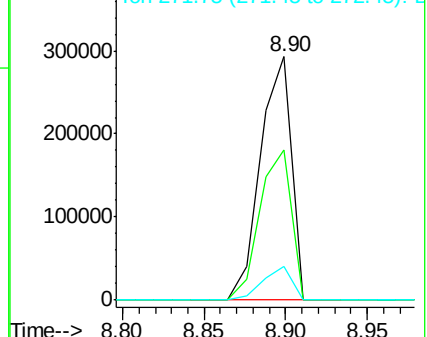
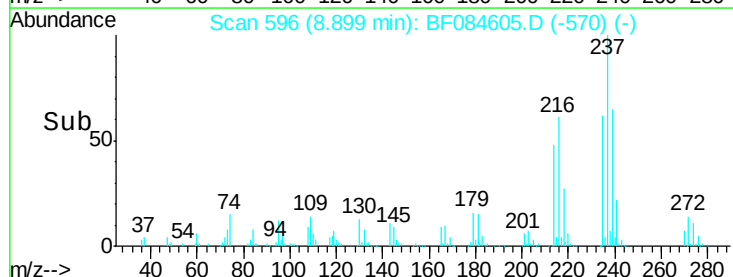
272 14.1 0.0 35.1

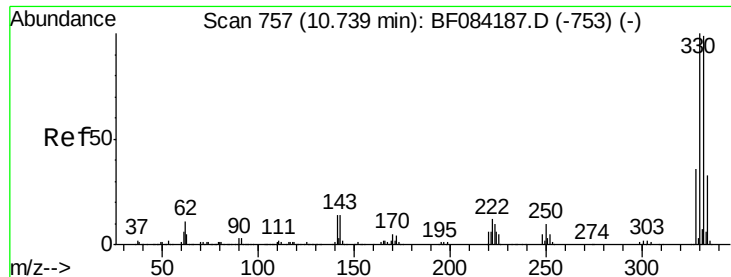


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

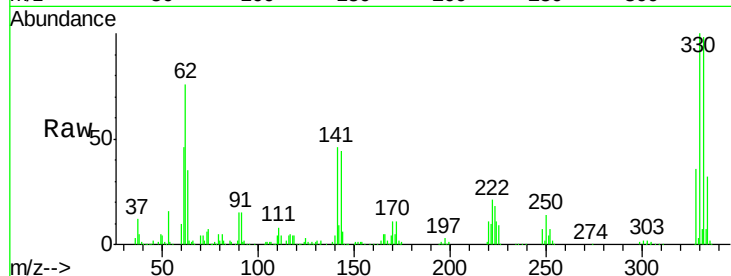




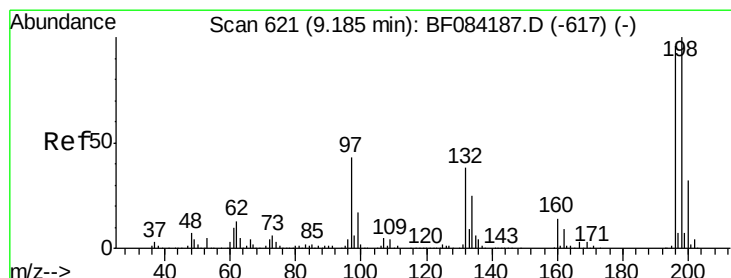
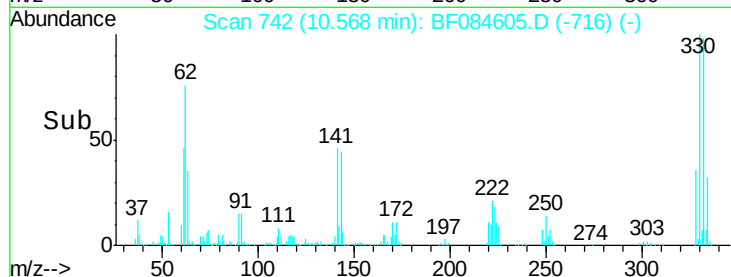
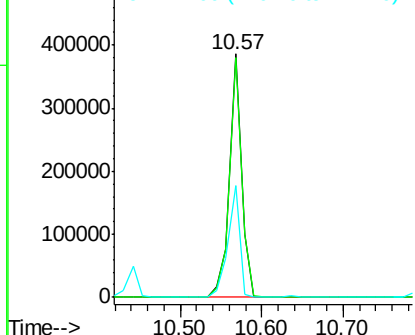
#41
 2,4,6-Tribromophenol
 Concen: 112.47 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 401371
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 114.8
 141 43.4 27.8 41.6#

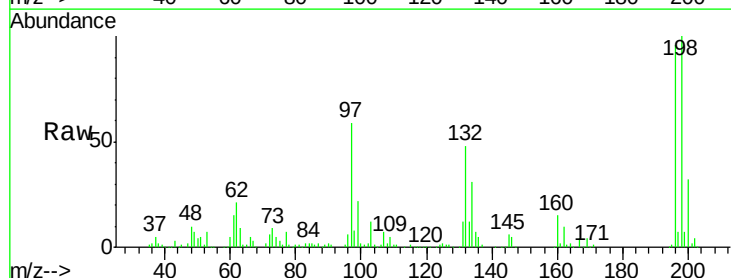


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

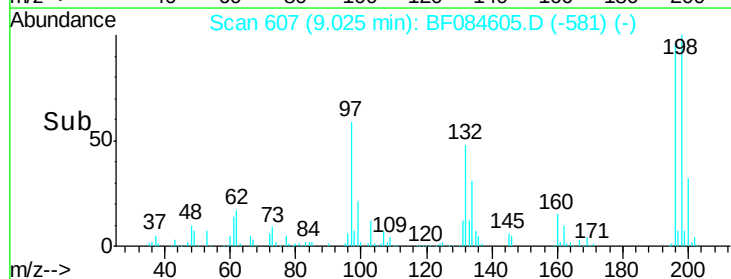
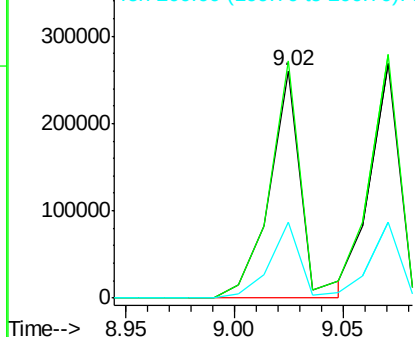


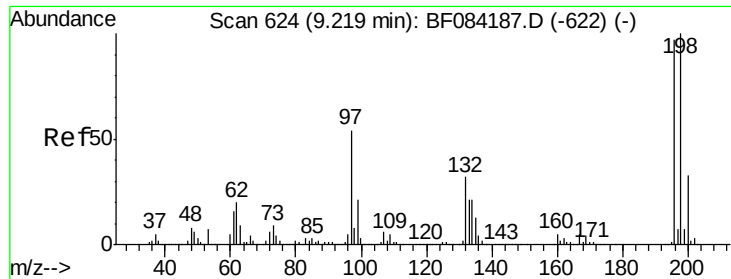
#42
 2,4,6-Trichlorophenol
 Concen: 35.02 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Tgt Ion:196 Resp: 266214
 Ion Ratio Lower Upper
 196 100
 198 104.3 77.7 116.5
 200 33.3 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

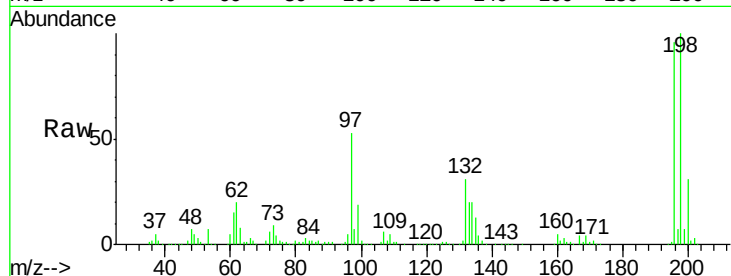




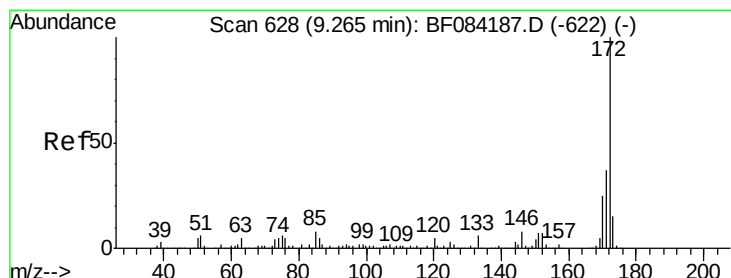
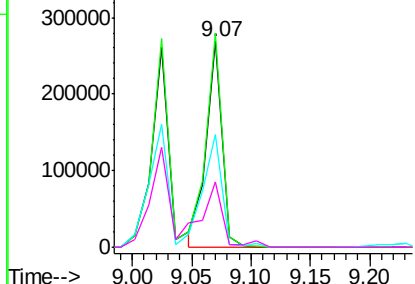
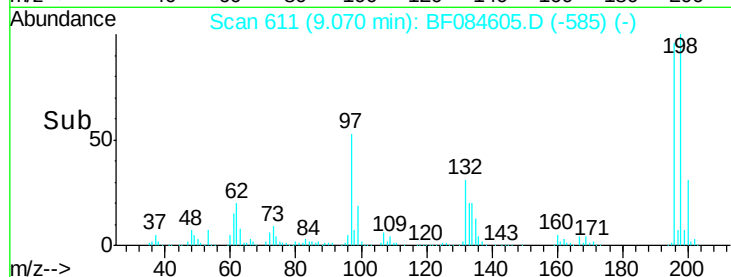
#43
 2,4,5-Trichlorophenol
 Concen: 34.71 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 252978
 Ion Ratio Lower Upper
 196 100
 198 103.9 79.0 118.6
 97 54.9 33.0 49.6#
 132 31.9 21.1 31.7#

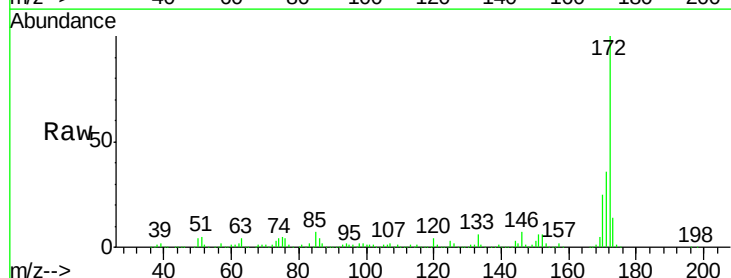


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

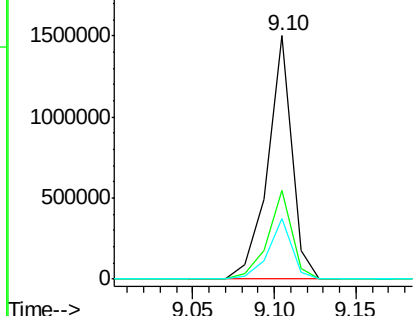
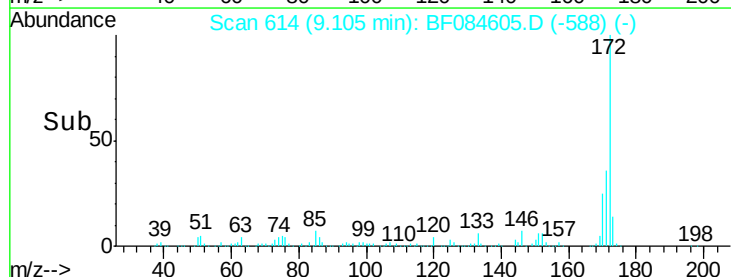


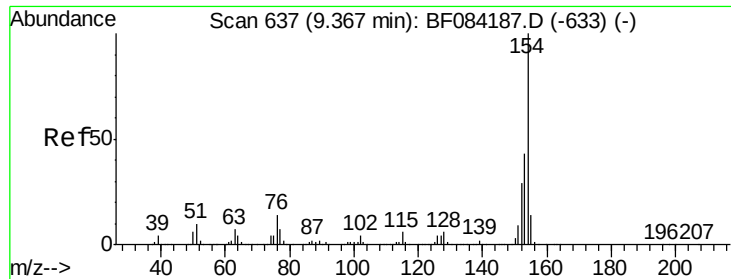
#44
 2-Fluorobiphenyl
 Concen: 76.63 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Tgt Ion:172 Resp: 1552220
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 24.9 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

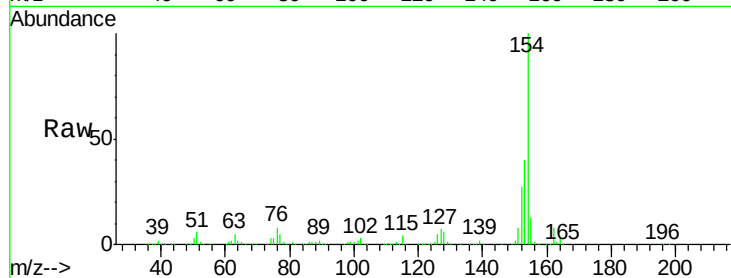




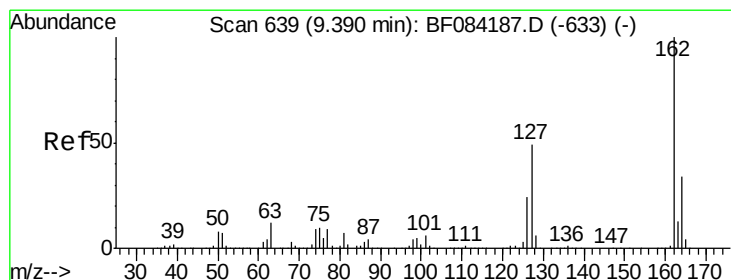
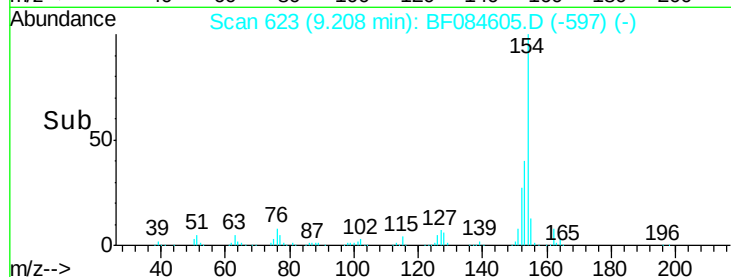
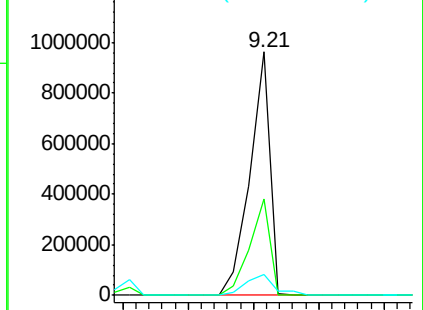
#45
 1,1'-Biphenyl
 Concen: 36.45 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1023952
 Ion Ratio Lower Upper
 154 100
 153 39.6 21.6 61.6
 76 8.4 0.0 32.7

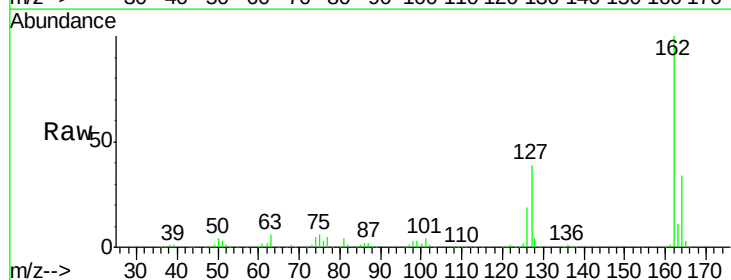


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

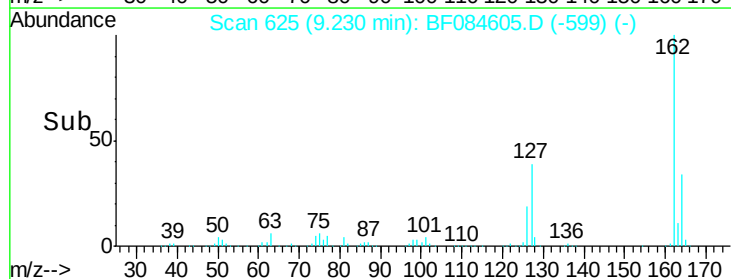
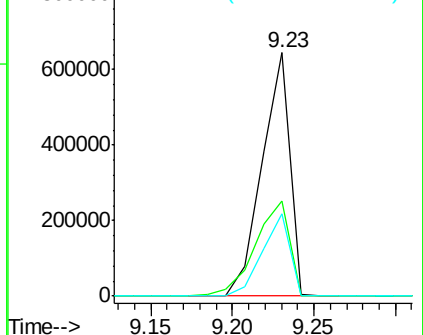


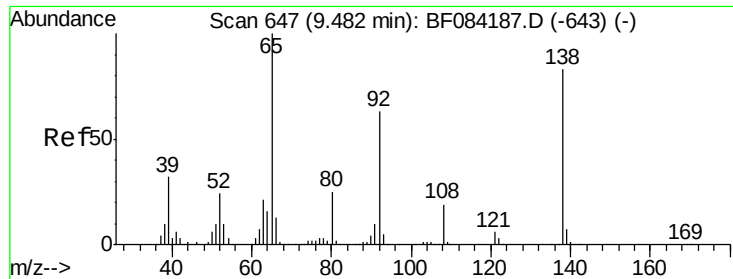
#46
 2-Chloronaphthalene
 Concen: 34.65 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Tgt Ion:162 Resp: 764727
 Ion Ratio Lower Upper
 162 100
 127 39.0 40.2 60.4#
 164 34.0 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

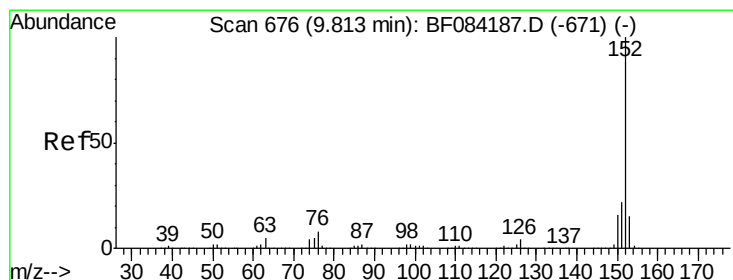
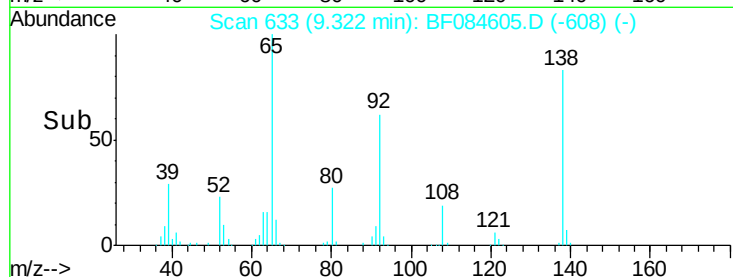
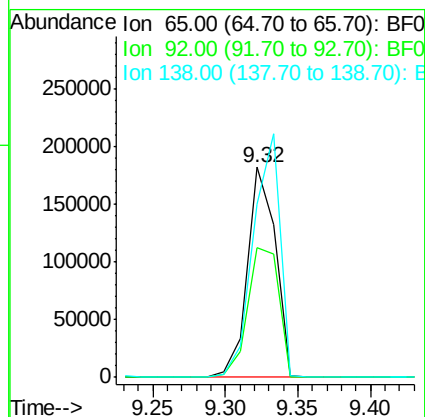
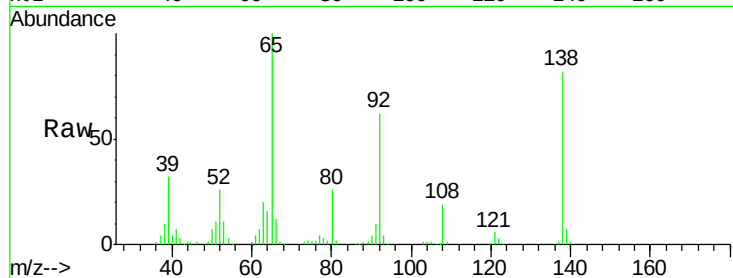




#47
2-Nitroaniline
Concen: 33.34 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

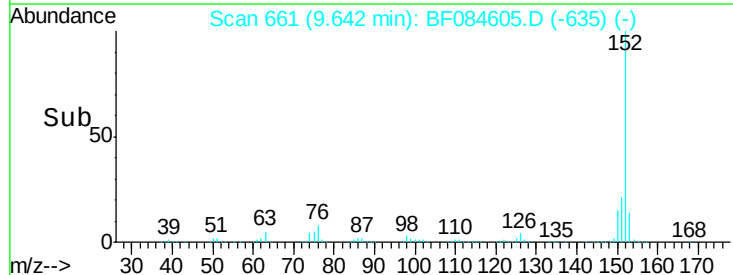
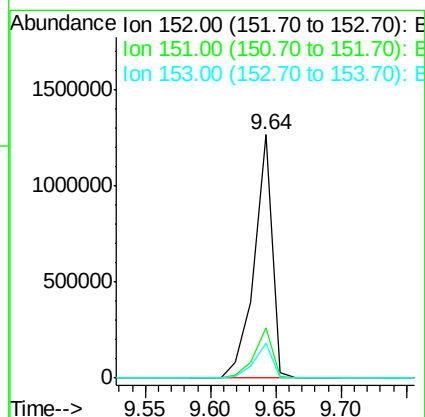
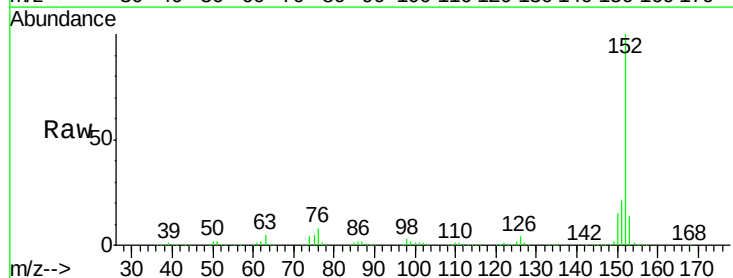
Instrument :
BNA_F
ClientSampleId :

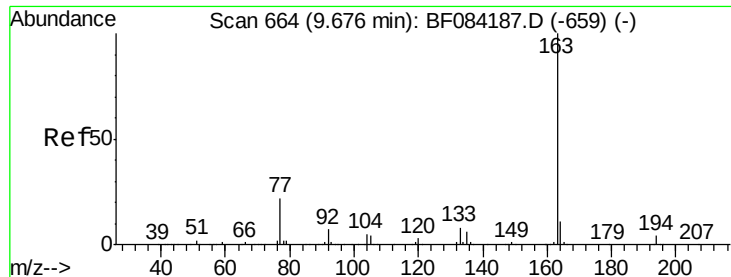
Tot Ion: 65 Resp: 242846
Ion Ratio Lower Upper
65 100
92 61.5 53.4 80.2
138 82.5 71.1 106.7



#48
Acenaphthylene
Concen: 37.38 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion:152 Resp: 1218806
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 14.3 10.4 15.6

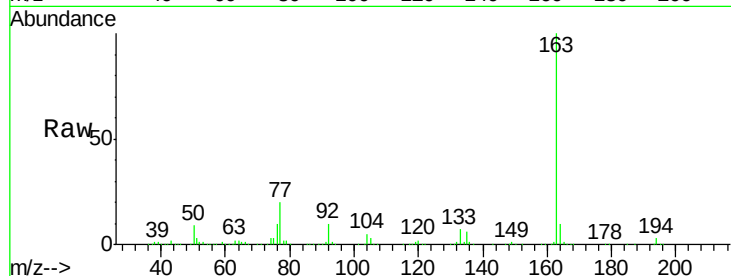




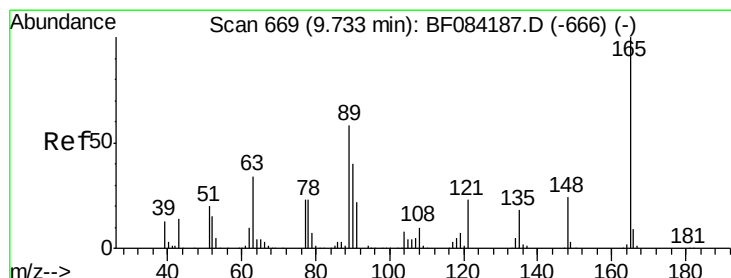
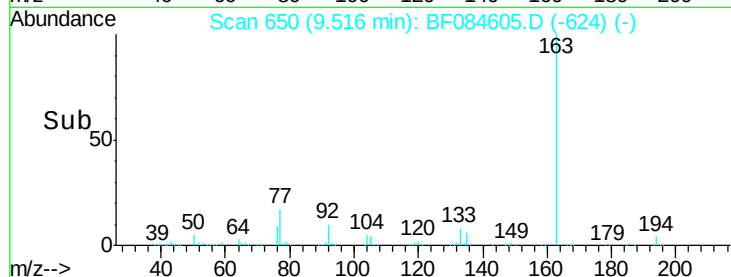
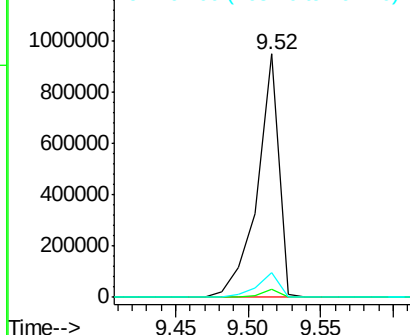
#49
Dimethylphthalate
Concen: 38.72 ng
RT: 9.52 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 978399
Ion Ratio Lower Upper
163 100
194 3.5 8.0 12.0#
164 10.2 8.0 12.0

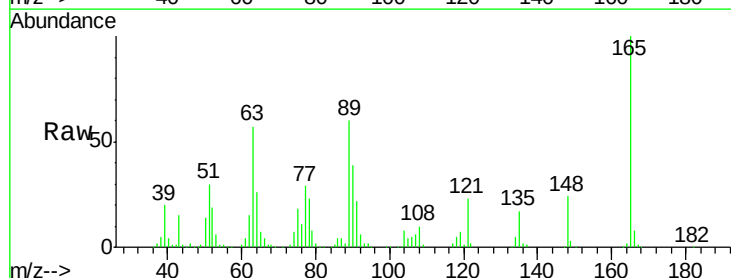


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

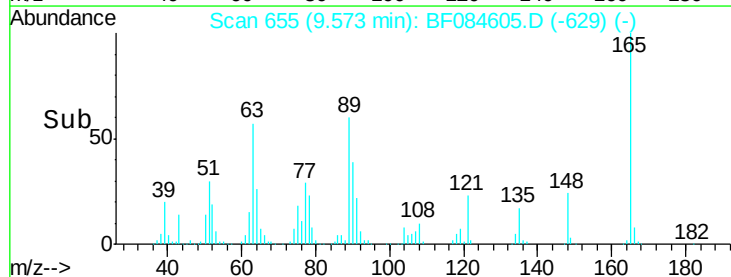
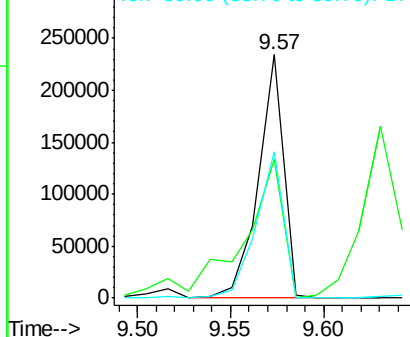


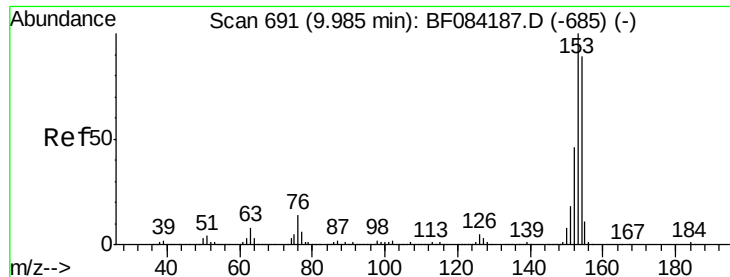
#50
2,6-Dinitrotoluene
Concen: 39.37 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion:165 Resp: 218216
Ion Ratio Lower Upper
165 100
63 57.2 28.8 43.2#
89 60.1 35.1 52.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.11 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

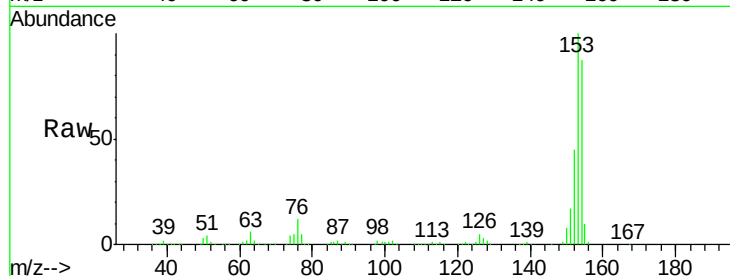
Tot Ion:154 Resp: 811468

Ion Ratio Lower Upper

154 100

153 114.6 91.5 137.3

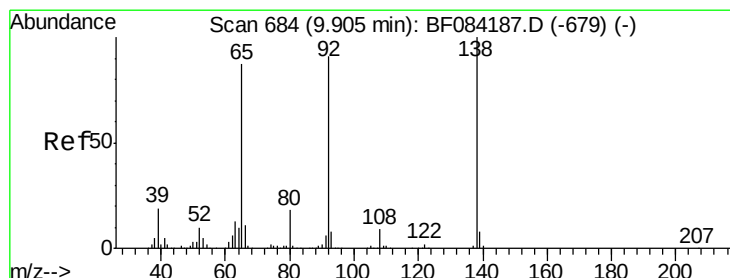
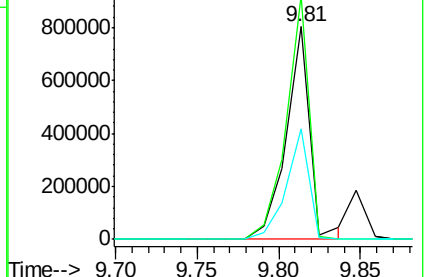
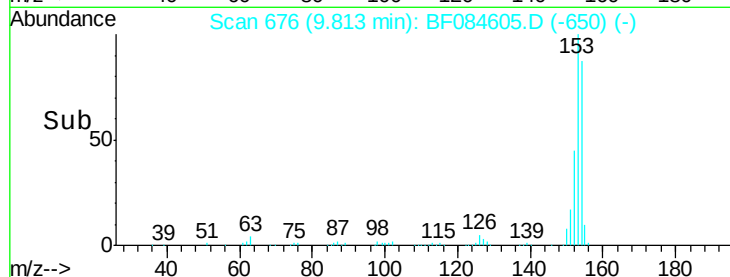
152 51.8 43.0 64.6



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: 8.29 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

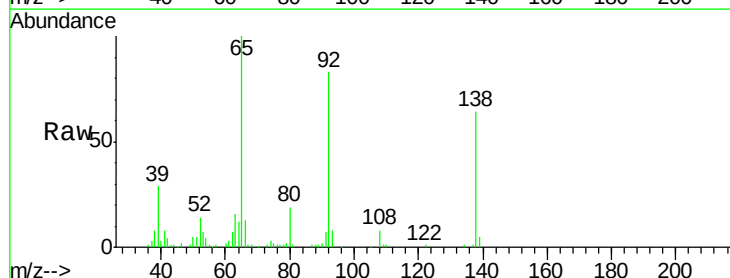
Tgt Ion:138 Resp: 56942

Ion Ratio Lower Upper

138 100

108 12.3 10.5 15.7

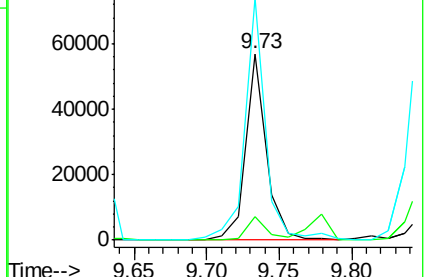
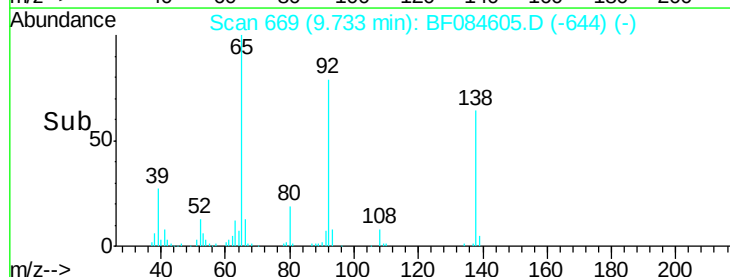
92 130.0 103.9 155.9

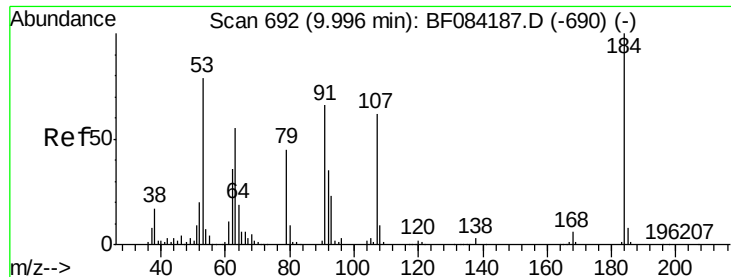


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

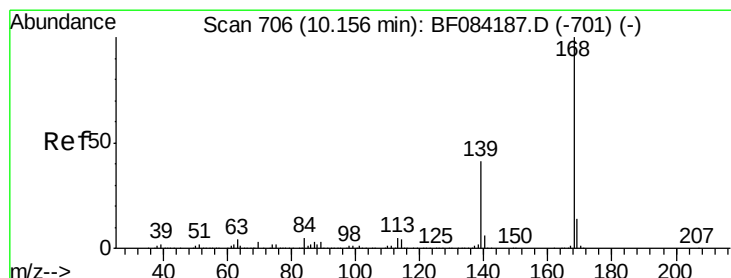
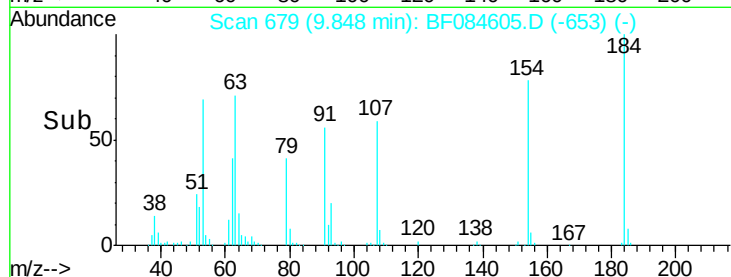
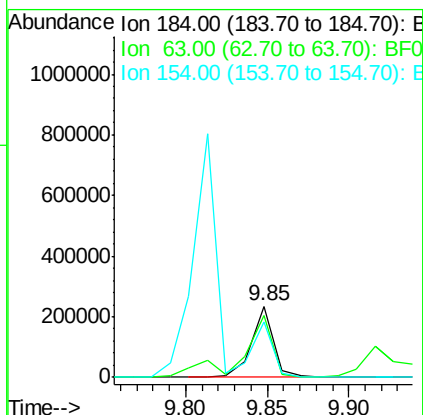
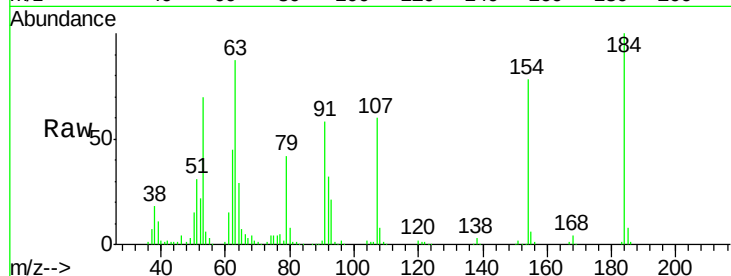




#53
2,4-Dinitrophenol
Concen: 93.39 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

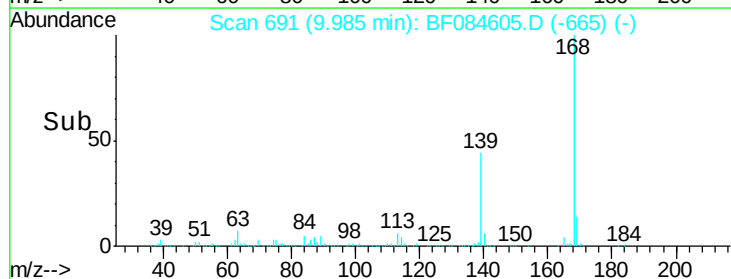
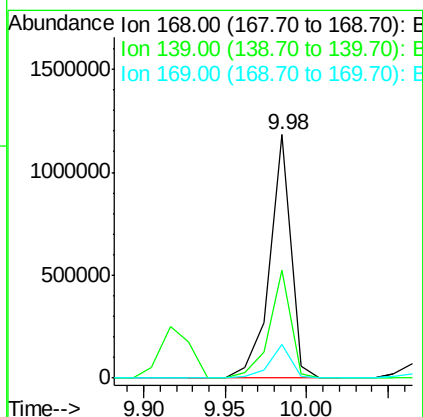
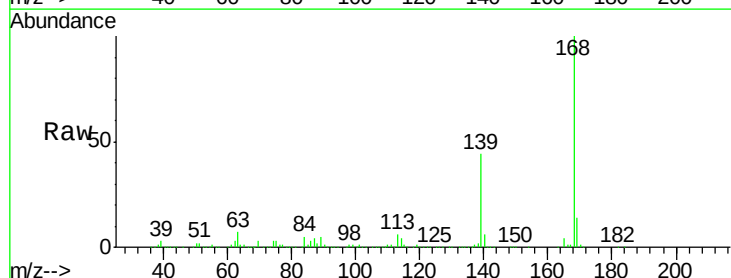
Instrument :
BNA_F
ClientSampled :

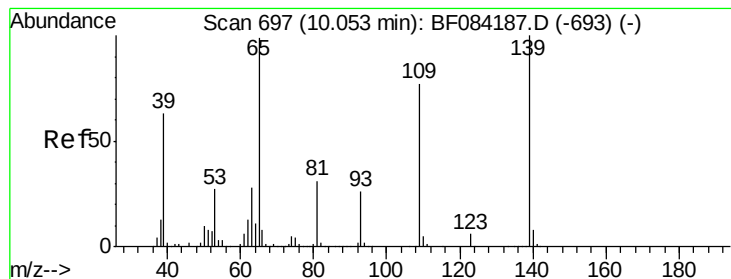
Tot Ion:184 Resp: 221973
Ion Ratio Lower Upper
184 100
63 86.5 43.1 64.7#
154 78.5 60.5 90.7



#54
Dibenzofuran
Concen: 37.27 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion:168 Resp: 1070002
Ion Ratio Lower Upper
168 100
139 44.3 30.5 45.7
169 13.9 10.4 15.6





#55

4-Nitrophenol

Concen: 67.53 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampled :

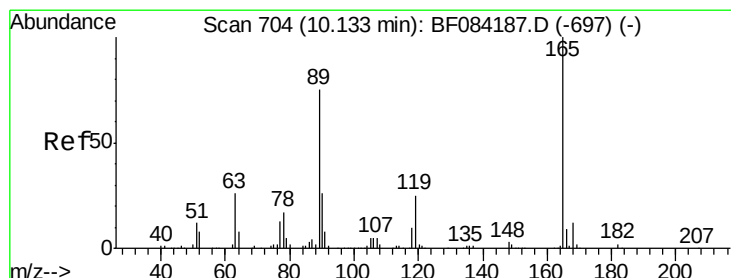
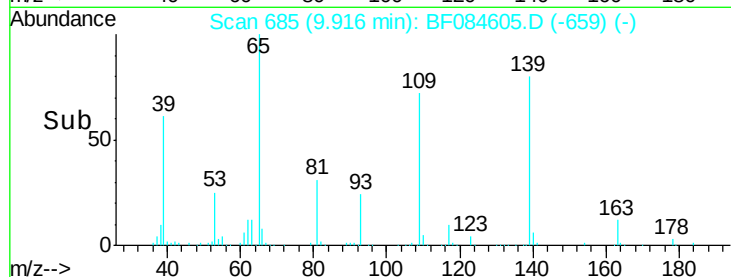
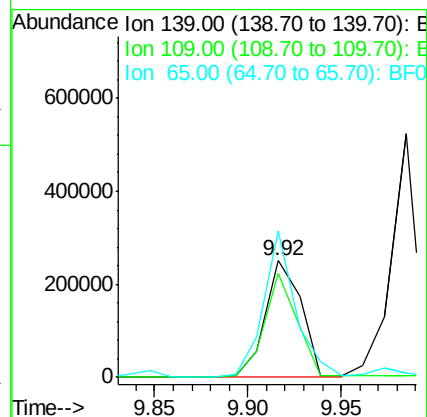
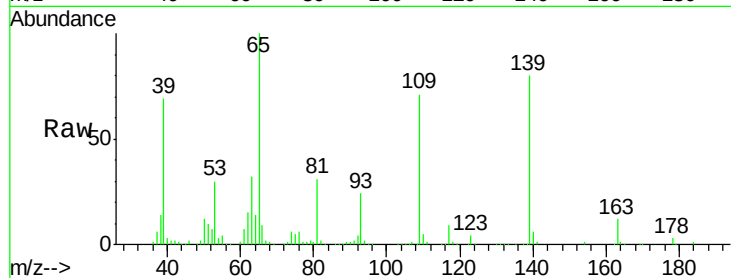
Tot Ion:139 Resp: 336666

Ion Ratio Lower Upper

139 100

109 89.3 58.5 98.5

65 125.7 57.6 97.6#



#56

2,4-Dinitrotoluene

Concen: 35.99 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Tgt Ion:165 Resp: 252453

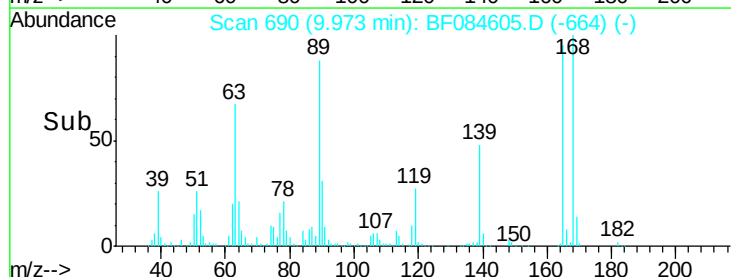
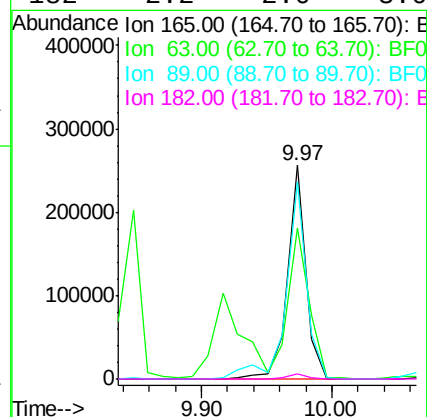
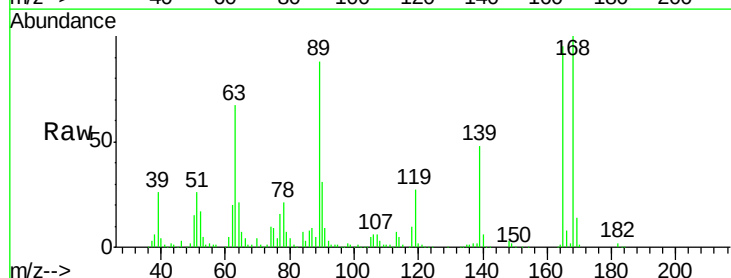
Ion Ratio Lower Upper

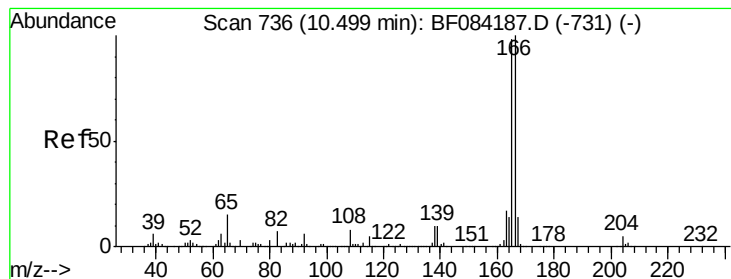
165 100

63 70.5 36.7 55.1#

89 92.5 61.9 92.9

182 2.2 2.0 3.0





#57

Fluorene

Concen: 40.64 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

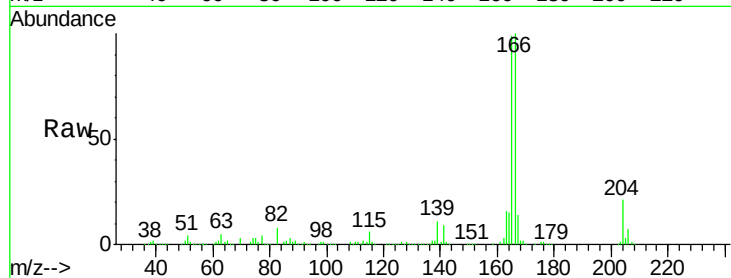
Tot Ion:166 Resp: 895088

Ion Ratio Lower Upper

166 100

165 99.4 79.1 118.7

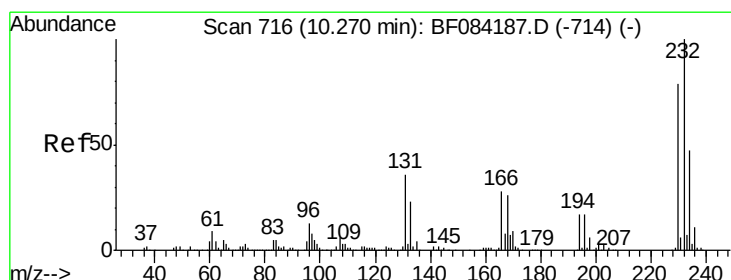
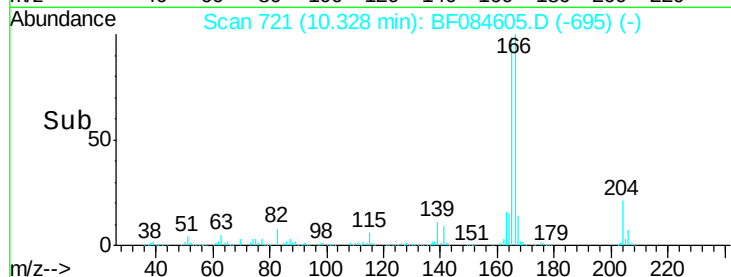
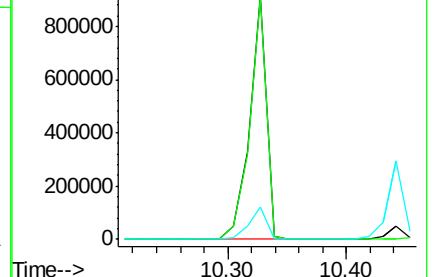
167 13.5 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.10 ng

RT: 10.11 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Tgt Ion:232 Resp: 224624

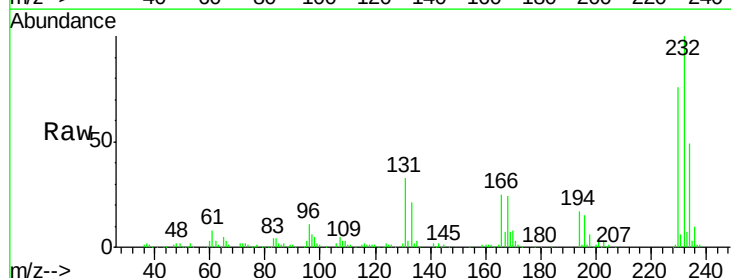
Ion Ratio Lower Upper

232 100

131 48.5 47.0 70.6

130 2.4 2.0 3.0

166 33.6 30.5 45.7

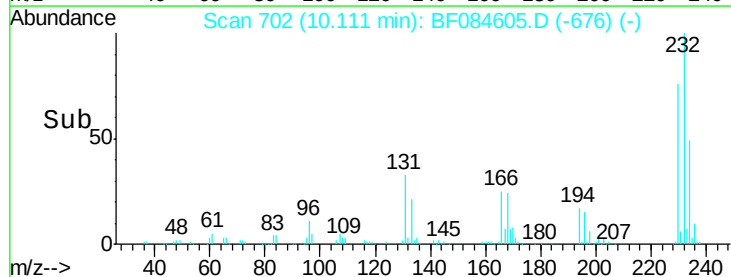
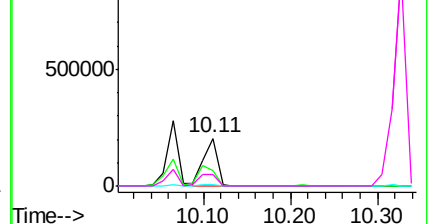


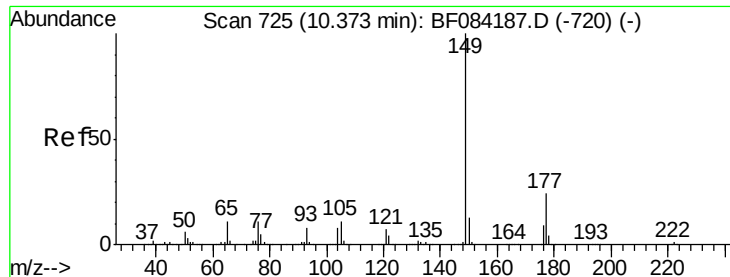
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

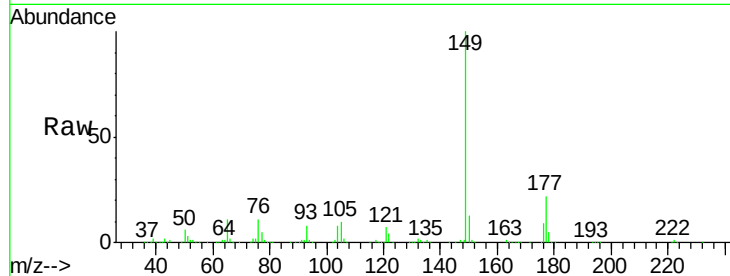




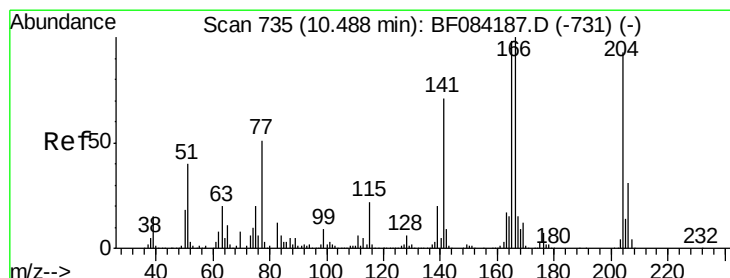
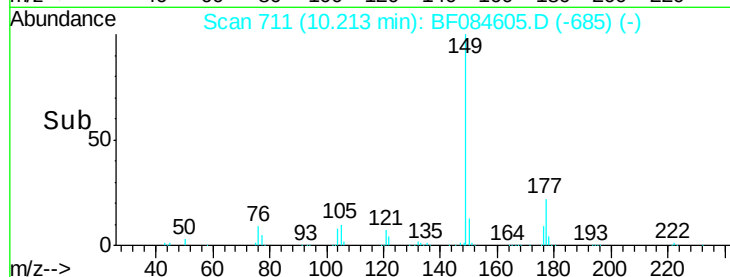
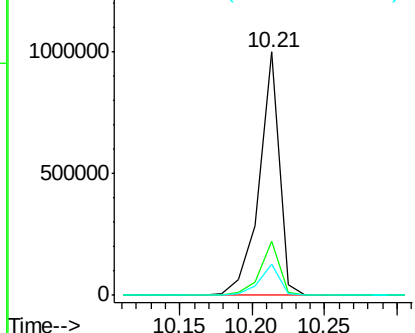
#59
Diethylphthalate
Concen: 38.56 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 960666
Ion Ratio Lower Upper
149 100
177 22.2 17.3 25.9
150 12.9 9.8 14.8

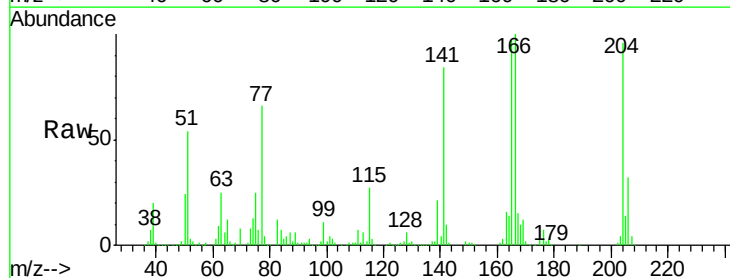


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

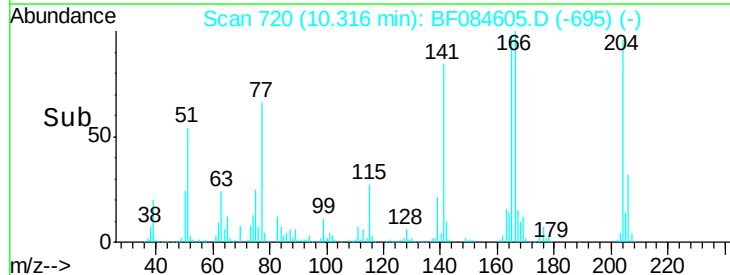
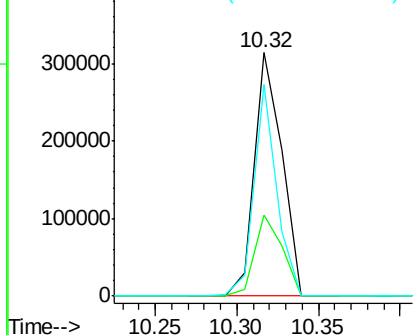


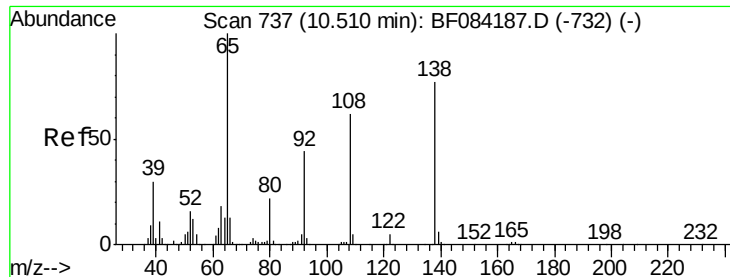
#60
4-Chlorophenyl-phenylether
Concen: 38.46 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion:204 Resp: 366009
Ion Ratio Lower Upper
204 100
206 33.3 25.7 38.5
141 87.0 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

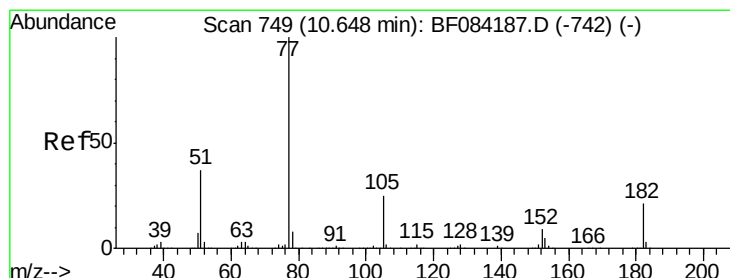
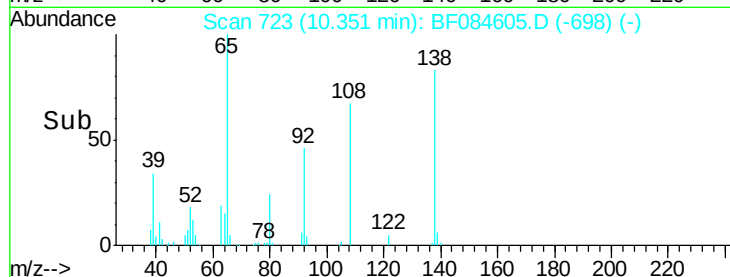
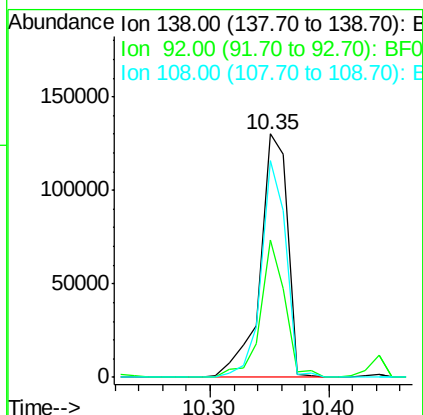
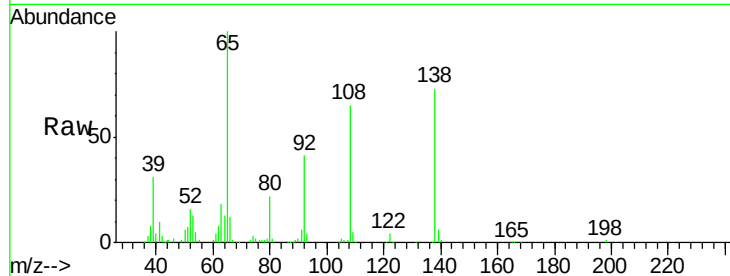




#61
4-Nitroaniline
Concen: 34.33 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

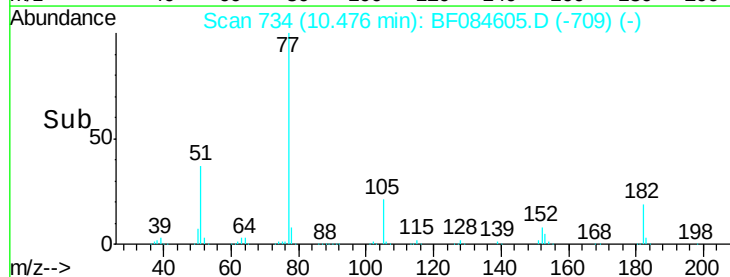
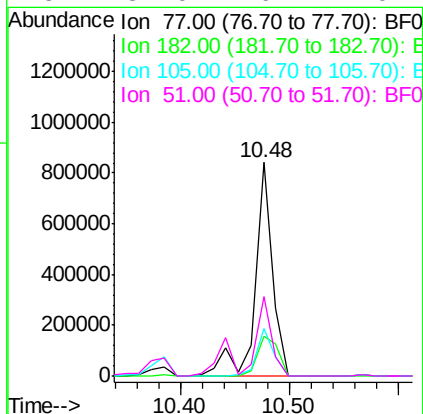
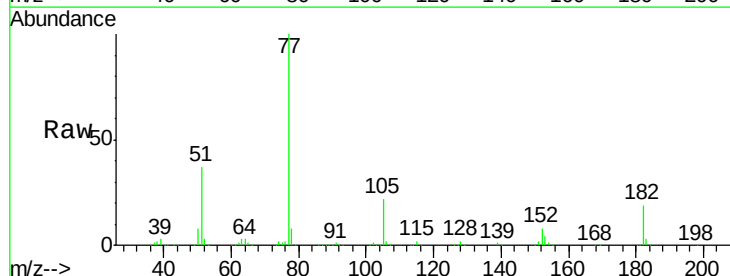
Instrument :
BNA_F
ClientSampled :

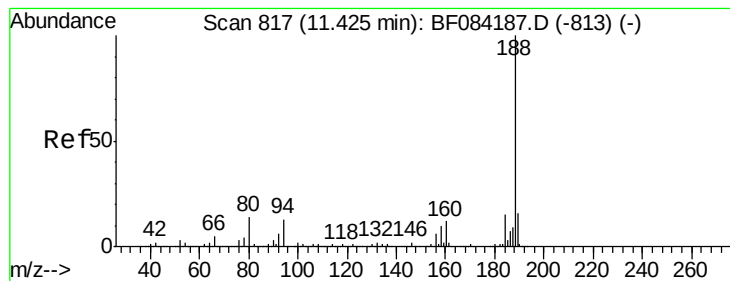
Tot Ion:138 Resp: 210191
Ion Ratio Lower Upper
138 100
92 56.2 32.6 72.6
108 89.2 68.6 108.6



#62
Azobenzene
Concen: 34.87 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion: 77 Resp: 953032
Ion Ratio Lower Upper
77 100
182 18.7 8.3 48.3
105 22.1 4.6 44.6
51 37.0 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

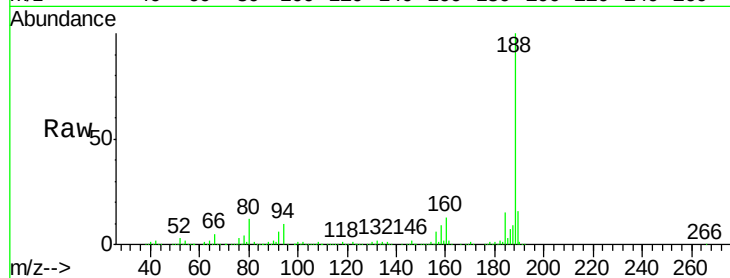
Tot Ion:188 Resp: 650190

Ion Ratio Lower Upper

188 100

94 10.3 9.0 13.4

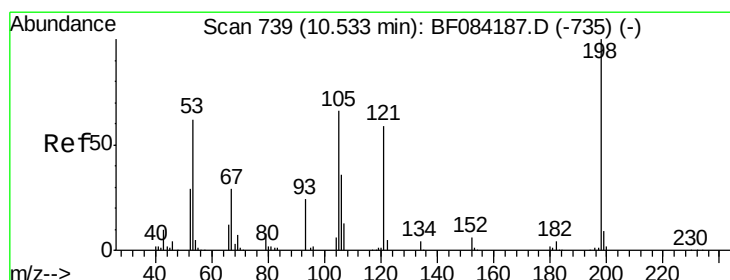
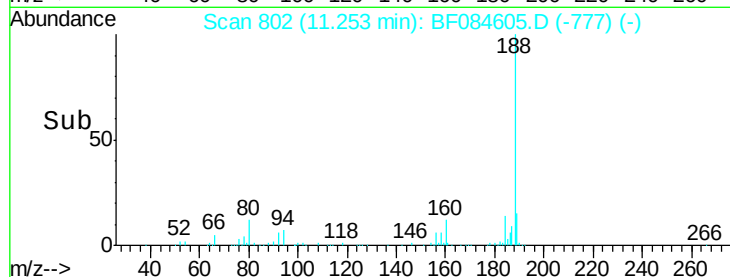
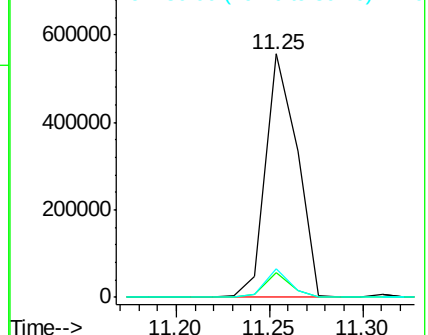
80 12.0 9.6 14.4



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: 43.71 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

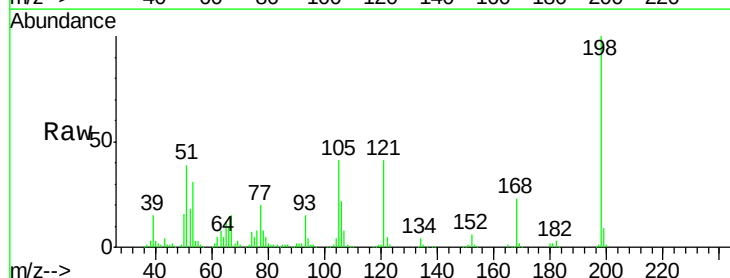
Tgt Ion:198 Resp: 173251

Ion Ratio Lower Upper

198 100

51 38.8 18.9 58.9

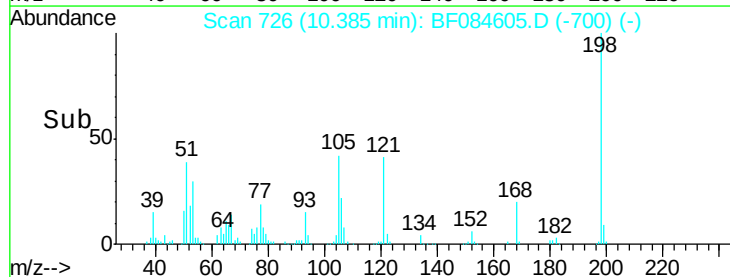
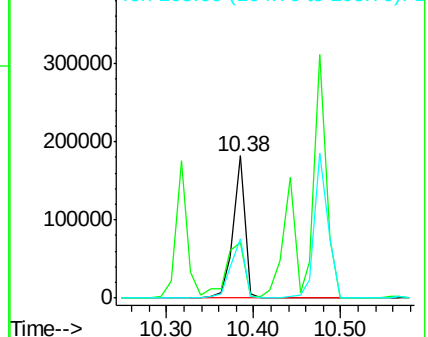
105 41.5 26.4 66.4

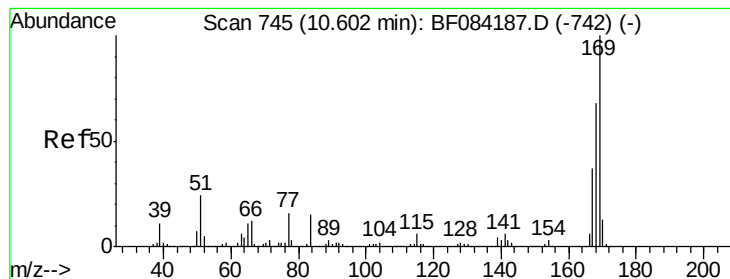


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.45 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

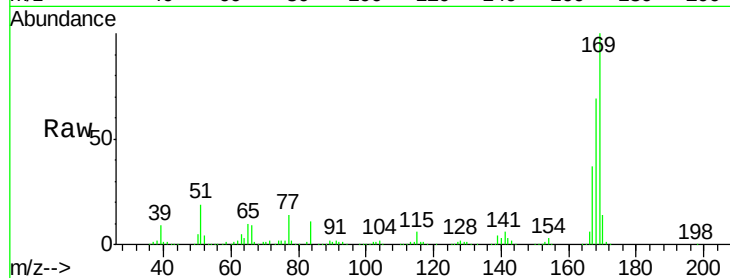
Tot Ion:169 Resp: 736954

Ion Ratio Lower Upper

169 100

168 68.7 55.1 82.7

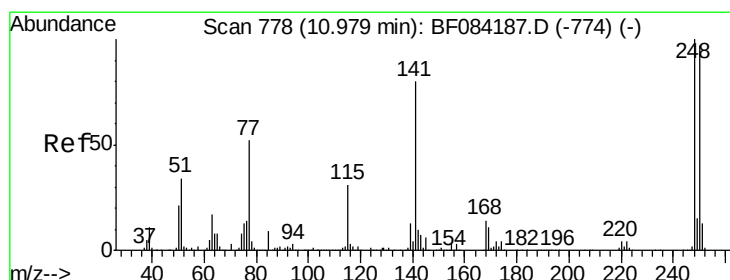
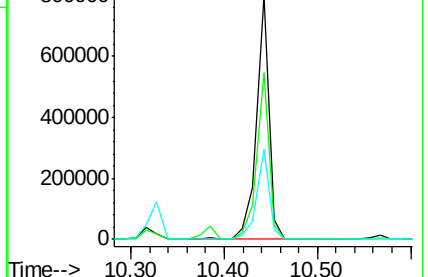
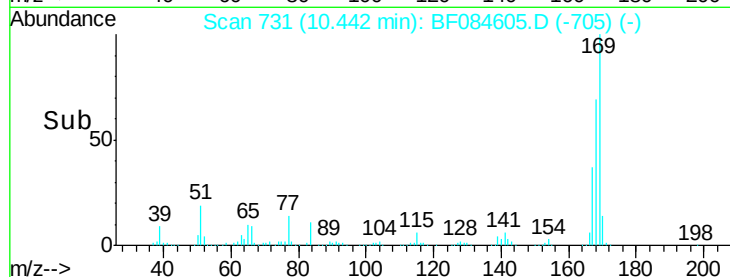
167 37.1 30.0 45.0



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: 37.07 ng

RT: 10.81 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

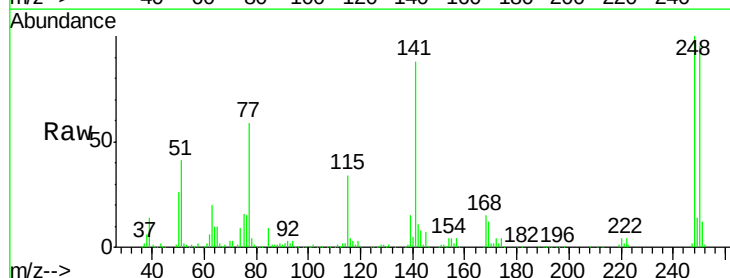
Tgt Ion:248 Resp: 259397

Ion Ratio Lower Upper

248 100

250 94.7 78.4 117.6

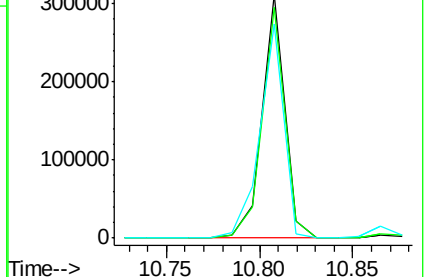
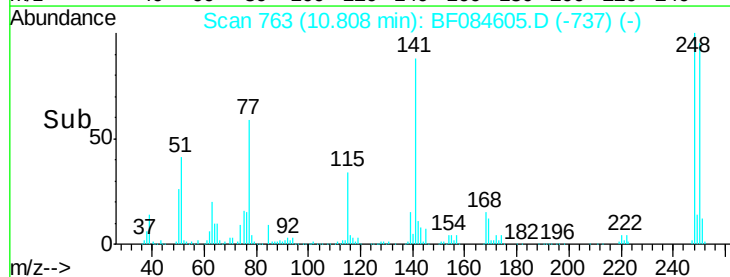
141 87.8 44.0 66.0#

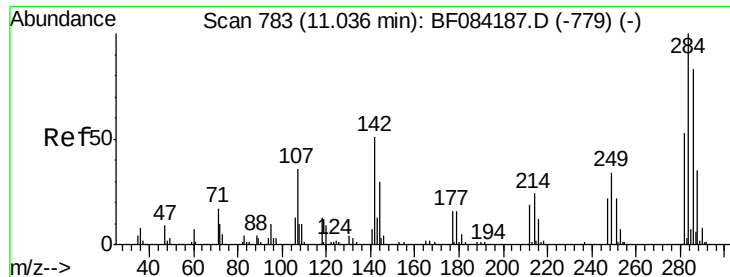


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.64 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampled :

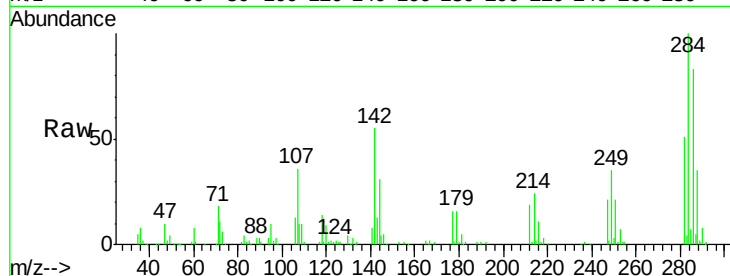
Tot Ion:284 Resp: 280727

Ion Ratio Lower Upper

284 100

142 54.8 22.2 33.4#

249 35.2 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

250000

200000

150000

100000

50000

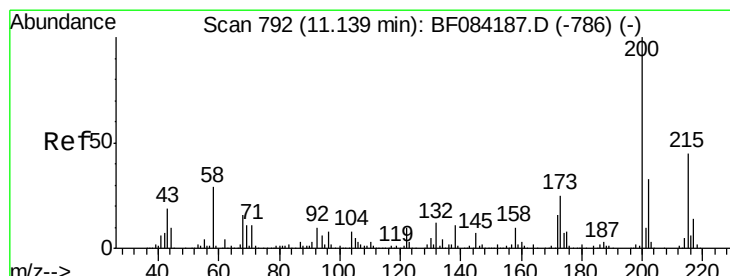
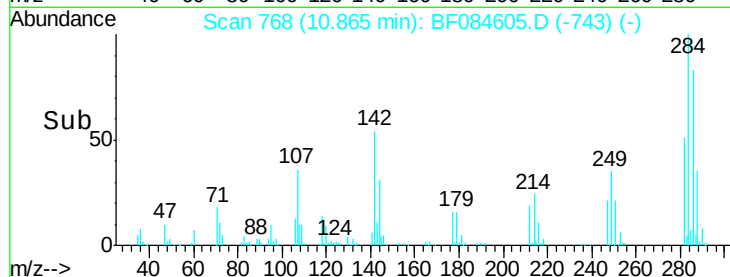
0

10.86

10.85

10.90

Time-->



#68

Atrazine

Concen: 40.54 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

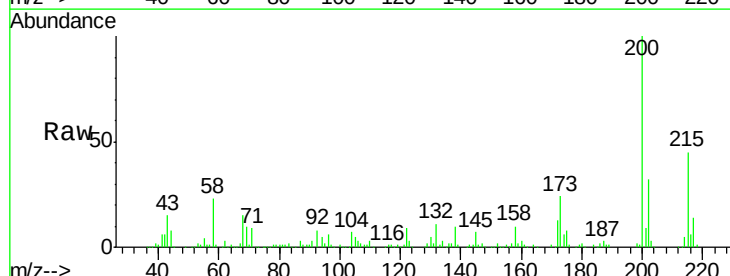
Tgt Ion:200 Resp: 275818

Ion Ratio Lower Upper

200 100

173 24.1 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

300000

250000

200000

150000

100000

50000

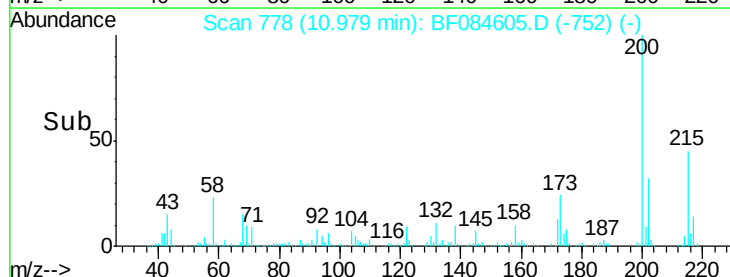
0

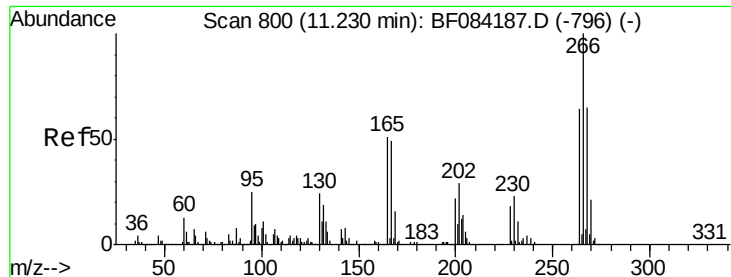
10.98

10.95

11.00

Time-->

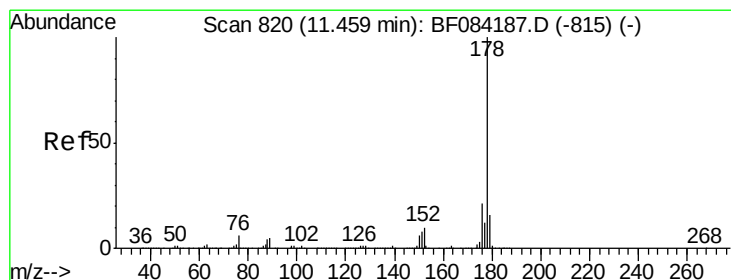
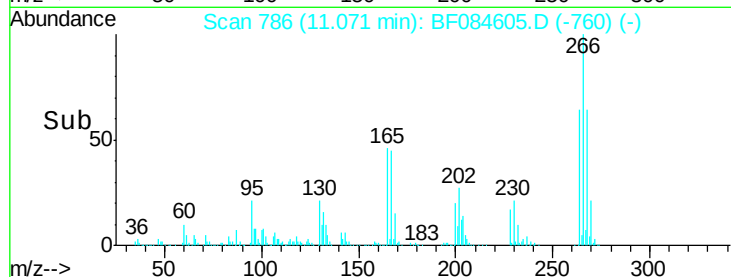
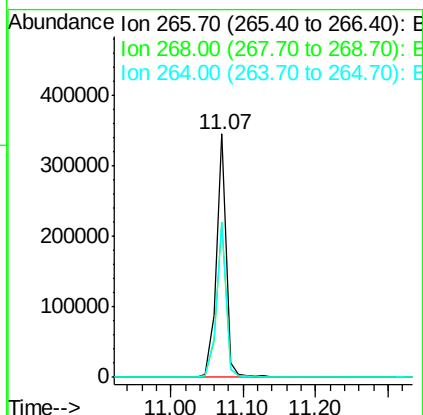
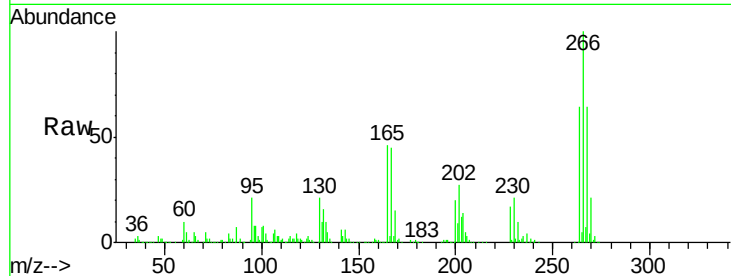




#69
 Pentachlorophenol
 Concen: 79.65 ng
 RT: 11.07 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

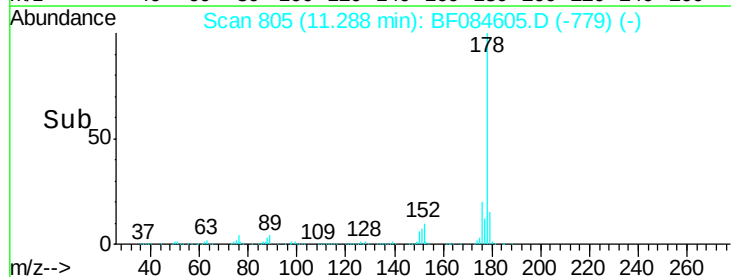
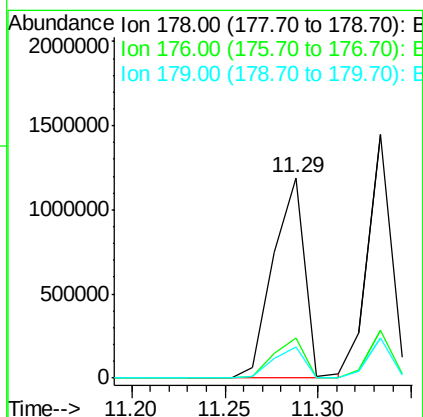
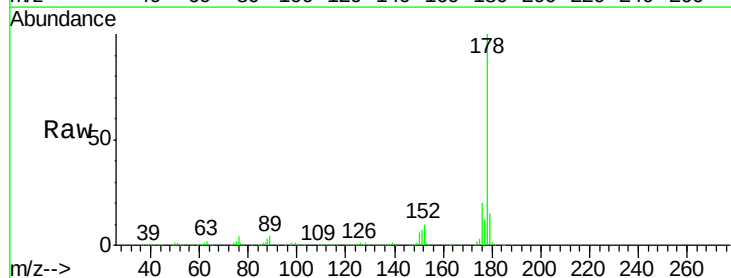
Instrument :
 BNA_F
 ClientSampled :

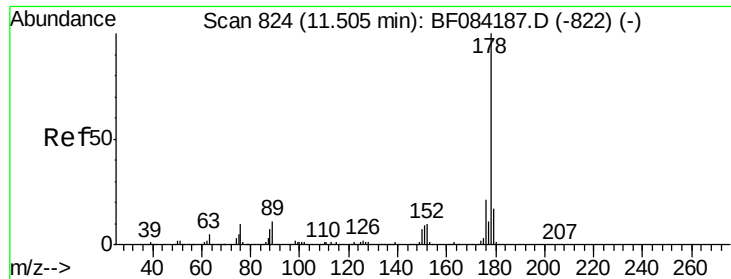
Tot Ion:266 Resp: 325282
 Ion Ratio Lower Upper
 266 100
 268 63.6 52.4 78.6
 264 63.7 50.2 75.2



#70
 Phenanthrene
 Concen: 41.14 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Tgt Ion:178 Resp: 1399128
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.3 22.9
 179 15.5 12.0 18.0





#71

Anthracene

Concen: 37.98 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

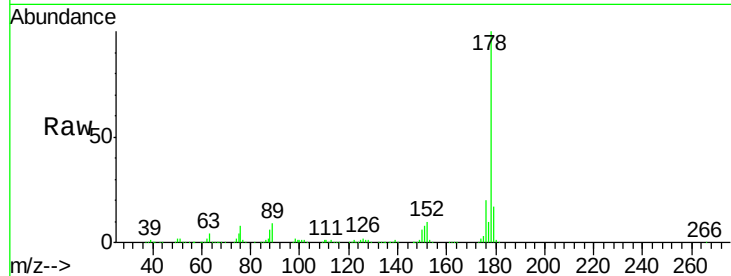
Tot Ion:178 Resp: 1266193

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.0

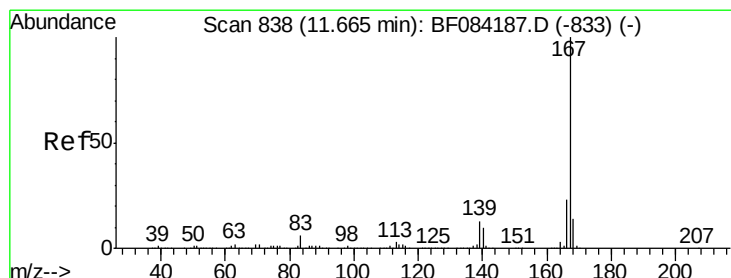
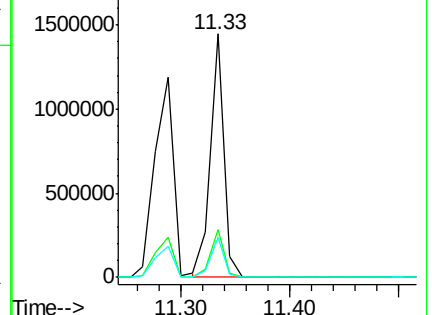
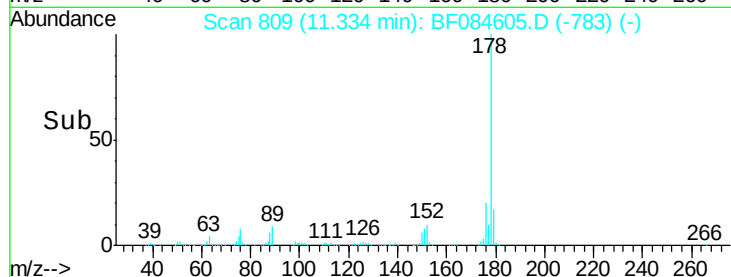
179 16.7 12.5 18.7



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: 36.79 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

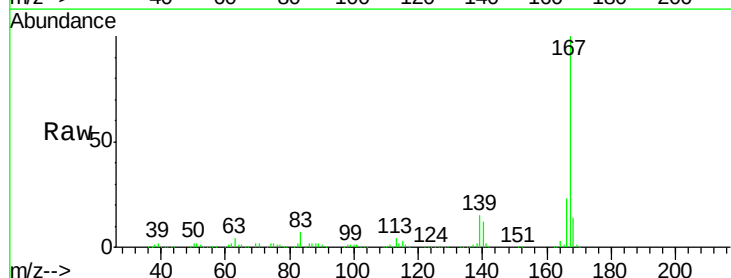
Tgt Ion:167 Resp: 1199241

Ion Ratio Lower Upper

167 100

166 23.0 17.6 26.4

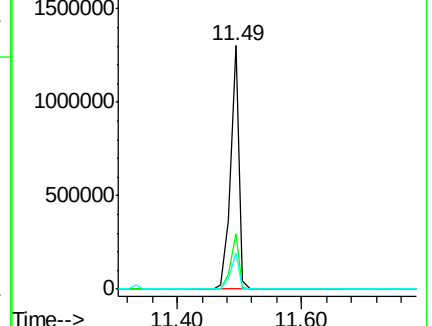
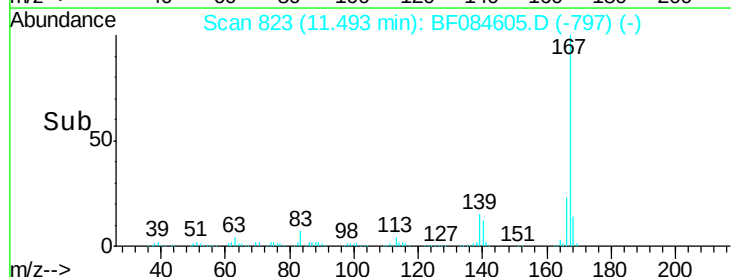
139 15.0 11.8 17.8

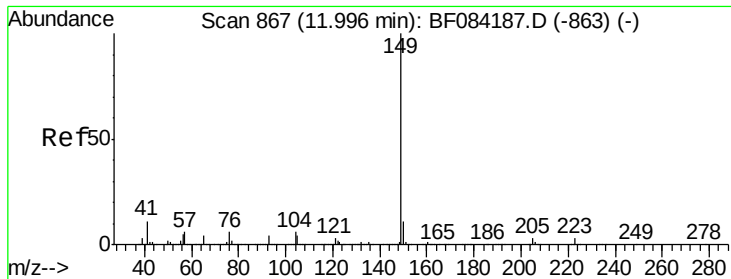


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.10 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

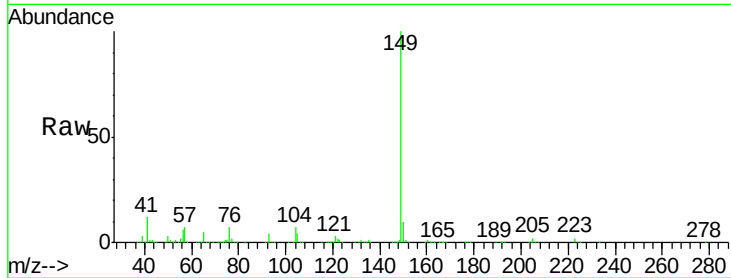
Tot Ion:149 Resp: 1456337

Ion Ratio Lower Upper

149 100

150 9.8 7.1 10.7

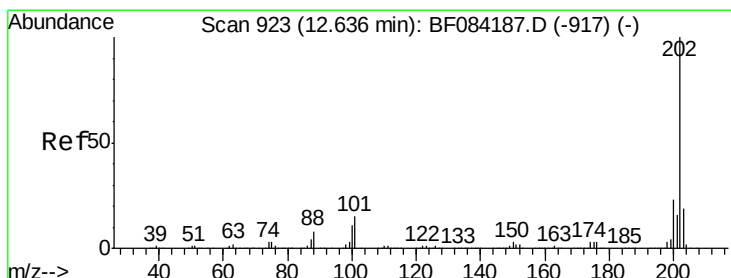
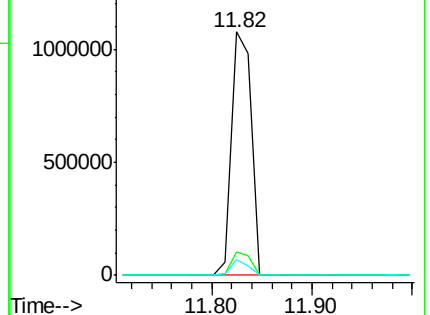
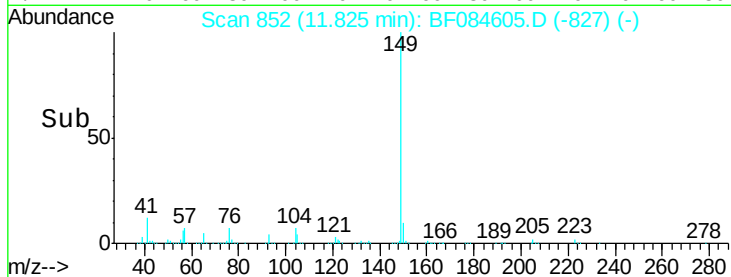
104 6.7 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.80 ng

RT: 12.47 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

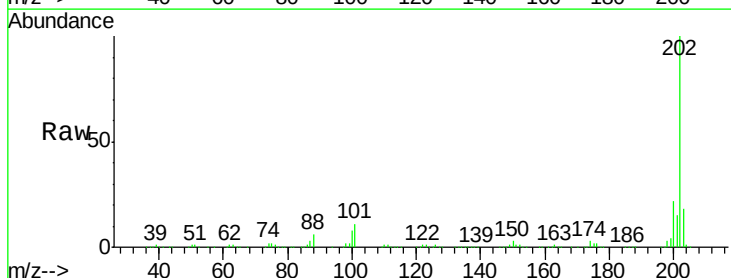
Tgt Ion:202 Resp: 1307561

Ion Ratio Lower Upper

202 100

101 11.2 0.0 32.8

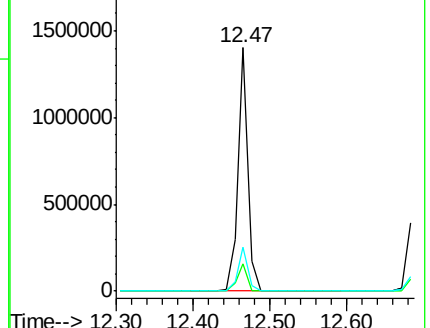
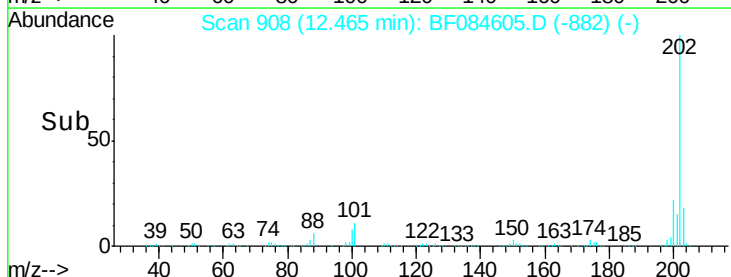
203 18.2 0.0 37.9

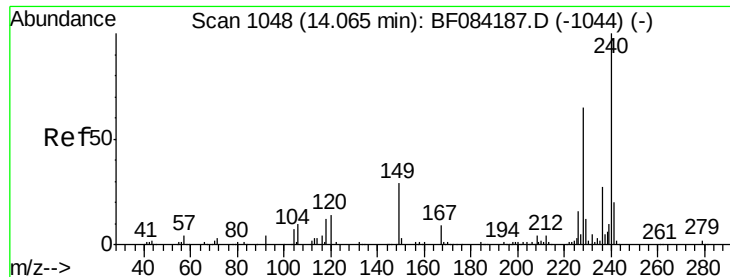


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

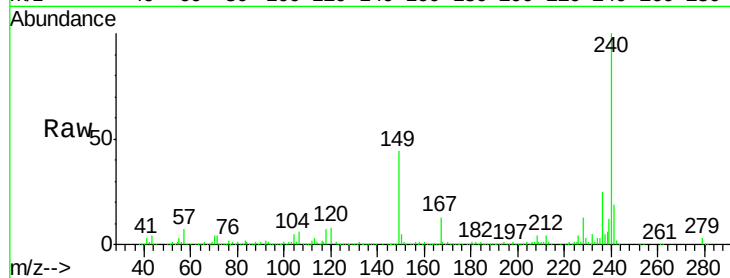
Tot Ion:240 Resp: 619564

Ion Ratio Lower Upper

240 100

120 7.8 9.5 14.3#

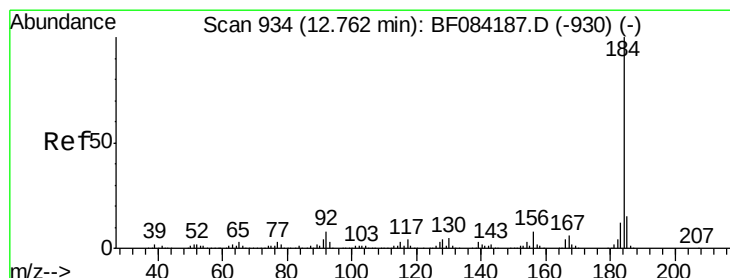
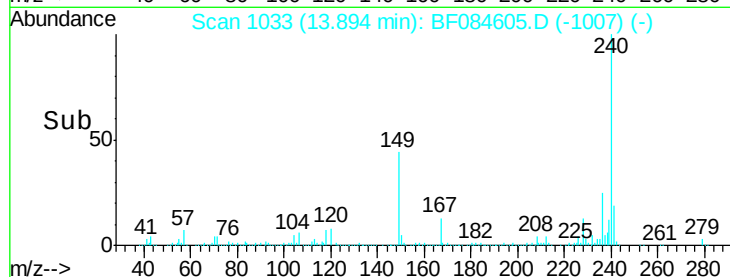
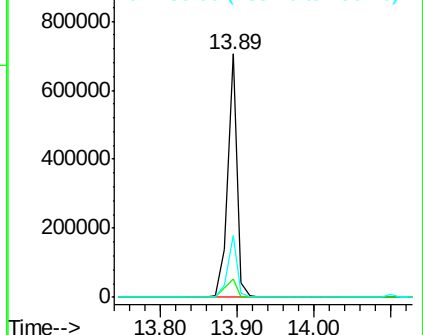
236 25.3 20.6 31.0



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: 18.77 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

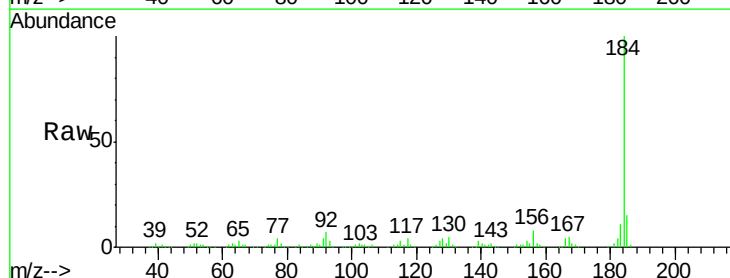
Tgt Ion:184 Resp: 416906

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

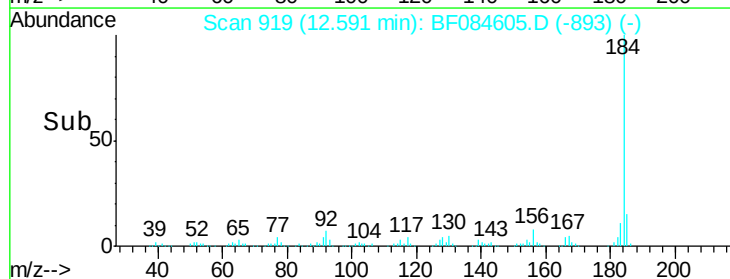
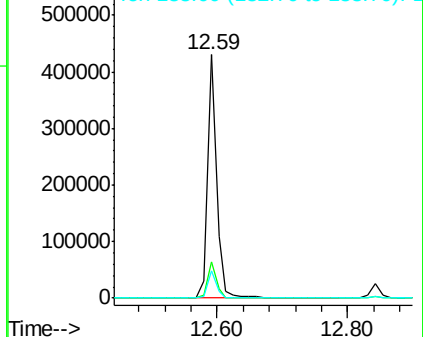
183 11.2 9.8 14.8

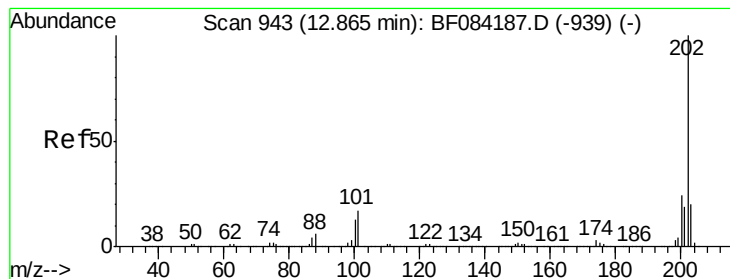


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 28.82 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampleId :

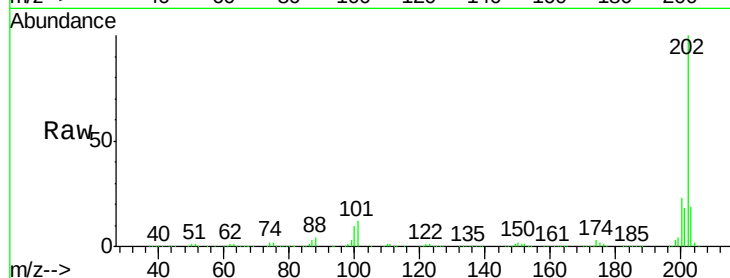
Tot Ion:202 Resp: 1401285

Ion Ratio Lower Upper

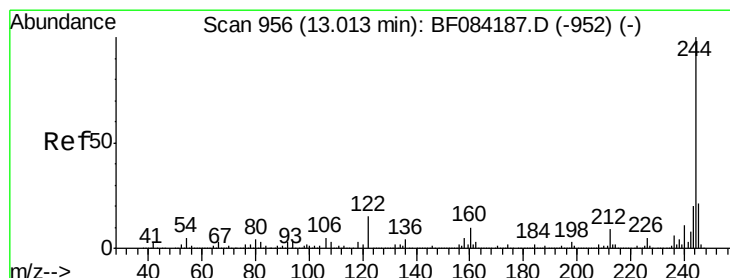
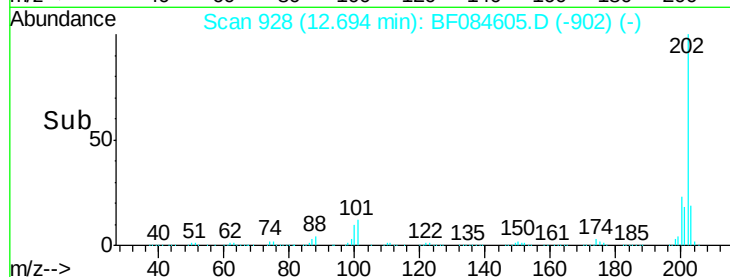
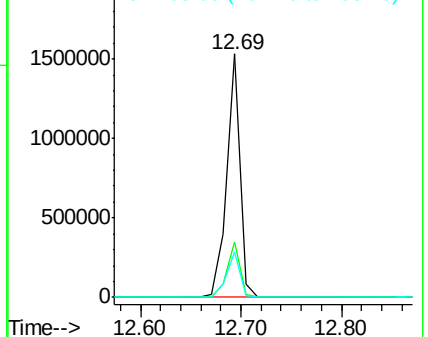
202 100

200 22.8 17.2 25.8

203 18.6 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: 61.30 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

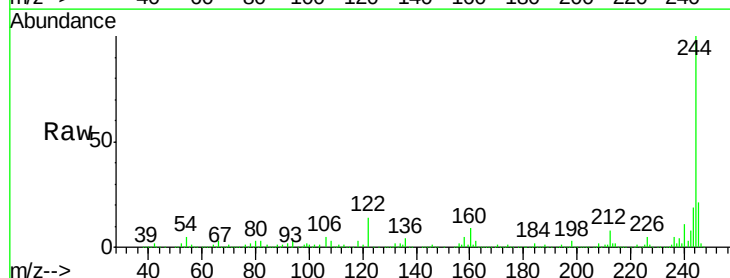
Tgt Ion:244 Resp: 1701346

Ion Ratio Lower Upper

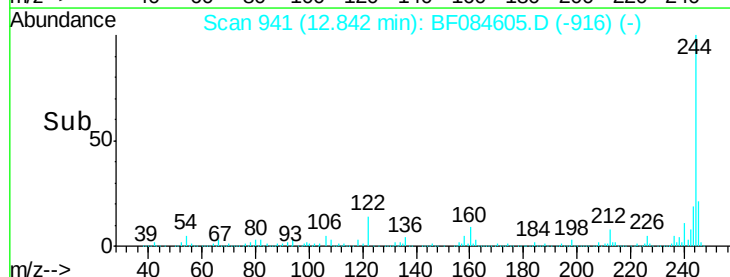
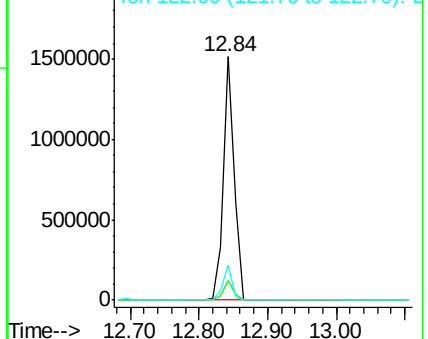
244 100

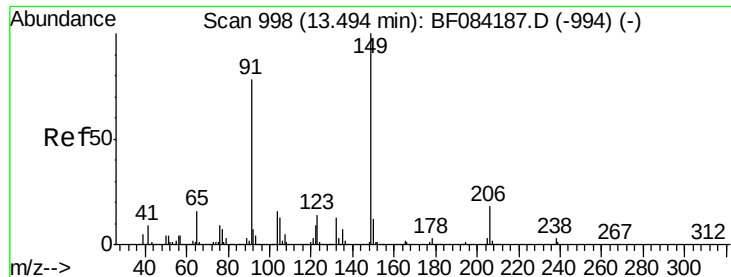
212 8.0 5.7 8.5

122 14.1 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

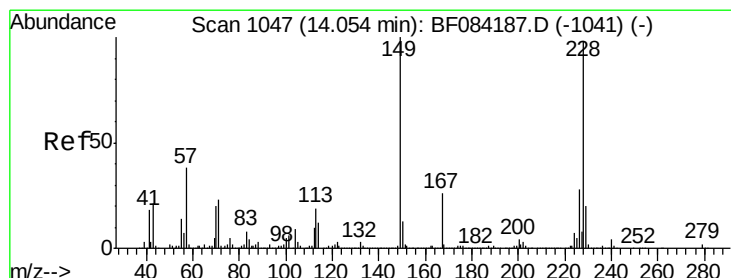
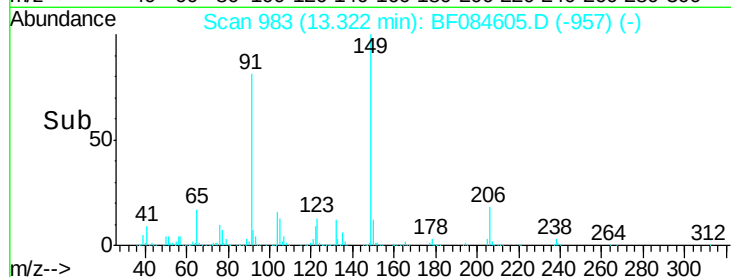
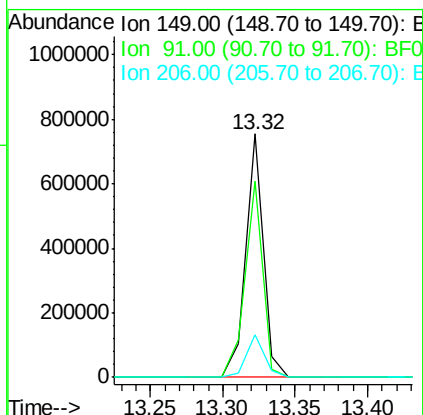
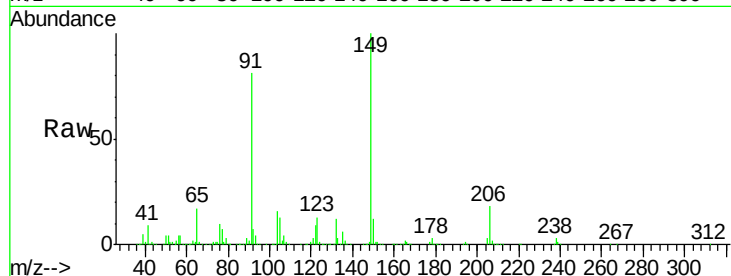




#79
Butylbenzylphthalate
Concen: 30.32 ng
RT: 13.32 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

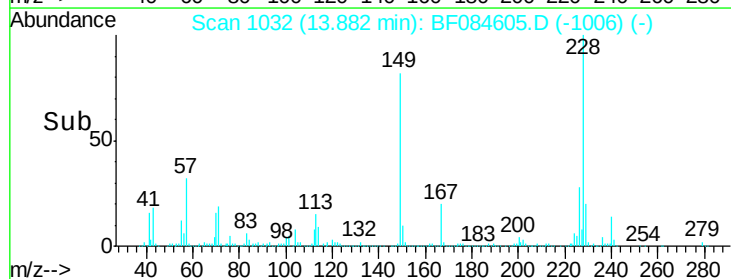
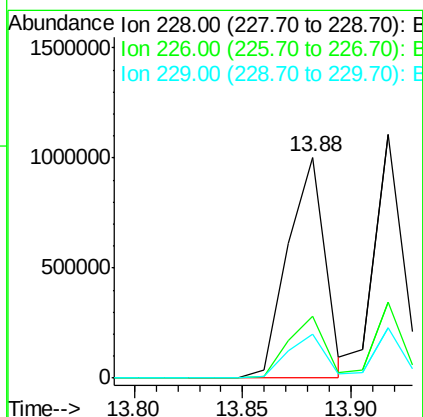
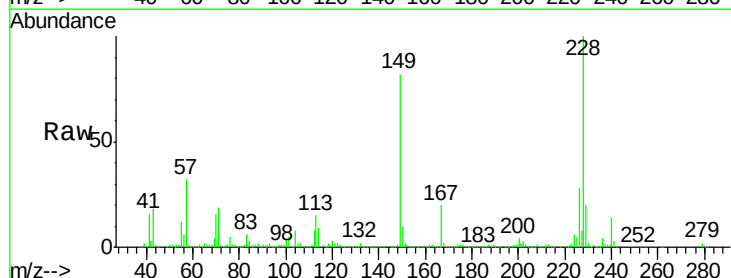
Instrument :
BNA_F
ClientSampleId :

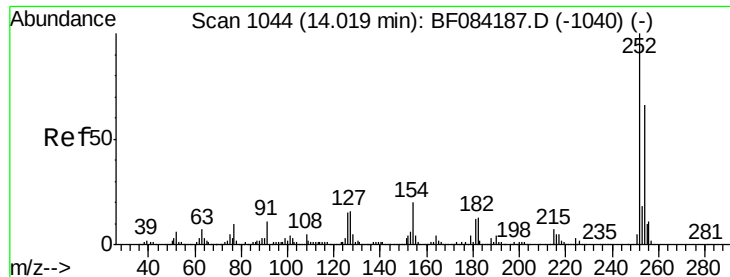
Tot Ion:149 Resp: 637873
Ion Ratio Lower Upper
149 100
91 80.7 57.6 86.4
206 17.7 13.2 19.8



#80
Benzo(a)anthracene
Concen: 32.95 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion:228 Resp: 1198839
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.6
229 20.1 15.8 23.8

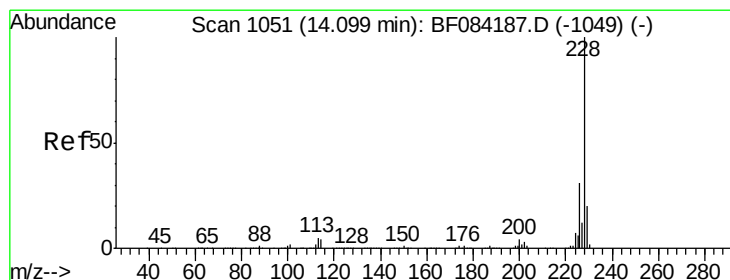
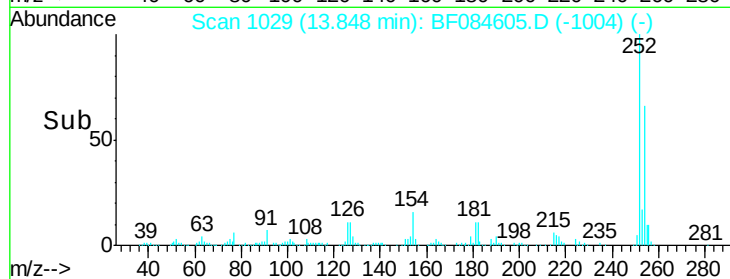
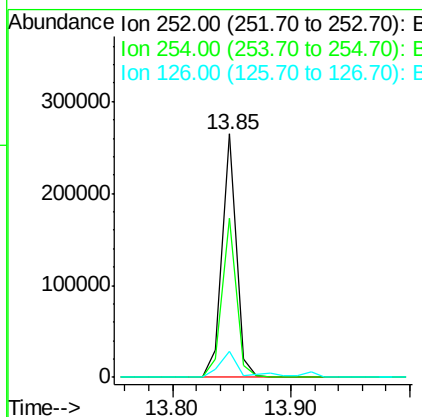
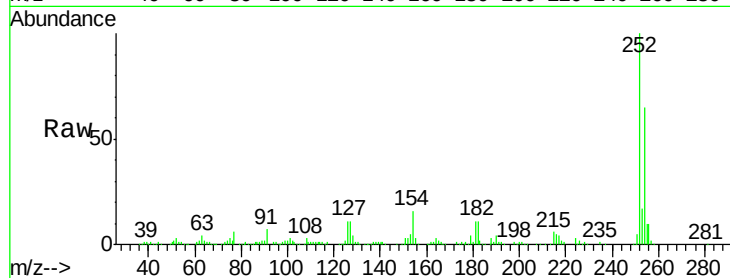




#81
 3,3'-Dichlorobenzidine
 Concen: 17.28 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

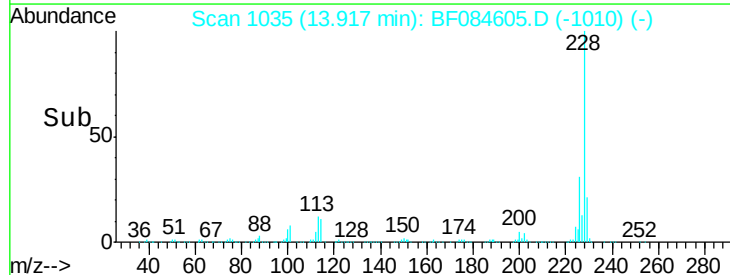
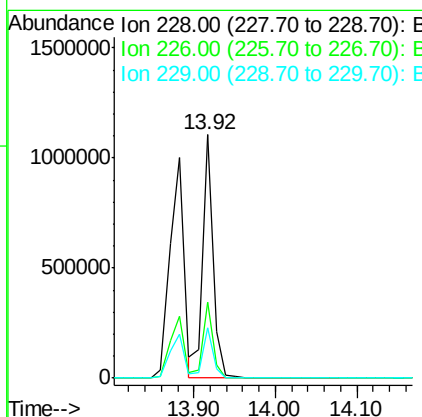
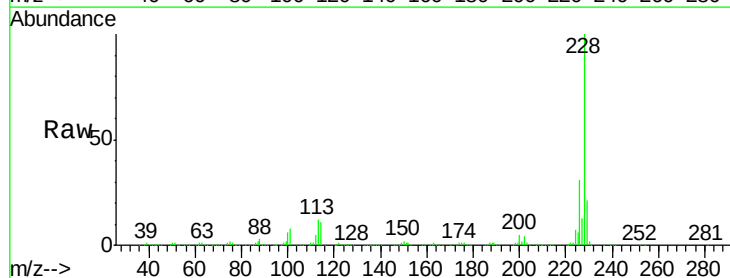
Instrument :
 BNA_F
 ClientSampleId :

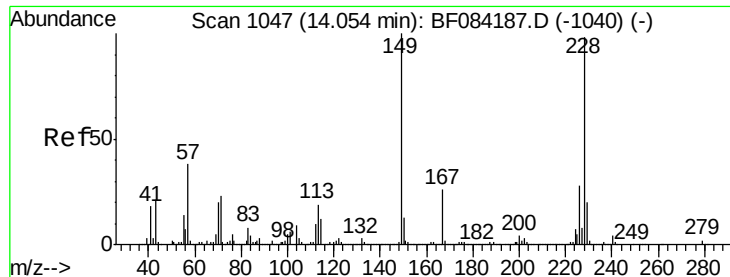
Tot Ion:252 Resp: 219418
 Ion Ratio Lower Upper
 252 100
 254 65.5 53.5 80.3
 126 10.9 4.9 7.3#



#82
 Chrysene
 Concen: 28.89 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Tgt Ion:228 Resp: 1009883
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.3 36.5
 229 20.6 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.95 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

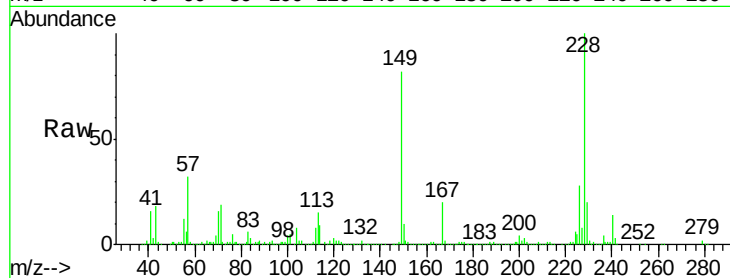
Tot Ion:149 Resp: 822690

Ion Ratio Lower Upper

149 100

167 24.8 19.7 29.5

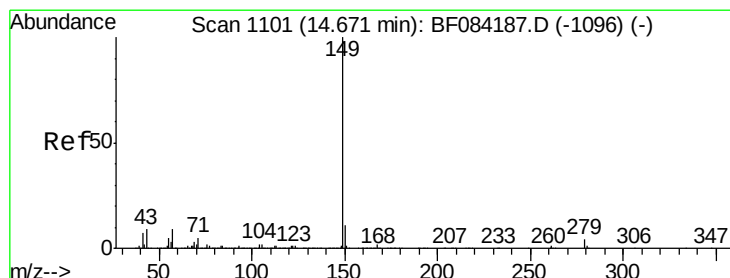
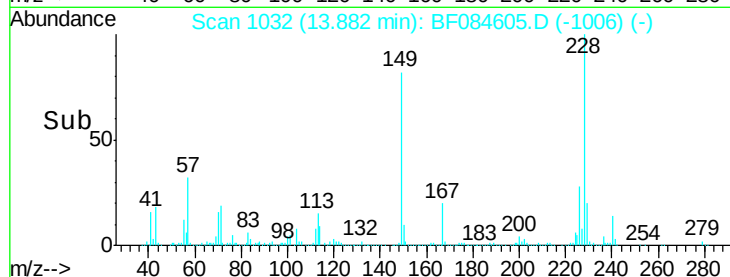
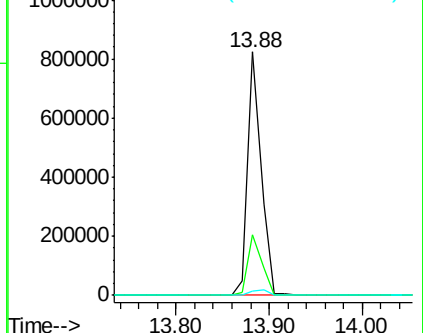
279 1.9 1.8 2.6



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: 32.08 ng

RT: 14.50 min Scan# 1086

Delta R.T. 0.00 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

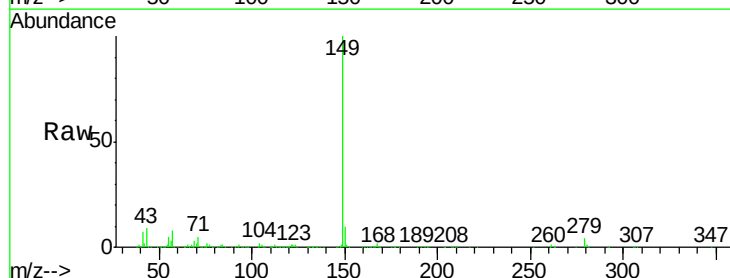
Tgt Ion:149 Resp: 1439431

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

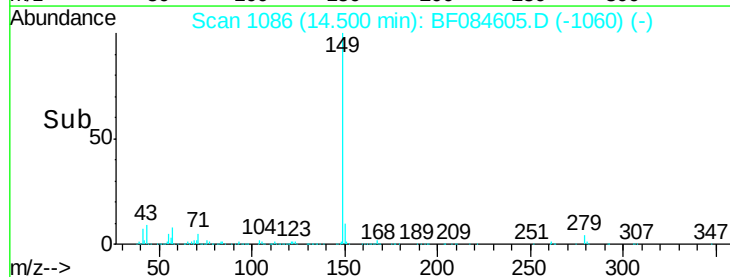
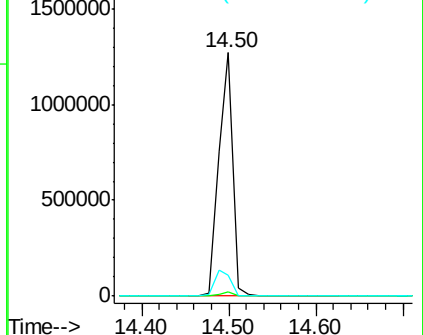
43 12.4 5.6 8.4#

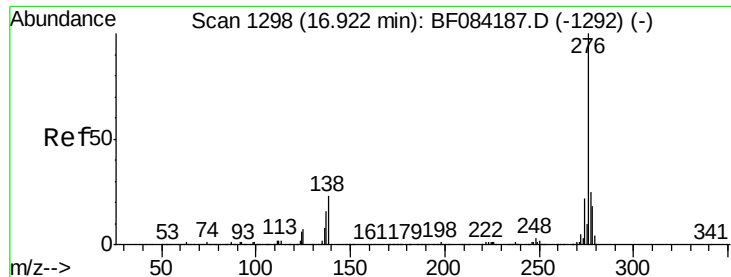


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

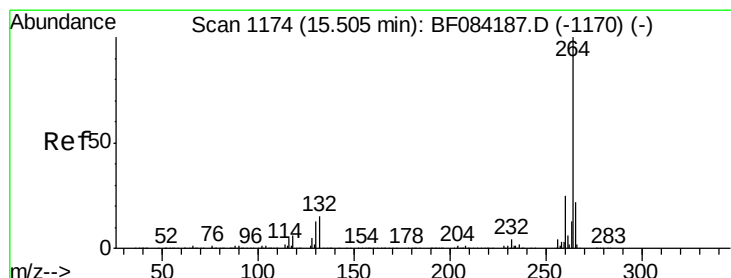
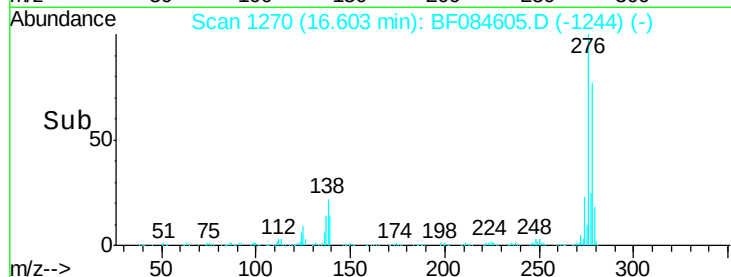
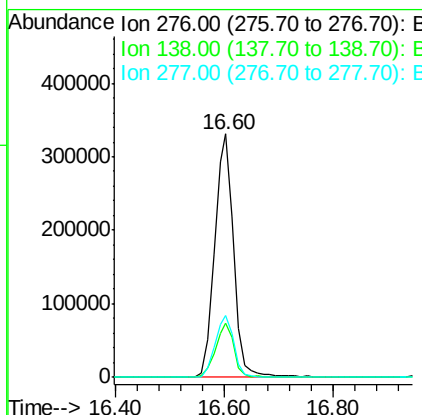
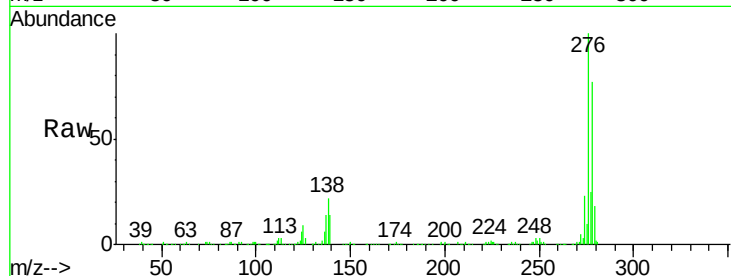




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 29.47 ng
 RT: 16.60 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

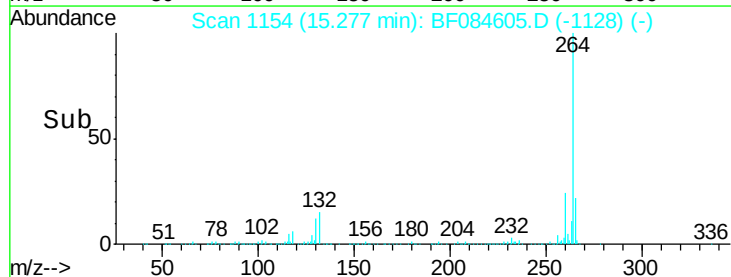
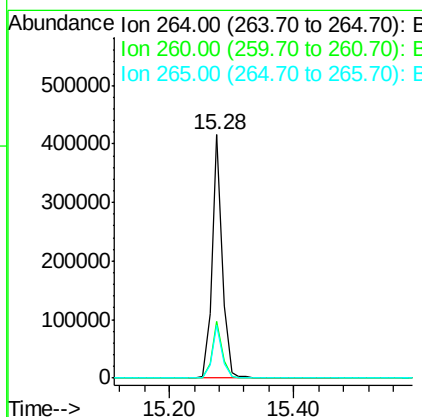
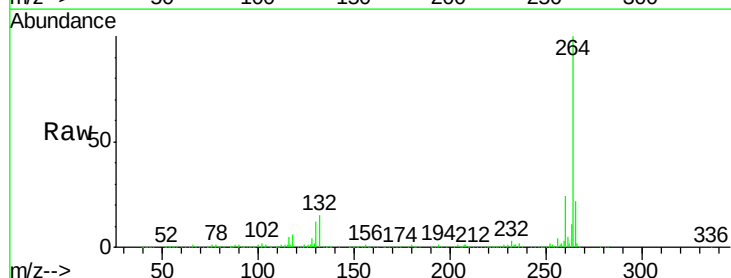
Instrument :
 BNA_F
 ClientSampleId :

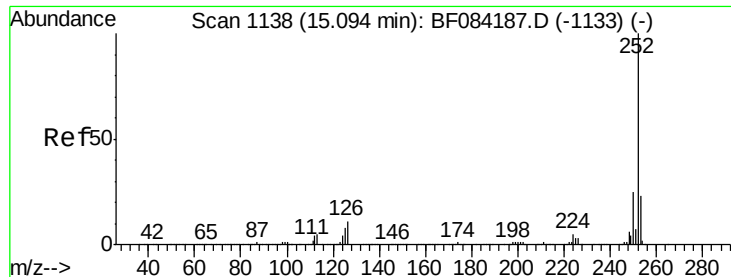
Tot Ion:276 Resp: 816525
 Ion Ratio Lower Upper
 276 100
 138 21.7 20.6 30.8
 277 25.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF084605.D
 Acq: 25 Jan 2016 14:18

Tgt Ion:264 Resp: 463183
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.7 17.8 26.6

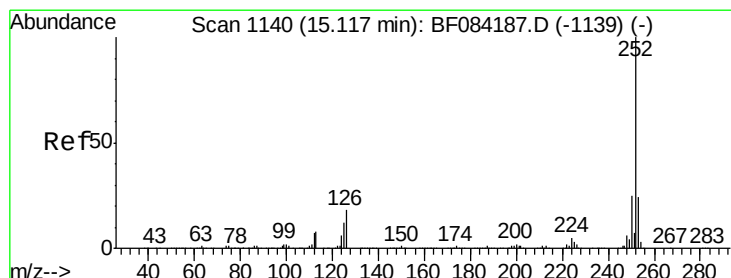
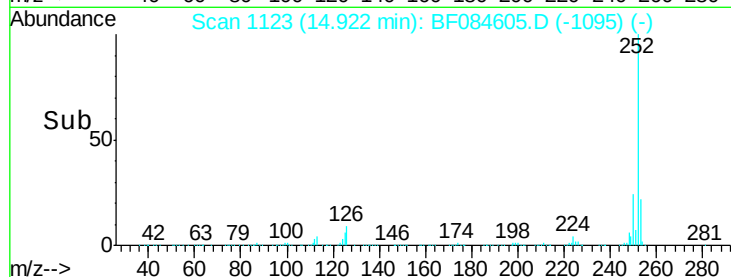
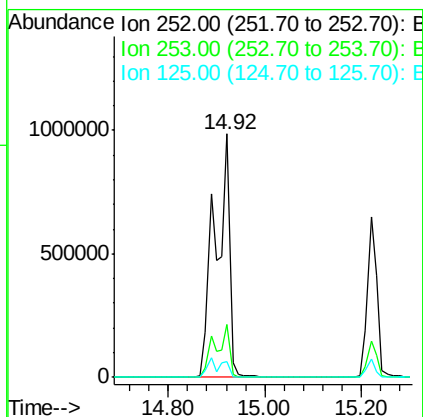
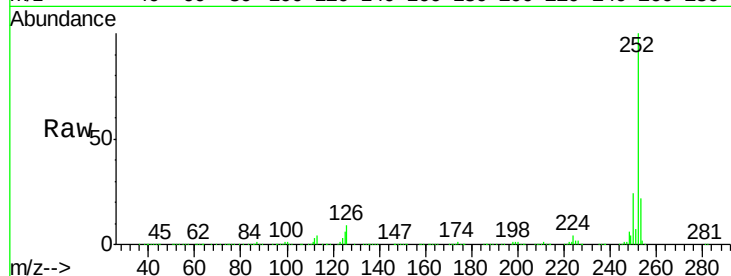




#87
Benzo(b)fluoranthene
Concen: 67.62 ng
RT: 14.92 min Scan# 1123
Delta R.T. 0.02 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

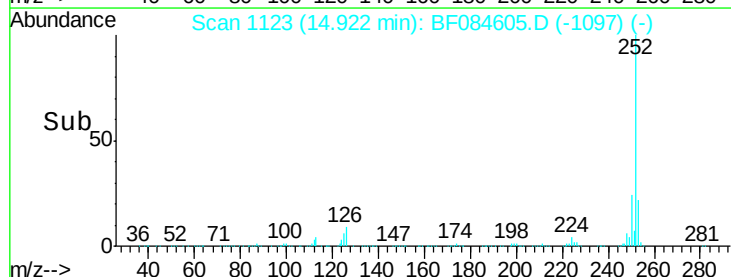
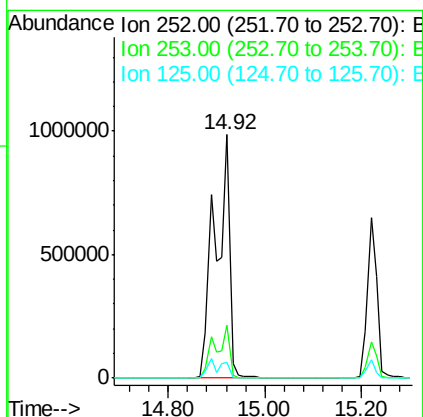
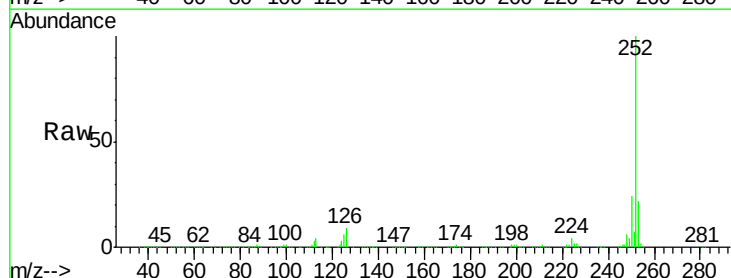
Instrument :
BNA_F
ClientSampled :

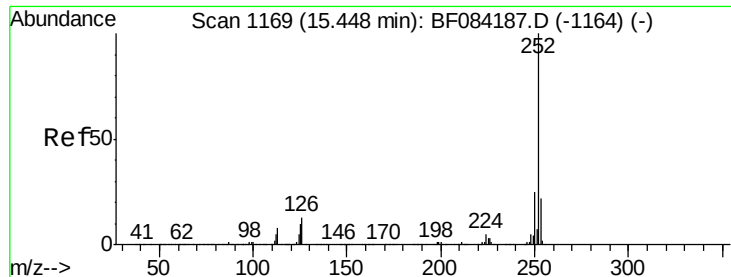
Tot Ion:252 Resp: 2048700
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 6.4 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 82.68 ng
RT: 14.92 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion:252 Resp: 2048700
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 6.4 9.0 13.6#

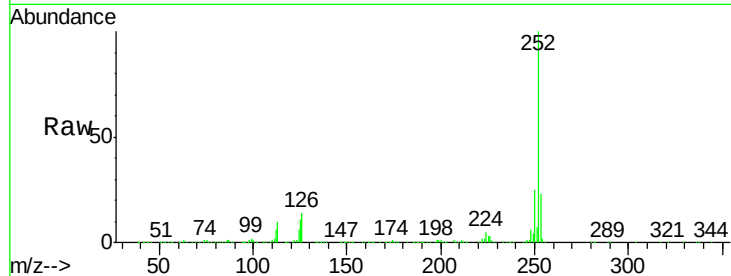




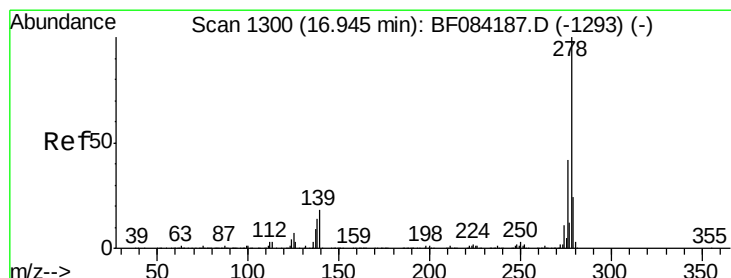
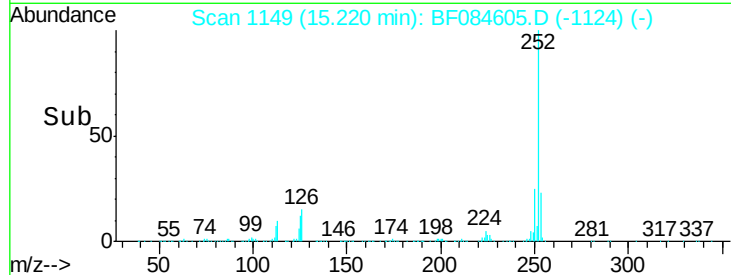
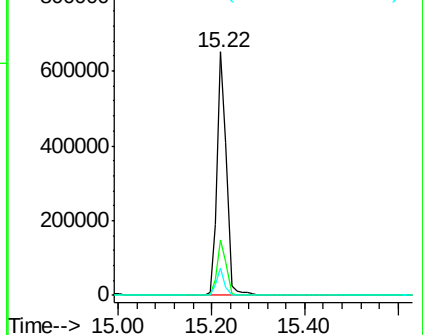
#89
Benzo(a)pyrene
Concen: 35.23 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 905284
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 11.2 7.0 10.4#

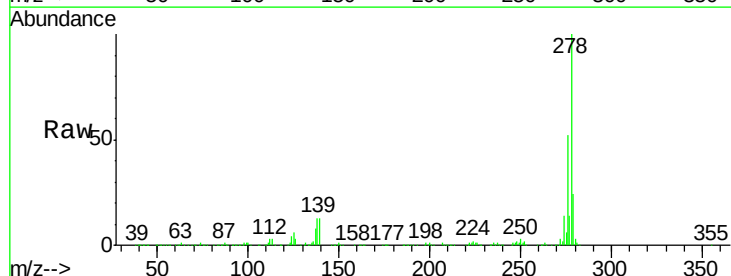


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

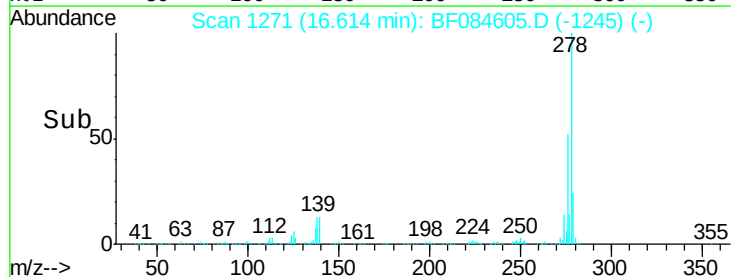
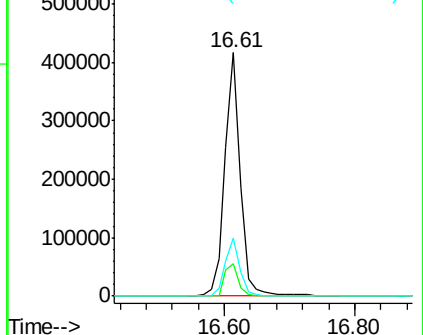


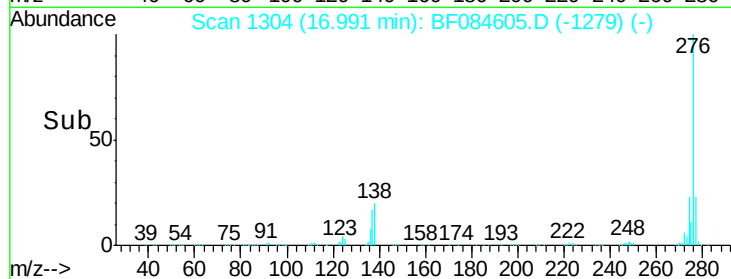
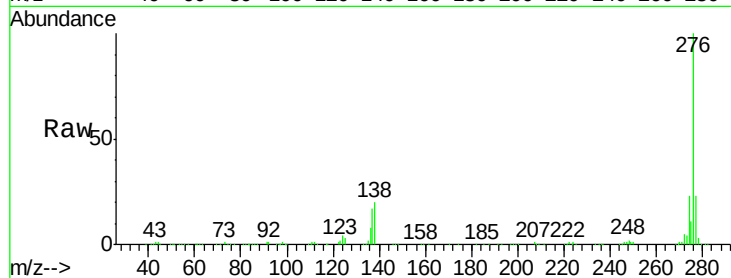
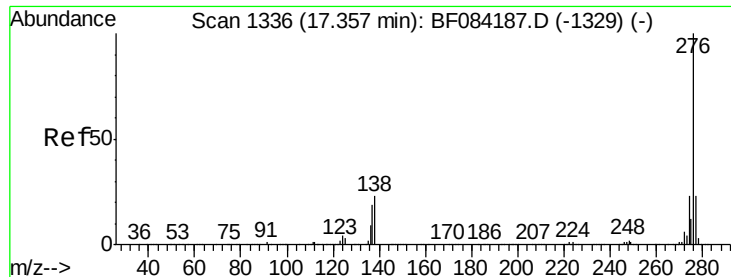
#90
Dibenzo(a,h)anthracene
Concen: 31.15 ng
RT: 16.61 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF084605.D
Acq: 25 Jan 2016 14:18

Tgt Ion:278 Resp: 688850
Ion Ratio Lower Upper
278 100
139 13.3 15.0 22.4#
279 23.8 18.9 28.3



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





#91

Benzo(a,h,i)perylene

Concen: 29.24 ng

RT: 16.99 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF084605.D

Acq: 25 Jan 2016 14:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 669567

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 19.8 17.8 26.6

