

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084272.D
 Acq On : 5 Jan 2016 8:16
 Operator : UM/SJ
 Sample : G4949-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 05 09:45:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	258176	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	830436	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	319590	20.00	ng	0.01
63) Phenanthrene-d10	11.45	188	490451	20.00	ng	0.02
75) Chrysene-d12	14.05	240	551338	20.00	ng	-0.01
86) Perylene-d12	15.49	264	540470	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1561952	97.86	ng	0.01
7) Phenol-d6	6.53	99	2129997	106.25	ng	0.00
23) Nitrobenzene-d5	7.46	82	1452486	97.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.76	330	263986	81.82	ng	0.02
44) 2-Fluorobiphenyl	9.28	172	1797294	100.05	ng	0.01
78) Terphenyl-d14	13.01	244	1565663	63.39	ng	0.00

Target Compounds						Qvalue
15) Benzyl Alcohol	7.05	79	45899	2.72	ng	# 44
18) Hexachloroethane	7.44	117	185611	24.78	ng	# 1
19) n-Nitroso-di-n-propylamine	7.32	70	77945	5.74	ng	# 73
24) Nitrobenzene	7.54	77	61409	4.06	ng	# 56
25) Isophorone	7.71	82	318846	11.17	ng	# 1
26) 2-Nitrophenol	7.81	139	35349	5.13	ng	# 1
27) 2,4-Dimethylphenol	7.84	122	41790	3.00	ng	# 1
28) bis(2-Chloroethoxy)methane	7.95	93	39767	2.28	ng	# 1
29) 2,4-Dichlorophenol	8.04	162	39081	3.37	ng	# 6
31) Naphthalene	8.24	128	186064	4.94	ng	# 1
32) Benzoic acid	7.98	122	35763	9.72	ng	# 1
33) 4-Chloroaniline	8.24	127	81112	4.70	ng	# 1
35) Caprolactam	8.62	113	485985	124.14	ng	# 1
36) 4-Chloro-3-methylphenol	8.73	107	88158	6.78	ng	# 28
37) 2-Methylnaphthalene	8.91	142	1114254	41.20	ng	# 95
42) 2,4,6-Trichlorophenol	9.20	196	20343	2.96	ng	# 12
43) 2,4,5-Trichlorophenol	9.24	196	18664	2.83	ng	# 1
47) 2-Nitroaniline	9.50	65	48805	7.41	ng	# 13
48) Acenaphthylene	9.82	152	140348	4.76	ng	# 1
49) Dimethylphthalate	9.68	163	348781	15.27	ng	# 48
50) 2,6-Dinitrotoluene	9.73	165	92329	18.43	ng	# 38
51) Acenaphthene	10.00	154	351047	17.75	ng	# 72
52) 3-Nitroaniline	9.92	138	101028	16.27	ng	# 23
53) 2,4-Dinitrophenol	10.25	184	62686	31.62	ng	# 98
54) Dibenzofuran	10.17	168	250340	7.29	ng	# 1
55) 4-Nitrophenol	10.08	139	244944	54.35	ng	# 46
56) 2,4-Dinitrotoluene	10.17	165	119369	18.82	ng	# 50
57) Fluorene	10.51	166	569403	27.85	ng	# 85
59) Diethylphthalate	10.42	149	108159	4.80	ng	# 10
60) 4-Chlorophenyl-phenylether	10.52	204	10081	Below	Cal	# 1
61) 4-Nitroaniline	10.42	138	51865	9.37	ng	# 85
62) Azobenzene	10.66	77	68252	2.76	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.53	198	13478	9.72	ng	# 1
65) n-Nitrosodiphenylamine	10.62	169	1177875	75.11	ng	# 49

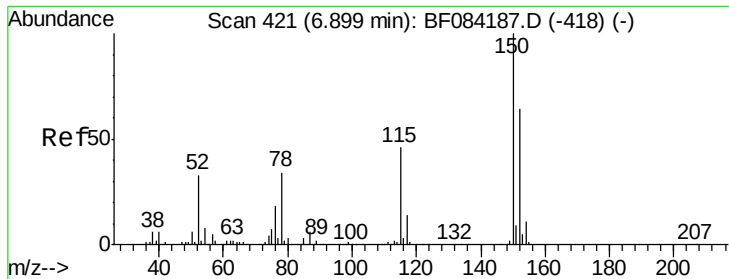
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084272.D
Acq On : 5 Jan 2016 8:16
Operator : UM/SJ
Sample : G4949-01
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 05 09:45:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) Atrazine	11.15	200	41679	8.12	nq	# 1
70) Phenanthrene	11.47	178	1499121	58.43	nq	# 91
71) Anthracene	11.56	178	821928	32.68	nq	# 1
73) Di-n-butylphthalate	11.99	149	40535	Below Cal	#	1
74) Fluoranthene	12.65	202	118389	4.42	nq	84
77) Pyrene	12.87	202	211824	4.90	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

Instrument :

BNA_F

ClientSampled :

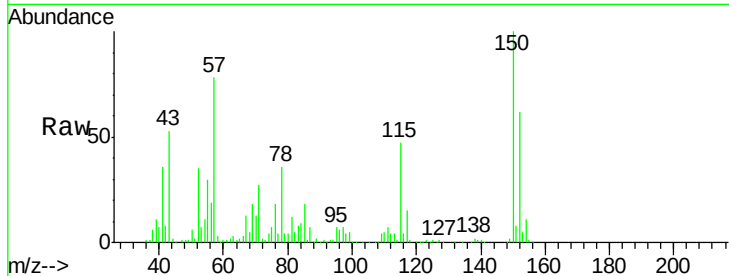
Tot Ion:152 Resp: 258176

Ion Ratio Lower Upper

152 100

150 161.6 123.0 184.4

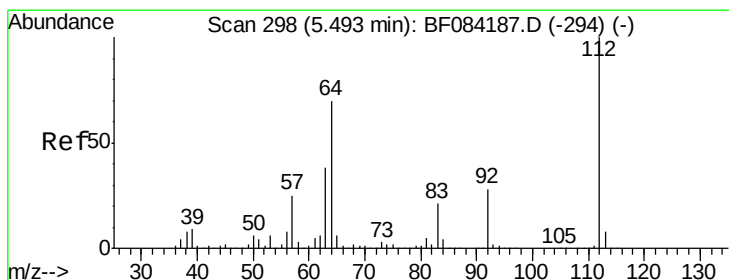
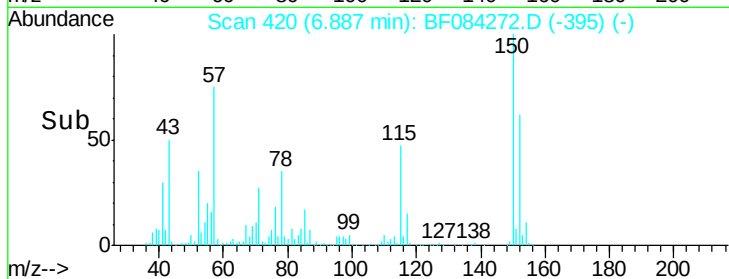
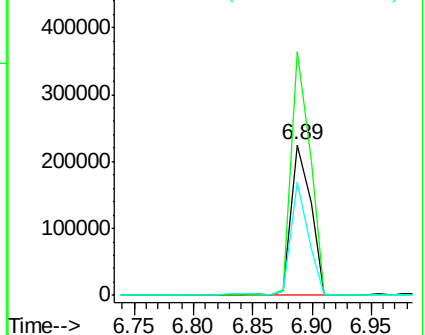
115 75.4 51.4 77.2



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



#5

2-Fluorophenol

Concen: 97.86 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

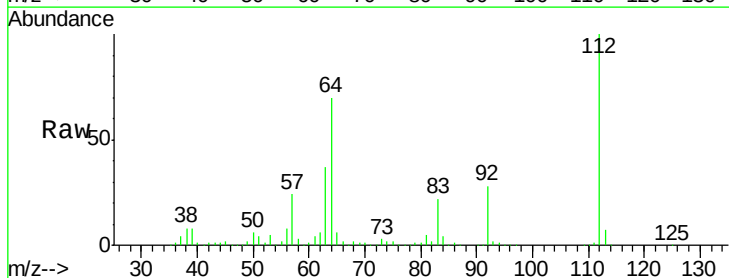
Tgt Ion:112 Resp: 1561952

Ion Ratio Lower Upper

112 100

64 69.7 36.6 55.0#

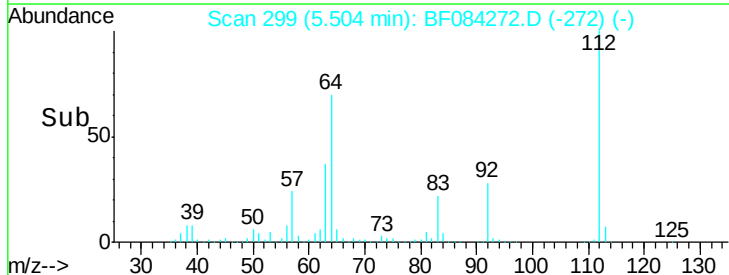
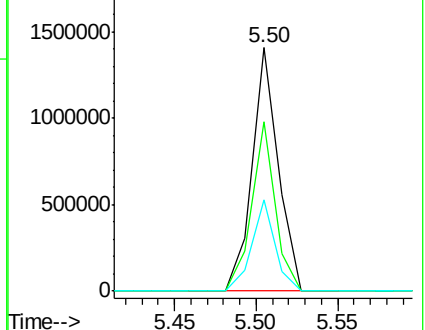
63 37.4 19.4 29.0#

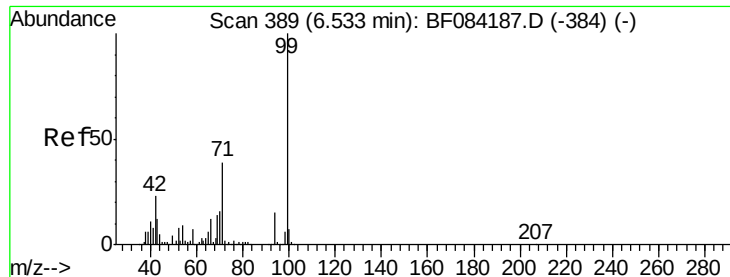


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.25 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

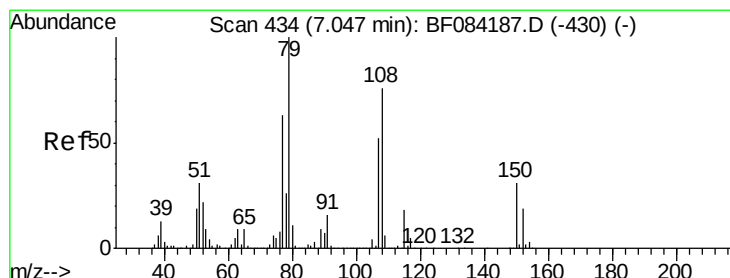
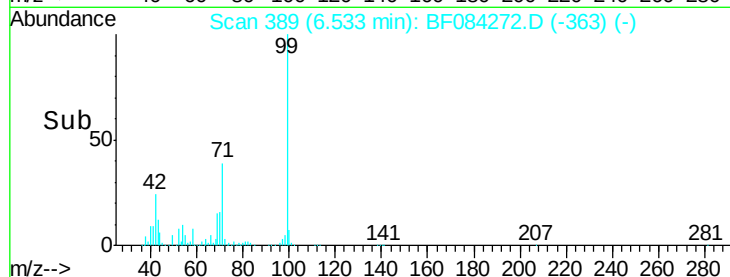
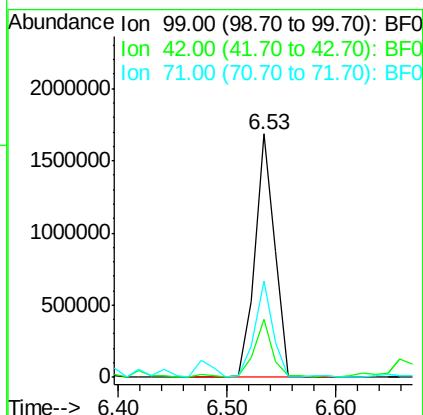
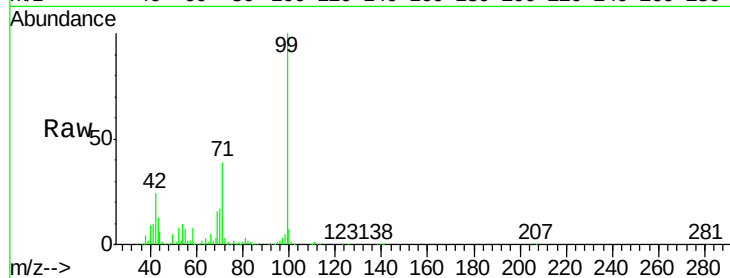
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2129997

Ion	Ratio	Lower	Upper
99	100		
42	24.0	12.8	19.2#
71	39.4	30.9	46.3



#15

Benzyl Alcohol

Concen: 2.72 ng

RT: 7.05 min Scan# 434

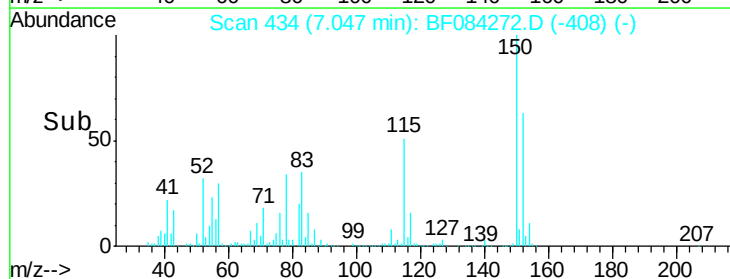
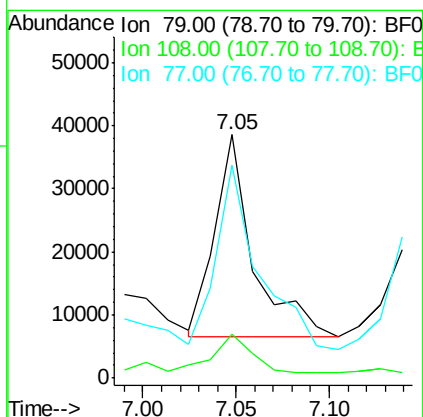
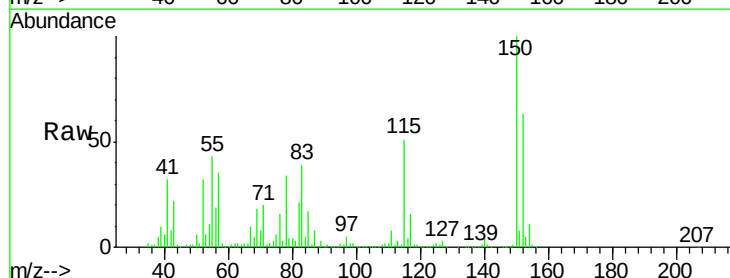
Delta R.T. 0.00 min

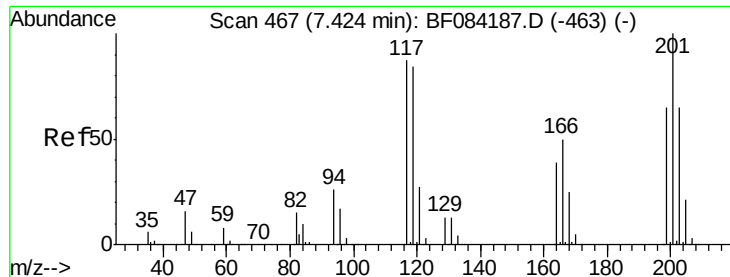
Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

Tgt Ion: 79 Resp: 45899

Ion	Ratio	Lower	Upper
79	100		
108	18.1	69.0	103.4#
77	87.3	50.0	75.0#

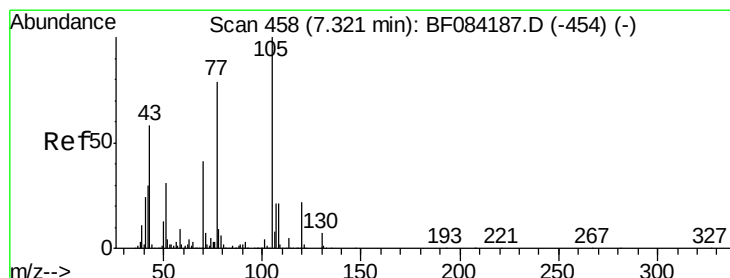
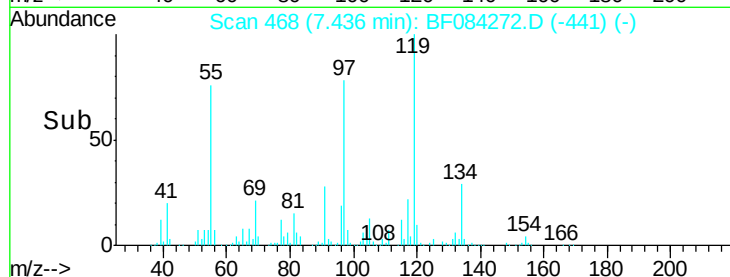
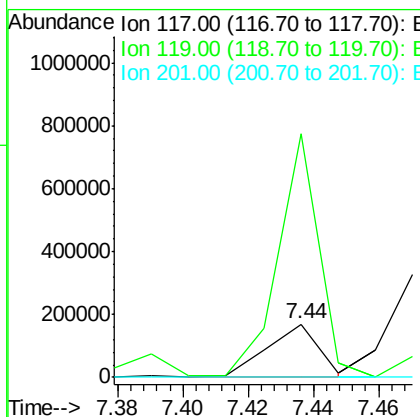
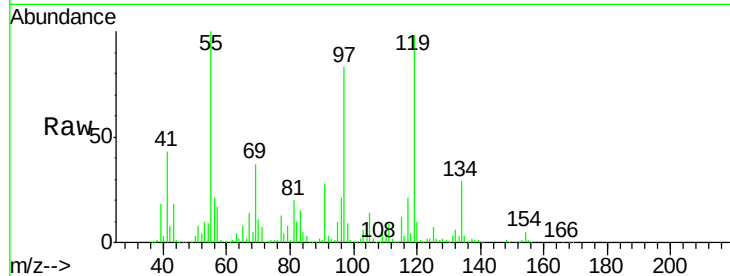




#18
Hexachloroethane
Concen: 24.78 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.01 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

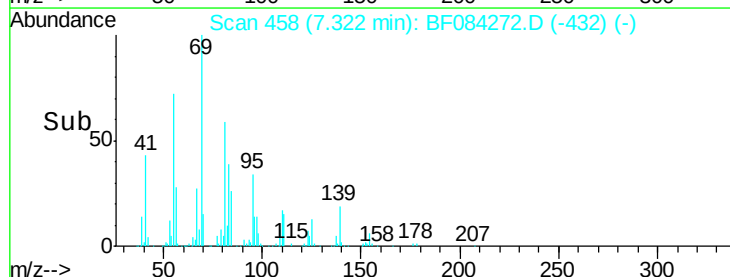
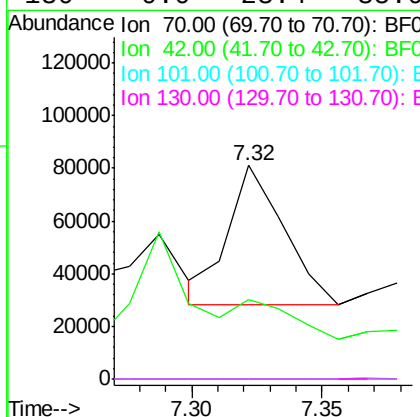
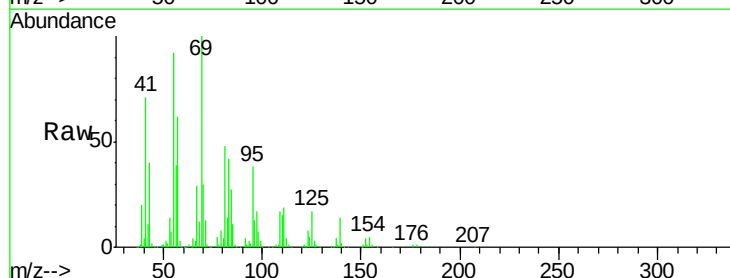
Instrument :
BNA_F
ClientSampled :

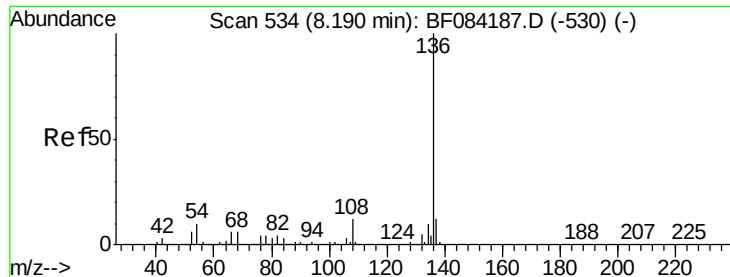
Tot Ion:117 Resp: 185611
Ion Ratio Lower Upper
117 100
119 459.0 77.4 116.0#
201 0.0 68.6 103.0#



#19
n-Nitroso-di-n-propylamine
Concen: 5.74 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

Tgt Ion: 70 Resp: 77945
Ion Ratio Lower Upper
70 100
42 36.9 33.3 49.9
101 0.0 9.3 13.9#
130 0.0 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 830436

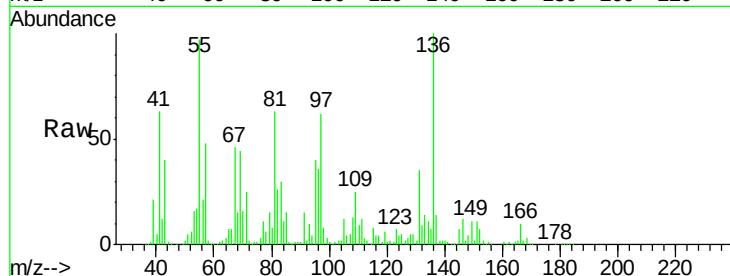
Ion Ratio Lower Upper

136 100

137 14.3 8.7 13.1#

54 17.4 5.8 8.8#

68 15.5 4.2 6.2#

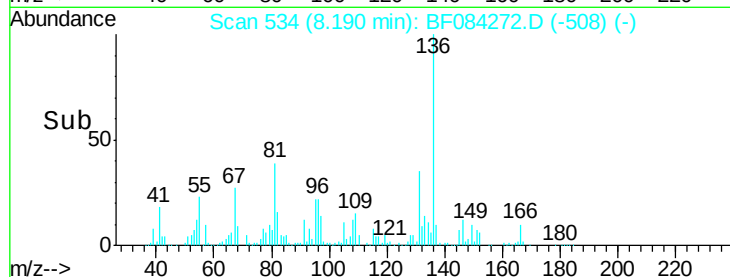


Abundance Ion 136.00 (135.70 to 136.70): E

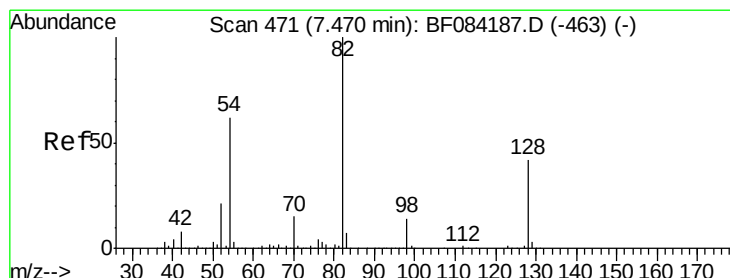
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 97.34 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

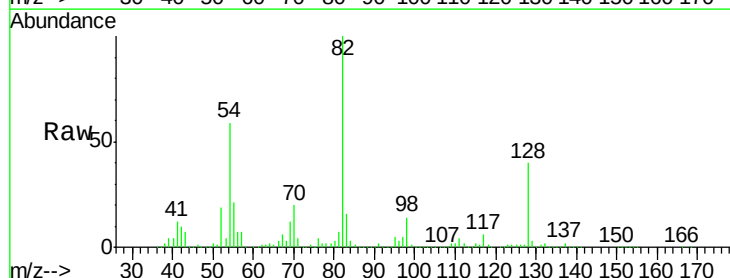
Tgt Ion: 82 Resp: 1452486

Ion Ratio Lower Upper

82 100

128 40.1 34.6 51.8

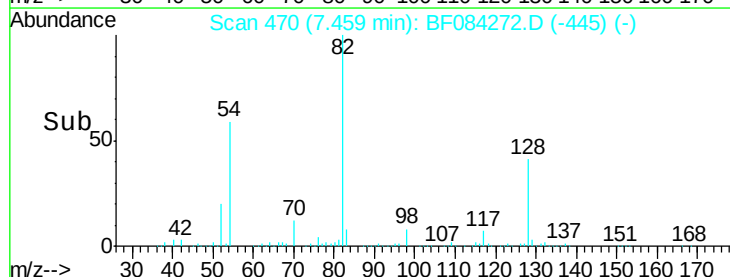
54 59.4 38.4 57.6#



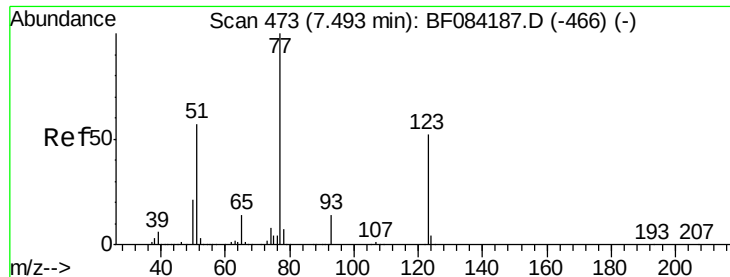
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



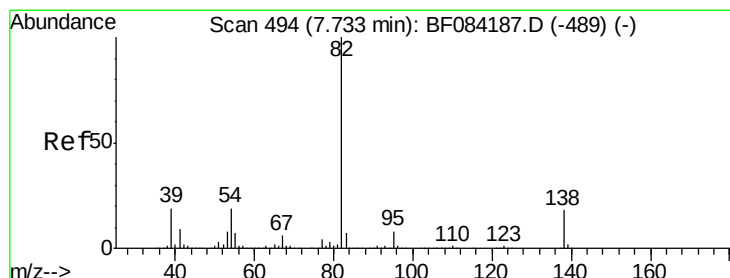
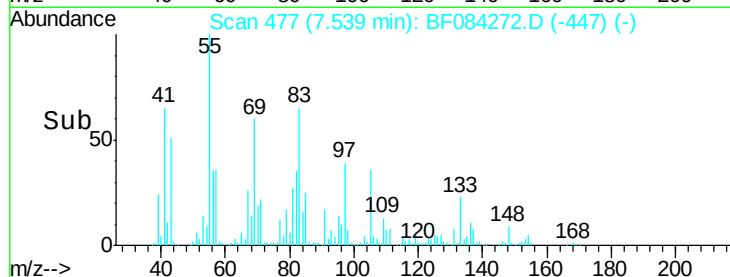
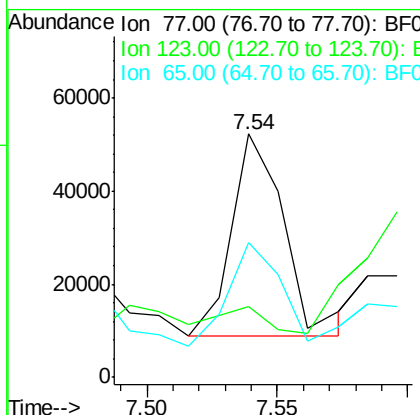
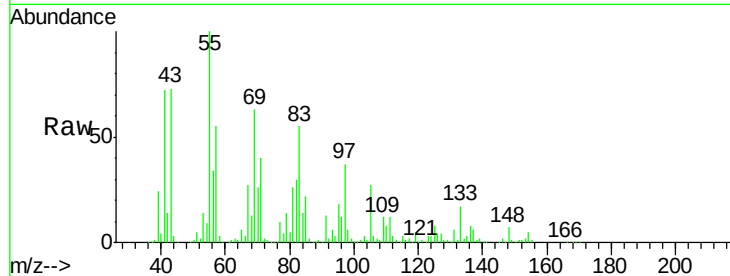
Time-->



#24
 Nitrobenzene
 Concen: 4.06 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.05 min
 Lab File: BF084272.D
 Acq: 5 Jan 2016 8:16

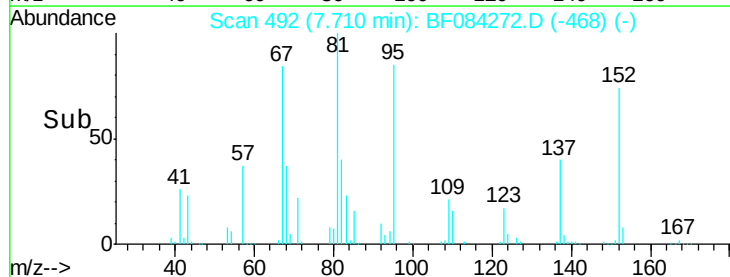
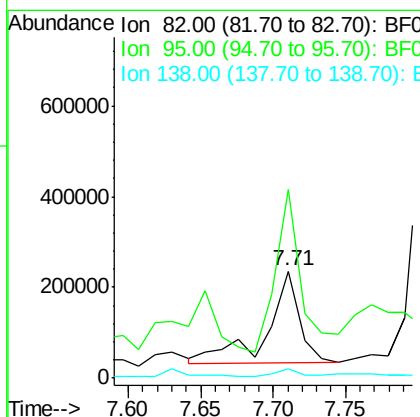
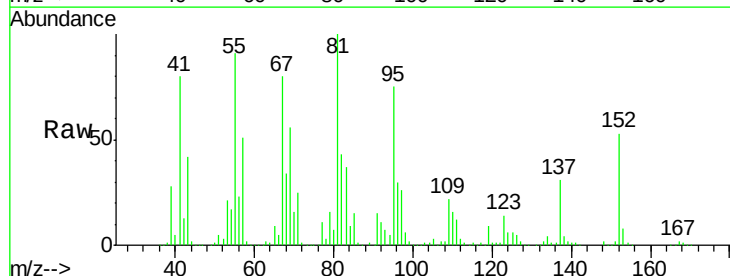
Instrument :
 BNA_F
 ClientSampled :

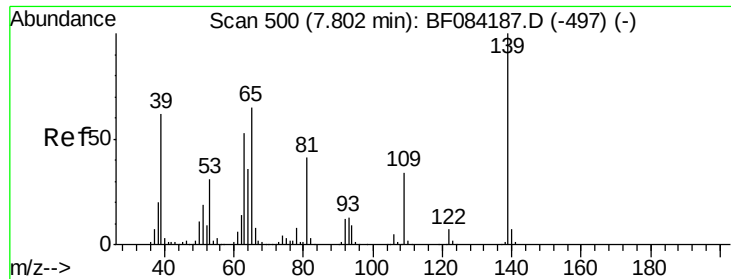
Tot Ion: 77 Resp: 61409
 Ion Ratio Lower Upper
 77 100
 123 28.9 37.4 56.2#
 65 55.3 10.9 16.3#



#25
 Isophorone
 Concen: 11.17 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.02 min
 Lab File: BF084272.D
 Acq: 5 Jan 2016 8:16

Tgt Ion: 82 Resp: 318846
 Ion Ratio Lower Upper
 82 100
 95 175.6 6.6 10.0#
 138 8.9 13.6 20.4#

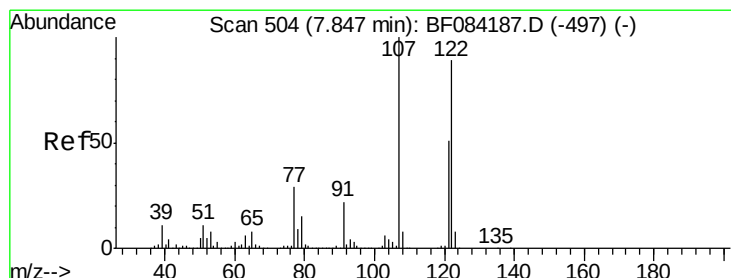
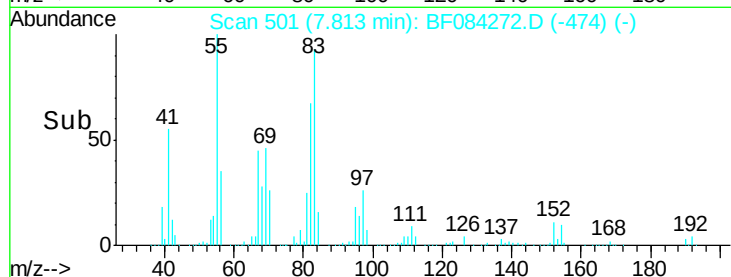
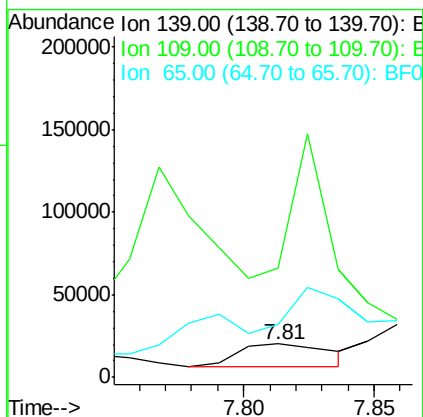
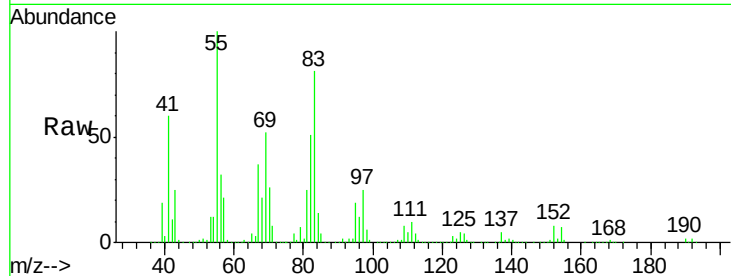




#26
2-Nitrophenol
Concen: 5.13 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.01 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

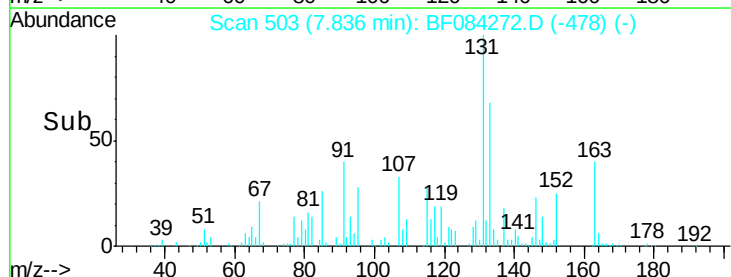
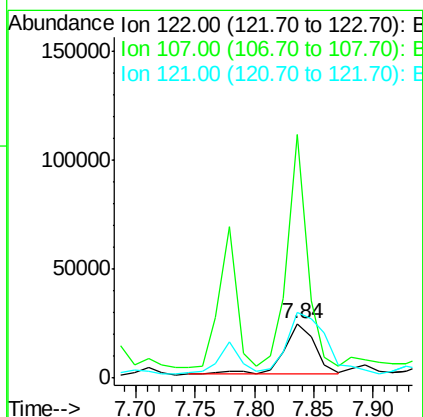
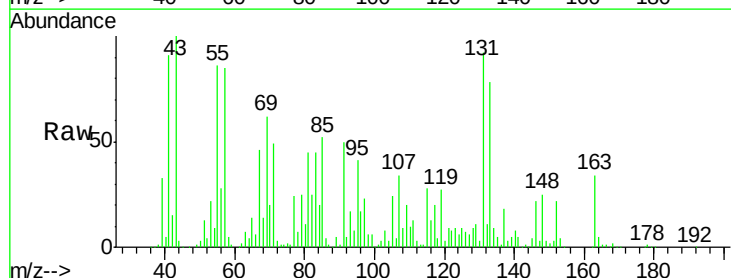
Instrument :
BNA_F
ClientSampled :

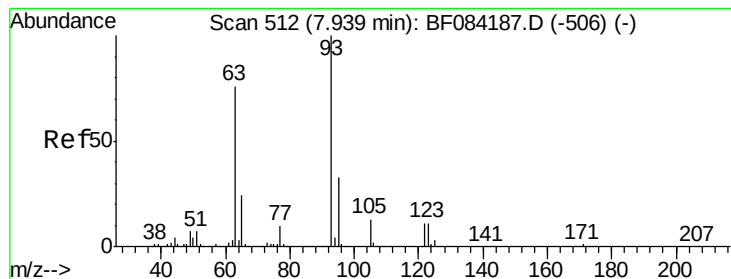
Tot Ion	Ratio	Lower	Upper
139	100		
109	326.1	25.4	38.2#
65	156.8	32.3	48.5#



#27
2,4-Dimethylphenol
Concen: 3.00 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

Tgt Ion	Ratio	Lower	Upper
122	100		
107	447.4	99.1	148.7#
121	121.6	47.9	71.9#





#28

bis(2-Chloroethoxy)methane

Concen: 2.28 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.01 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

Instrument :

BNA_F

ClientSampleId :

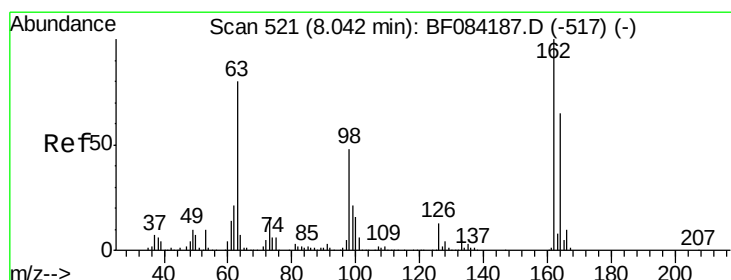
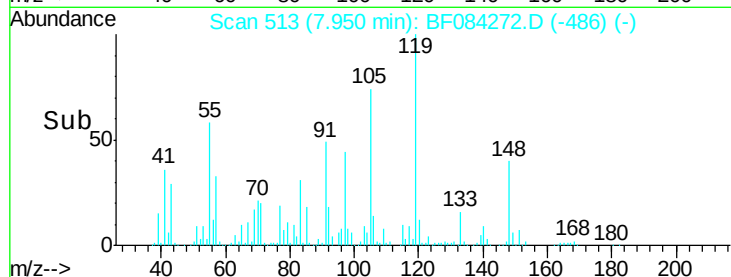
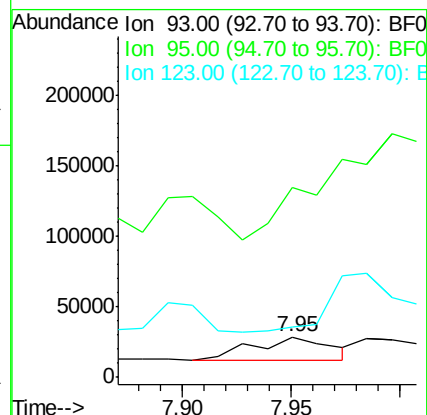
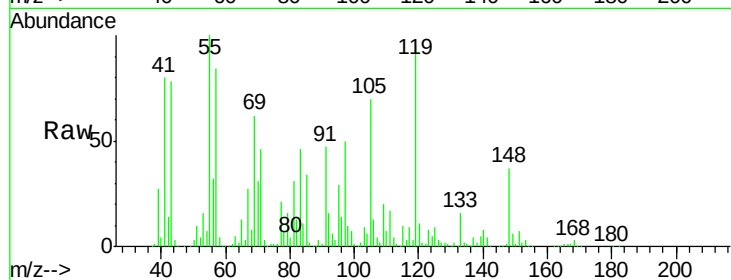
Tot Ion: 93 Resp: 39767

Ion Ratio Lower Upper

93 100

95 469.9 25.8 38.6#

123 123.7 8.6 12.8#



#29

2,4-Dichlorophenol

Concen: 3.37 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

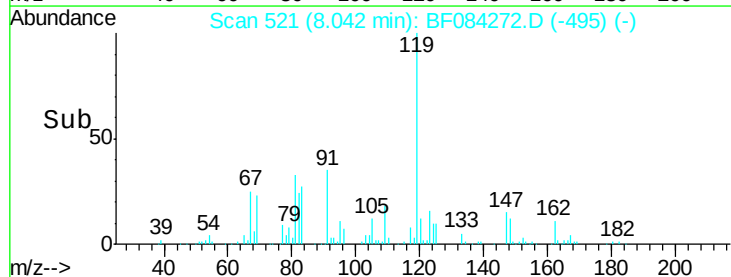
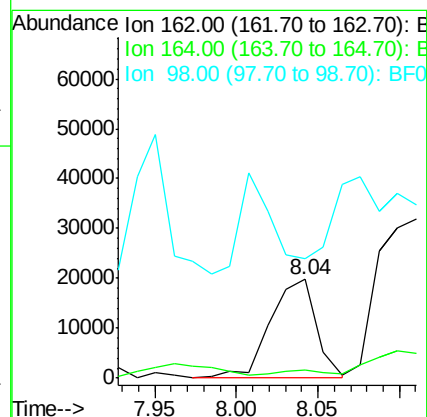
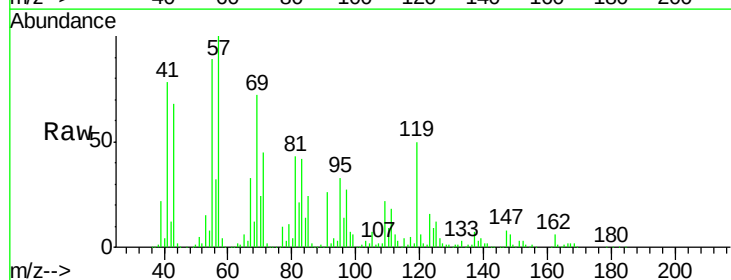
Tgt Ion: 162 Resp: 39081

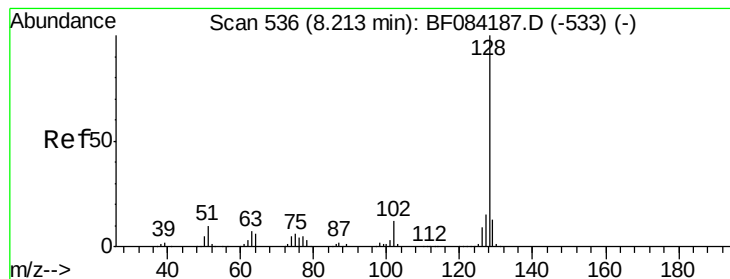
Ion Ratio Lower Upper

162 100

164 7.7 44.1 84.1#

98 120.7 20.2 60.2#





#31

Naphthalene

Concen: 4.94 ng

RT: 8.24 min Scan# 538

Delta R.T. 0.02 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

Instrument :

BNA_F

ClientSampleId :

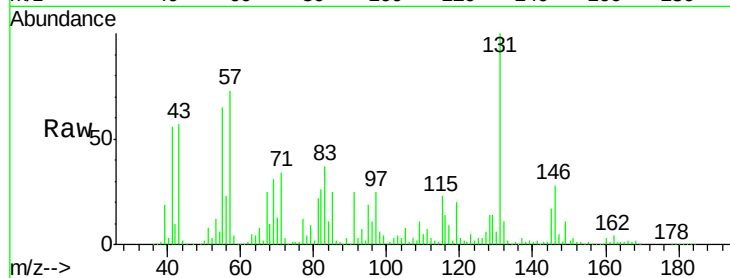
Tot Ion:128 Resp: 186064

Ion Ratio Lower Upper

128 100

129 101.6 9.1 13.7#

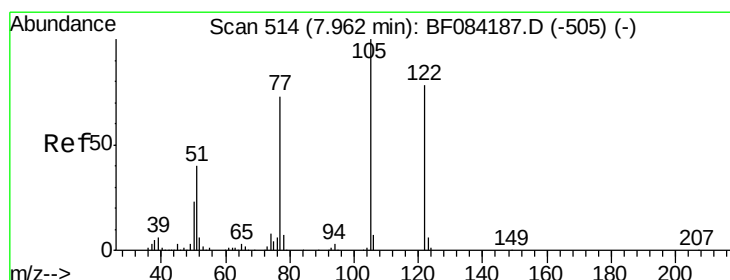
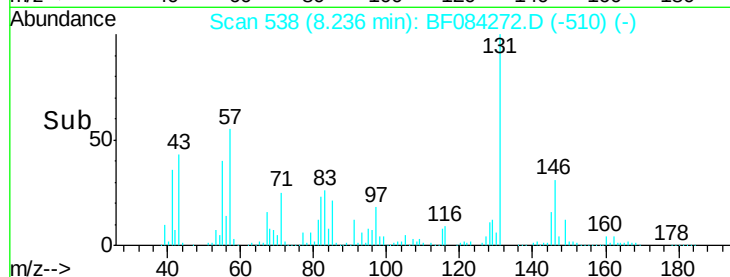
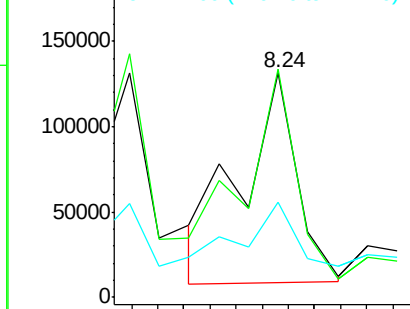
127 42.2 11.1 16.7#



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: 9.72 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.02 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

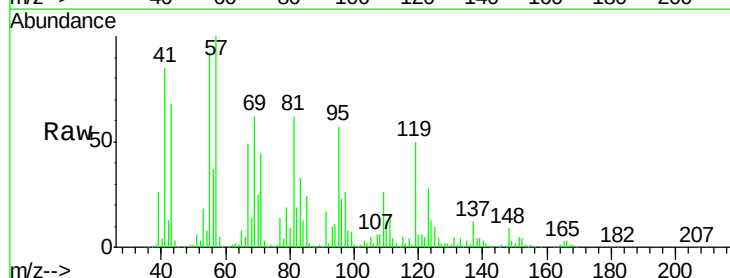
Tgt Ion:122 Resp: 35763

Ion Ratio Lower Upper

122 100

105 105.8 100.3 140.3

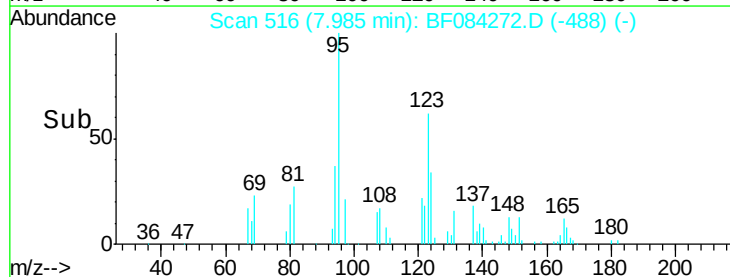
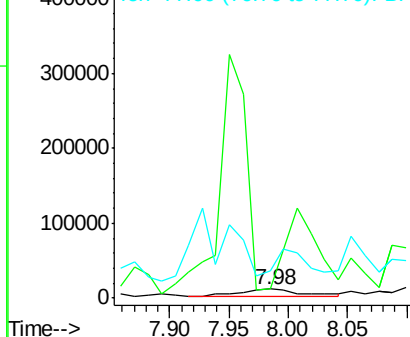
77 296.0 63.5 103.5#

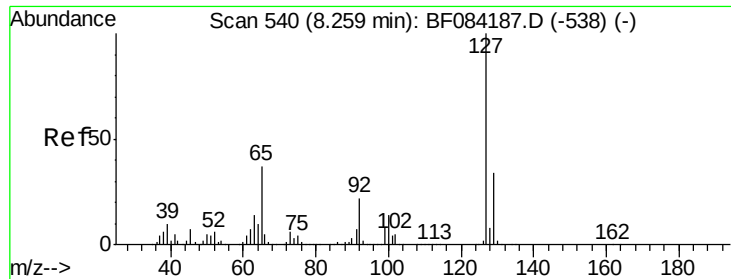


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

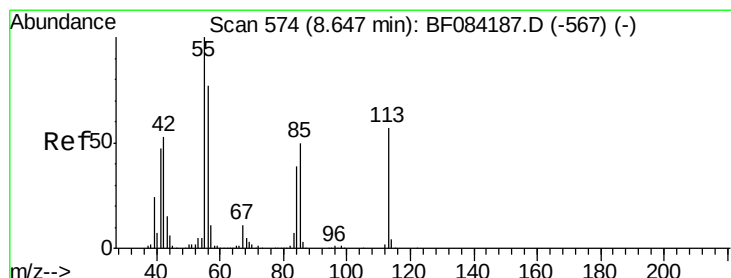
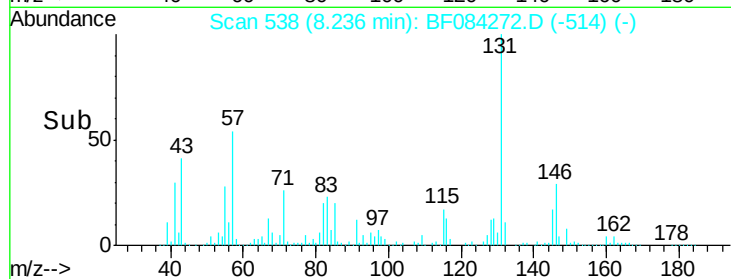
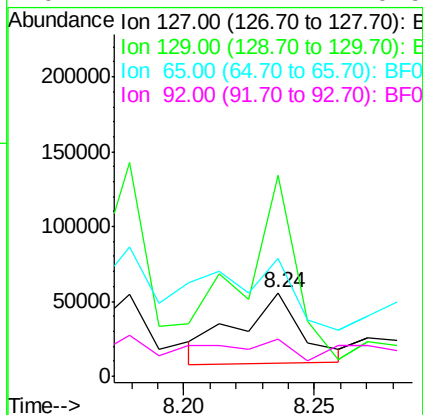
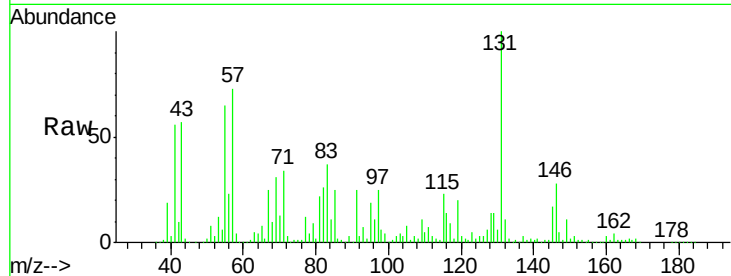




#33
4-Chloroaniline
Concen: 4.70 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

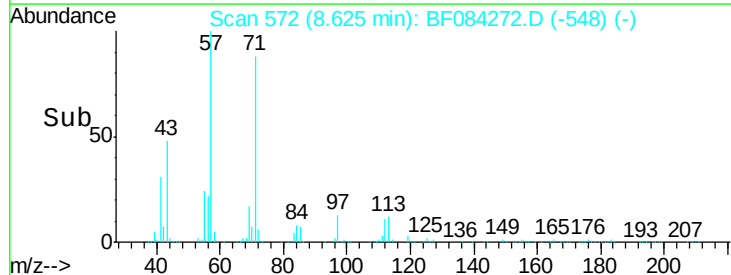
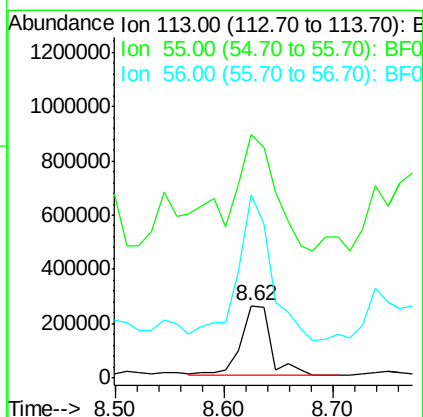
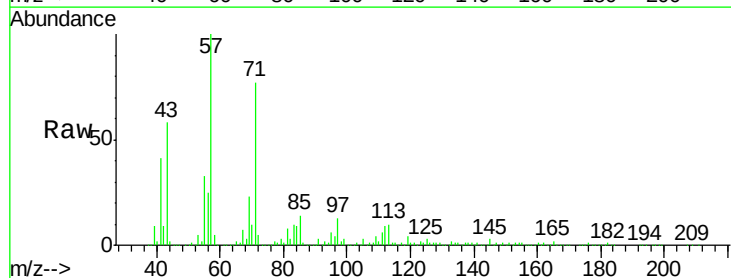
Instrument :
BNA_F
ClientSampleId :

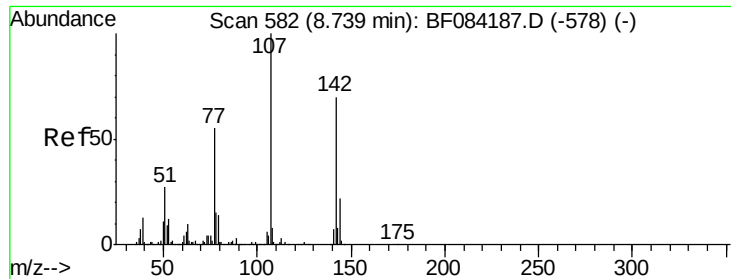
Tot Ion:	127	Resp:	81112
Ion	Ratio	Lower	Upper
127	100		
129	240.4	26.5	39.7#
65	141.6	27.2	40.8#
92	44.7	17.7	26.5#



#35
Caprolactam
Concen: 124.14 ng
RT: 8.62 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

Tgt Ion:	113	Resp:	485985
Ion	Ratio	Lower	Upper
113	100		
55	336.0	116.9	156.9#
56	252.9	93.8	133.8#

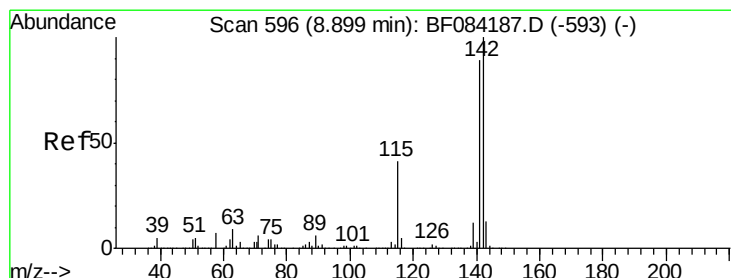
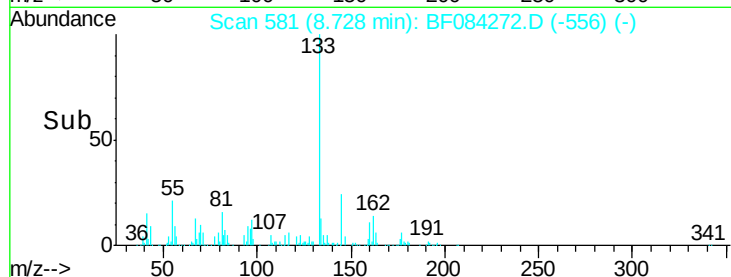
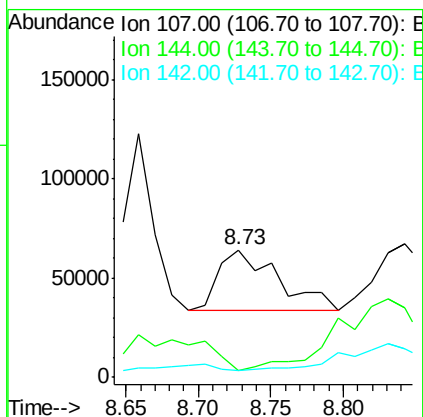
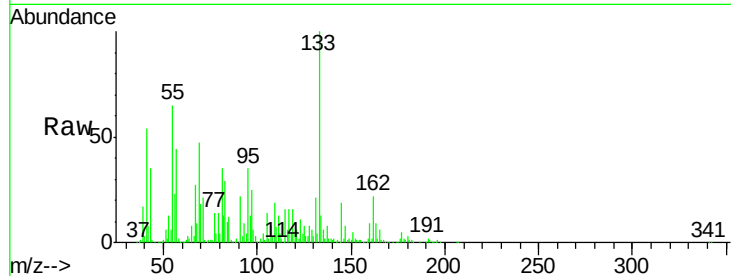




#36
4-Chloro-3-methylphenol
Concen: 6.78 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

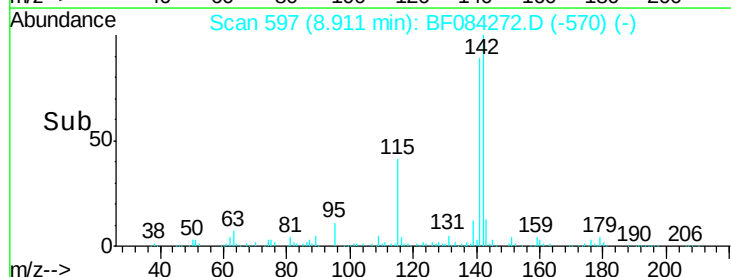
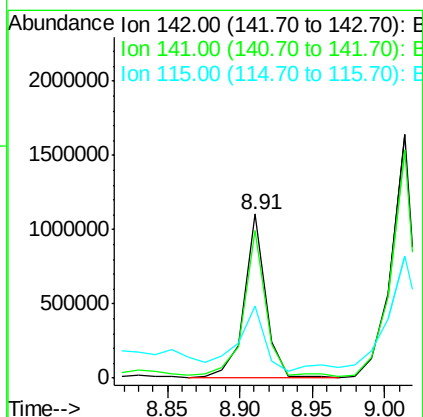
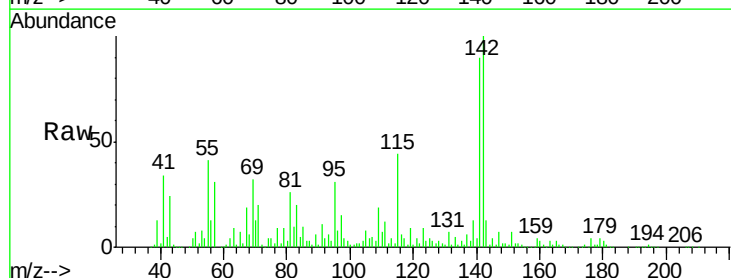
Instrument :
BNA_F
ClientSampleId :

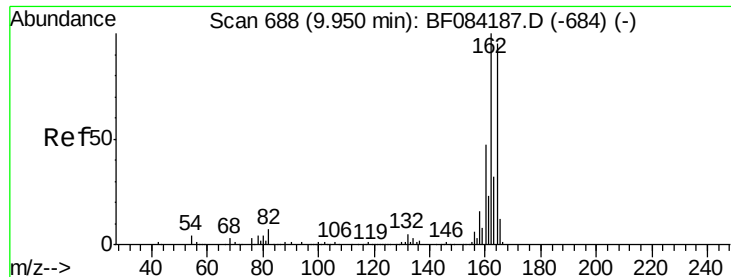
Tot Ion:107 Resp: 88158
Ion Ratio Lower Upper
107 100
144 5.8 19.7 29.5#
142 5.6 61.8 92.6#



#37
2-Methylnaphthalene
Concen: 41.20 ng
RT: 8.91 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

Tgt Ion:142 Resp: 1114254
Ion Ratio Lower Upper
142 100
141 89.9 72.4 108.6
115 44.3 27.9 41.9#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

Instrument :

BNA_F

ClientSampled :

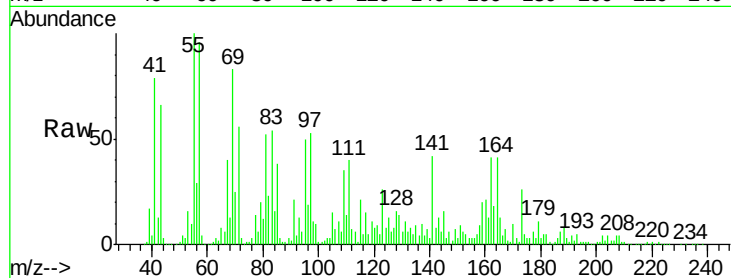
Tot Ion:164 Resp: 319590

Ion Ratio Lower Upper

164 100

162 100.8 85.1 127.7

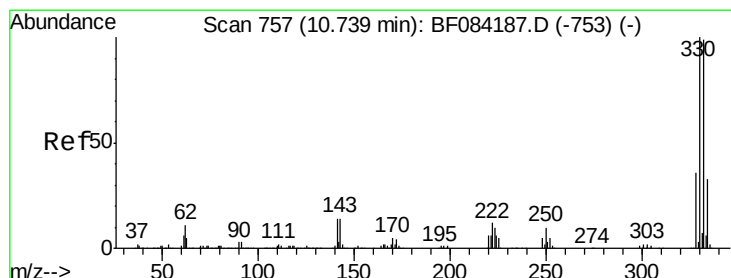
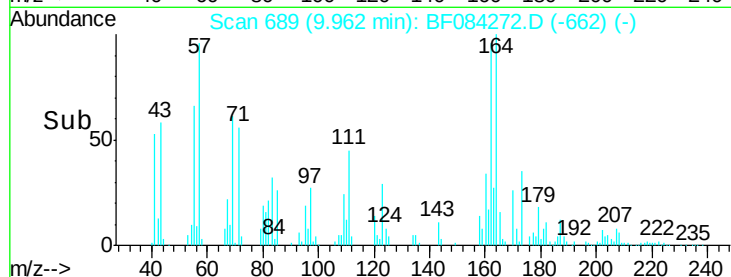
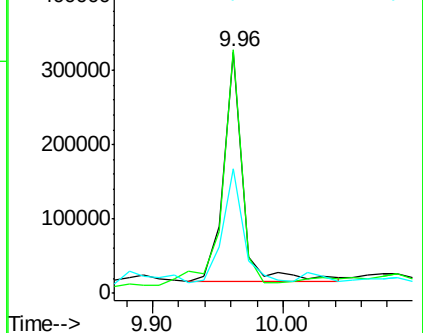
160 51.7 37.5 56.3



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



#41

2,4,6-Tribromophenol

Concen: 81.82 ng

RT: 10.76 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

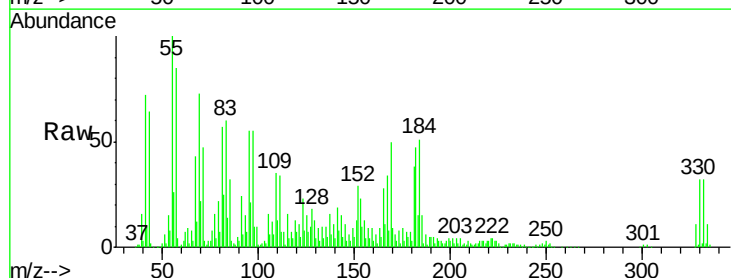
Tgt Ion:330 Resp: 263986

Ion Ratio Lower Upper

330 100

332 96.9 76.6 114.8

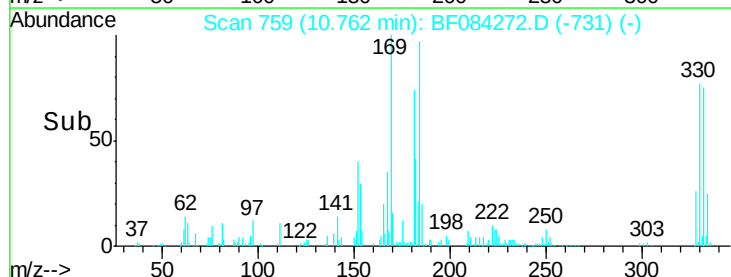
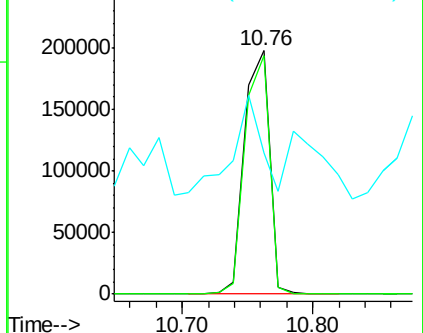
141 43.8 27.8 41.6#

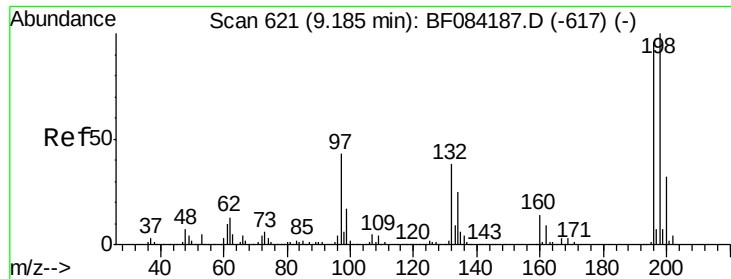


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

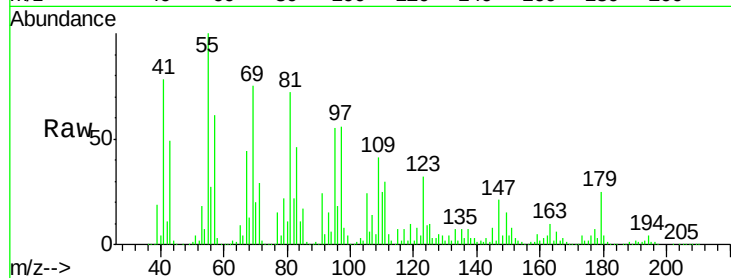




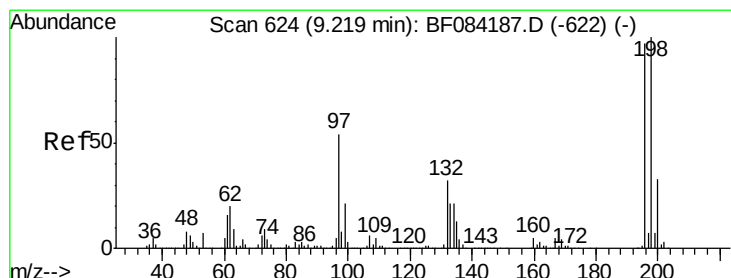
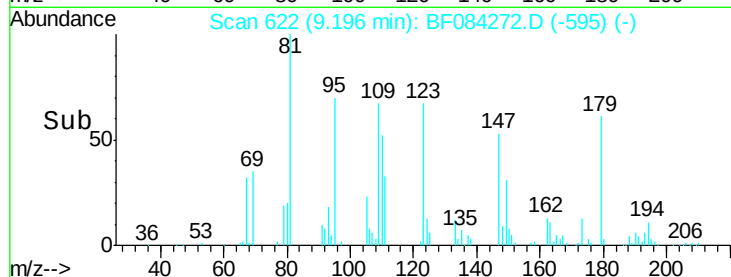
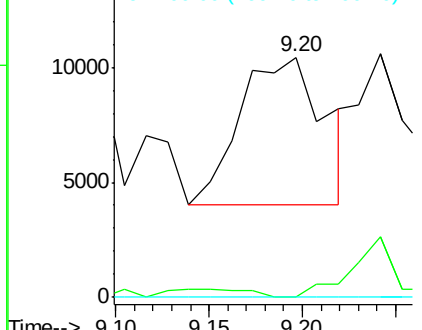
#42
 2,4,6-Trichlorophenol
 Concen: 2.96 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.01 min
 Lab File: BF084272.D
 Acq: 5 Jan 2016 8:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 20343
 Ion Ratio Lower Upper
 196 100
 198 0.0 77.7 116.5#
 200 0.0 24.6 37.0#

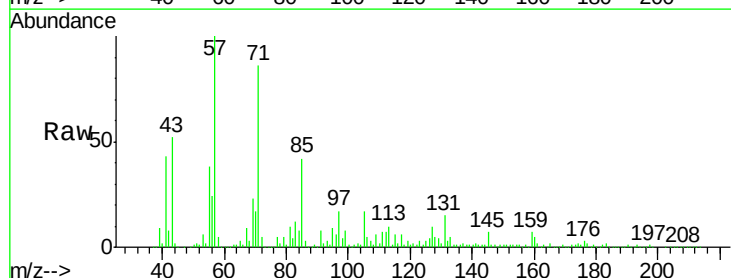


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

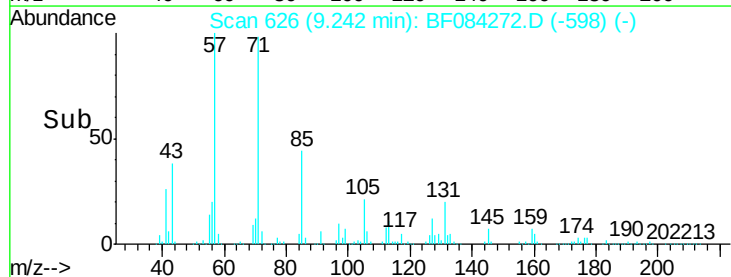
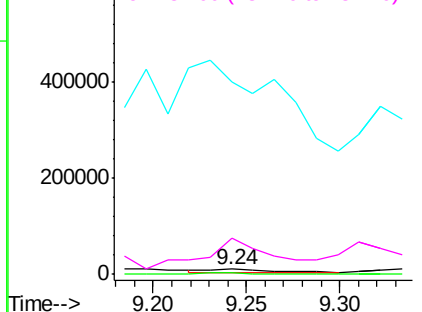


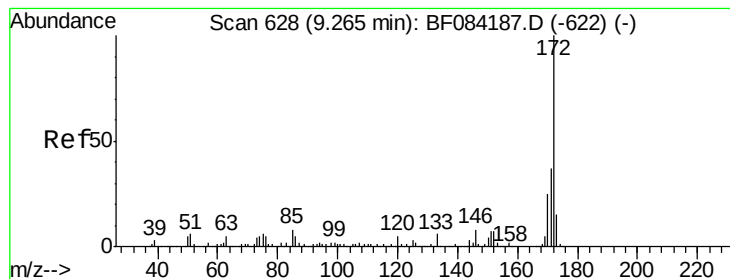
#43
 2,4,5-Trichlorophenol
 Concen: 2.83 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.02 min
 Lab File: BF084272.D
 Acq: 5 Jan 2016 8:16

Tgt Ion:196 Resp: 18664
 Ion Ratio Lower Upper
 196 100
 198 25.0 79.0 118.6#
 97 3775.3 33.0 49.6#
 132 700.2 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: 100.05 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.01 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

Instrument :

BNA_F

ClientSampled :

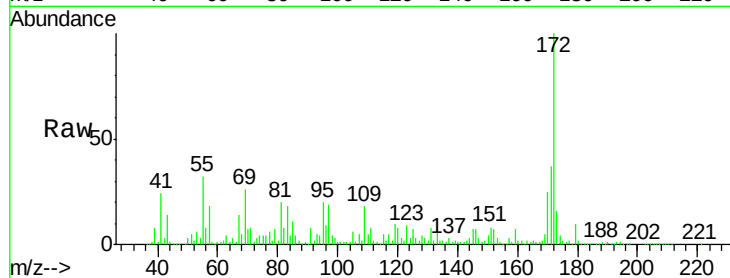
Tot Ion:172 Resp: 1797294

Ion Ratio Lower Upper

172 100

171 37.3 28.9 43.3

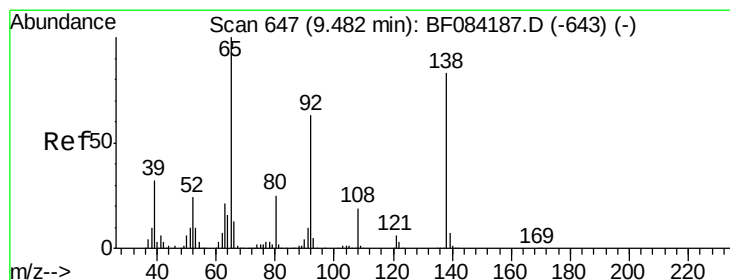
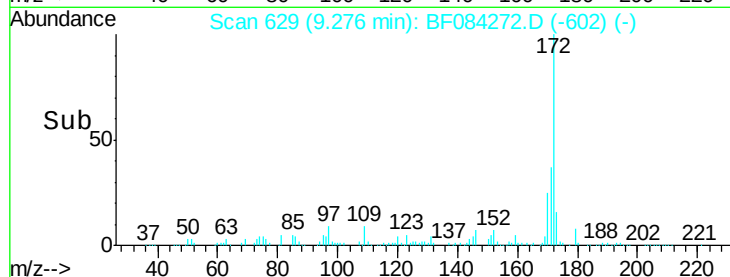
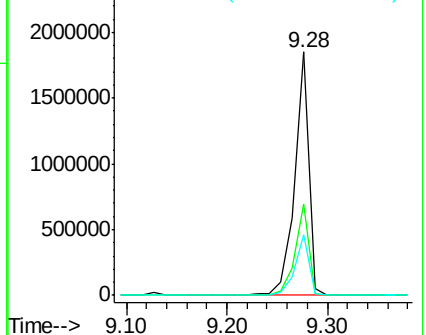
170 25.1 18.6 27.8



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



#47

2-Nitroaniline

Concen: 7.41 ng

RT: 9.50 min Scan# 649

Delta R.T. 0.02 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

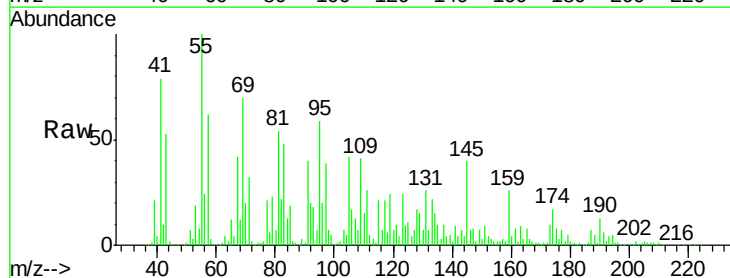
Tgt Ion: 65 Resp: 48805

Ion Ratio Lower Upper

65 100

92 165.4 53.4 80.2#

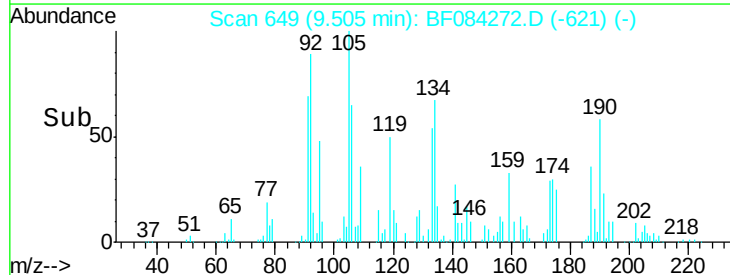
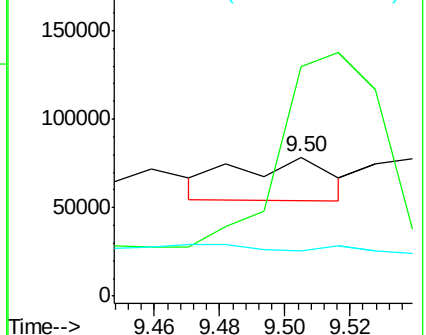
138 32.4 71.1 106.7#

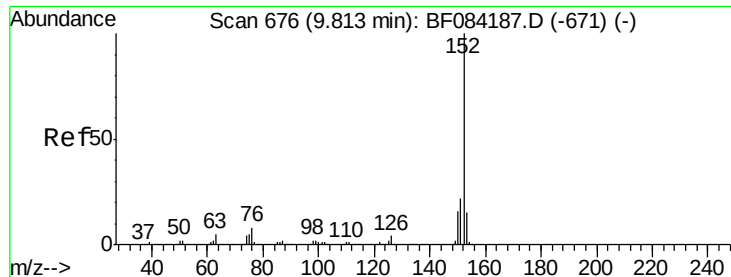


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 4.76 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.01 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

Instrument :

BNA_F

ClientSampleId :

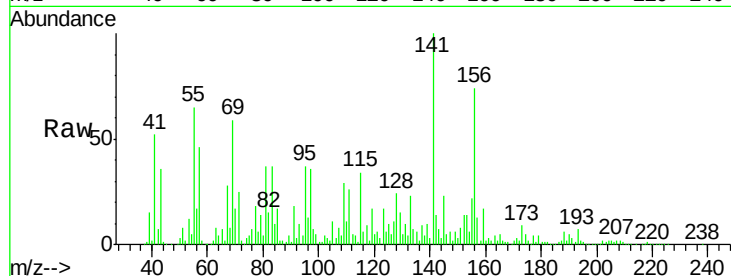
Tot Ion:152 Resp: 140348

Ion Ratio Lower Upper

152 100

151 59.1 16.3 24.5#

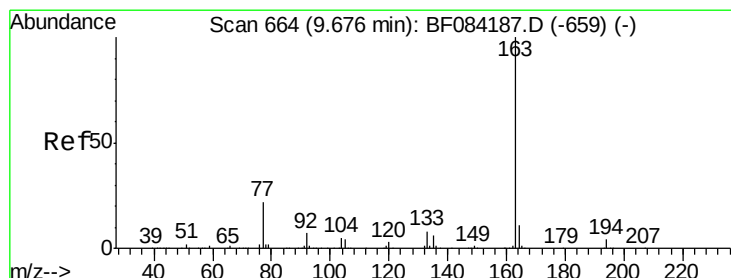
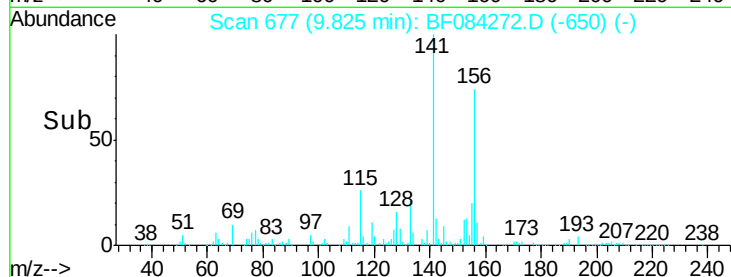
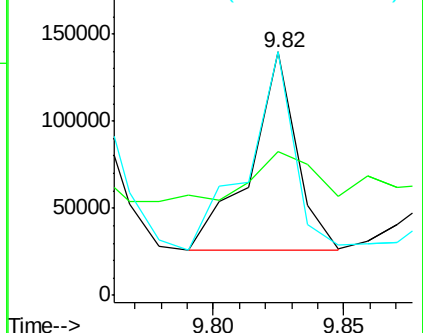
153 100.1 10.4 15.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 15.27 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

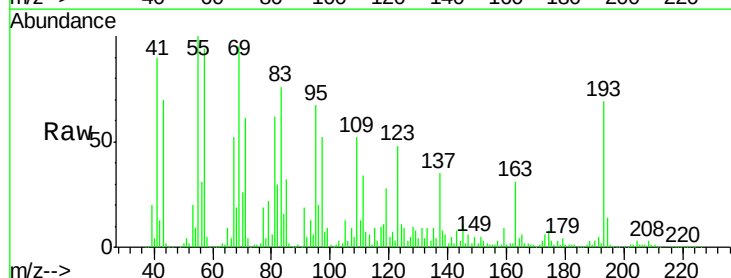
Tgt Ion:163 Resp: 348781

Ion Ratio Lower Upper

163 100

194 44.2 8.0 12.0#

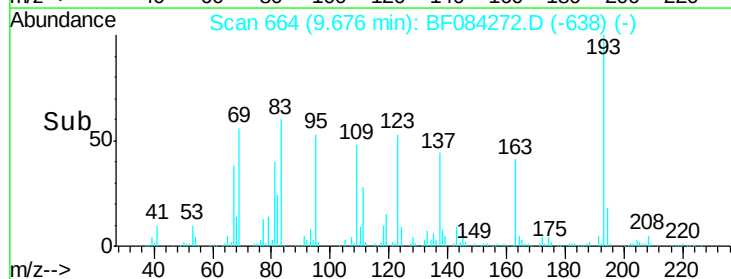
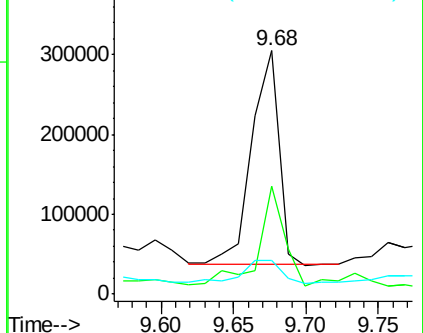
164 14.1 8.0 12.0#

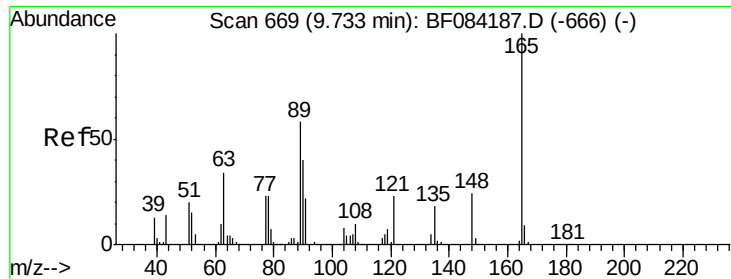


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

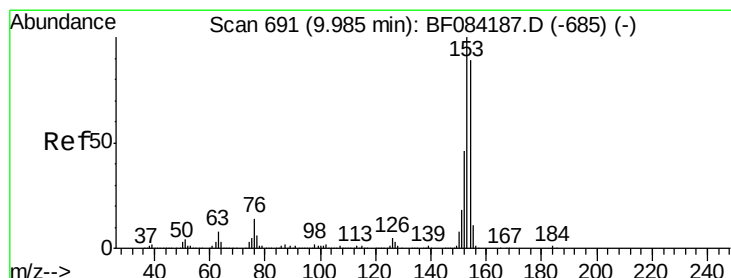
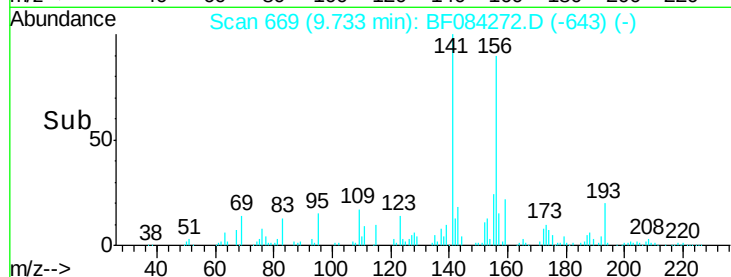
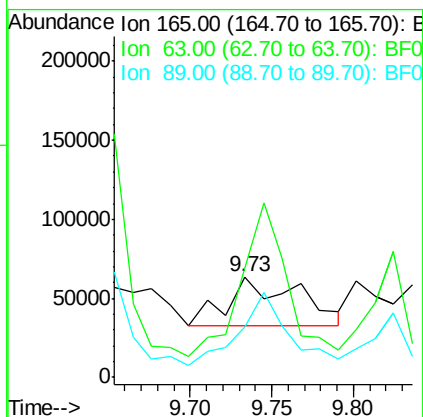
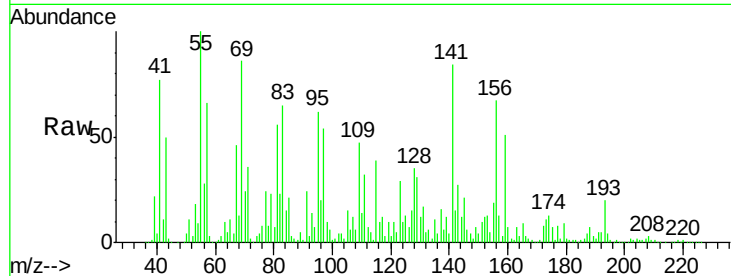




#50
2,6-Dinitrotoluene
Concen: 18.43 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

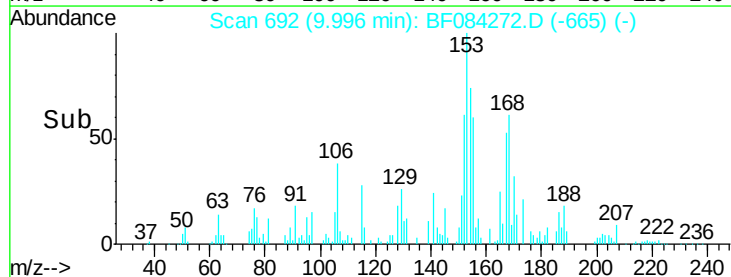
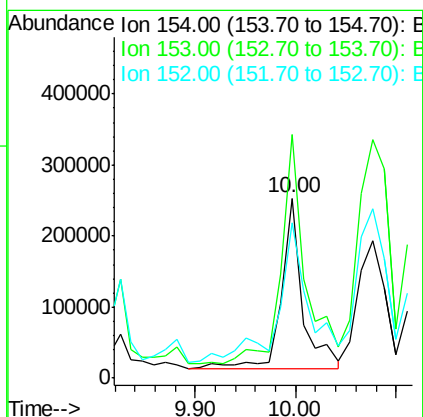
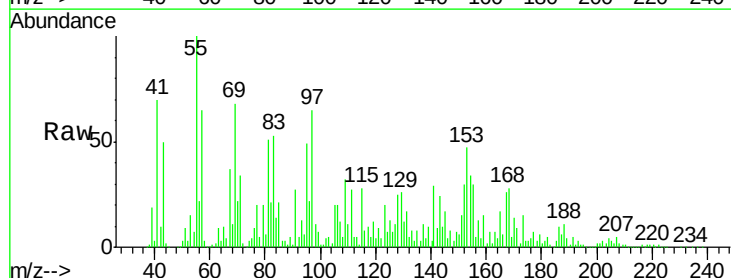
Instrument :
BNA_F
ClientSampleId :

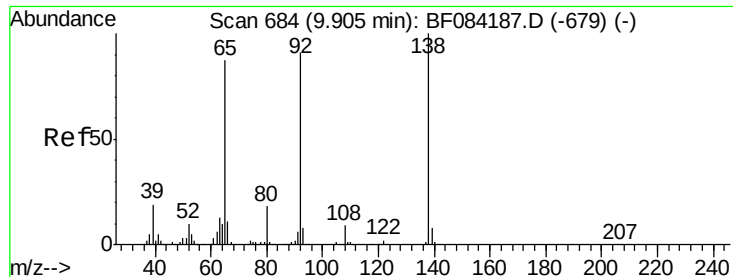
Tot Ion:165 Resp: 92329
Ion Ratio Lower Upper
165 100
63 109.5 28.8 43.2#
89 50.5 35.1 52.7



#51
Acenaphthene
Concen: 17.75 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

Tgt Ion:154 Resp: 351047
Ion Ratio Lower Upper
154 100
153 135.4 91.5 137.3
152 86.1 43.0 64.6#





#52

3-Nitroaniline

Concen: 16.27 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

Instrument :

BNA_F

ClientSampleId :

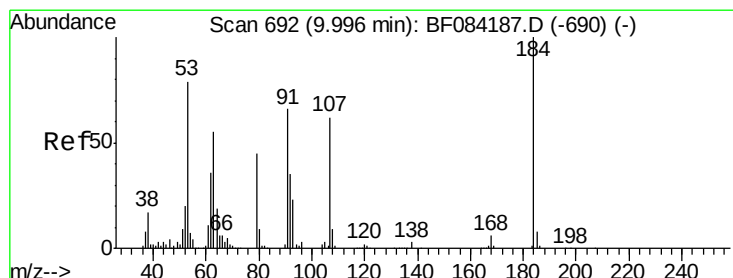
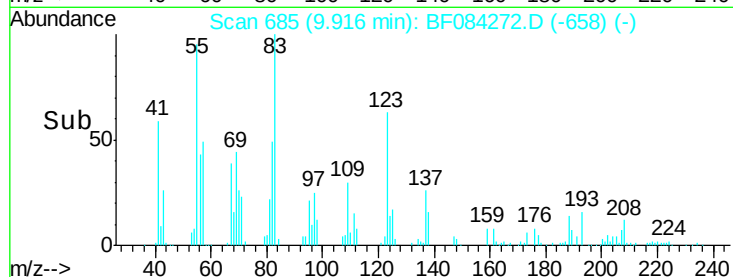
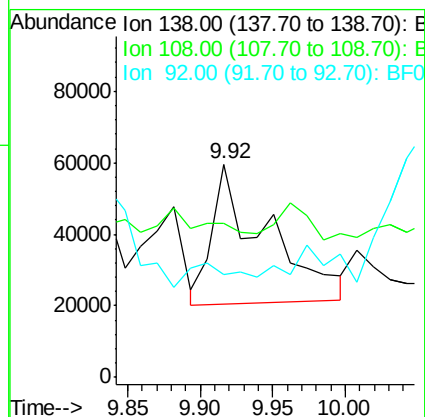
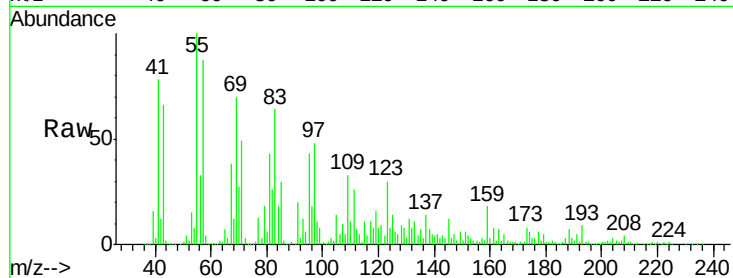
Tot Ion:138 Resp: 101028

Ion Ratio Lower Upper

138 100

108 72.2 10.5 15.7#

92 48.3 103.9 155.9#



#53

2,4-Dinitrophenol

Concen: 31.62 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.25 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

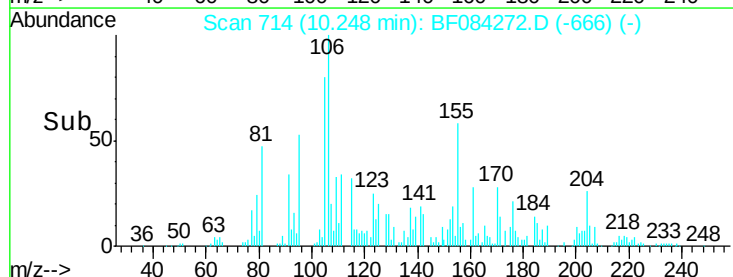
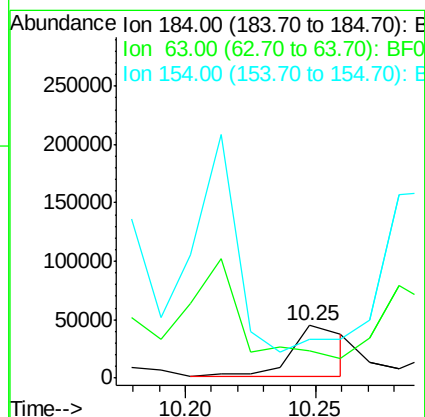
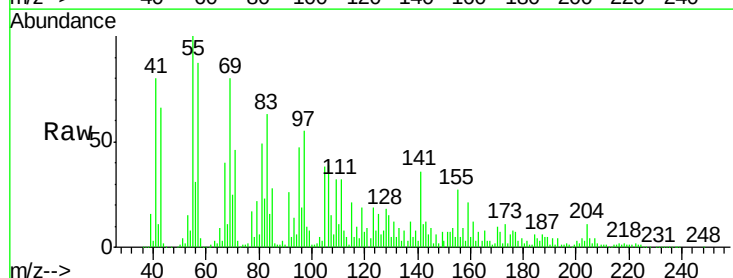
Tgt Ion:184 Resp: 62686

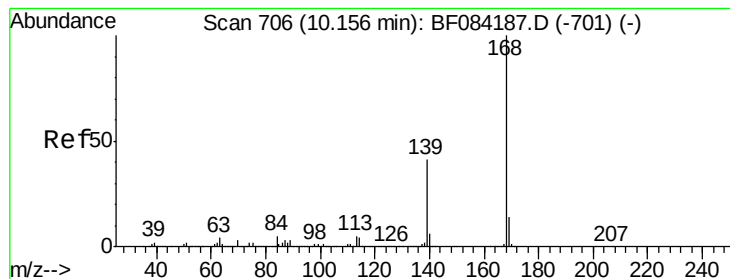
Ion Ratio Lower Upper

184 100

63 52.6 43.1 64.7

154 73.9 60.5 90.7





#54

Dibenzofuran

Concen: 7.29 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

Instrument :

BNA_F

ClientSampled :

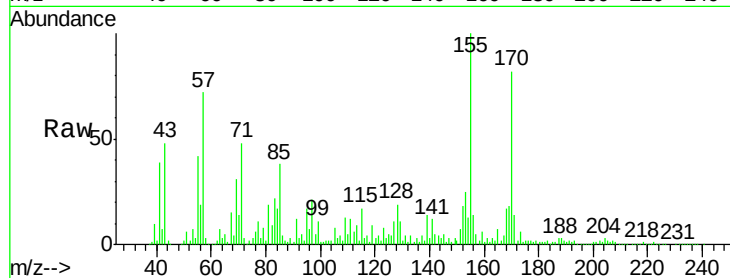
Tot Ion:168 Resp: 250340

Ion Ratio Lower Upper

168 100

139 79.8 30.5 45.7#

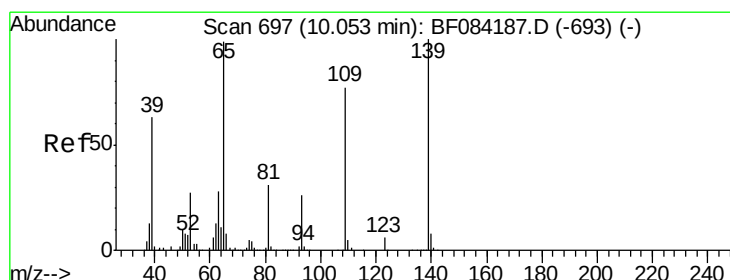
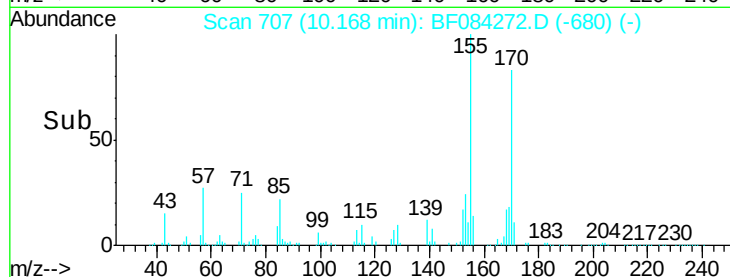
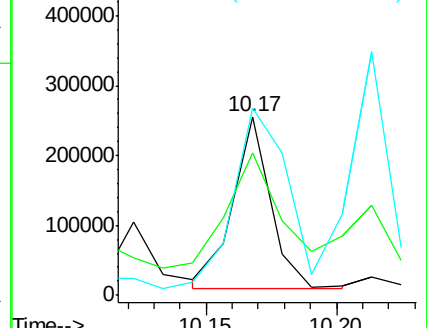
169 104.7 10.4 15.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 54.35 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.02 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

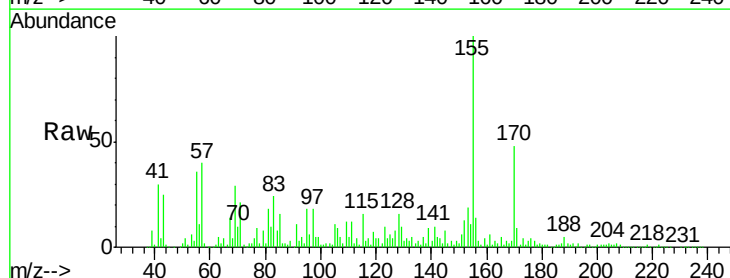
Tgt Ion:139 Resp: 244944

Ion Ratio Lower Upper

139 100

109 144.3 58.5 98.5#

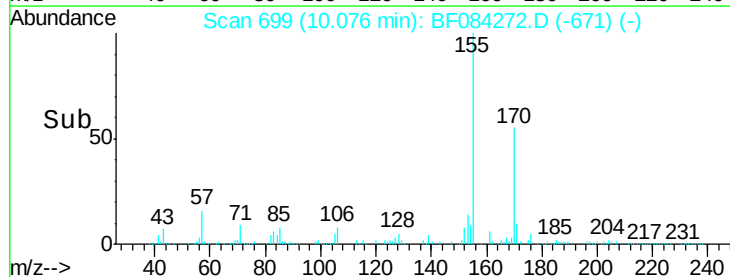
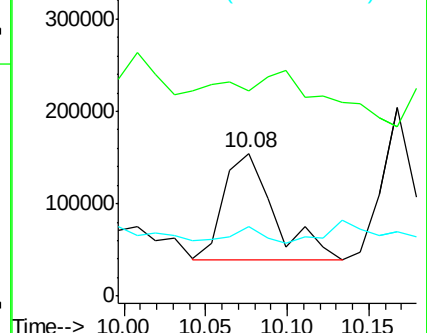
65 48.8 57.6 97.6#

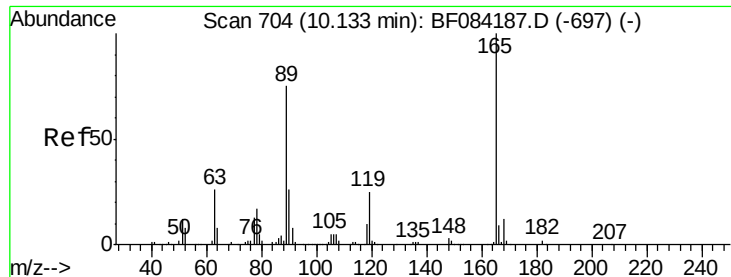


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

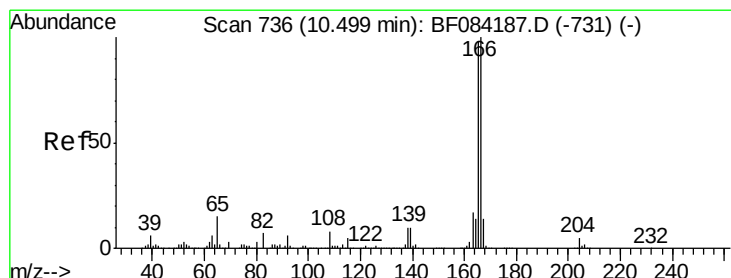
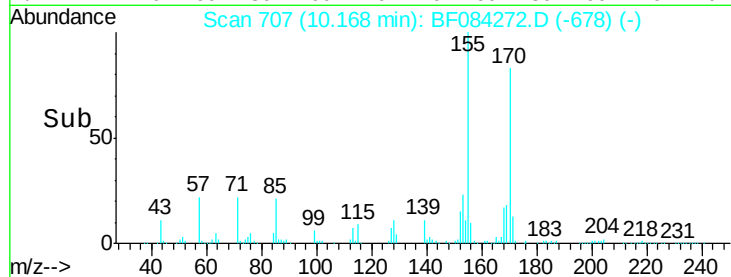
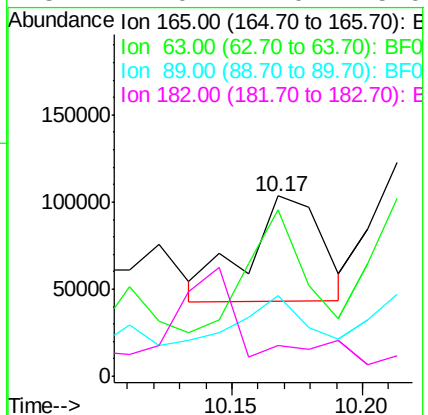
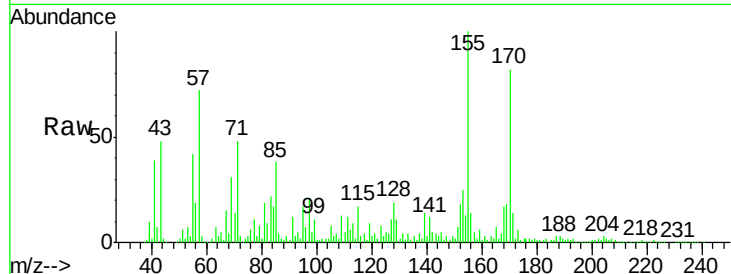




#56
2,4-Dinitrotoluene
Concen: 18.82 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.03 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

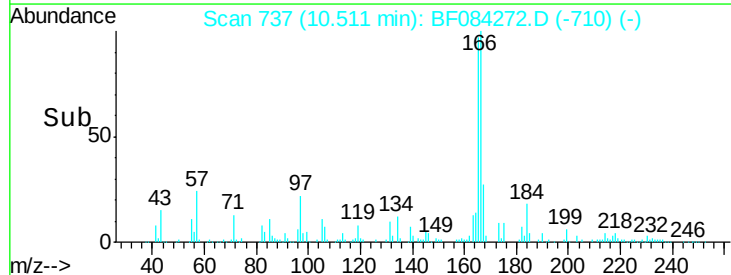
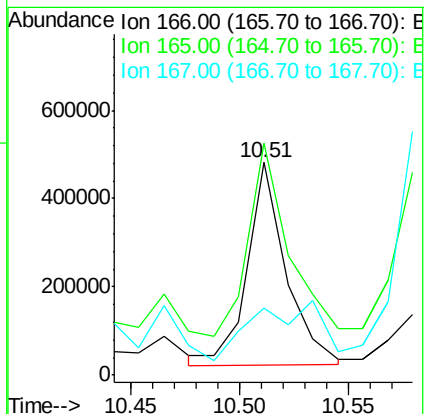
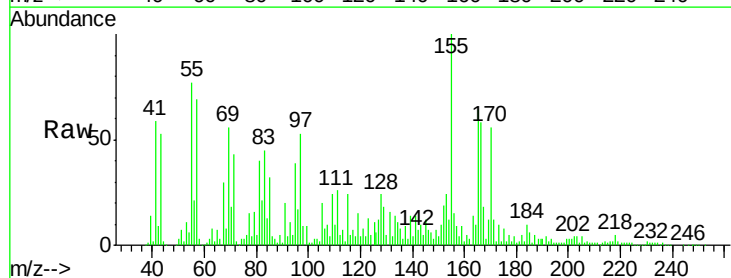
Instrument :
BNA_F
ClientSampleId :

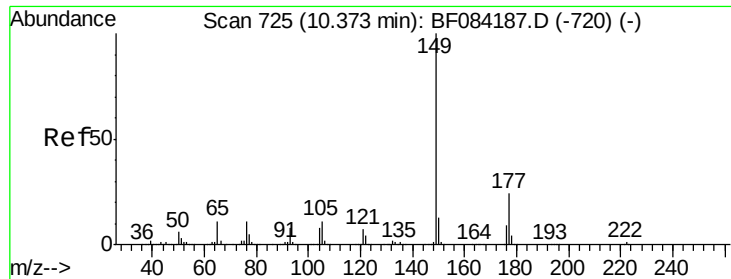
Tot Ion:165 Resp: 119369
Ion Ratio Lower Upper
165 100
63 92.5 36.7 55.1#
89 44.7 61.9 92.9#
182 17.0 2.0 3.0#



#57
Fluorene
Concen: 27.85 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

Tgt Ion:166 Resp: 569403
Ion Ratio Lower Upper
166 100
165 109.5 79.1 118.7
167 31.4 10.4 15.6#

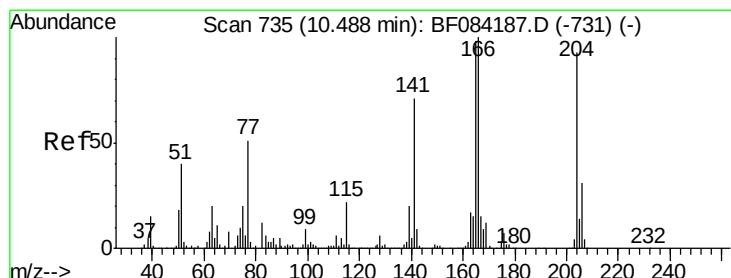
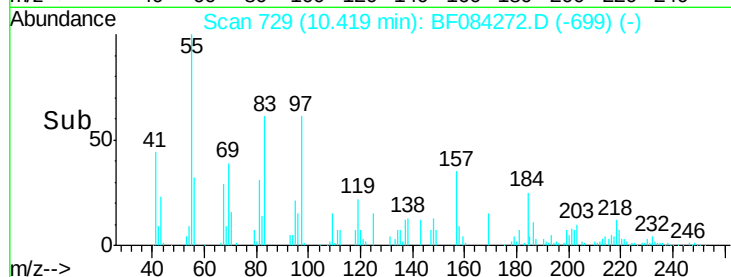
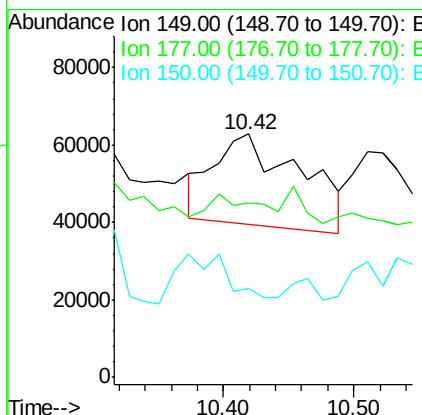
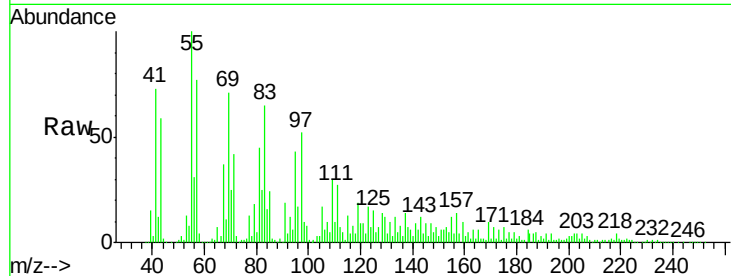




#59
Diethylphthalate
Concen: 4.80 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.05 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

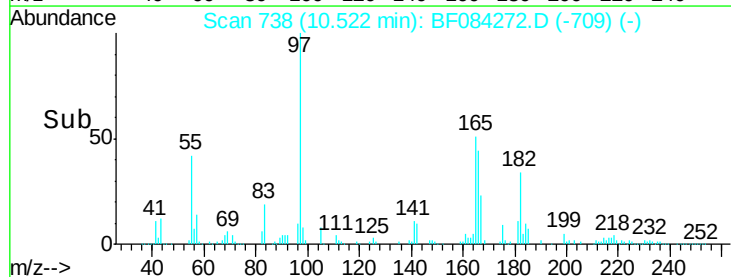
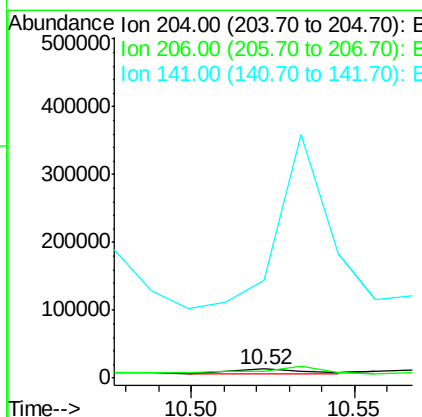
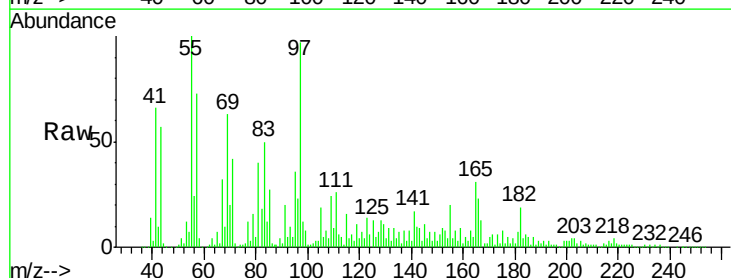
Instrument :
BNA_F
ClientSampled :

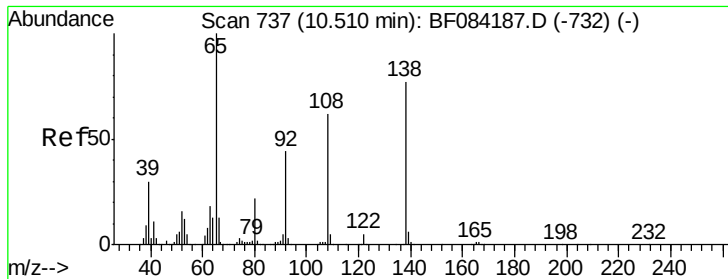
Tot Ion:149 Resp: 108159
Ion Ratio Lower Upper
149 100
177 71.7 17.3 25.9#
150 36.2 9.8 14.8#



#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.52 min Scan# 738
Delta R.T. 0.04 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

Tgt Ion:204 Resp: 10081
Ion Ratio Lower Upper
204 100
206 74.8 25.7 38.5#
141 1067.0 55.1 82.7#

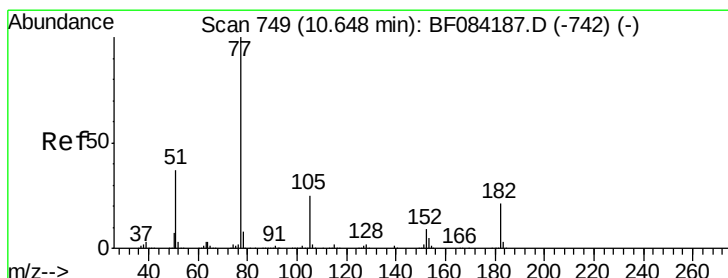
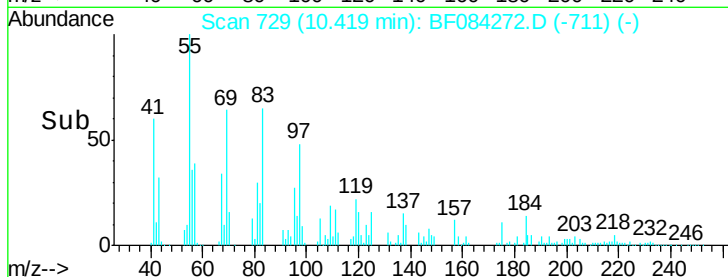
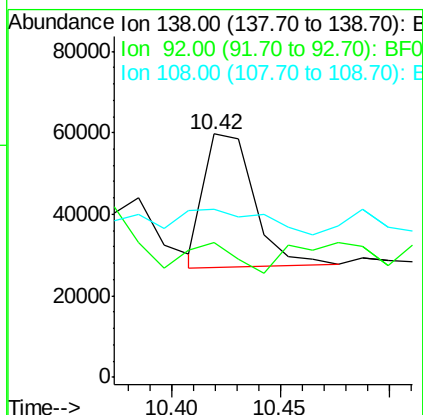
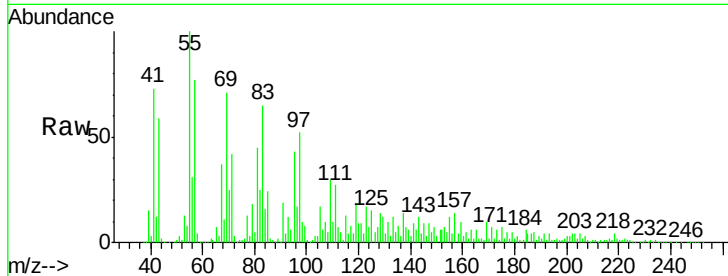




#61
4-Nitroaniline
Concen: 9.37 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.09 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

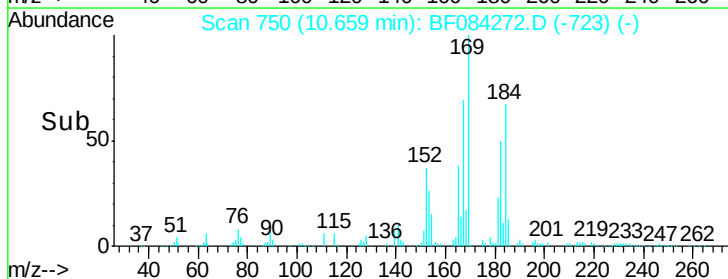
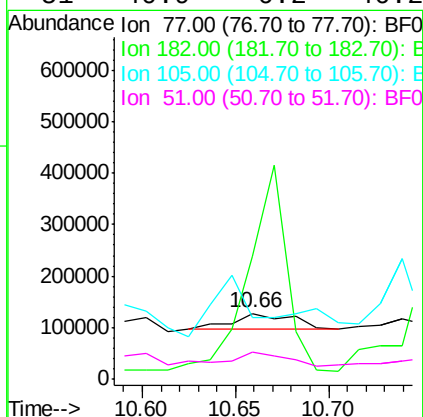
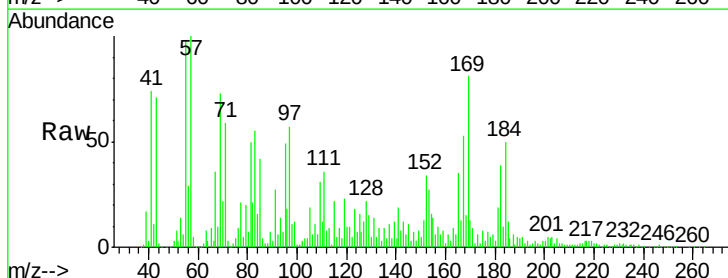
Instrument :
BNA_F
ClientSampleId :

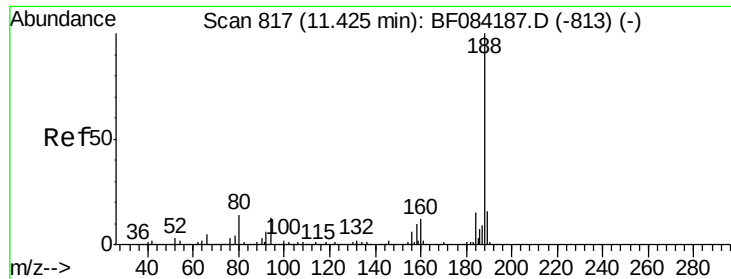
Tot Ion:138 Resp: 51865
Ion Ratio Lower Upper
138 100
92 55.6 32.6 72.6
108 69.0 68.6 108.6



#62
Azobenzene
Concen: 2.76 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

Tgt Ion: 77 Resp: 68252
Ion Ratio Lower Upper
77 100
182 187.8 8.3 48.3#
105 93.6 4.6 44.6#
51 40.9 6.2 46.2

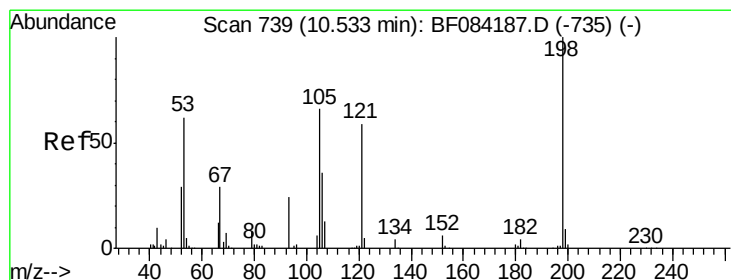
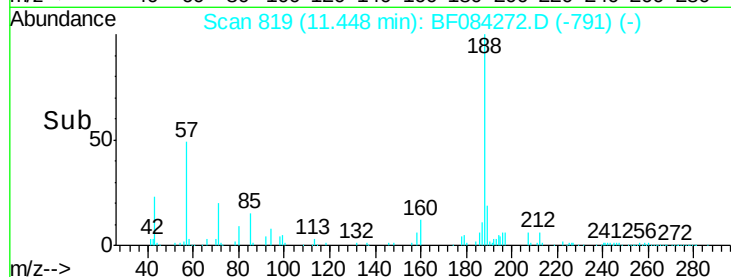
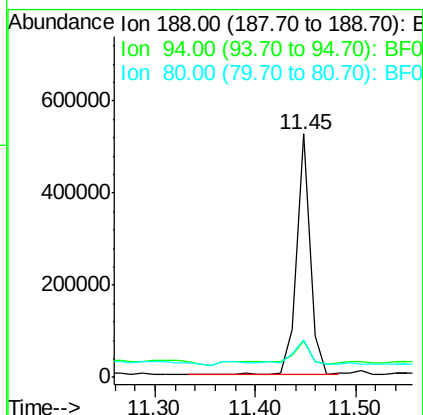
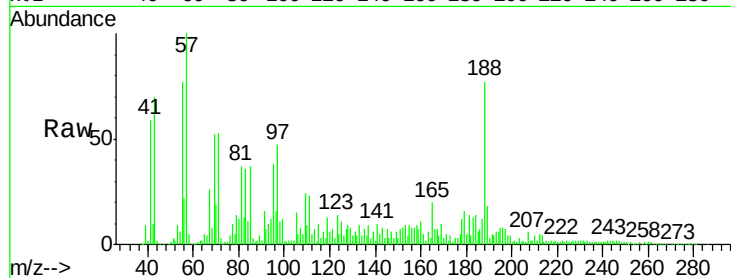




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.02 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

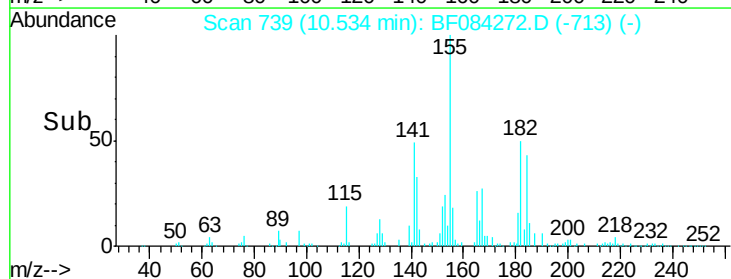
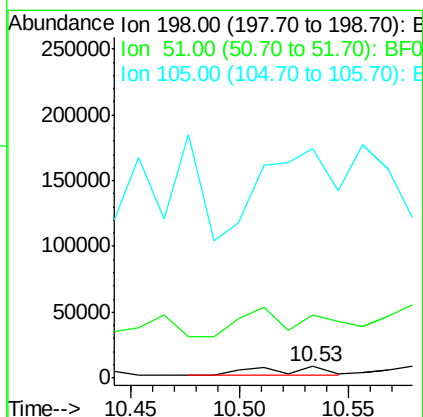
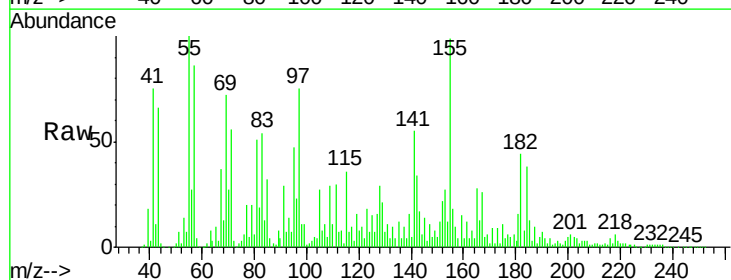
Instrument :
BNA_F
ClientSampleId :

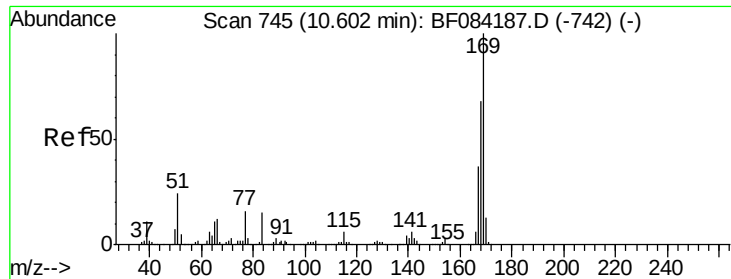
Tot Ion:188 Resp: 490451
Ion Ratio Lower Upper
188 100
94 15.0 9.0 13.4#
80 15.2 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 9.72 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

Tgt Ion:198 Resp: 13478
Ion Ratio Lower Upper
198 100
51 552.1 18.9 58.9#
105 1991.8 26.4 66.4#





#65

n-Nitrosodiphenylamine

Concen: 75.11 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

Instrument :

BNA_F

ClientSampleId :

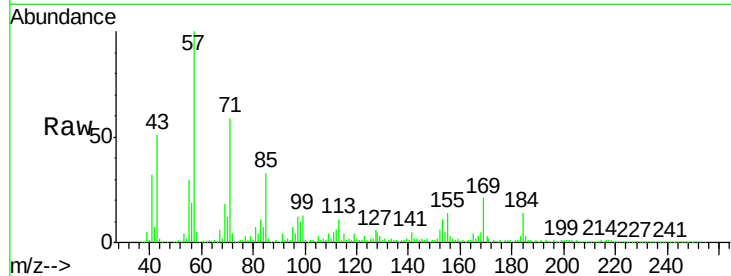
Tot Ion:169 Resp: 1177875

Ion Ratio Lower Upper

169 100

168 22.7 55.1 82.7#

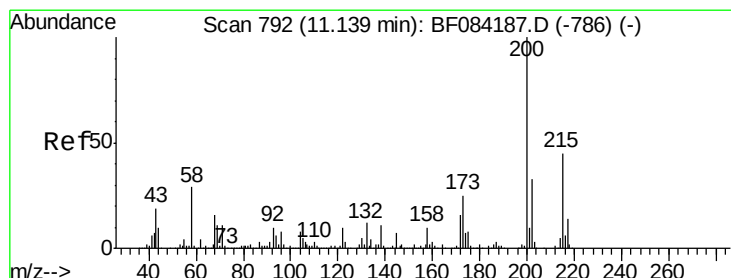
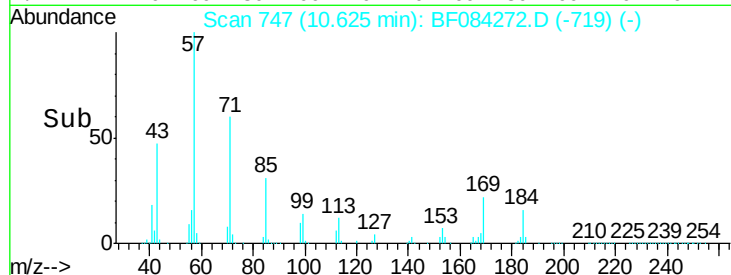
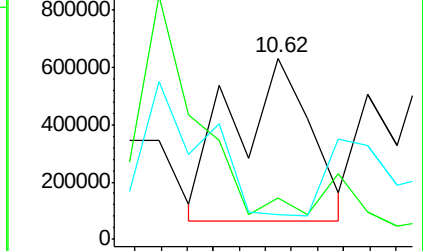
167 13.8 30.0 45.0#



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



#68

Atrazine

Concen: 8.12 ng

RT: 11.15 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

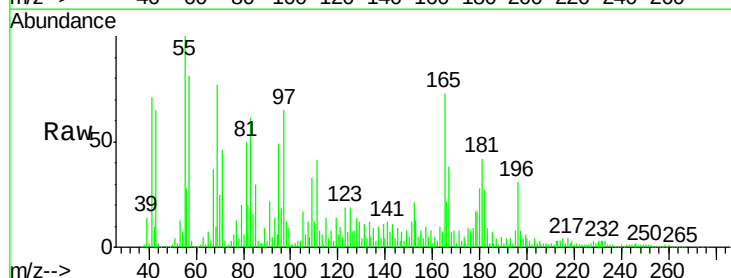
Tgt Ion:200 Resp: 41679

Ion Ratio Lower Upper

200 100

173 140.6 9.5 49.5#

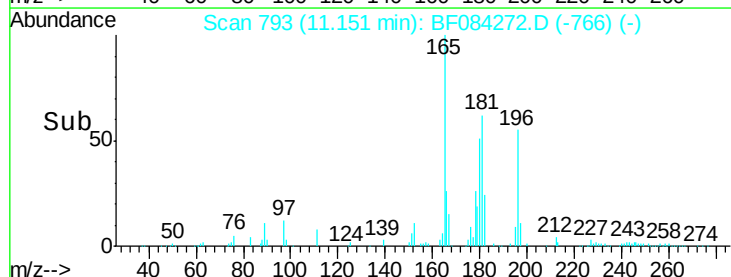
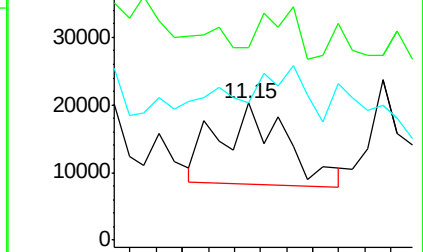
215 100.6 23.8 63.8#

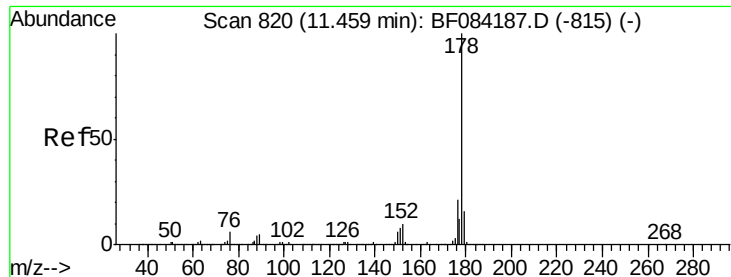


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

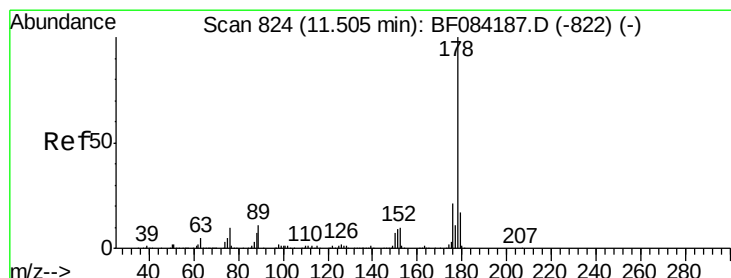
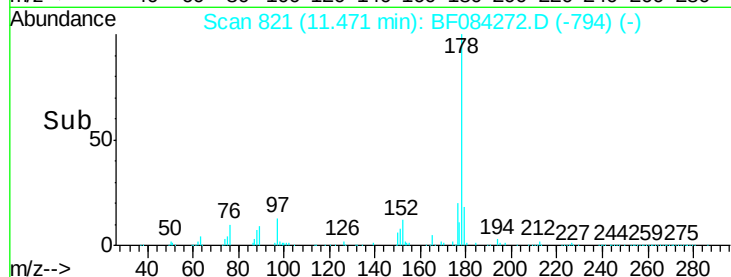
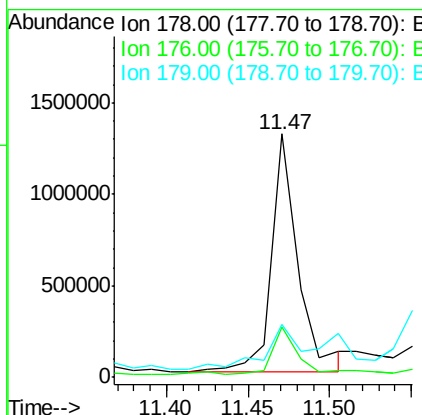
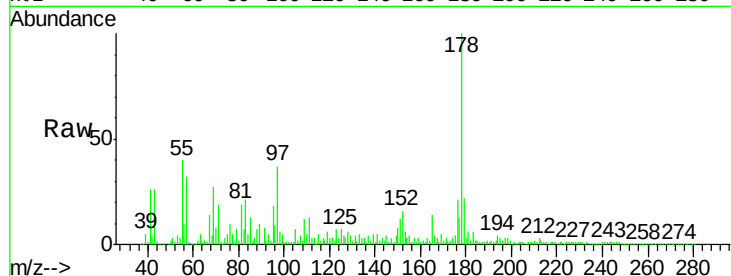




#70
Phenanthrene
Concen: 58.43 ng
RT: 11.47 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

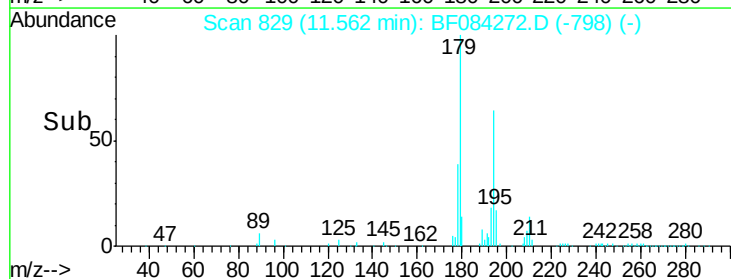
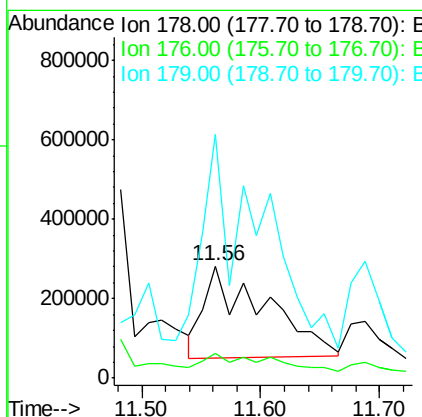
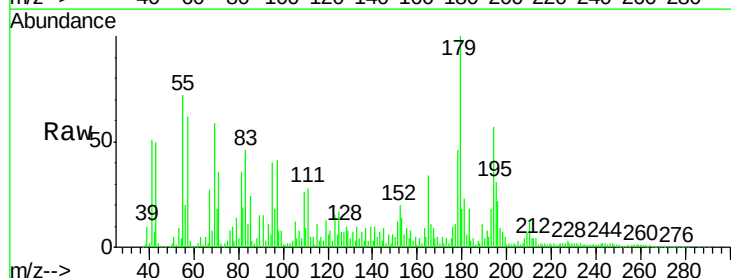
Instrument :
BNA_F
ClientSampleId :

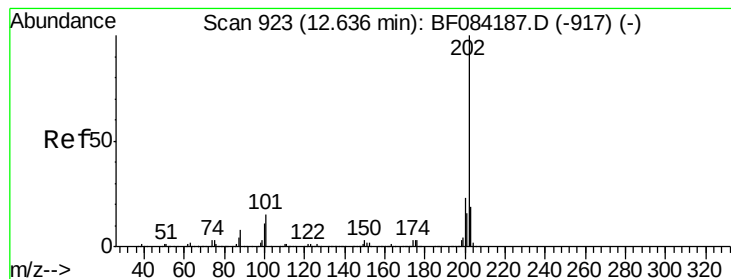
Tot Ion:178 Resp: 1499121
Ion Ratio Lower Upper
178 100
176 20.7 15.3 22.9
179 21.8 12.0 18.0#



#71
Anthracene
Concen: 32.68 ng
RT: 11.56 min Scan# 829
Delta R.T. 0.06 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

Tgt Ion:178 Resp: 821928
Ion Ratio Lower Upper
178 100
176 21.7 15.4 23.0
179 217.1 12.5 18.7#





#74

Fluoranthene

Concen: 4.42 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.01 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

Instrument :

BNA_F

ClientSampleId :

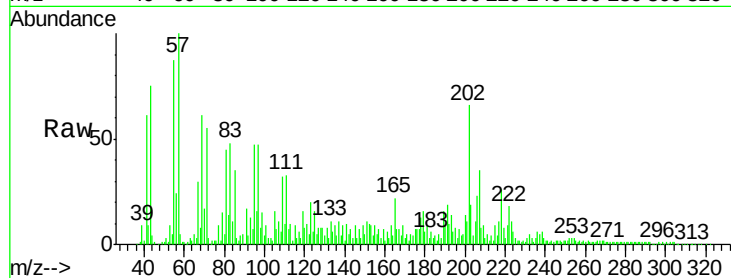
Tot Ion:202 Resp: 118389

Ion Ratio Lower Upper

202 100

101 13.5 0.0 32.8

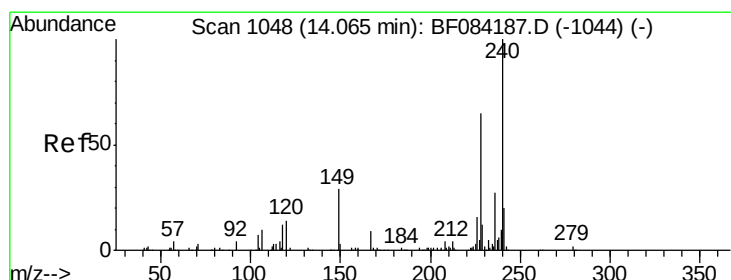
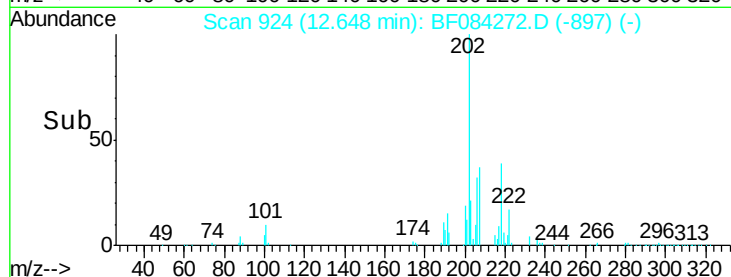
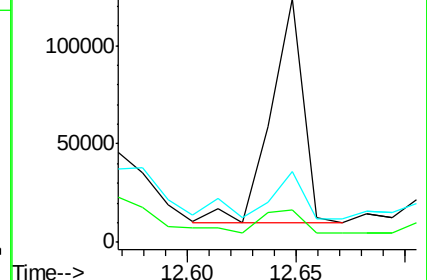
203 29.3 0.0 37.9



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: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

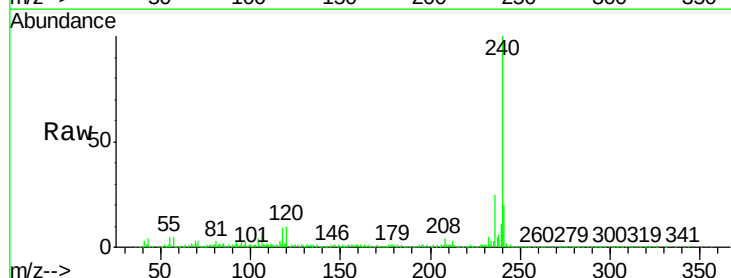
Tgt Ion:240 Resp: 551338

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

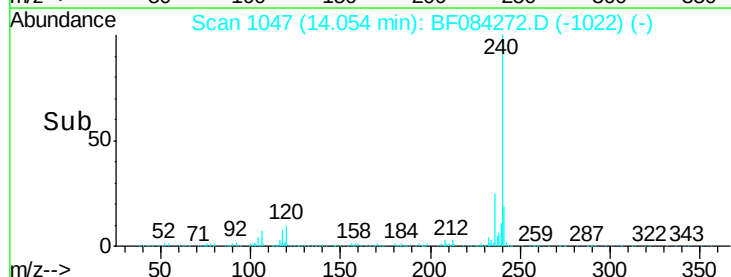
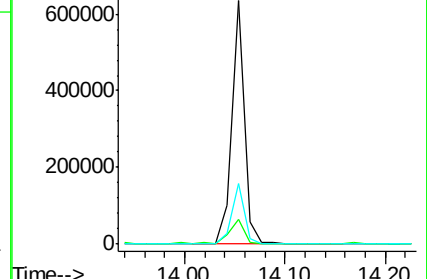
236 25.1 20.6 31.0

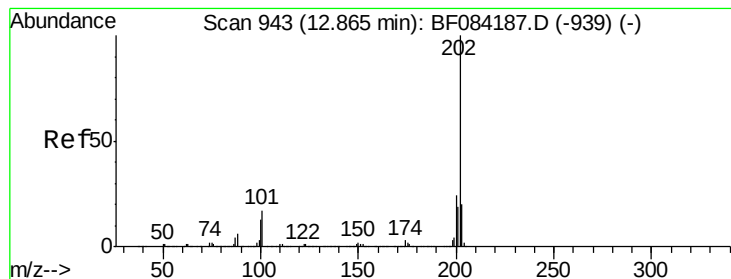


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 4.90 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

Instrument :

BNA_F

ClientSampleId :

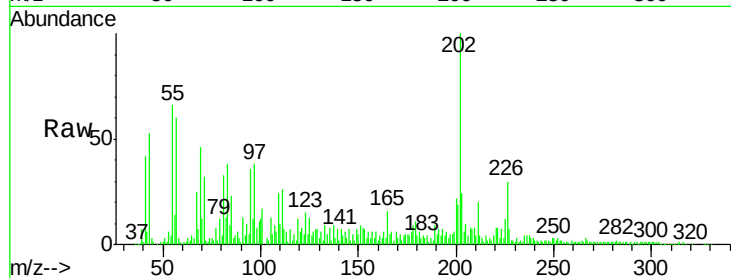
Tot Ion:202 Resp: 211824

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

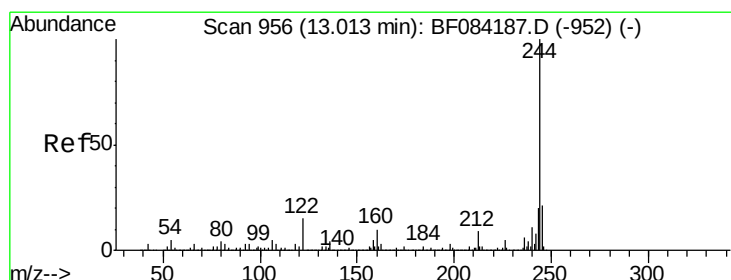
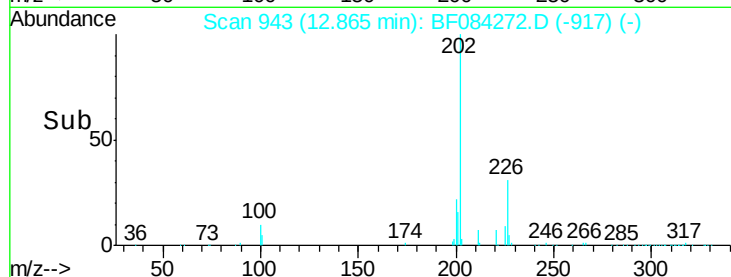
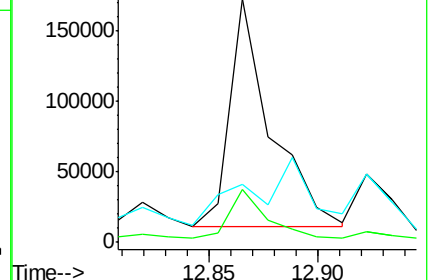
203 23.8 14.3 21.5#



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: 63.39 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084272.D

Acq: 5 Jan 2016 8:16

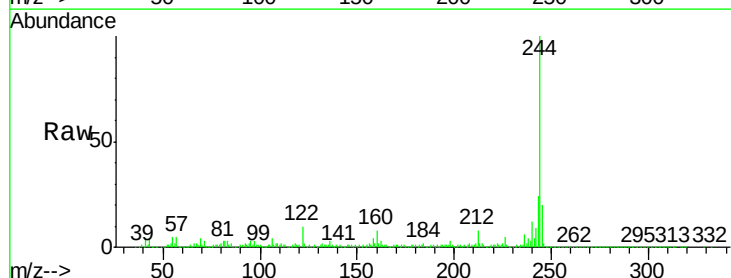
Tgt Ion:244 Resp: 1565663

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

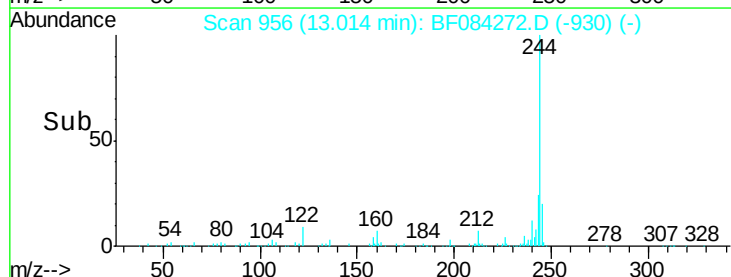
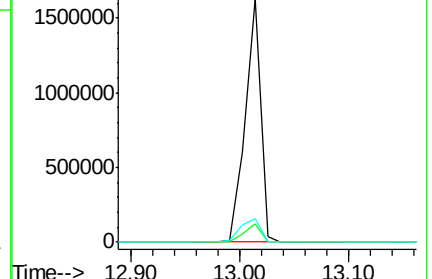
122 9.6 7.4 11.0

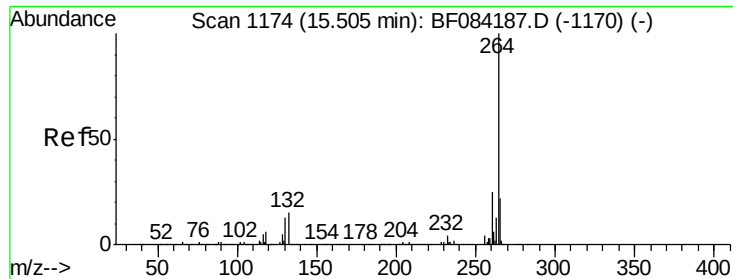


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF084272.D
Acq: 5 Jan 2016 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.6	17.8	26.6

