

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
 Data File : BF084472.D
 Acq On : 14 Jan 2016 6:25
 Operator : SJ/UM
 Sample : G4988-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RX2

Quant Time: Jan 14 11:18:21 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	6.83	152	215912	20.00	ng	-0.07
21) Naphthalene-d8	8.12	136	507016	20.00	ng	-0.07
38) Acenaphthene-d10	9.89	164	334489	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	627495	20.00	ng	-0.05
75) Chrysene-d12	14.00	240	710120	20.00	ng	-0.07
86) Perylene-d12	15.40	264	540948	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1775568	133.01	ng	-0.04
7) Phenol-d6	6.48	99	1954868	116.60	ng	-0.06
23) Nitrobenzene-d5	7.40	82	1281113	140.63	ng	-0.07
41) 2,4,6-Tribromophenol	10.68	330	335939	99.48	ng	-0.06
44) 2-Fluorobiphenyl	9.21	172	1530042	80.10	ng	-0.06
78) Terphenyl-d14	12.96	244	1670925	52.52	ng	-0.06

Target Compounds						Qvalue
9) Benzaldehyde	6.35	77	172623	15.81	ng	# 1
15) Benzyl Alcohol	6.99	79	39735	2.82	ng	# 47
18) Hexachloroethane	7.33	117	179705	28.68	ng	# 1
19) n-Nitroso-di-n-propylamine	7.26	70	49133	4.33	ng	# 68
22) Acetophenone	7.23	105	813124	66.69	ng	# 47
24) Nitrobenzene	7.38	77	138486	14.99	ng	# 23
25) Isophorone	7.65	82	174034	9.99	ng	# 1
26) 2-Nitrophenol	7.77	139	14007	3.33	ng	# 1
27) 2,4-Dimethylphenol	7.78	122	17465	2.05	ng	# 1
28) bis(2-Chloroethoxy)methane	7.89	93	53982	5.07	ng	# 1
29) 2,4-Dichlorophenol	7.97	162	29368	4.14	ng	# 26
31) Naphthalene	8.16	128	2254786	98.02	ng	# 95
32) Benzoic acid	7.92	122	16167	8.82	ng	# 3
33) 4-Chloroaniline	8.16	127	482616	45.76	ng	# 45
35) Caprolactam	8.57	113	226665	94.83	ng	# 1
36) 4-Chloro-3-methylphenol	8.66	107	52219	6.57	ng	# 41
37) 2-Methylnaphthalene	8.85	142	3559543	215.56	ng	# 96
45) 1,1'-Biphenyl	9.31	154	392256	14.76	ng	# 95
47) 2-Nitroaniline	9.48	65	55317	8.03	ng	# 44
48) Acenaphthylene	9.76	152	113448	3.68	ng	# 1
49) Dimethylphthalate	9.61	163	240280	10.05	ng	# 72
50) 2,6-Dinitrotoluene	9.66	165	21298	4.06	ng	# 1
51) Acenaphthene	9.93	154	235568	11.38	ng	# 59
52) 3-Nitroaniline	9.87	138	22671	3.49	ng	# 47
53) 2,4-Dinitrophenol	10.18	184	37722	19.69	ng	# 96
54) Dibenzofuran	10.10	168	159776	3.20	ng	# 1
55) 4-Nitrophenol	10.01	139	204249	43.30	ng	# 70
56) 2,4-Dinitrotoluene	10.10	165	85846	12.93	ng	# 49
57) Fluorene	10.44	166	488850	22.39	ng	# 89
60) 4-Chlorophenyl-phenylether	10.38	204	17478	Below	Cal	# 1
62) Azobenzene	10.59	77	64827	2.51	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.51	198	4318	7.24	ng	# 1
65) n-Nitrosodiphenylamine	10.56	169	849492	42.34	ng	# 55
68) Atrazine	11.10	200	66106	10.07	ng	# 36

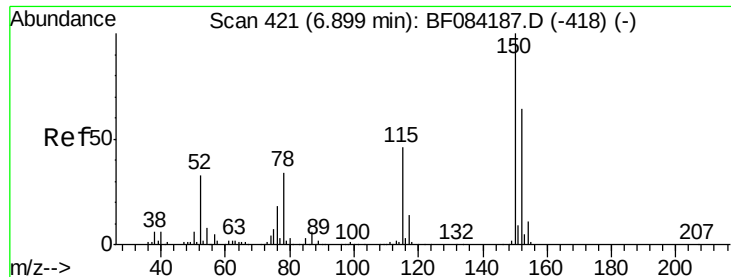
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084472.D
Acq On : 14 Jan 2016 6:25
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Instrument :
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RX2

Quant Time: Jan 14 11:18:21 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)
70) Phenanthrene	11.40	178	1385034	42.20	nq	# 93
71) Anthracene	11.49	178	854738	26.56	nq	# 1
72) Carbazole	11.61	167	76657	2.44	nq	# 1
73) Di-n-butylphthalate	11.85	149	4806	Below Cal	#	1
74) Fluoranthene	12.58	202	72671	2.12	nq	61
77) Pyrene	12.81	202	372742	6.69	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.07 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

Instrument :

BNA_F

ClientSampleId :

RX2

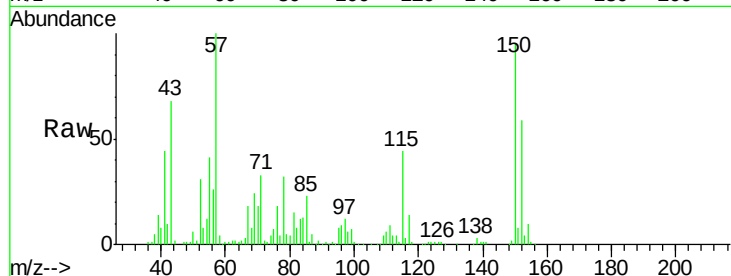
Tot Ion:152 Resp: 215912

Ion Ratio Lower Upper

152 100

150 160.1 123.0 184.4

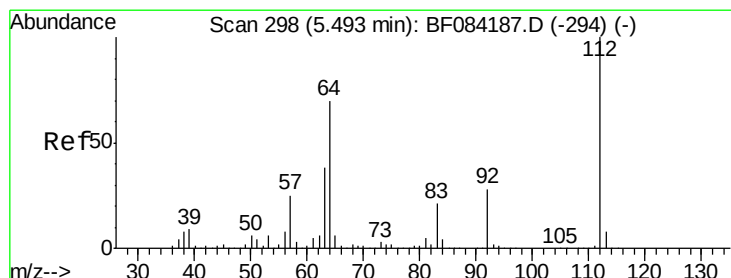
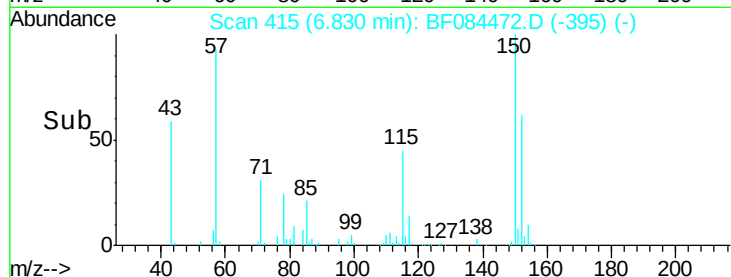
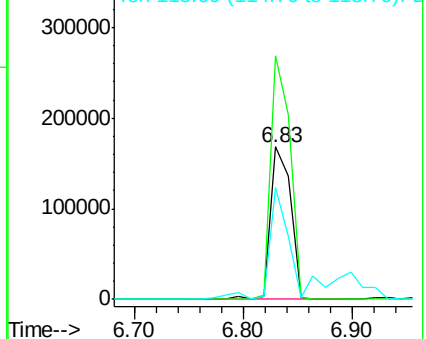
115 73.5 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 133.01 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.04 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

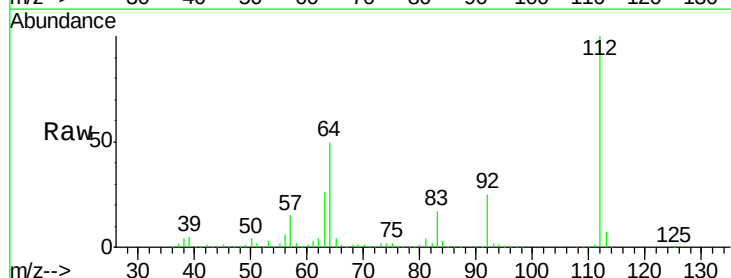
Tgt Ion:112 Resp: 1775568

Ion Ratio Lower Upper

112 100

64 50.3 36.6 55.0

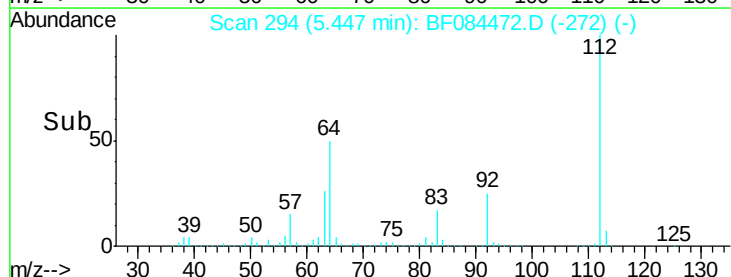
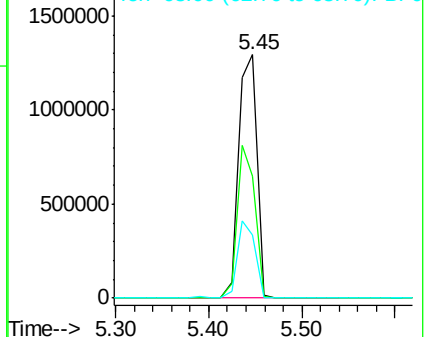
63 25.7 19.4 29.0

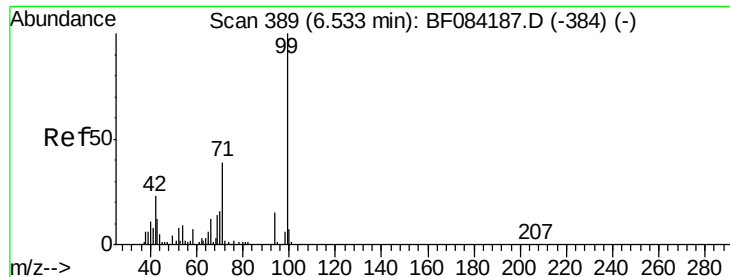


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.60 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

Instrument :

BNA_F

ClientSampleId :

RX2

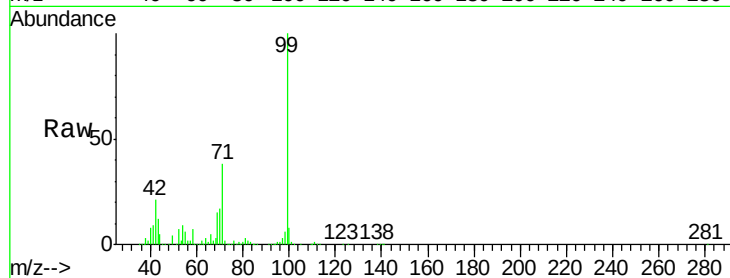
Tot Ion: 99 Resp: 1954868

Ion Ratio Lower Upper

99 100

42 21.2 12.8 19.2#

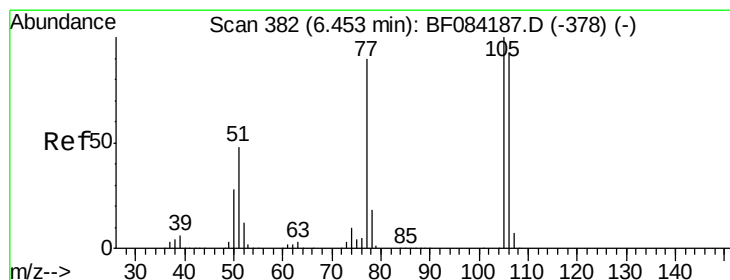
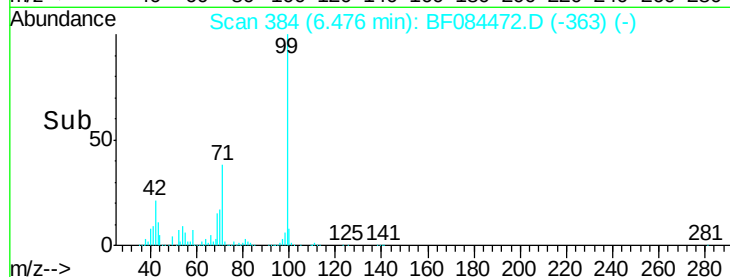
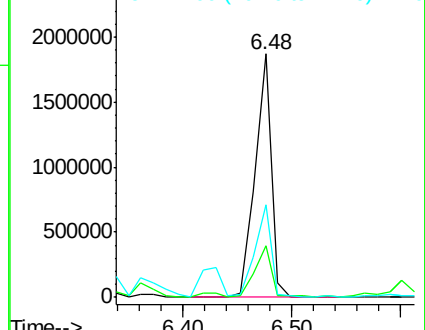
71 37.8 30.9 46.3



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



#9

Benzaldehyde

Concen: 15.81 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.10 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

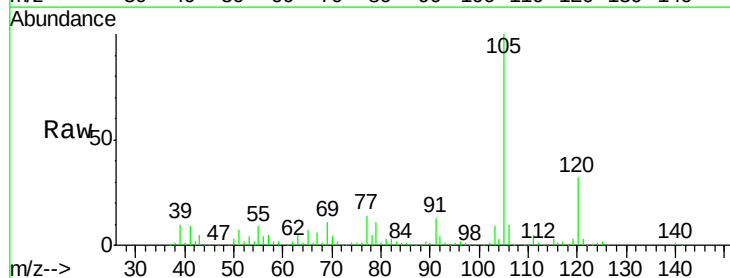
Tgt Ion: 77 Resp: 172623

Ion Ratio Lower Upper

77 100

105 719.2 83.0 123.0#

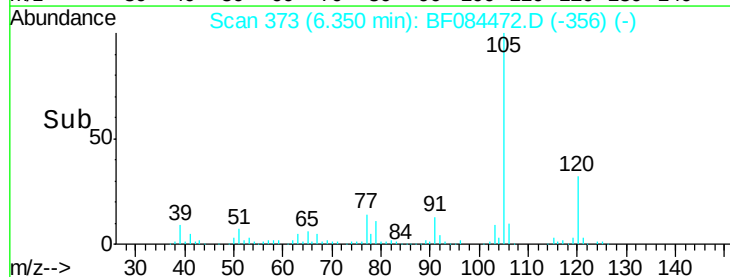
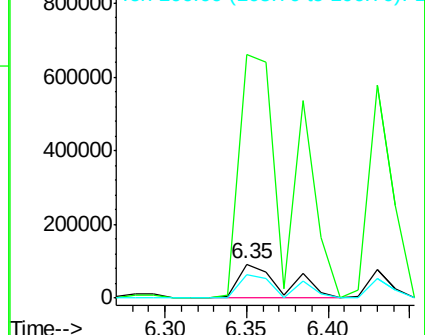
106 68.8 74.6 114.6#

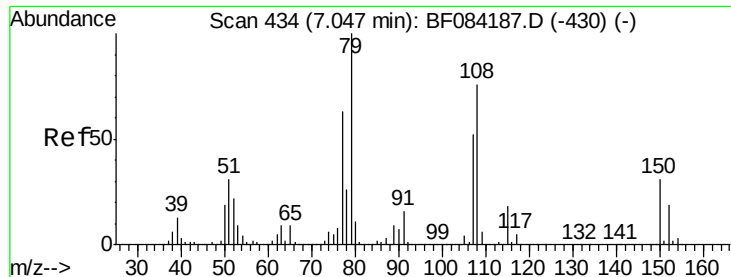


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.82 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

Instrument :

BNA_F

ClientSampleID :

RX2

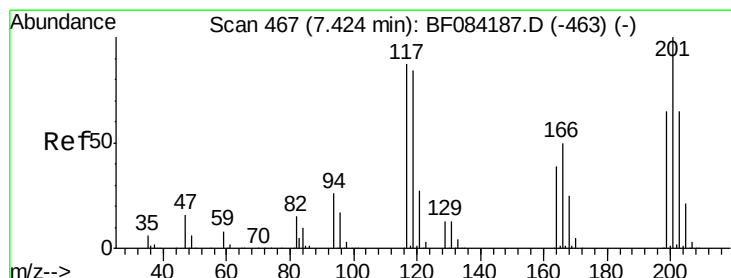
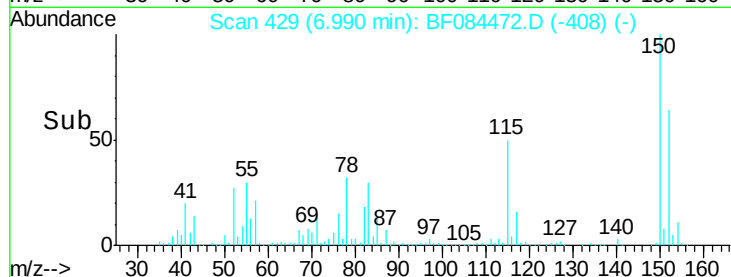
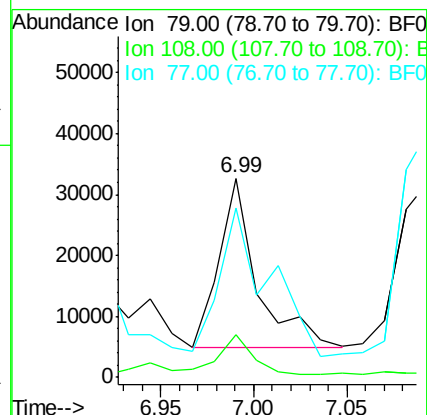
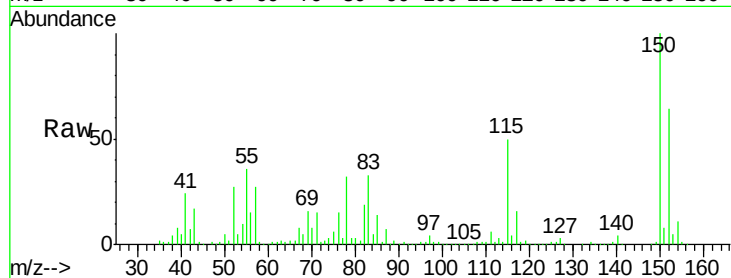
Tot Ion: 79 Resp: 39735

Ion Ratio Lower Upper

79 100

108 21.5 69.0 103.4#

77 85.2 50.0 75.0#



#18

Hexachloroethane

Concen: 28.68 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.09 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

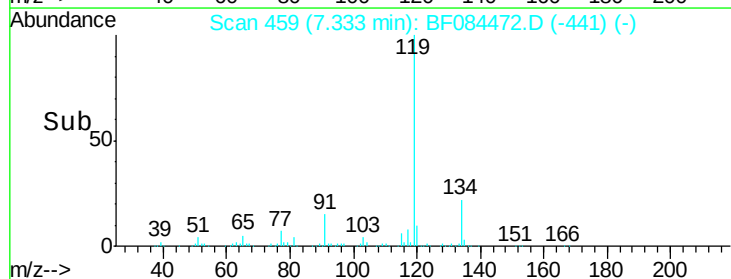
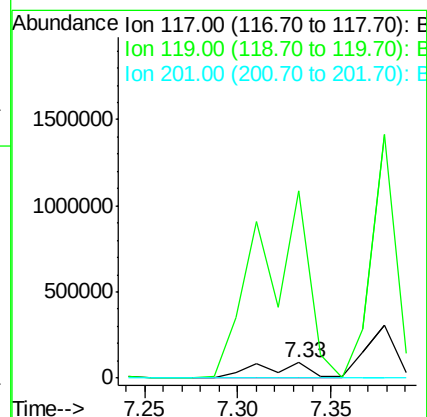
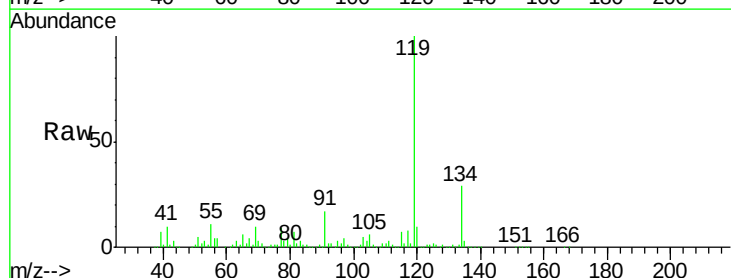
Tgt Ion: 117 Resp: 179705

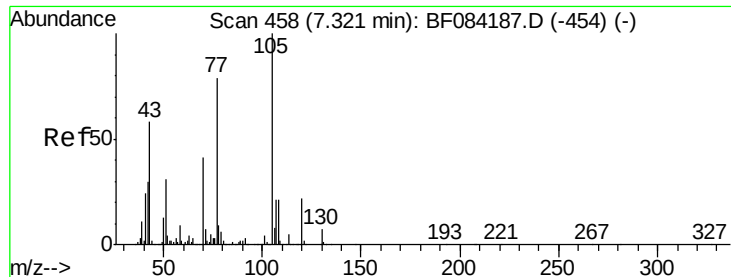
Ion Ratio Lower Upper

117 100

119 1186.4 77.4 116.0#

201 0.0 68.6 103.0#

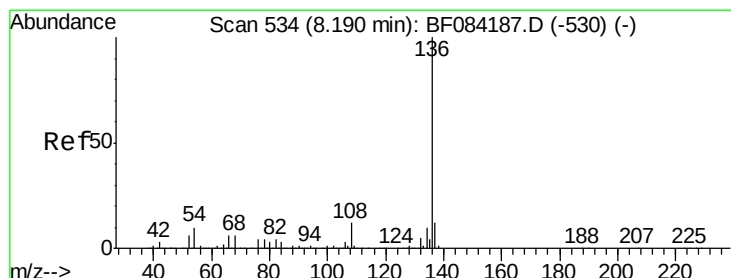
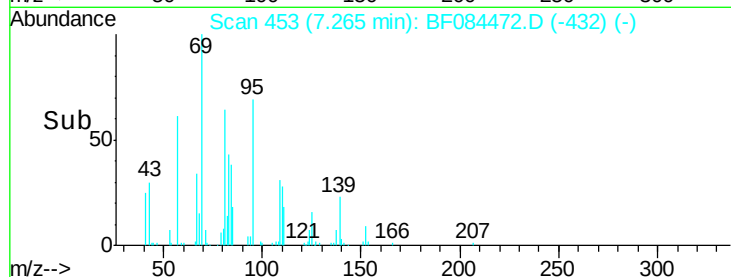
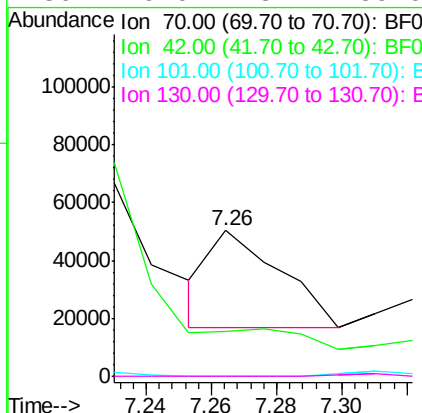
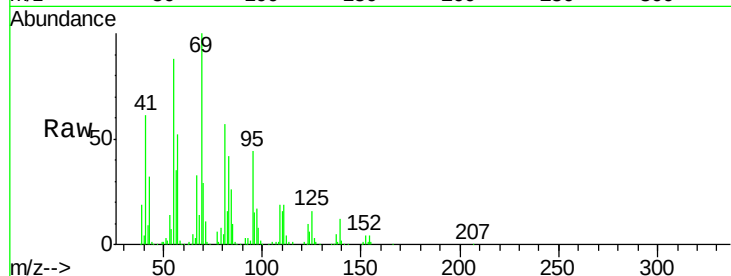




#19
n-Nitroso-di-n-propylamine
Concen: 4.33 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

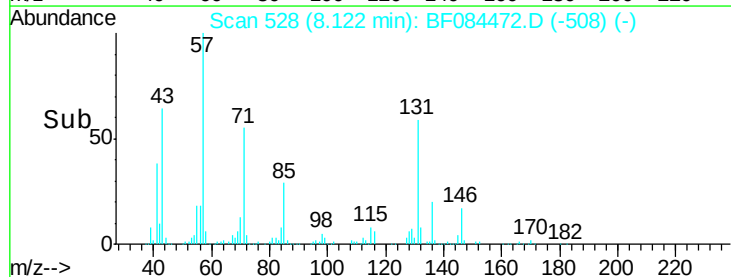
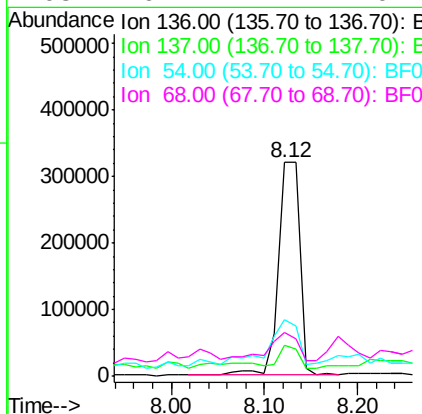
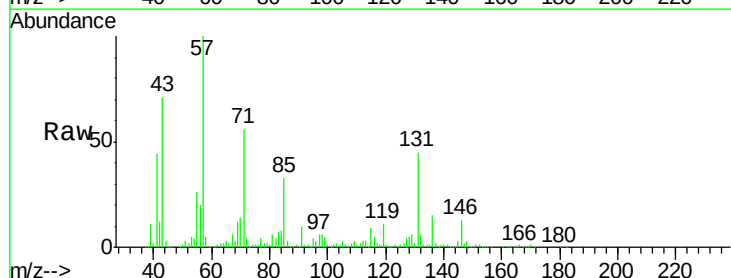
Instrument :
BNA_F
ClientSampleId :
RX2

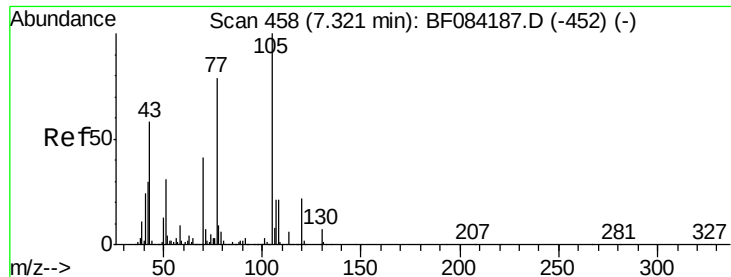
Tot Ion: 70 Resp: 49133
Ion Ratio Lower Upper
70 100
42 31.2 33.3 49.9#
101 0.0 9.3 13.9#
130 0.0 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.07 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

Tgt Ion: 136 Resp: 507016
Ion Ratio Lower Upper
136 100
137 14.1 8.7 13.1#
54 26.2 5.8 8.8#
68 20.2 4.2 6.2#





#22

Acetophenone

Concen: 66.69 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.09 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

Instrument :

BNA_F

ClientSampleId :

RX2

Tot Ion:105 Resp: 813124

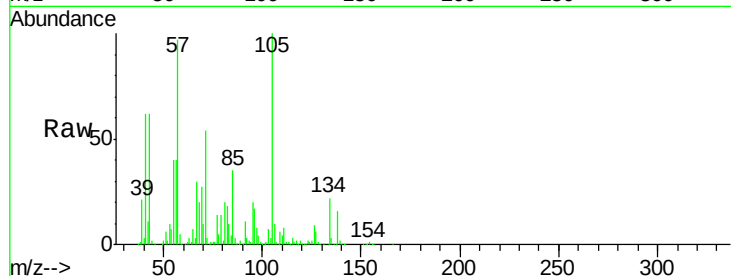
Ion Ratio Lower Upper

105 100

71 54.3 3.7 5.5#

51 6.3 25.1 37.7#

120 0.2 16.6 25.0#

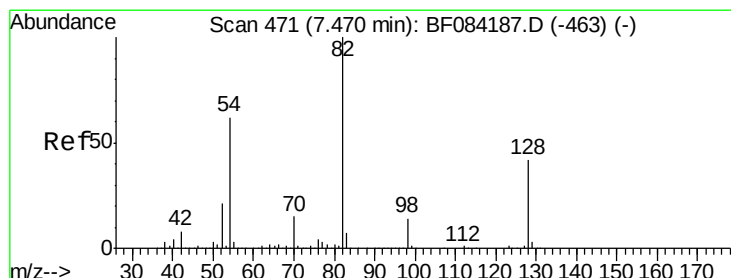
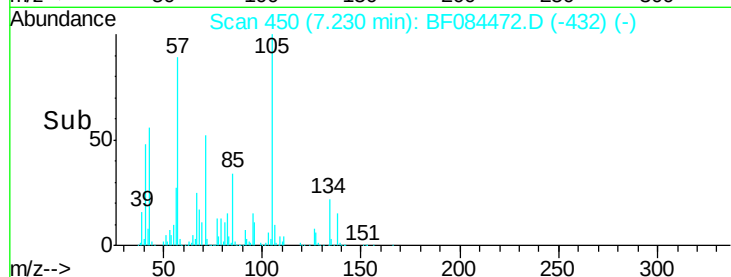
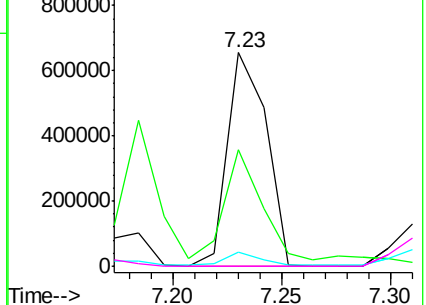


Abundance Ion 105.00 (104.70 to 105.70): E

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: 140.63 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.07 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

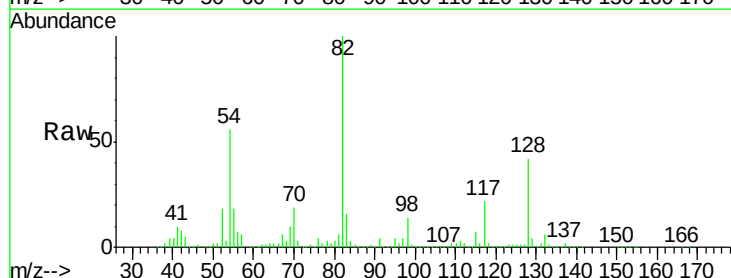
Tgt Ion: 82 Resp: 1281113

Ion Ratio Lower Upper

82 100

128 41.8 34.6 51.8

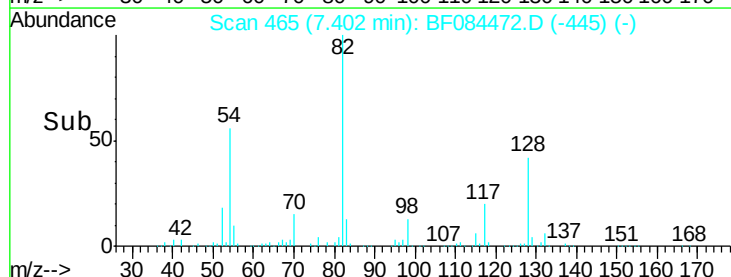
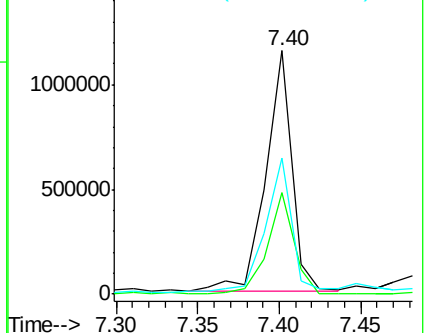
54 56.0 38.4 57.6

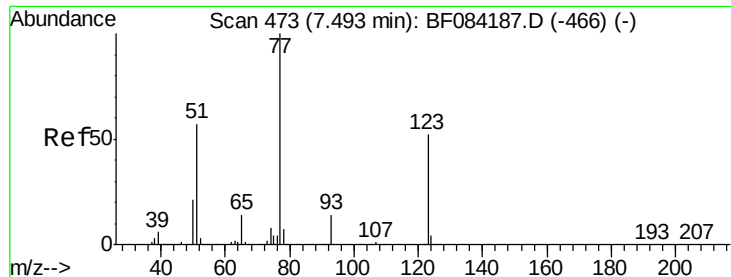


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

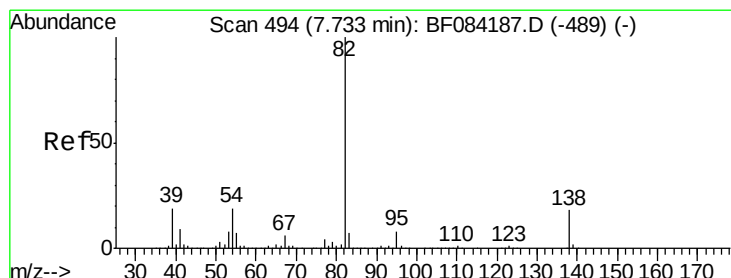
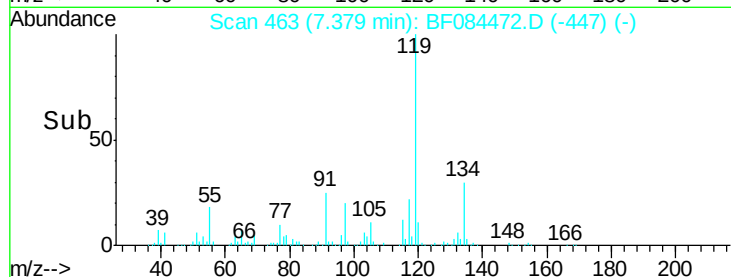
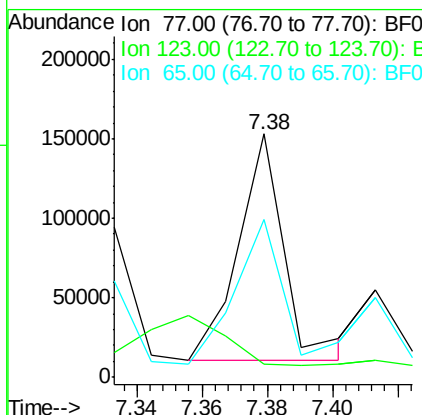
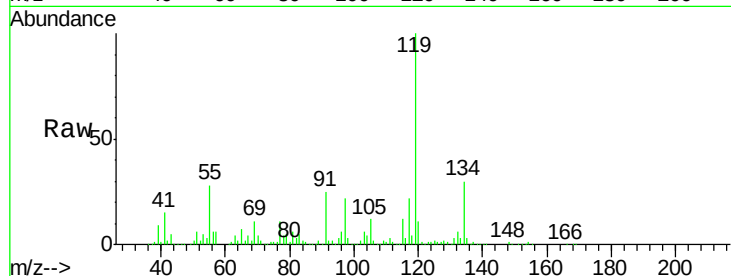




#24
Nitrobenzene
Concen: 14.99 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.11 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

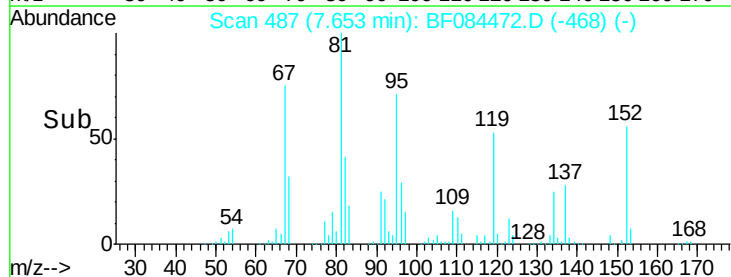
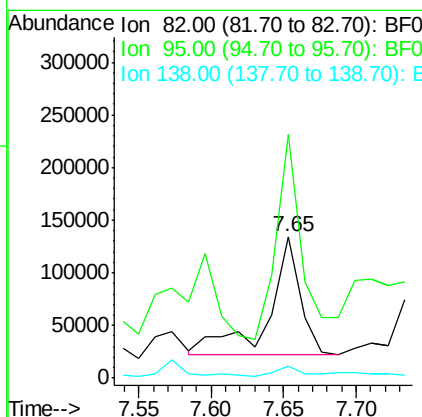
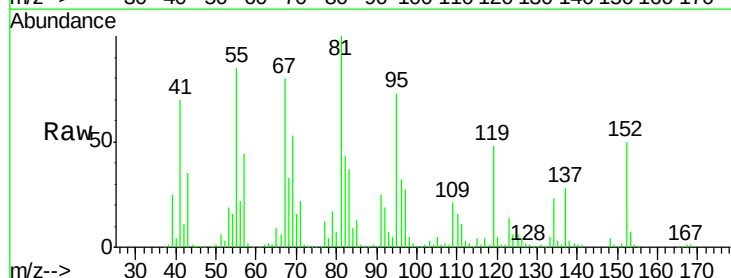
Instrument :
BNA_F
ClientSampleId :
RX2

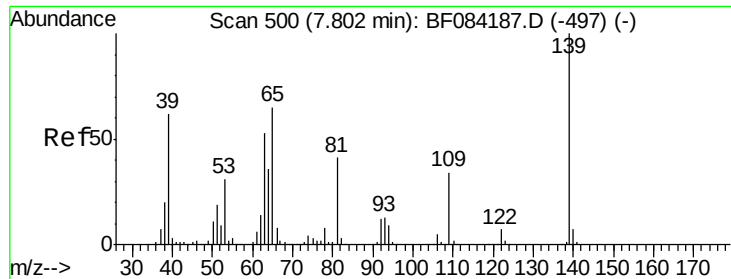
Tot Ion	Ratio	Lower	Upper
77	100		
123	5.6	37.4	56.2#
65	64.8	10.9	16.3#



#25
Isophorone
Concen: 9.99 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.08 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

Tgt Ion	Ratio	Lower	Upper
82	100		
95	172.0	6.6	10.0#
138	8.2	13.6	20.4#

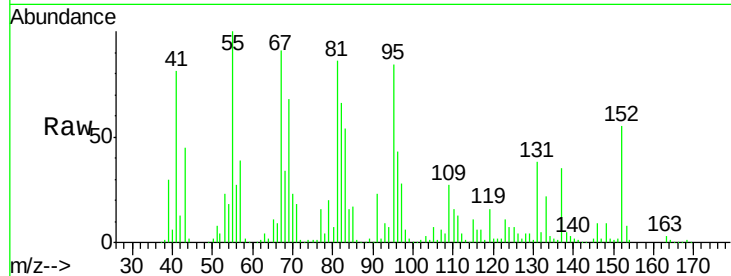




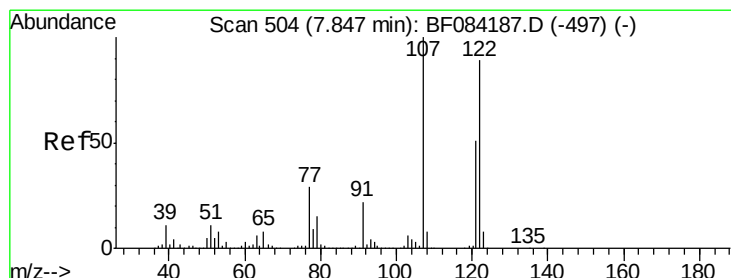
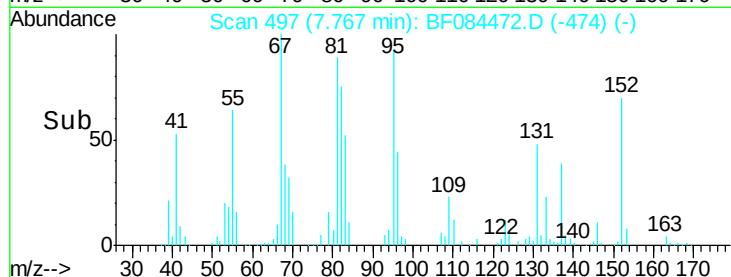
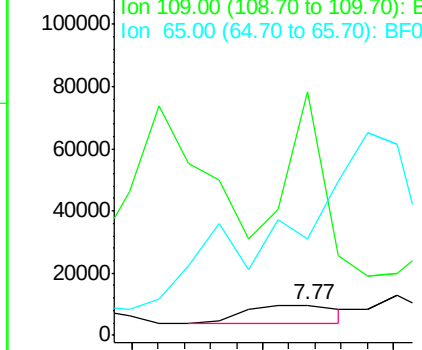
#26
2-Nitrophenol
Concen: 3.33 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.03 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

Instrument :
BNA_F
ClientSampleId :
RX2

Tot Ion:139 Resp: 14007
Ion Ratio Lower Upper
139 100
109 813.1 25.4 38.2#
65 321.7 32.3 48.5#

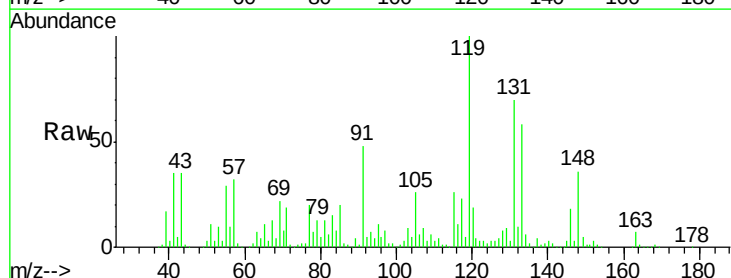


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

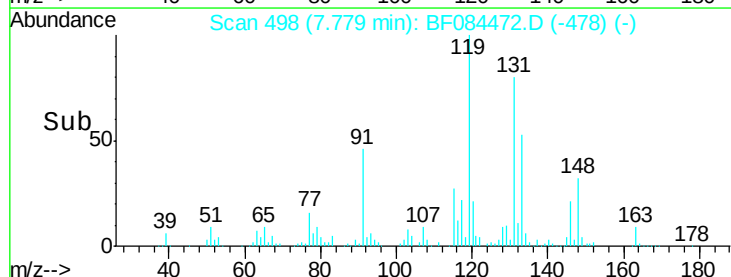
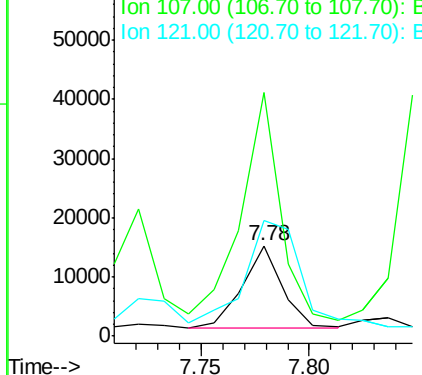


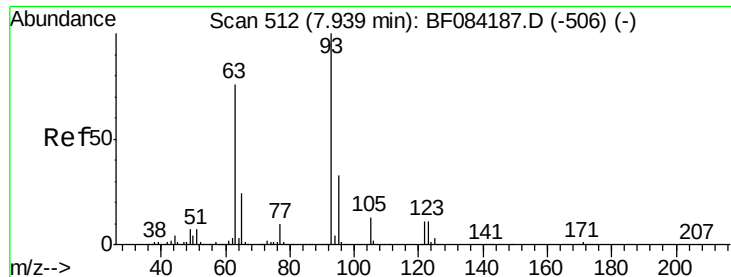
#27
2,4-Dimethylphenol
Concen: 2.05 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.07 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

Tgt Ion:122 Resp: 17465
Ion Ratio Lower Upper
122 100
107 269.4 99.1 148.7#
121 127.9 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

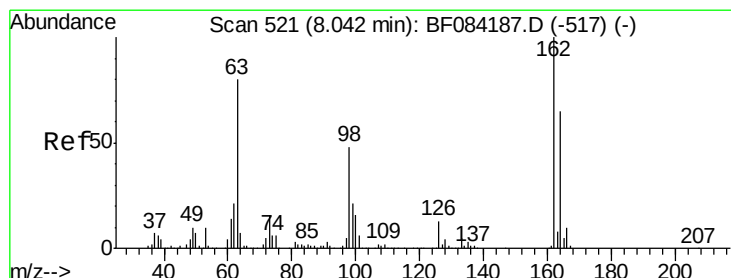
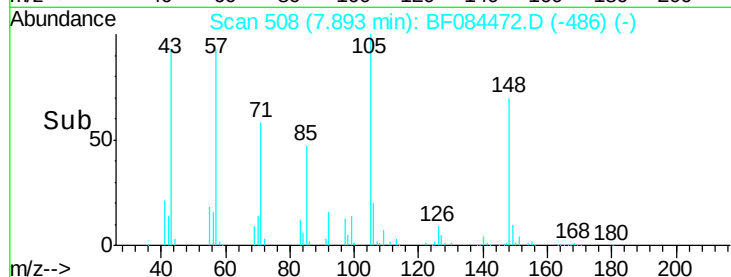
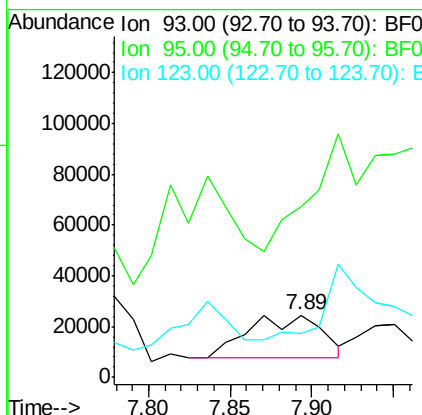
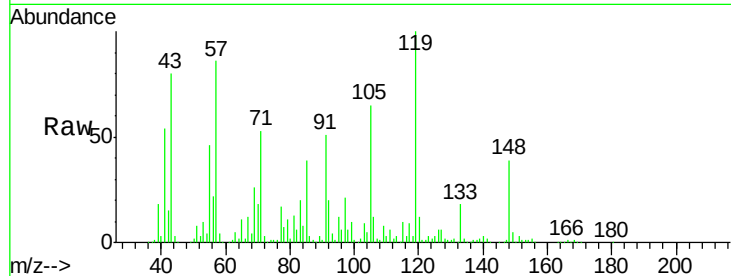




#28
bis(2-Chloroethoxy)methane
Concen: 5.07 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.05 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

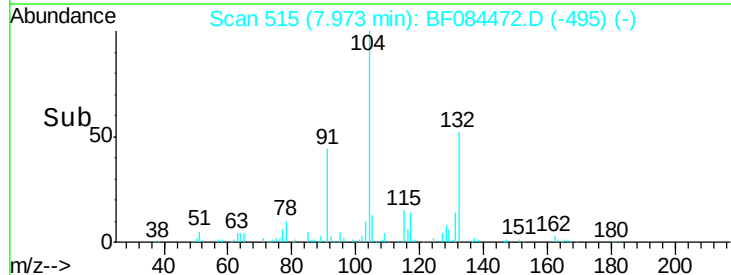
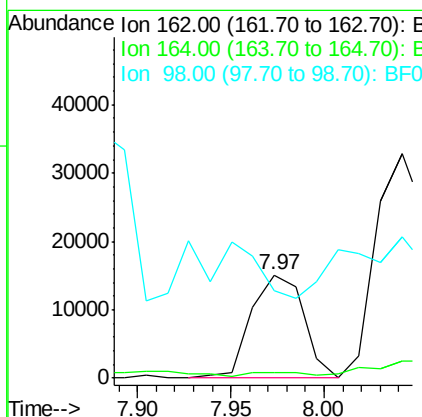
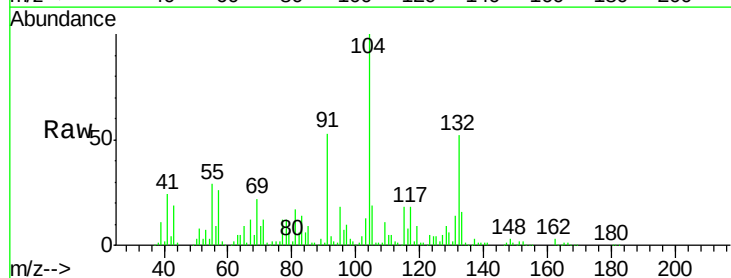
Instrument :
BNA_F
ClientSampled :
RX2

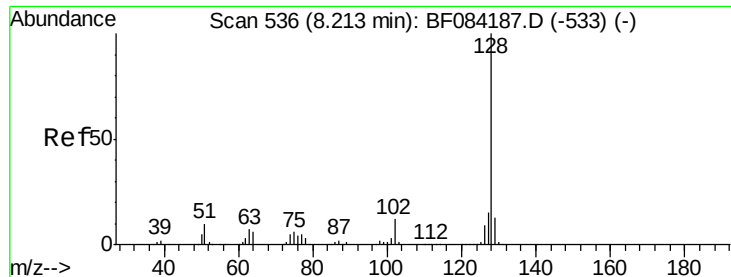
Tot Ion: 93 Resp: 53982
Ion Ratio Lower Upper
93 100
95 274.5 25.8 38.6#
123 70.8 8.6 12.8#



#29
2,4-Dichlorophenol
Concen: 4.14 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.07 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

Tgt Ion: 162 Resp: 29368
Ion Ratio Lower Upper
162 100
164 4.8 44.1 84.1#
98 84.9 20.2 60.2#





#31

Naphthalene

Concen: 98.02 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.06 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

Instrument :

BNA_F

ClientSampleId :

RX2

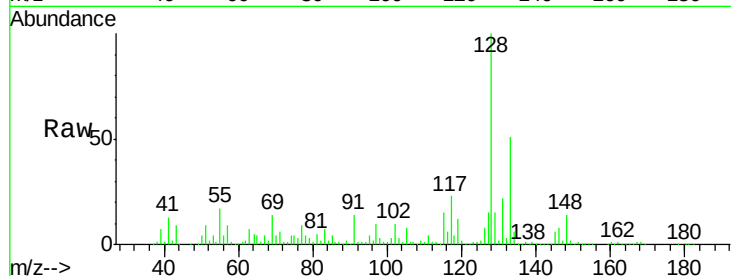
Tot Ion:128 Resp: 2254786

Ion Ratio Lower Upper

128 100

129 14.8 9.1 13.7#

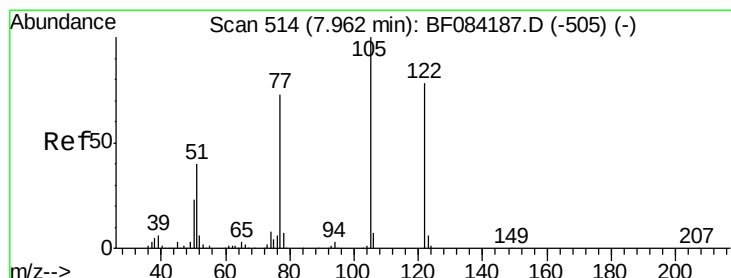
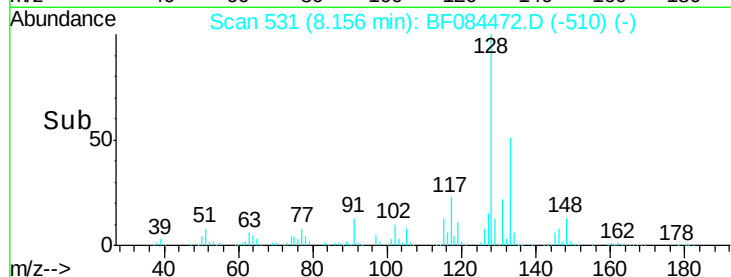
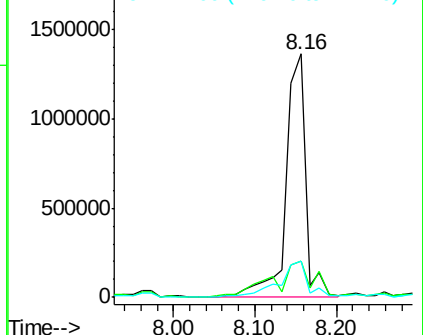
127 15.0 11.1 16.7



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: 8.82 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.05 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

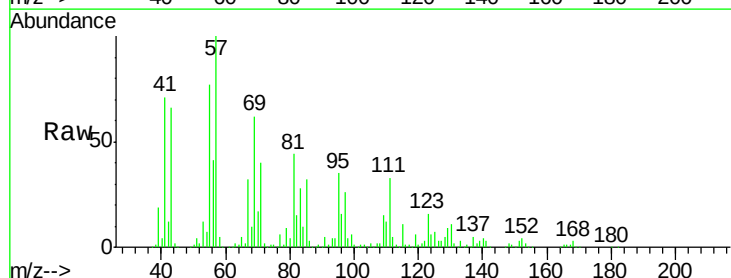
Tgt Ion:122 Resp: 16167

Ion Ratio Lower Upper

122 100

105 74.5 100.3 140.3#

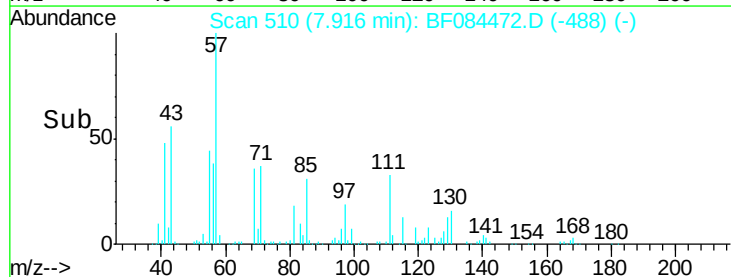
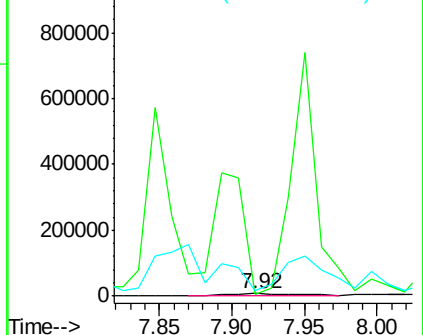
77 244.8 63.5 103.5#

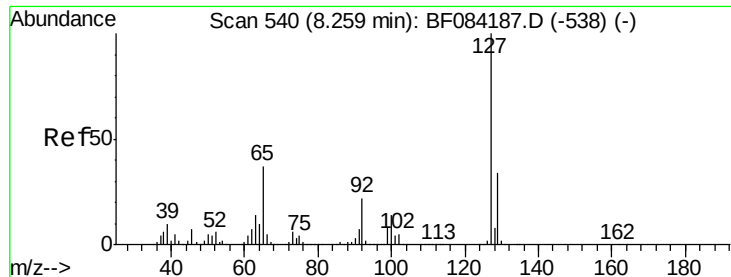


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

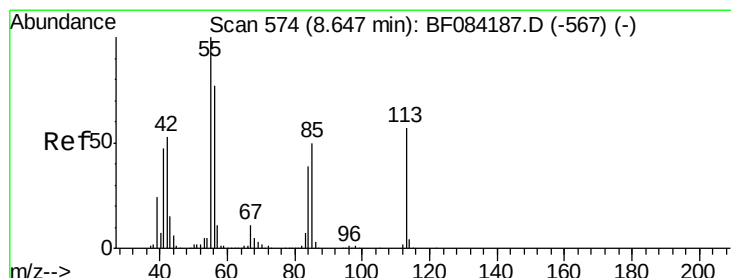
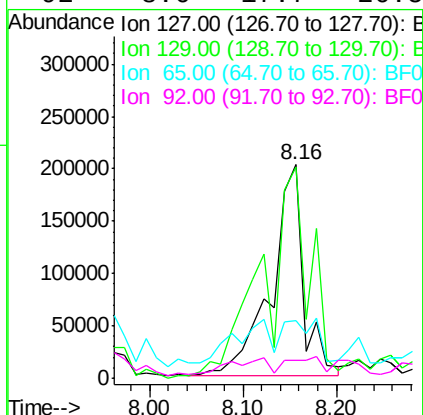
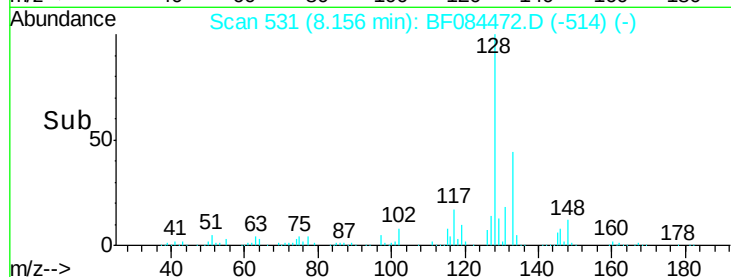
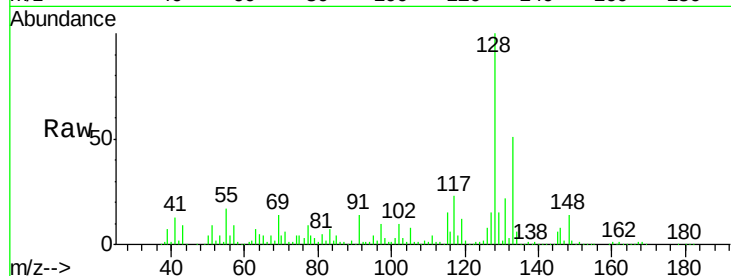




#33
4-Chloroaniline
Concen: 45.76 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.10 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

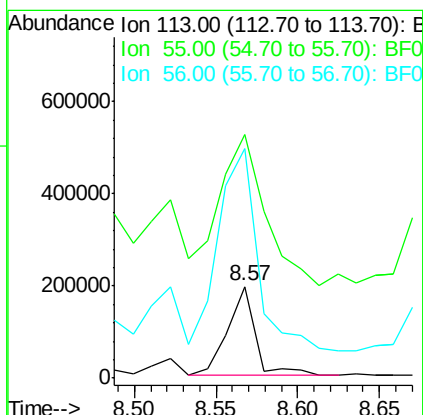
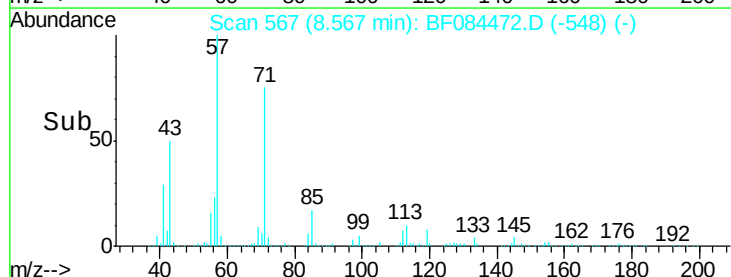
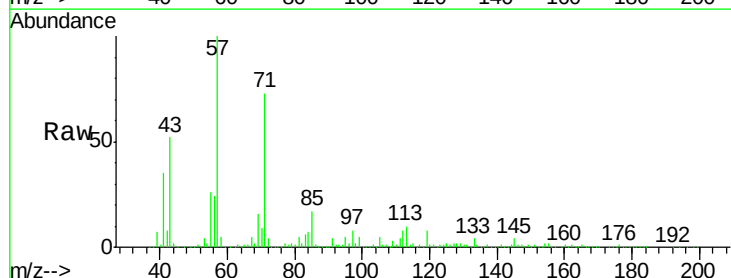
Instrument :
BNA_F
ClientSampleId :
RX2

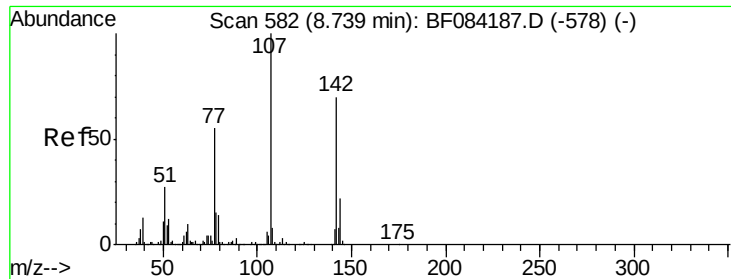
Tot Ion:	127	Resp:	482616
Ion	Ratio	Lower	Upper
127	100		
129	99.2	26.5	39.7#
65	27.1	27.2	40.8#
92	8.6	17.7	26.5#



#35
Caprolactam
Concen: 94.83 ng
RT: 8.57 min Scan# 567
Delta R.T. -0.08 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

Tgt Ion:	113	Resp:	226665
Ion	Ratio	Lower	Upper
113	100		
55	265.5	116.9	156.9#
56	251.0	93.8	133.8#

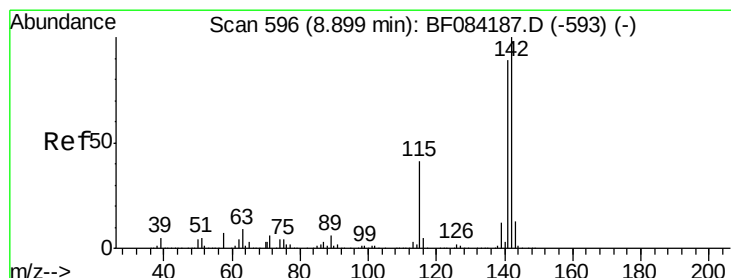
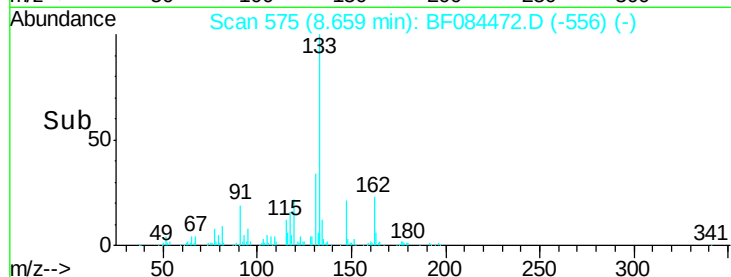
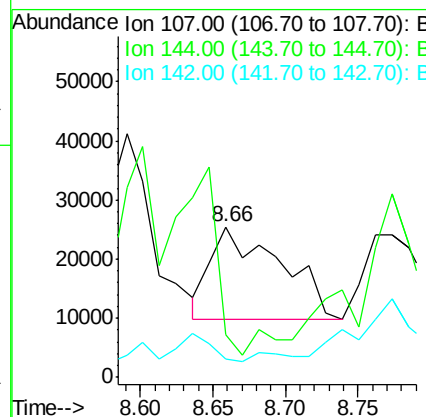
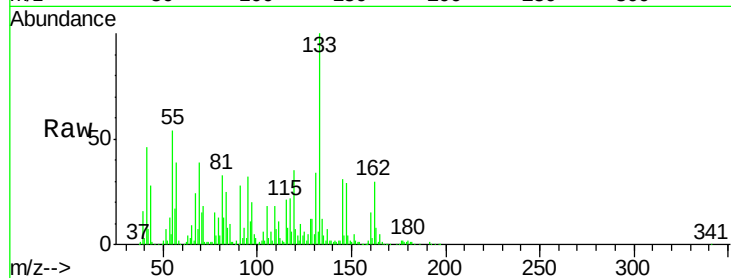




#36
 4-Chloro-3-methylphenol
 Concen: 6.57 ng
 RT: 8.66 min Scan# 575
 Delta R.T. -0.08 min
 Lab File: BF084472.D
 Acq: 14 Jan 2016 6:25

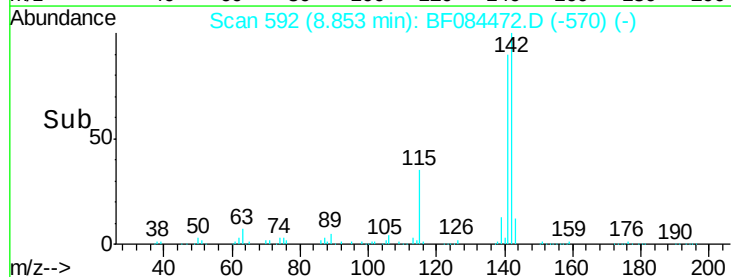
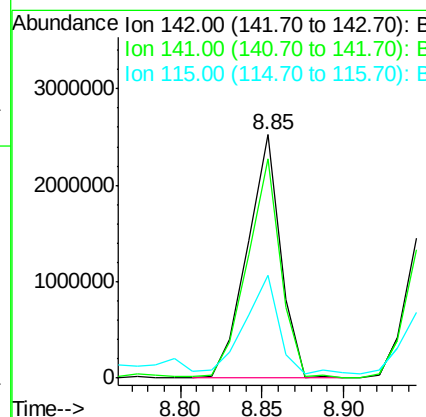
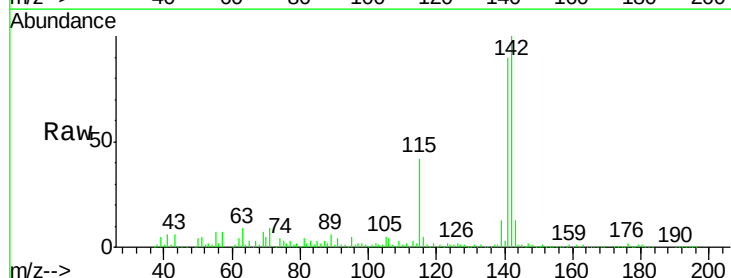
Instrument :
 BNA_F
 ClientSampleId :
 RX2

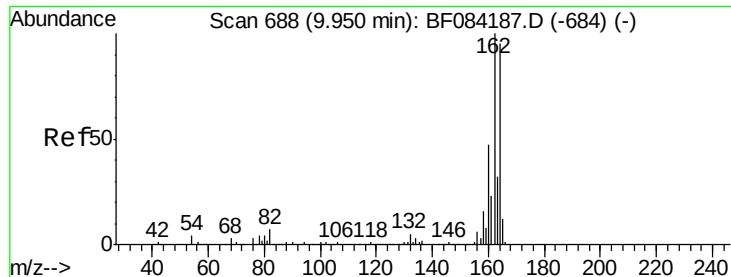
Tot Ion:107 Resp: 52219
 Ion Ratio Lower Upper
 107 100
 144 28.6 19.7 29.5
 142 12.3 61.8 92.6#



#37
 2-Methylnaphthalene
 Concen: 215.56 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.05 min
 Lab File: BF084472.D
 Acq: 14 Jan 2016 6:25

Tgt Ion:142 Resp: 3559543
 Ion Ratio Lower Upper
 142 100
 141 90.2 72.4 108.6
 115 42.4 27.9 41.9#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

Instrument :

BNA_F

ClientSampleId :

RX2

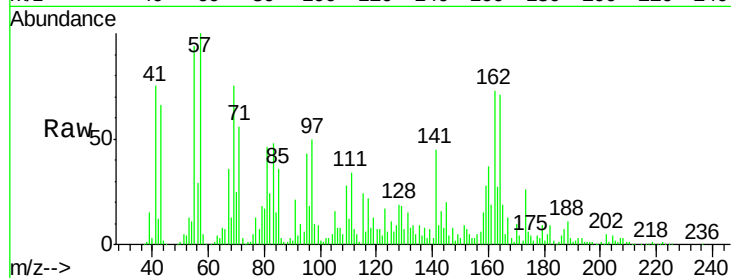
Tot Ion:164 Resp: 334489

Ion Ratio Lower Upper

164 100

162 103.6 85.1 127.7

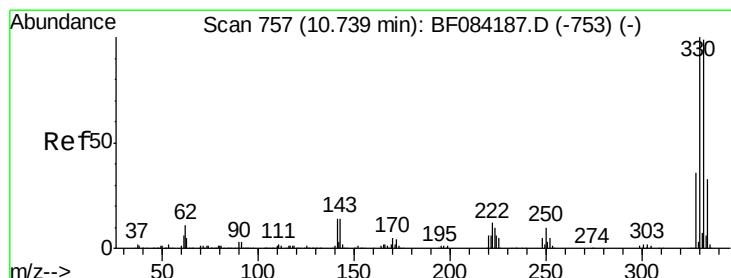
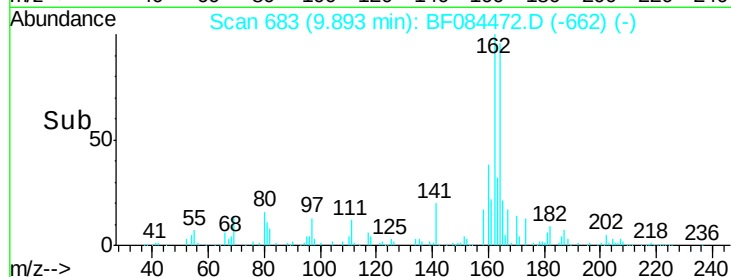
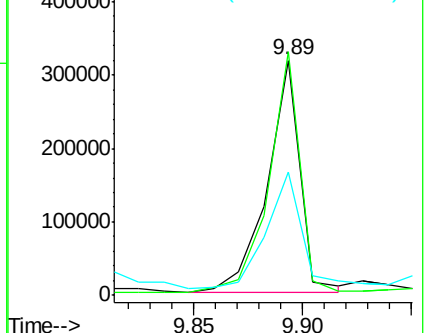
160 52.6 37.5 56.3



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



#41

2,4,6-Tribromophenol

Concen: 99.48 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.06 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

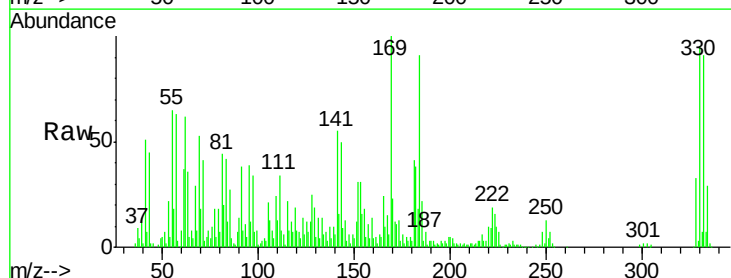
Tgt Ion:330 Resp: 335939

Ion Ratio Lower Upper

330 100

332 97.3 76.6 114.8

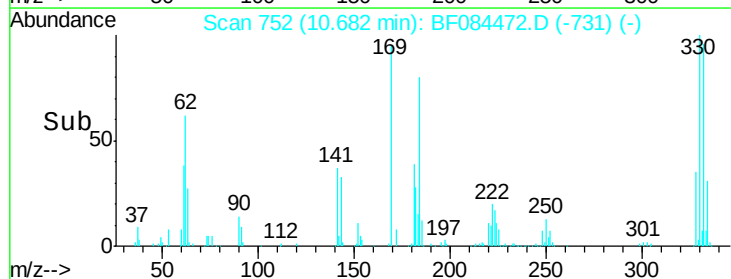
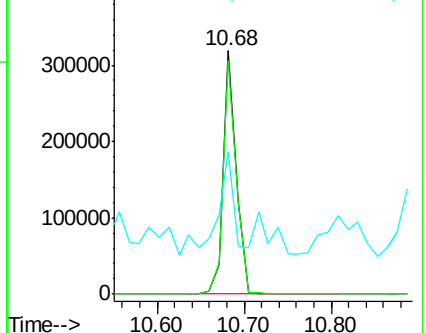
141 37.7 27.8 41.6

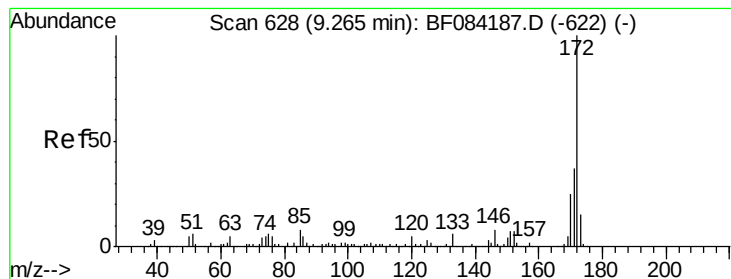


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 80.10 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.06 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

Instrument :

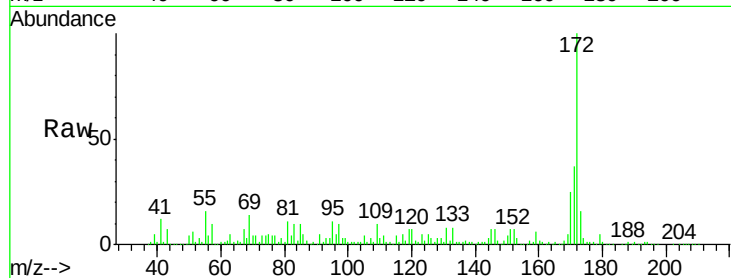
BNA_F

ClientSampleId :

RX2

Tot Ion:172 Resp: 1530042

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.9	43.3
170	25.2	18.6	27.8

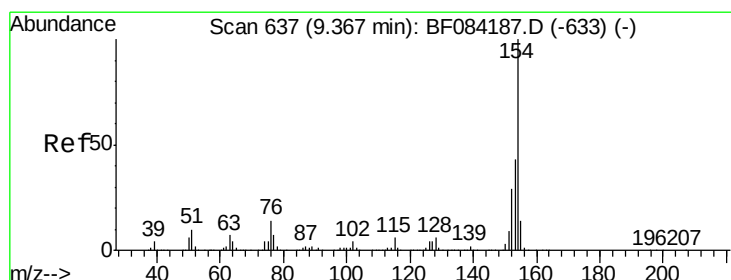
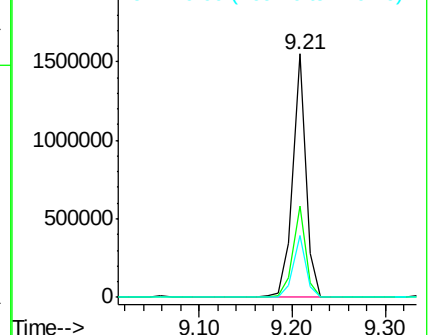
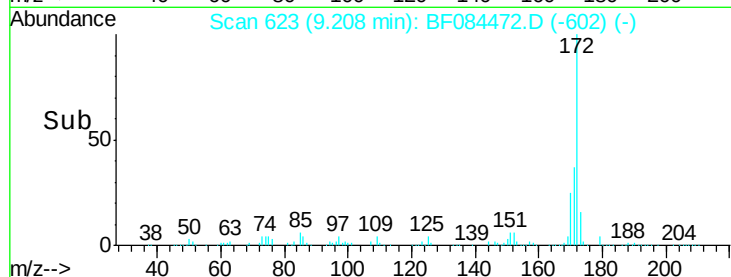


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 14.76 ng

RT: 9.31 min Scan# 632

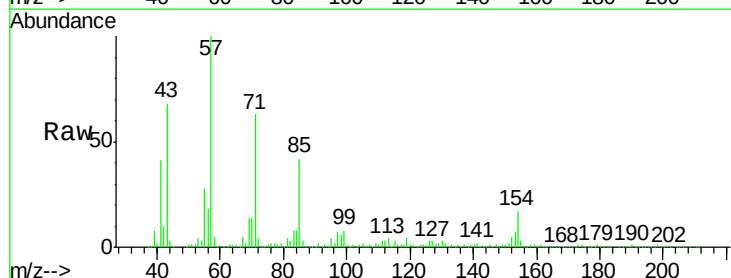
Delta R.T. -0.06 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

Tgt Ion:154 Resp: 392256

Ion	Ratio	Lower	Upper
154	100		
153	38.6	21.6	61.6
76	10.3	0.0	32.7

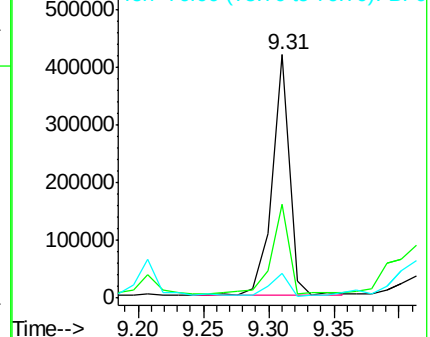
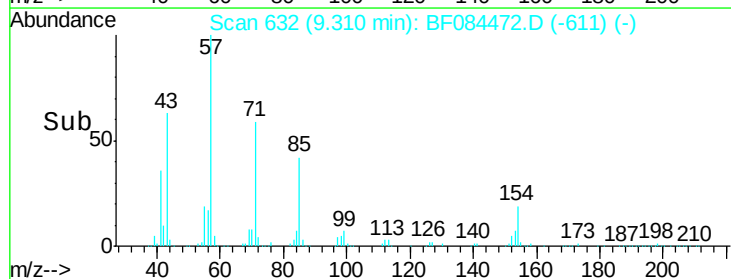


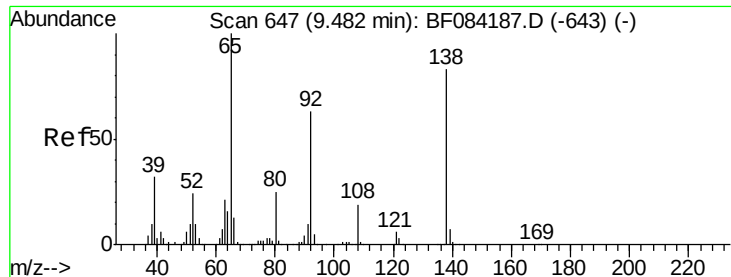
Abundance

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





#47

2-Nitroaniline

Concen: 8.03 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

Instrument :

BNA_F

ClientSampleId :

RX2

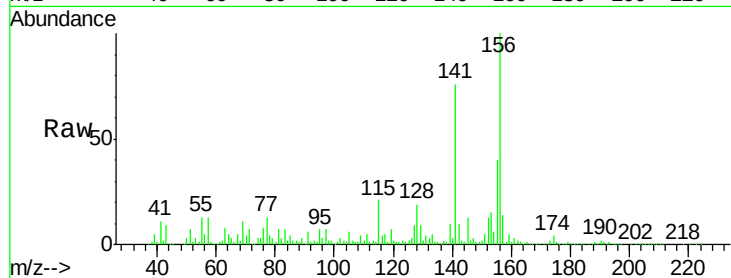
Tot Ion: 65 Resp: 55317

Ion Ratio Lower Upper

65 100

92 29.0 53.4 80.2#

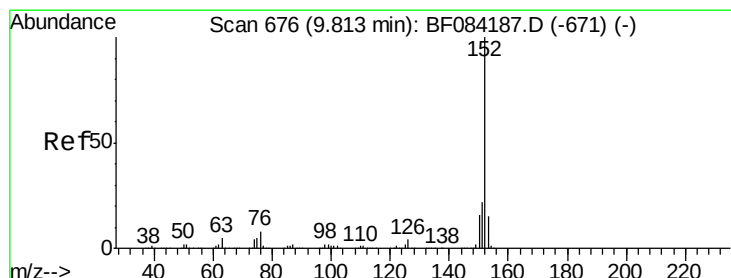
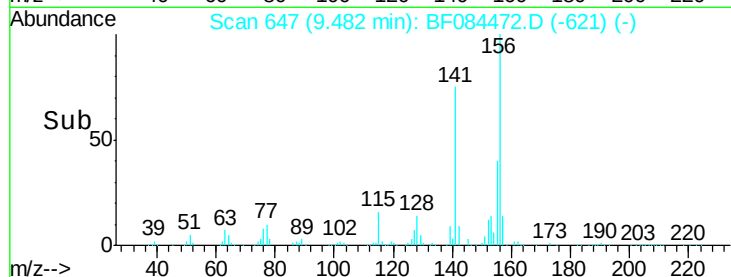
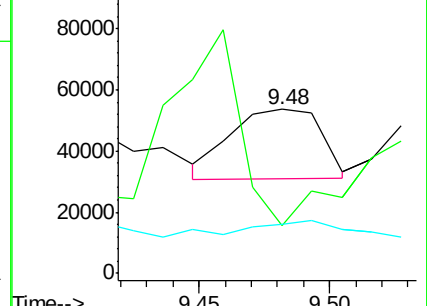
138 29.6 71.1 106.7#



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): BF0



#48

Acenaphthylene

Concen: 3.68 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.06 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

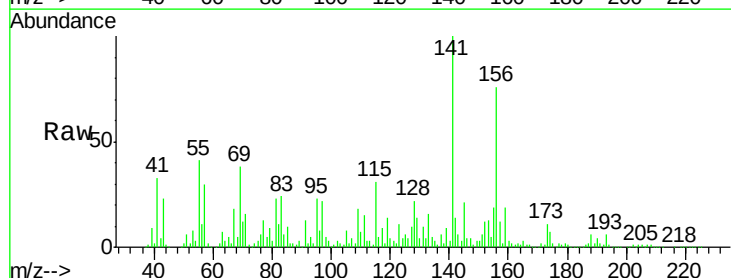
Tgt Ion: 152 Resp: 113448

Ion Ratio Lower Upper

152 100

151 50.2 16.3 24.5#

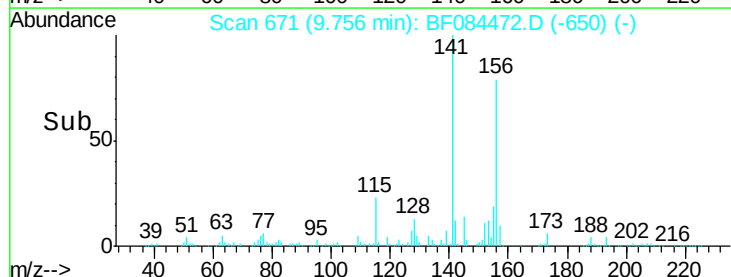
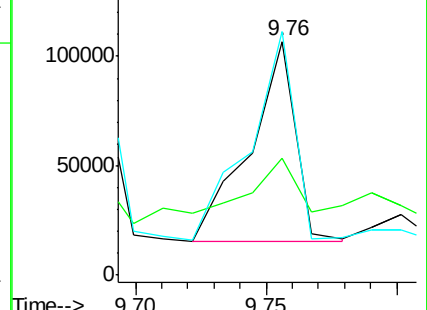
153 104.1 10.4 15.6#

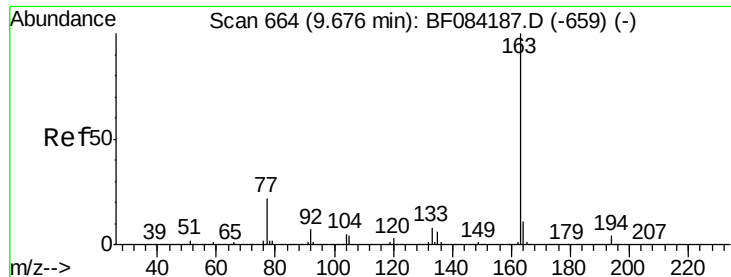


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

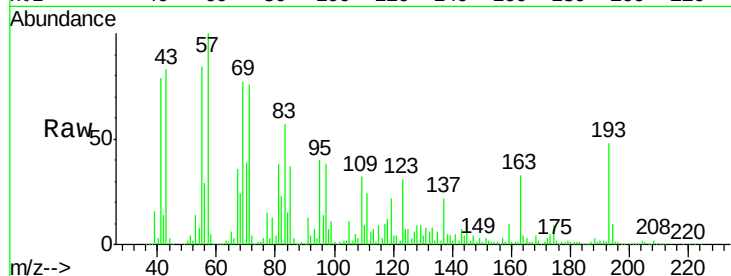




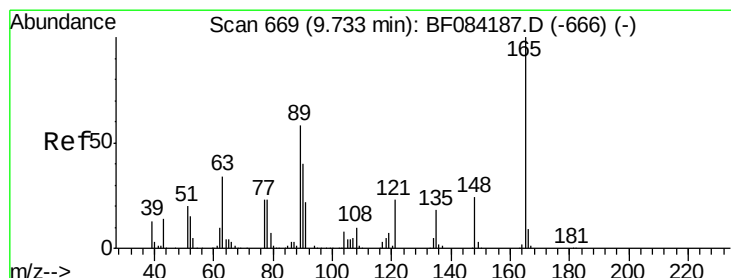
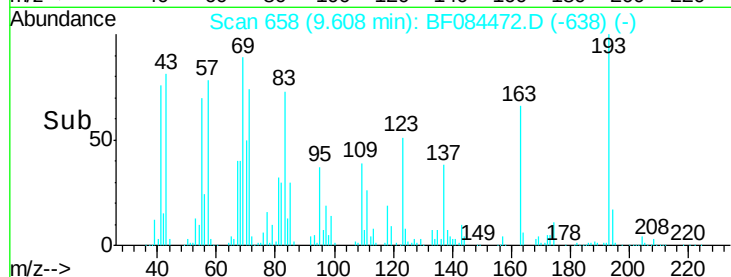
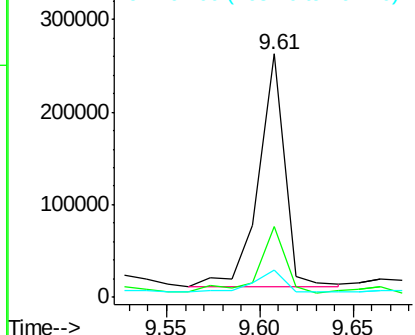
#49
Dimethylphthalate
Concen: 10.05 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.07 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

Instrument :
BNA_F
ClientSampleId :
RX2

Tot Ion:163 Resp: 240280
Ion Ratio Lower Upper
163 100
194 29.0 8.0 12.0#
164 11.4 8.0 12.0

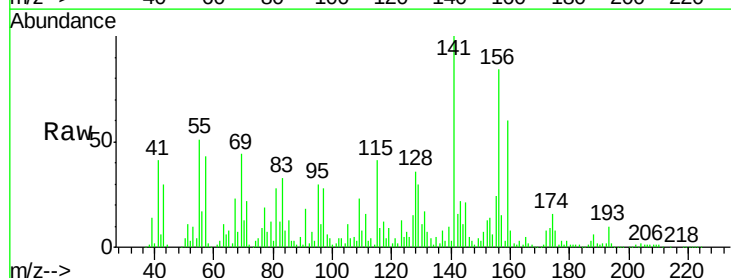


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

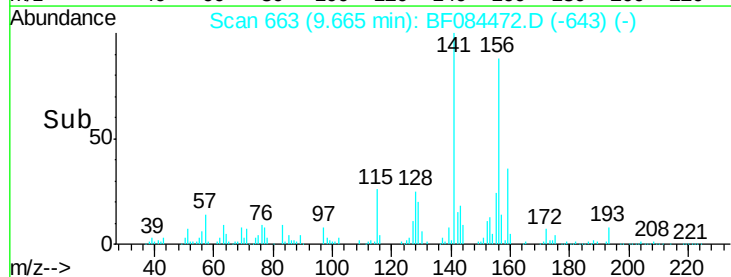
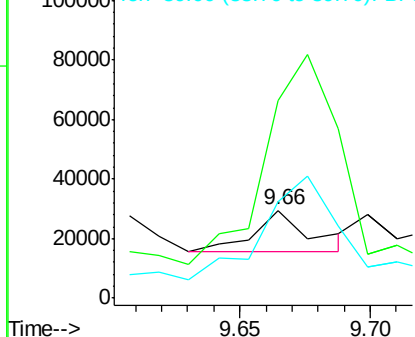


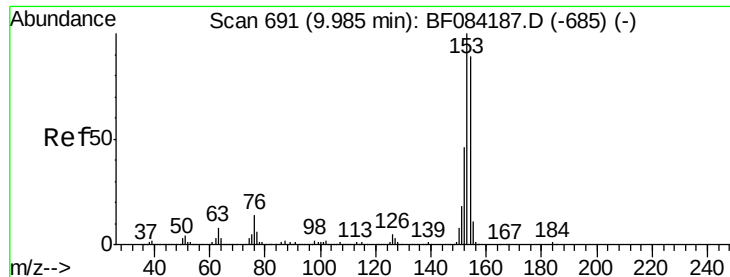
#50
2,6-Dinitrotoluene
Concen: 4.06 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.07 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

Tgt Ion:165 Resp: 21298
Ion Ratio Lower Upper
165 100
63 225.4 28.8 43.2#
89 109.1 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: 11.38 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.06 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

Instrument :

BNA_F

ClientSampleId :

RX2

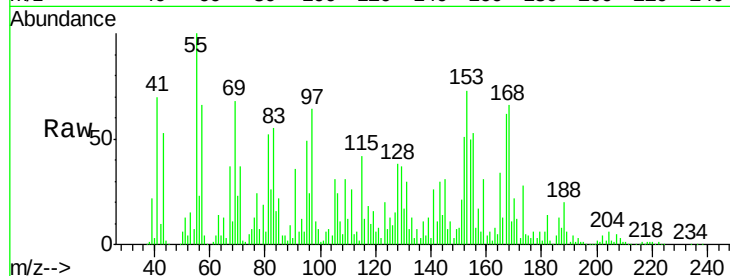
Tot Ion:154 Resp: 235568

Ion Ratio Lower Upper

154 100

153 146.0 91.5 137.3#

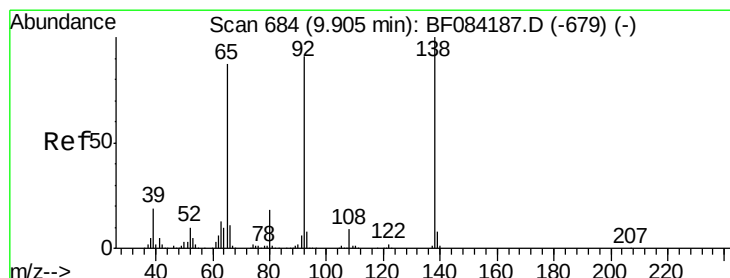
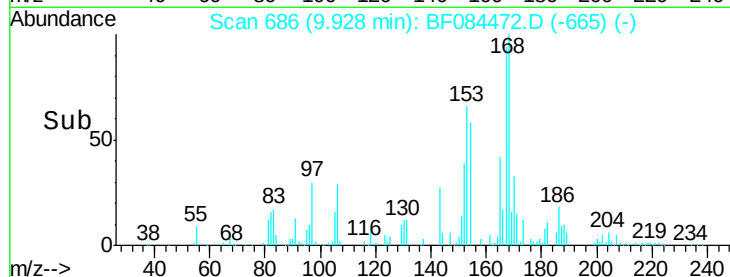
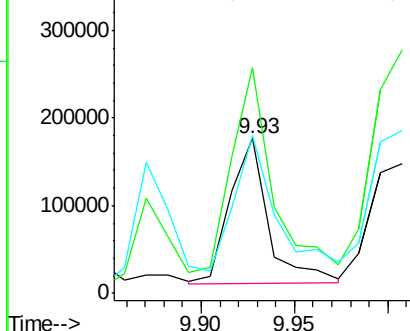
152 101.8 43.0 64.6#



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: 3.49 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

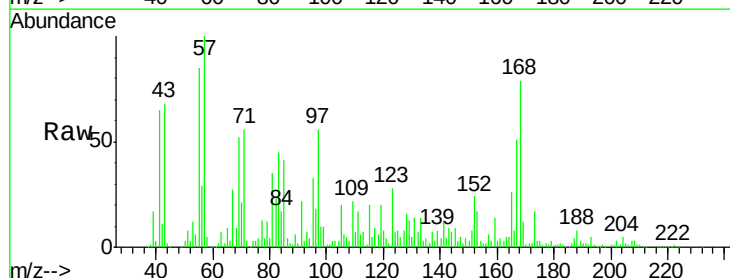
Tgt Ion:138 Resp: 22671

Ion Ratio Lower Upper

138 100

108 80.9 10.5 15.7#

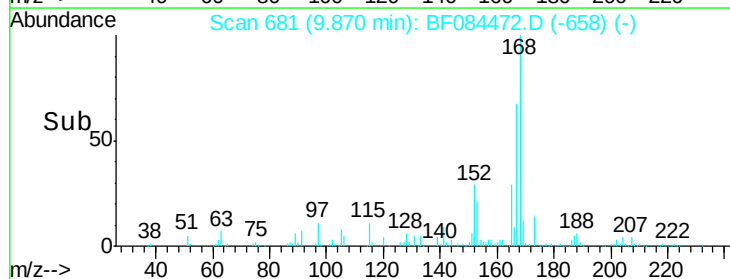
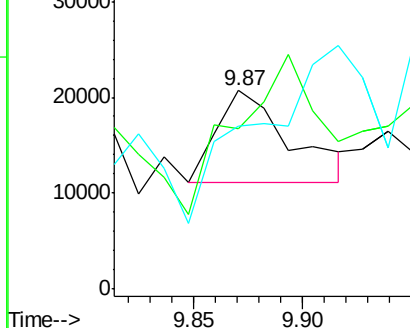
92 82.2 103.9 155.9#

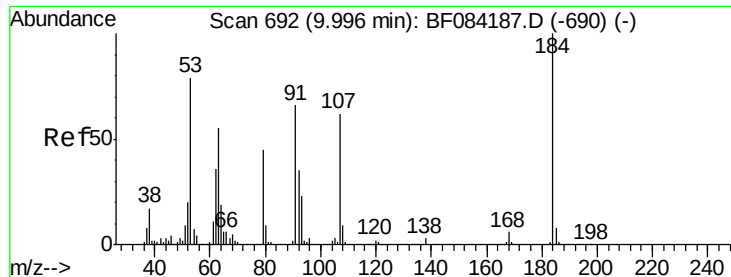


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

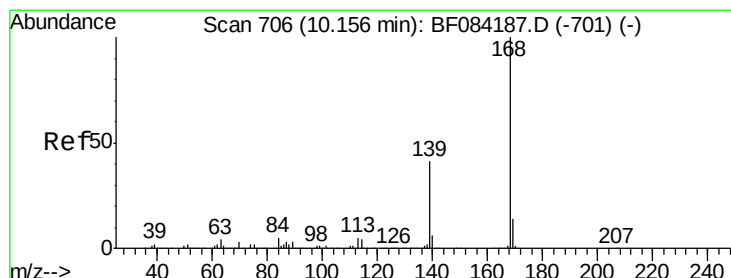
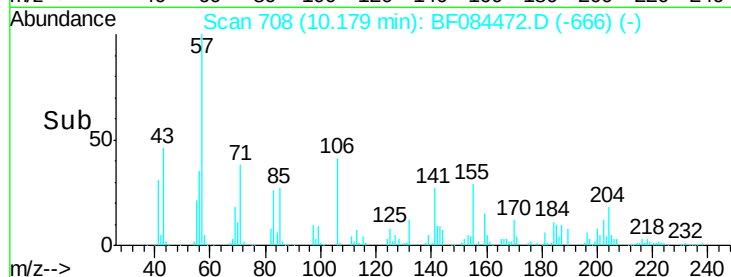
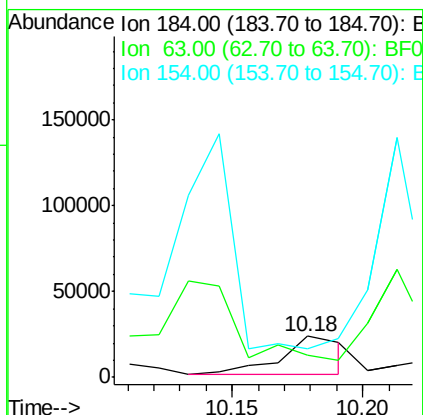
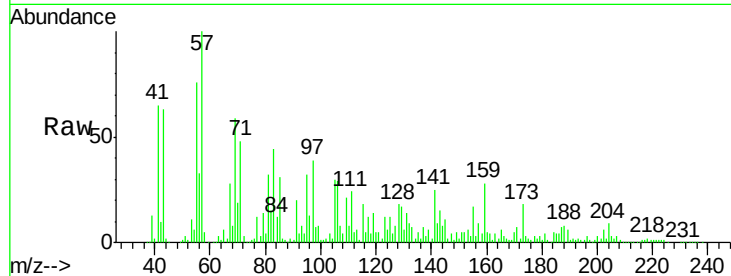




#53
2,4-Dinitrophenol
Concen: 19.69 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.18 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

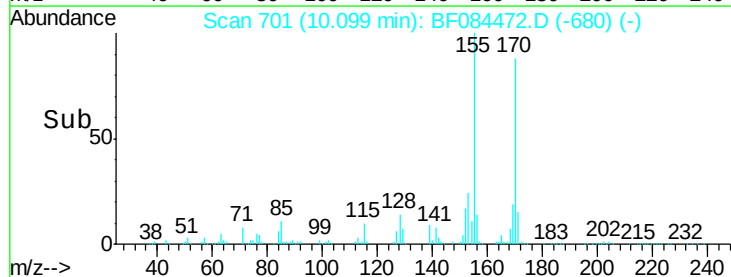
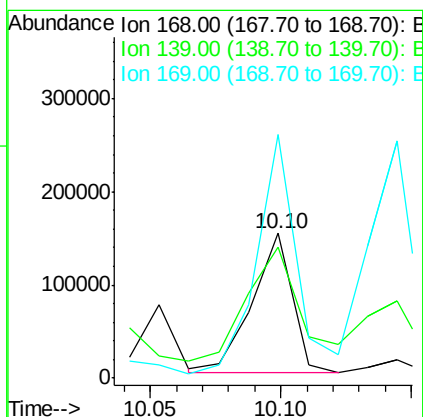
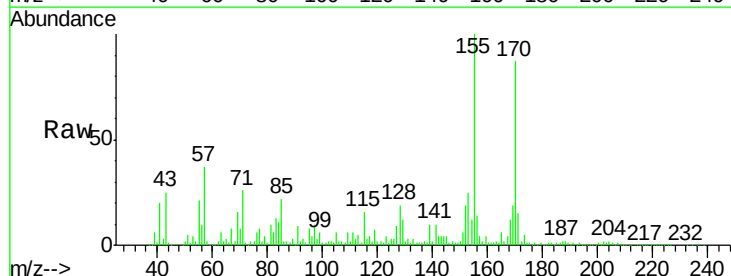
Instrument :
BNA_F
ClientSampleId :
RX2

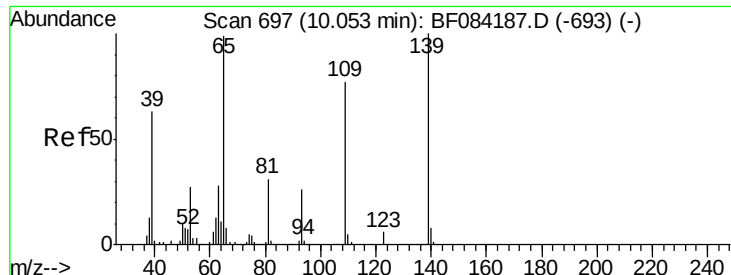
Tot Ion:184 Resp: 37722
Ion Ratio Lower Upper
184 100
63 54.5 43.1 64.7
154 69.8 60.5 90.7



#54
Dibenzofuran
Concen: 3.20 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.06 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

Tgt Ion:168 Resp: 159776
Ion Ratio Lower Upper
168 100
139 90.3 30.5 45.7#
169 168.5 10.4 15.6#

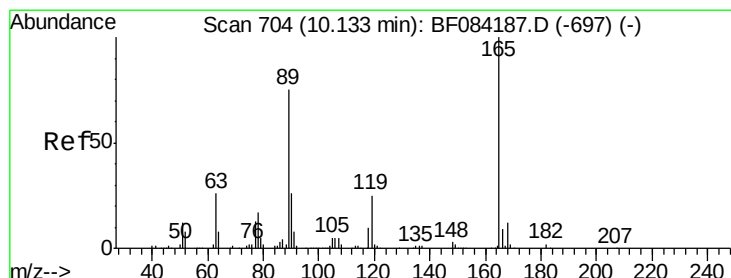
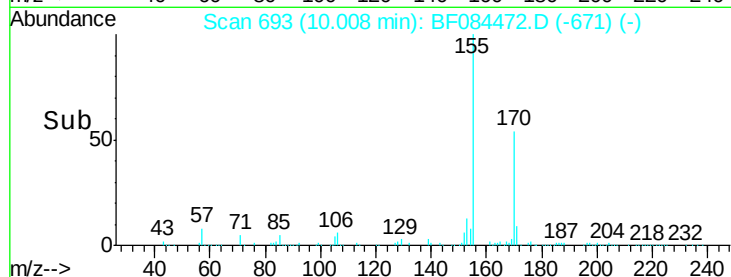
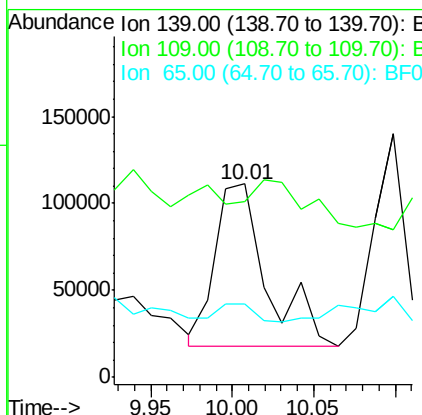
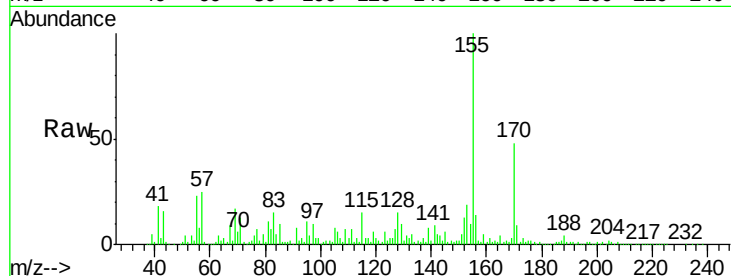




#55
4-Nitrophenol
Concen: 43.30 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.05 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

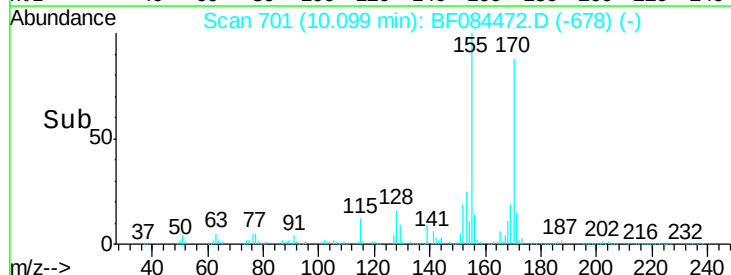
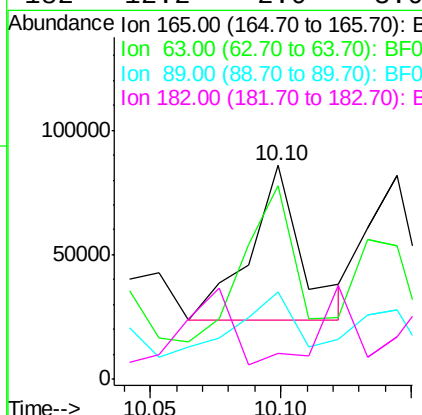
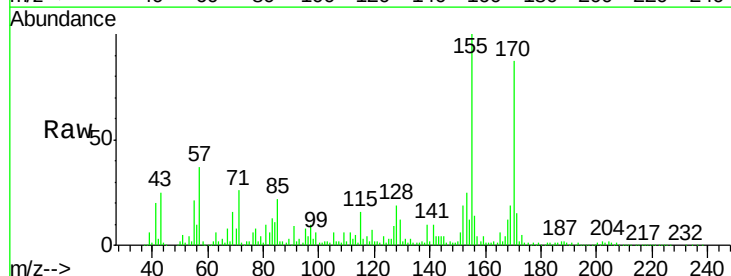
Instrument :
BNA_F
ClientSampled :
RX2

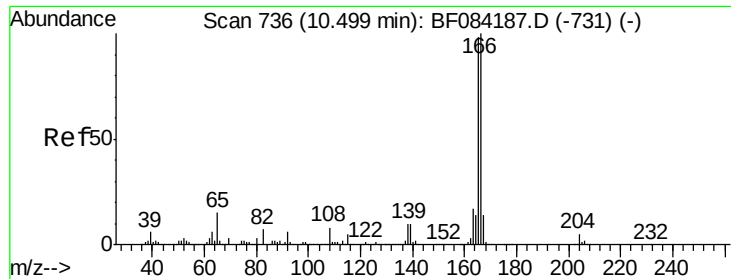
Tot Ion:139 Resp: 204249
Ion Ratio Lower Upper
139 100
109 91.1 58.5 98.5
65 37.7 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 12.93 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

Tgt Ion:165 Resp: 85846
Ion Ratio Lower Upper
165 100
63 90.7 36.7 55.1#
89 40.6 61.9 92.9#
182 12.2 2.0 3.0#

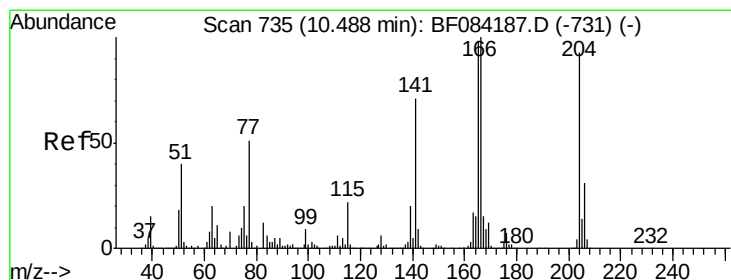
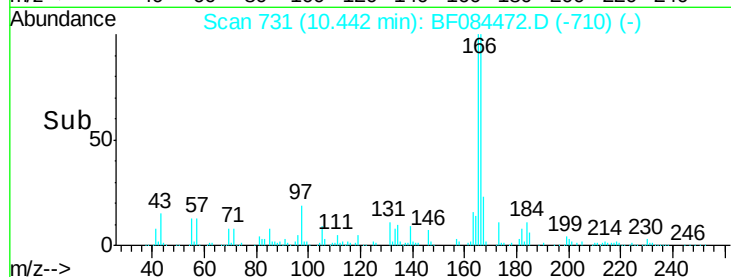
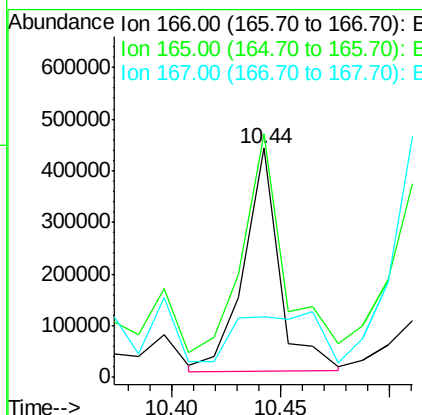
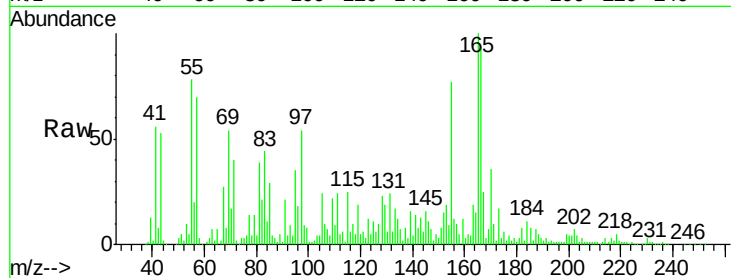




#57
Fluorene
Concen: 22.39 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.06 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

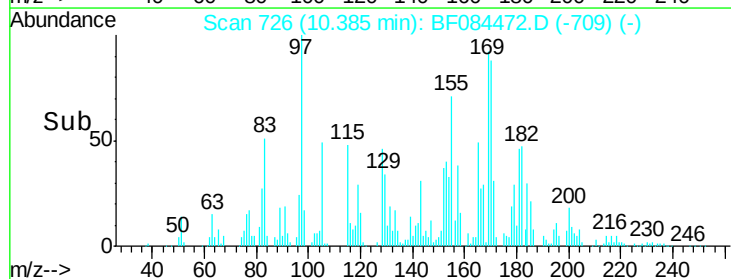
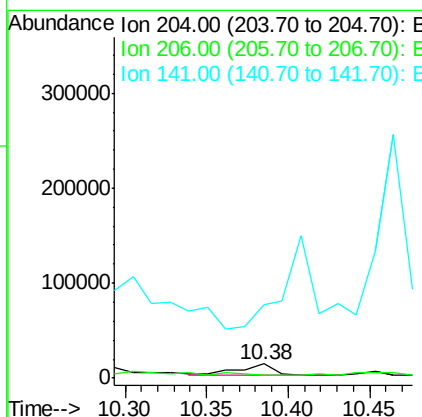
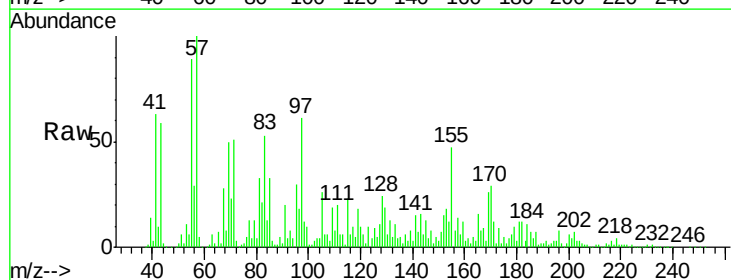
Instrument :
BNA_F
ClientSampleId :
RX2

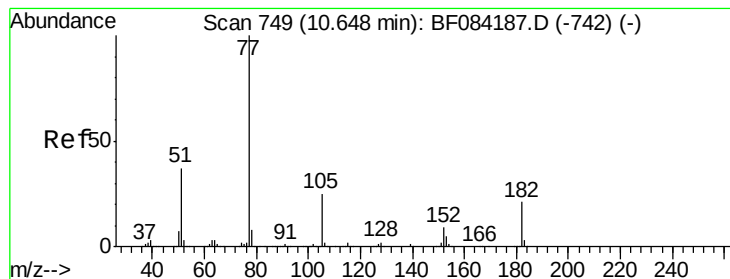
Tot Ion:166 Resp: 488850
Ion Ratio Lower Upper
166 100
165 106.3 79.1 118.7
167 26.6 10.4 15.6#



#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.38 min Scan# 726
Delta R.T. -0.10 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

Tgt Ion:204 Resp: 17478
Ion Ratio Lower Upper
204 100
206 24.4 25.7 38.5#
141 512.2 55.1 82.7#





#62

Azobenzene

Concen: 2.51 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.06 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

Instrument :

BNA_F

ClientSampleId :

RX2

Tot Ion: 77 Resp: 64827

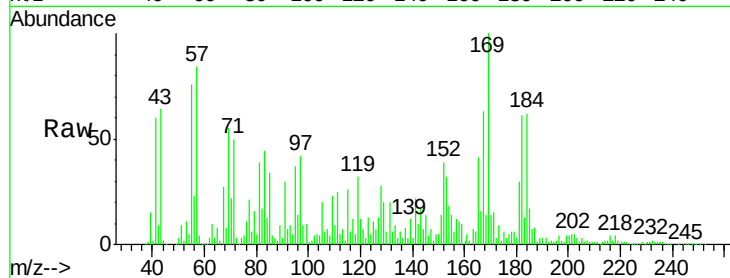
Ion Ratio Lower Upper

77 100

182 295.1 8.3 48.3#

105 99.1 4.6 44.6#

51 44.0 6.2 46.2

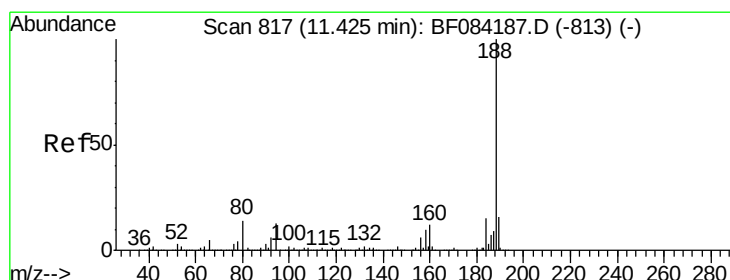
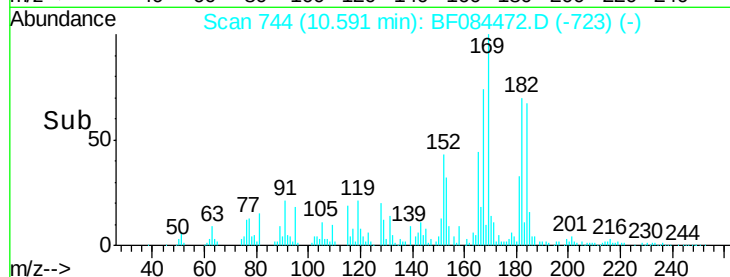
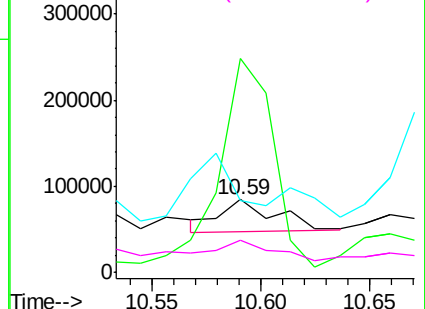


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

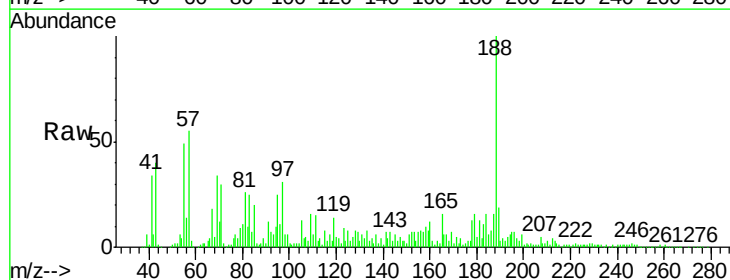
Tgt Ion: 188 Resp: 627495

Ion Ratio Lower Upper

188 100

94 10.4 9.0 13.4

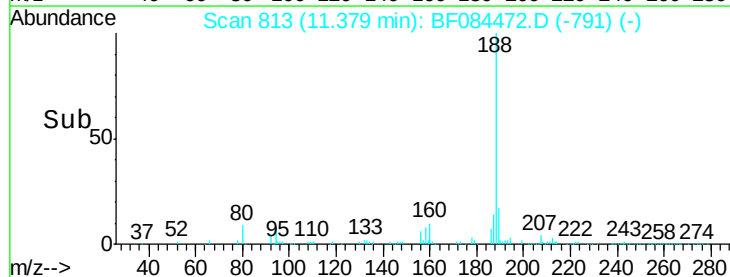
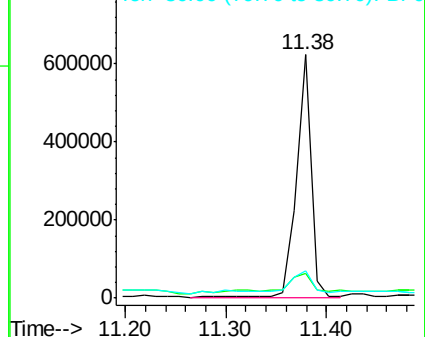
80 11.2 9.6 14.4

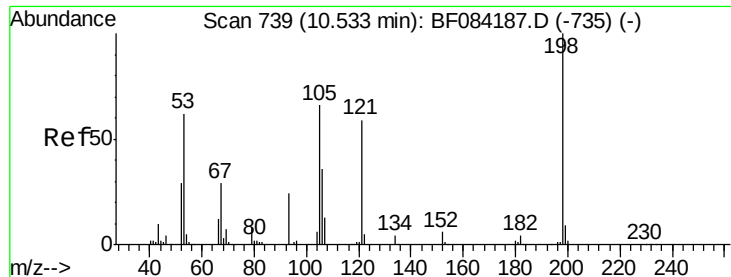


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 7.24 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

Instrument :

BNA_F

ClientSampleId :

RX2

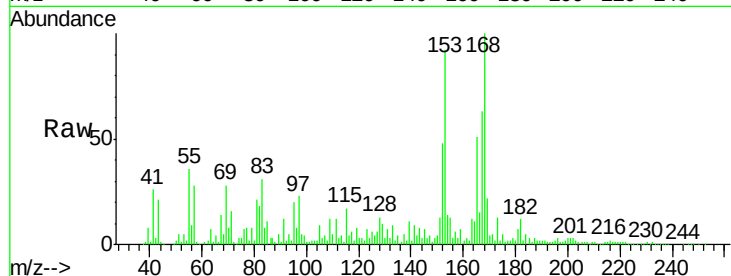
Tot Ion:198 Resp: 4318

Ion Ratio Lower Upper

198 100

51 688.7 18.9 58.9#

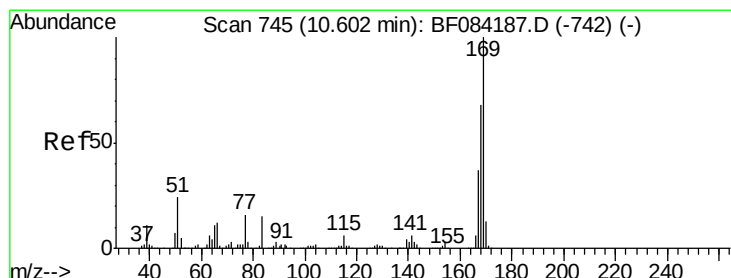
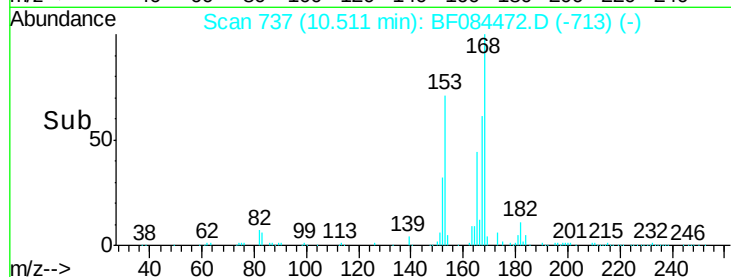
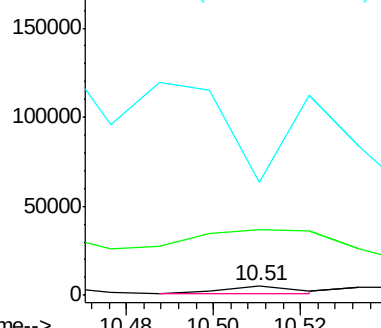
105 1173.3 26.4 66.4#



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: 42.34 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.05 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

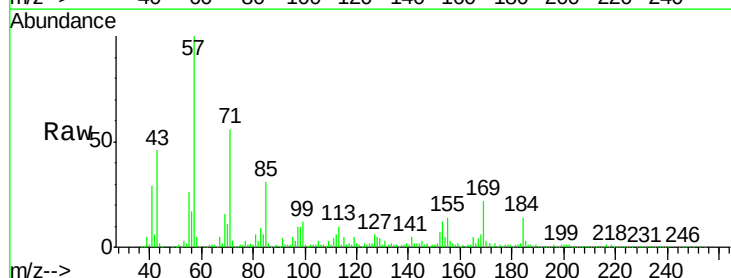
Tgt Ion:169 Resp: 849492

Ion Ratio Lower Upper

169 100

168 28.1 55.1 82.7#

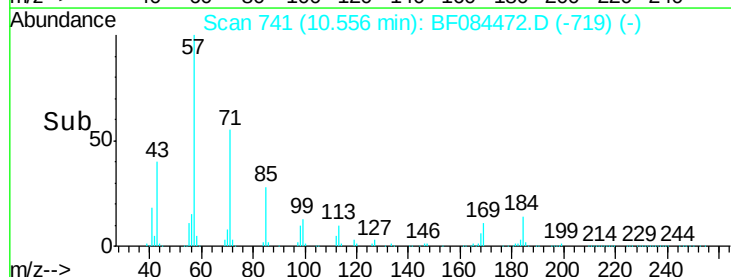
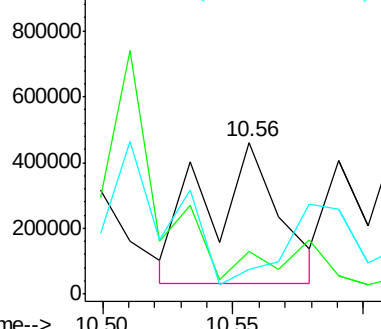
167 16.0 30.0 45.0#

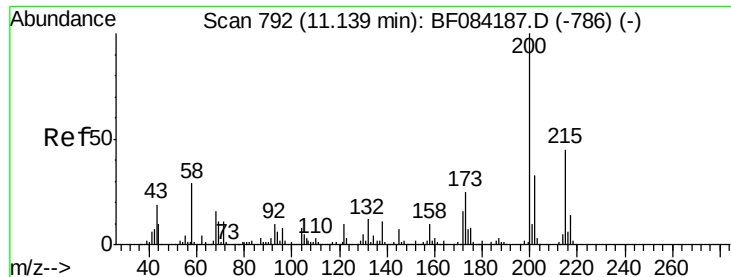


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

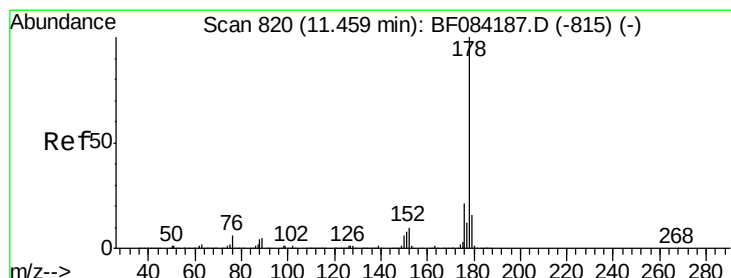
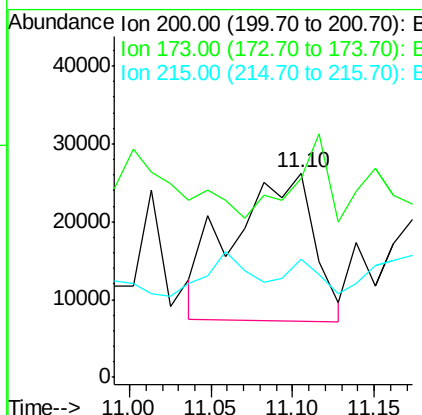
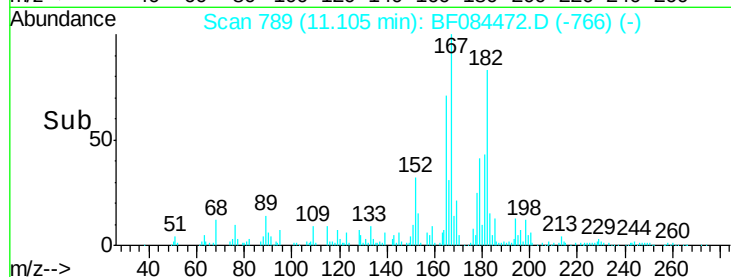
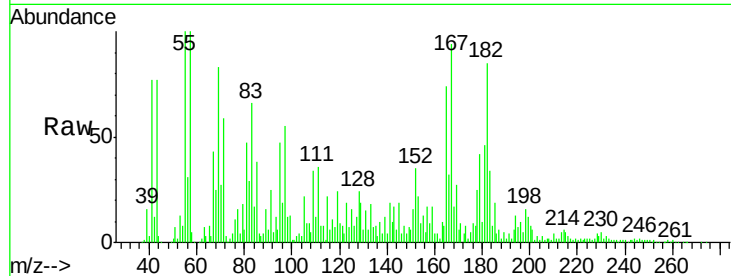




#68
Atrazine
Concen: 10.07 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

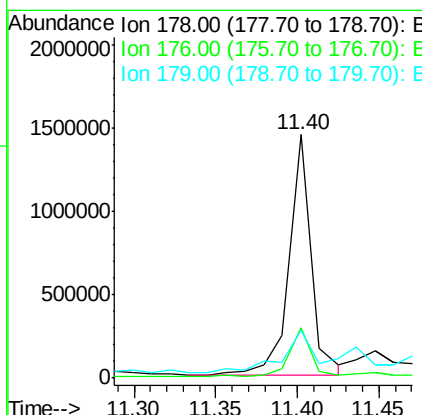
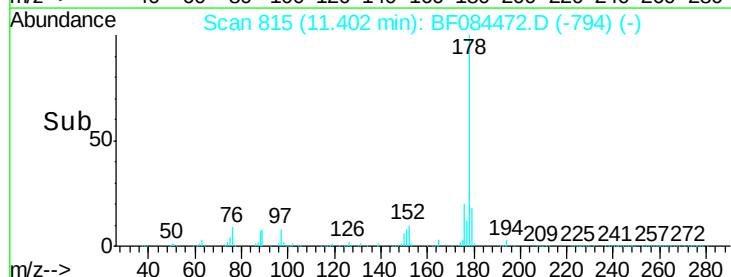
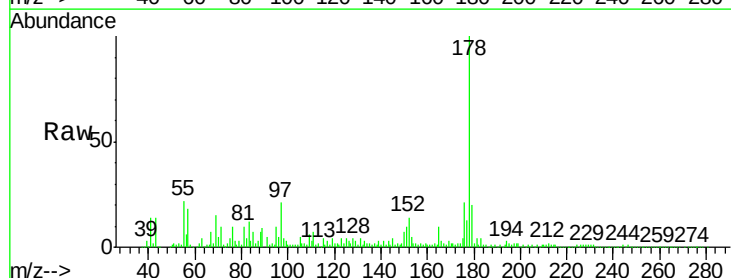
Instrument :
BNA_F
ClientSampled :
RX2

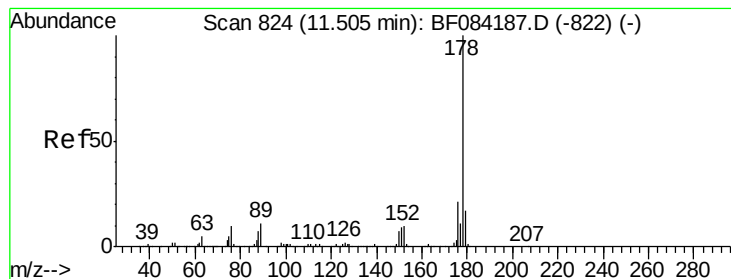
Tot Ion:200 Resp: 66106
Ion Ratio Lower Upper
200 100
173 97.5 9.5 49.5#
215 58.0 23.8 63.8



#70
Phenanthrene
Concen: 42.20 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.06 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

Tgt Ion:178 Resp: 1385034
Ion Ratio Lower Upper
178 100
176 20.8 15.3 22.9
179 19.8 12.0 18.0#





#71

Anthracene

Concen: 26.56 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

Instrument :

BNA_F

ClientSampled :

RX2

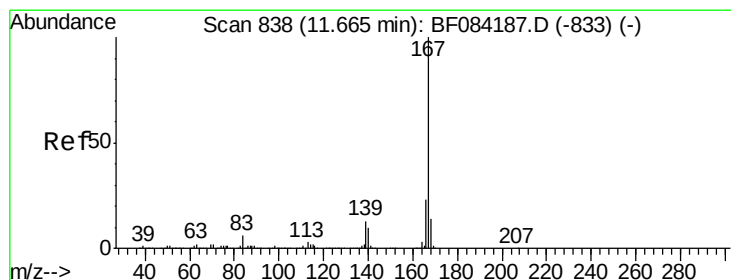
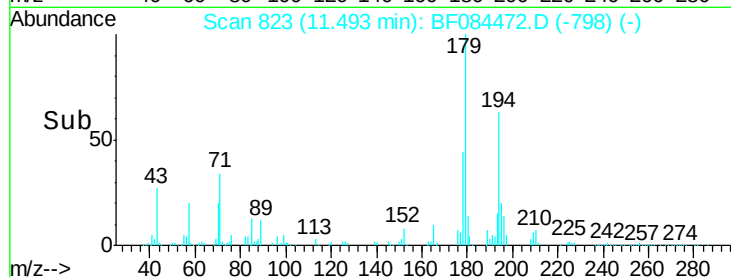
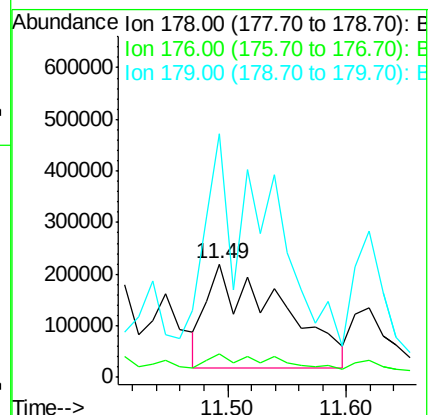
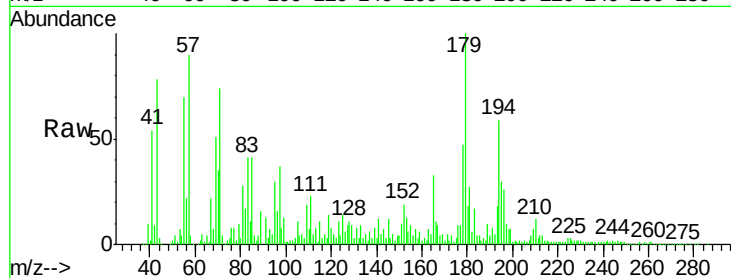
Tot Ion:178 Resp: 854738

Ion Ratio Lower Upper

178 100

176 20.4 15.4 23.0

179 214.7 12.5 18.7#



#72

Carbazole

Concen: 2.44 ng

RT: 11.61 min Scan# 833

Delta R.T. -0.06 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

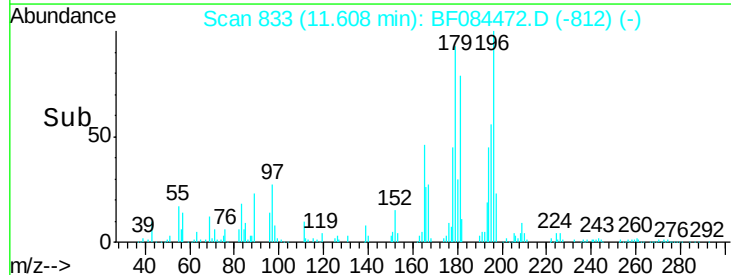
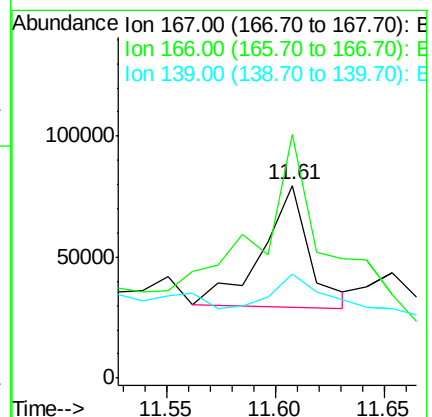
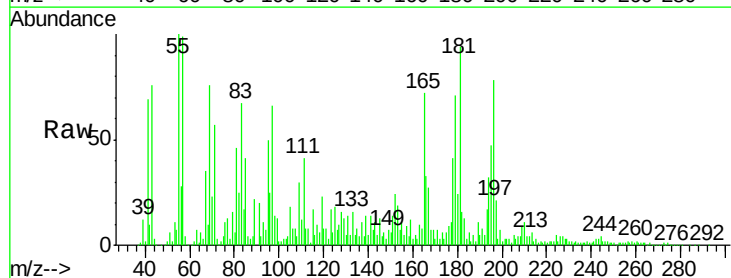
Tgt Ion:167 Resp: 76657

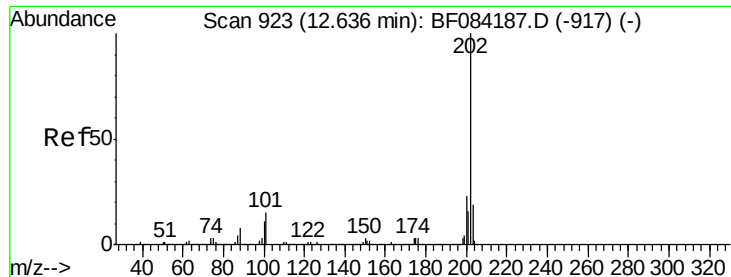
Ion Ratio Lower Upper

167 100

166 126.1 17.6 26.4#

139 54.3 11.8 17.8#





#74

Fluoranthene

Concen: 2.12 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.06 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

Instrument :

BNA_F

ClientSampleId :

RX2

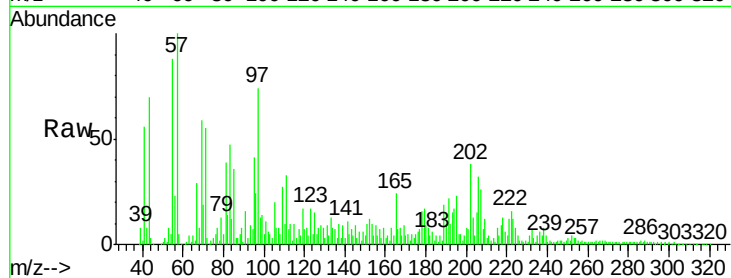
Tot Ion:202 Resp: 72671

Ion Ratio Lower Upper

202 100

101 27.8 0.0 32.8

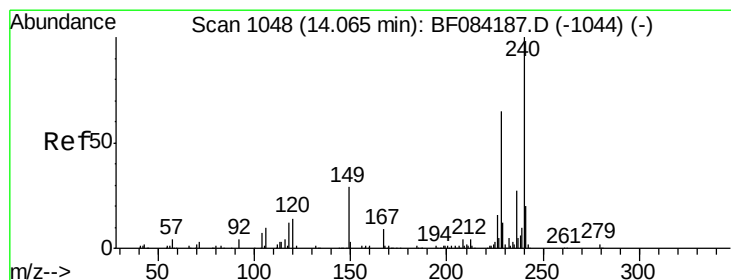
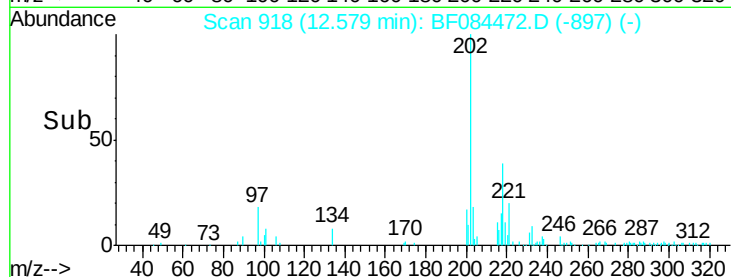
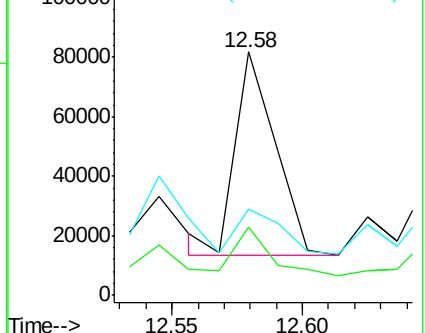
203 35.5 0.0 37.9



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: 14.00 min Scan# 1042

Delta R.T. -0.07 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

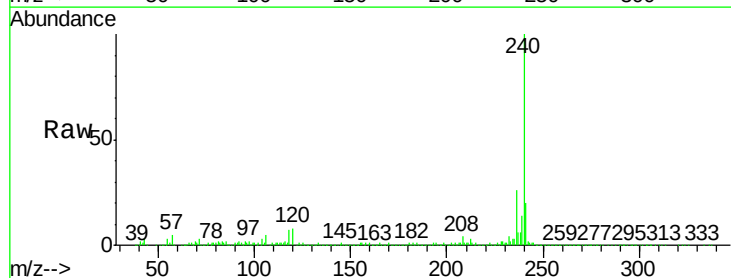
Tgt Ion:240 Resp: 710120

Ion Ratio Lower Upper

240 100

120 7.8 9.5 14.3#

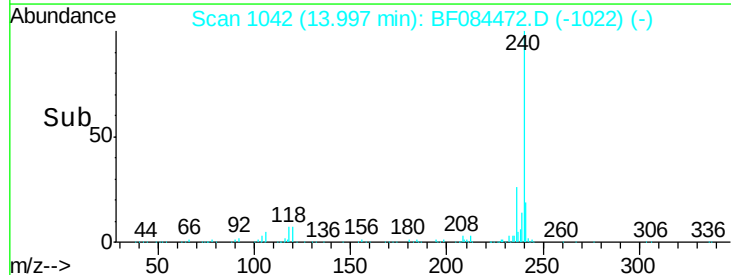
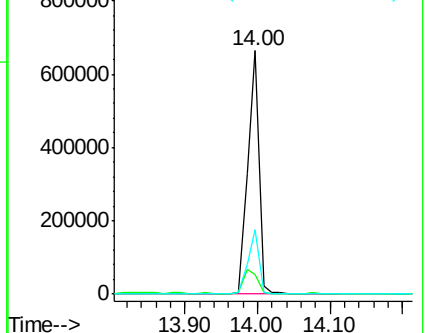
236 26.3 20.6 31.0

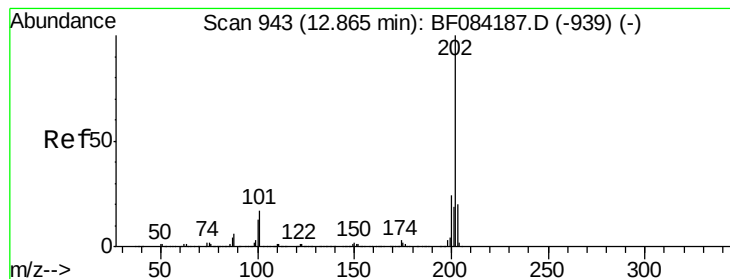


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 6.69 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.06 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

Instrument :

BNA_F

ClientSampleId :

RX2

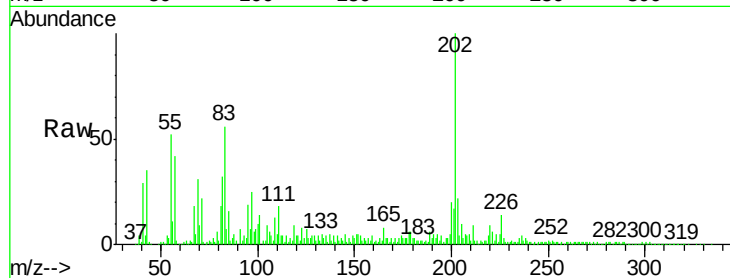
Tot Ion:202 Resp: 372742

Ion Ratio Lower Upper

202 100

200 20.4 17.2 25.8

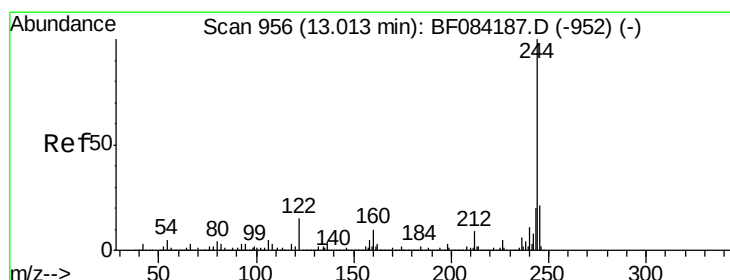
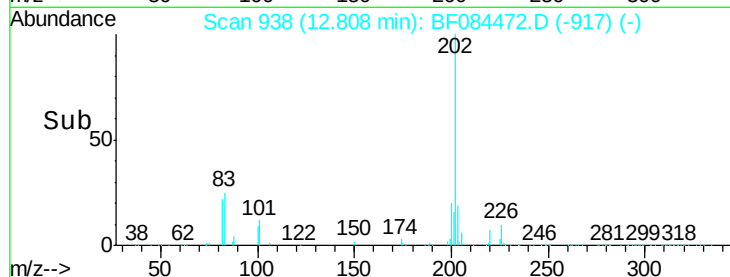
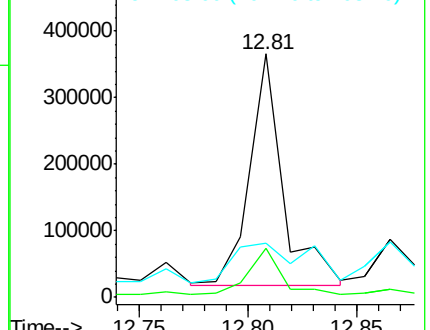
203 22.3 14.3 21.5#



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: 52.52 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.06 min

Lab File: BF084472.D

Acq: 14 Jan 2016 6:25

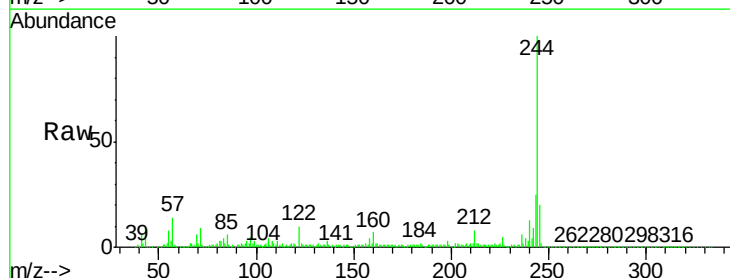
Tgt Ion:244 Resp: 1670925

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

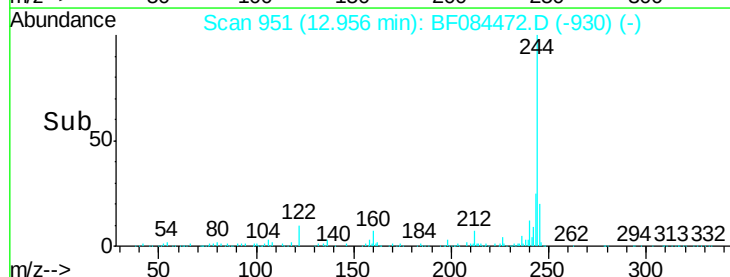
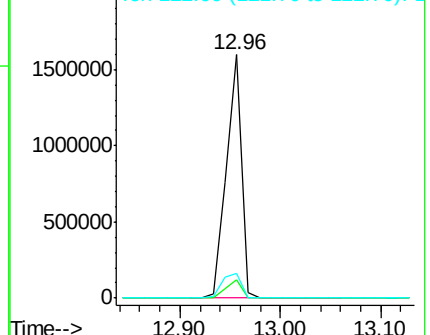
122 10.3 7.4 11.0

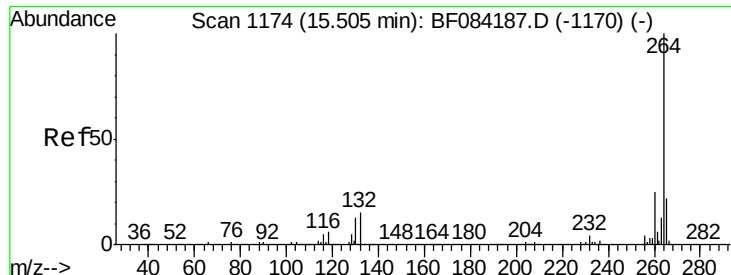


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 min Scan# 1165
Delta R.T. -0.10 min
Lab File: BF084472.D
Acq: 14 Jan 2016 6:25

Instrument :
BNA_F
ClientSampleId :
RX2

Tot Ion:	264	Resp:	540948
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.4	29.2
265	22.3	17.8	26.6

