

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084276.D
 Acq On : 5 Jan 2016 10:07
 Operator : UM/SJ
 Sample : G4949-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 05 11:22:41 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	248410	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	852020	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	377096	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	647485	20.00	ng	0.01
75) Chrysene-d12	14.05	240	589494	20.00	ng	-0.01
86) Perylene-d12	15.49	264	541172	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1612089	104.97	ng	0.01
7) Phenol-d6	6.53	99	2110904	109.44	ng	0.00
23) Nitrobenzene-d5	7.46	82	1518558	99.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	310133	81.46	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1709087	79.31	ng	0.00
78) Terphenyl-d14	13.00	244	1620146	61.35	ng	-0.01

Target Compounds						Qvalue
15) Benzyl Alcohol	7.05	79	35462	2.19	ng	# 45
18) Hexachloroethane	7.42	117	113990	15.81	ng	# 17
19) n-Nitroso-di-n-propylamine	7.32	70	47383	3.63	ng	# 71
24) Nitrobenzene	7.44	77	50374	3.24	ng	# 34
25) Isophorone	7.70	82	198704	6.79	ng	# 1
26) 2-Nitrophenol	7.80	139	14428	2.04	ng	# 1
27) 2,4-Dimethylphenol	7.84	122	31652	2.21	ng	# 1
28) bis(2-Chloroethoxy)methane	7.98	93	48352	2.70	ng	# 1
29) 2,4-Dichlorophenol	8.02	162	23861	2.00	ng	# 1
31) Naphthalene	8.20	128	379552	9.82	ng	# 57
32) Benzoic acid	7.97	122	19726	8.11	ng	# 4
33) 4-Chloroaniline	8.20	127	59091	3.33	ng	# 1
35) Caprolactam	8.61	113	280203	69.76	ng	# 1
36) 4-Chloro-3-methylphenol	8.72	107	33243	2.49	ng	# 29
37) 2-Methylnaphthalene	8.90	142	338851	12.21	ng	# 94
47) 2-Nitroaniline	9.49	65	22542	2.90	ng	# 1
48) Acenaphthylene	9.81	152	91761	2.64	ng	# 1
49) Dimethylphthalate	9.66	163	337027	12.50	ng	# 67
50) 2,6-Dinitrotoluene	9.72	165	33936	5.74	ng	# 1
51) Acenaphthene	9.98	154	308778	13.24	ng	# 70
52) 3-Nitroaniline	9.90	138	21378	2.92	ng	# 31
53) 2,4-Dinitrophenol	9.88	184	2069	4.34	ng	# 1
54) Dibenzofuran	10.16	168	291728	7.16	ng	# 6
55) 4-Nitrophenol	10.05	139	133281	25.06	ng	# 64
56) 2,4-Dinitrotoluene	10.16	165	56308	7.52	ng	# 52
57) Fluorene	10.50	166	674983	27.99	ng	# 95
60) 4-Chlorophenyl-phenylether	10.51	204	4937	Below Cal		# 1
64) 4,6-Dinitro-2-methylphenol	10.57	198	6672	7.65	ng	# 1
65) n-Nitrosodiphenylamine	10.61	169	974006	47.05	ng	# 48
68) Atrazine	11.15	200	16900	2.49	ng	# 1
70) Phenanthrene	11.46	178	1879841	55.50	ng	# 93
71) Anthracene	11.50	178	310111	9.34	ng	# 88
72) Carbazole	11.66	167	83092	2.56	ng	# 5
73) Di-n-butylphthalate	11.97	149	23731	Below Cal		# 1

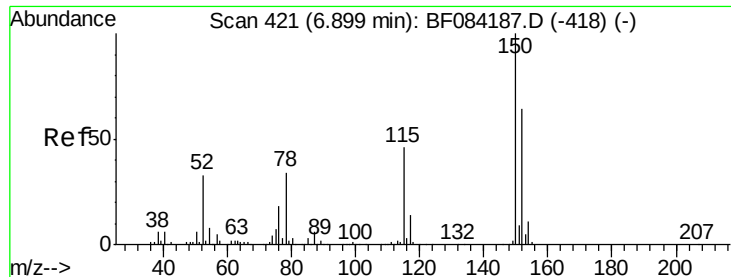
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084276.D
 Acq On : 5 Jan 2016 10:07
 Operator : UM/SJ
 Sample : G4949-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 05 11:22:41 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)
74) Fluoranthene	12.64	202	1037560	29.33	nq	98
77) Pyrene	12.87	202	1028391	22.23	nq	99
80) Benzo(a)anthracene	14.04	228	421476	12.18	nq	99
82) Chrysene	14.08	228	255111	7.67	nq	97
85) Indeno(1,2,3-cd)pyrene	16.90	276	143503	5.44	nq	96
87) Benzo(b)fluoranthene	15.07	252	479517	13.55	nq	# 95
88) Benzo(k)fluoranthene	15.07	252	479517	16.56	nq	99
89) Benzo(a)pyrene	15.43	252	257869	8.59	nq	# 95
91) Benzo(a,h,i)perylene	17.32	276	137853	5.15	nq	100

(#) = 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: BF084276.D

Acq: 5 Jan 2016 10:07

Instrument :

BNA_F

ClientSampled :

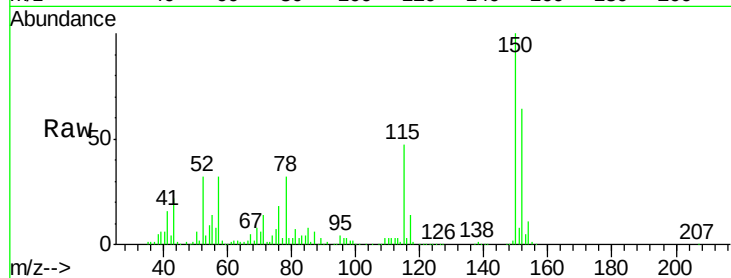
Tot Ion:152 Resp: 248410

Ion Ratio Lower Upper

152 100

150 156.8 123.0 184.4

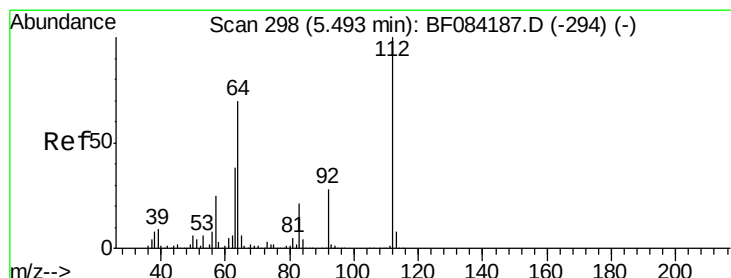
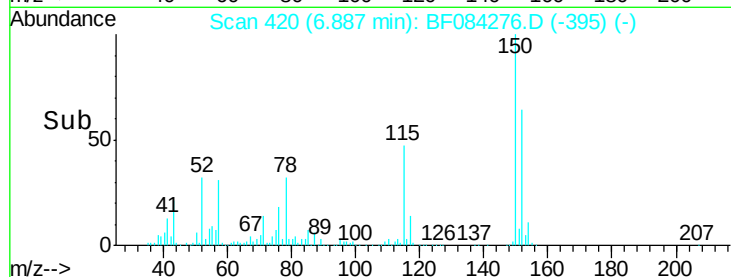
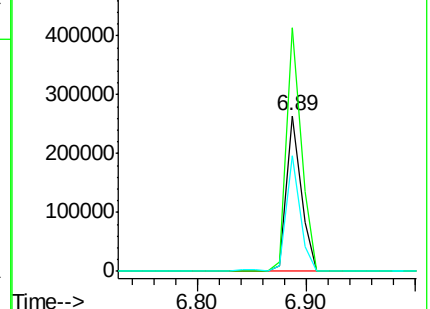
115 74.1 51.4 77.2



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: 104.97 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

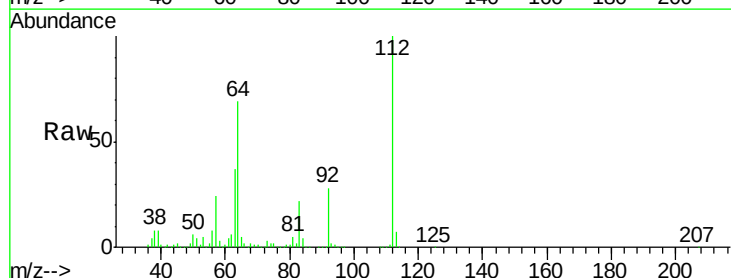
Tgt Ion:112 Resp: 1612089

Ion Ratio Lower Upper

112 100

64 69.3 36.6 55.0#

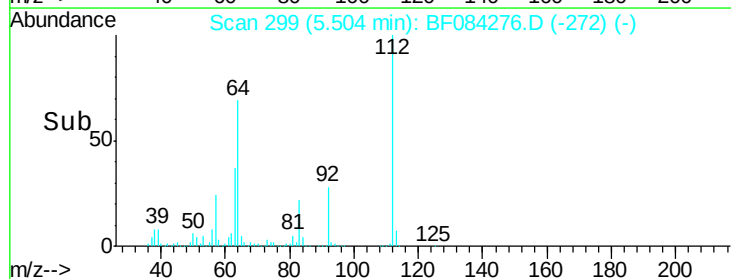
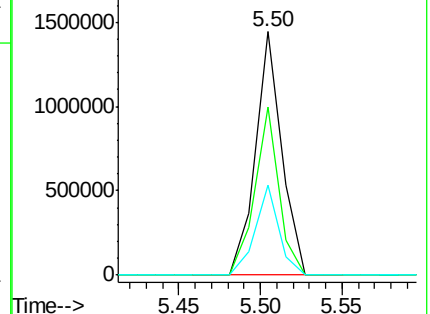
63 36.9 19.4 29.0#

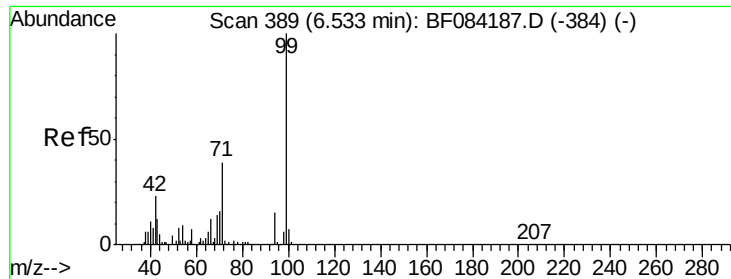


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.44 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

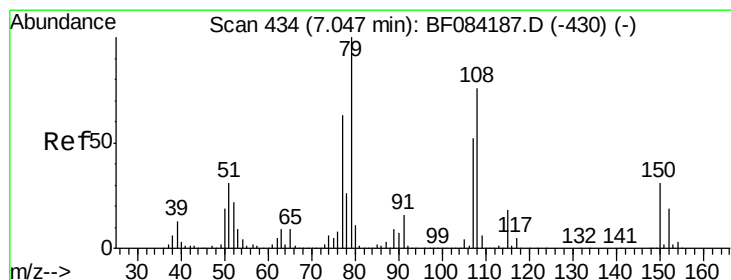
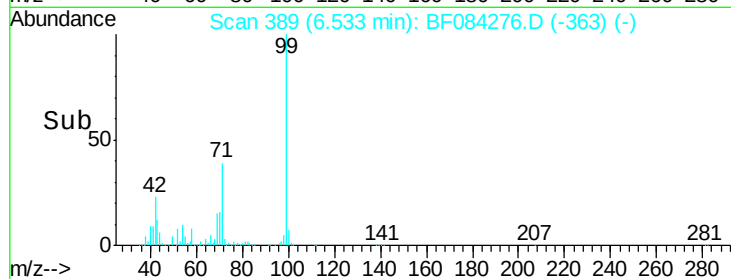
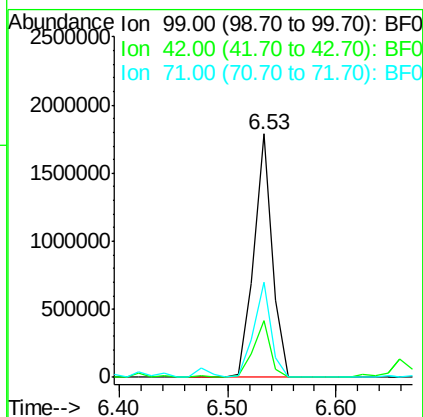
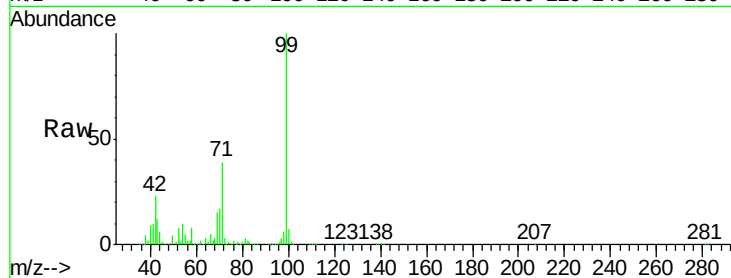
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2110904

Ion	Ratio	Lower	Upper
99	100		
42	23.4	12.8	19.2#
71	38.8	30.9	46.3



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 7.05 min Scan# 434

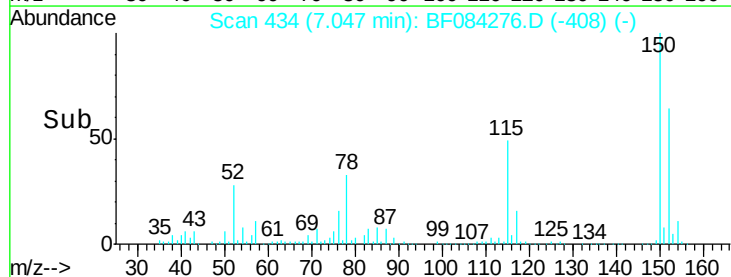
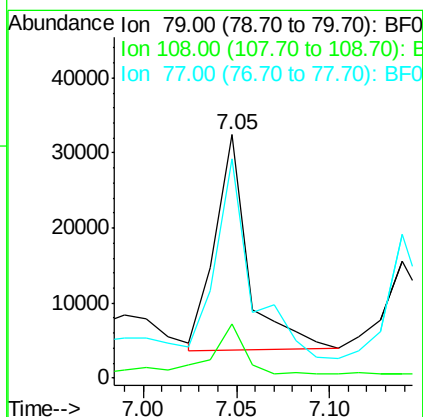
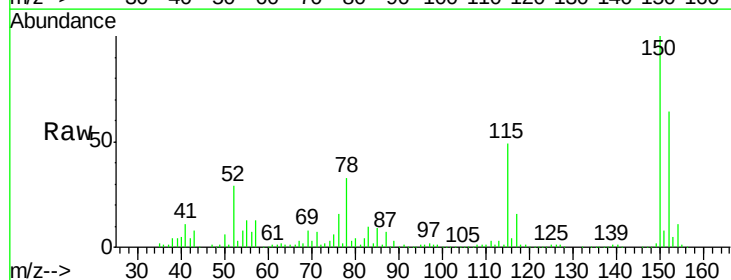
Delta R.T. 0.00 min

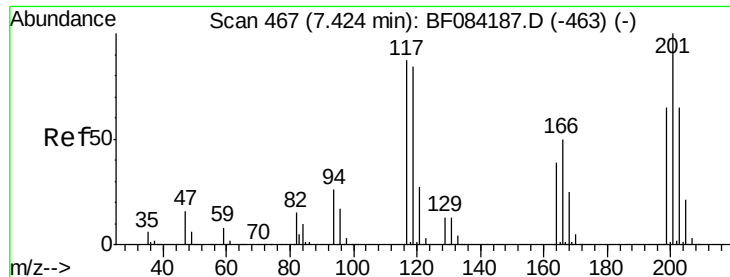
Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

Tgt Ion: 79 Resp: 35462

Ion	Ratio	Lower	Upper
79	100		
108	22.5	69.0	103.4#
77	90.0	50.0	75.0#

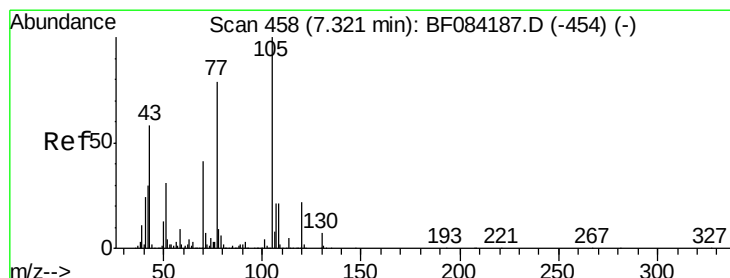
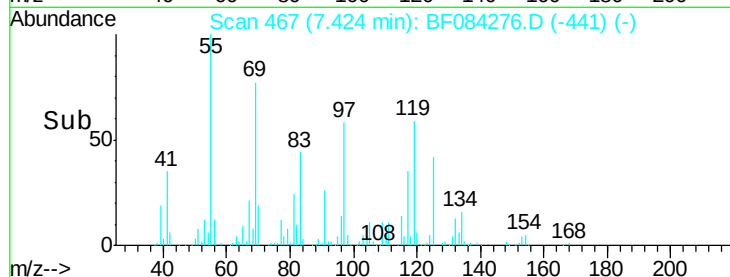
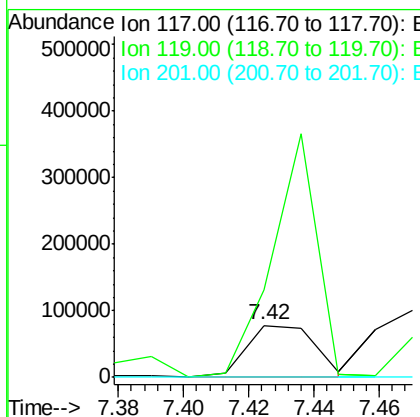
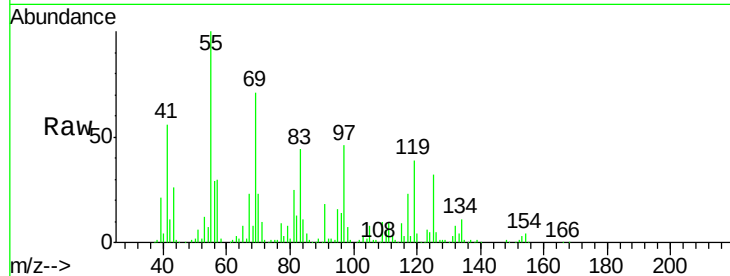




#18
Hexachloroethane
Concen: 15.81 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF084276.D
Acq: 5 Jan 2016 10:07

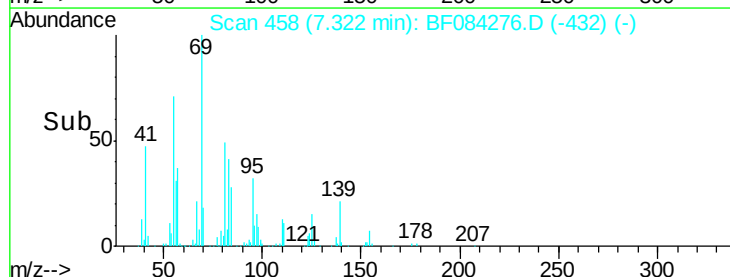
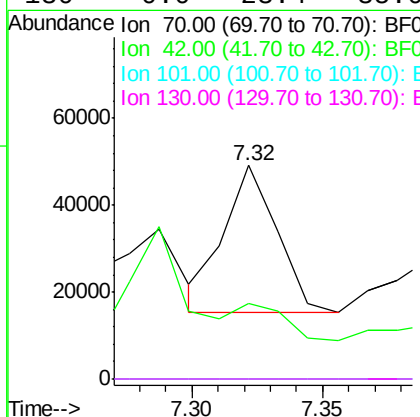
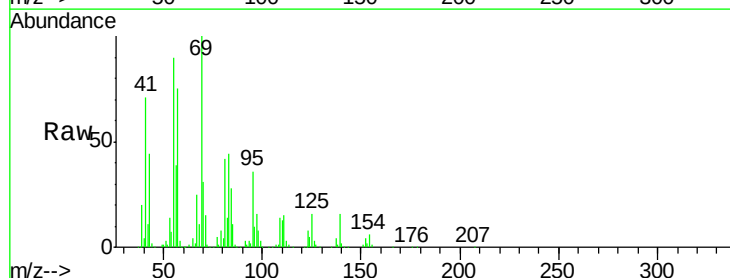
Instrument :
BNA_F
ClientSampleId :

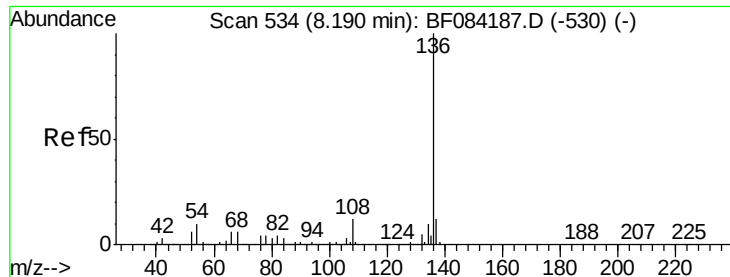
Tot Ion:117 Resp: 113990
Ion Ratio Lower Upper
117 100
119 169.2 77.4 116.0#
201 0.0 68.6 103.0#



#19
n-Nitroso-di-n-propylamine
Concen: 3.63 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF084276.D
Acq: 5 Jan 2016 10:07

Tgt Ion: 70 Resp: 47383
Ion Ratio Lower Upper
70 100
42 35.3 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: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 852020

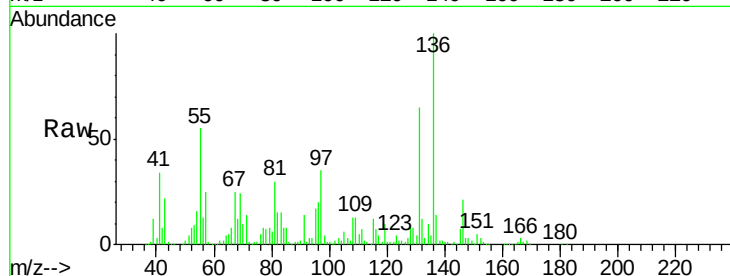
Ion Ratio Lower Upper

136 100

137 13.8 8.7 13.1#

54 16.1 5.8 8.8#

68 12.0 4.2 6.2#

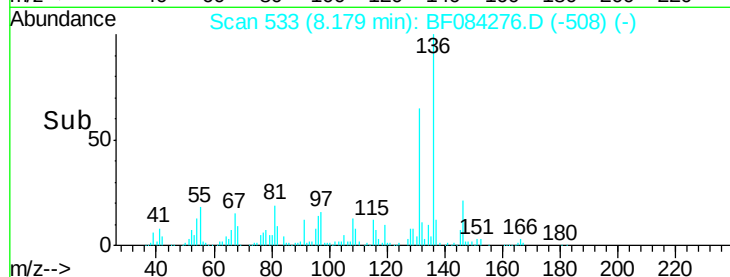


Abundance Ion 136.00 (135.70 to 136.70): E

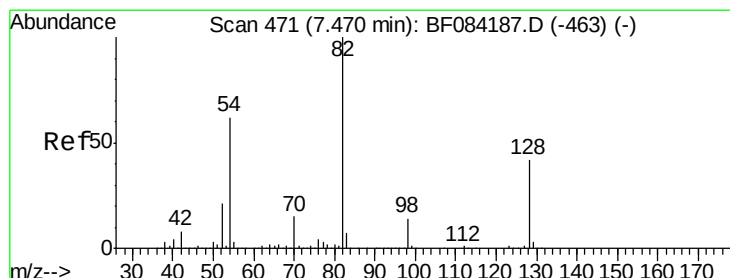
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 99.19 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

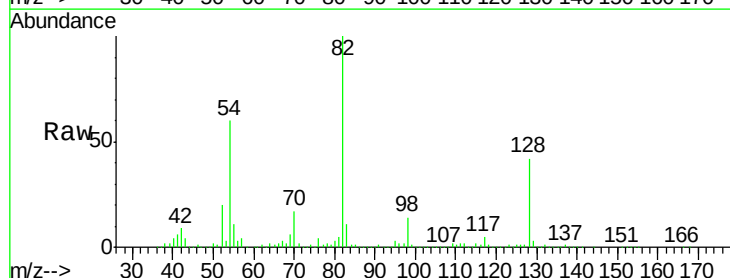
Tgt Ion: 82 Resp: 1518558

Ion Ratio Lower Upper

82 100

128 42.5 34.6 51.8

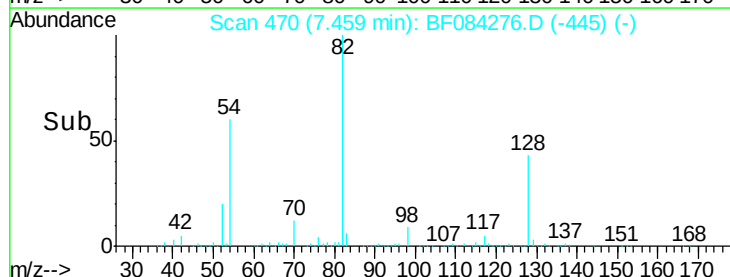
54 59.8 38.4 57.6#



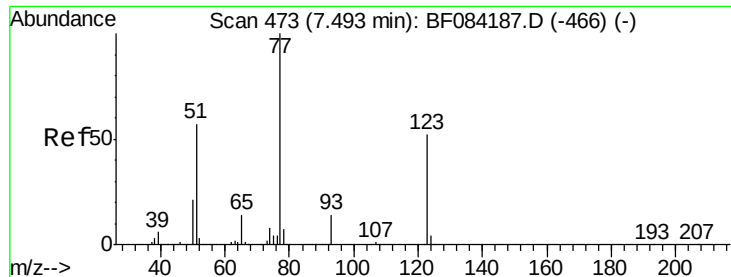
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



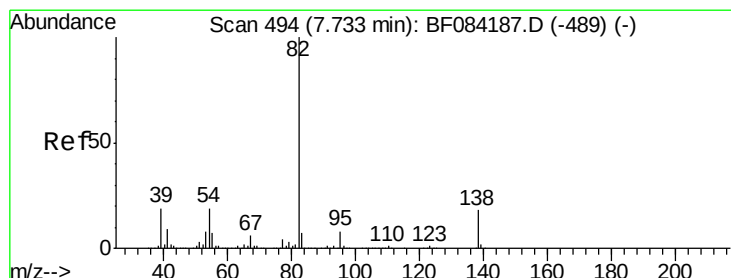
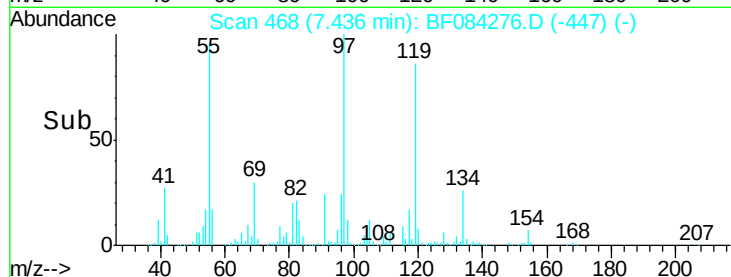
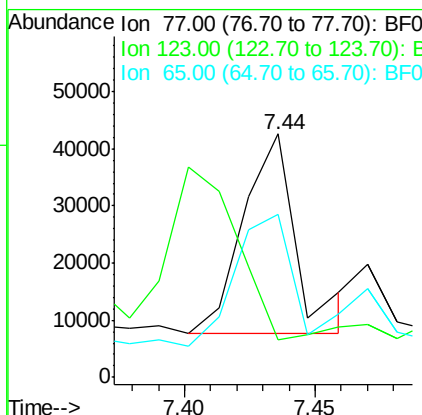
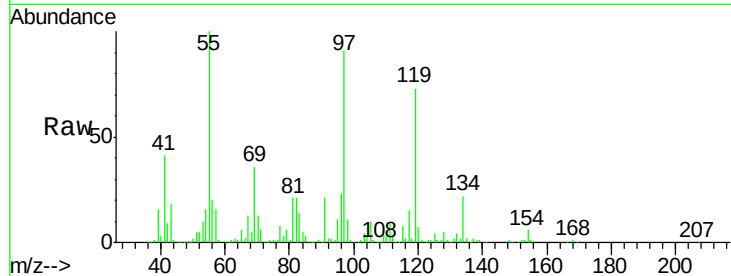
Time-->



#24
 Nitrobenzene
 Concen: 3.24 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.06 min
 Lab File: BF084276.D
 Acq: 5 Jan 2016 10:07

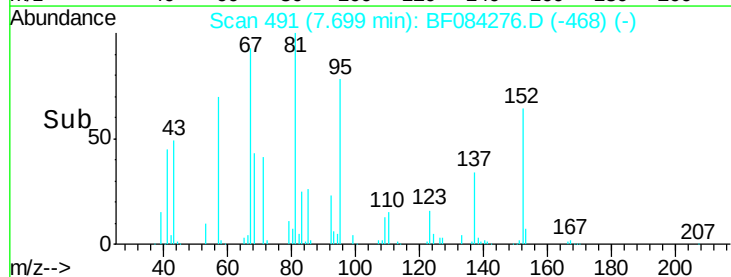
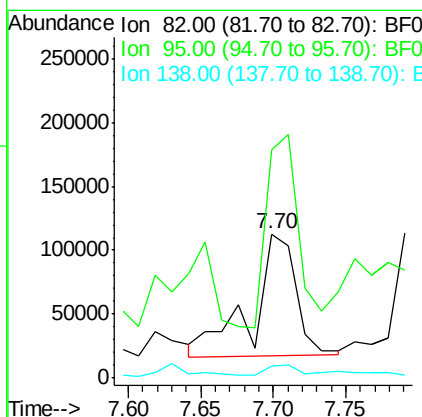
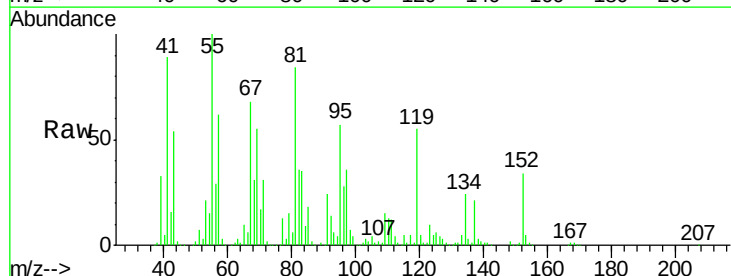
Instrument :
 BNA_F
 ClientSampleID :

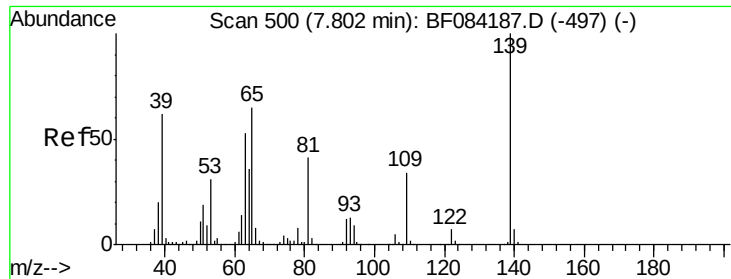
Tot Ion: 77 Resp: 50374
 Ion Ratio Lower Upper
 77 100
 123 15.4 37.4 56.2#
 65 67.1 10.9 16.3#



#25
 Isophorone
 Concen: 6.79 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.03 min
 Lab File: BF084276.D
 Acq: 5 Jan 2016 10:07

Tgt Ion: 82 Resp: 198704
 Ion Ratio Lower Upper
 82 100
 95 158.9 6.6 10.0#
 138 8.0 13.6 20.4#

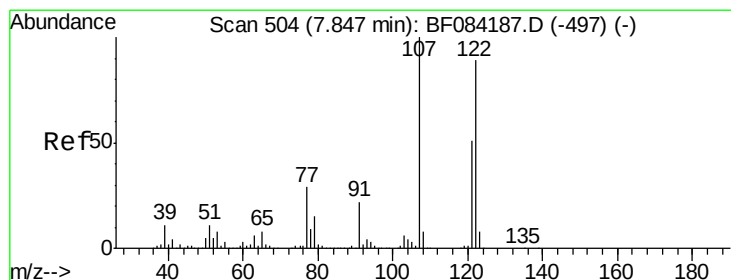
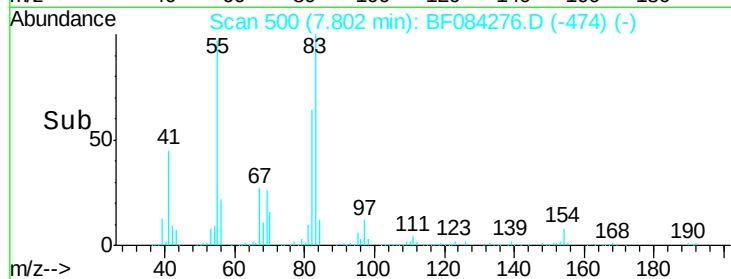
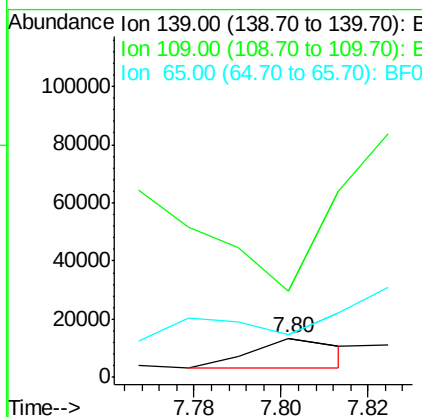
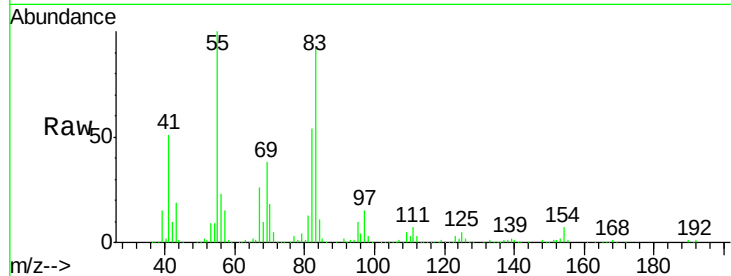




#26
2-Nitrophenol
Concen: 2.04 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF084276.D
Acq: 5 Jan 2016 10:07

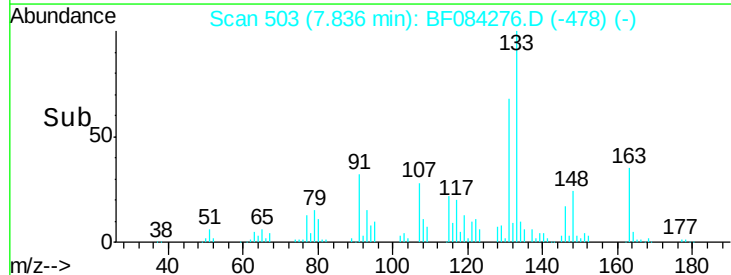
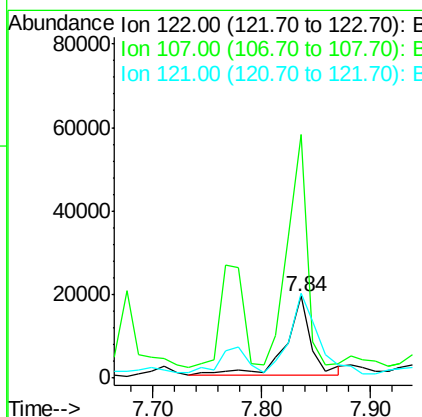
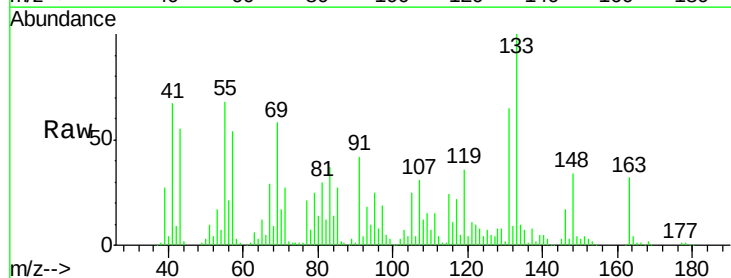
Instrument :
BNA_F
ClientSampleId :

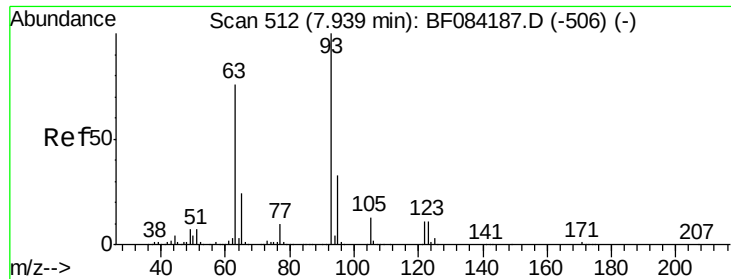
Tot Ion:139 Resp: 14428
Ion Ratio Lower Upper
139 100
109 221.1 25.4 38.2#
65 109.4 32.3 48.5#



#27
2,4-Dimethylphenol
Concen: 2.21 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF084276.D
Acq: 5 Jan 2016 10:07

Tgt Ion:122 Resp: 31652
Ion Ratio Lower Upper
122 100
107 296.6 99.1 148.7#
121 102.9 47.9 71.9#





#28

bis(2-Chloroethoxy)methane

Concen: 2.70 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.05 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

Instrument :

BNA_F

ClientSampleId :

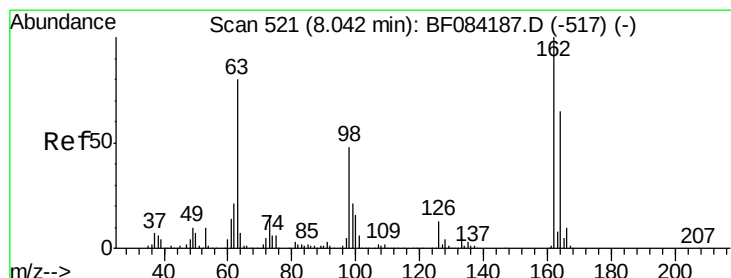
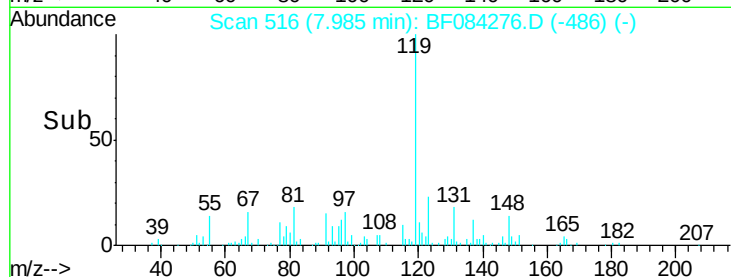
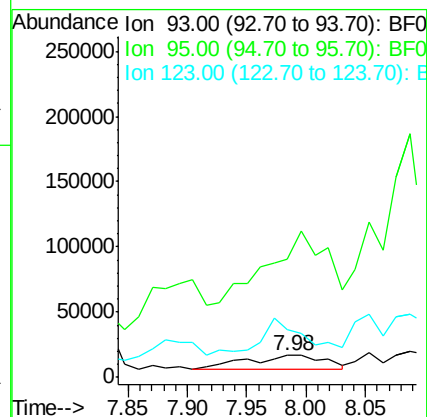
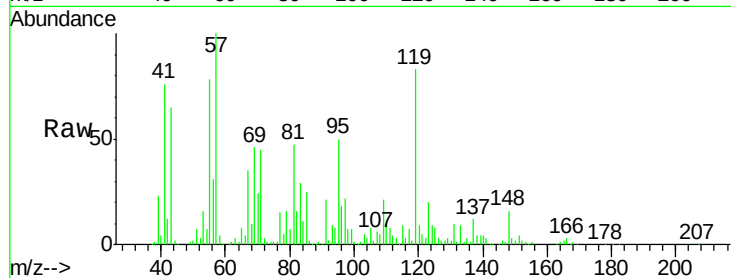
Tot Ion: 93 Resp: 48352

Ion Ratio Lower Upper

93 100

95 532.6 25.8 38.6#

123 214.2 8.6 12.8#



#29

2,4-Dichlorophenol

Concen: 2.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

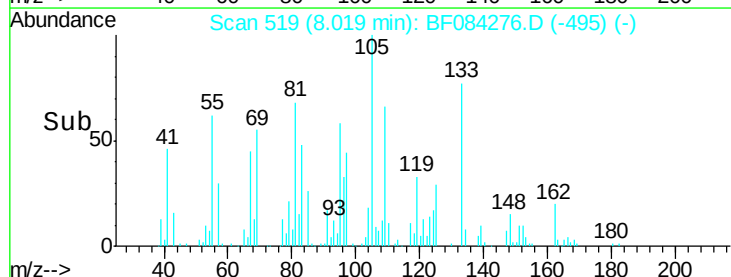
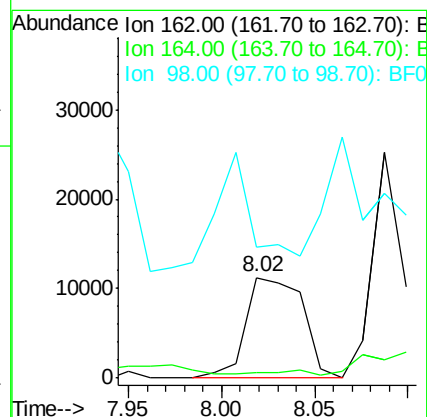
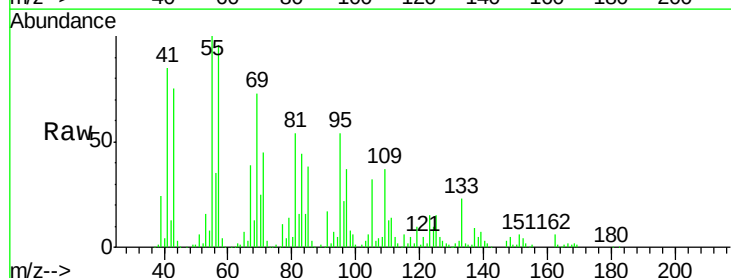
Tgt Ion: 162 Resp: 23861

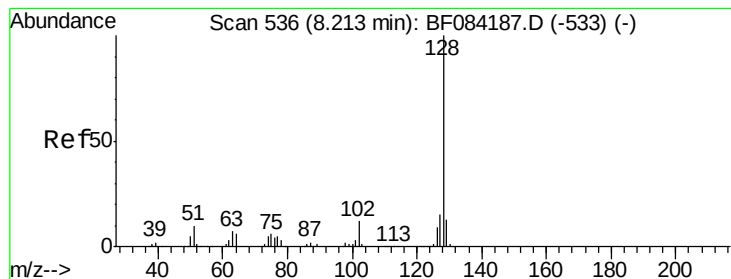
Ion Ratio Lower Upper

162 100

164 5.4 44.1 84.1#

98 129.7 20.2 60.2#





#31

Naphthalene

Concen: 9.82 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

Instrument :

BNA_F

ClientSampleId :

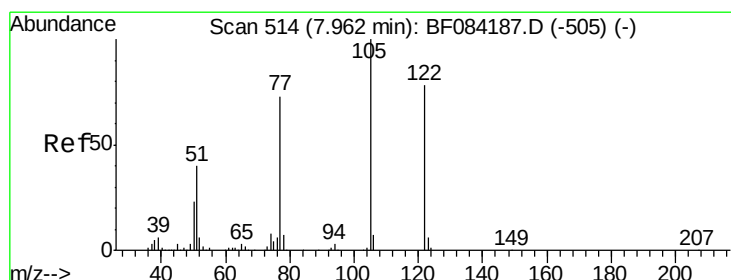
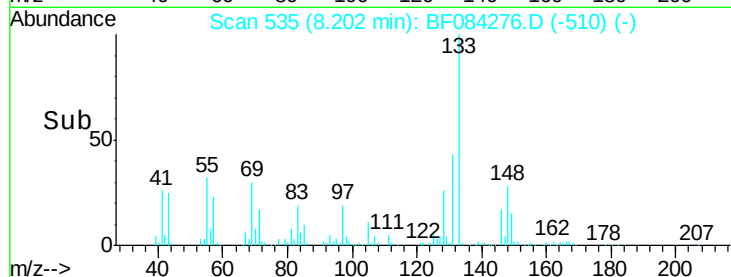
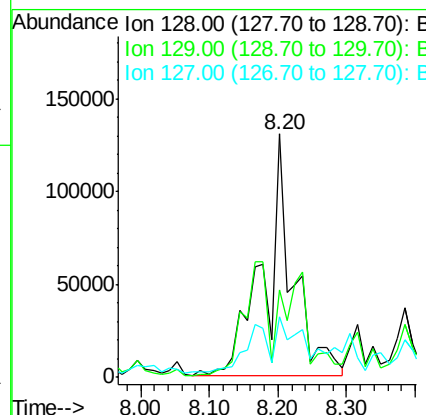
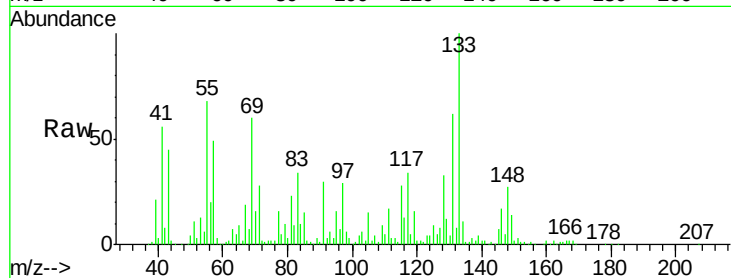
Tot Ion:128 Resp: 379552

Ion Ratio Lower Upper

128 100

129 35.9 9.1 13.7#

127 24.7 11.1 16.7#



#32

Benzoic acid

Concen: 8.11 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.01 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

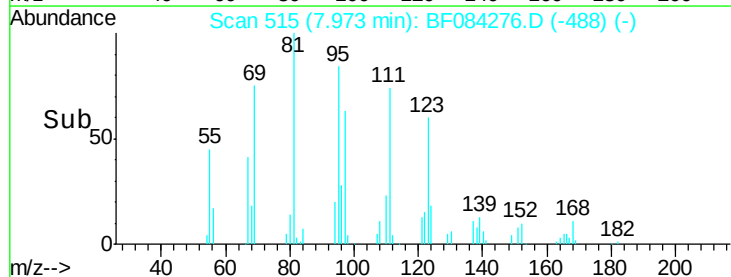
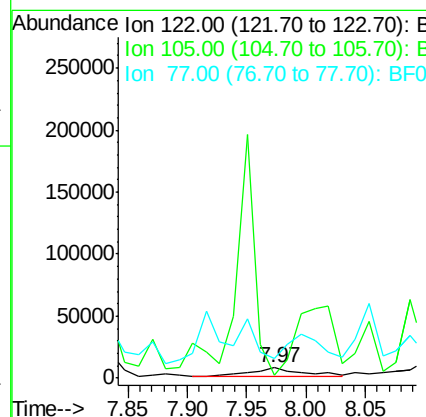
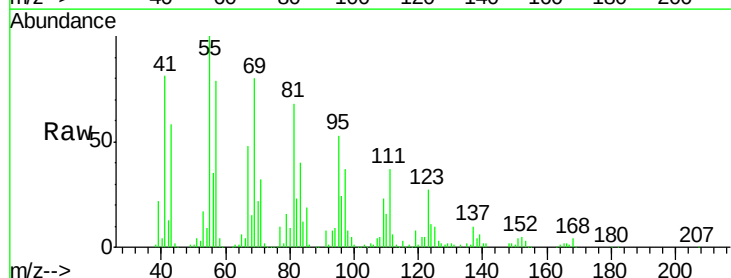
Tgt Ion:122 Resp: 19726

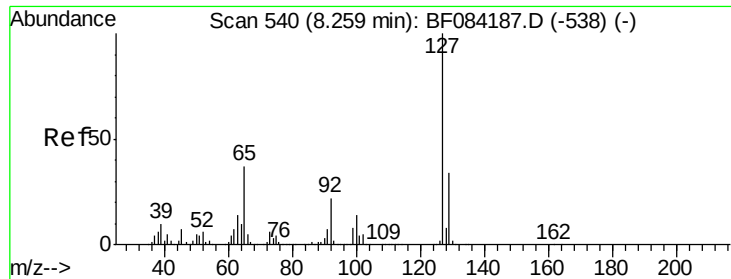
Ion Ratio Lower Upper

122 100

105 33.1 100.3 140.3#

77 193.3 63.5 103.5#

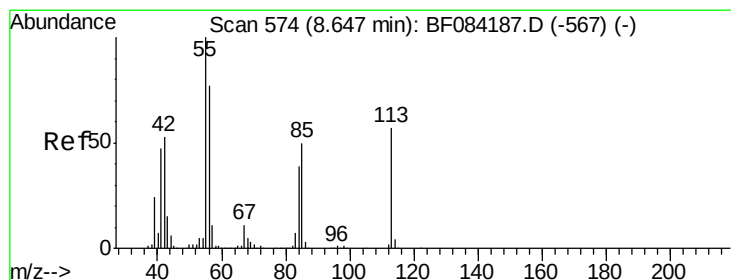
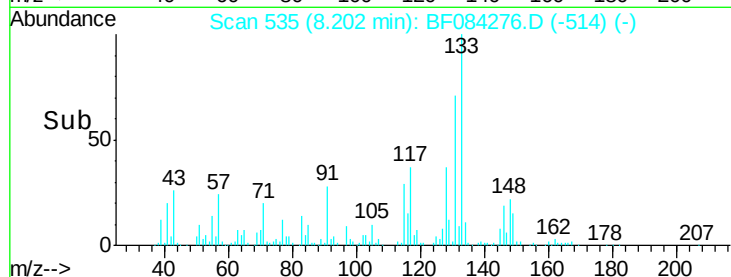
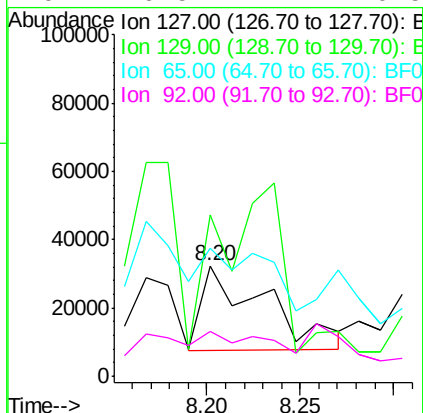
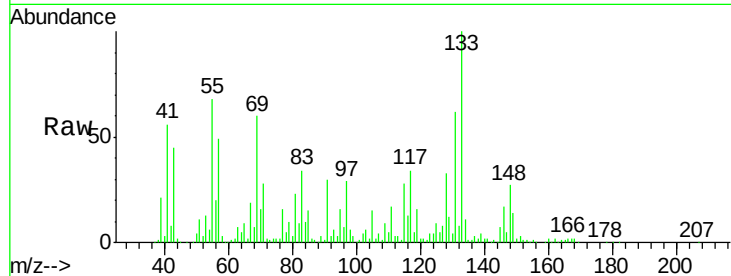




#33
4-Chloroaniline
Concen: 3.33 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF084276.D
Acq: 5 Jan 2016 10:07

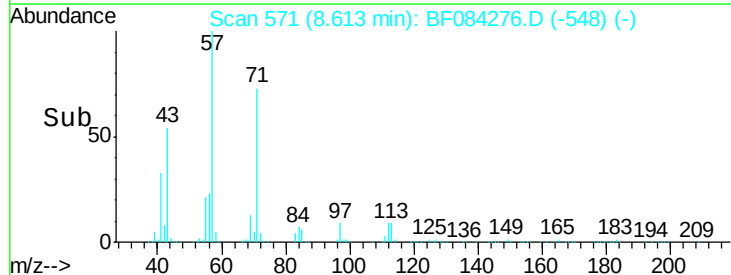
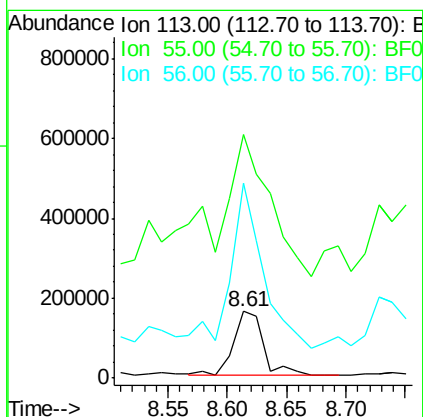
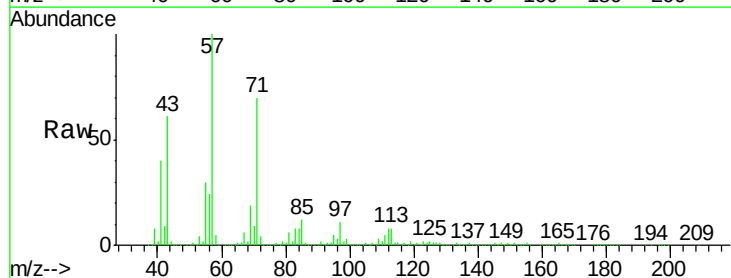
Instrument :
BNA_F
ClientSampleId :

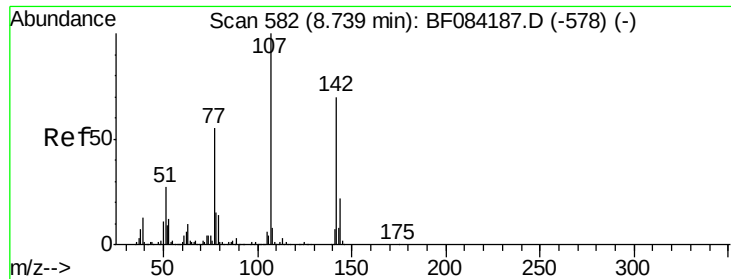
Tot Ion	Ratio	Lower	Upper
127	100		
129	145.5	26.5	39.7#
65	115.6	27.2	40.8#
92	40.5	17.7	26.5#



#35
Caprolactam
Concen: 69.76 ng
RT: 8.61 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF084276.D
Acq: 5 Jan 2016 10:07

Tgt Ion	Ratio	Lower	Upper
113	100		
55	364.2	116.9	156.9#
56	290.9	93.8	133.8#

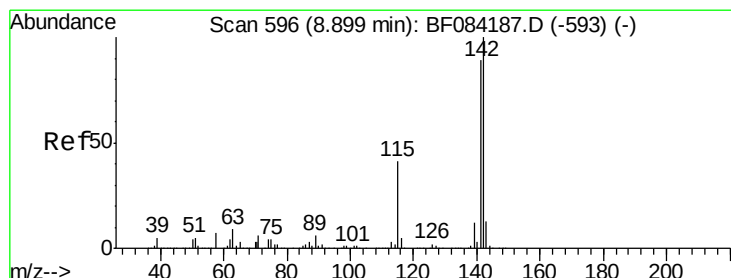
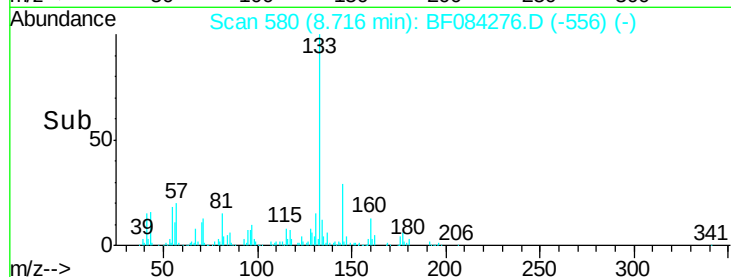
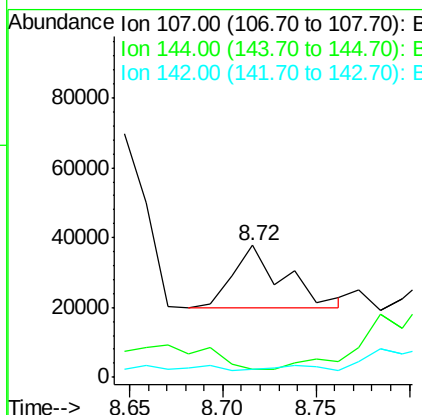
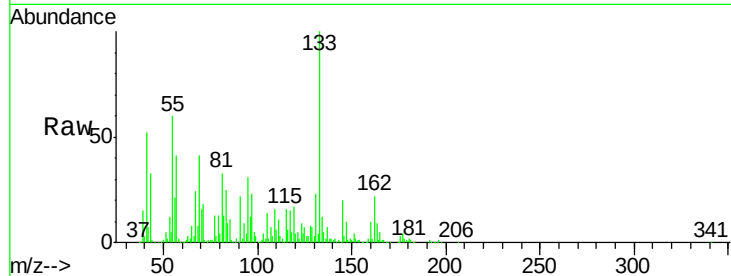




#36
 4-Chloro-3-methylphenol
 Concen: 2.49 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.02 min
 Lab File: BF084276.D
 Acq: 5 Jan 2016 10:07

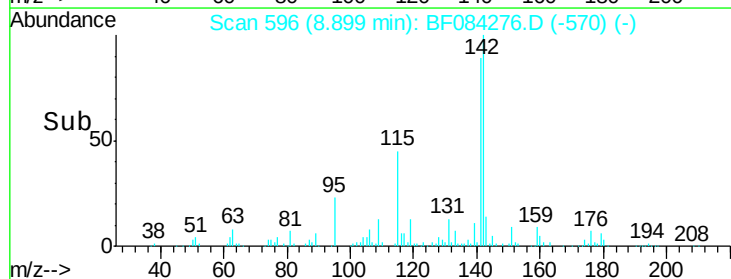
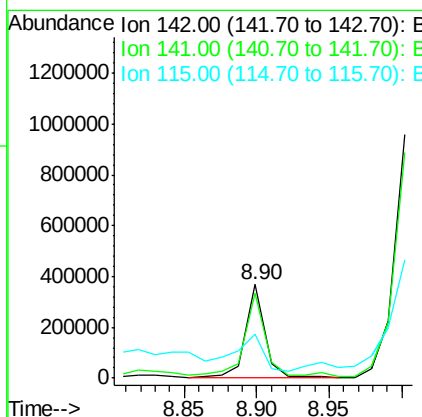
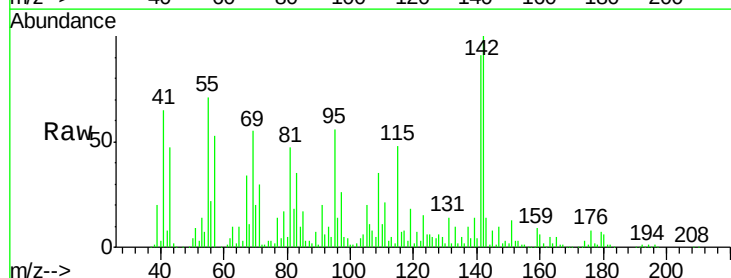
Instrument :
 BNA_F
 ClientSampled :

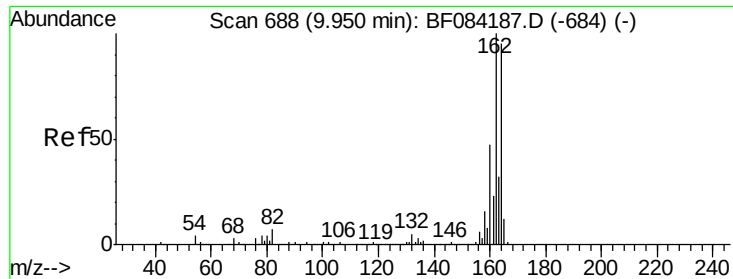
Tot Ion:107 Resp: 33243
 Ion Ratio Lower Upper
 107 100
 144 6.4 19.7 29.5#
 142 5.8 61.8 92.6#



#37
 2-Methylnaphthalene
 Concen: 12.21 ng
 RT: 8.90 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF084276.D
 Acq: 5 Jan 2016 10:07

Tgt Ion:142 Resp: 338851
 Ion Ratio Lower Upper
 142 100
 141 90.6 72.4 108.6
 115 47.8 27.9 41.9#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

Instrument :

BNA_F

ClientSampleId :

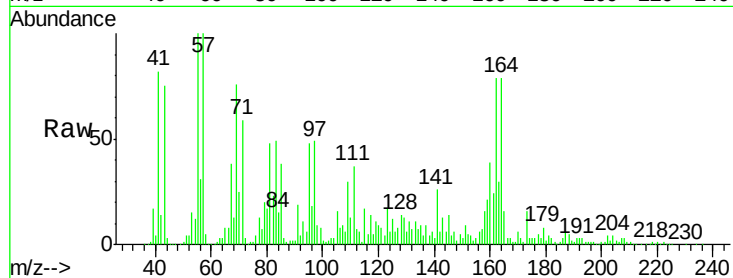
Tot Ion:164 Resp: 377096

Ion Ratio Lower Upper

164 100

162 99.3 85.1 127.7

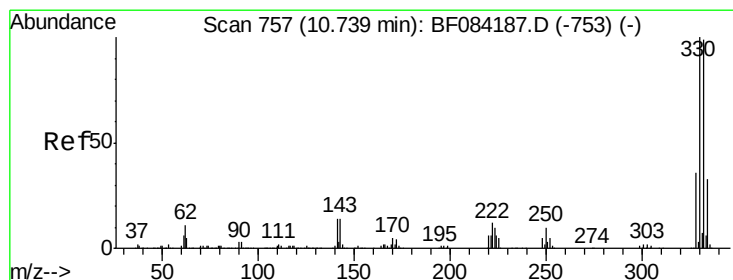
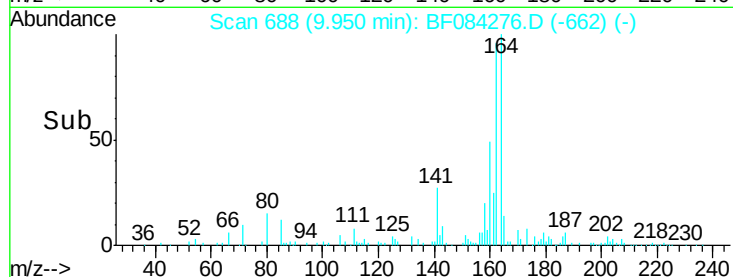
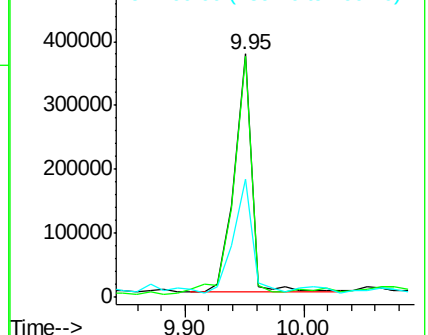
160 48.5 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 81.46 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

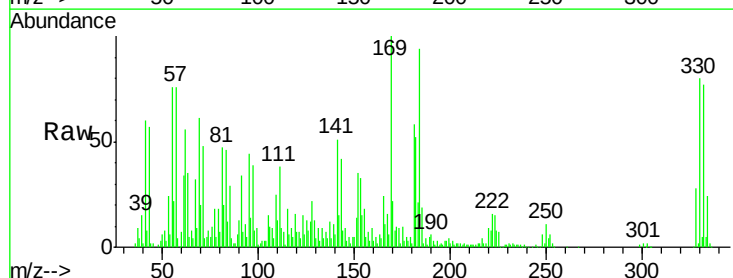
Tgt Ion:330 Resp: 310133

Ion Ratio Lower Upper

330 100

332 97.6 76.6 114.8

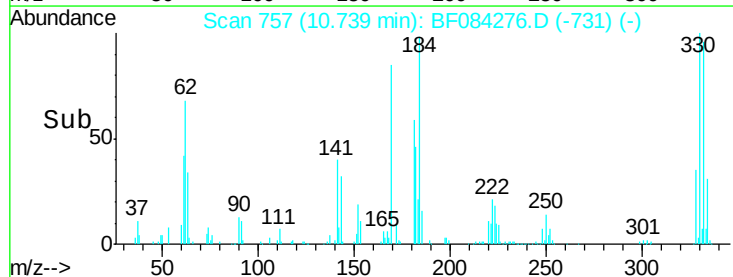
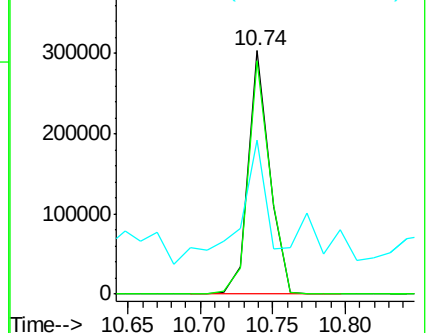
141 66.8 27.8 41.6#

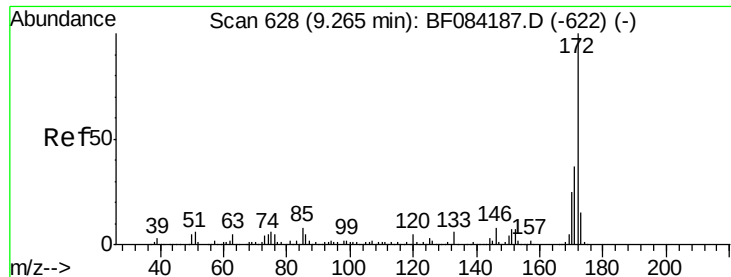


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 79.31 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

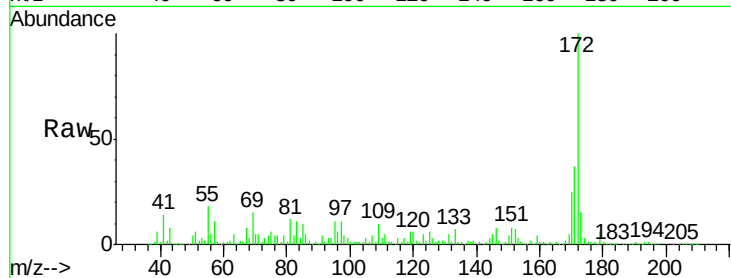
Instrument :

BNA_F

ClientSampled :

Tot Ion:172 Resp: 1709087

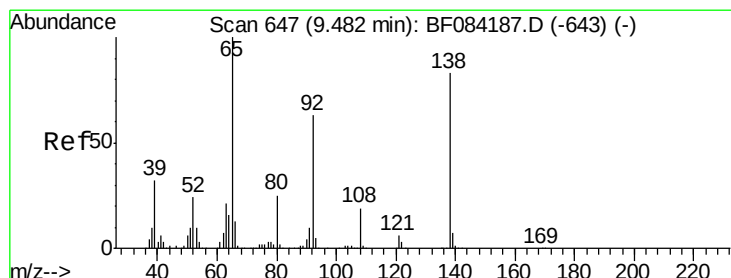
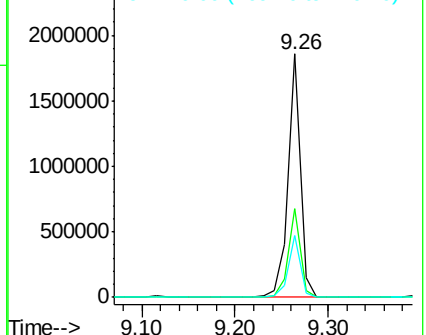
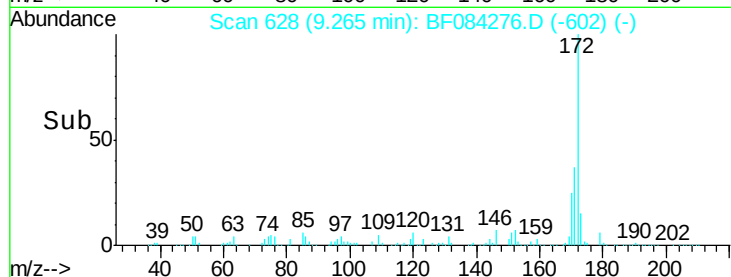
Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	25.3	18.6	27.8



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: 2.90 ng

RT: 9.49 min Scan# 648

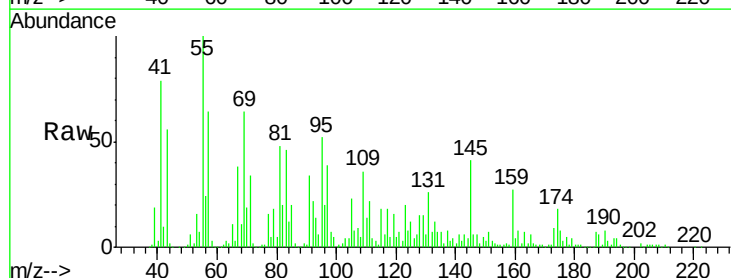
Delta R.T. 0.01 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

Tgt Ion: 65 Resp: 22542

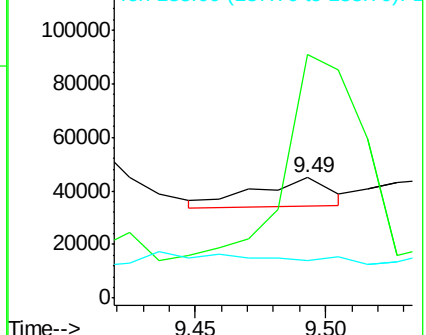
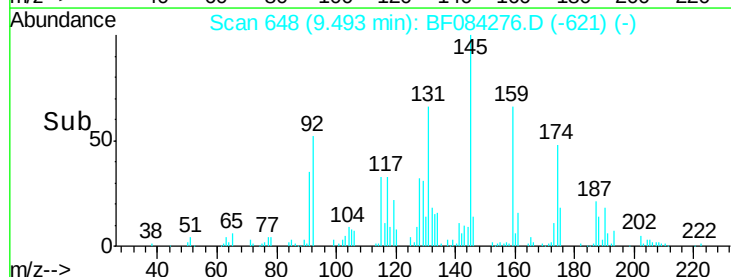
Ion	Ratio	Lower	Upper
65	100		
92	202.6	53.4	80.2#
138	31.1	71.1	106.7#

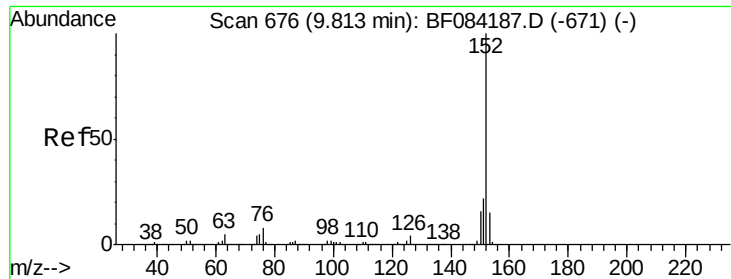


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 2.64 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

Instrument :

BNA_F

ClientSampleId :

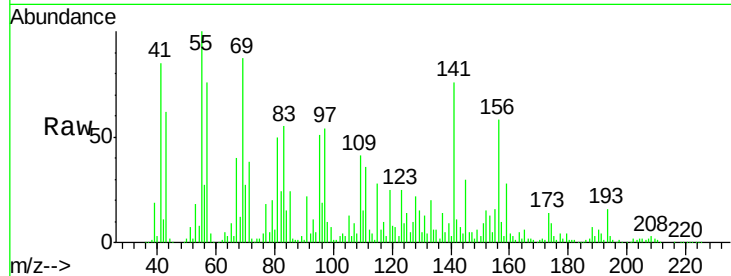
Tot Ion:152 Resp: 91761

Ion Ratio Lower Upper

152 100

151 63.3 16.3 24.5#

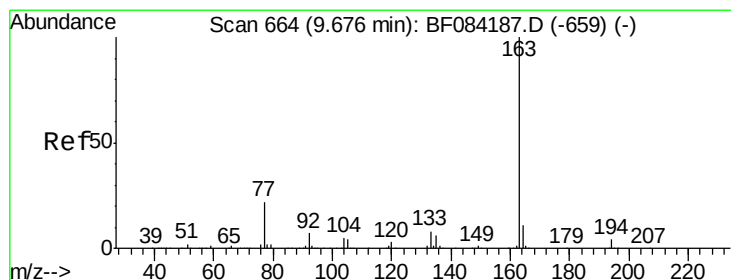
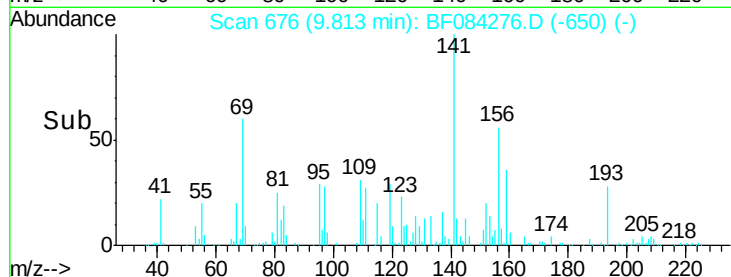
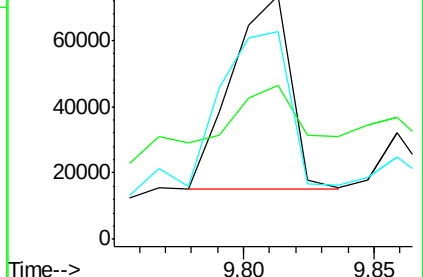
153 85.1 10.4 15.6#



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: 12.50 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

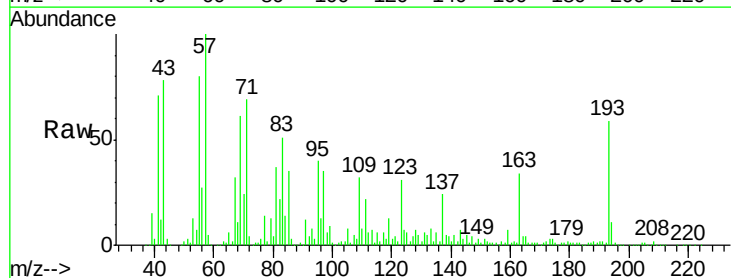
Tgt Ion:163 Resp: 337027

Ion Ratio Lower Upper

163 100

194 33.3 8.0 12.0#

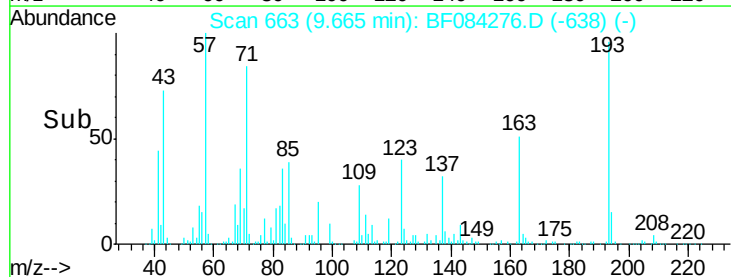
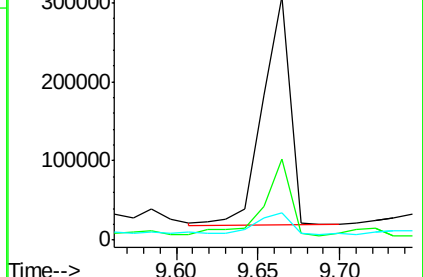
164 11.5 8.0 12.0

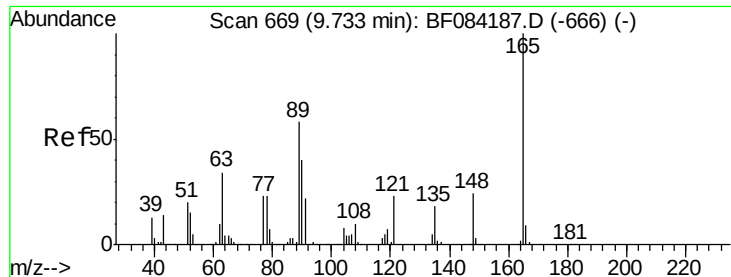


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

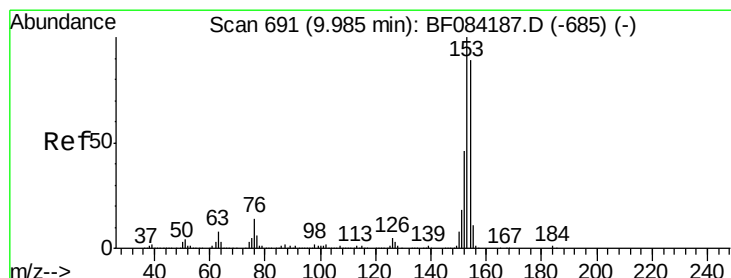
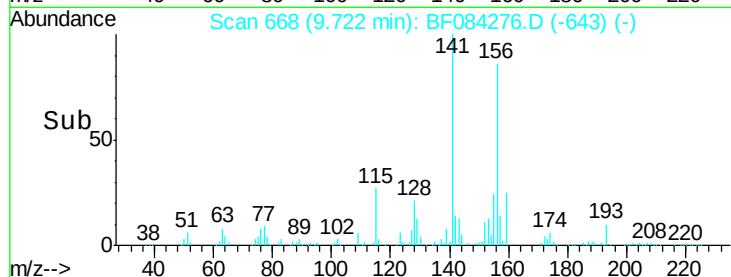
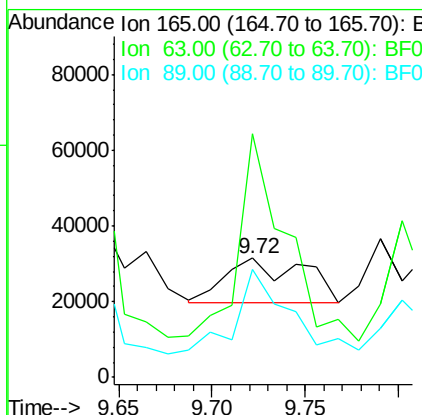
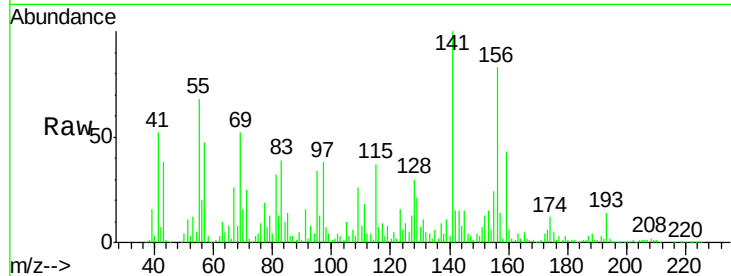




#50
 2,6-Dinitrotoluene
 Concen: 5.74 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF084276.D
 Acq: 5 Jan 2016 10:07

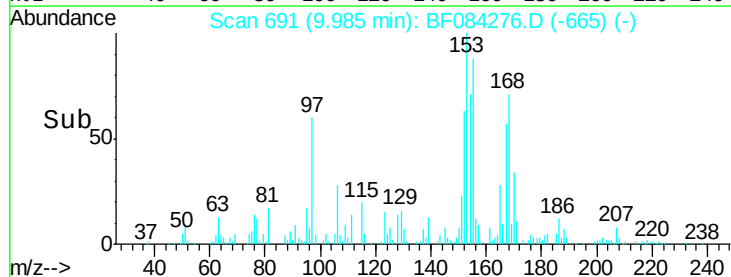
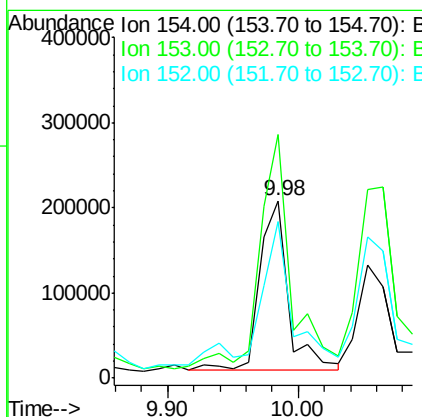
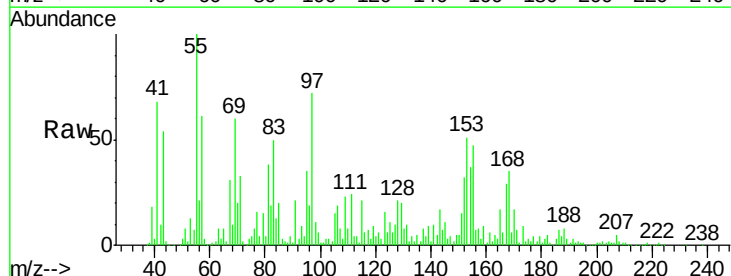
Instrument :
 BNA_F
 ClientSampleId :

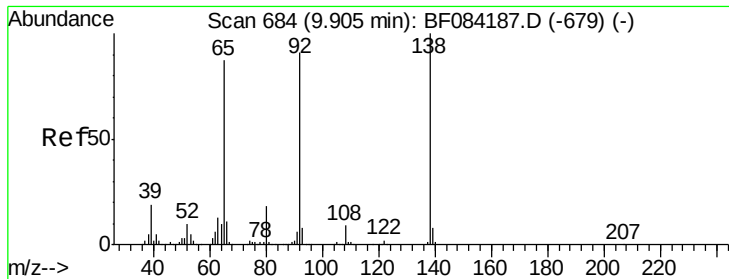
Tot Ion:165 Resp: 33936
 Ion Ratio Lower Upper
 165 100
 63 204.8 28.8 43.2#
 89 91.1 35.1 52.7#



#51
 Acenaphthene
 Concen: 13.24 ng
 RT: 9.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF084276.D
 Acq: 5 Jan 2016 10:07

Tgt Ion:154 Resp: 308778
 Ion Ratio Lower Upper
 154 100
 153 137.3 91.5 137.3#
 152 88.0 43.0 64.6#





#52

3-Nitroaniline

Concen: 2.92 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

Instrument :

BNA_F

ClientSampled :

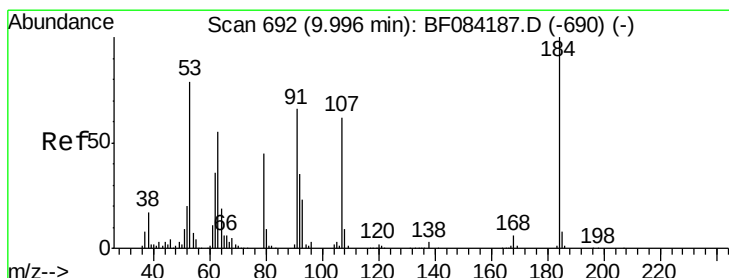
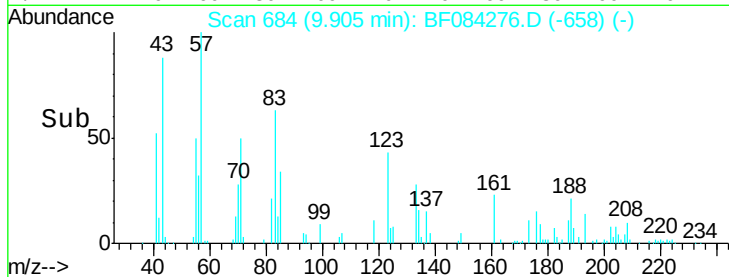
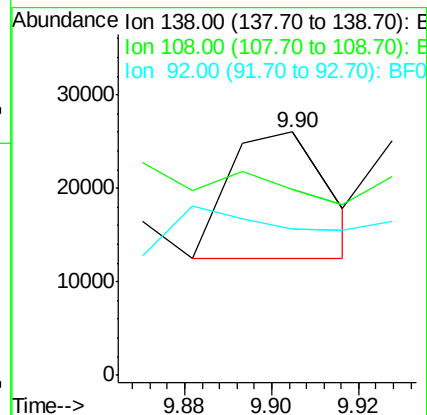
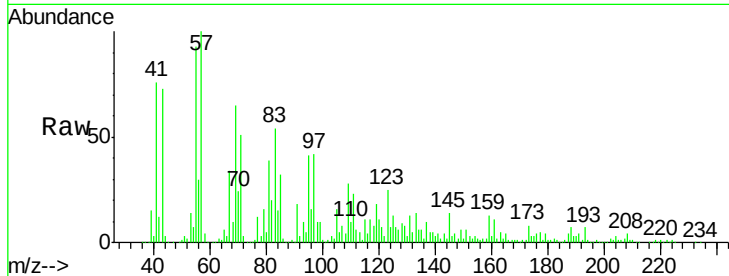
Tot Ion:138 Resp: 21378

Ion Ratio Lower Upper

138 100

108 76.6 10.5 15.7#

92 60.2 103.9 155.9#



#53

2,4-Dinitrophenol

Concen: 4.34 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.11 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

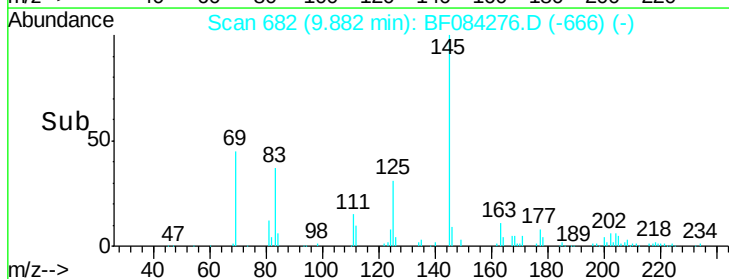
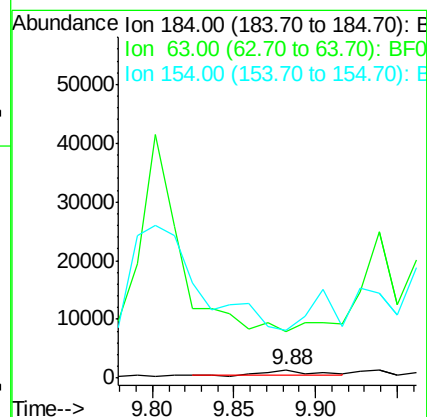
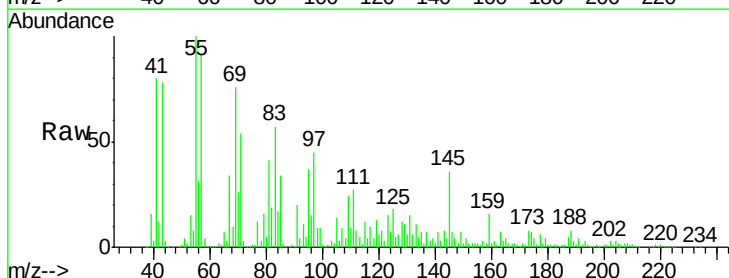
Tgt Ion:184 Resp: 2069

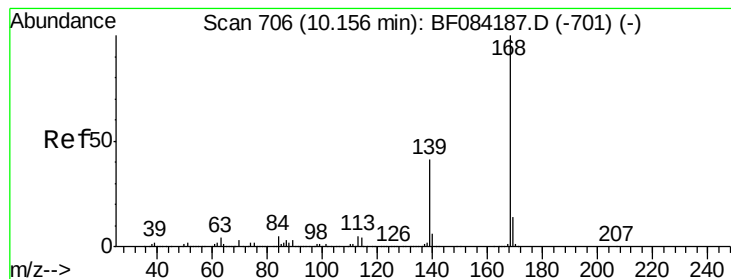
Ion Ratio Lower Upper

184 100

63 557.2 43.1 64.7#

154 577.3 60.5 90.7#





#54

Dibenzofuran

Concen: 7.16 ng

RT: 10.16 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

Instrument :

BNA_F

ClientSampleId :

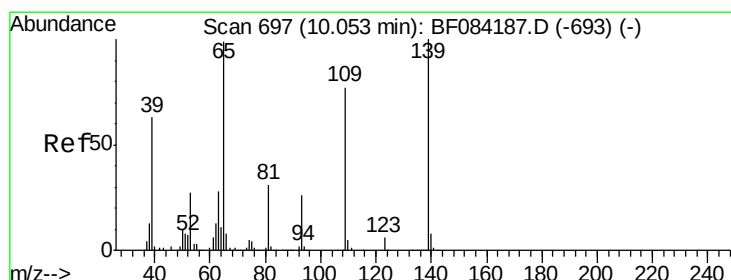
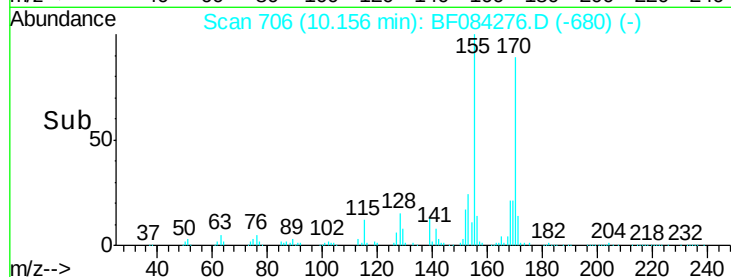
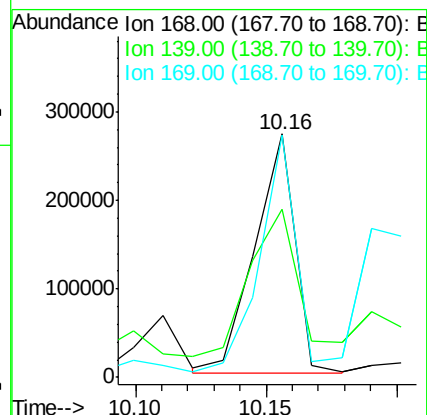
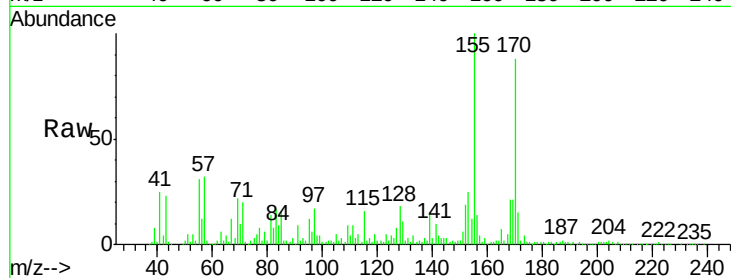
Tot Ion:168 Resp: 291728

Ion Ratio Lower Upper

168 100

139 69.3 30.5 45.7#

169 99.5 10.4 15.6#



#55

4-Nitrophenol

Concen: 25.06 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

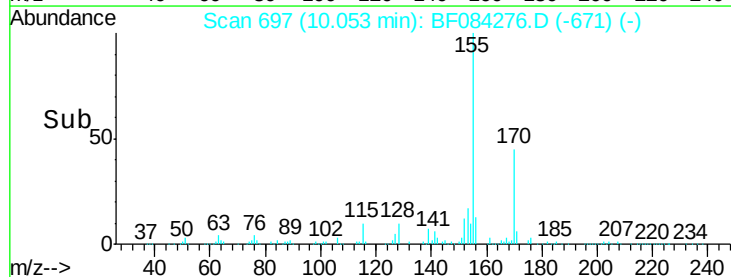
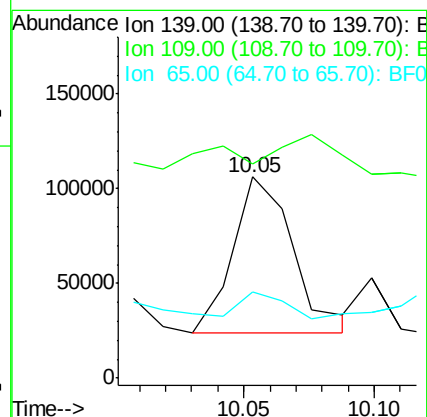
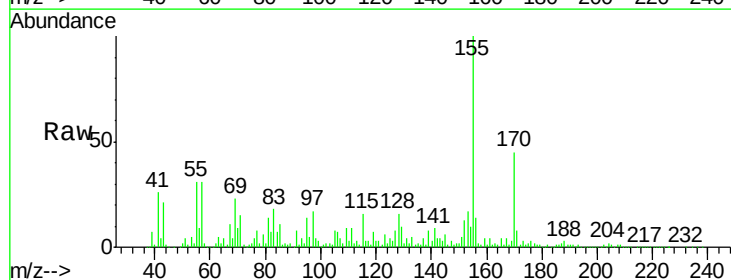
Tgt Ion:139 Resp: 133281

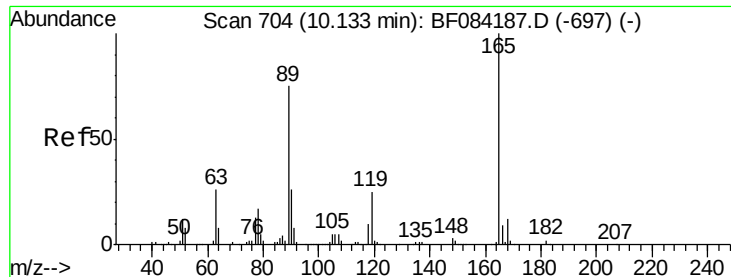
Ion Ratio Lower Upper

139 100

109 106.5 58.5 98.5#

65 42.6 57.6 97.6#





#56

2,4-Dinitrotoluene

Concen: 7.52 ng

RT: 10.16 min Scan# 706

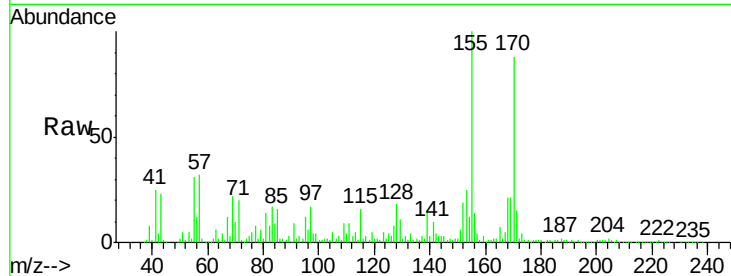
Delta R.T. 0.02 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	56308
Ion Ratio	Lower	Upper
165	100	
63	86.5	36.7 55.1#
89	41.7	61.9 92.9#
182	15.3	2.0 3.0#

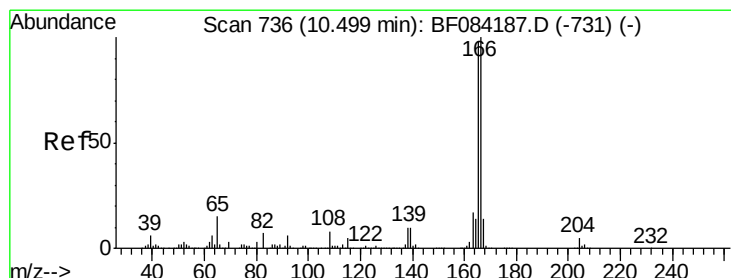
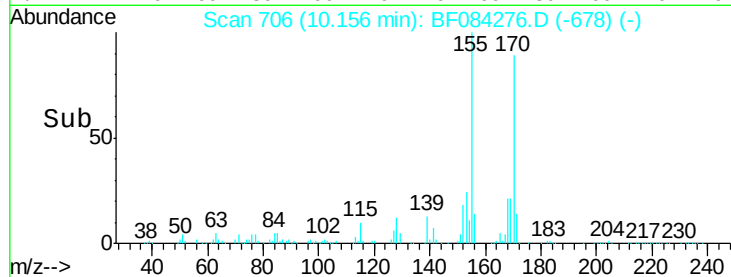
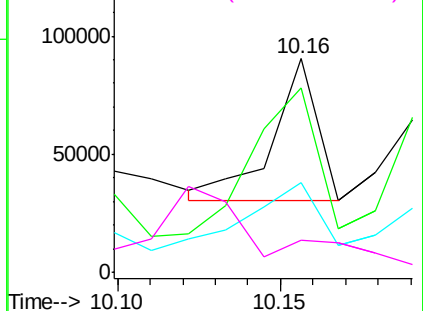


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 27.99 ng

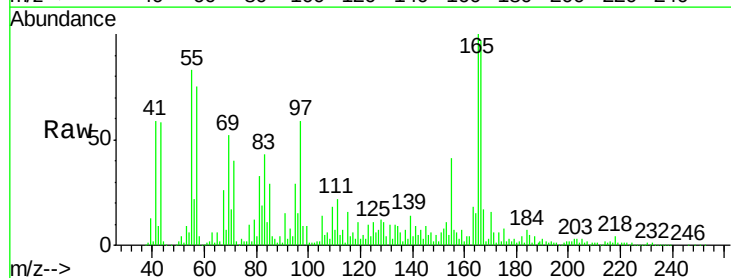
RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

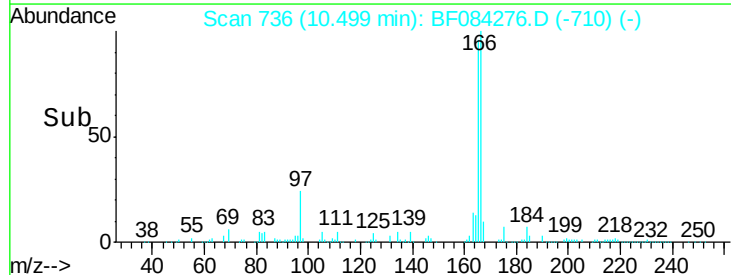
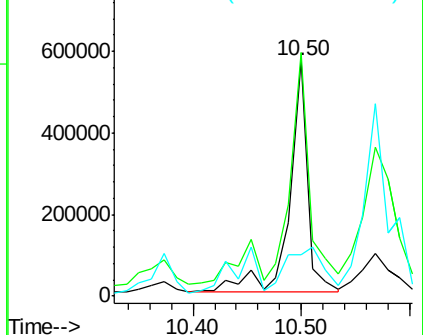
Tgt Ion:166	Resp:	674983
Ion Ratio	Lower	Upper
166	100	
165	103.4	79.1 118.7
167	17.7	10.4 15.6#

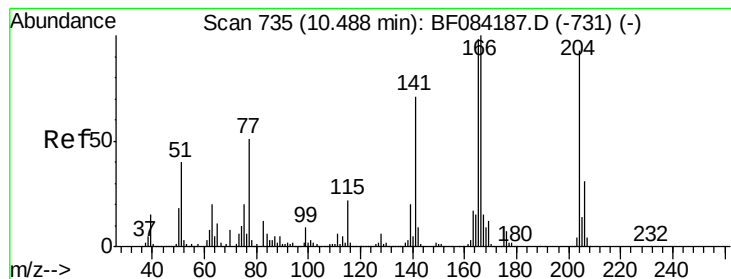


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#60

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.51 min Scan# 737

Delta R.T. 0.02 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

Instrument :

BNA_F

ClientSampled :

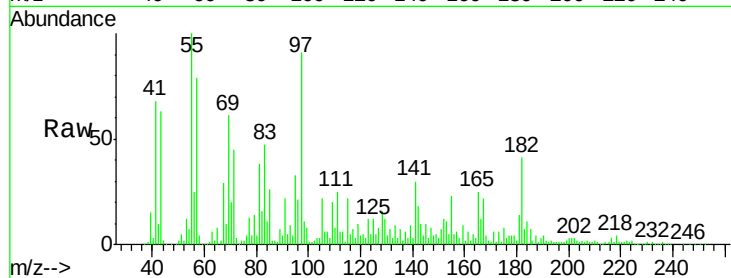
Tot Ion:204 Resp: 4937

Ion Ratio Lower Upper

204 100

206 94.5 25.7 38.5#

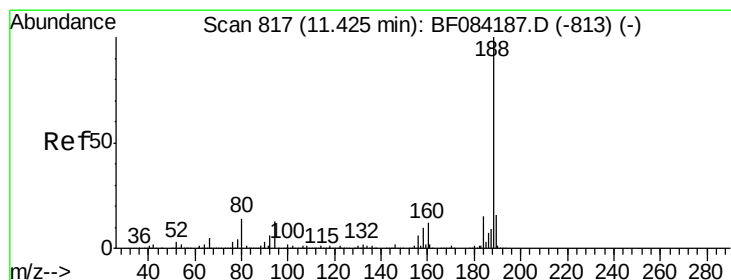
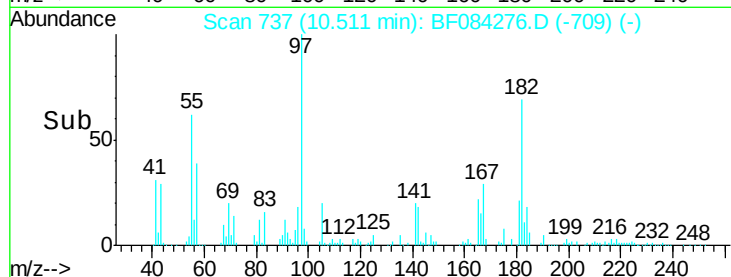
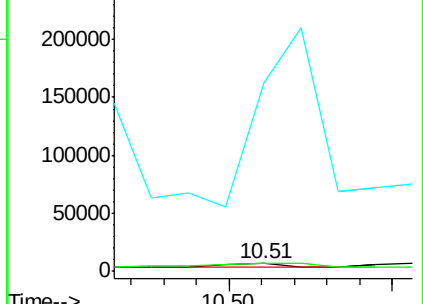
141 2372.5 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

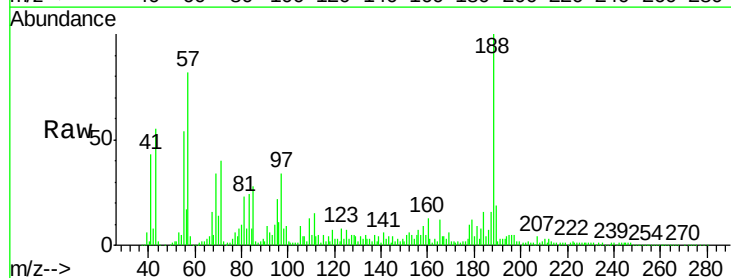
Tgt Ion:188 Resp: 647485

Ion Ratio Lower Upper

188 100

94 10.0 9.0 13.4

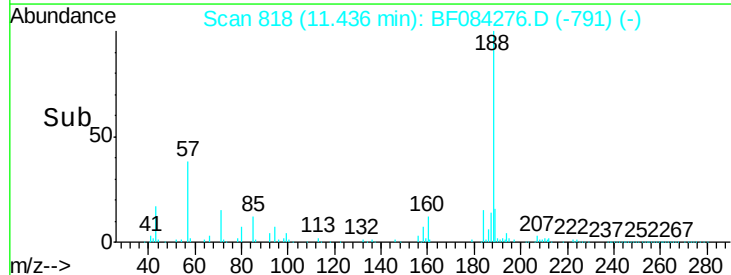
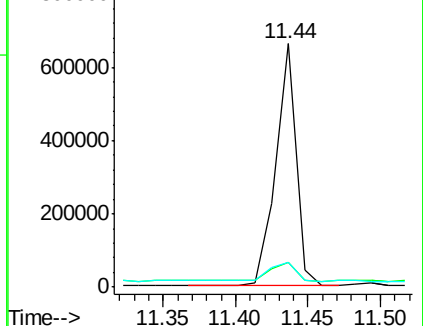
80 10.1 9.6 14.4

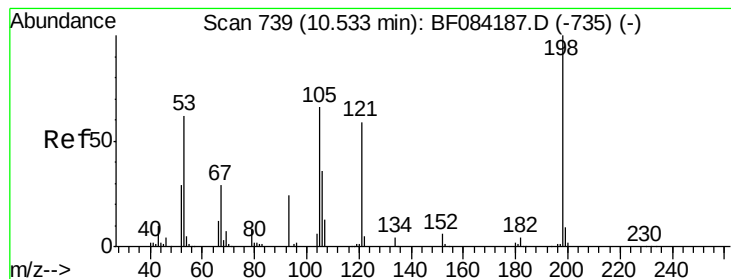


Abundance Ion 188.00 (187.70 to 188.70): E

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: 7.65 ng

RT: 10.57 min Scan# 742

Delta R.T. 0.03 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

Instrument :

BNA_F

ClientSampleId :

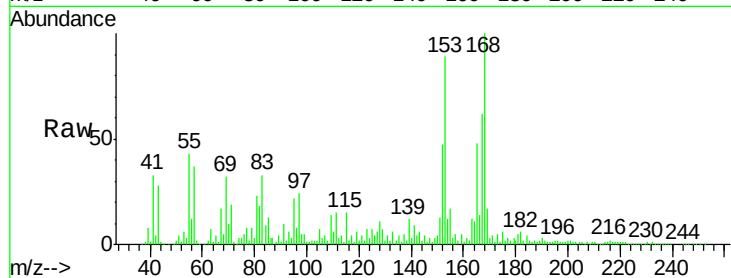
Tot Ion:198 Resp: 6672

Ion Ratio Lower Upper

198 100

51 494.2 18.9 58.9#

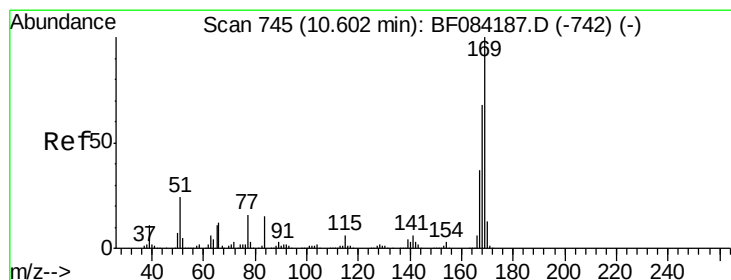
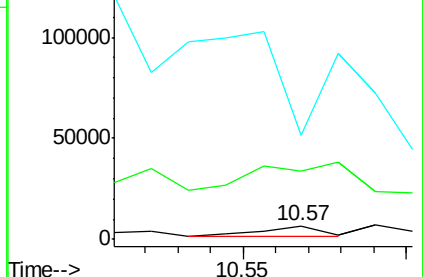
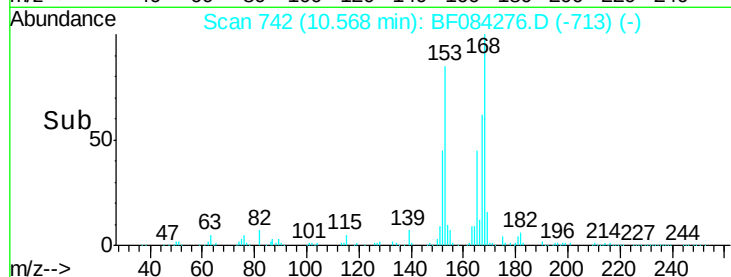
105 754.5 26.4 66.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 47.05 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

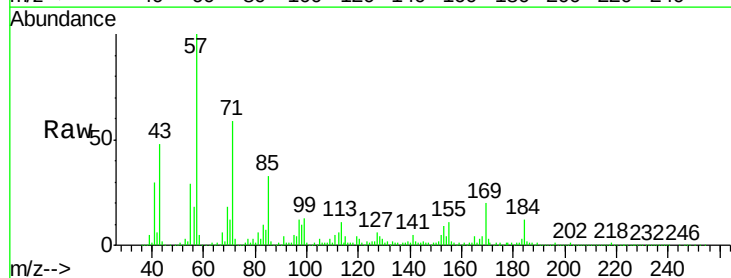
Tgt Ion:169 Resp: 974006

Ion Ratio Lower Upper

169 100

168 21.6 55.1 82.7#

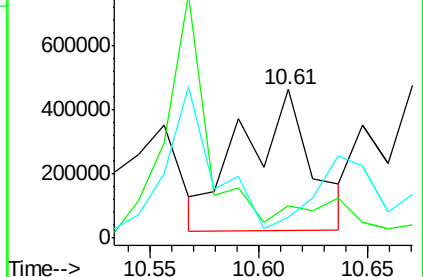
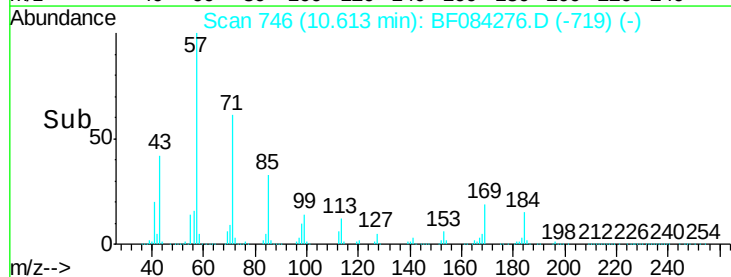
167 13.7 30.0 45.0#

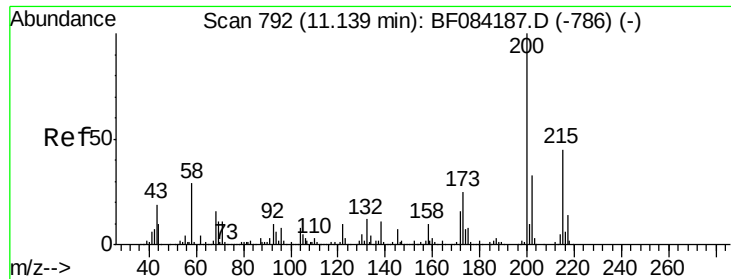


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

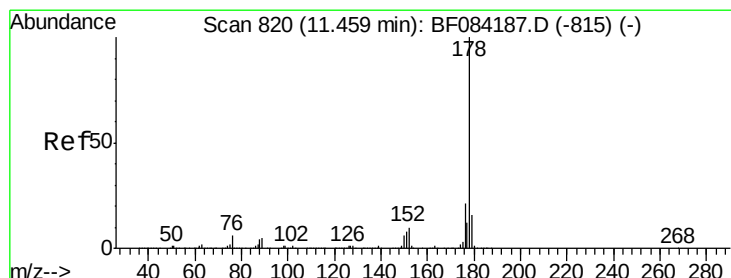
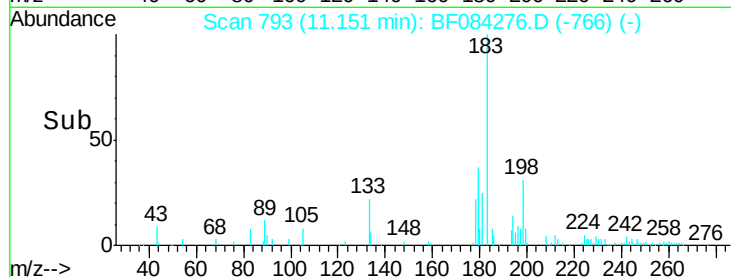
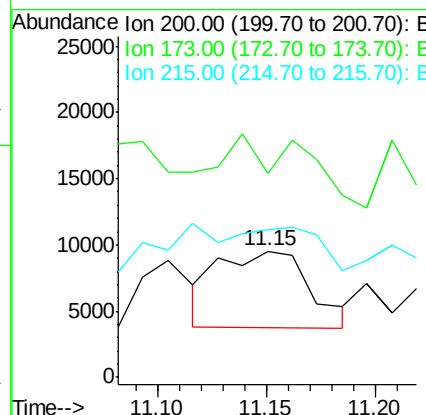
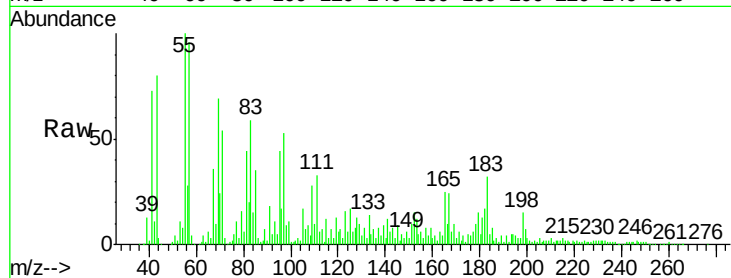




#68
Atrazine
Concen: 2.49 ng
RT: 11.15 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF084276.D
Acq: 5 Jan 2016 10:07

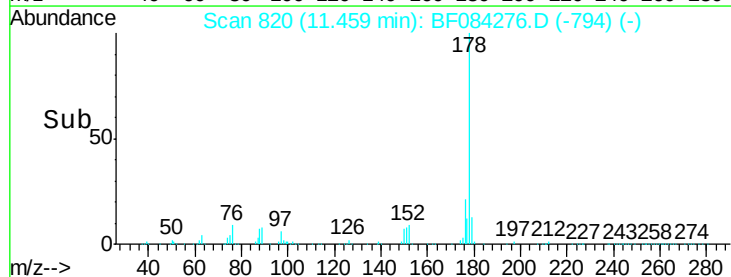
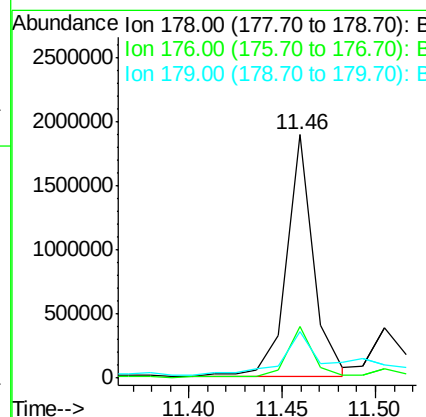
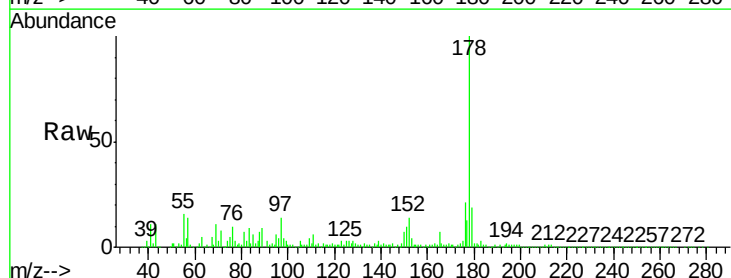
Instrument :
BNA_F
ClientSampled :

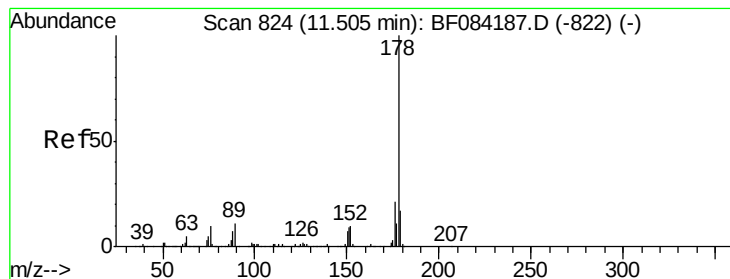
Tot Ion:200 Resp: 16900
Ion Ratio Lower Upper
200 100
173 161.4 9.5 49.5#
215 116.8 23.8 63.8#



#70
Phenanthrene
Concen: 55.50 ng
RT: 11.46 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF084276.D
Acq: 5 Jan 2016 10:07

Tgt Ion:178 Resp: 1879841
Ion Ratio Lower Upper
178 100
176 21.2 15.3 22.9
179 18.9 12.0 18.0#





#71

Anthracene

Concen: 9.34 ng

RT: 11.50 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

Instrument :

BNA_F

ClientSampled :

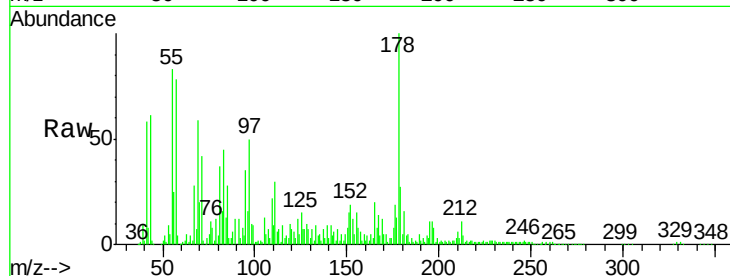
Tot Ion:178 Resp: 310111

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

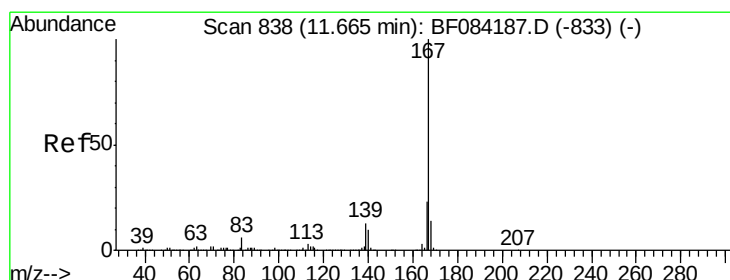
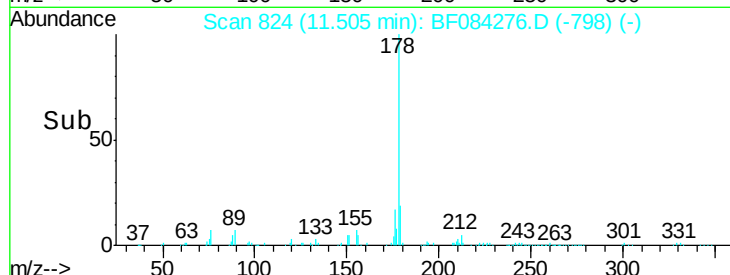
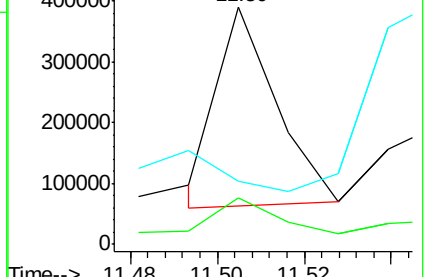
179 26.7 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 2.56 ng

RT: 11.66 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

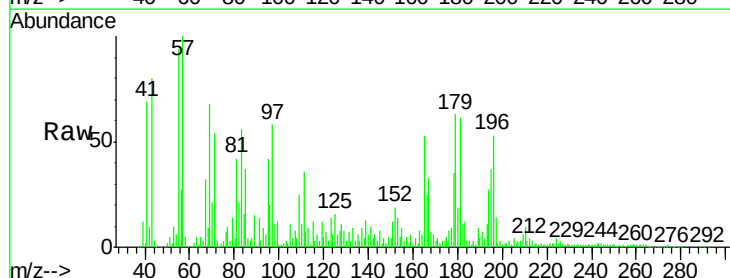
Tgt Ion:167 Resp: 83092

Ion Ratio Lower Upper

167 100

166 77.9 17.6 26.4#

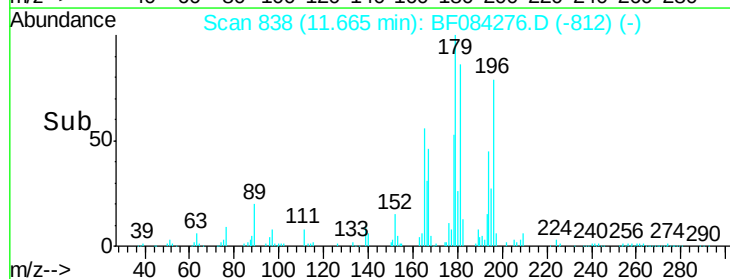
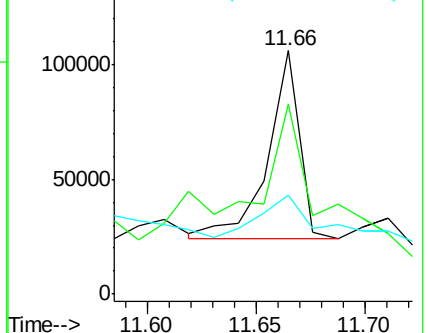
139 40.7 11.8 17.8#

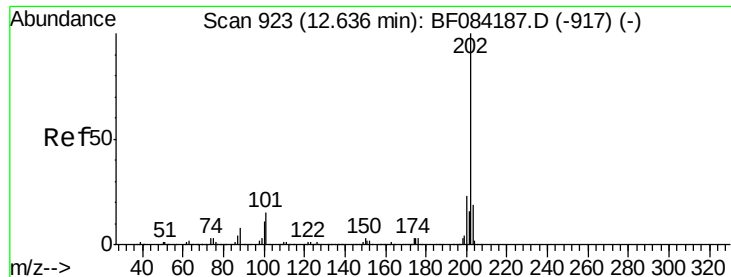


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 29.33 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

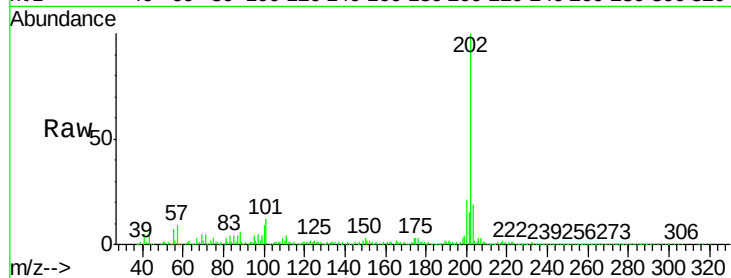
Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1037560

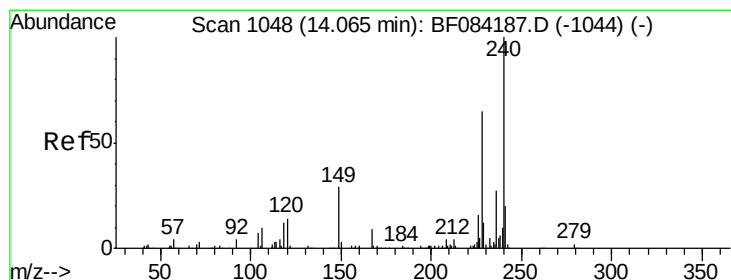
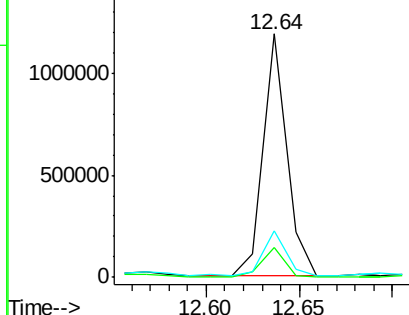
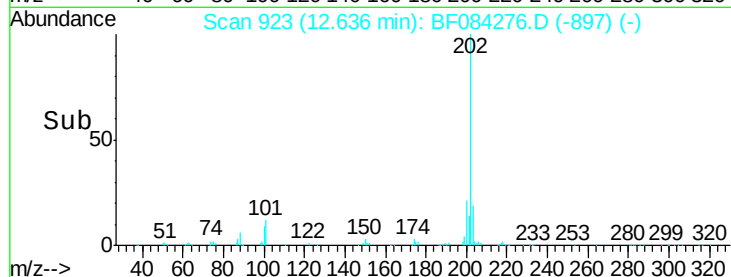
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.8
203	19.0	0.0	37.9



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

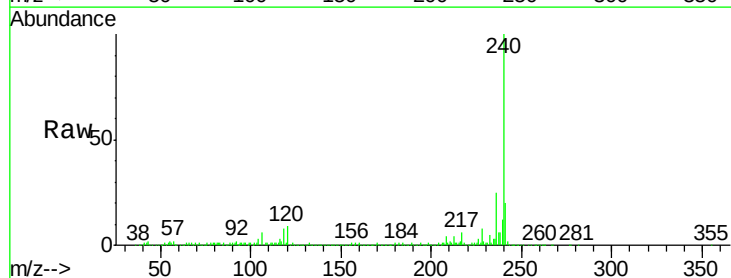
Delta R.T. -0.01 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

Tgt Ion:240 Resp: 589494

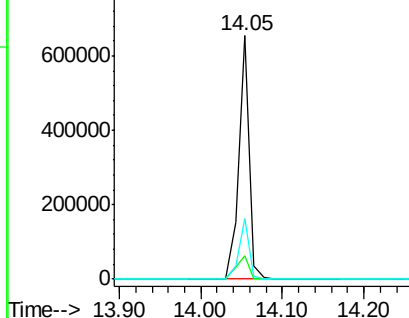
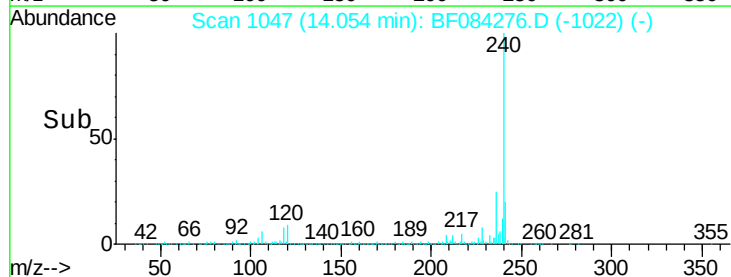
Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3#
236	25.1	20.6	31.0

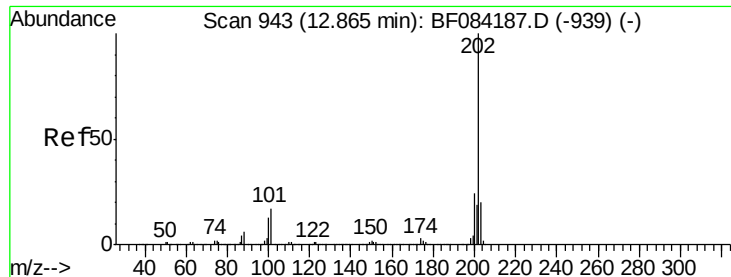


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 22.23 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

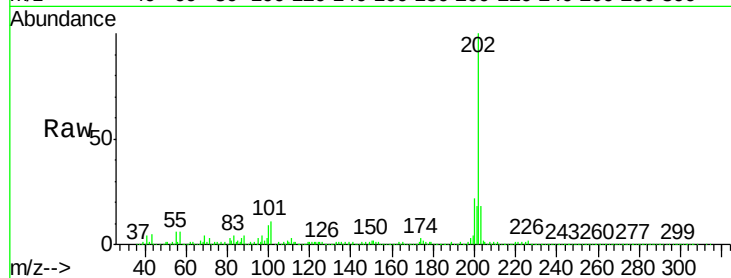
Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1028391

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.2	25.8
203	18.4	14.3	21.5

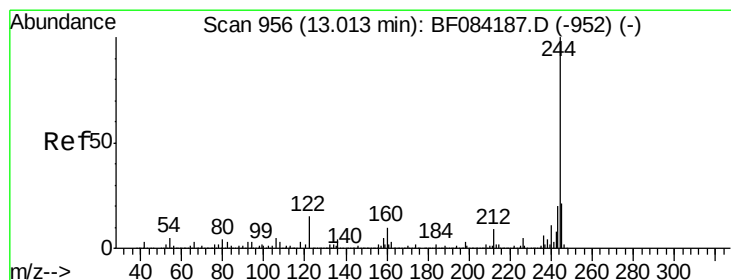
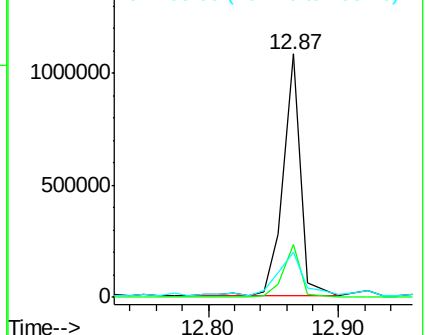
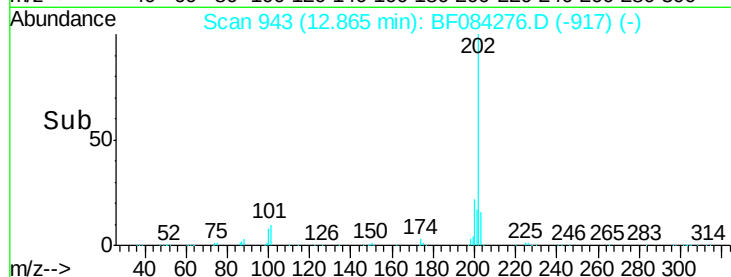


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 61.35 ng

RT: 13.00 min Scan# 955

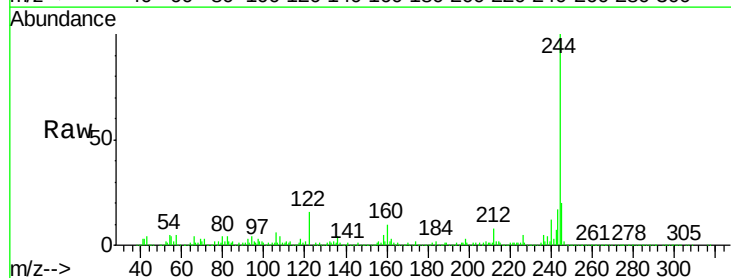
Delta R.T. -0.01 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

Tgt Ion:244 Resp: 1620146

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.7	8.5
122	15.5	7.4	11.0

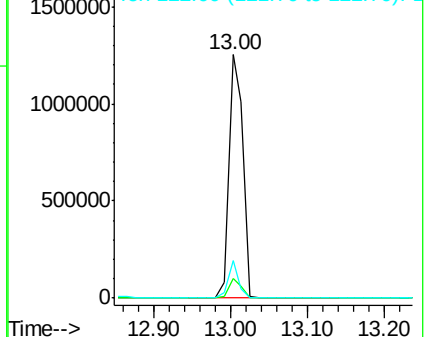
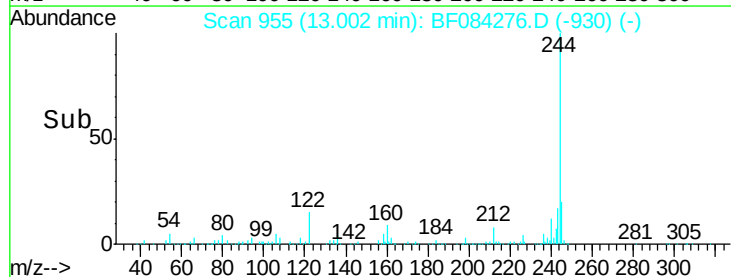


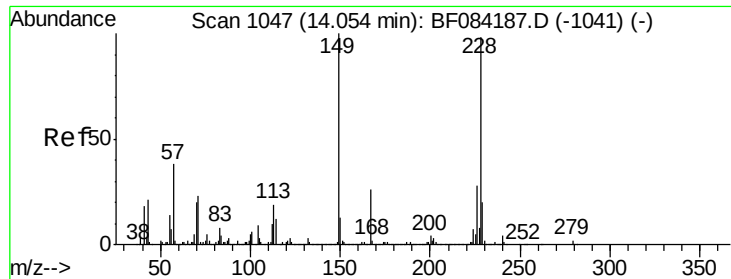
Abundance

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

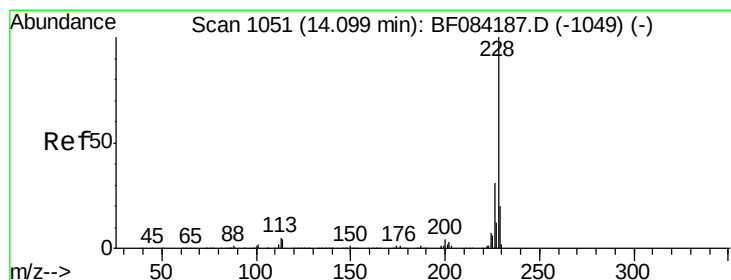
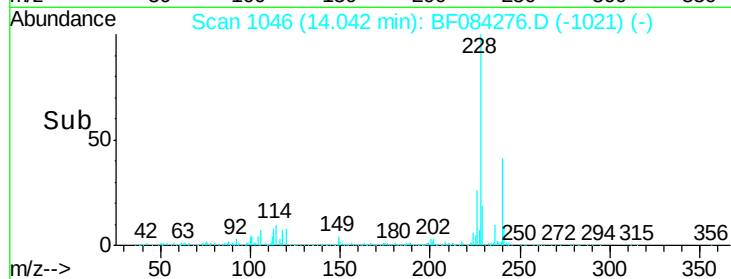
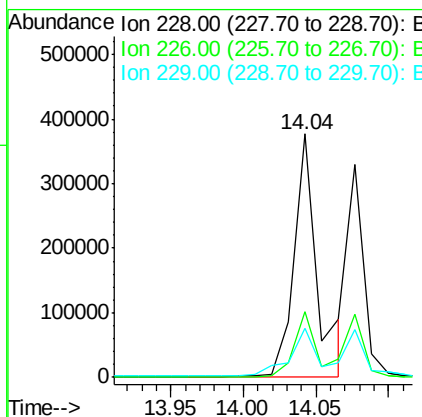
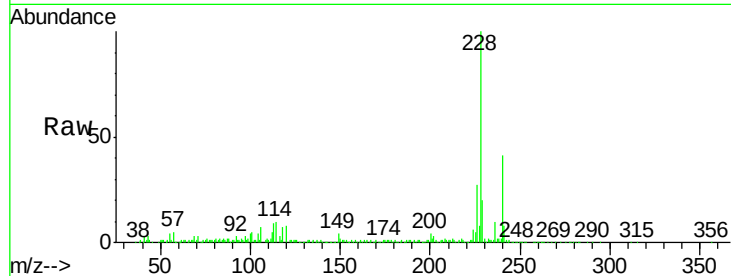




#80
Benzo(a)anthracene
Concen: 12.18 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF084276.D
Acq: 5 Jan 2016 10:07

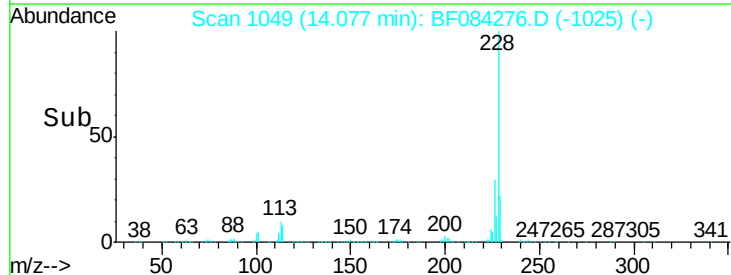
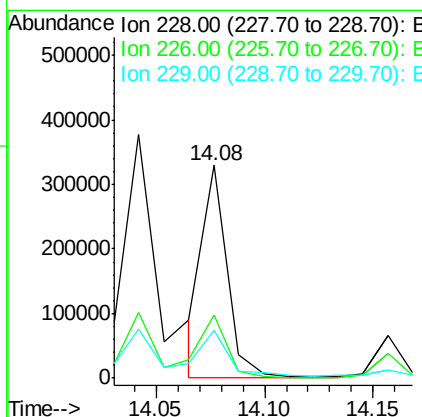
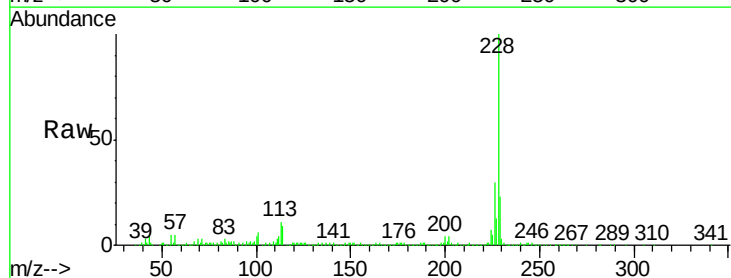
Instrument :
BNA_F
ClientSampleId :

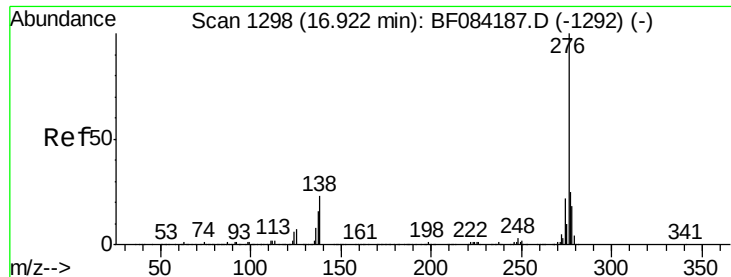
Tot Ion:228 Resp: 421476
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.6
229 20.1 15.8 23.8



#82
Chrysene
Concen: 7.67 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF084276.D
Acq: 5 Jan 2016 10:07

Tgt Ion:228 Resp: 255111
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 22.5 16.1 24.1

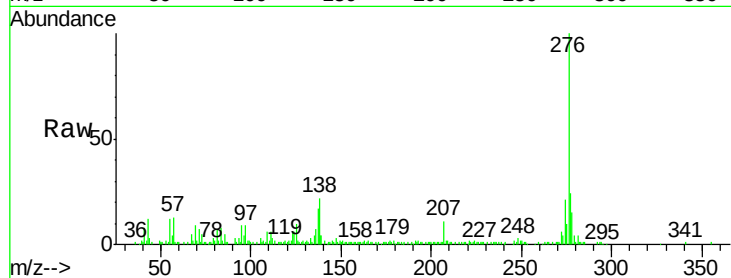




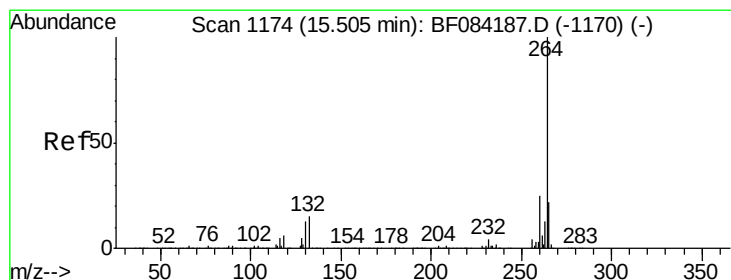
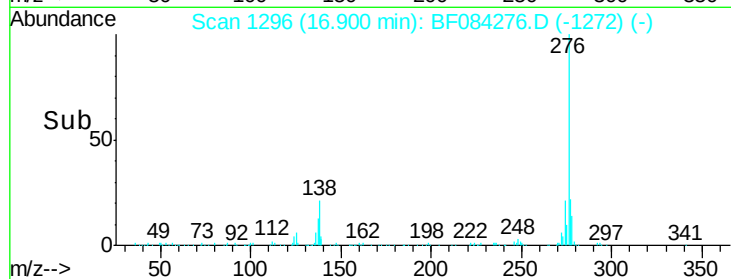
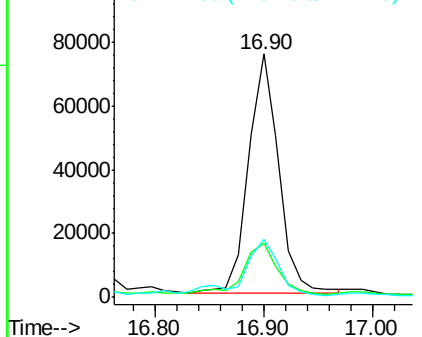
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.44 ng
 RT: 16.90 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF084276.D
 Acq: 5 Jan 2016 10:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 143503
 Ion Ratio Lower Upper
 276 100
 138 24.8 20.6 30.8
 277 28.3 20.1 30.1

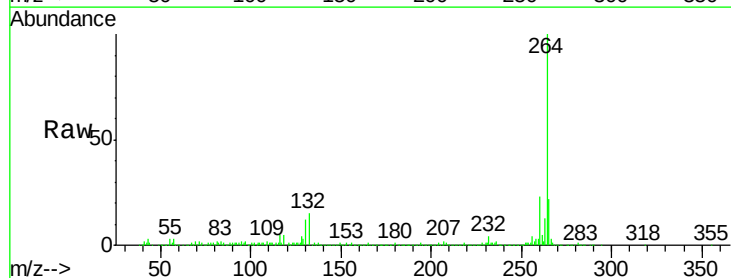


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

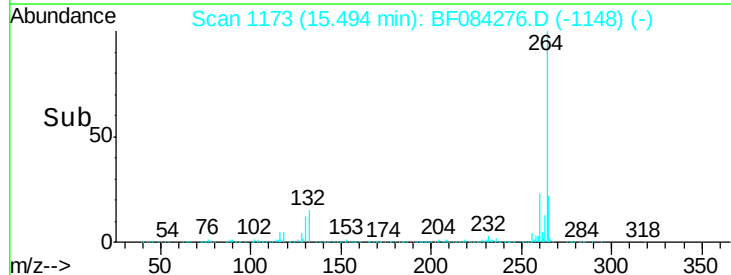
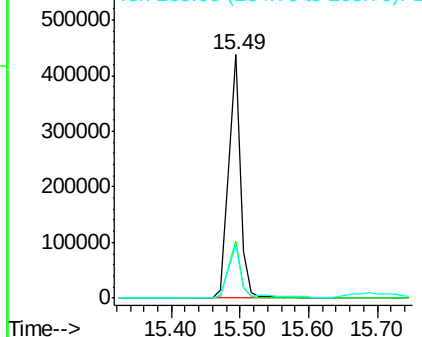


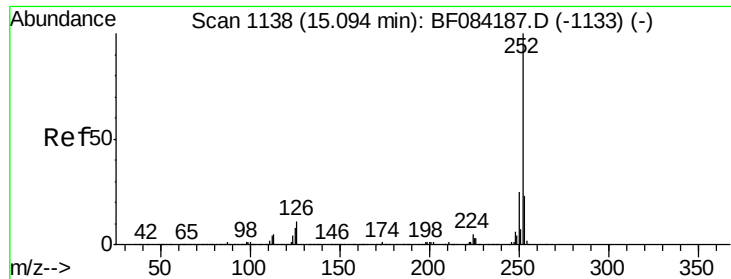
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF084276.D
 Acq: 5 Jan 2016 10:07

Tgt Ion:264 Resp: 541172
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.7 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

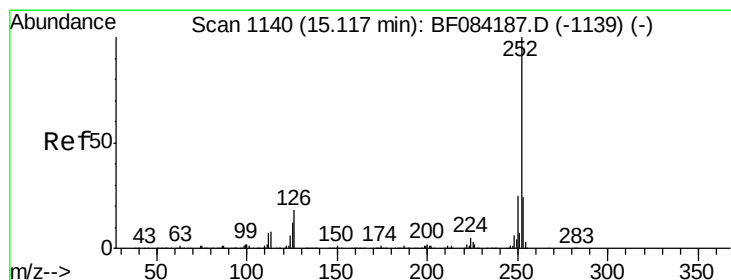
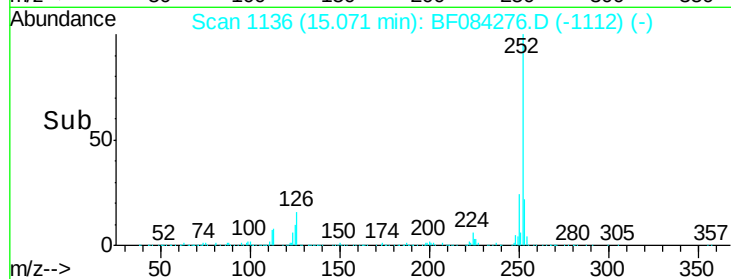
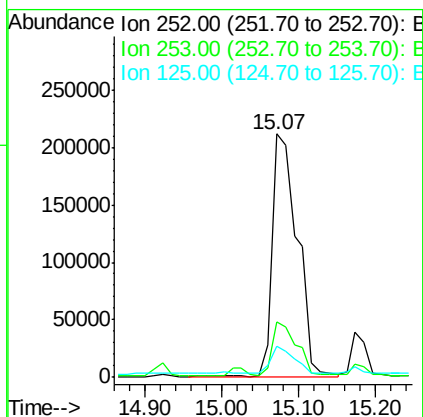
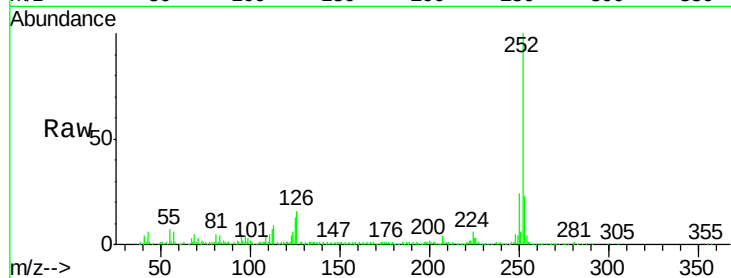




#87
Benzo(b)fluoranthene
Concen: 13.55 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF084276.D
Acq: 5 Jan 2016 10:07

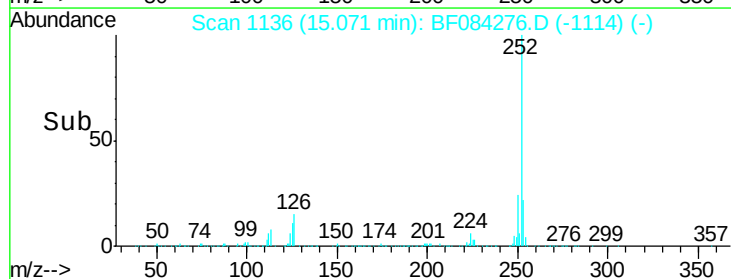
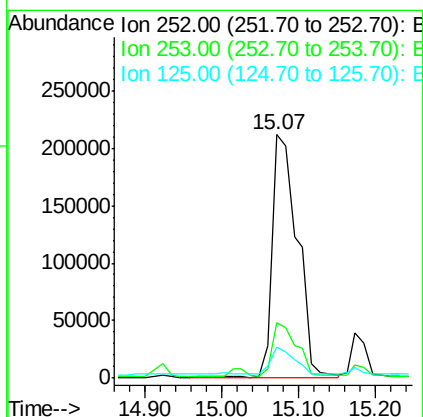
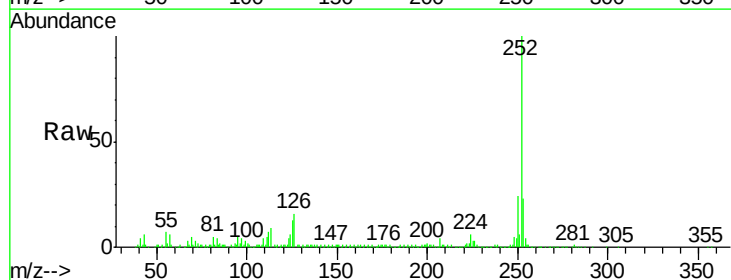
Instrument :
BNA_F
ClientSampleId :

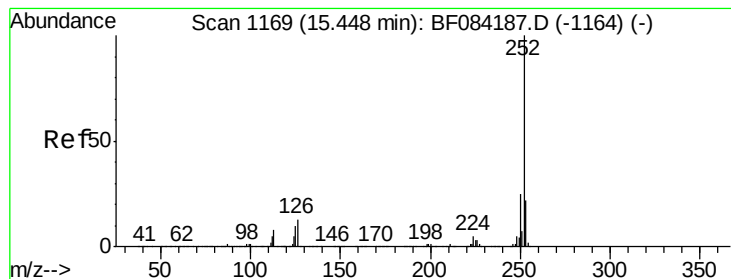
Tot Ion:252 Resp: 479517
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 12.6 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 16.56 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BF084276.D
Acq: 5 Jan 2016 10:07

Tgt Ion:252 Resp: 479517
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 12.6 9.0 13.6





#89

Benzo(a)pyrene

Concen: 8.59 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

Instrument :

BNA_F

ClientSampled :

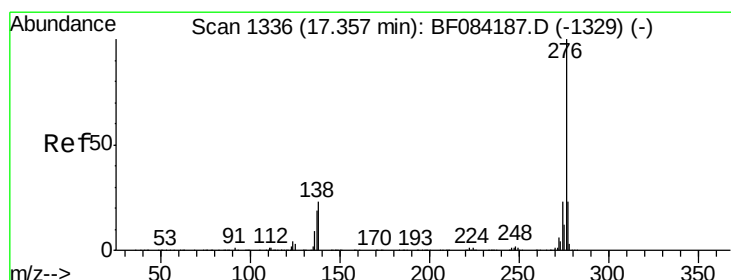
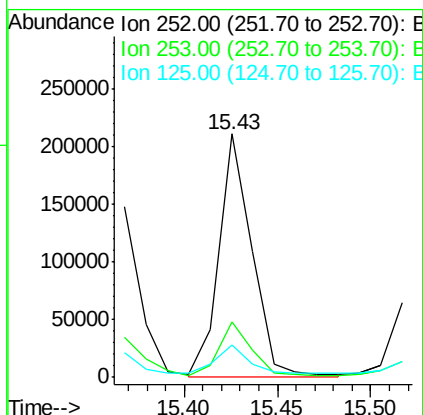
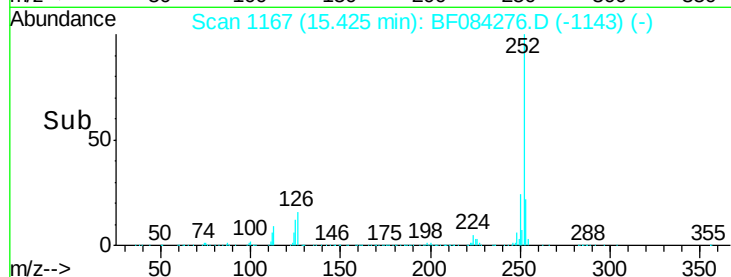
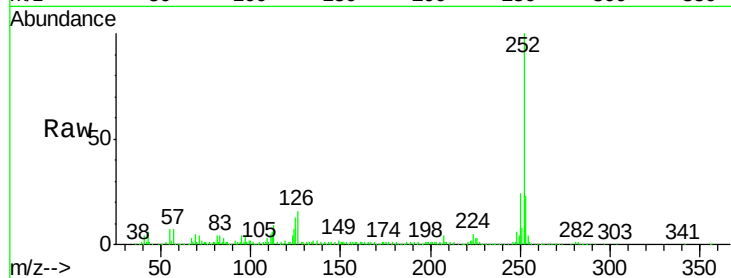
Tot Ion:252 Resp: 257869

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 13.3 7.0 10.4#



#91

Benzo(g,h,i)perylene

Concen: 5.15 ng

RT: 17.32 min Scan# 1333

Delta R.T. -0.03 min

Lab File: BF084276.D

Acq: 5 Jan 2016 10:07

Tgt Ion:276 Resp: 137853

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 22.2 17.8 26.6

