

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
 Data File : BF083548.D
 Acq On : 7 Dec 2015 7:48
 Operator : UM/IZ
 Sample : G4594-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 09:45:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	143791	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	506130	20.00	ng	-0.03
38) Acenaphthene-d10	10.45	164	220761	20.00	ng	-0.01
63) Phenanthrene-d10	12.85	188	294199	20.00	ng	0.00
75) Chrysene-d12	17.06	240	259897	20.00	ng	0.01
86) Perylene-d12	18.69	264	213537	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.02	112	1493822	157.61	ng	-0.01
7) Phenol-d6	5.31	99	1889739	144.71	ng	-0.01
23) Nitrobenzene-d5	6.57	82	1270923	117.38	ng	-0.03
41) 2,4,6-Tribromophenol	11.76	330	276418	135.74	ng	0.00
44) 2-Fluorobiphenyl	9.40	172	1533952	94.25	ng	-0.02
78) Terphenyl-d14	15.49	244	1105193	94.63	ng	0.01

Target Compounds						Qvalue
3) Pyridine	2.28	79	628074	52.94	ng	# 27
9) Benzaldehyde	5.13	77	141542	18.90	ng	# 1
10) Phenol	5.32	94	41329	2.71	ng	# 9
15) Benzyl Alcohol	5.96	79	32291	3.56	ng	# 44
18) Hexachloroethane	6.43	117	91257	21.90	ng	# 1
19) n-Nitroso-di-n-propylamine	6.35	70	18273	2.10	ng	# 82
22) Acetophenone	6.32	105	200732	13.77	ng	# 59
24) Nitrobenzene	6.54	77	104870	8.79	ng	# 21
25) Isophorone	6.91	82	93119	4.48	ng	# 1
26) 2-Nitrophenol	7.02	139	18765	3.99	ng	# 1
31) Naphthalene	7.68	128	171617	6.37	ng	# 83
32) Benzoic acid	7.52	122	9018	4.55	ng	# 1
35) Caprolactam	8.43	113	131691	55.15	ng	# 24
47) 2-Nitroaniline	9.76	65	17305	3.29	ng	# 13
48) Acenaphthylene	10.22	152	135699	5.61	ng	# 58
49) Dimethylphthalate	10.09	163	443438	25.52	ng	# 96
50) 2,6-Dinitrotoluene	10.17	165	10868	2.97	ng	# 73
51) Acenaphthene	10.50	154	192059	13.79	ng	# 94
52) 3-Nitroaniline	10.42	138	10065	2.55	ng	# 69
53) 2,4-Dinitrophenol	10.62	184	1593	8.35	ng	# 1
54) Dibenzofuran	10.79	168	256548	13.29	ng	# 87
55) 4-Nitrophenol	10.79	139	120682	54.32	ng	# 52
56) 2,4-Dinitrotoluene	10.83	165	53622	11.22	ng	# 64
57) Fluorene	11.35	166	389286	23.19	ng	# 95
61) 4-Nitroaniline	11.20	138	18648	5.22	ng	# 89
62) Azobenzene	11.62	77	45281	2.54	ng	# 1
64) 4,6-Dinitro-2-methylphenol	11.51	198	3174	4.97	ng	# 1
65) n-Nitrosodiphenylamine	11.57	169	357405	36.69	ng	# 41
68) Atrazine	12.45	200	10488	3.56	ng	# 1
69) Pentachlorophenol	12.60	266	813	4.94	ng	# 1
70) Phenanthrene	12.89	178	231292	13.51	ng	# 87
71) Anthracene	12.98	178	368988	21.13	ng	# 85
74) Fluoranthene	14.84	202	1167107	68.77	ng	# 96
77) Pyrene	15.20	202	1435197	73.82	ng	# 96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
 Data File : BF083548.D
 Acq On : 7 Dec 2015 7:48
 Operator : UM/IZ
 Sample : G4594-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 09:45:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

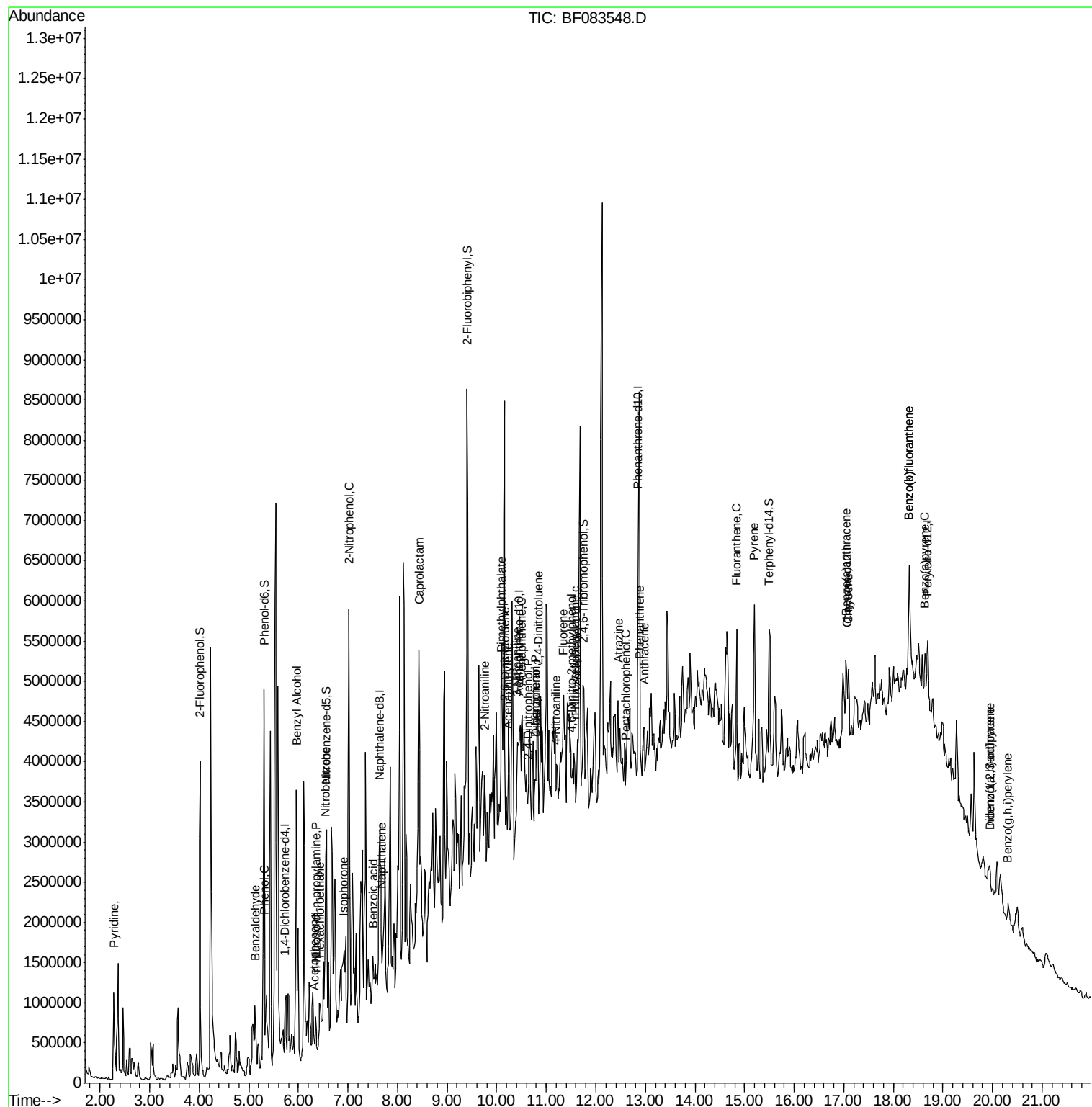
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	17.05	228	598071	39.33	nq	# 91
82) Chrysene	17.09	228	578959	38.22	nq	# 92
85) Indeno(1,2,3-cd)pyrene	19.95	276	103684	7.98	nq	# 100
87) Benzo(b)fluoranthene	18.32	252	418798	34.92	nq	# 74
88) Benzo(k)fluoranthene	18.32	252	418798	34.09	nq	# 76
89) Benzo(a)pyrene	18.64	252	147003	12.60	nq	# 53
90) Dibenzo(a,h)anthracene	19.95	278	32685	2.91	nq	# 18
91) Benzo(a,h,i)perylene	20.31	276	106782	9.44	nq	# 88

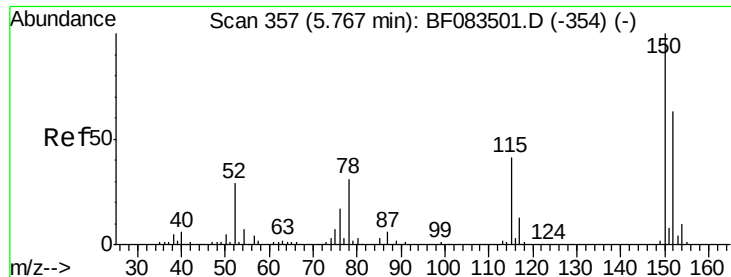
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083548.D
Acq On : 7 Dec 2015 7:48
Operator : UM/IZ
Sample : G4594-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Dec 07 09:45:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration



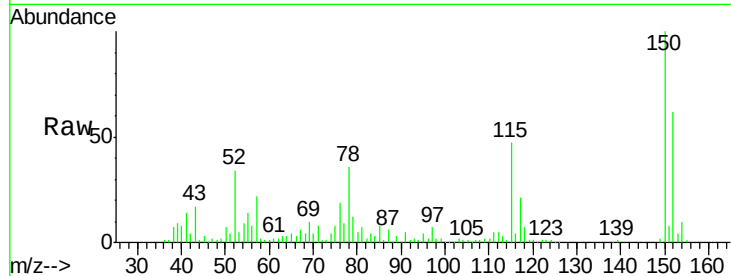


#1

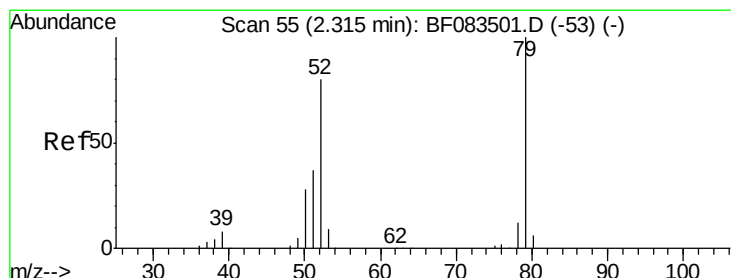
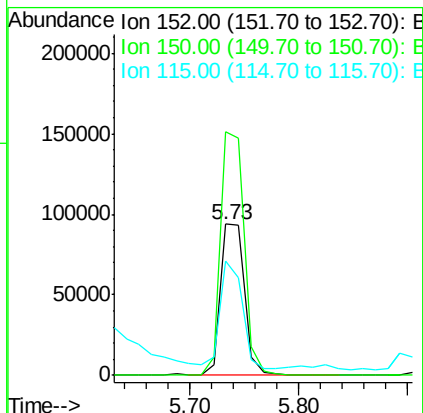
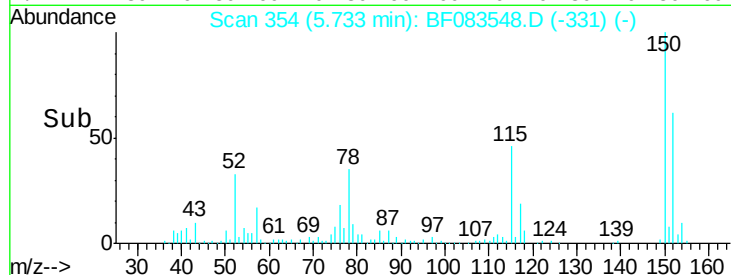
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.73 min Scan# 354
Delta R.T. -0.03 min
Lab File: BF083548.D
Acq: 7 Dec 2015 7:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143791
Ion Ratio Lower Upper
152 100
150 160.9 126.5 189.7
115 75.3 52.3 78.5



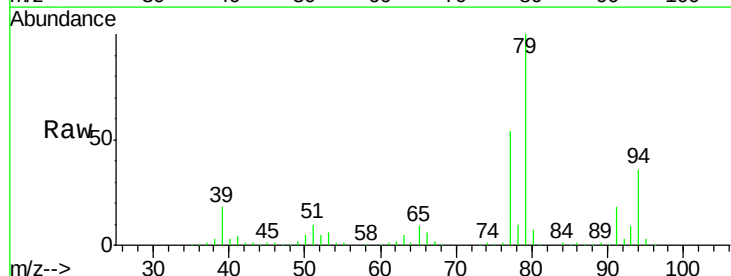
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



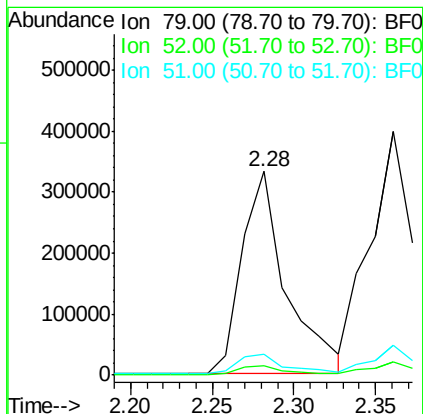
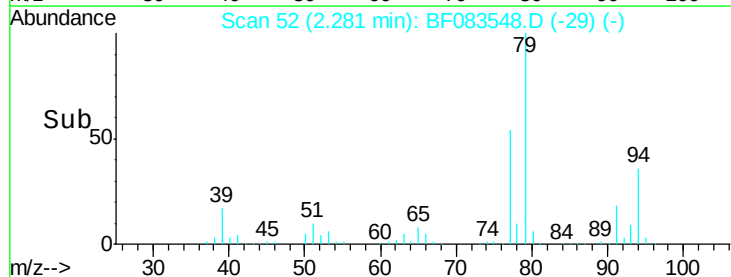
#3

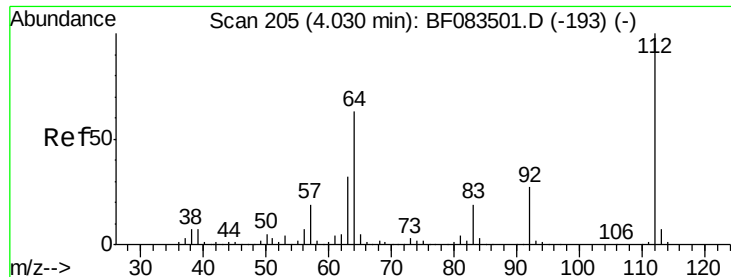
Pyridine
Concen: 52.94 ng
RT: 2.28 min Scan# 52
Delta R.T. -0.03 min
Lab File: BF083548.D
Acq: 7 Dec 2015 7:48

Tgt Ion: 79 Resp: 628074
Ion Ratio Lower Upper
79 100
52 4.6 63.7 95.5#
51 10.3 30.6 45.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0





#5

2-Fluorophenol

Concen: 157.61 ng

RT: 4.02 min Scan# 204

Delta R.T. -0.01 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

Instrument :

BNA_F

ClientSampled :

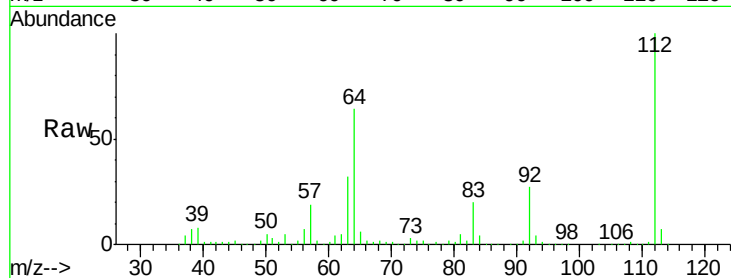
Tot Ion:112 Resp: 1493822

Ion Ratio Lower Upper

112 100

64 64.1 50.5 75.7

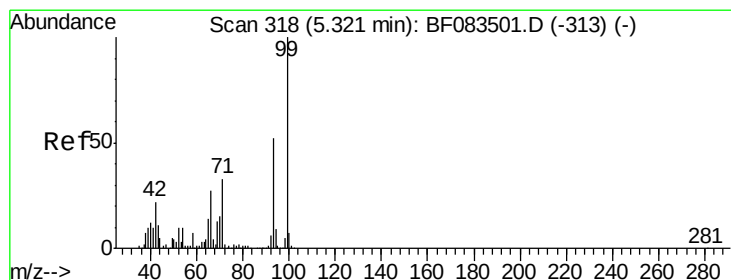
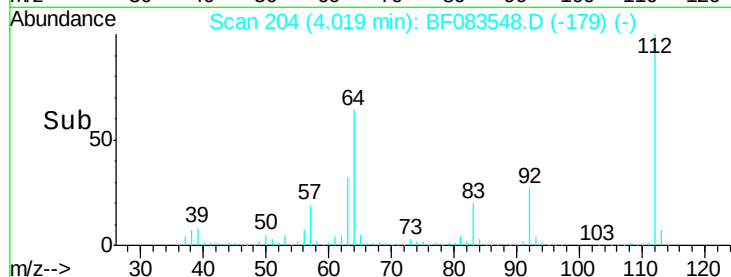
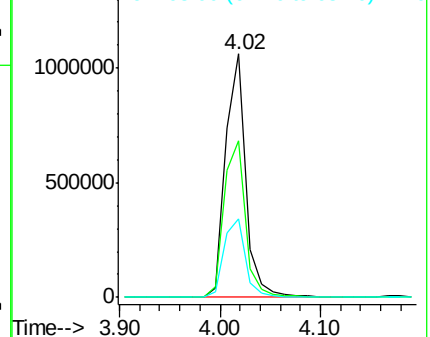
63 32.2 25.8 38.6



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: 144.71 ng

RT: 5.31 min Scan# 317

Delta R.T. -0.01 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

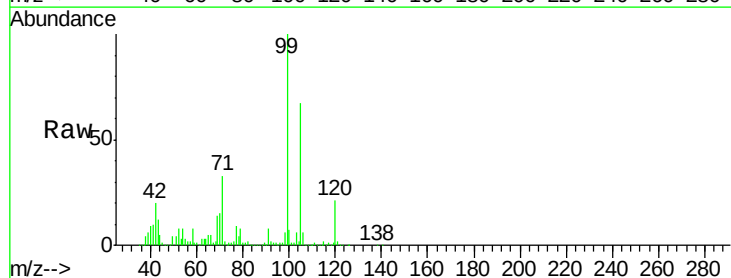
Tgt Ion: 99 Resp: 1889739

Ion Ratio Lower Upper

99 100

42 20.4 17.3 25.9

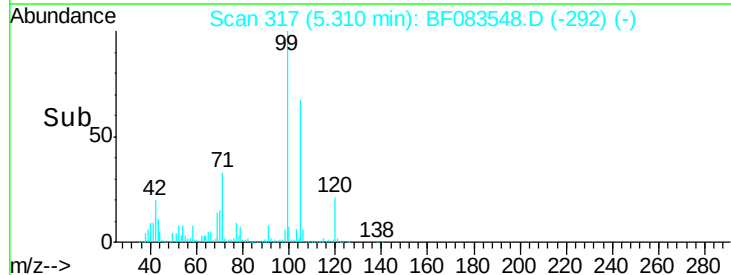
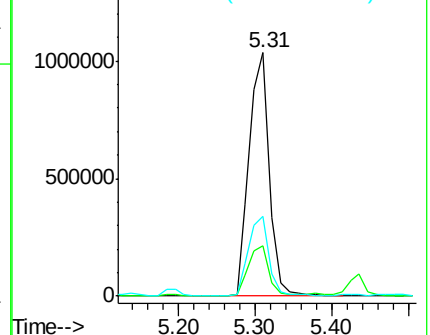
71 32.9 26.6 40.0

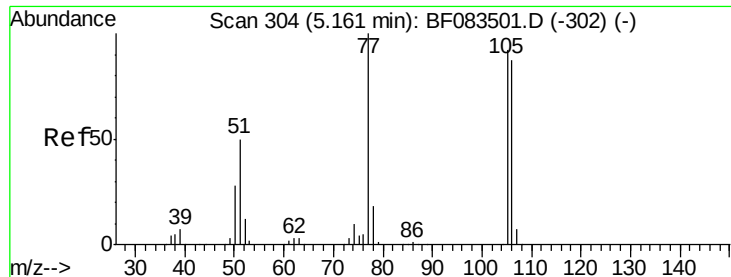


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 18.90 ng

RT: 5.13 min Scan# 301

Delta R.T. -0.03 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

Instrument :

BNA_F

ClientSampleId :

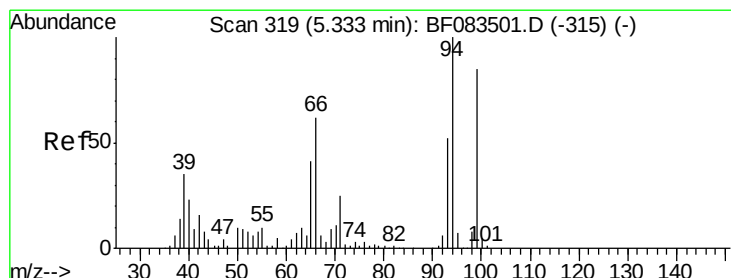
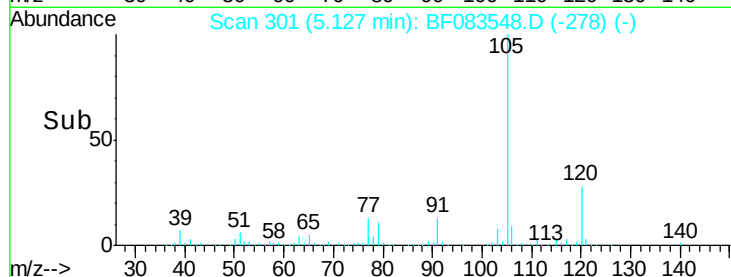
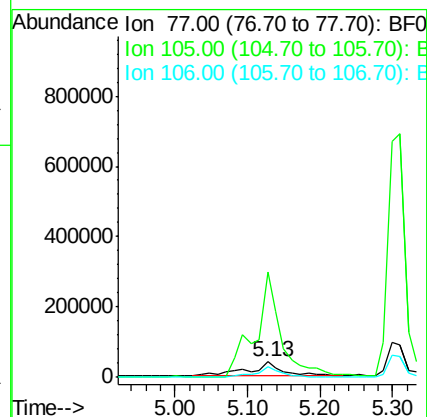
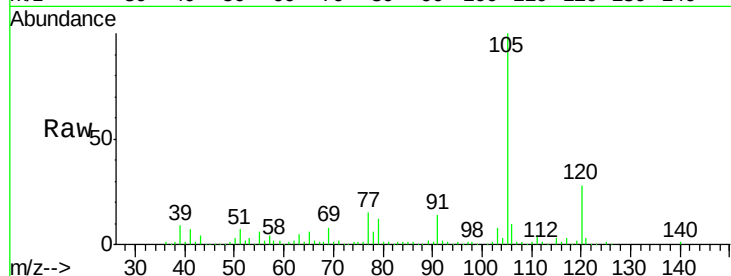
Tot Ion: 77 Resp: 141542

Ion Ratio Lower Upper

77 100

105 689.2 71.8 111.8#

106 65.9 66.8 106.8#



#10

Phenol

Concen: 2.71 ng

RT: 5.32 min Scan# 318

Delta R.T. -0.01 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

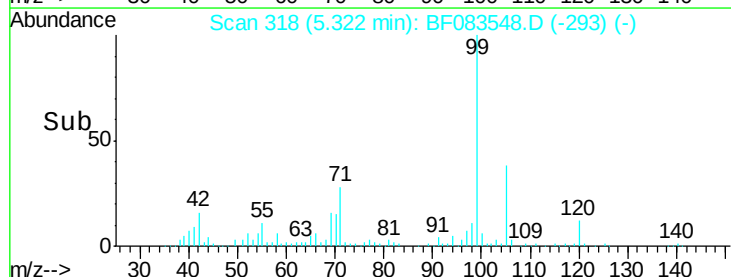
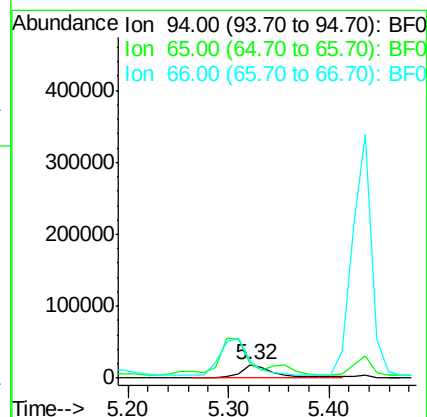
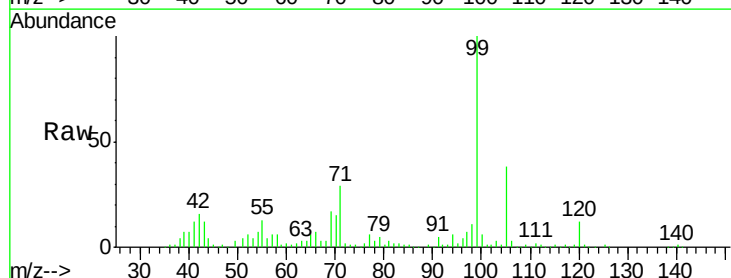
Tgt Ion: 94 Resp: 41329

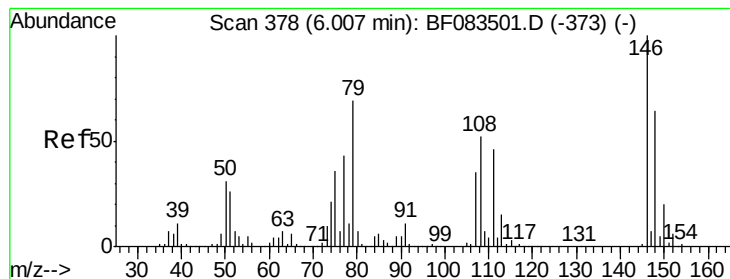
Ion Ratio Lower Upper

94 100

65 103.1 20.9 60.9#

66 126.5 41.6 81.6#





#15

Benzyl Alcohol

Concen: 3.56 ng

RT: 5.96 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

Instrument :

BNA_F

ClientSampled :

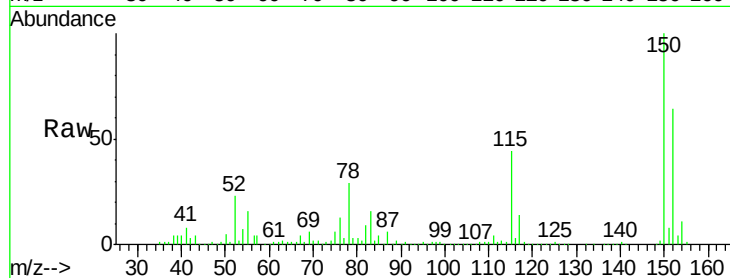
Tot Ion: 79 Resp: 32291

Ion Ratio Lower Upper

79 100

108 23.2 59.6 89.4#

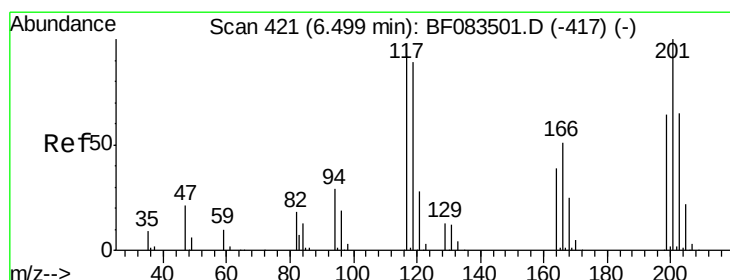
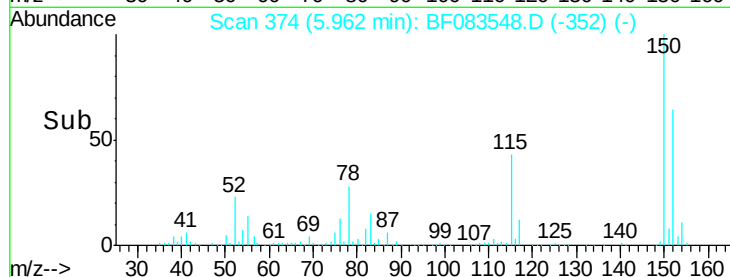
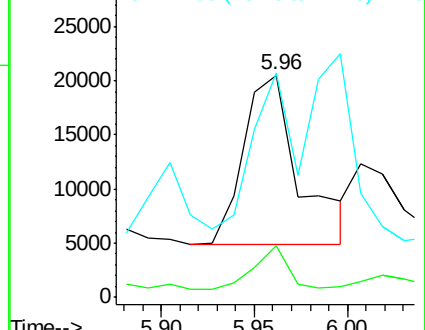
77 100.9 49.8 74.6#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 21.90 ng

RT: 6.43 min Scan# 415

Delta R.T. -0.07 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

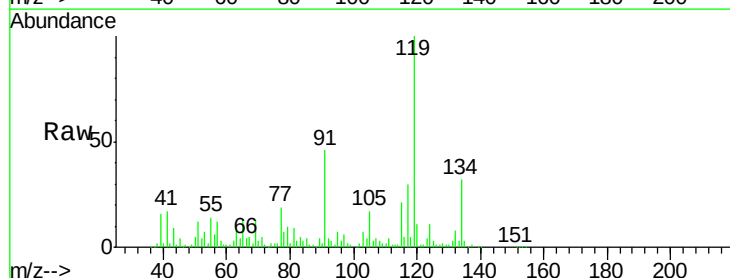
Tgt Ion: 117 Resp: 91257

Ion Ratio Lower Upper

117 100

119 328.4 77.2 115.8#

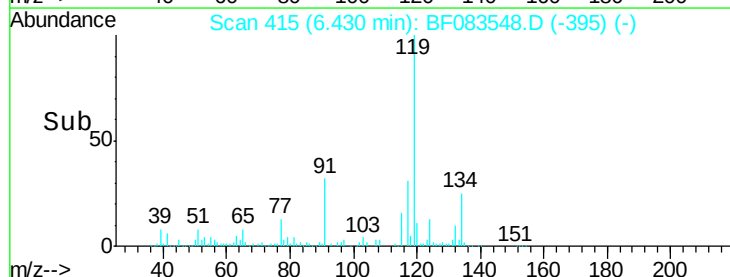
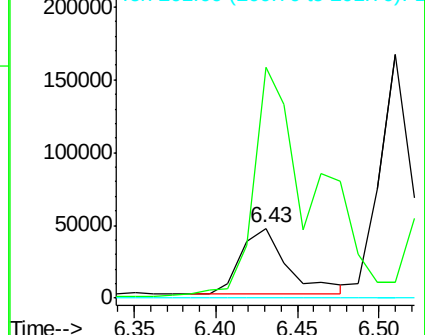
201 0.0 86.8 130.2#

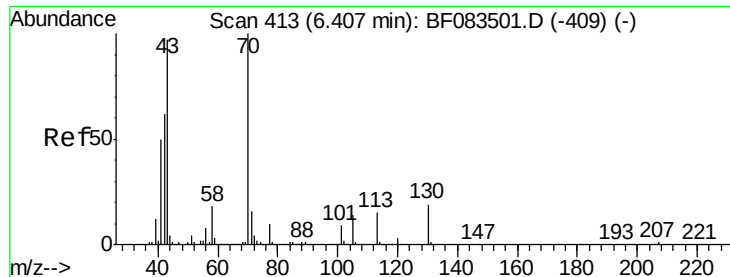


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

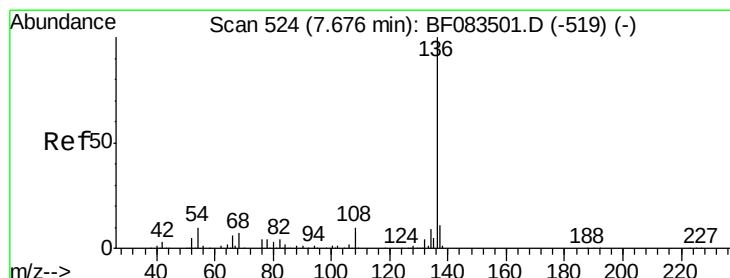
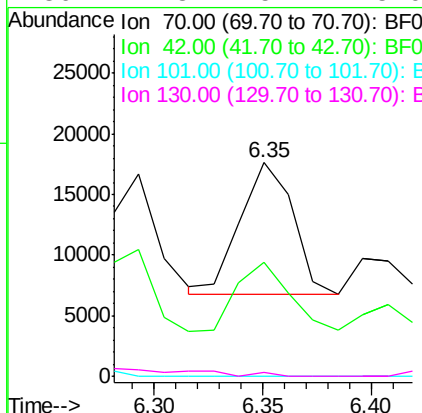
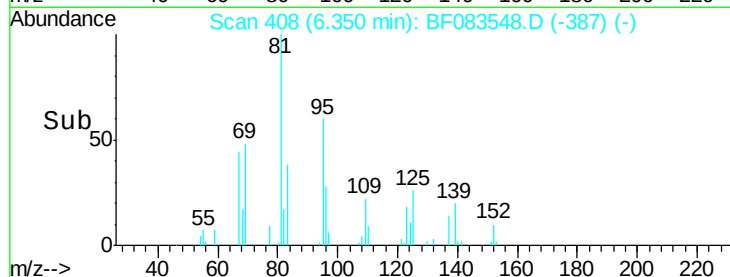
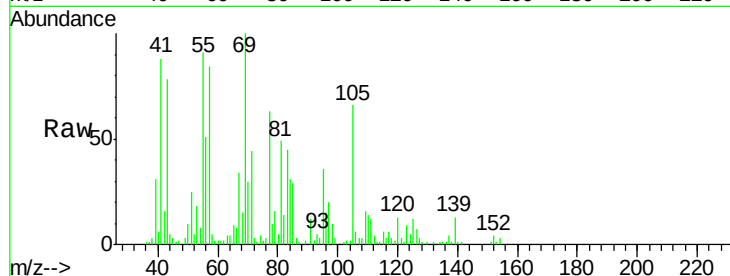




#19
n-Nitroso-di-n-propylamine
Concen: 2.10 ng
RT: 6.35 min Scan# 408
Delta R.T. -0.06 min
Lab File: BF083548.D
Acq: 7 Dec 2015 7:48

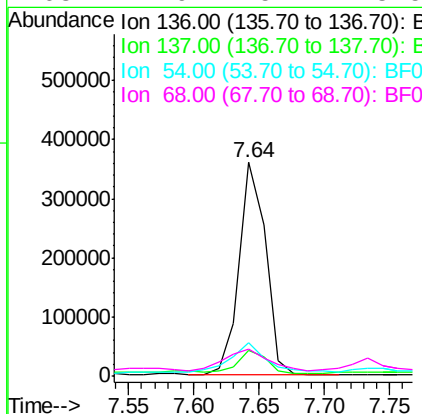
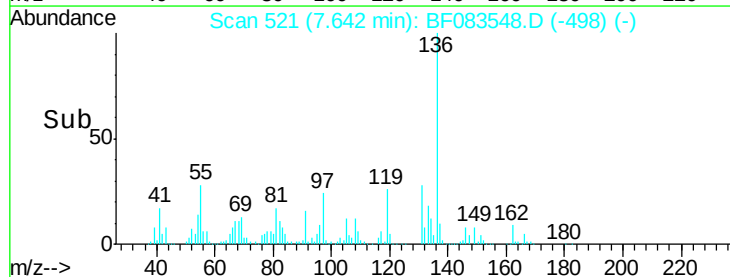
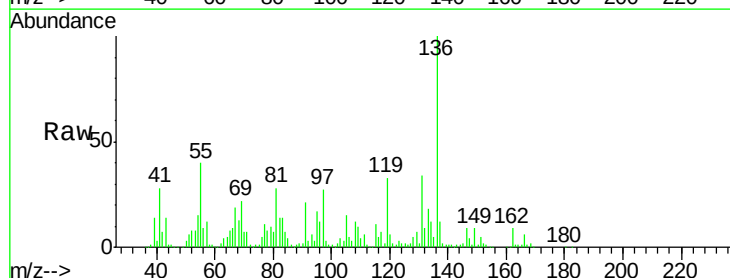
Instrument :
BNA_F
ClientSampleId :

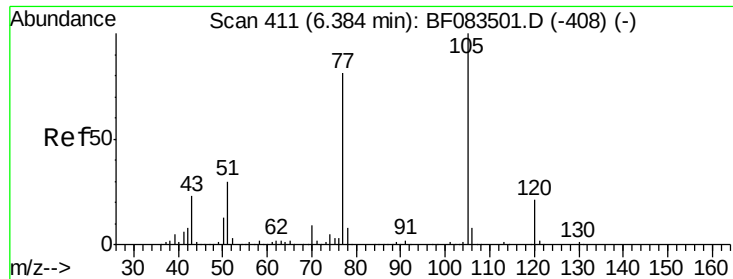
Tot Ion: 70 Resp: 18273
Ion Ratio Lower Upper
70 100
42 53.4 49.2 73.8
101 0.0 7.1 10.7#
130 1.8 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 521
Delta R.T. -0.03 min
Lab File: BF083548.D
Acq: 7 Dec 2015 7:48

Tgt Ion: 136 Resp: 506130
Ion Ratio Lower Upper
136 100
137 12.3 8.7 13.1
54 15.4 7.8 11.6#
68 12.9 5.7 8.5#





#22

Acetophenone

Concen: 13.77 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.07 min

Lab File: BF083548.D

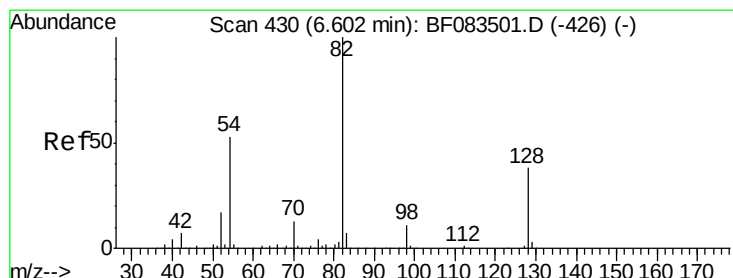
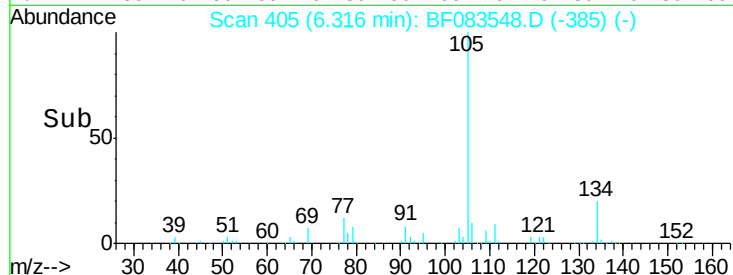
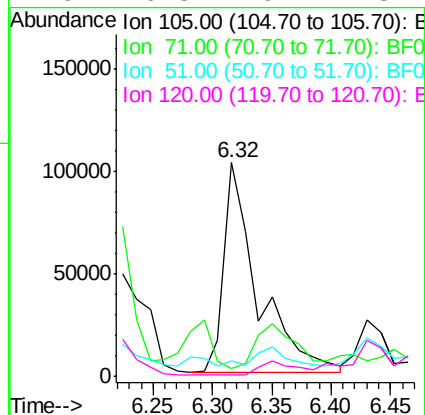
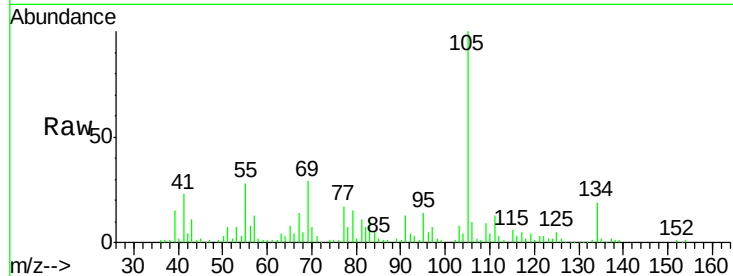
Acq: 7 Dec 2015 7:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	105	Resp:	200732
Ion Ratio	Lower	Upper	
105	100		
71	3.4	1.3	1.9#
51	7.3	23.8	35.8#
120	0.5	16.7	25.1#



#23

Nitrobenzene-d5

Concen: 117.38 ng

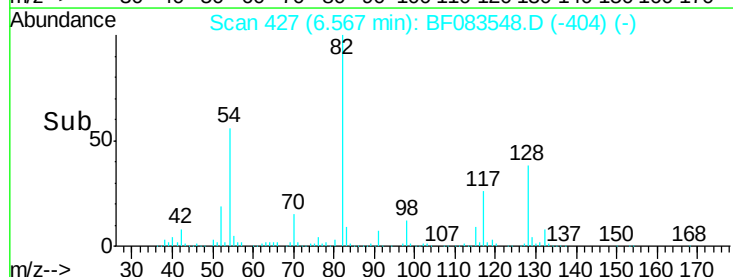
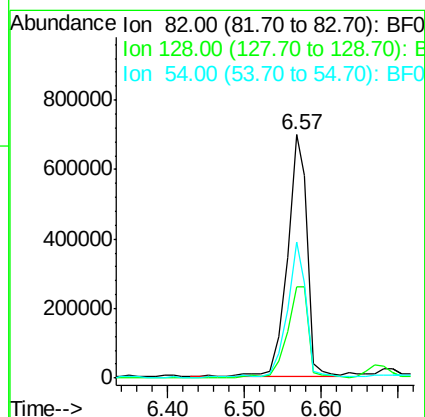
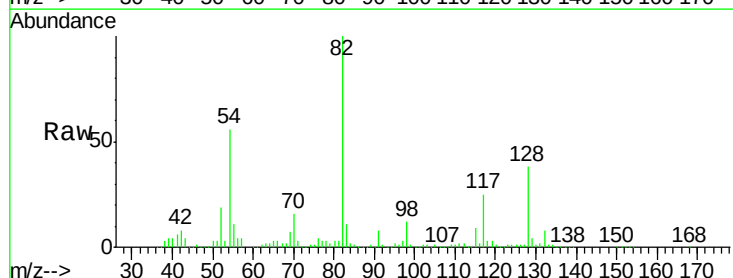
RT: 6.57 min Scan# 427

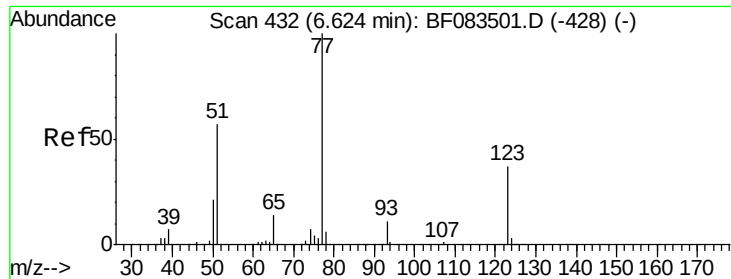
Delta R.T. -0.03 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

Tgt Ion:	82	Resp:	1270923
Ion Ratio	Lower	Upper	
82	100		
128	37.5	30.7	46.1
54	55.6	42.5	63.7

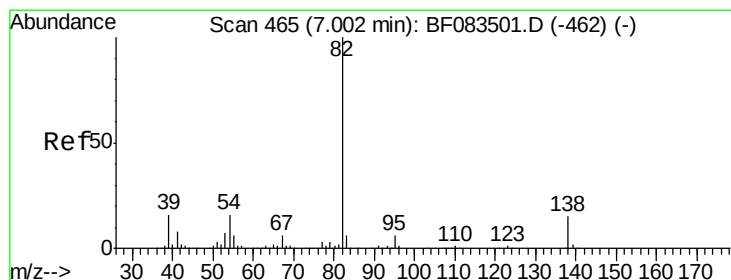
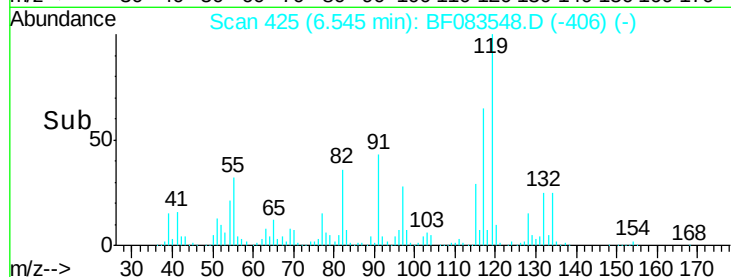
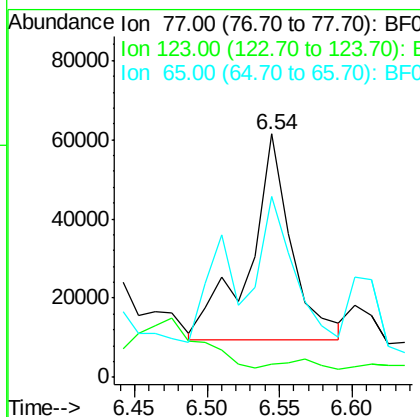
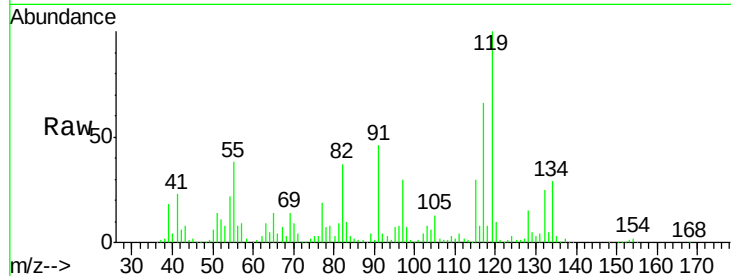




#24
 Nitrobenzene
 Concen: 8.79 ng
 RT: 6.54 min Scan# 425
 Delta R.T. -0.08 min
 Lab File: BF083548.D
 Acq: 7 Dec 2015 7:48

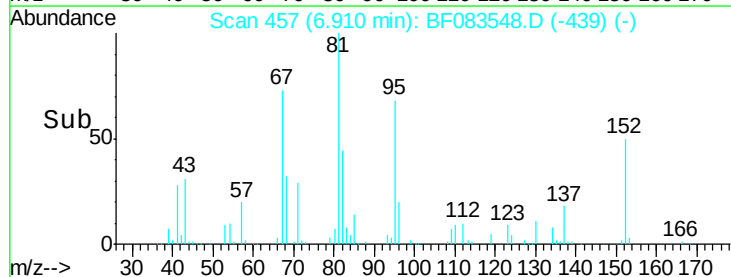
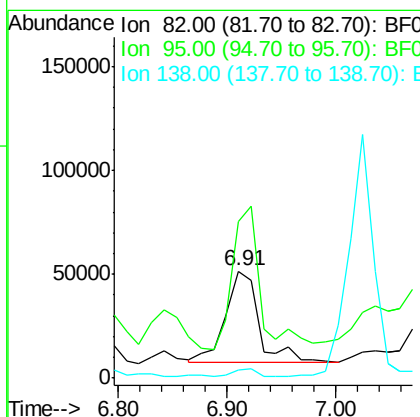
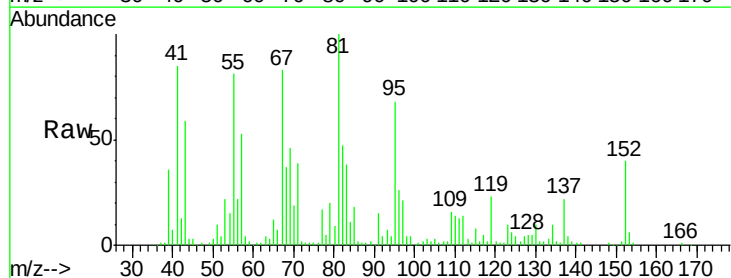
Instrument :
 BNA_F
 ClientSampleId :

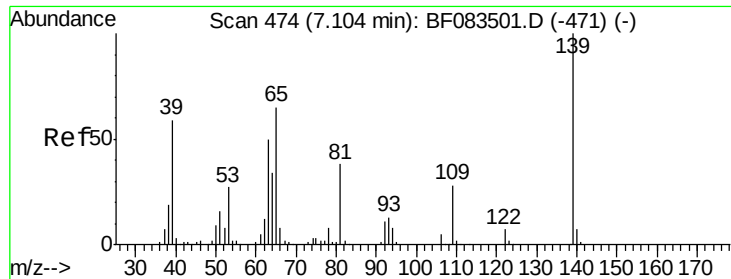
Tot Ion: 77 Resp: 104870
 Ion Ratio Lower Upper
 77 100
 123 5.2 29.8 44.6#
 65 74.1 11.1 16.7#



#25
 Isophorone
 Concen: 4.48 ng
 RT: 6.91 min Scan# 457
 Delta R.T. -0.09 min
 Lab File: BF083548.D
 Acq: 7 Dec 2015 7:48

Tgt Ion: 82 Resp: 93119
 Ion Ratio Lower Upper
 82 100
 95 145.8 5.0 7.4#
 138 7.6 12.1 18.1#





#26

2-Nitrophenol

Concen: 3.99 ng

RT: 7.02 min Scan# 467

Delta R.T. -0.08 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

Instrument :

BNA_F

ClientSampled :

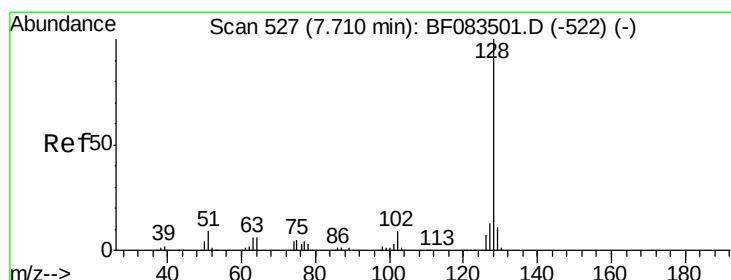
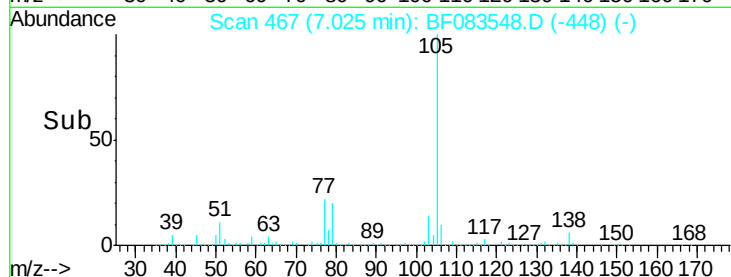
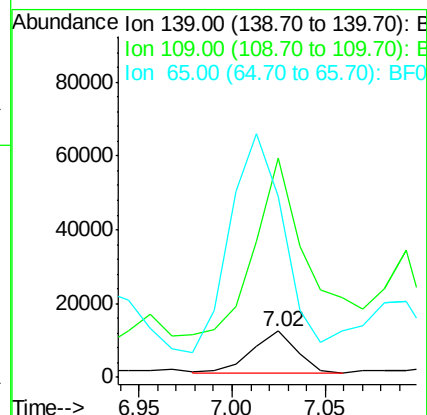
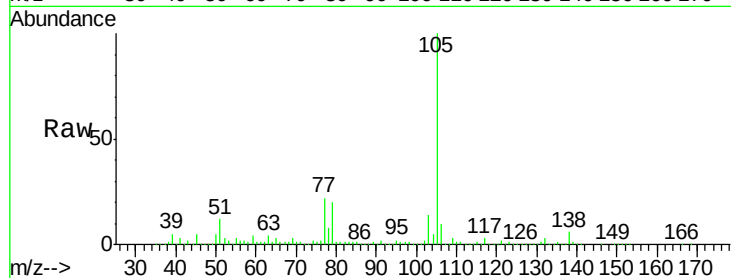
Tot Ion:139 Resp: 18765

Ion Ratio Lower Upper

139 100

109 473.3 22.7 34.1#

65 391.3 51.8 77.8#



#31

Naphthalene

Concen: 6.37 ng

RT: 7.68 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

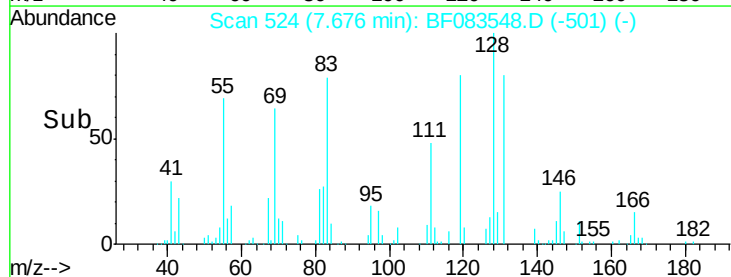
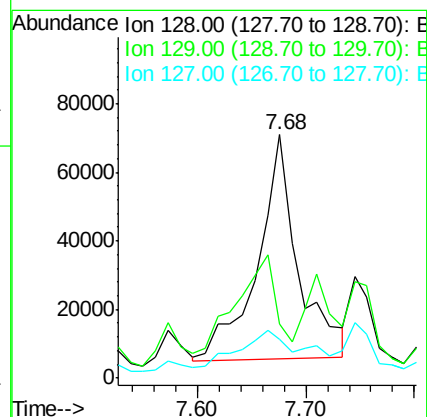
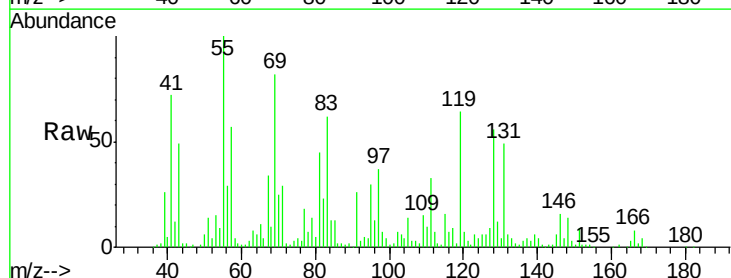
Tgt Ion:128 Resp: 171617

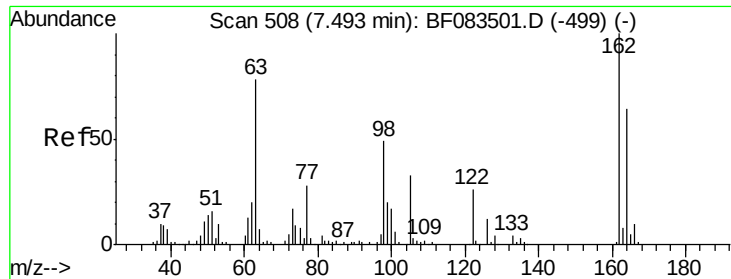
Ion Ratio Lower Upper

128 100

129 22.3 8.6 13.0#

127 16.0 10.6 16.0#

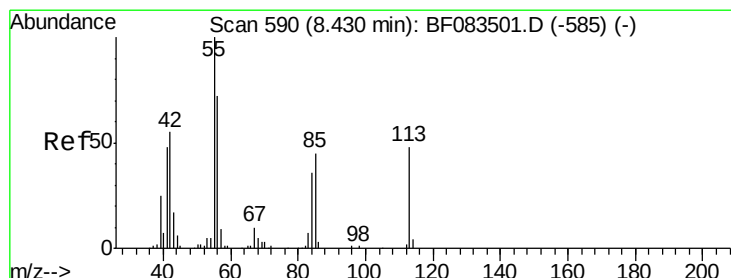
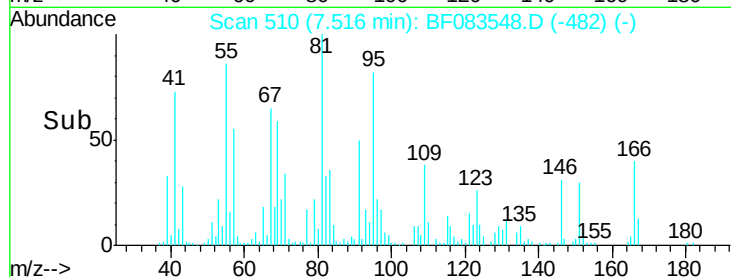
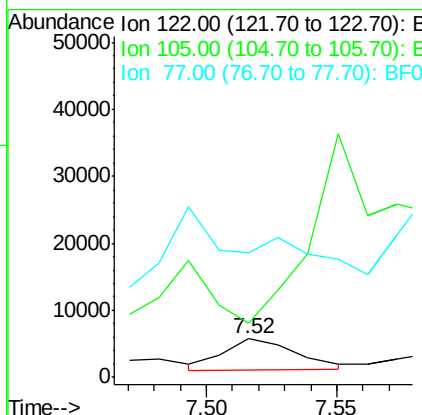
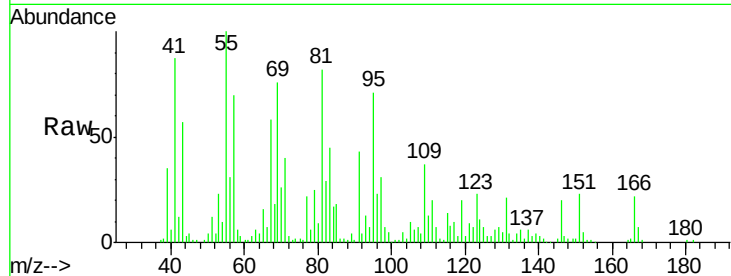




#32
Benzoic acid
Concen: 4.55 ng
RT: 7.52 min Scan# 510
Delta R.T. 0.02 min
Lab File: BF083548.D
Acq: 7 Dec 2015 7:48

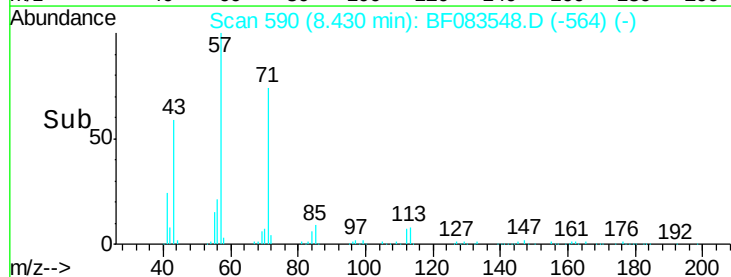
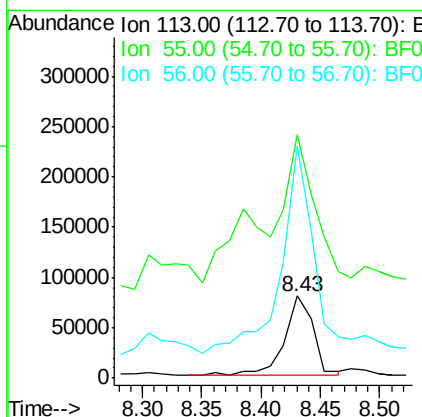
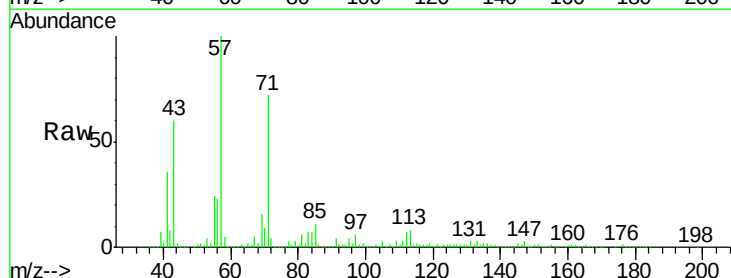
Instrument :
BNA_F
ClientSampleId :

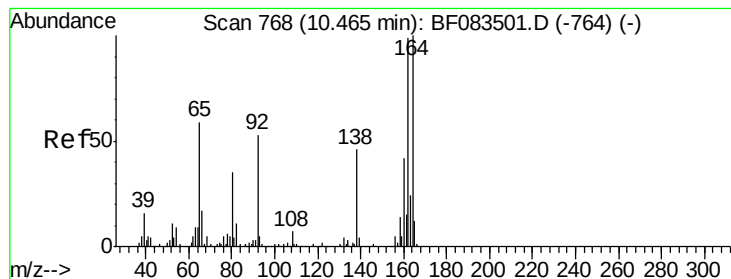
Tot Ion:122 Resp: 9018
Ion Ratio Lower Upper
122 100
105 141.6 105.6 145.6
77 322.5 86.8 126.8#



#35
Caprolactam
Concen: 55.15 ng
RT: 8.43 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF083548.D
Acq: 7 Dec 2015 7:48

Tgt Ion:113 Resp: 131691
Ion Ratio Lower Upper
113 100
55 297.9 189.7 229.7#
56 283.3 130.7 170.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.45 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

Instrument :

BNA_F

ClientSampleId :

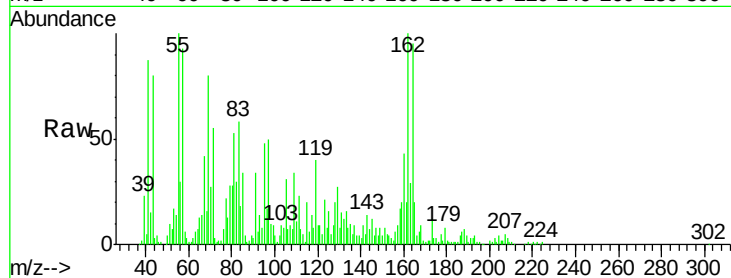
Tot Ion:164 Resp: 220761

Ion Ratio Lower Upper

164 100

162 105.4 78.8 118.2

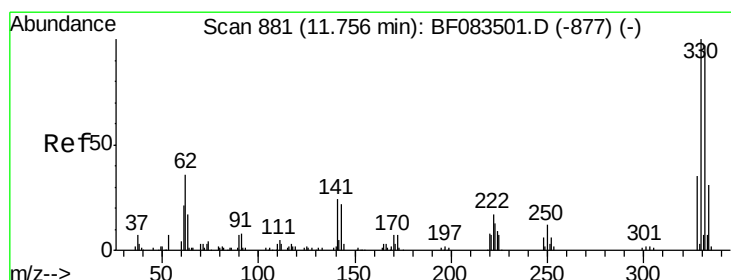
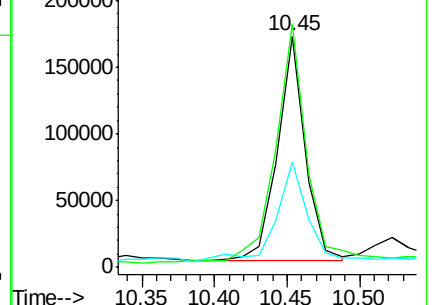
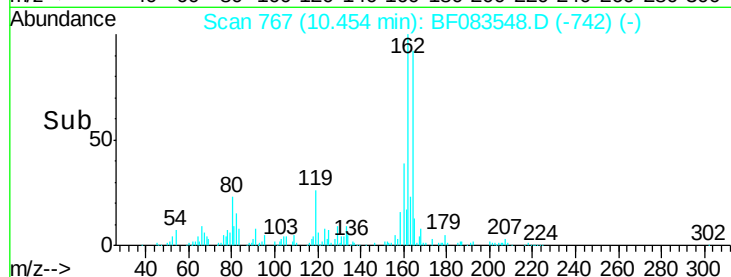
160 45.5 33.4 50.2



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: 135.74 ng

RT: 11.76 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

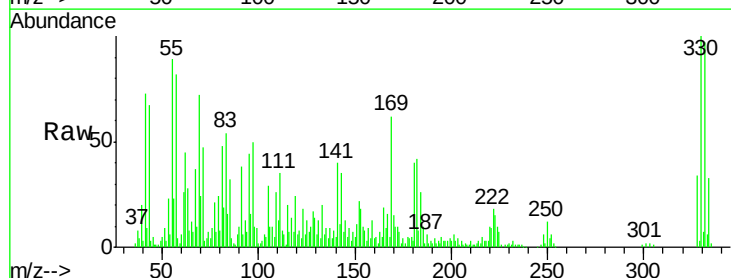
Tgt Ion:330 Resp: 276418

Ion Ratio Lower Upper

330 100

332 95.7 0.0 0.0#

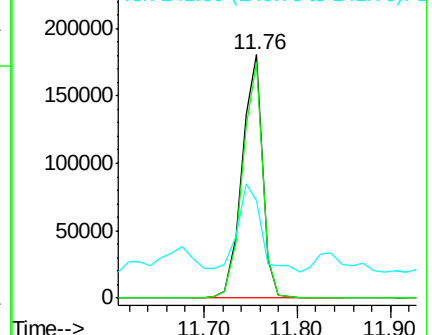
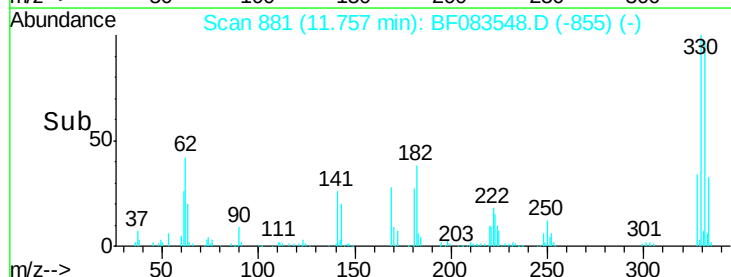
141 42.6 0.0 0.0#

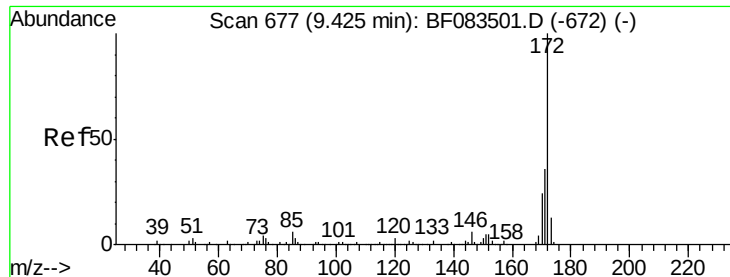


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 94.25 ng

RT: 9.40 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

Instrument :

BNA_F

ClientSampled :

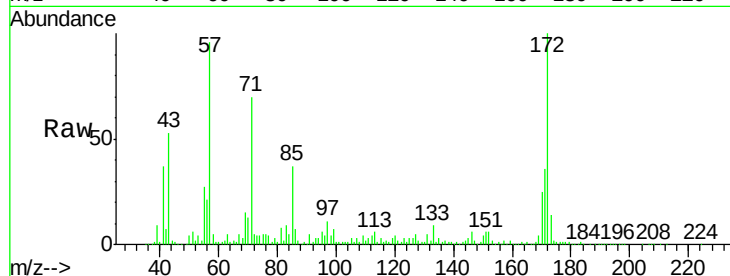
Tot Ion:172 Resp: 1533952

Ion Ratio Lower Upper

172 100

171 36.3 28.6 42.8

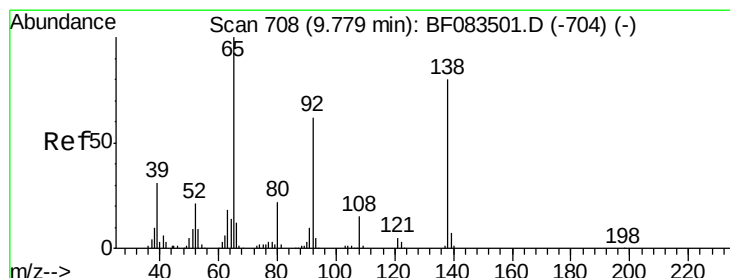
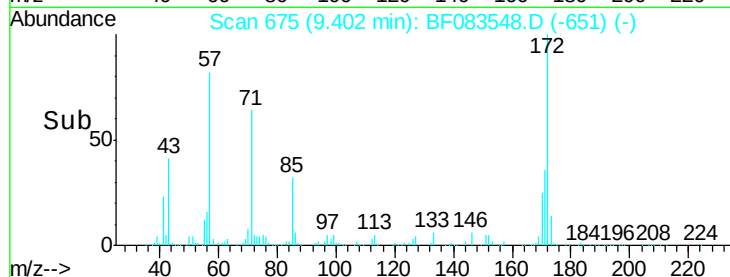
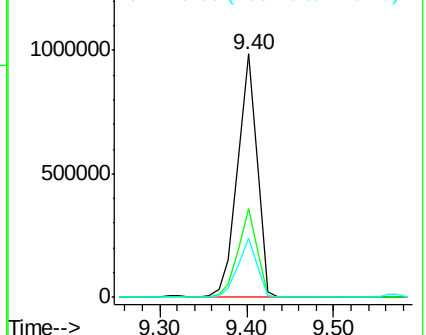
170 24.6 19.4 29.0



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: 3.29 ng

RT: 9.76 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

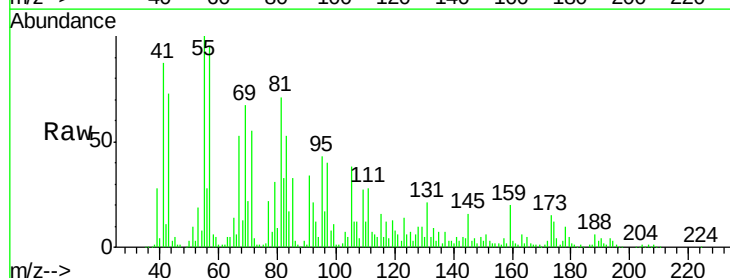
Tgt Ion: 65 Resp: 17305

Ion Ratio Lower Upper

65 100

92 150.8 49.6 74.4#

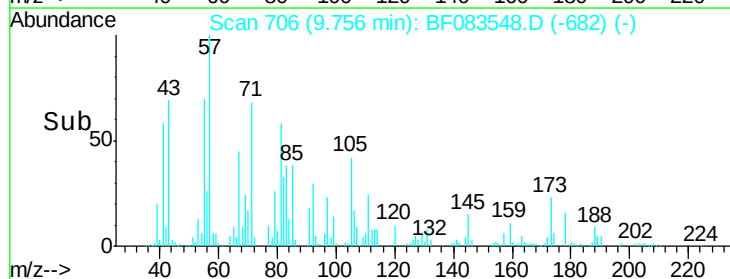
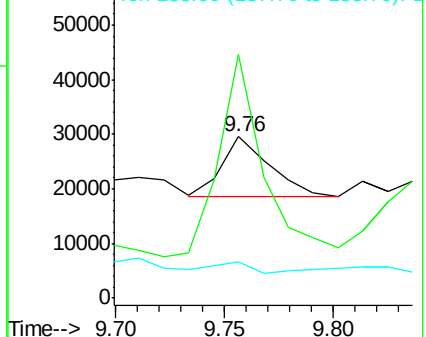
138 22.4 64.1 96.1#

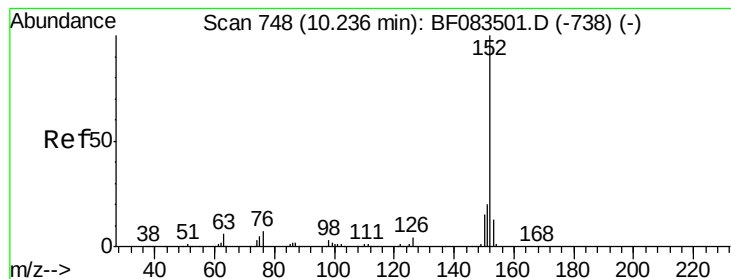


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 5.61 ng

RT: 10.22 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

Instrument :

BNA_F

ClientSampled :

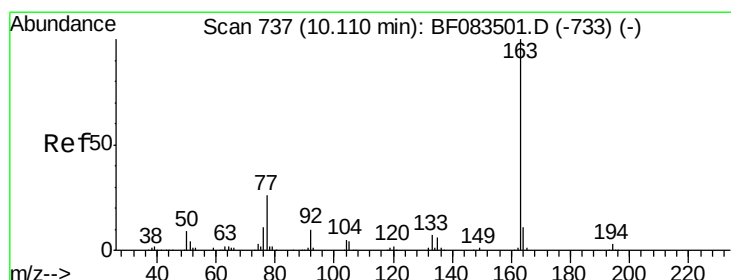
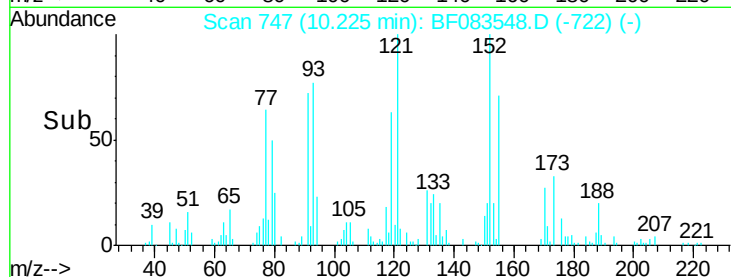
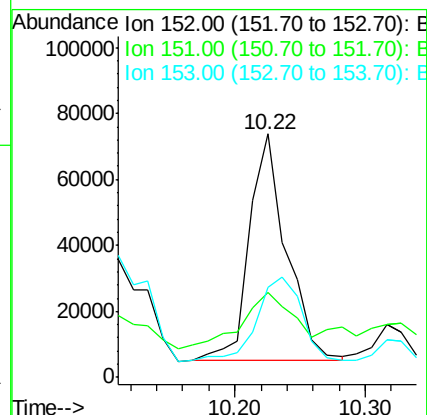
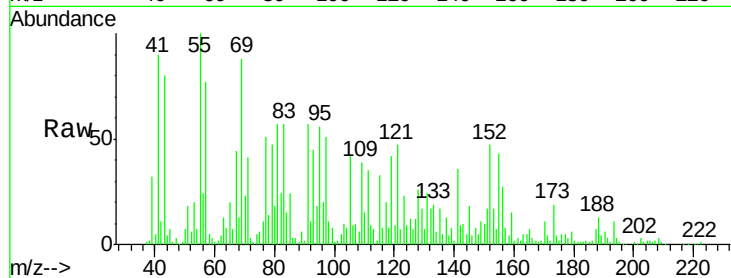
Tot Ion:152 Resp: 135699

Ion Ratio Lower Upper

152 100

151 35.0 16.3 24.5#

153 37.0 10.8 16.2#



#49

Dimethylphthalate

Concen: 25.52 ng

RT: 10.09 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

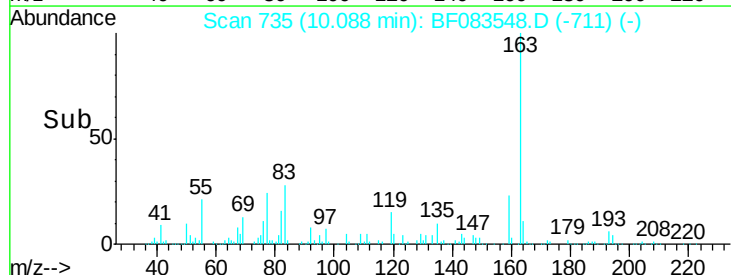
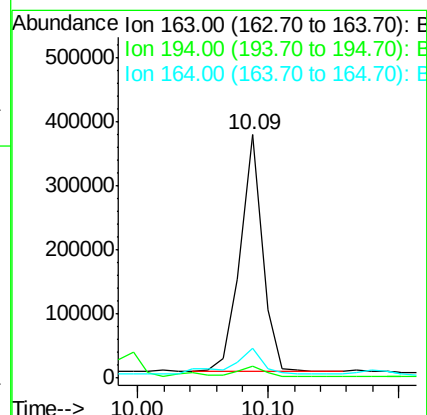
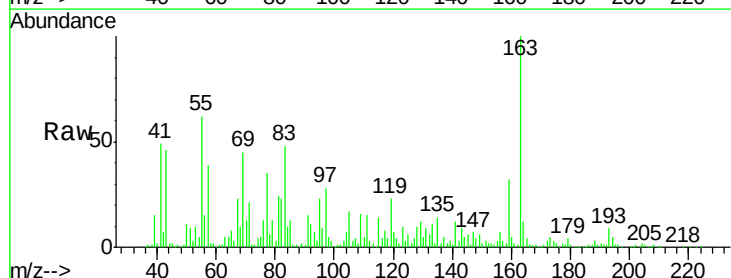
Tgt Ion:163 Resp: 443438

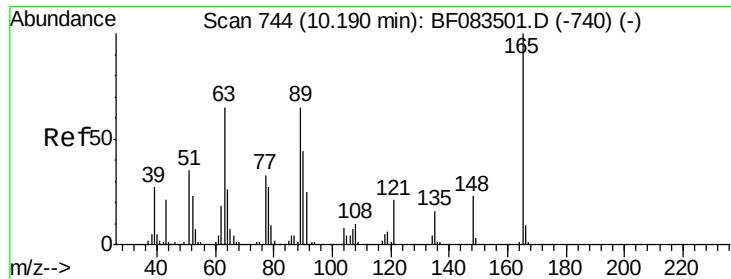
Ion Ratio Lower Upper

163 100

194 4.8 2.8 4.2#

164 12.1 8.6 13.0





#50

2,6-Dinitrotoluene

Concen: 2.97 ng

RT: 10.17 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

Instrument :

BNA_F

ClientSampleId :

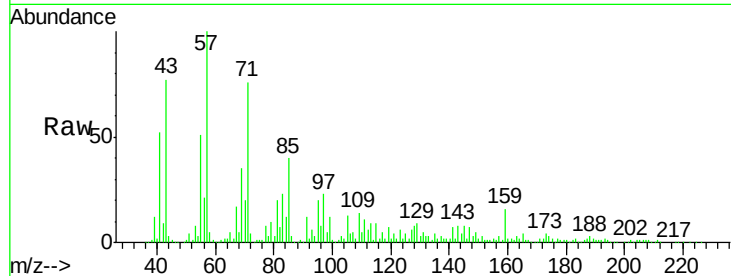
Tot Ion:165 Resp: 10868

Ion Ratio Lower Upper

165 100

63 60.0 56.9 85.3

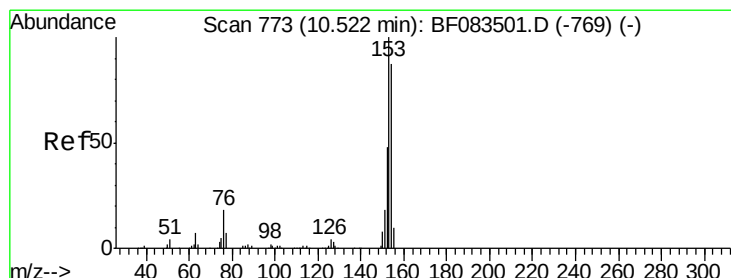
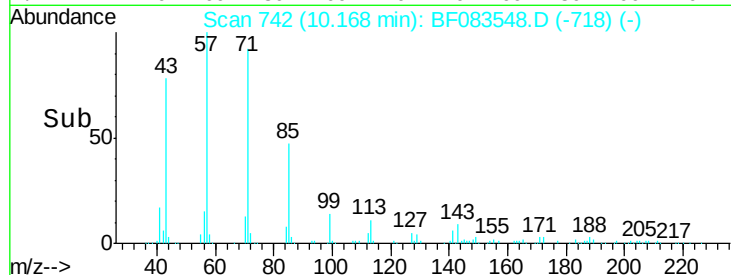
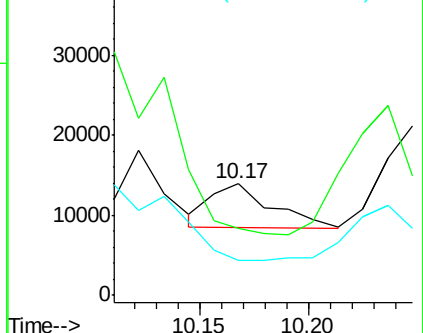
89 31.8 52.1 78.1#



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: 13.79 ng

RT: 10.50 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

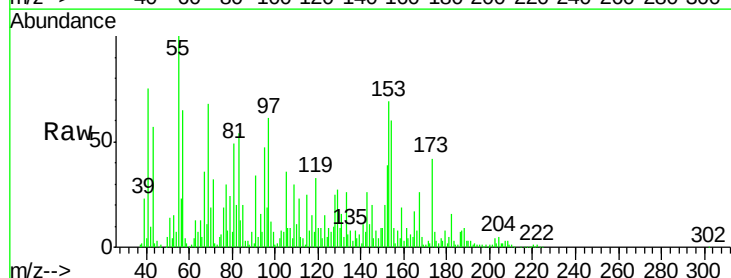
Tgt Ion:154 Resp: 192059

Ion Ratio Lower Upper

154 100

153 115.7 91.4 137.0

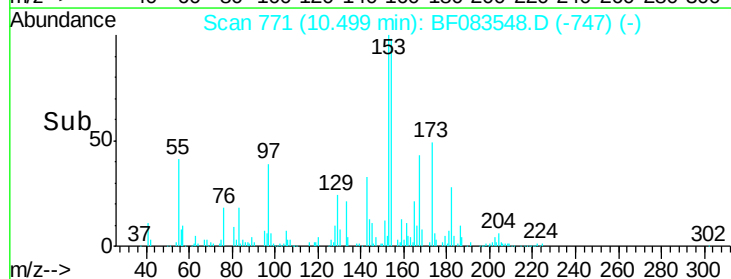
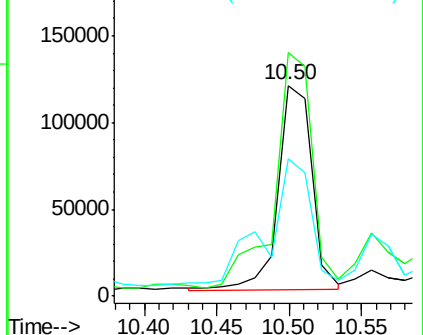
152 65.4 43.4 65.2#

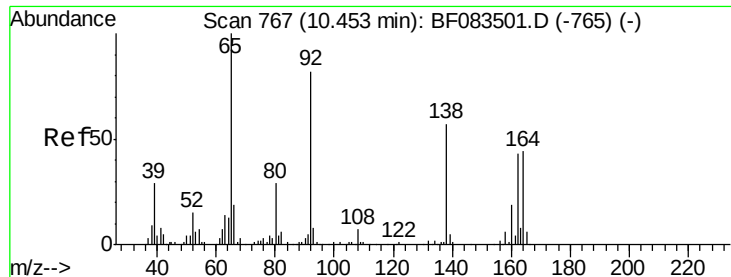


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 2.55 ng

RT: 10.42 min Scan# 764

Delta R.T. -0.03 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

Instrument :

BNA_F

ClientSampled :

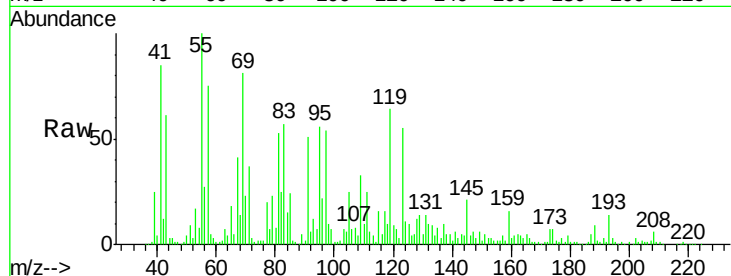
Tot Ion:138 Resp: 10065

Ion Ratio Lower Upper

138 100

108 72.4 9.9 14.9#

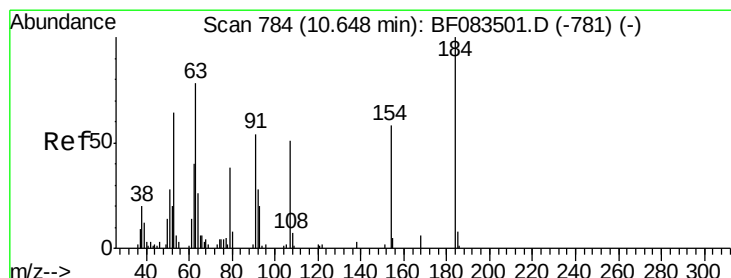
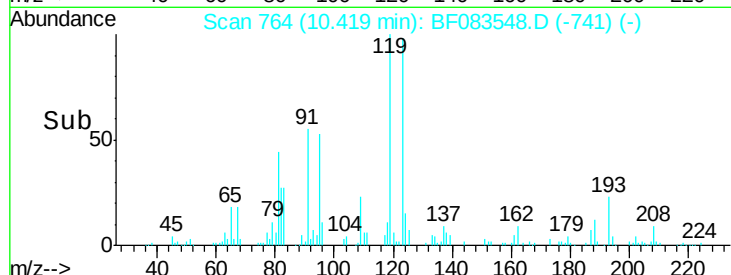
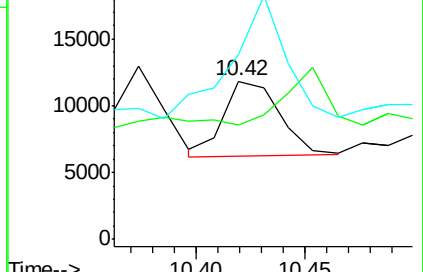
92 116.6 113.8 170.8



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: 8.35 ng

RT: 10.62 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

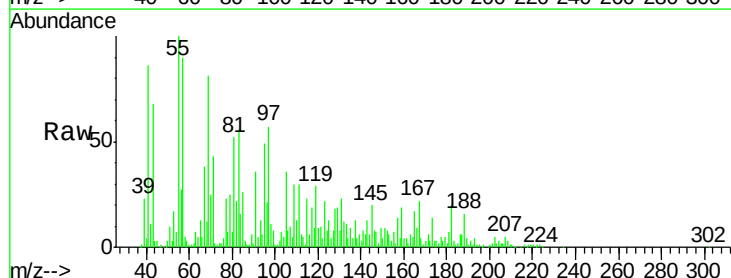
Tgt Ion:184 Resp: 1593

Ion Ratio Lower Upper

184 100

63 1151.9 62.4 93.6#

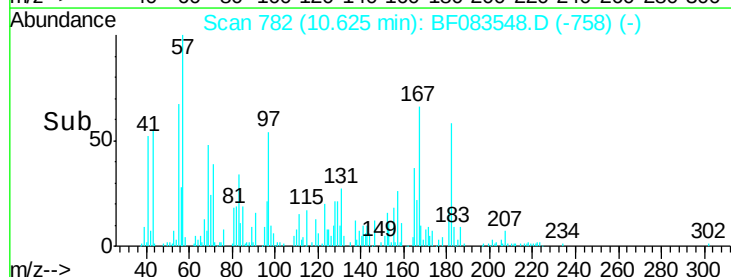
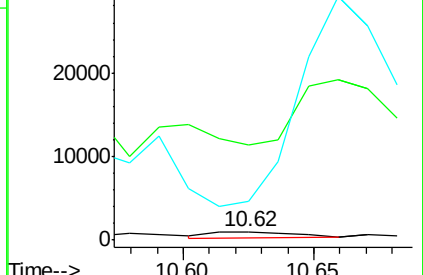
154 474.4 46.6 69.8#

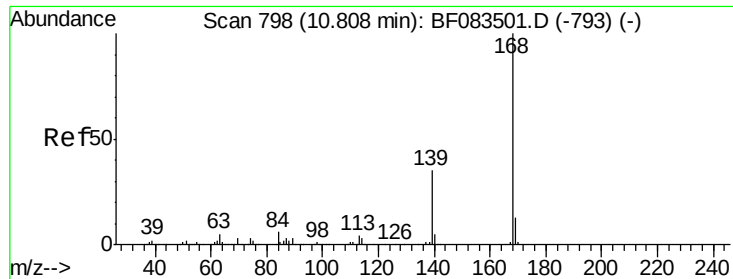


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

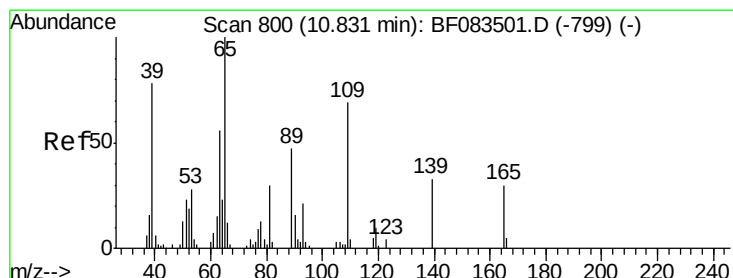
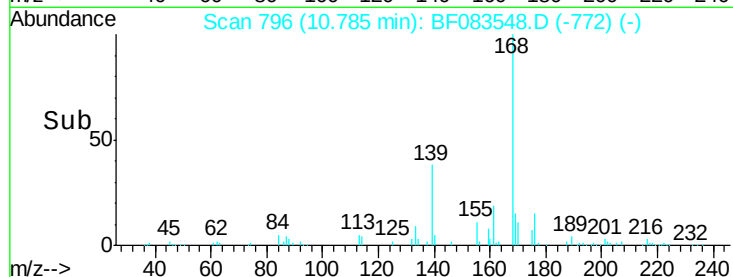
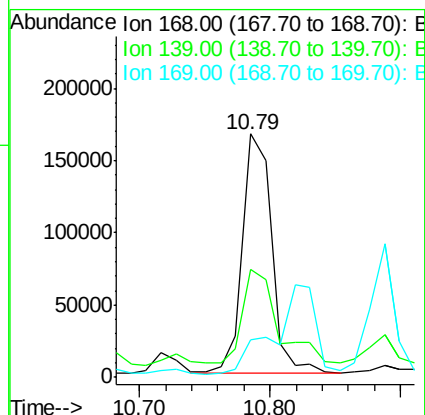
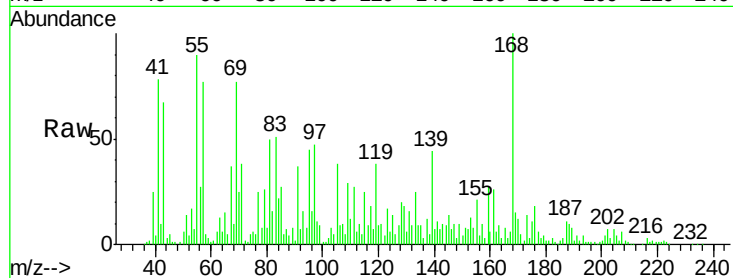




#54
Dibenzofuran
Concen: 13.29 ng
RT: 10.79 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF083548.D
Acq: 7 Dec 2015 7:48

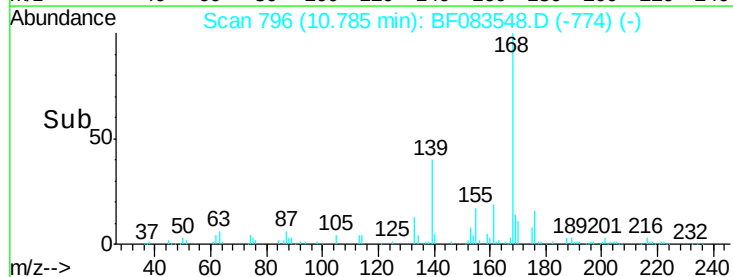
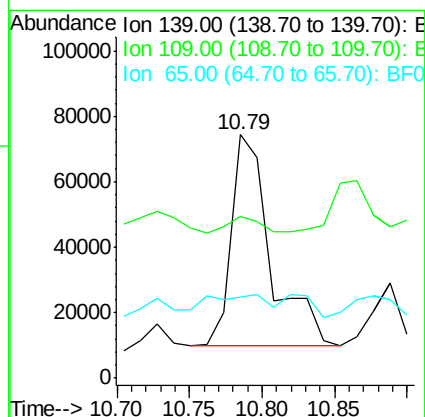
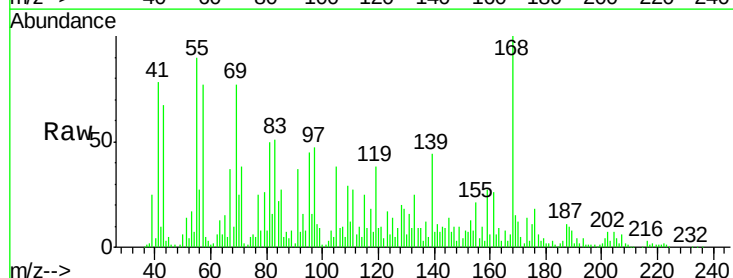
Instrument :
BNA_F
ClientSampleId :

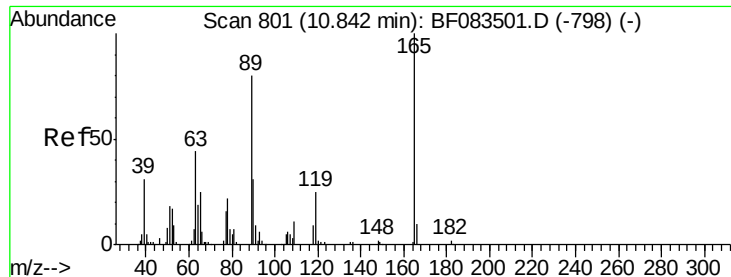
Tot Ion:168 Resp: 256548
Ion Ratio Lower Upper
168 100
139 44.1 28.0 42.0#
169 15.2 10.8 16.2



#55
4-Nitrophenol
Concen: 54.32 ng
RT: 10.79 min Scan# 796
Delta R.T. -0.04 min
Lab File: BF083548.D
Acq: 7 Dec 2015 7:48

Tgt Ion:139 Resp: 120682
Ion Ratio Lower Upper
139 100
109 66.5 42.0 82.0
65 33.3 89.2 129.2#





#56

2,4-Dinitrotoluene

Concen: 11.22 ng

RT: 10.83 min Scan# 800

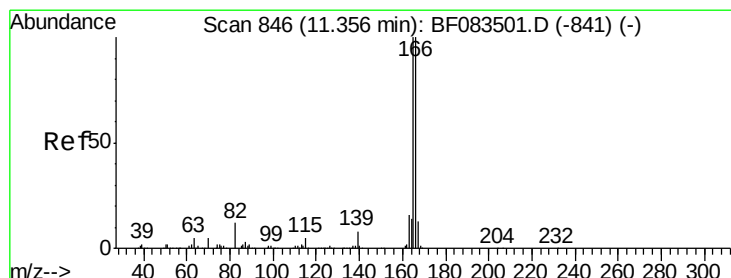
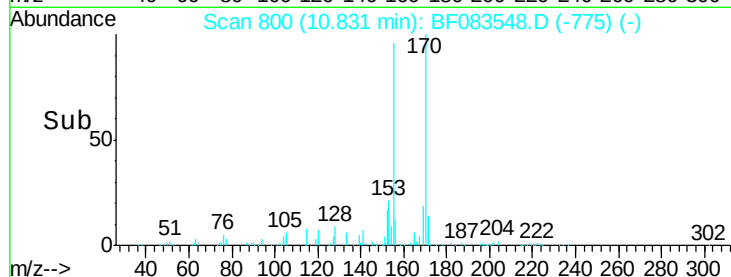
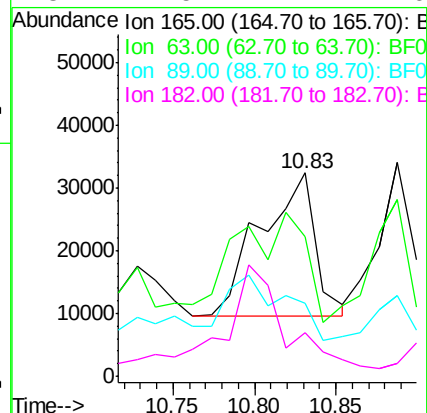
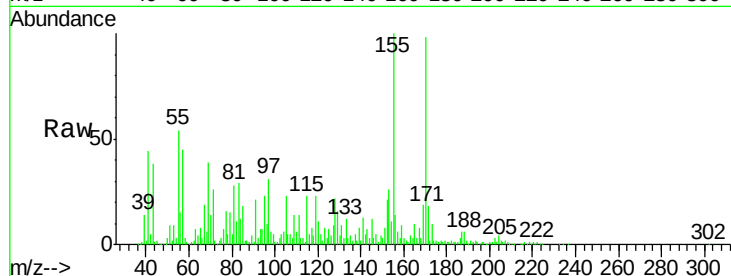
Delta R.T. -0.01 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	53622
Ion Ratio	Lower	Upper
165	100	
63	68.5	51.4 77.2
89	36.2	72.6 108.8#
182	21.5	1.4 2.0#



#57

Fluorene

Concen: 23.19 ng

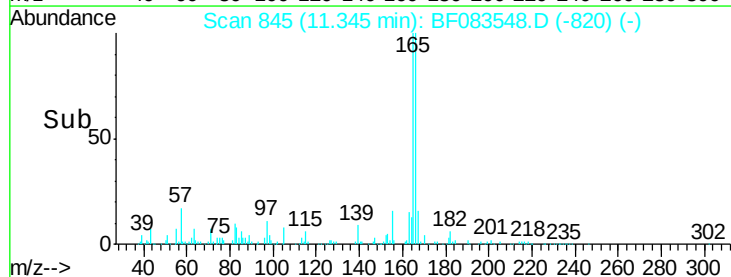
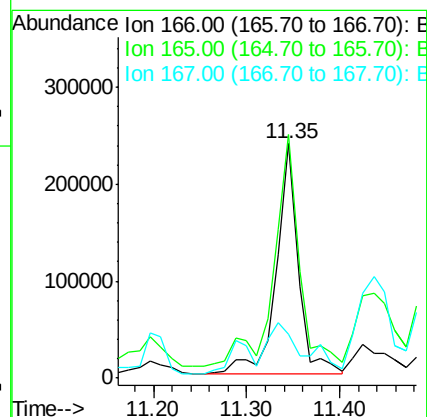
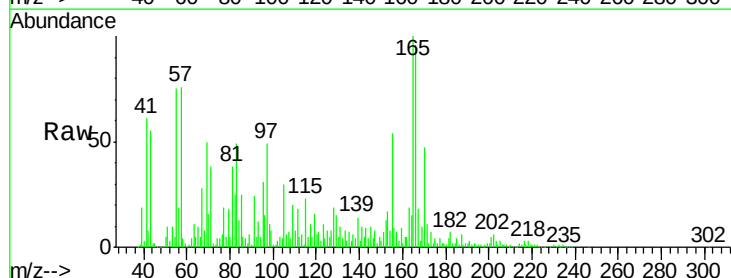
RT: 11.35 min Scan# 845

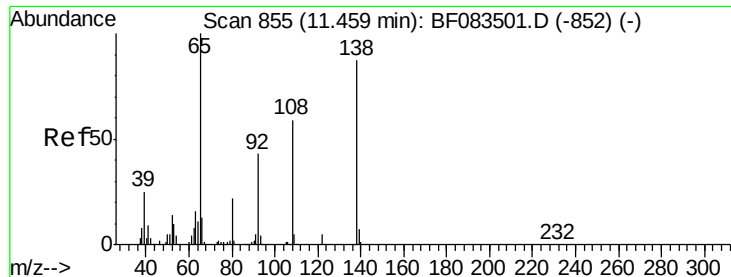
Delta R.T. -0.01 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

Tgt Ion:166	Resp:	389286
Ion Ratio	Lower	Upper
166	100	
165	104.0	80.0 120.0
167	18.8	10.6 16.0#

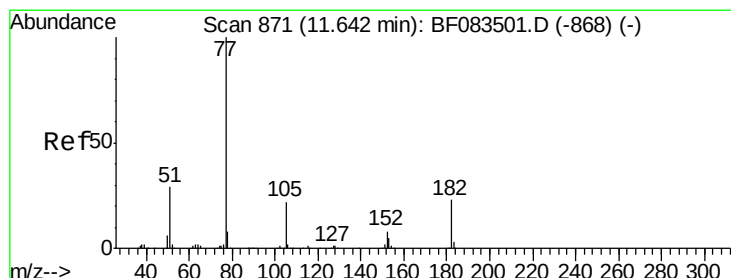
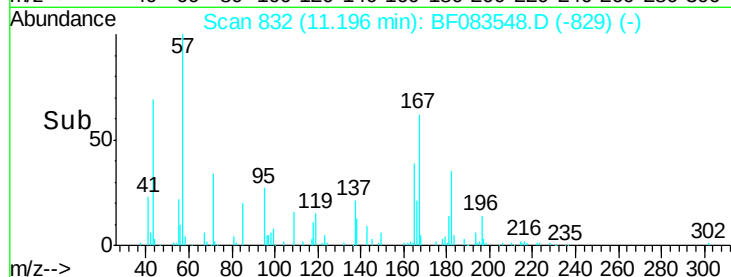
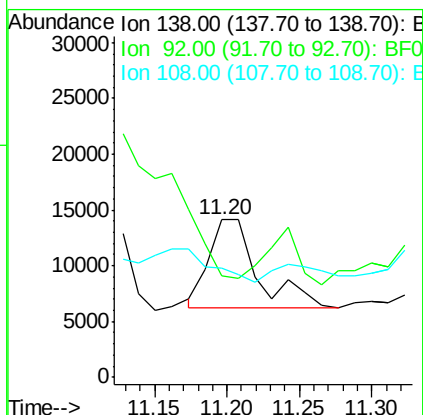
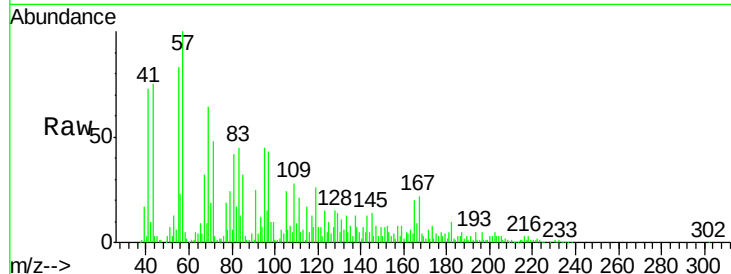




#61
4-Nitroaniline
Concen: 5.22 ng
RT: 11.20 min Scan# 832
Delta R.T. -0.26 min
Lab File: BF083548.D
Acq: 7 Dec 2015 7:48

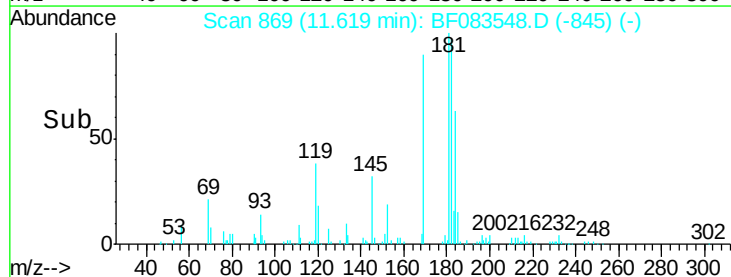
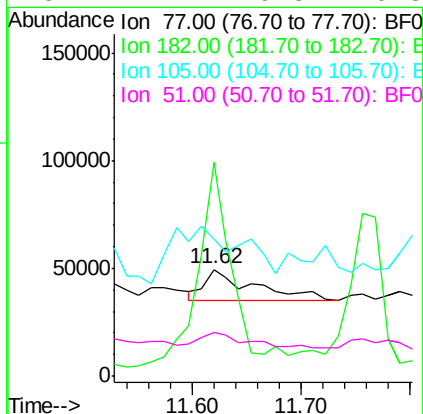
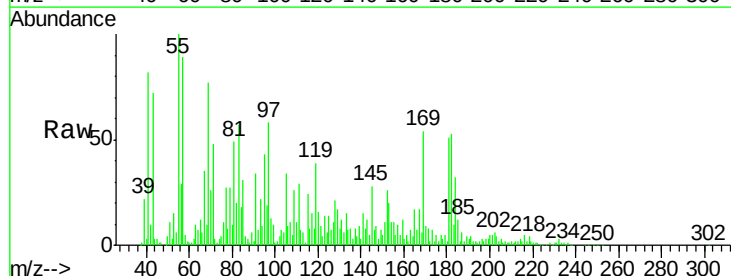
Instrument :
BNA_F
ClientSampleID :

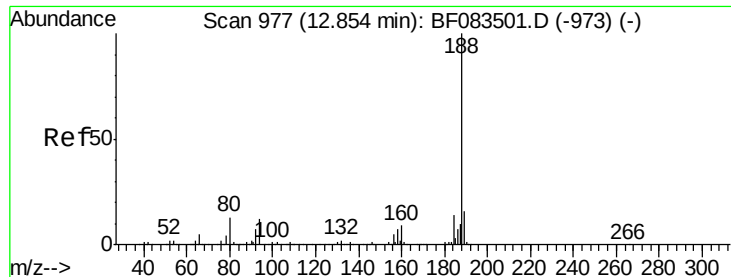
Tot Ion:138 Resp: 18648
Ion Ratio Lower Upper
138 100
92 64.3 29.0 69.0
108 69.5 47.4 87.4



#62
Azobenzene
Concen: 2.54 ng
RT: 11.62 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF083548.D
Acq: 7 Dec 2015 7:48

Tgt Ion: 77 Resp: 45281
Ion Ratio Lower Upper
77 100
182 200.0 2.5 42.5#
105 127.8 2.1 42.1#
51 41.1 9.3 49.3

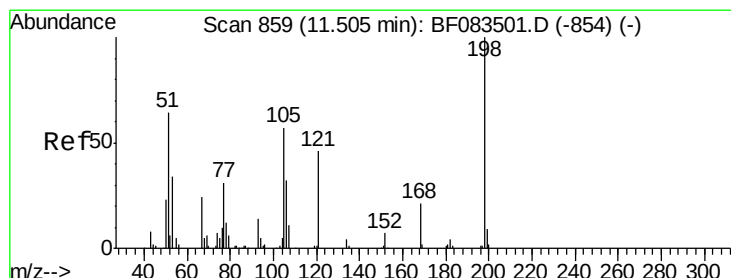
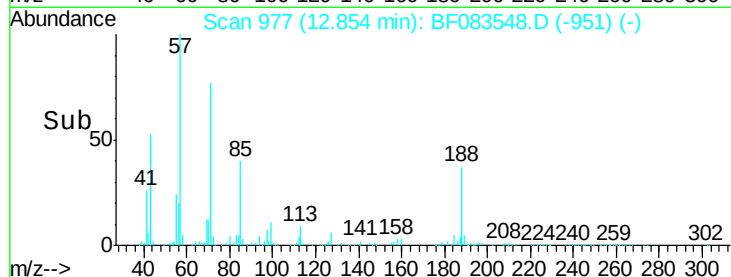
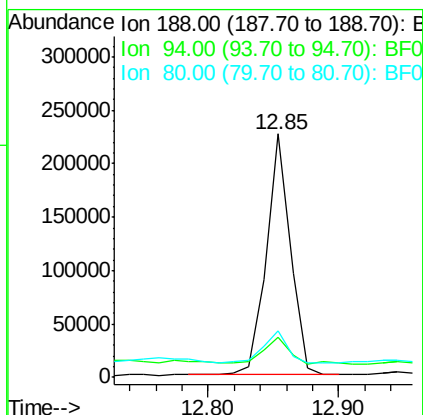
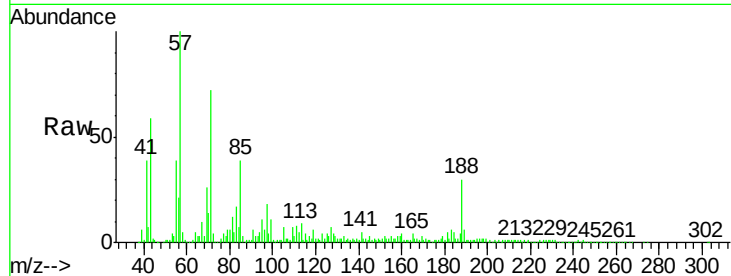




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF083548.D
Acq: 7 Dec 2015 7:48

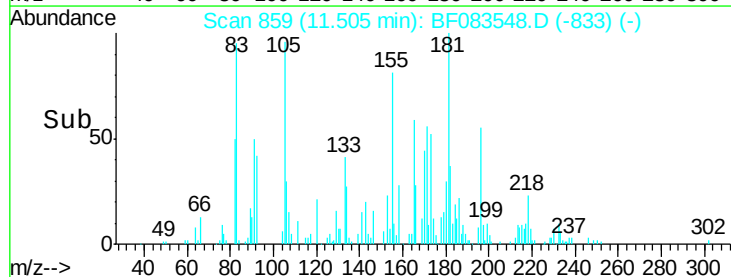
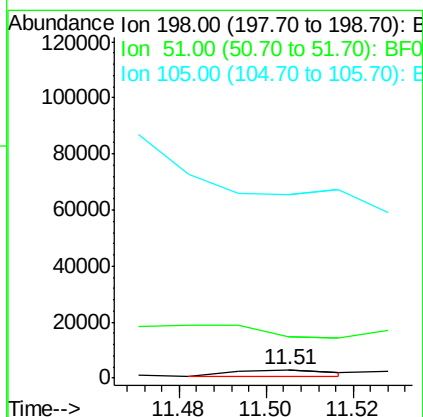
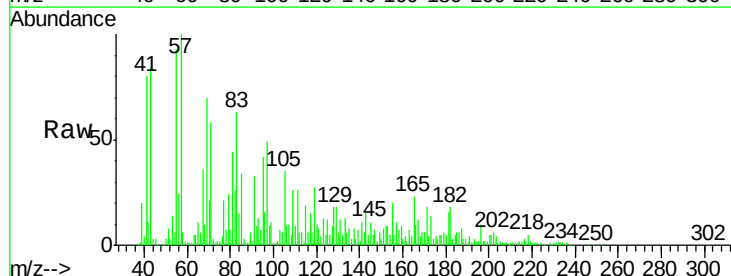
Instrument :
BNA_F
ClientSampleId :

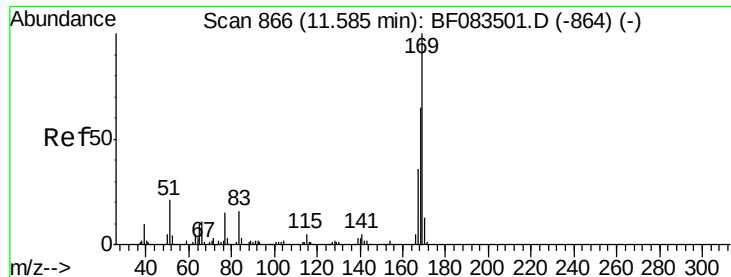
Tot Ion:188 Resp: 294199
Ion Ratio Lower Upper
188 100
94 16.7 9.4 14.2#
80 18.9 10.6 16.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 4.97 ng
RT: 11.51 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF083548.D
Acq: 7 Dec 2015 7:48

Tgt Ion:198 Resp: 3174
Ion Ratio Lower Upper
198 100
51 477.0 53.8 93.8#
105 2119.9 38.6 78.6#





#65

n-Nitrosodiphenylamine

Concen: 36.69 ng

RT: 11.57 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

Instrument :

BNA_F

ClientSampled :

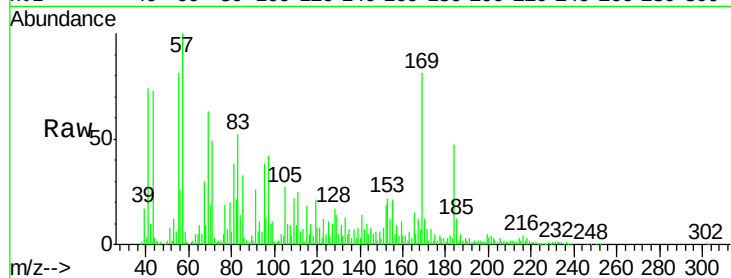
Tot Ion:169 Resp: 357405

Ion Ratio Lower Upper

169 100

168 9.1 53.0 79.6#

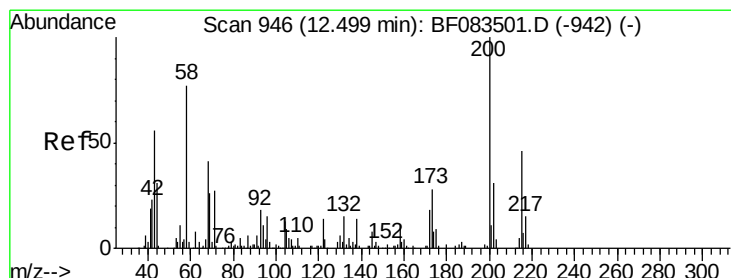
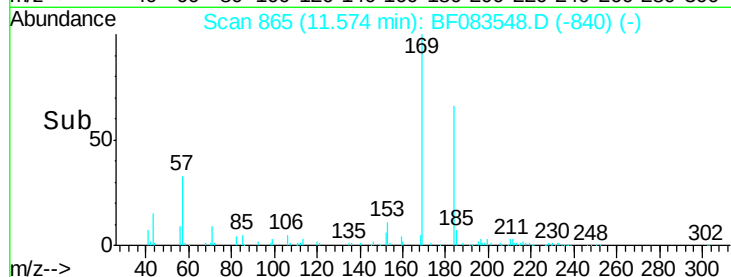
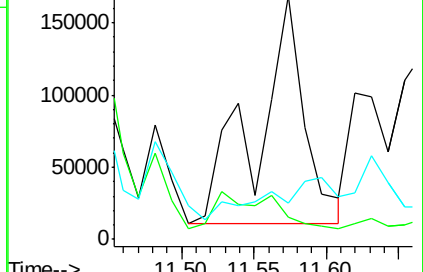
167 15.0 29.3 43.9#



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: 3.56 ng

RT: 12.45 min Scan# 942

Delta R.T. -0.05 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

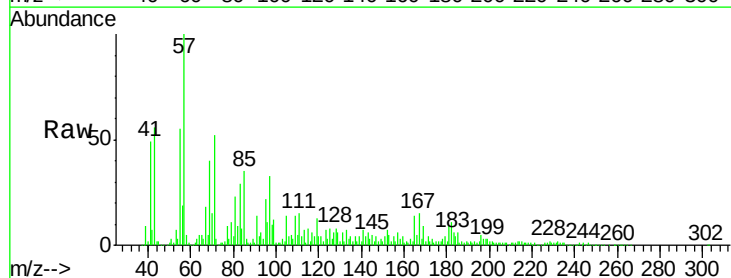
Tgt Ion:200 Resp: 10488

Ion Ratio Lower Upper

200 100

173 150.8 7.8 47.8#

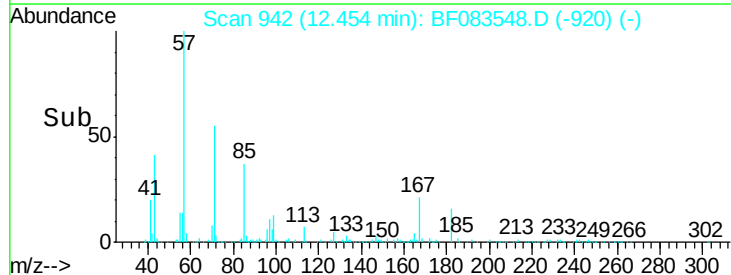
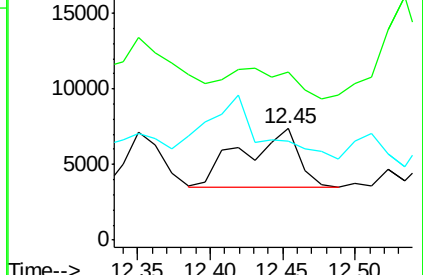
215 89.0 25.7 65.7#

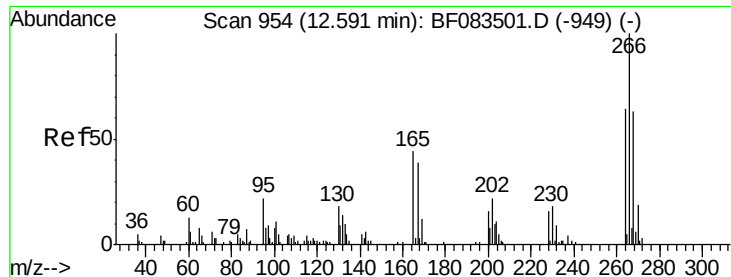


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

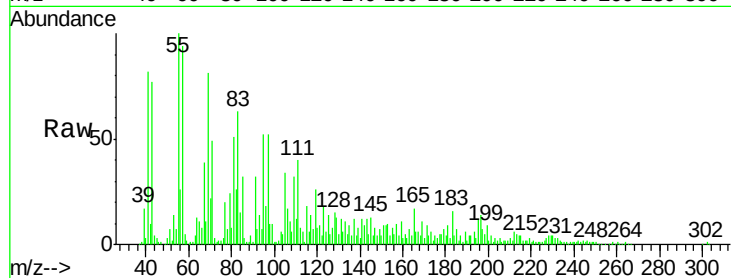




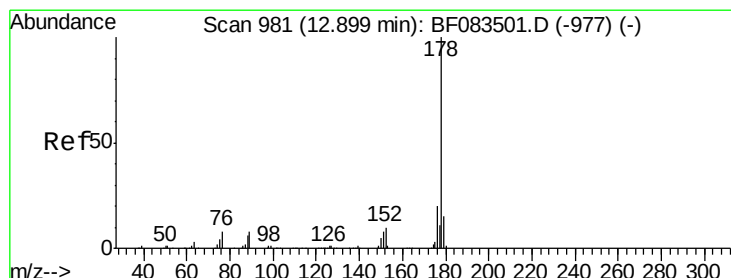
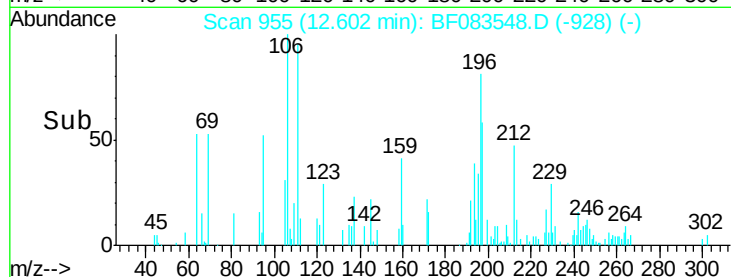
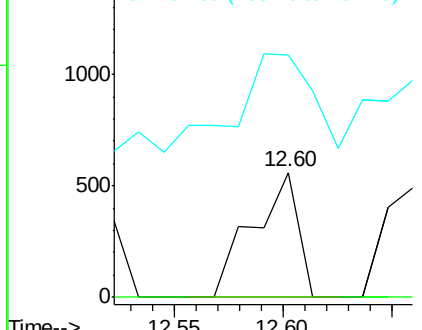
#69
 Pentachlorophenol
 Concen: 4.94 ng
 RT: 12.60 min Scan# 955
 Delta R.T. 0.01 min
 Lab File: BF083548.D
 Acq: 7 Dec 2015 7:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 813
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.2 75.2#
 264 194.8 51.4 77.2#

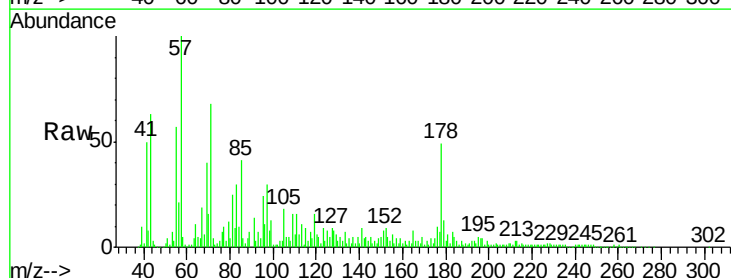


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

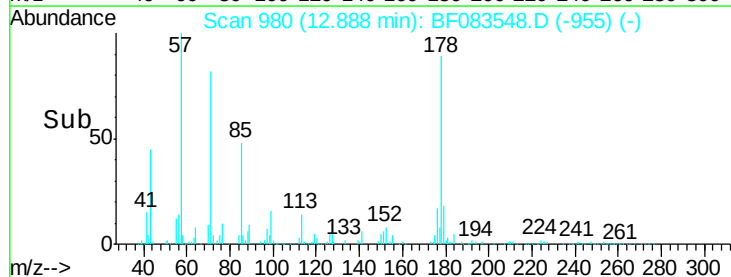
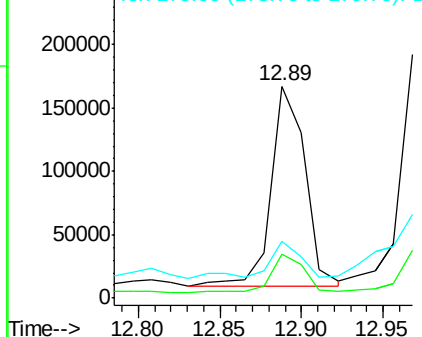


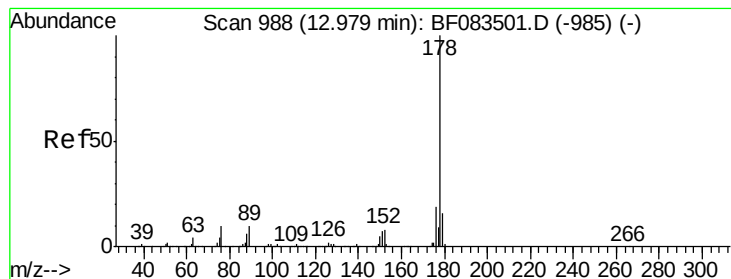
#70
 Phenanthrene
 Concen: 13.51 ng
 RT: 12.89 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF083548.D
 Acq: 7 Dec 2015 7:48

Tgt Ion:178 Resp: 231292
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.7 23.5
 179 26.9 12.2 18.4#



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





#71

Anthracene

Concen: 21.13 ng

RT: 12.98 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

Instrument :

BNA_F

ClientSampleId :

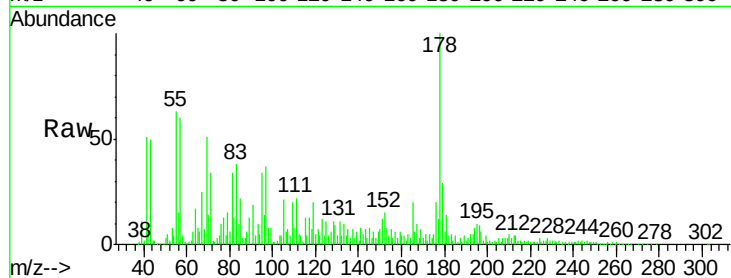
Tot Ion:178 Resp: 368988

Ion Ratio Lower Upper

178 100

176 19.8 15.2 22.8

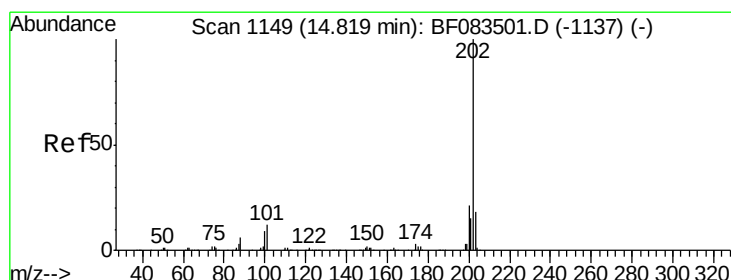
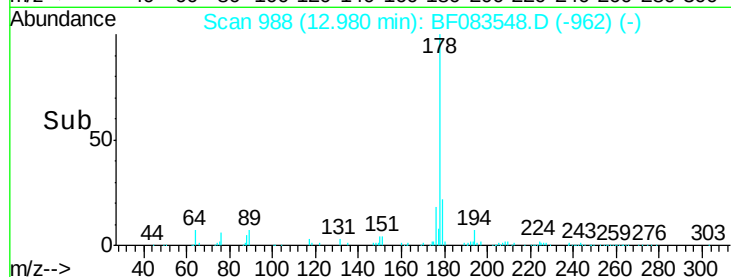
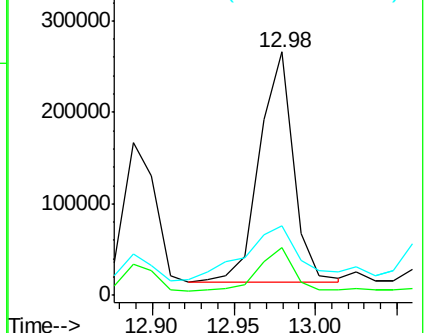
179 28.6 12.6 18.8#



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



#74

Fluoranthene

Concen: 68.77 ng

RT: 14.84 min Scan# 1151

Delta R.T. 0.02 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

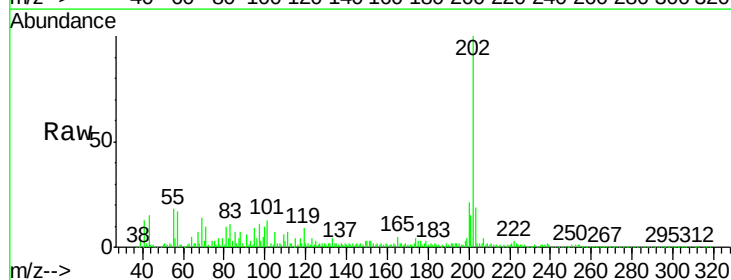
Tgt Ion:202 Resp: 1167107

Ion Ratio Lower Upper

202 100

101 13.3 0.0 31.5

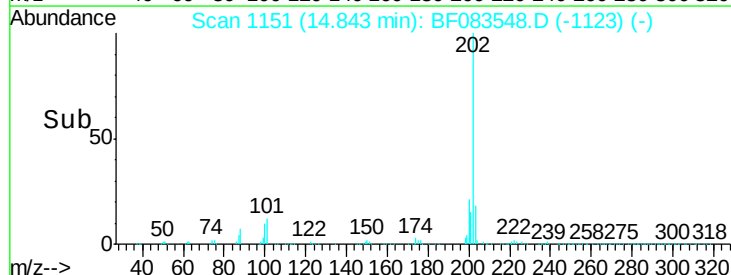
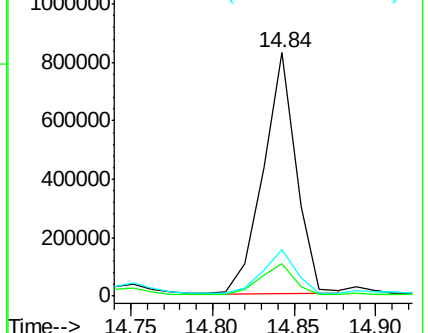
203 19.1 0.0 37.6

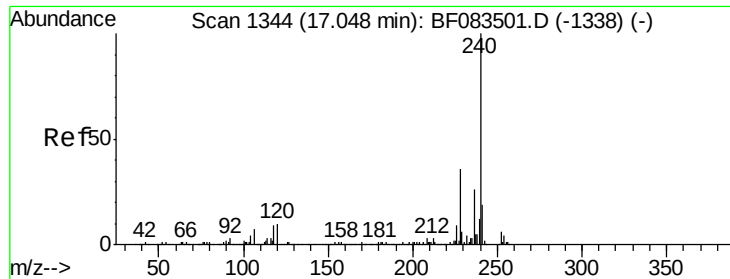


Abundance Ion 202.00 (201.70 to 202.70): E

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: 17.06 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

Instrument :

BNA_F

ClientSampleId :

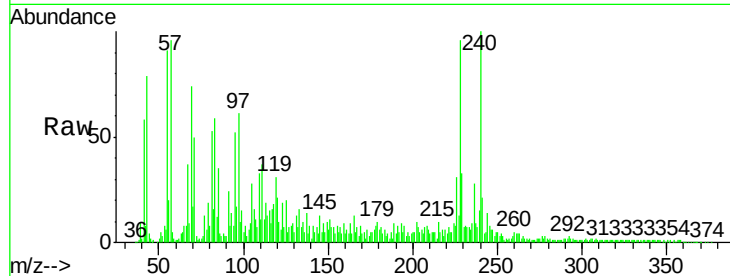
Tot Ion:240 Resp: 259897

Ion Ratio Lower Upper

240 100

120 20.7 8.1 12.1#

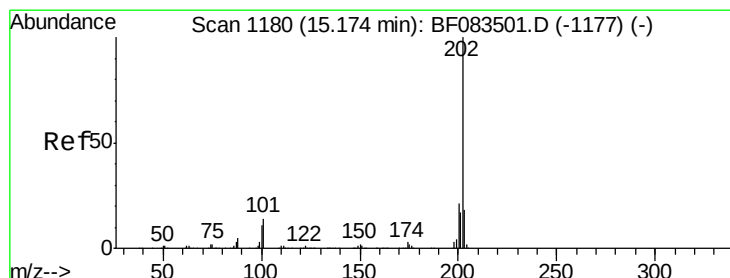
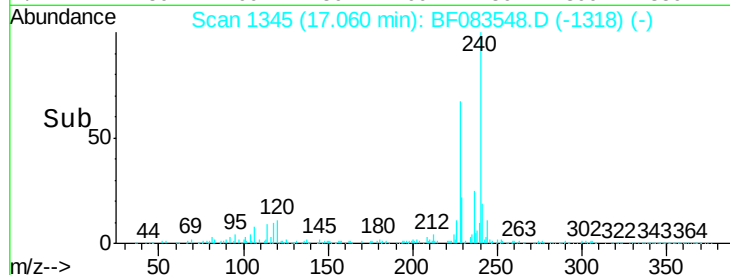
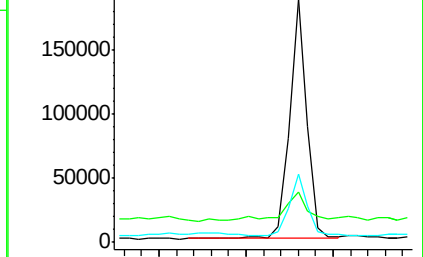
236 27.9 20.8 31.2



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

Pyrene

Concen: 73.82 ng

RT: 15.20 min Scan# 1182

Delta R.T. 0.02 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

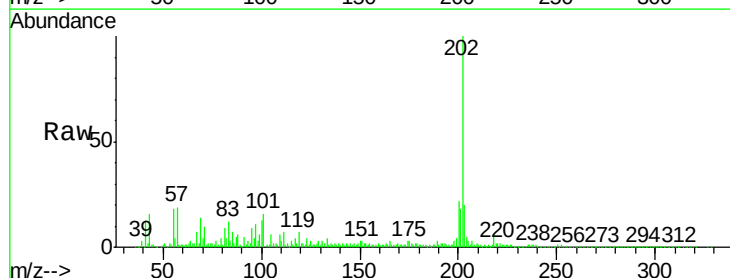
Tgt Ion:202 Resp: 1435197

Ion Ratio Lower Upper

202 100

200 21.7 16.7 25.1

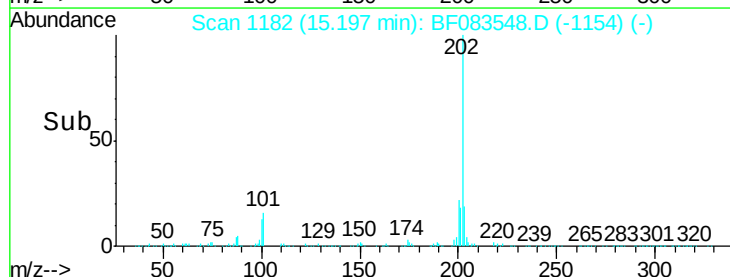
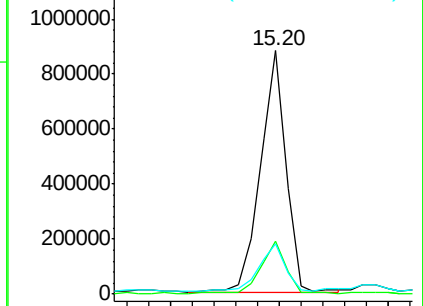
203 20.5 14.3 21.5

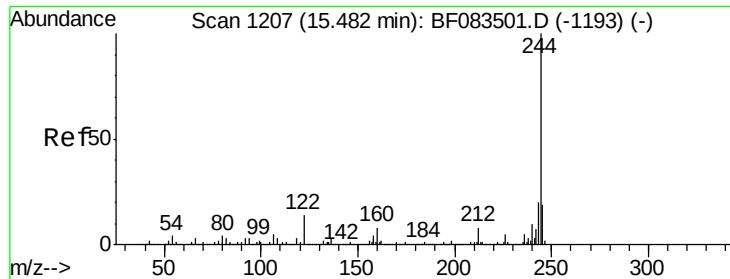


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 94.63 ng

RT: 15.49 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

Instrument :

BNA_F

ClientSampleId :

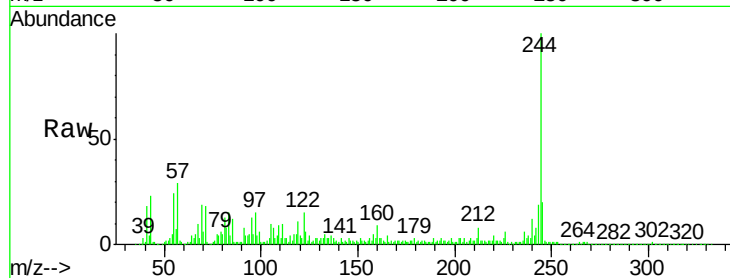
Tot Ion:244 Resp: 1105193

Ion Ratio Lower Upper

244 100

212 8.1 6.1 9.1

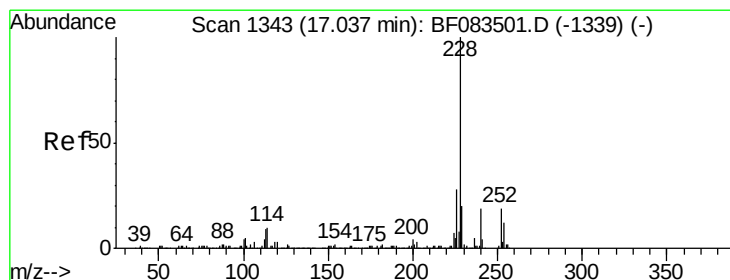
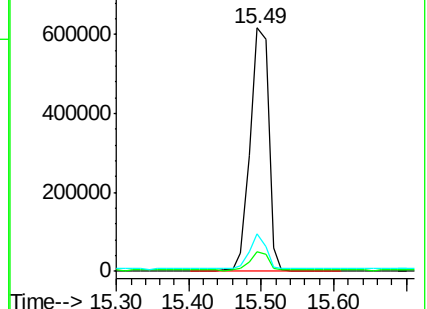
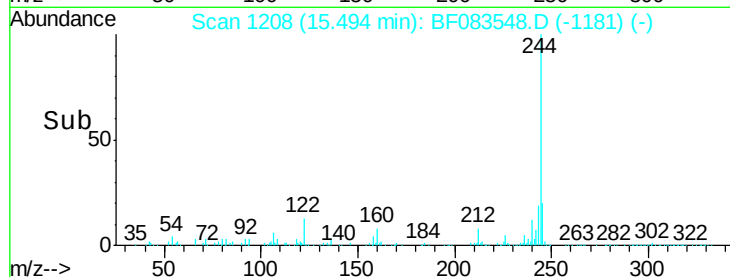
122 15.3 11.0 16.6



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: 39.33 ng

RT: 17.05 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

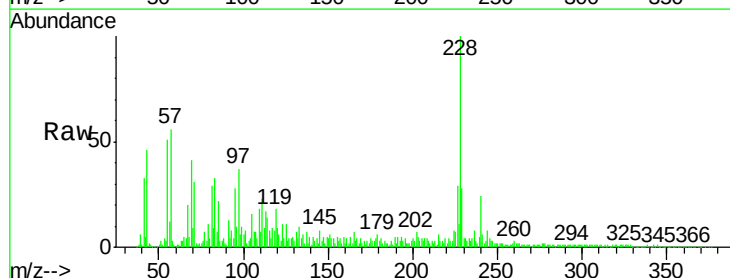
Tgt Ion:228 Resp: 598071

Ion Ratio Lower Upper

228 100

226 28.9 22.3 33.5

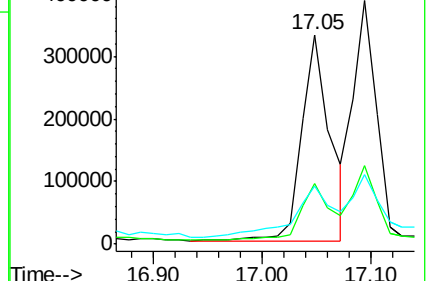
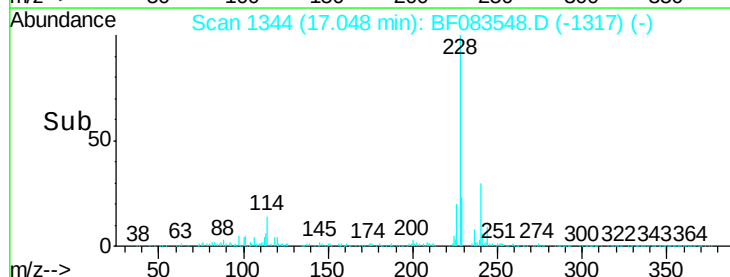
229 27.7 15.7 23.5#

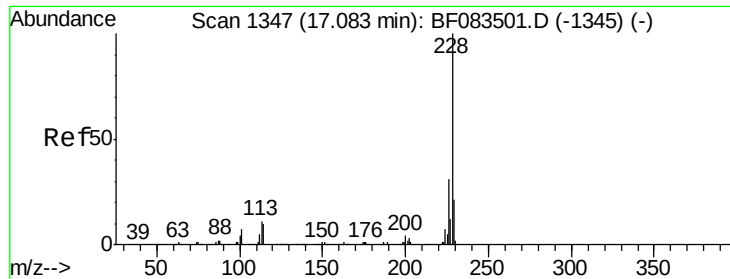


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

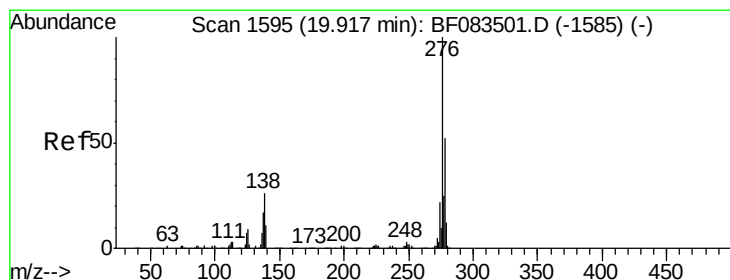
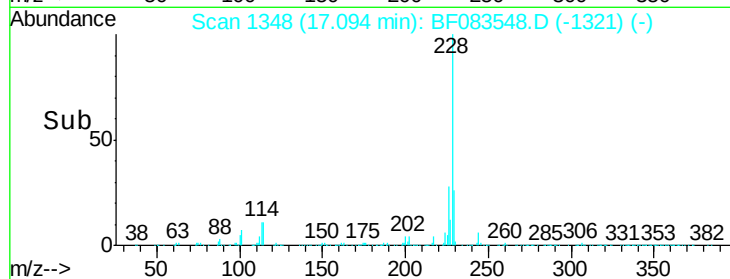
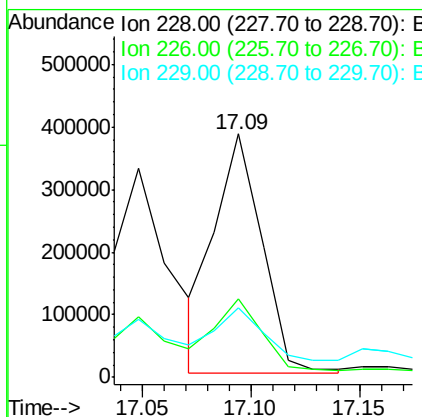
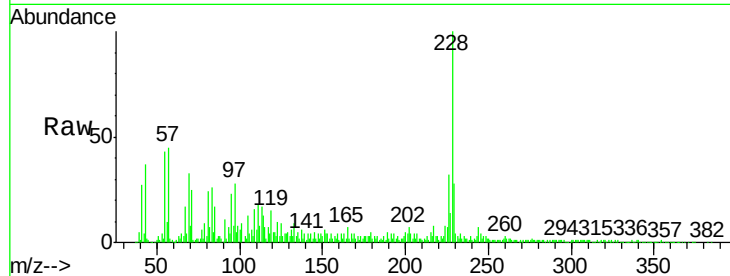




#82
Chrysene
Concen: 38.22 ng
RT: 17.09 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF083548.D
Acq: 7 Dec 2015 7:48

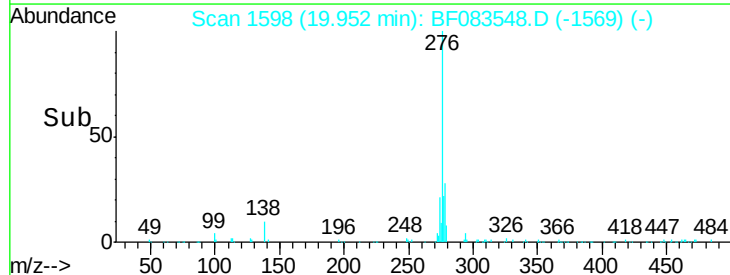
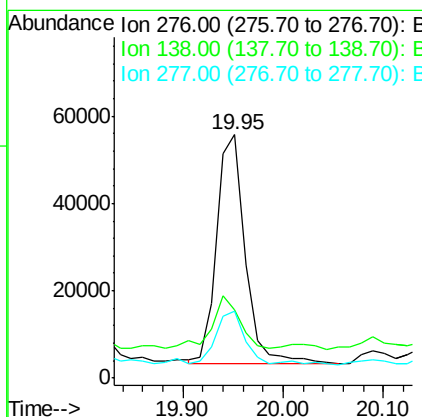
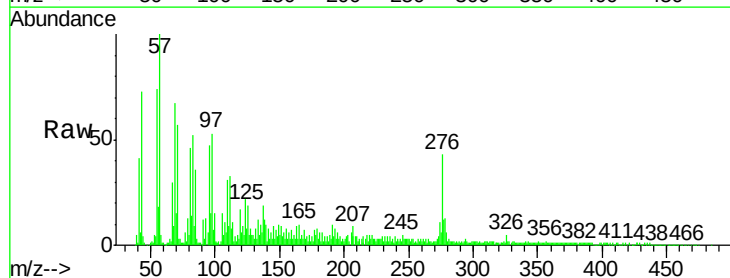
Instrument :
BNA_F
ClientSampleId :

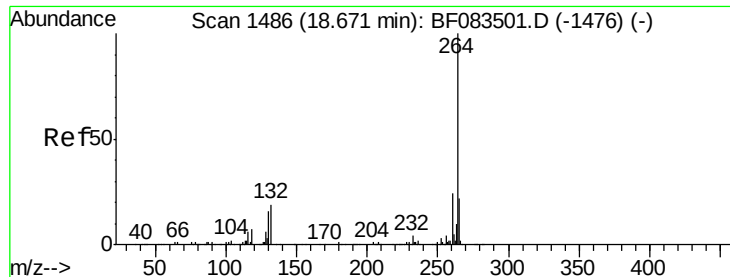
Tot Ion:228 Resp: 578959
Ion Ratio Lower Upper
228 100
226 32.2 24.7 37.1
229 28.5 16.3 24.5#



#85
Indeno(1,2,3-cd)pyrene
Concen: 7.98 ng
RT: 19.95 min Scan# 1598
Delta R.T. 0.03 min
Lab File: BF083548.D
Acq: 7 Dec 2015 7:48

Tgt Ion:276 Resp: 103684
Ion Ratio Lower Upper
276 100
138 22.0 0.0 0.0#
277 24.2 0.0 0.0#

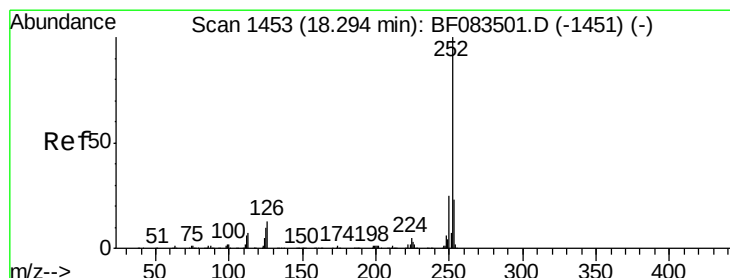
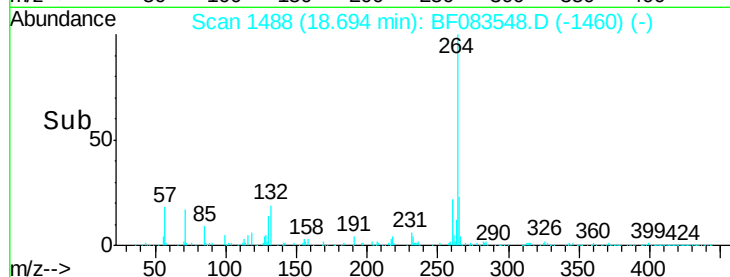
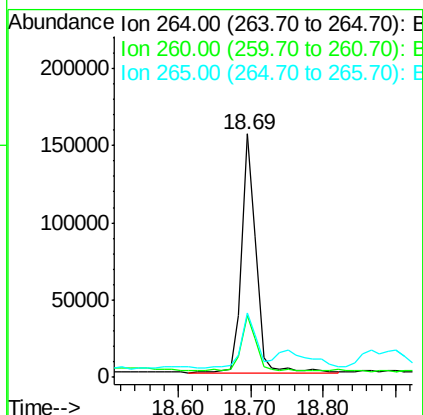
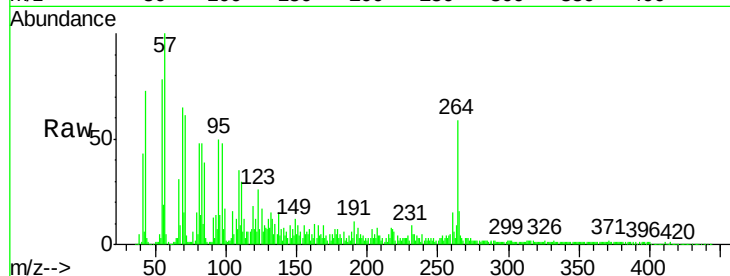




#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 1488
Delta R.T. 0.02 min
Lab File: BF083548.D
Acq: 7 Dec 2015 7:48

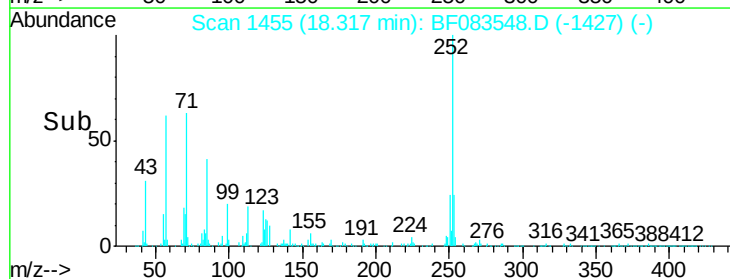
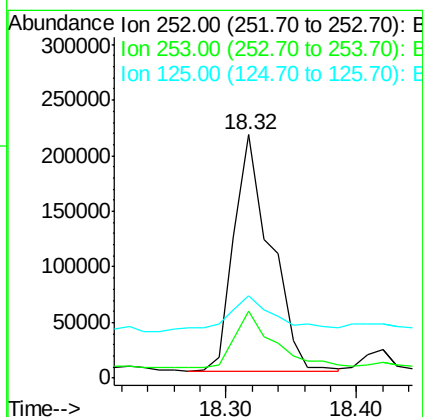
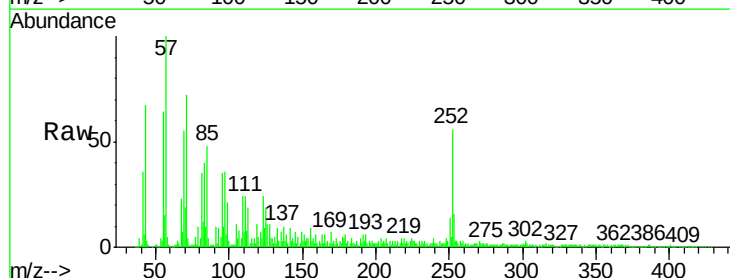
Instrument :
BNA_F
ClientSampleId :

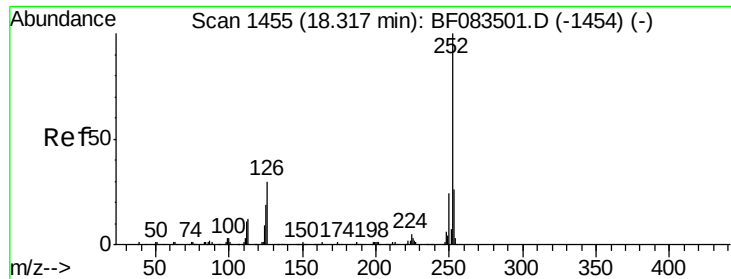
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.0
265	26.3	17.8	26.6



#87
Benzo(b)fluoranthene
Concen: 34.92 ng
RT: 18.32 min Scan# 1455
Delta R.T. 0.02 min
Lab File: BF083548.D
Acq: 7 Dec 2015 7:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.2	27.4#
125	33.7	8.2	12.4#

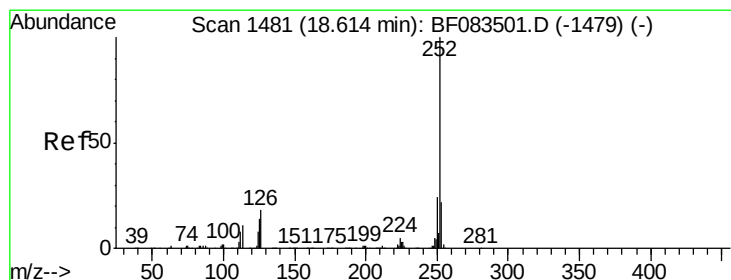
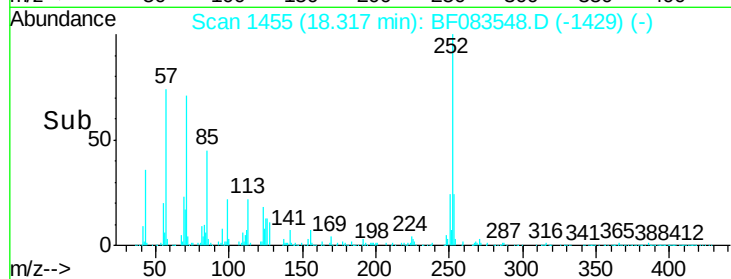
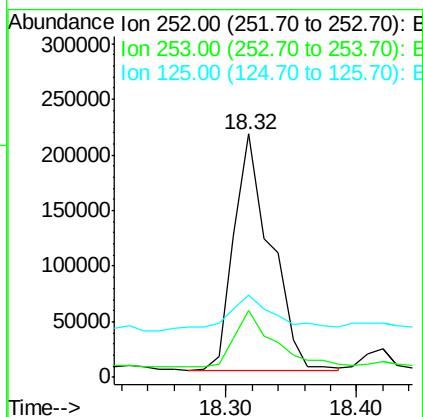
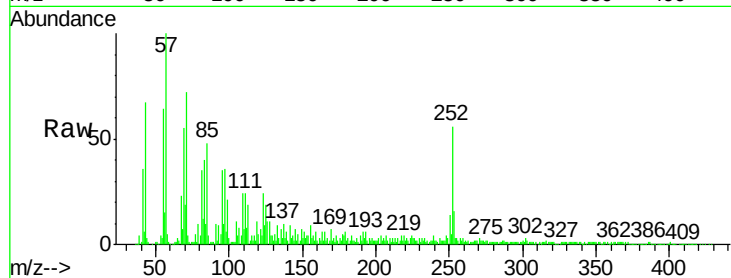




#88
Benzo(k)fluoranthene
Concen: 34.09 ng
RT: 18.32 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF083548.D
Acq: 7 Dec 2015 7:48

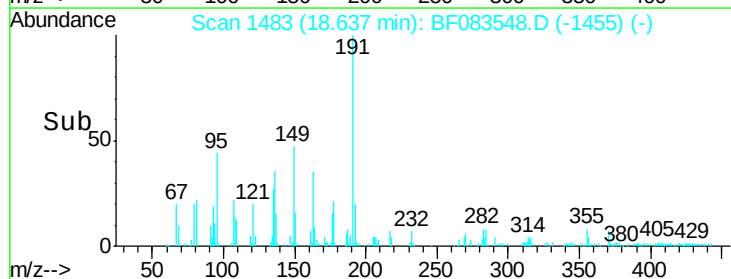
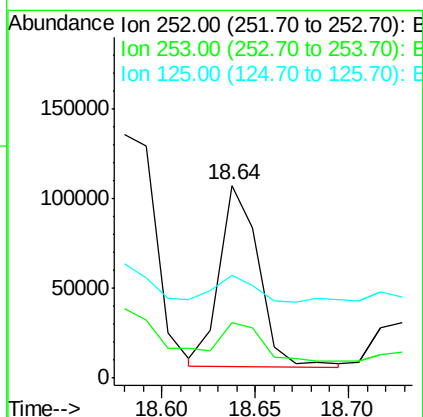
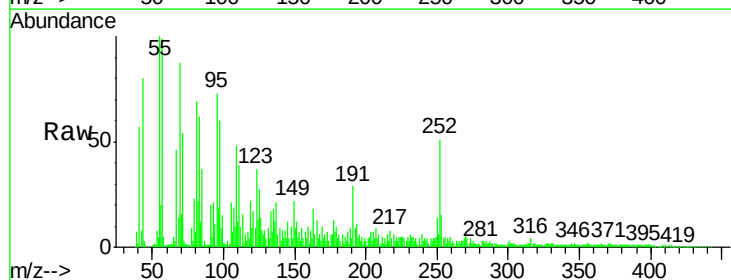
Instrument :
BNA_F
ClientSampled :

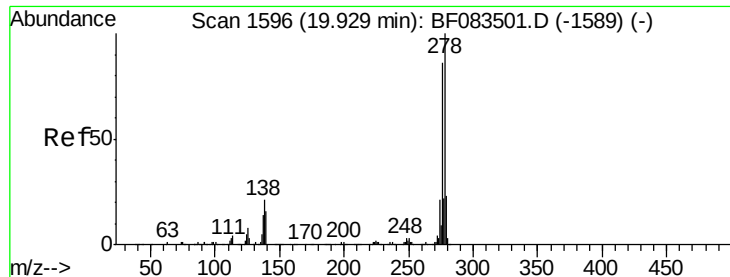
Tot Ion:252 Resp: 418798
Ion Ratio Lower Upper
252 100
253 27.7 18.6 27.8
125 33.7 11.5 17.3#



#89
Benzo(a)pyrene
Concen: 12.60 ng
RT: 18.64 min Scan# 1483
Delta R.T. 0.02 min
Lab File: BF083548.D
Acq: 7 Dec 2015 7:48

Tgt Ion:252 Resp: 147003
Ion Ratio Lower Upper
252 100
253 29.1 17.5 26.3#
125 53.4 11.0 16.6#





#90

Dibenzo(a,h)anthracene

Concen: 2.91 ng

RT: 19.95 min Scan# 1598

Delta R.T. 0.02 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

Instrument :

BNA_F

ClientSampleId :

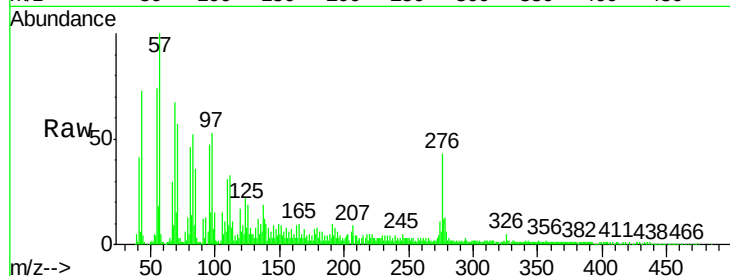
Tot Ion:278 Resp: 32685

Ion Ratio Lower Upper

278 100

139 71.3 12.8 19.2#

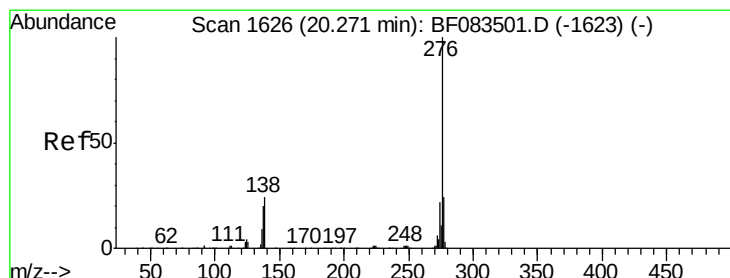
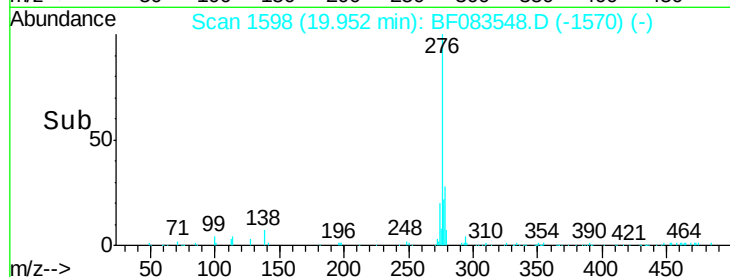
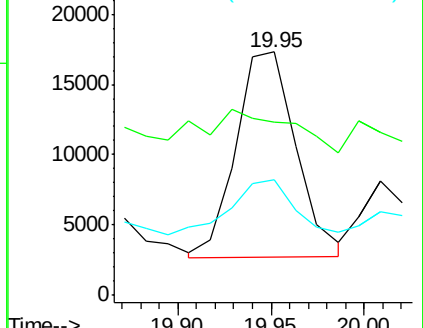
279 47.5 18.6 28.0#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 9.44 ng

RT: 20.31 min Scan# 1629

Delta R.T. 0.03 min

Lab File: BF083548.D

Acq: 7 Dec 2015 7:48

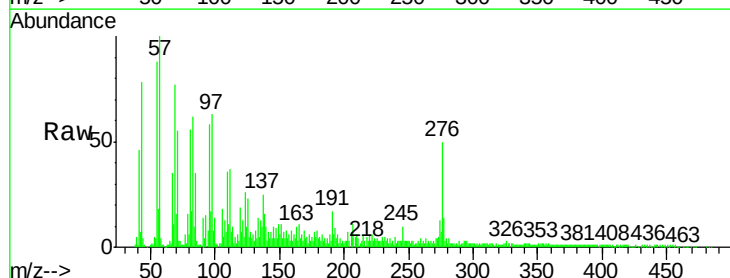
Tgt Ion:276 Resp: 106782

Ion Ratio Lower Upper

276 100

277 28.6 19.2 28.8

138 31.4 19.5 29.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

