

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082840.D
 Acq On : 9 Nov 2015 20:24
 Operator : UM/IZ
 Sample : G4306-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D1

Quant Time: Nov 10 02:53:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

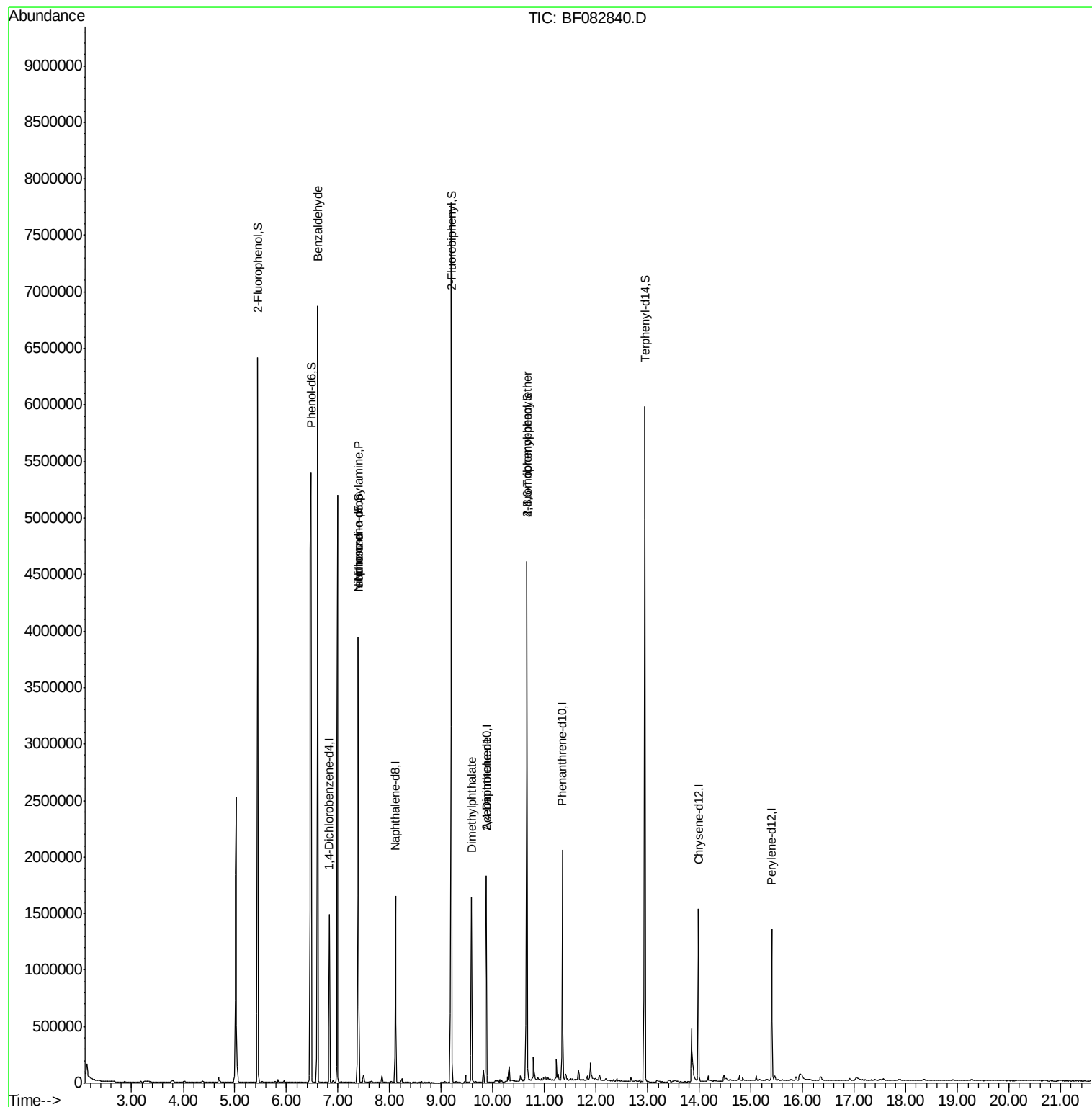
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	228455	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	783013	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	424004	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	734148	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	703484	20.00	ng	-0.03
86) Perylene-d12	15.40	264	614749	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1974280	134.46	ng	0.00
7) Phenol-d6	6.48	99	2811364	144.03	ng	0.00
23) Nitrobenzene-d5	7.39	82	1557786	86.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	648450	133.38	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2507412	84.76	ng	-0.02
78) Terphenyl-d14	12.94	244	2644780	89.17	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.60	77	53243	4.94	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.39	70	210851	14.69	ng	# 69
25) Isophorone	7.39	82	1518483	45.61	ng	# 69
49) Dimethylphthalate	9.58	163	615058	17.71	ng	98
56) 2,4-Dinitrotoluene	9.87	165	52493	5.22	ng	# 16
66) 4-Bromophenyl-phenylether	10.66	248	48530	5.49	ng	# 1

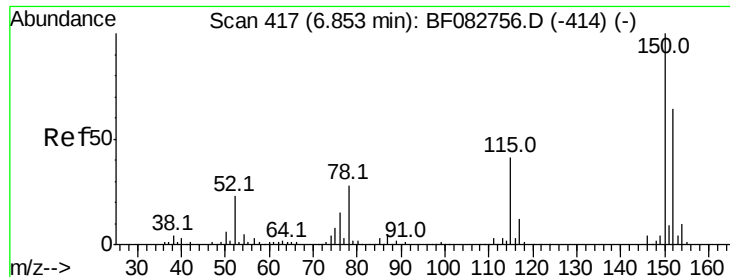
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082840.D

Acq: 9 Nov 2015 20:24

Instrument :

BNA_F

ClientSampleId :

D1

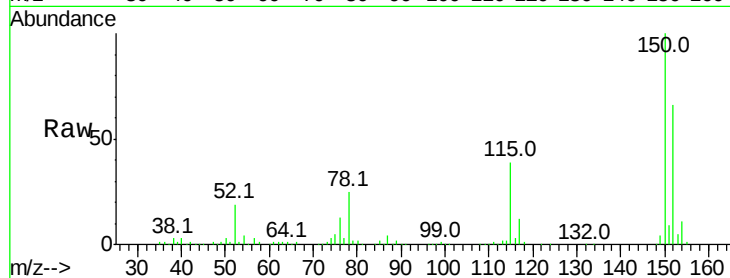
Tot Ion:152 Resp: 228455

Ion Ratio Lower Upper

152 100

150 151.9 127.0 190.4

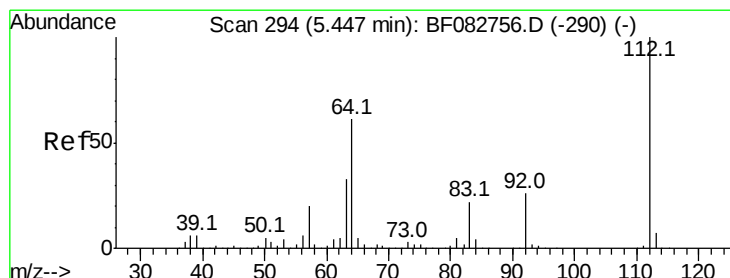
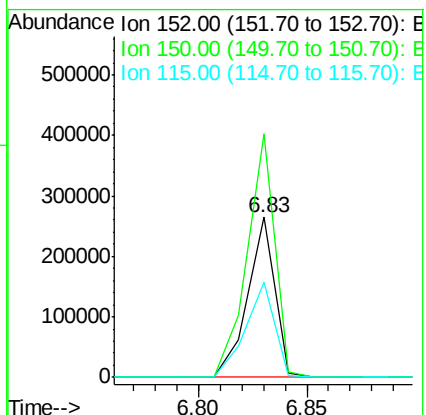
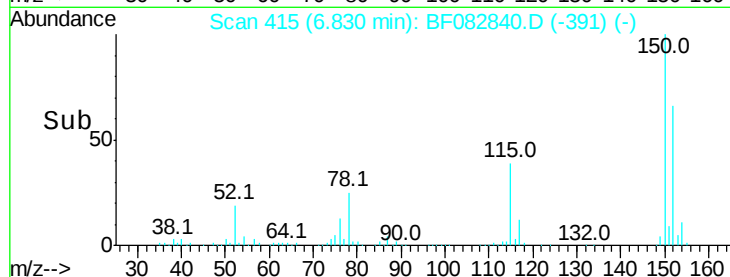
115 59.6 47.0 70.6



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: 134.46 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082840.D

Acq: 9 Nov 2015 20:24

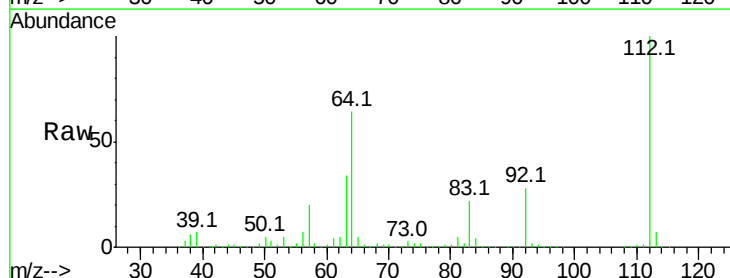
Tgt Ion:112 Resp: 1974280

Ion Ratio Lower Upper

112 100

64 64.5 48.9 73.3

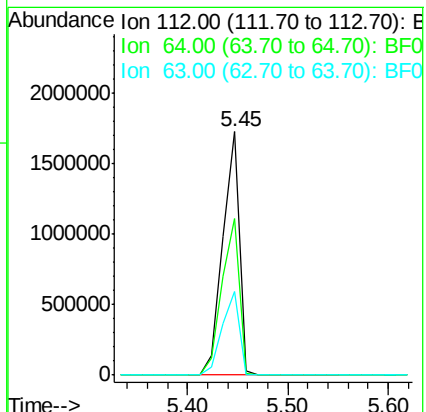
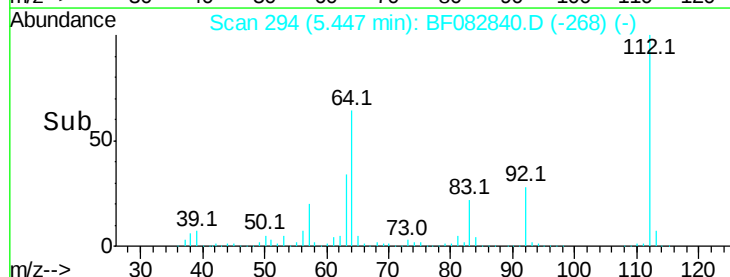
63 34.2 28.1 42.1

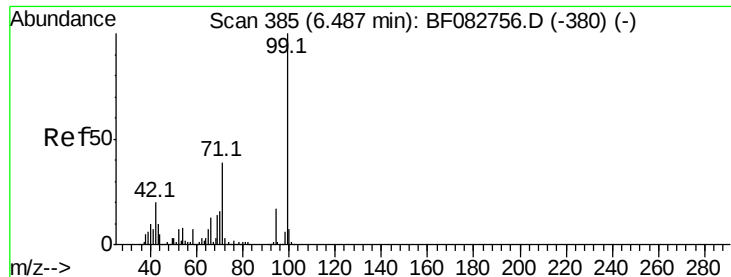


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 144.03 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF082840.D

Acq: 9 Nov 2015 20:24

Instrument :

BNA_F

ClientSampleId :

D1

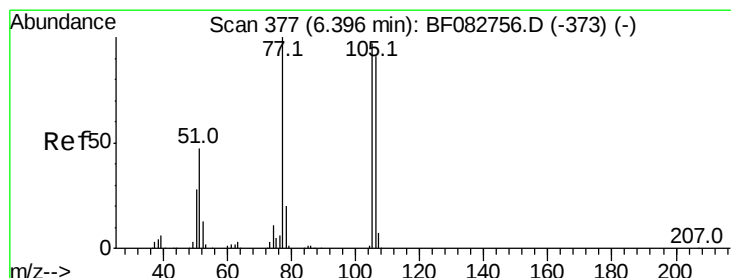
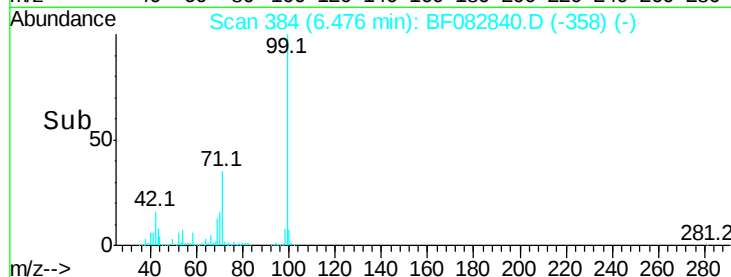
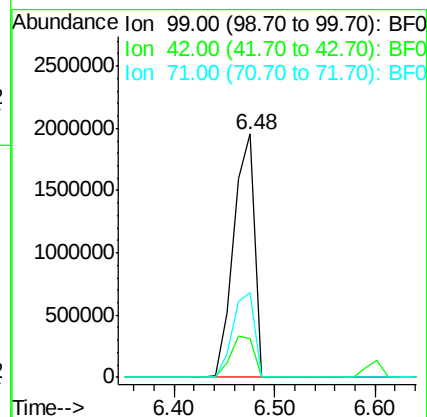
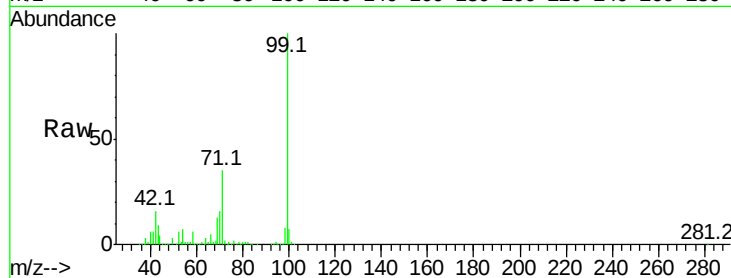
Tot Ion: 99 Resp: 2811364

Ion Ratio Lower Upper

99 100

42 16.0 19.2 28.8#

71 34.8 35.0 52.4#



#9

Benzaldehyde

Concen: 4.94 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.21 min

Lab File: BF082840.D

Acq: 9 Nov 2015 20:24

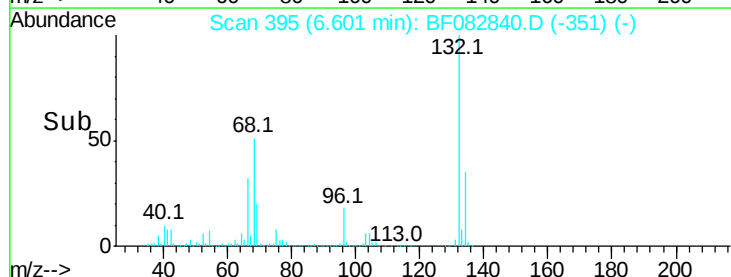
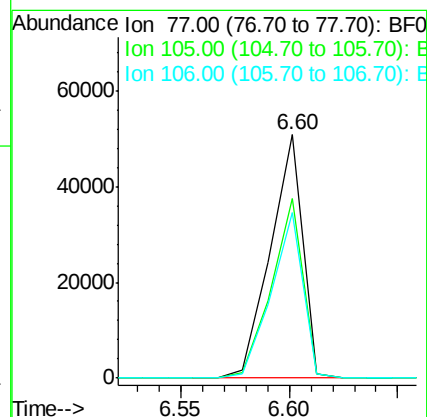
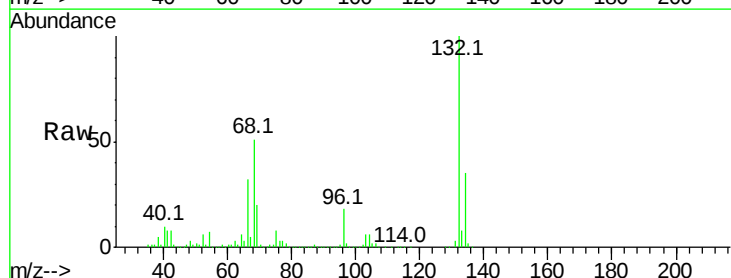
Tgt Ion: 77 Resp: 53243

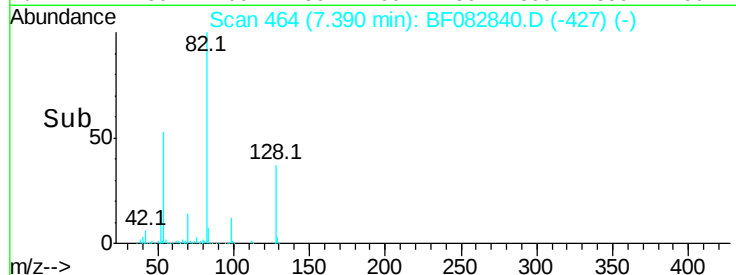
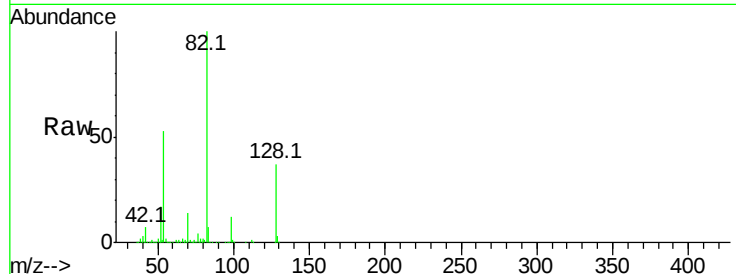
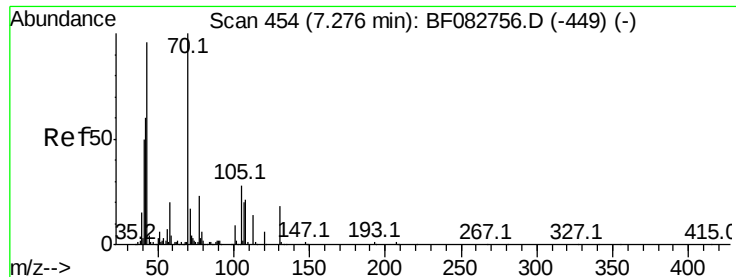
Ion Ratio Lower Upper

77 100

105 73.8 63.5 103.5

106 68.1 59.3 99.3

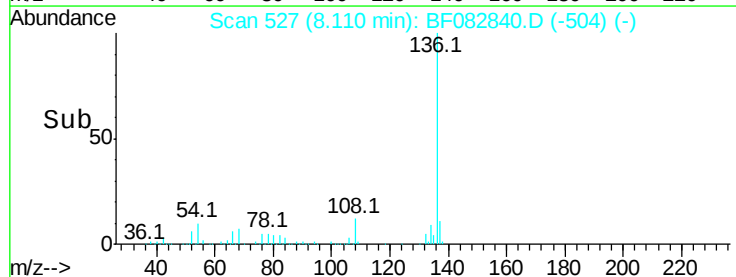
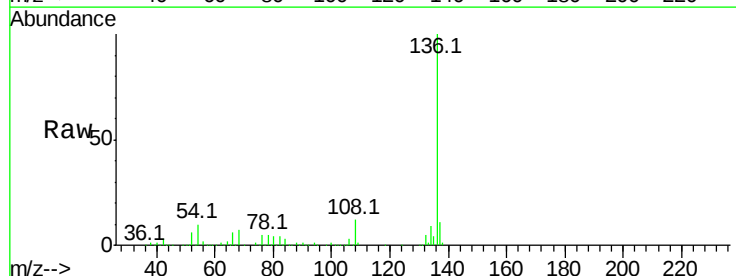
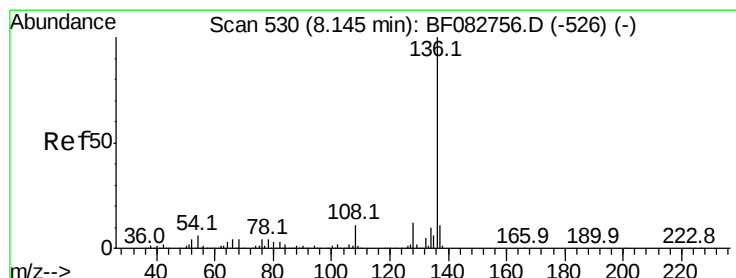
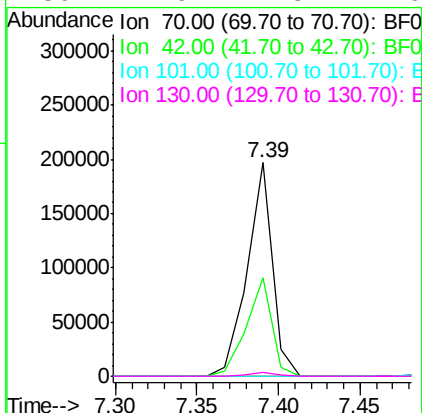




#19
n-Nitroso-di-n-propylamine
Concen: 14.69 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.13 min
Lab File: BF082840.D
Acq: 9 Nov 2015 20:24

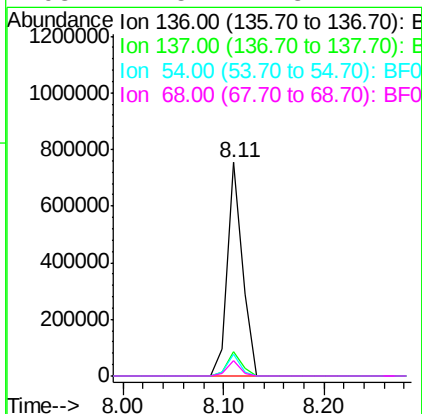
Instrument :
BNA_F
ClientSampleId :
D1

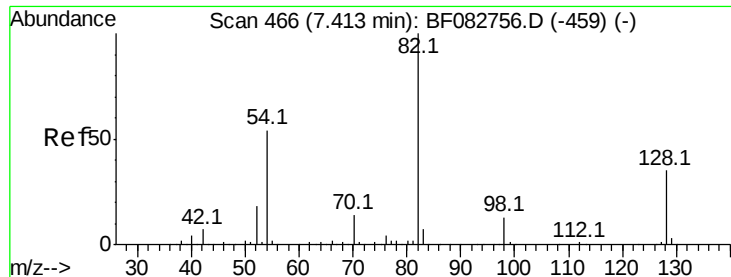
Tot Ion:	70	Resp:	210851
Ion	Ratio	Lower	Upper
70	100		
42	46.2	57.7	86.5#
101	0.0	7.0	10.6#
130	1.6	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF082840.D
Acq: 9 Nov 2015 20:24

Tgt Ion:	136	Resp:	783013
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.4	9.1	13.7
68	7.5	4.8	7.2#

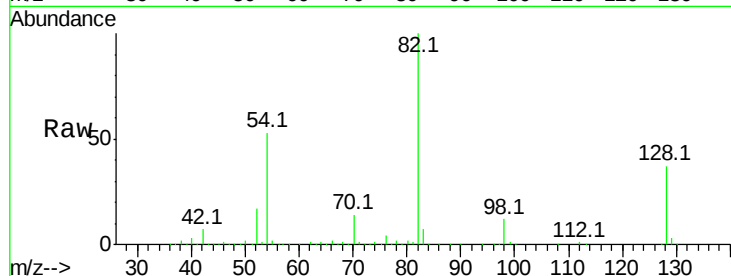




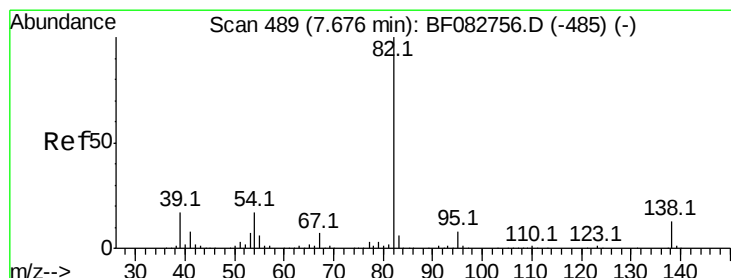
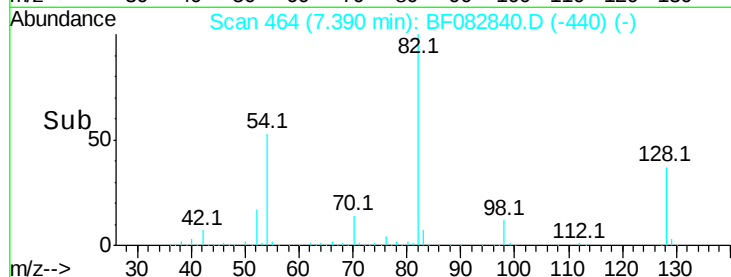
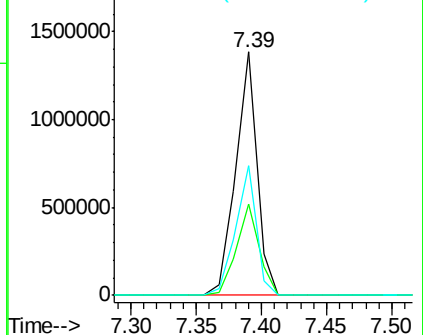
#23
Nitrobenzene-d5
Concen: 86.57 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF082840.D
Acq: 9 Nov 2015 20:24

Instrument :
BNA_F
ClientSampled :
D1

Tot Ion: 82 Resp: 1557786
Ion Ratio Lower Upper
82 100
128 37.5 26.8 40.2
54 53.2 45.7 68.5

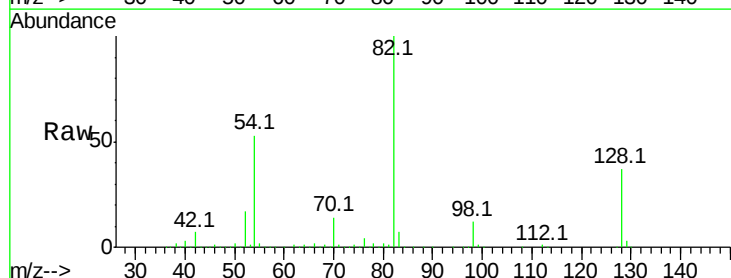


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

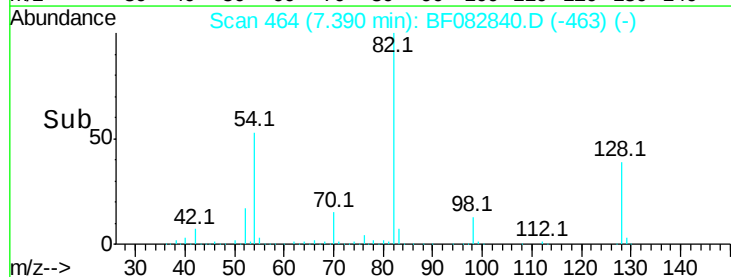
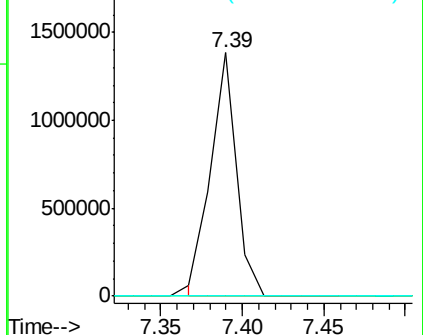


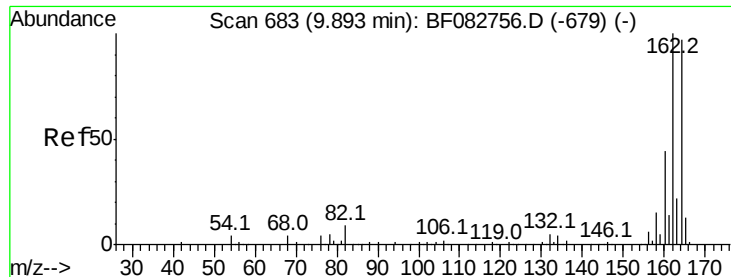
#25
Isophorone
Concen: 45.61 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.29 min
Lab File: BF082840.D
Acq: 9 Nov 2015 20:24

Tgt Ion: 82 Resp: 1518483
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 11.4 17.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

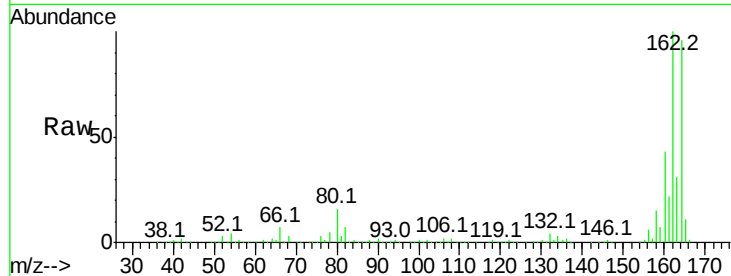




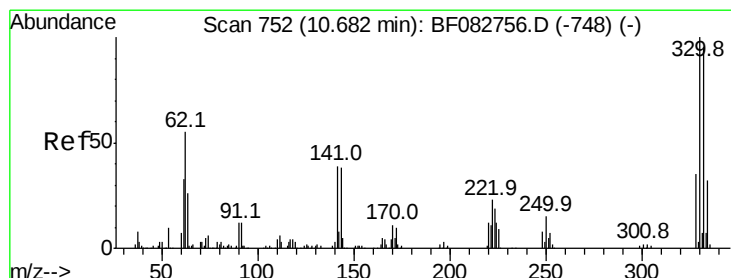
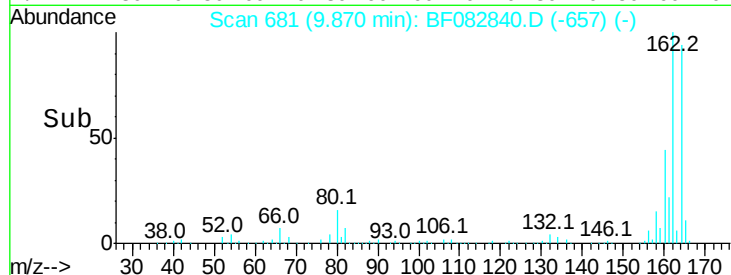
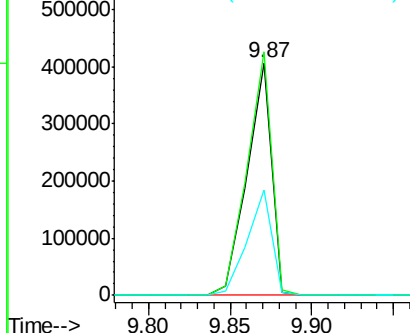
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF082840.D
Acq: 9 Nov 2015 20:24

Instrument :
BNA_F
ClientSampleId :
D1

Tot Ion:164 Resp: 424004
Ion Ratio Lower Upper
164 100
162 104.7 84.9 127.3
160 45.5 37.5 56.3

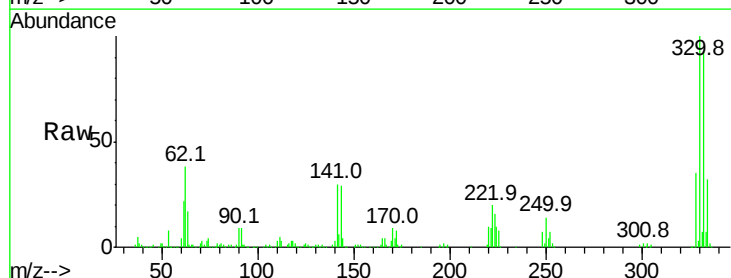


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

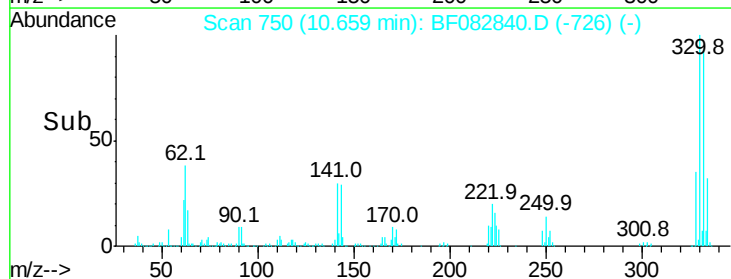
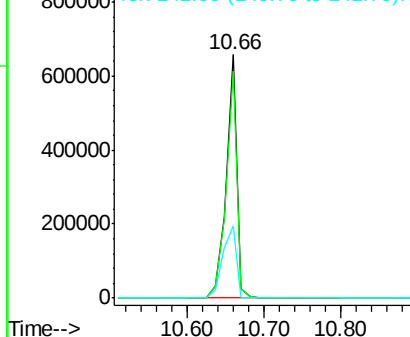


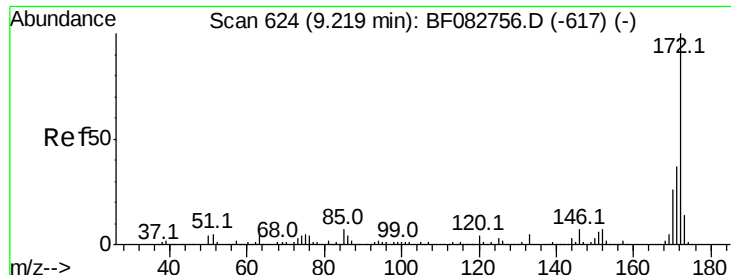
#41
2,4,6-Tribromophenol
Concen: 133.38 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF082840.D
Acq: 9 Nov 2015 20:24

Tgt Ion:330 Resp: 648450
Ion Ratio Lower Upper
330 100
332 94.3 76.6 114.8
141 38.2 41.2 61.8#



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



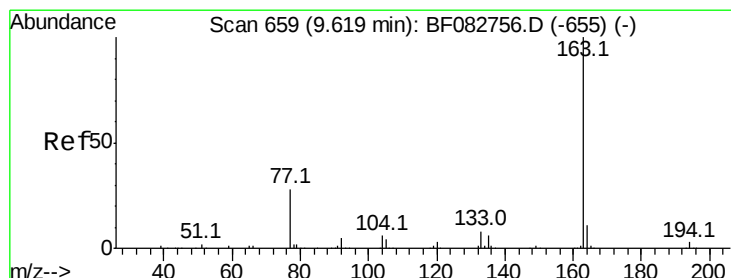
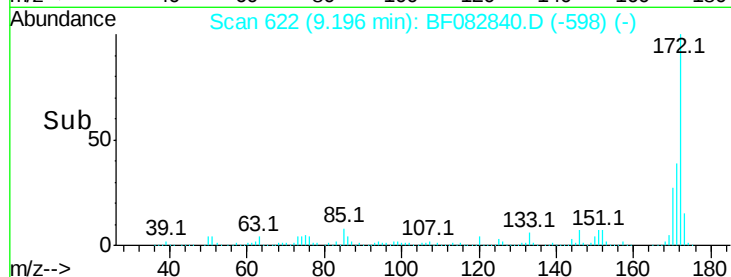
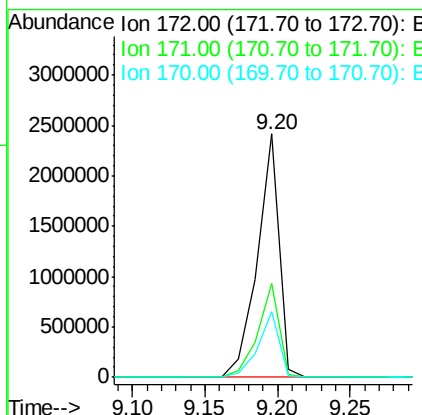
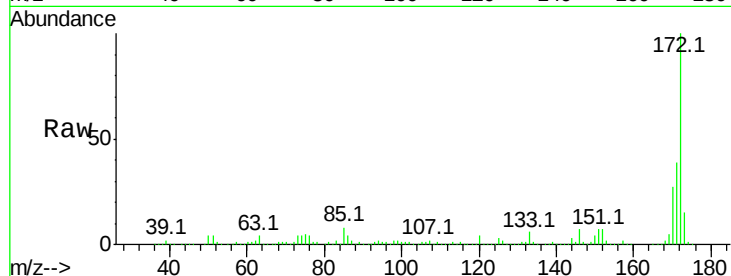


#44
 2-Fluorobiphenyl
 Concen: 84.76 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082840.D
 Acq: 9 Nov 2015 20:24

Instrument :
 BNA_F
 ClientSampleId :
 D1

Tot Ion:172 Resp: 2507412

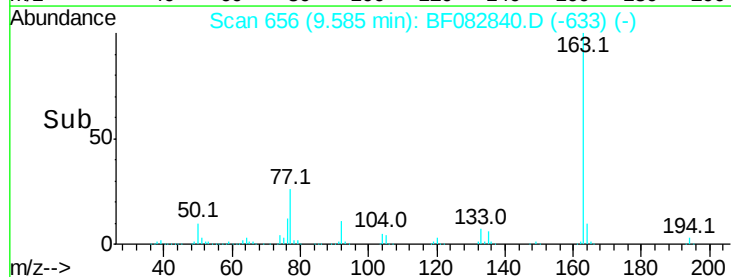
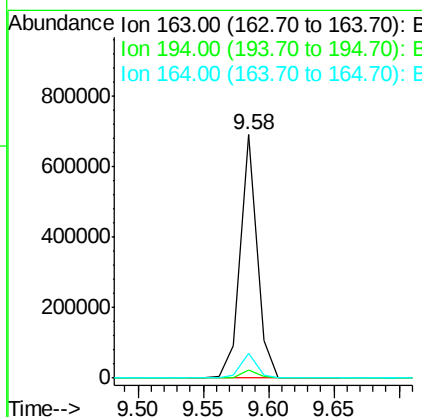
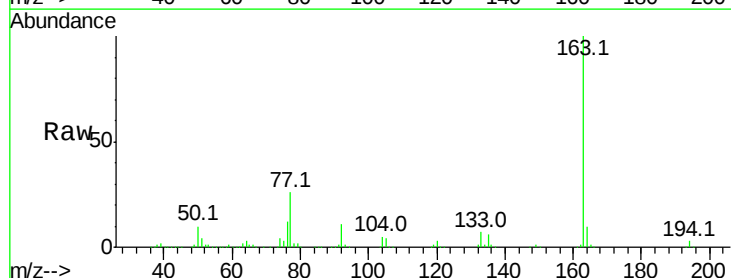
Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.8	46.2
170	26.8	21.2	31.8

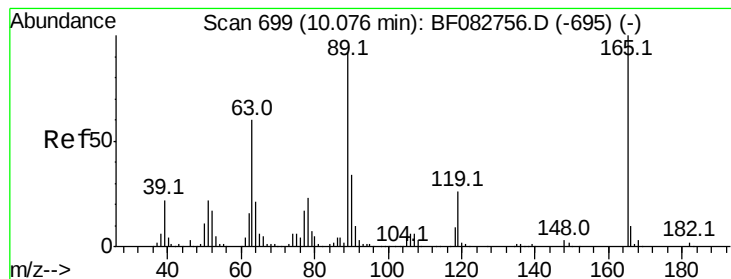


#49
 Dimethylphthalate
 Concen: 17.71 ng
 RT: 9.58 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF082840.D
 Acq: 9 Nov 2015 20:24

Tgt Ion:163 Resp: 615058

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.2	8.7	13.1





#56

2,4-Dinitrotoluene

Concen: 5.22 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.21 min

Lab File: BF082840.D

Acq: 9 Nov 2015 20:24

Instrument :

BNA_F

ClientSampleId :

D1

Tot Ion:165 Resp: 52493

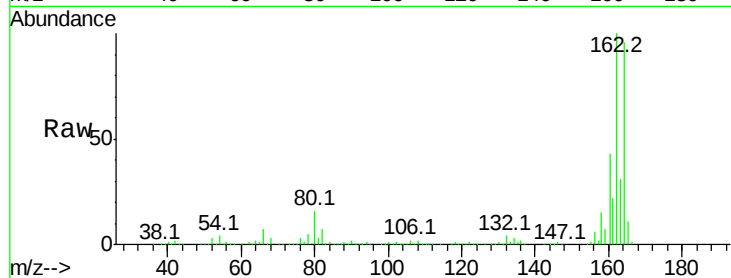
Ion Ratio Lower Upper

165 100

63 1.7 43.4 65.0#

89 1.6 70.6 106.0#

182 0.0 1.5 2.3#

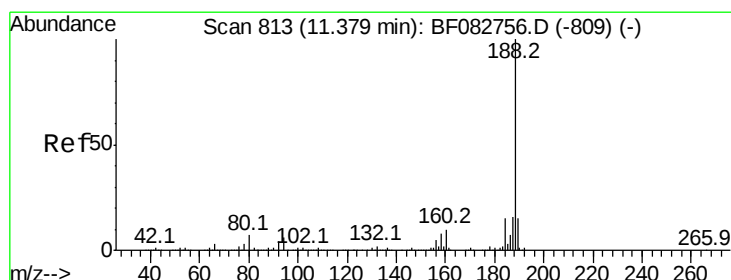
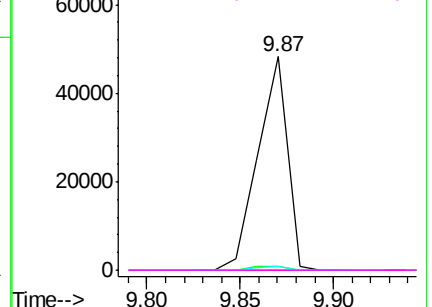
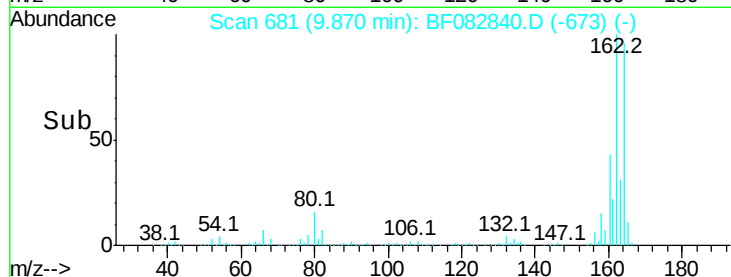


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF082840.D

Acq: 9 Nov 2015 20:24

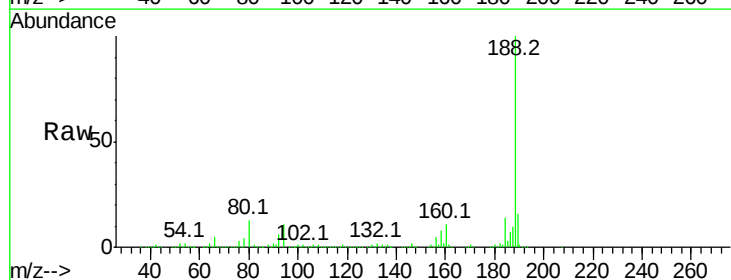
Tgt Ion:188 Resp: 734148

Ion Ratio Lower Upper

188 100

94 11.3 6.1 9.1#

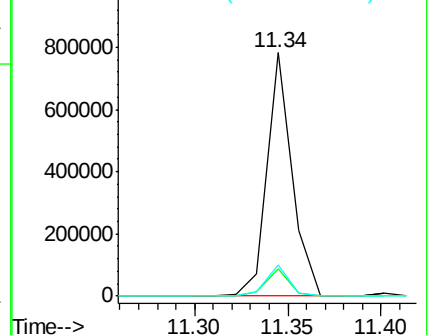
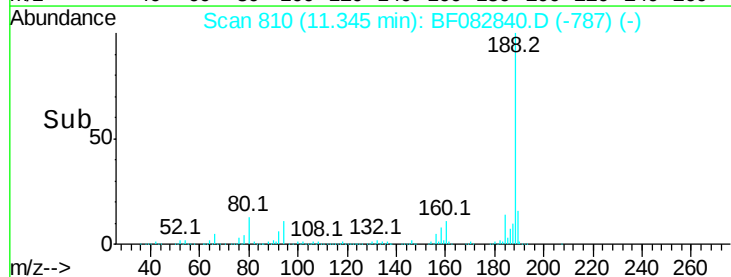
80 13.0 7.0 10.6#

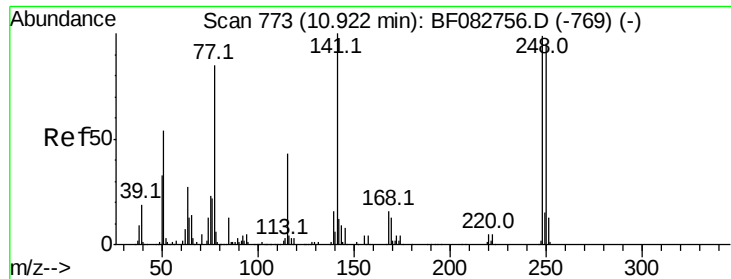


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

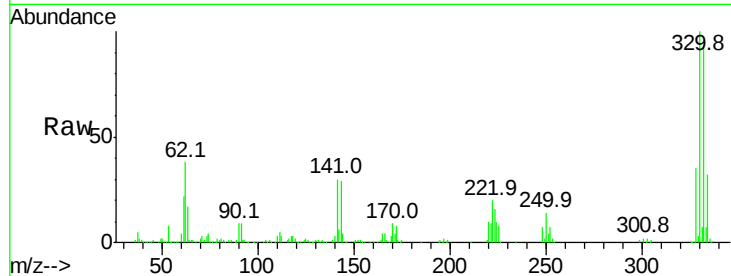




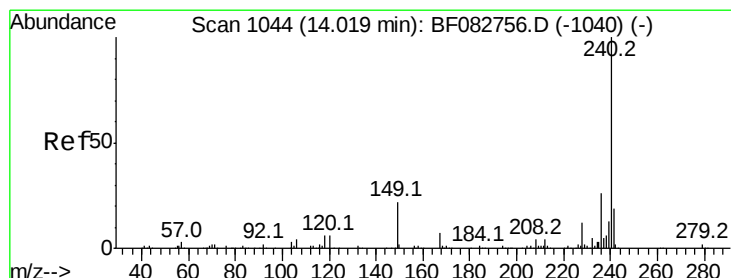
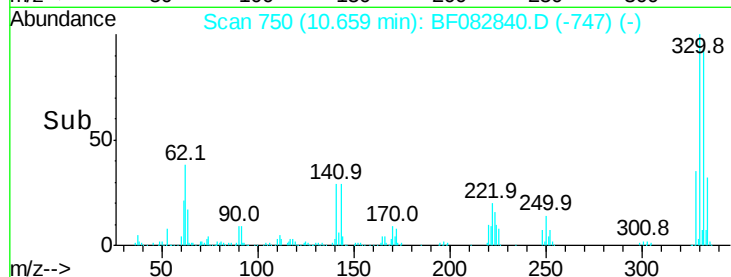
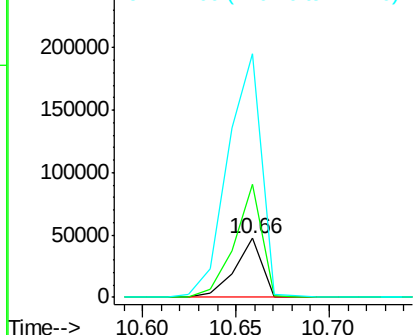
#66
4-Bromophenyl-phenylether
Concen: 5.49 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.26 min
Lab File: BF082840.D
Acq: 9 Nov 2015 20:24

Instrument :
BNA_F
ClientSampleId :
D1

Tot Ion:248 Resp: 48530
Ion Ratio Lower Upper
248 100
250 191.2 79.4 119.2#
141 410.8 36.3 54.5#

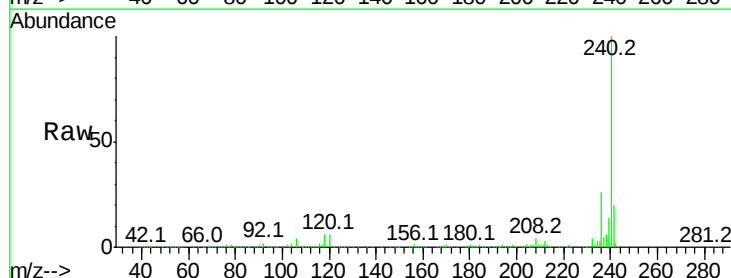


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

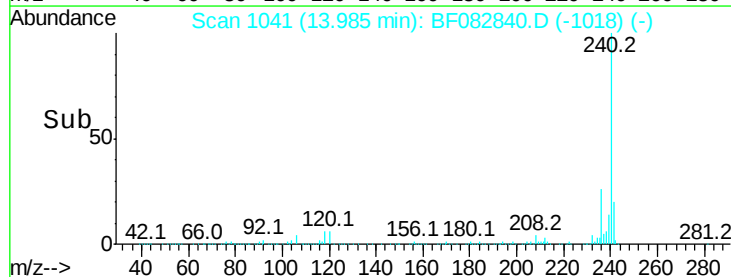
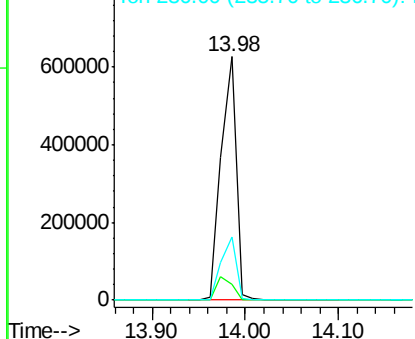


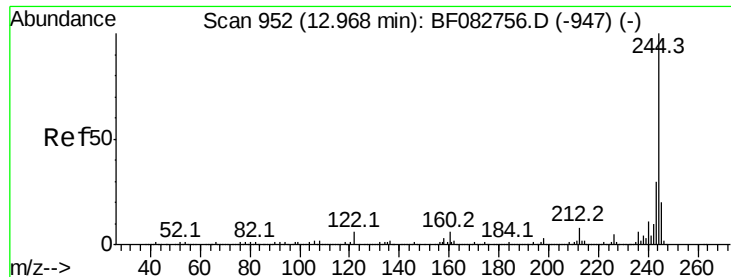
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF082840.D
Acq: 9 Nov 2015 20:24

Tgt Ion:240 Resp: 703484
Ion Ratio Lower Upper
240 100
120 6.3 10.9 16.3#
236 25.7 21.6 32.4



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





#78

Terphenyl-d14

Concen: 89.17 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082840.D

Acq: 9 Nov 2015 20:24

Instrument :

BNA_F

ClientSampleId :

D1

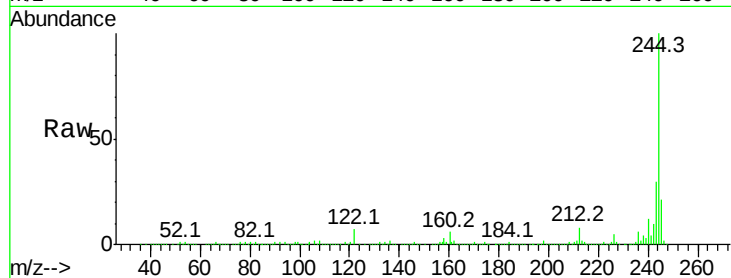
Tot Ion:244 Resp: 2644780

Ion Ratio Lower Upper

244 100

212 7.8 7.6 11.4

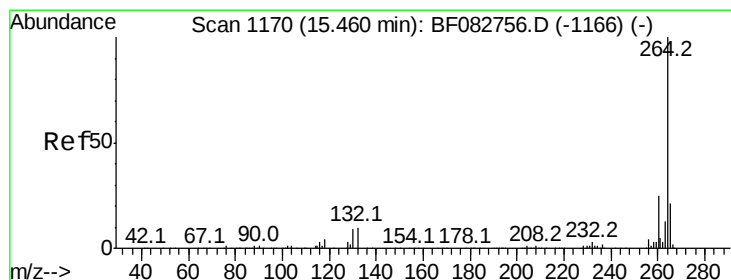
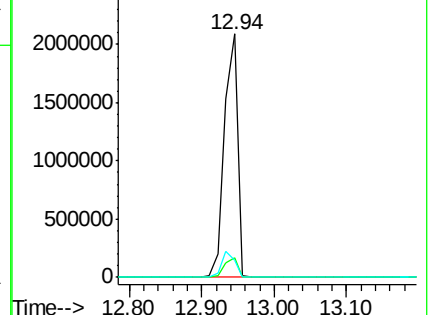
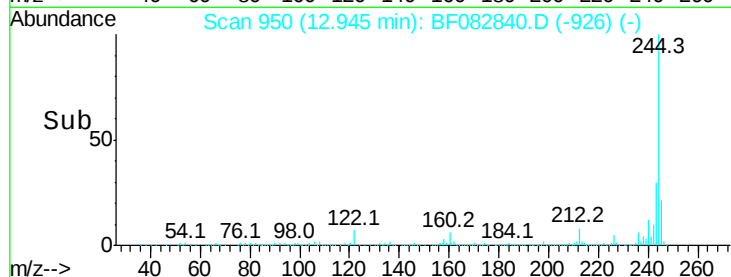
122 6.9 11.3 16.9#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.06 min

Lab File: BF082840.D

Acq: 9 Nov 2015 20:24

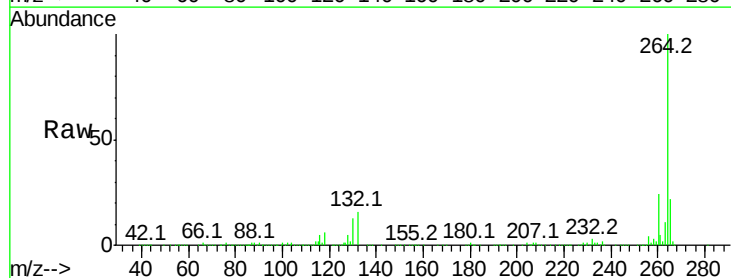
Tgt Ion:264 Resp: 614749

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.6

265 22.0 17.4 26.0



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

