

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082838.D
 Acq On : 9 Nov 2015 19:26
 Operator : UM/IZ
 Sample : G4306-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E1-1

Quant Time: Nov 10 02:52:51 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

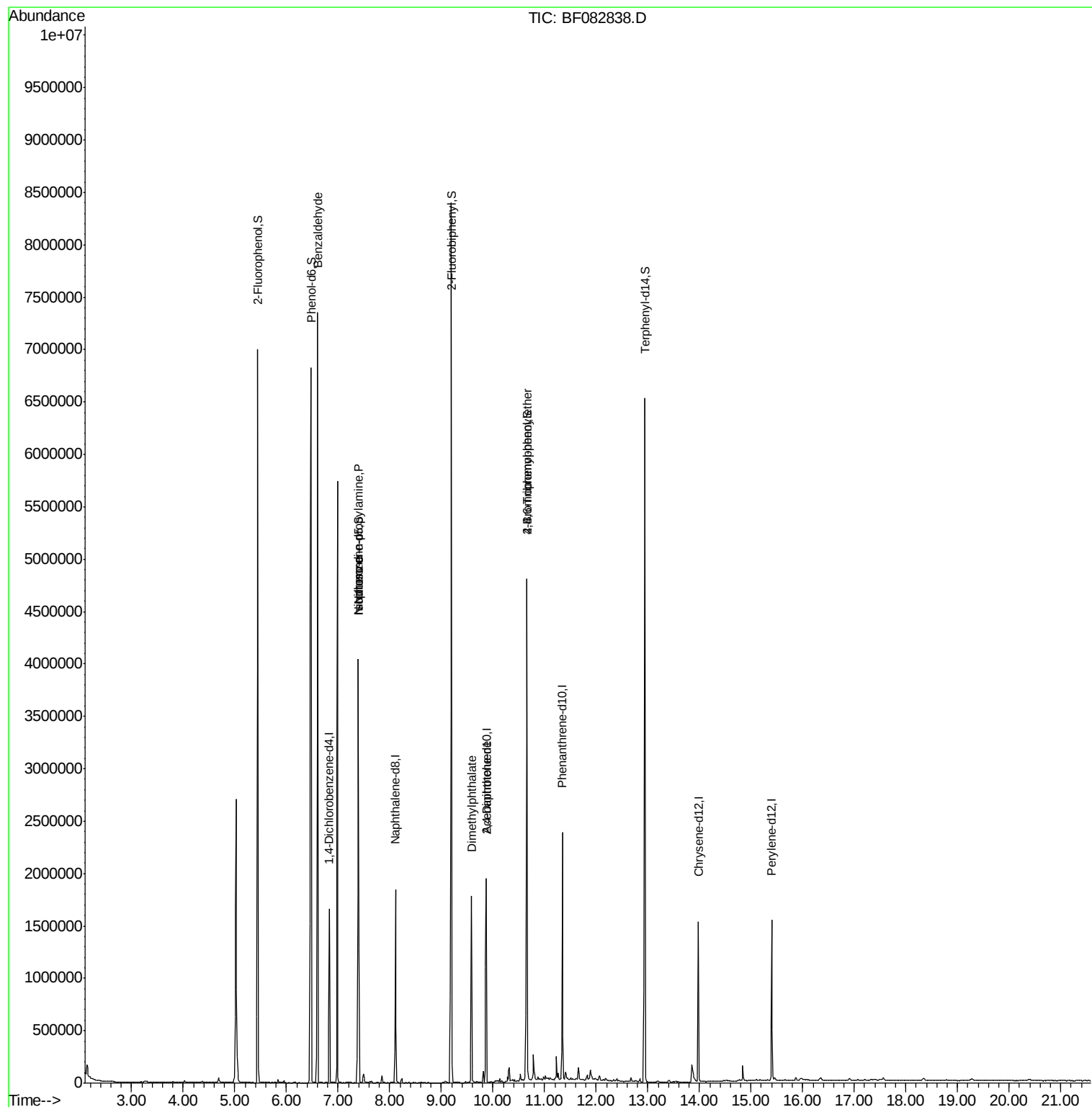
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	252280	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	862218	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	474297	20.00	ng	-0.02
63) Phenanthrene-d10	11.35	188	836050	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	789283	20.00	ng	-0.03
86) Perylene-d12	15.40	264	689237	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2066709	127.46	ng	0.00
7) Phenol-d6	6.48	99	3025379	140.35	ng	0.00
23) Nitrobenzene-d5	7.39	82	1779158	89.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	717605	131.95	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2732333	82.57	ng	-0.02
78) Terphenyl-d14	12.95	244	2865882	86.12	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.60	77	58501	4.91	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.39	70	241108	15.22	ng	# 70
25) Isophorone	7.39	82	1723463	47.01	ng	# 70
49) Dimethylphthalate	9.58	163	659064	16.96	ng	98
56) 2,4-Dinitrotoluene	9.87	165	60097	5.34	ng	# 15
66) 4-Bromophenyl-phenylether	10.66	248	54116	5.38	ng	# 1

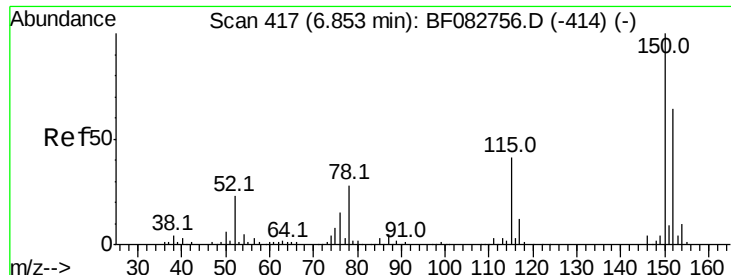
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082838.D

Acq: 9 Nov 2015 19:26

Instrument :

BNA_F

ClientSampleId :

E1-1

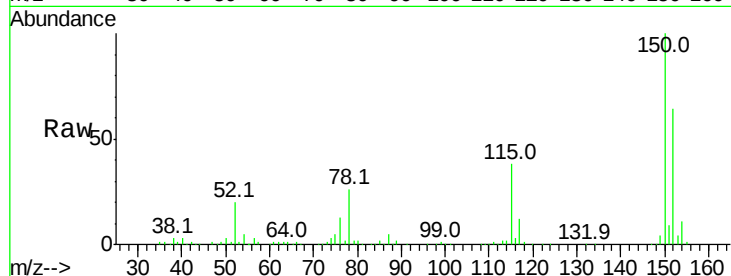
Tot Ion:152 Resp: 252280

Ion Ratio Lower Upper

152 100

150 155.6 127.0 190.4

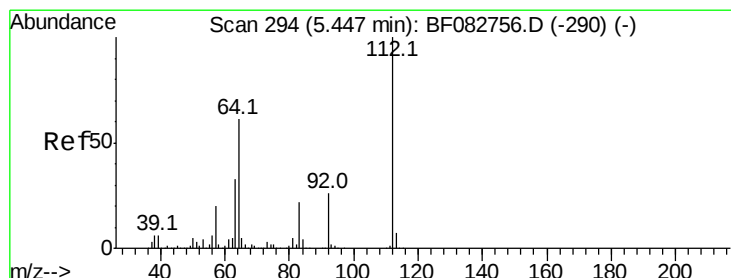
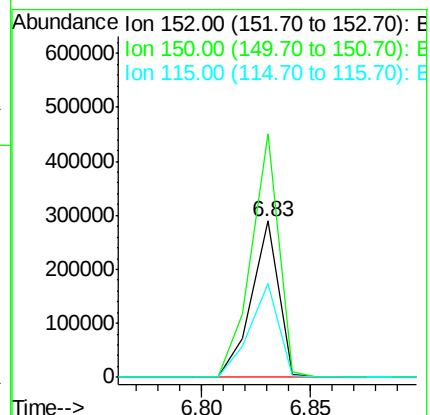
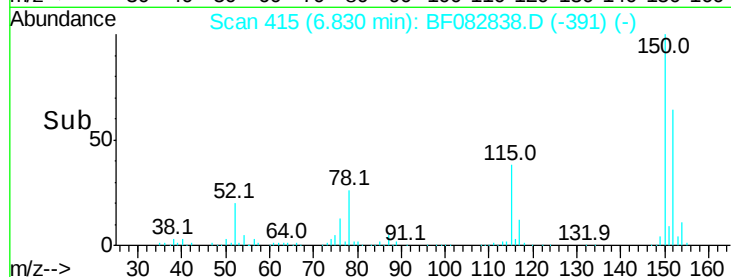
115 59.8 47.0 70.6



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: 127.46 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082838.D

Acq: 9 Nov 2015 19:26

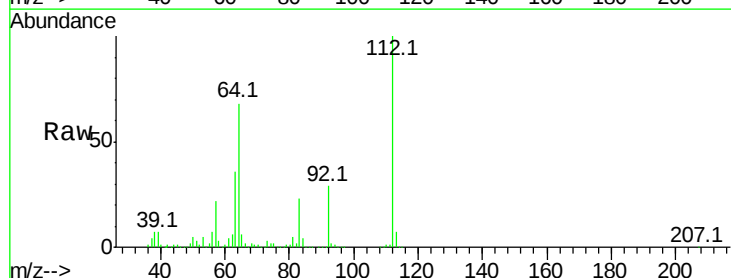
Tgt Ion:112 Resp: 2066709

Ion Ratio Lower Upper

112 100

64 67.9 48.9 73.3

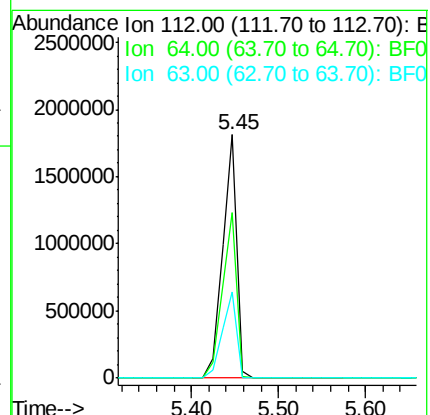
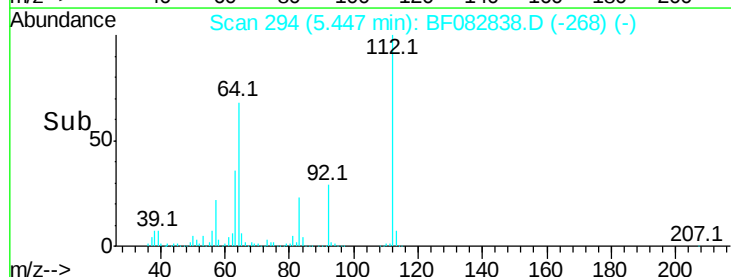
63 35.6 28.1 42.1

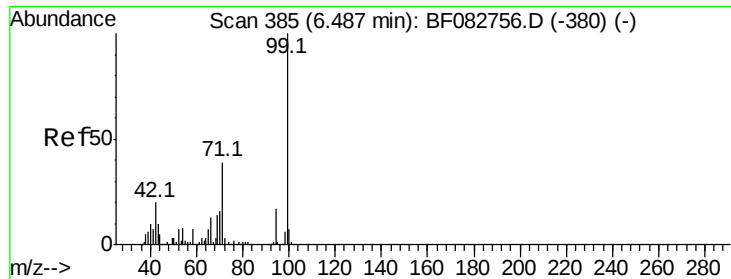


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 140.35 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082838.D

Acq: 9 Nov 2015 19:26

Instrument :

BNA_F

ClientSampleId :

E1-1

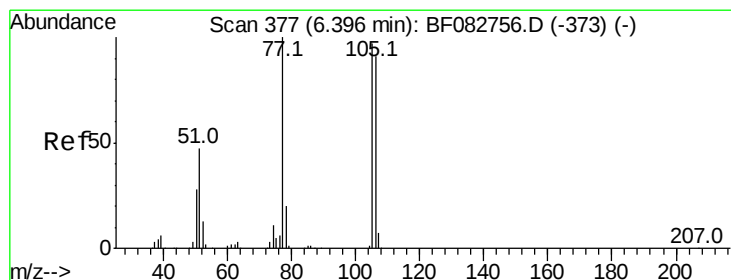
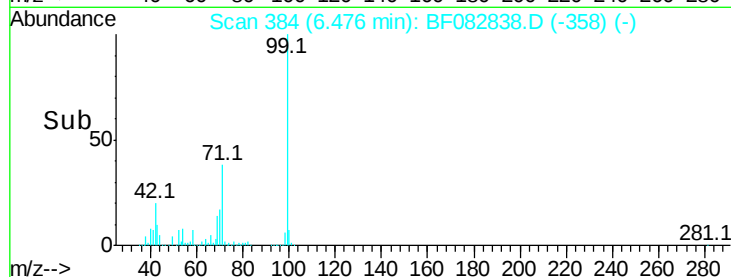
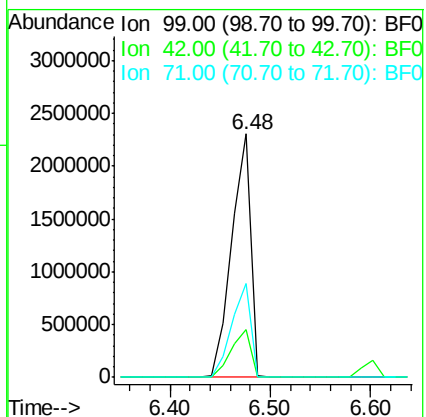
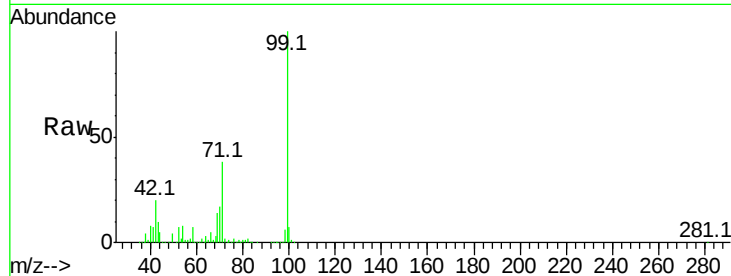
Tot Ion: 99 Resp: 3025379

Ion Ratio Lower Upper

99 100

42 19.7 19.2 28.8

71 38.4 35.0 52.4



#9

Benzaldehyde

Concen: 4.91 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.21 min

Lab File: BF082838.D

Acq: 9 Nov 2015 19:26

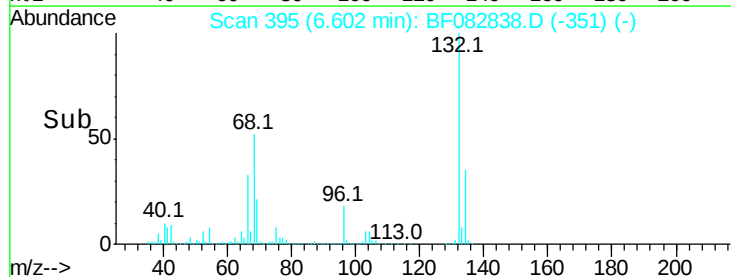
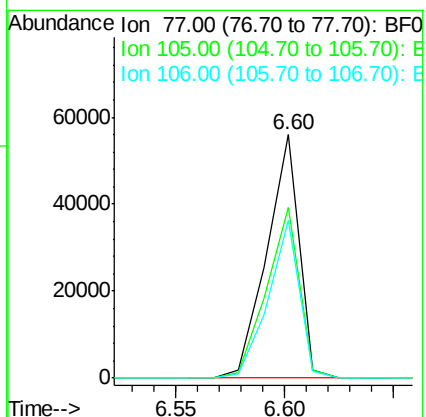
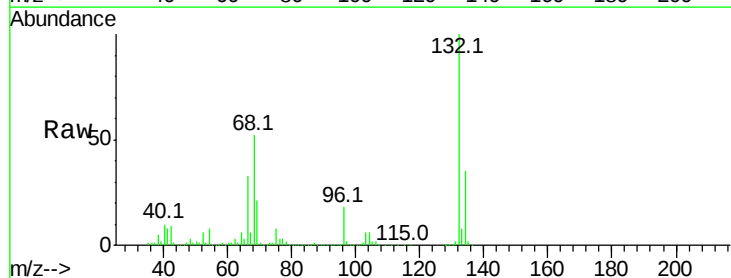
Tgt Ion: 77 Resp: 58501

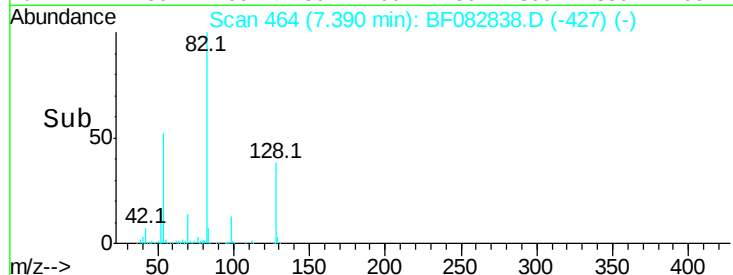
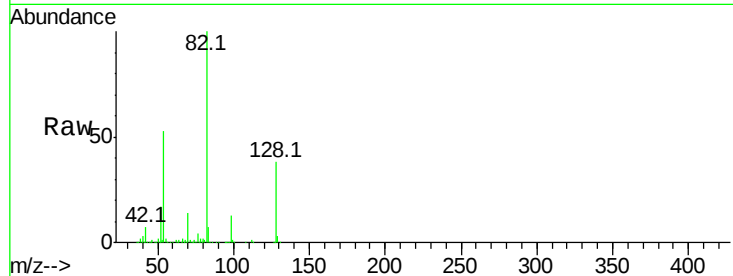
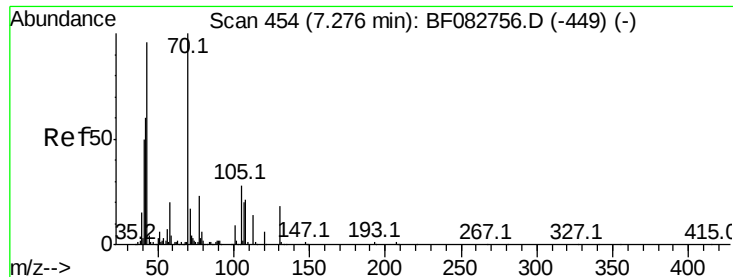
Ion Ratio Lower Upper

77 100

105 69.9 63.5 103.5

106 64.8 59.3 99.3

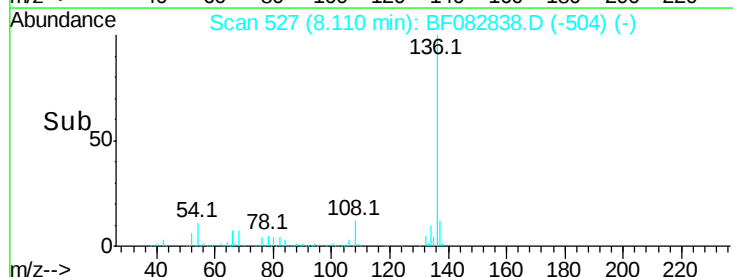
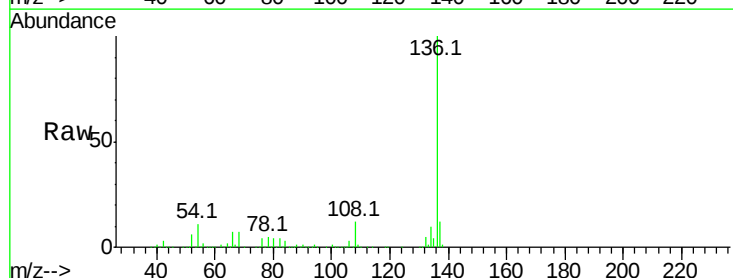
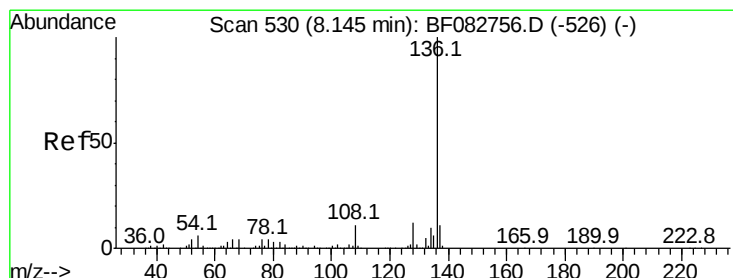
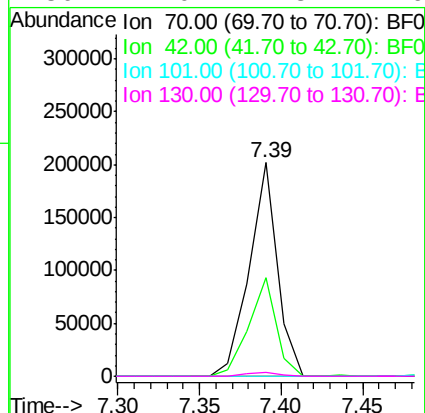




#19
n-Nitroso-di-n-propylamine
Concen: 15.22 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.13 min
Lab File: BF082838.D
Acq: 9 Nov 2015 19:26

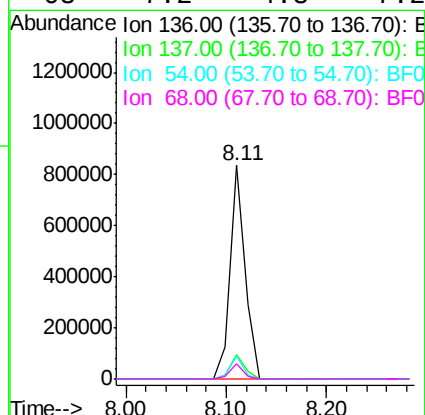
Instrument :
BNA_F
ClientSampleId :
E1-1

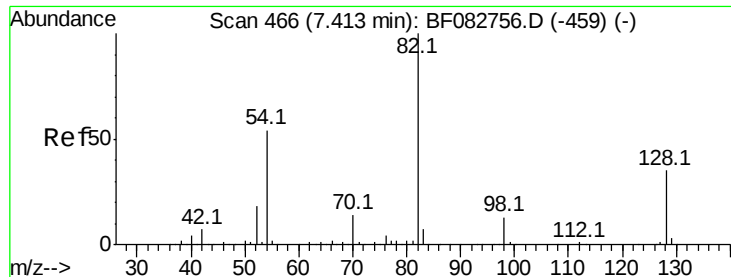
Tot Ion:	70	Resp:	241108
Ion	Ratio	Lower	Upper
70	100		
42	46.4	57.7	86.5#
101	0.0	7.0	10.6#
130	2.0	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF082838.D
Acq: 9 Nov 2015 19:26

Tgt Ion:	136	Resp:	862218
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.0	9.1	13.7
68	7.2	4.8	7.2#

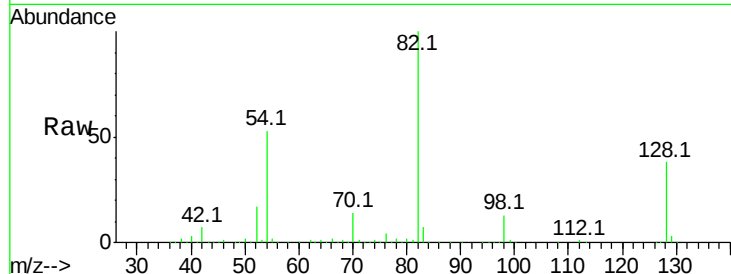




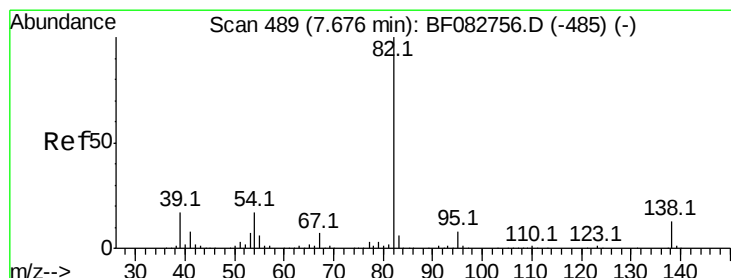
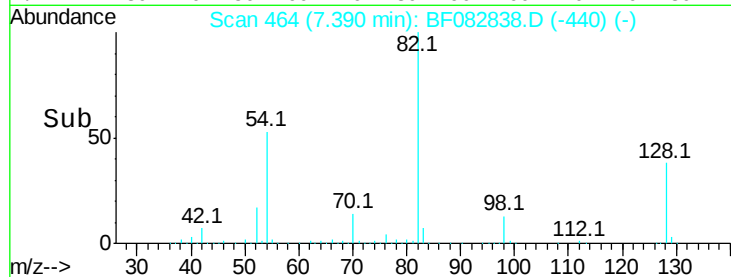
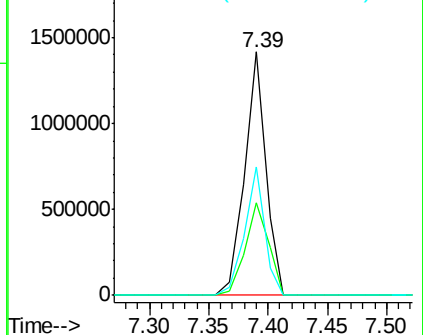
#23
 Nitrobenzene-d5
 Concen: 89.79 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF082838.D
 Acq: 9 Nov 2015 19:26

Instrument :
 BNA_F
 ClientSampled :
 E1-1

Tot Ion: 82 Resp: 1779158
 Ion Ratio Lower Upper
 82 100
 128 38.1 26.8 40.2
 54 52.6 45.7 68.5

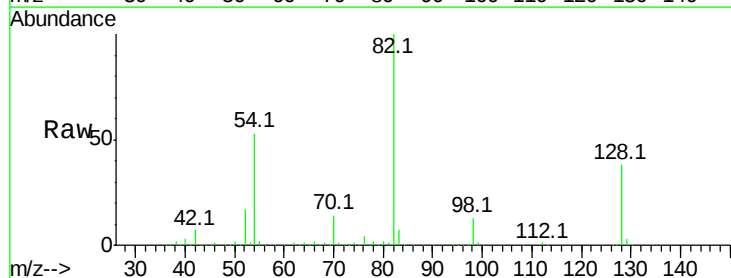


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

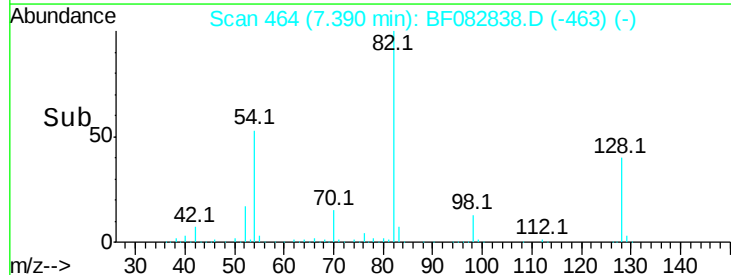
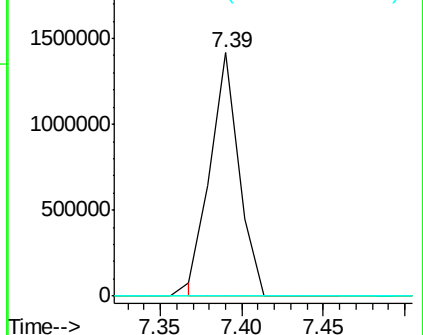


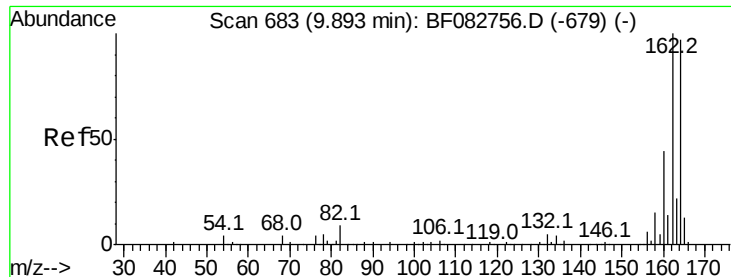
#25
 Isophorone
 Concen: 47.01 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.29 min
 Lab File: BF082838.D
 Acq: 9 Nov 2015 19:26

Tgt Ion: 82 Resp: 1723463
 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

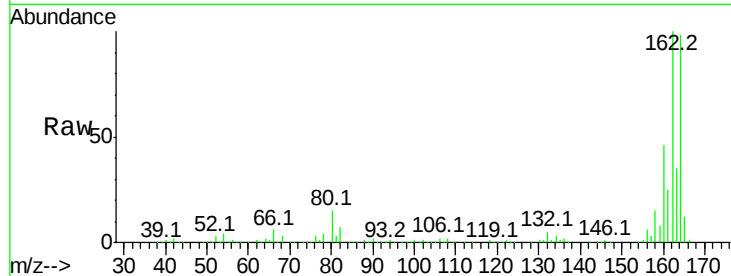




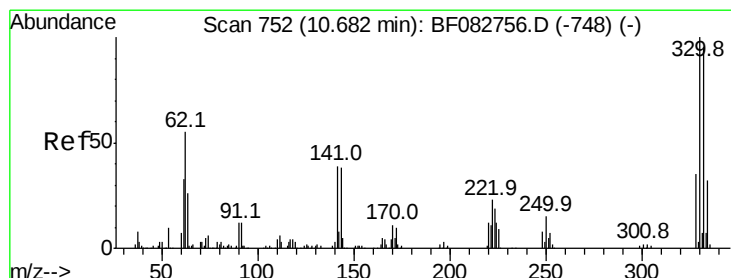
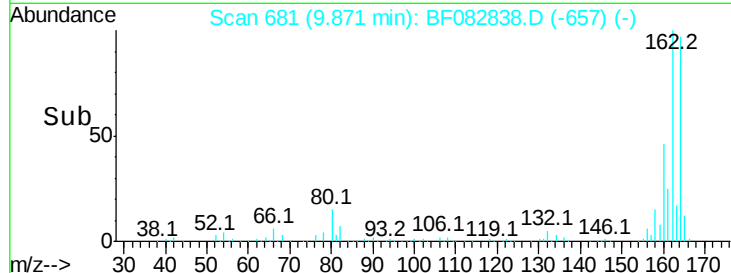
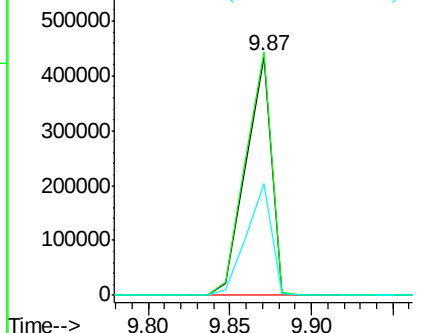
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF082838.D
 Acq: 9 Nov 2015 19:26

Instrument :
 BNA_F
 ClientSampleId :
 E1-1

Tot Ion:164 Resp: 474297
 Ion Ratio Lower Upper
 164 100
 162 101.8 84.9 127.3
 160 46.8 37.5 56.3

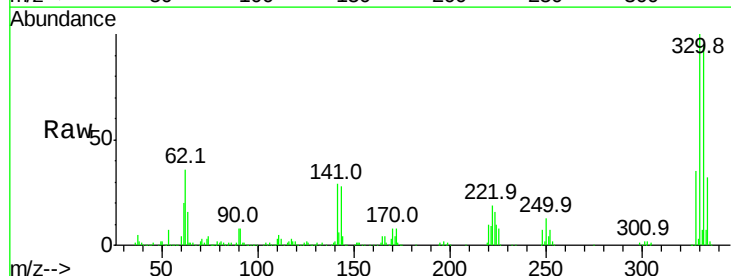


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

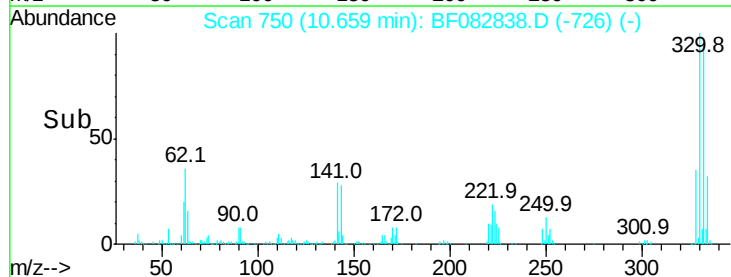
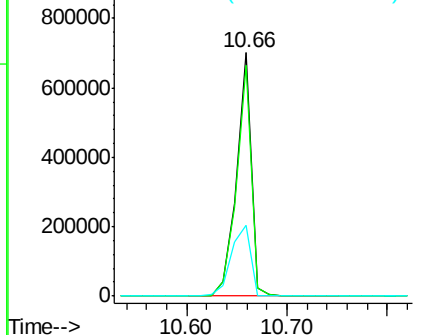


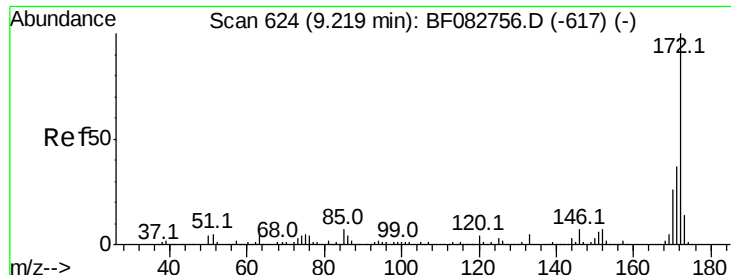
#41
 2,4,6-Tribromophenol
 Concen: 131.95 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082838.D
 Acq: 9 Nov 2015 19:26

Tgt Ion:330 Resp: 717605
 Ion Ratio Lower Upper
 330 100
 332 95.4 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

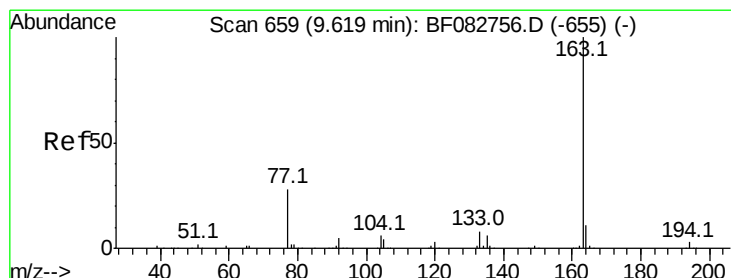
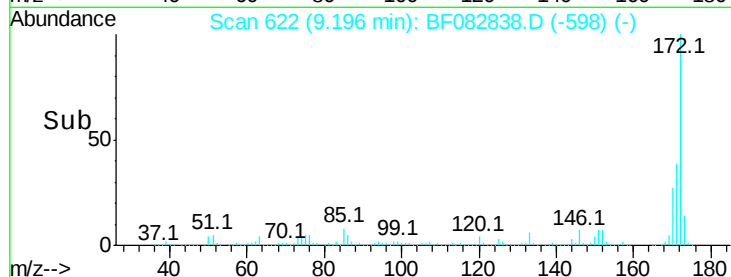
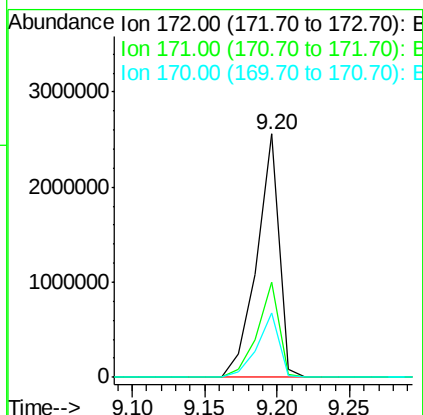
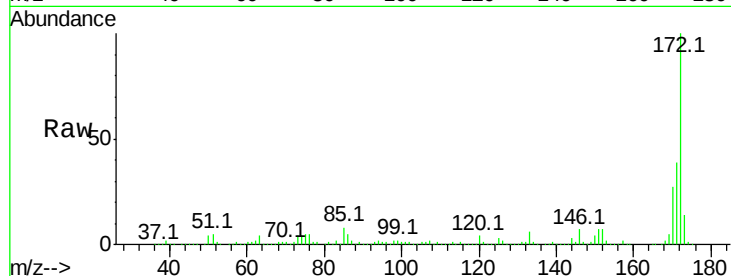




#44
2-Fluorobiphenyl
Concen: 82.57 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF082838.D
Acq: 9 Nov 2015 19:26

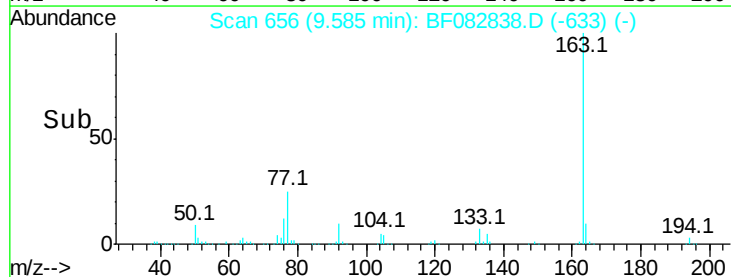
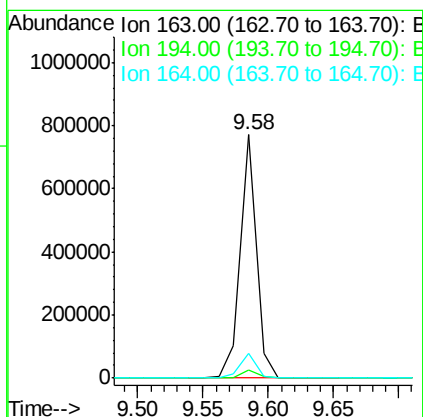
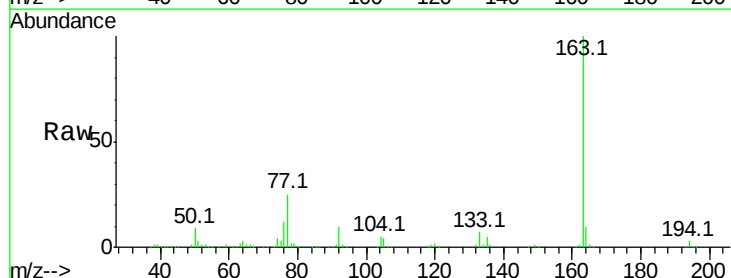
Instrument :
BNA_F
ClientSampleId :
E1-1

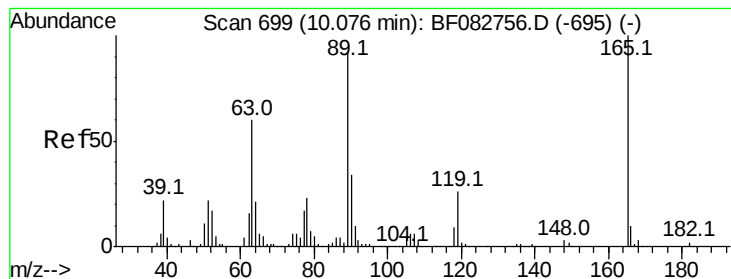
Tot Ion:172 Resp: 2732333
Ion Ratio Lower Upper
172 100
171 39.0 30.8 46.2
170 26.7 21.2 31.8



#49
Dimethylphthalate
Concen: 16.96 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF082838.D
Acq: 9 Nov 2015 19:26

Tgt Ion:163 Resp: 659064
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.1 8.7 13.1





#56

2,4-Dinitrotoluene

Concen: 5.34 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.21 min

Lab File: BF082838.D

Acq: 9 Nov 2015 19:26

Instrument :

BNA_F

ClientSampleId :

E1-1

Tot Ion:165 Resp: 60097

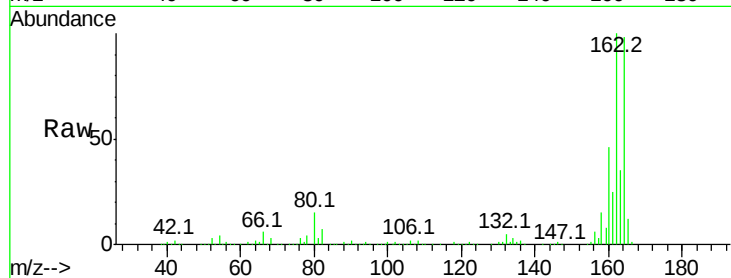
Ion Ratio Lower Upper

165 100

63 1.1 43.4 65.0#

89 1.4 70.6 106.0#

182 0.0 1.5 2.3#

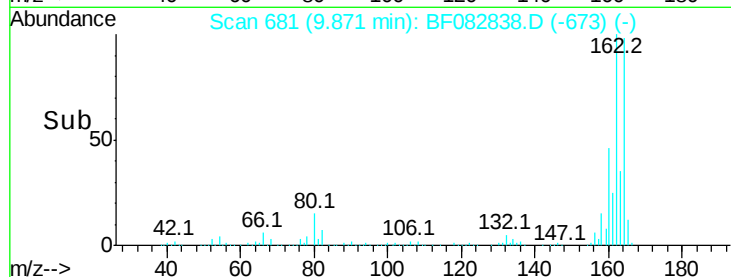


Abundance Ion 165.00 (164.70 to 165.70): E

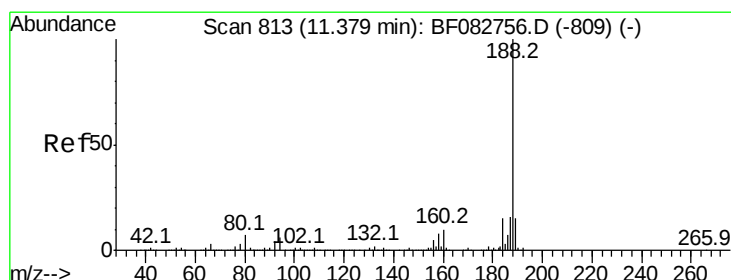
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF082838.D

Acq: 9 Nov 2015 19:26

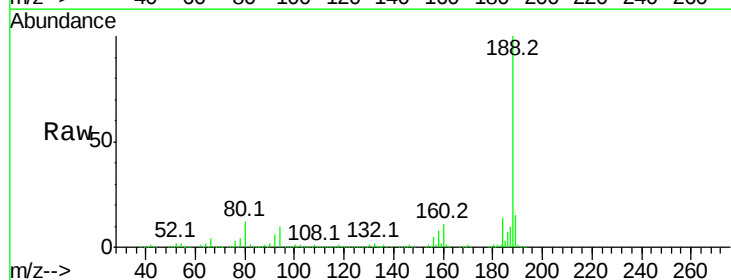
Tgt Ion:188 Resp: 836050

Ion Ratio Lower Upper

188 100

94 10.5 6.1 9.1#

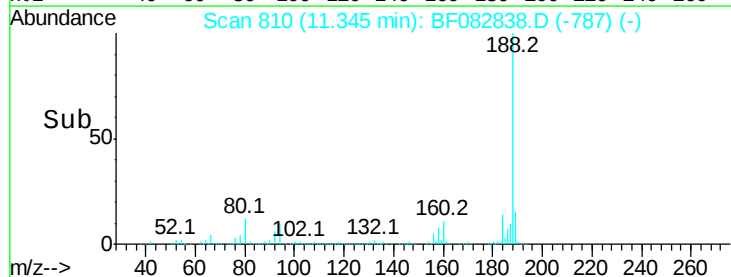
80 12.0 7.0 10.6#



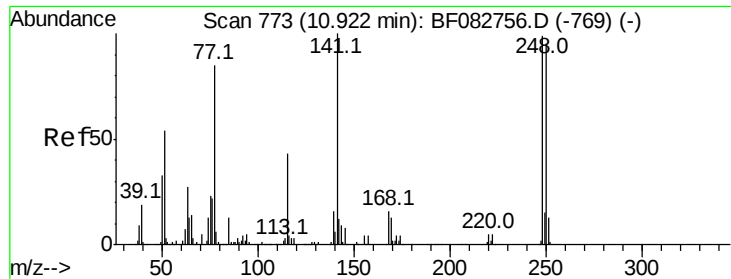
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



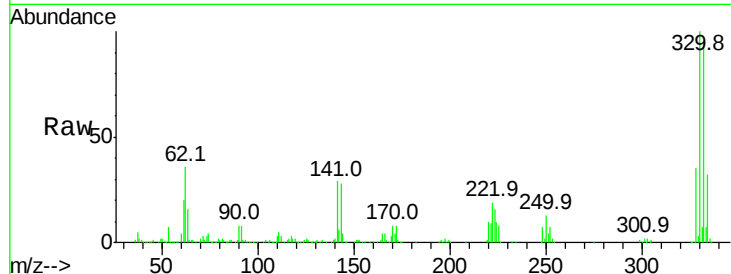
Time-->



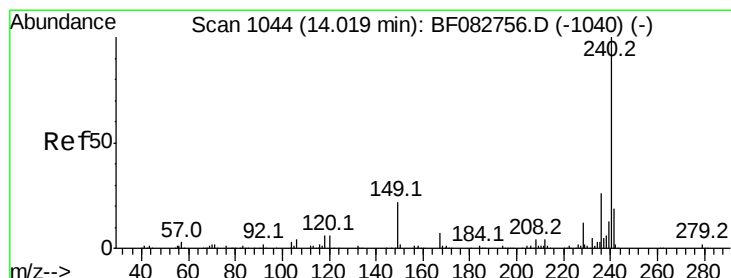
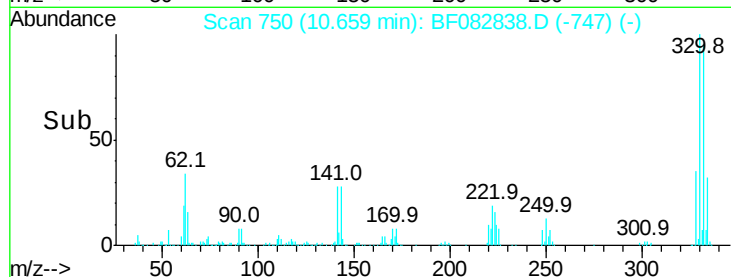
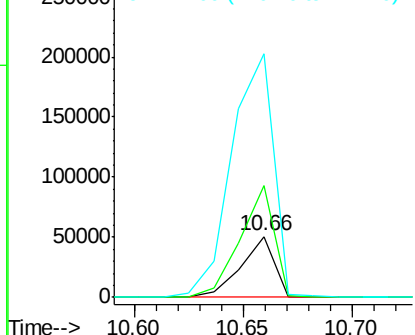
#66
4-Bromophenyl-phenylether
Concen: 5.38 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.26 min
Lab File: BF082838.D
Acq: 9 Nov 2015 19:26

Instrument :
BNA_F
ClientSampled :
E1-1

Tot Ion:248 Resp: 54116
Ion Ratio Lower Upper
248 100
250 183.4 79.4 119.2#
141 398.6 36.3 54.5#

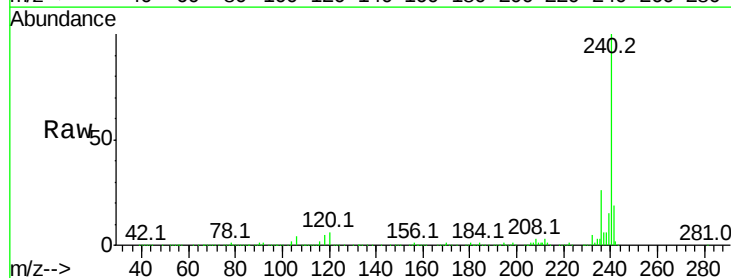


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

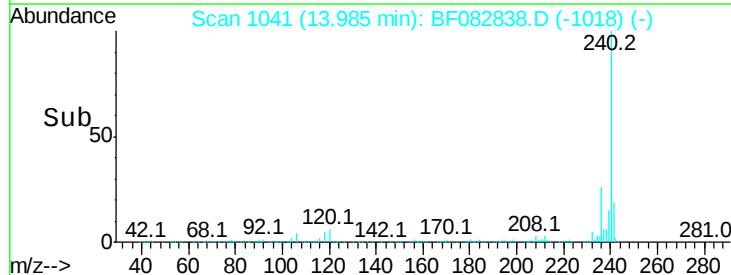
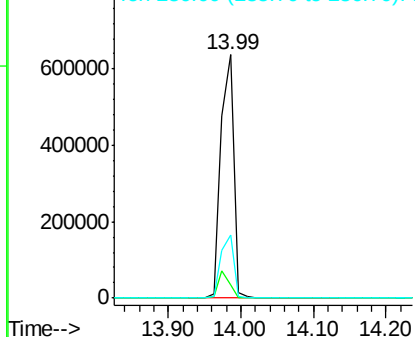


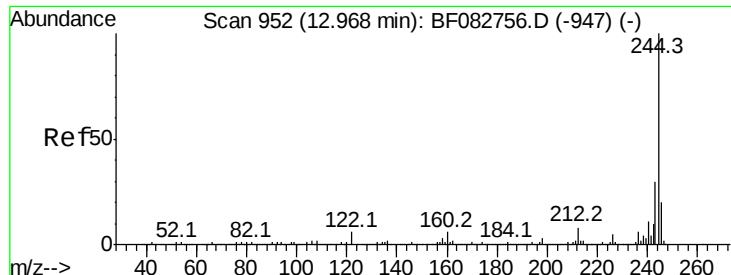
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF082838.D
Acq: 9 Nov 2015 19:26

Tgt Ion:240 Resp: 789283
Ion Ratio Lower Upper
240 100
120 5.6 10.9 16.3#
236 25.8 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: 86.12 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082838.D

Acq: 9 Nov 2015 19:26

Instrument :

BNA_F

ClientSampleId :

E1-1

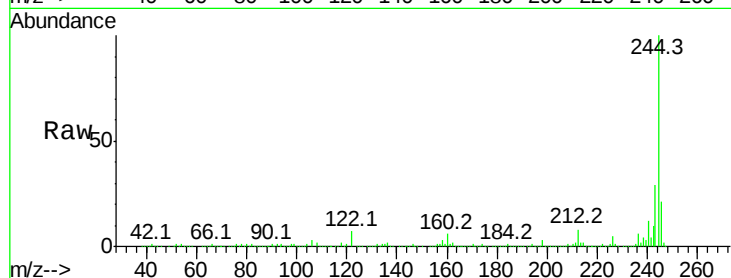
Tot Ion:244 Resp: 2865882

Ion Ratio Lower Upper

244 100

212 7.9 7.6 11.4

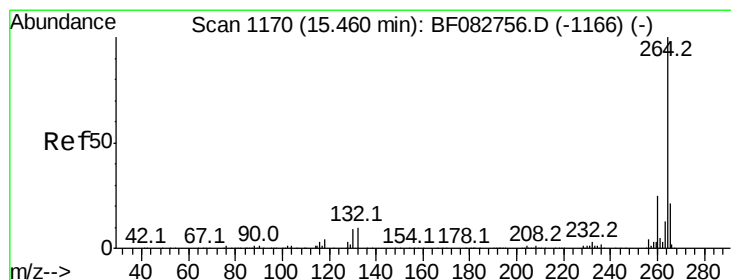
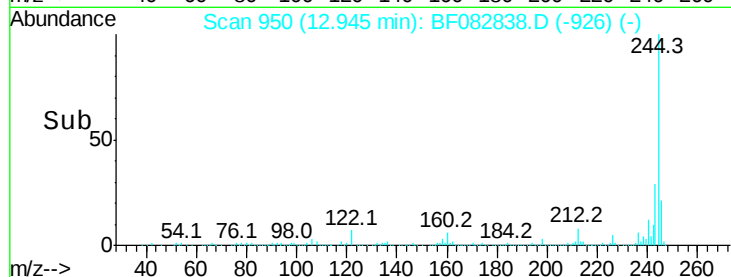
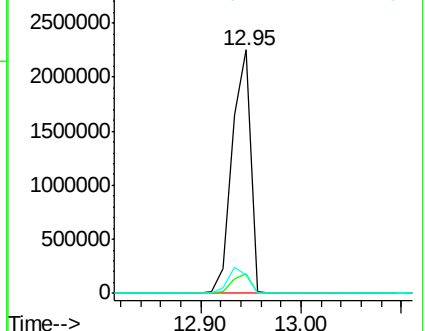
122 7.4 11.3 16.9#



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: BF082838.D

Acq: 9 Nov 2015 19:26

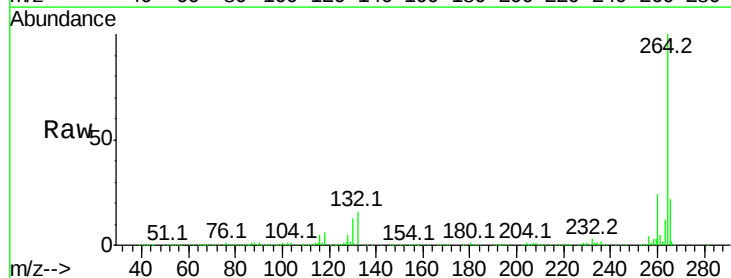
Tgt Ion:264 Resp: 689237

Ion Ratio Lower Upper

264 100

260 24.4 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

