

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082819.D
 Acq On : 8 Nov 2015 3:33
 Operator : UM/IZ
 Sample : G4206-02
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM1-31COMPOSITE

Quant Time: Nov 09 00:07:46 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

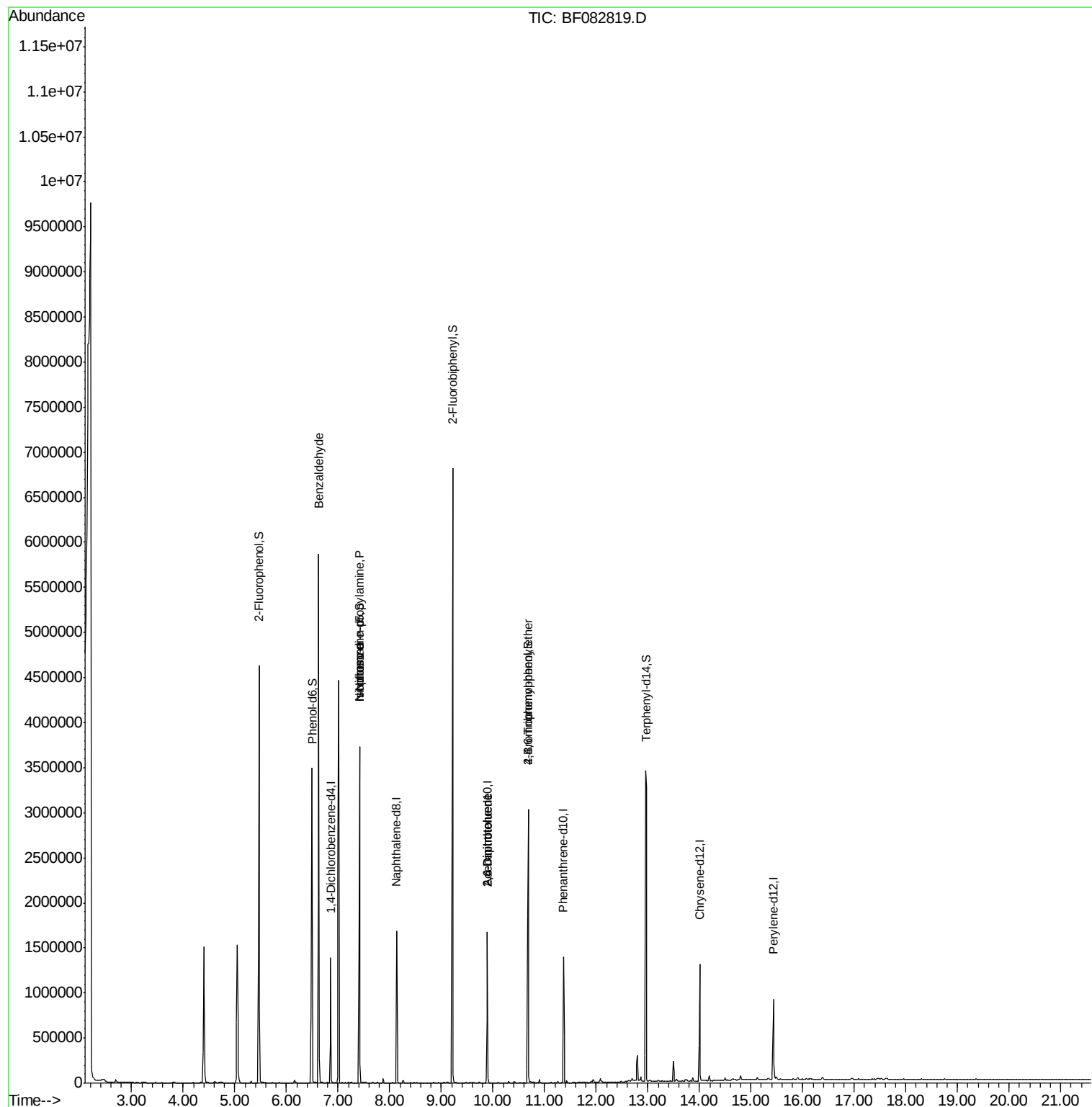
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	207130	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	705104	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	361457	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	536599	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	456750	20.00	ng	-0.01
86) Perylene-d12	15.44	264	434732	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1270367	95.43	ng	0.02
7) Phenol-d6	6.50	99	1829484	103.37	ng	0.02
23) Nitrobenzene-d5	7.41	82	1276851	78.80	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	426168	102.83	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2113552	83.81	ng	0.00
78) Terphenyl-d14	12.97	244	1618714	84.06	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	41538	4.25	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.41	70	180939	13.91	ng	# 71
25) Isophorone	7.41	82	1258321	41.97	ng	# 69
50) 2,6-Dinitrotoluene	9.89	165	45895	7.26	ng	# 17
56) 2,4-Dinitrotoluene	9.89	165	45887	5.35	ng	# 15
66) 4-Bromophenyl-phenylether	10.68	248	29731	4.60	ng	# 1

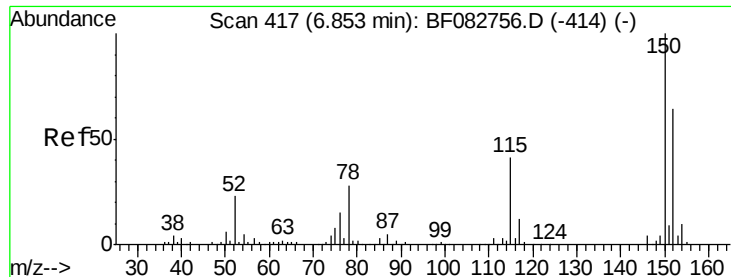
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082819.D
Acq On : 8 Nov 2015 3:33
Operator : UM/IZ
Sample : G4206-02
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITE

Quant Time: Nov 09 00:07:46 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082819.D

Acq: 8 Nov 2015 3:33

Instrument :

BNA_F

ClientSampleId :

DRUM1-31COMPOSITE

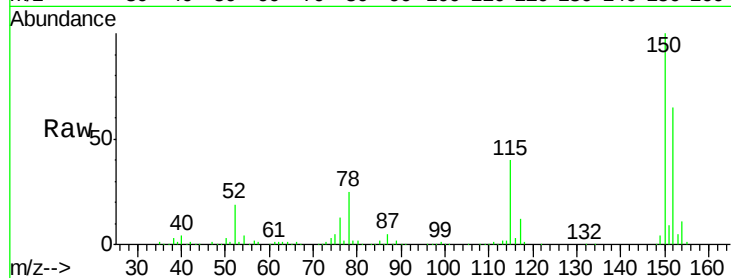
Tgt Ion:152 Resp: 207130

Ion Ratio Lower Upper

152 100

150 153.0 127.0 190.4

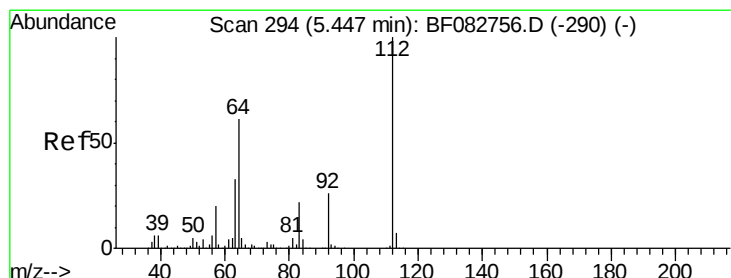
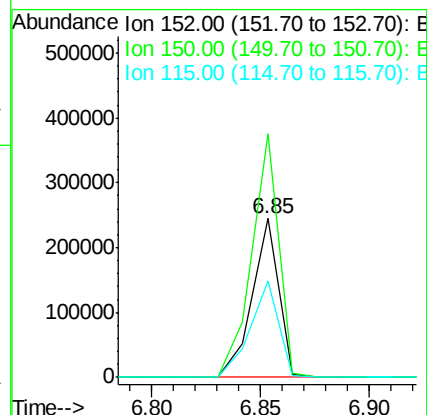
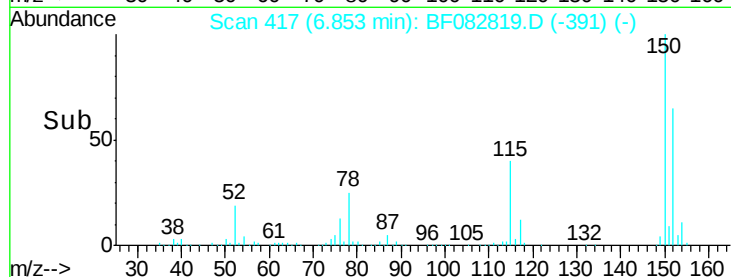
115 60.6 47.0 70.6



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: 95.43 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF082819.D

Acq: 8 Nov 2015 3:33

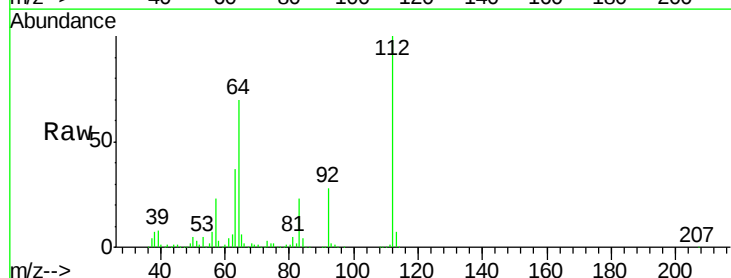
Tgt Ion:112 Resp: 1270367

Ion Ratio Lower Upper

112 100

64 69.6 48.9 73.3

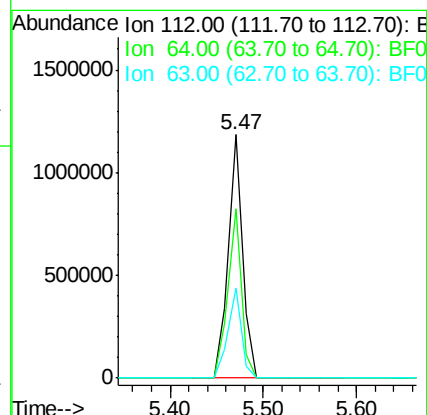
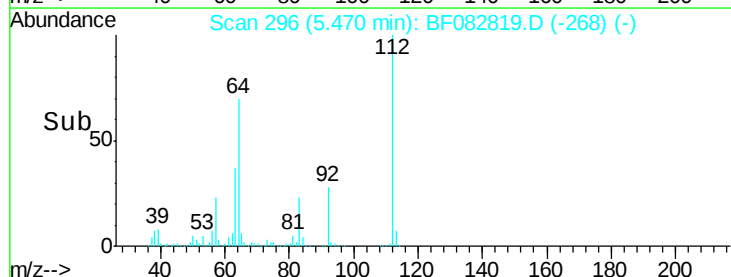
63 36.8 28.1 42.1

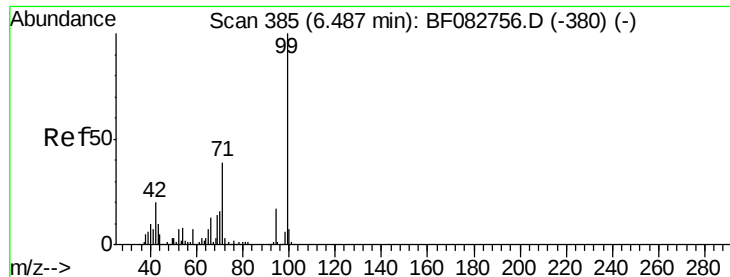


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.37 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF082819.D

Acq: 8 Nov 2015 3:33

Instrument :

BNA_F

ClientSampleId :

DRUM1-31COMPOSITE

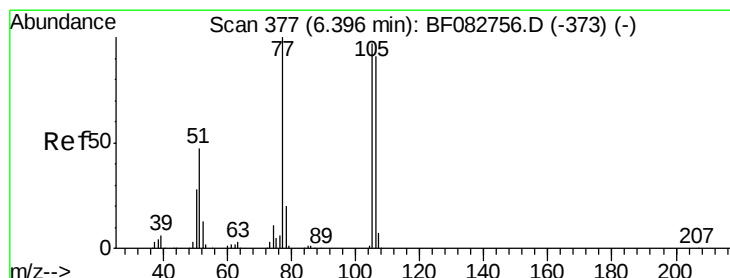
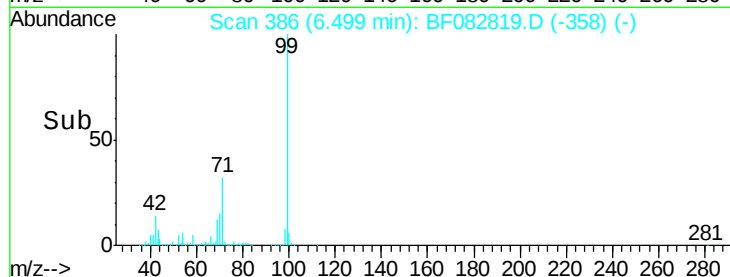
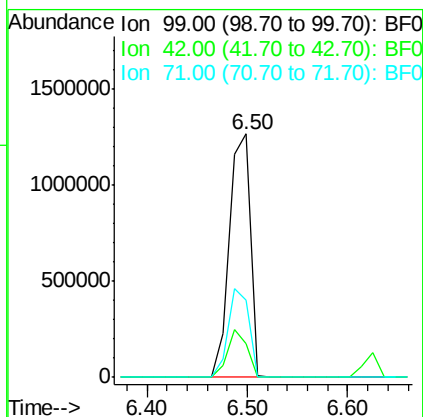
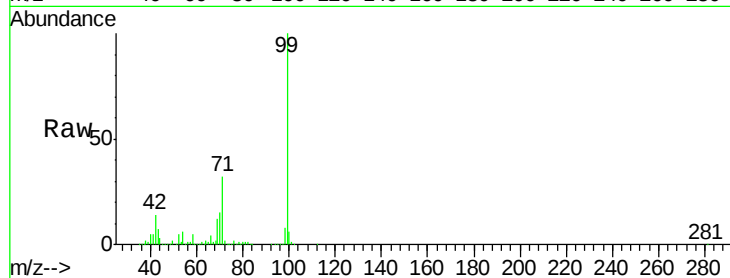
Tgt Ion: 99 Resp: 1829484

Ion Ratio Lower Upper

99 100

42 13.9 19.2 28.8#

71 31.9 35.0 52.4#



#9

Benzaldehyde

Concen: 4.25 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.23 min

Lab File: BF082819.D

Acq: 8 Nov 2015 3:33

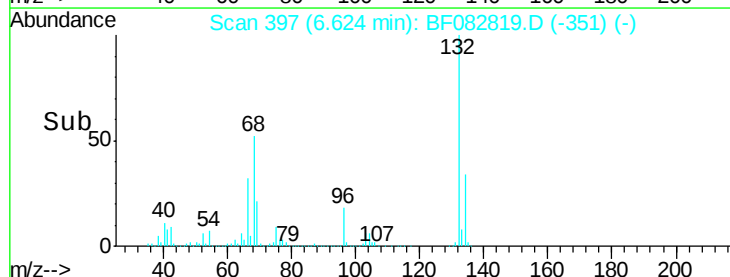
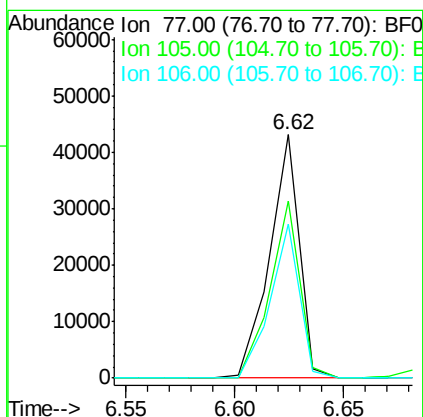
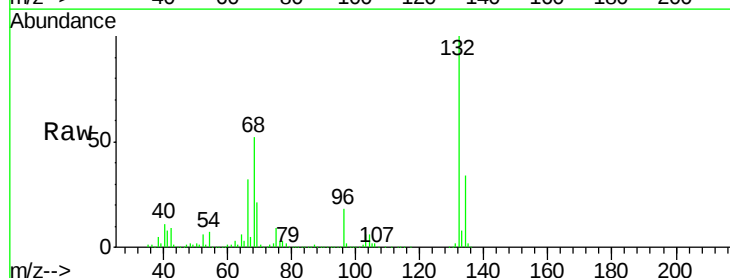
Tgt Ion: 77 Resp: 41538

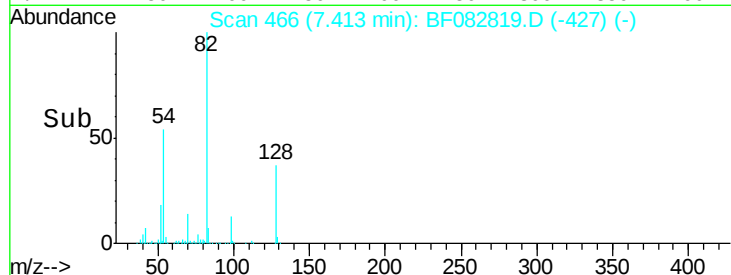
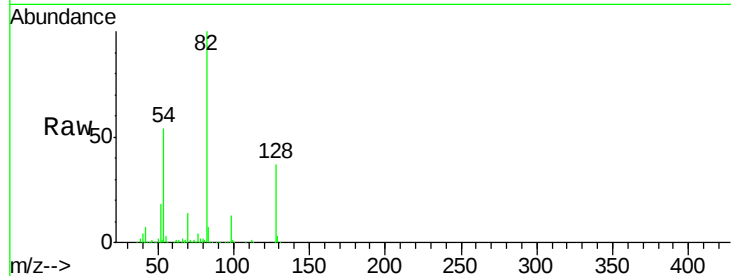
Ion Ratio Lower Upper

77 100

105 72.7 63.5 103.5

106 63.3 59.3 99.3

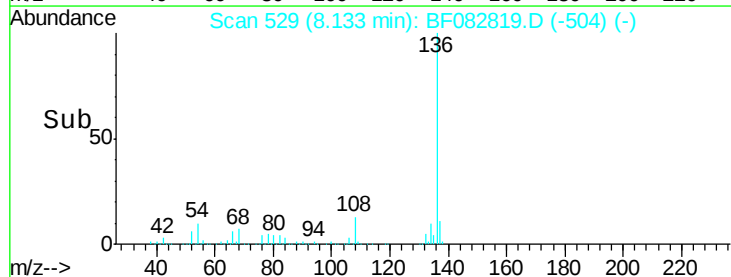
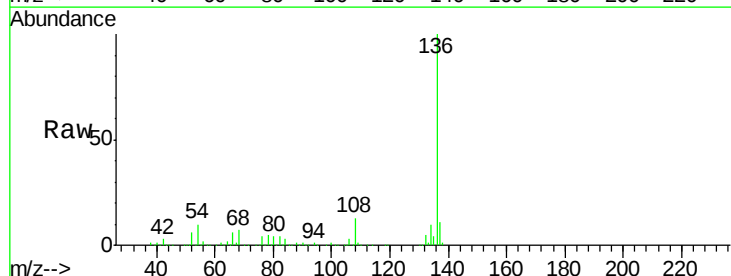
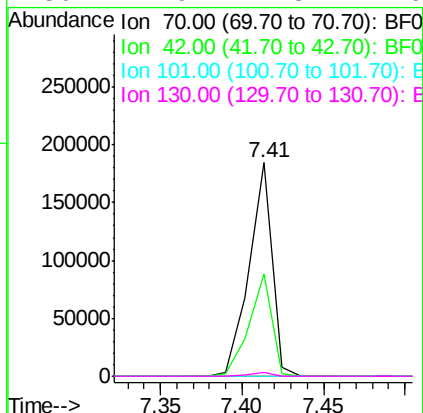




#19
n-Nitroso-di-n-propylamine
Concen: 13.91 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.15 min
Lab File: BF082819.D
Acq: 8 Nov 2015 3:33

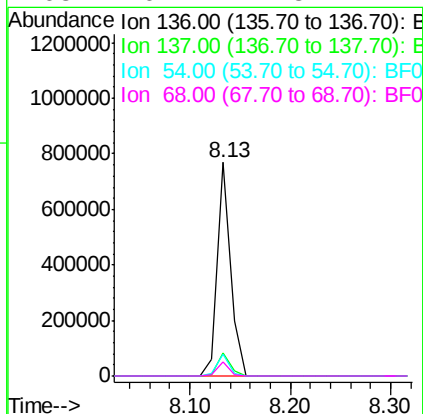
Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITE

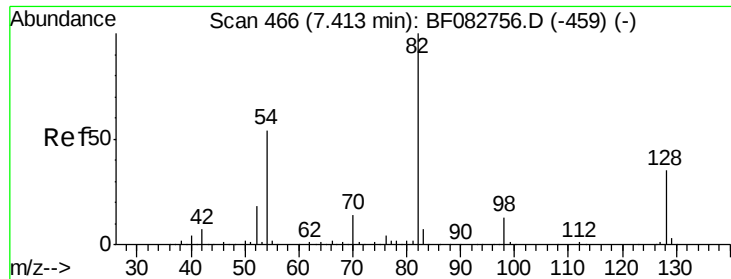
Tgt Ion:	70	Resp:	180939
Ion	Ratio	Lower	Upper
70	100		
42	48.0	57.7	86.5#
101	0.0	7.0	10.6#
130	1.9	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF082819.D
Acq: 8 Nov 2015 3:33

Tgt Ion:	136	Resp:	705104
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.3	9.1	13.7
68	6.7	4.8	7.2

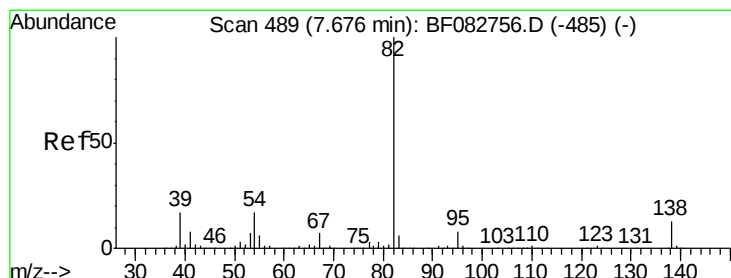
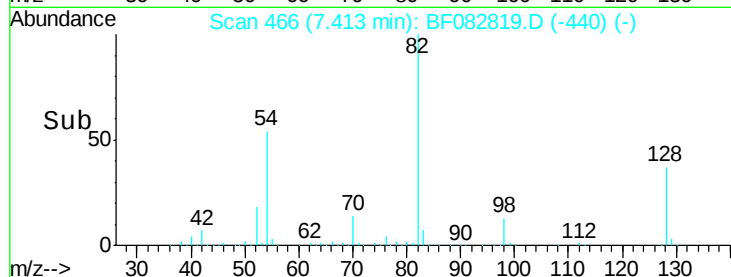
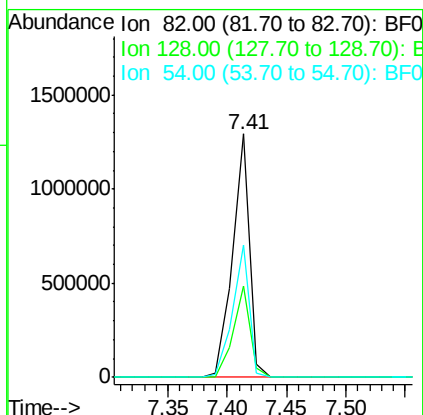
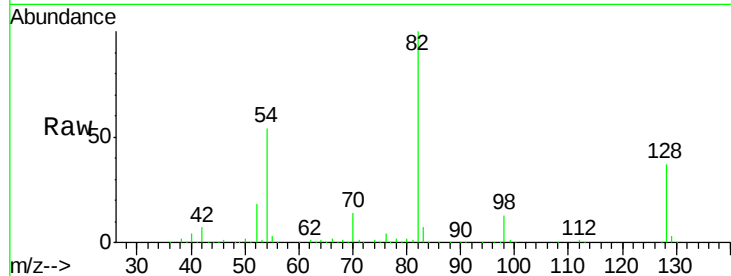




#23
 Nitrobenzene-d5
 Concen: 78.80 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082819.D
 Acq: 8 Nov 2015 3:33

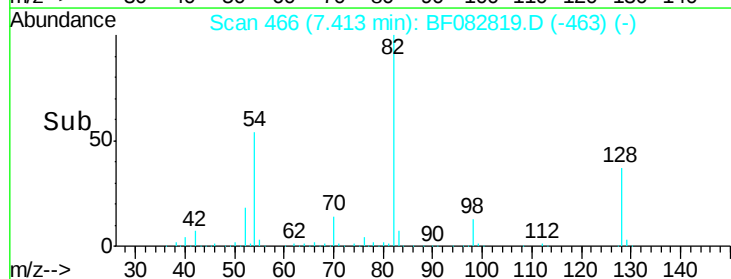
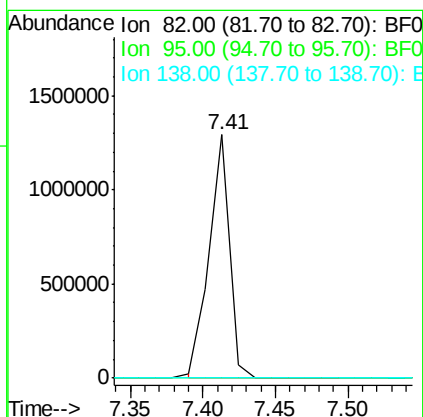
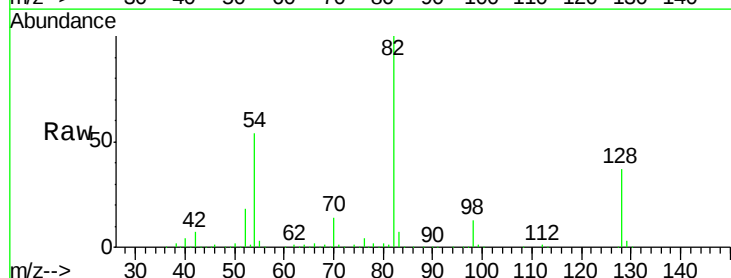
Instrument :
 BNA_F
 ClientSampleId :
 DRUM1-31COMPOSITE

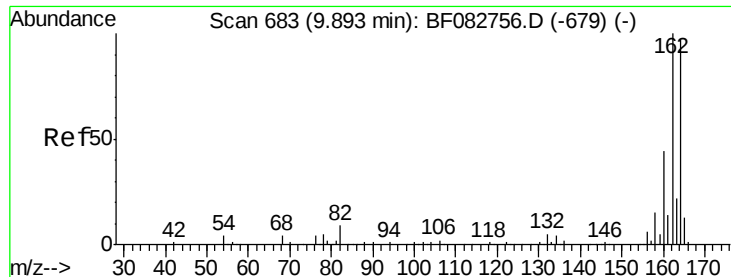
Tgt Ion: 82 Resp: 1276851
 Ion Ratio Lower Upper
 82 100
 128 37.3 26.8 40.2
 54 54.4 45.7 68.5



#25
 Isophorone
 Concen: 41.97 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.26 min
 Lab File: BF082819.D
 Acq: 8 Nov 2015 3:33

Tgt Ion: 82 Resp: 1258321
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082819.D

Acq: 8 Nov 2015 3:33

Instrument :

BNA_F

ClientSampleId :

DRUM1-31COMPOSITE

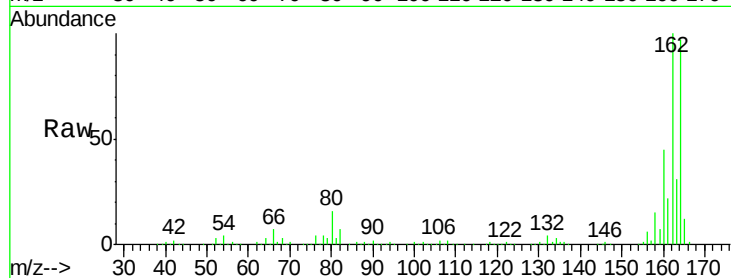
Tgt Ion:164 Resp: 361457

Ion Ratio Lower Upper

164 100

162 103.4 84.9 127.3

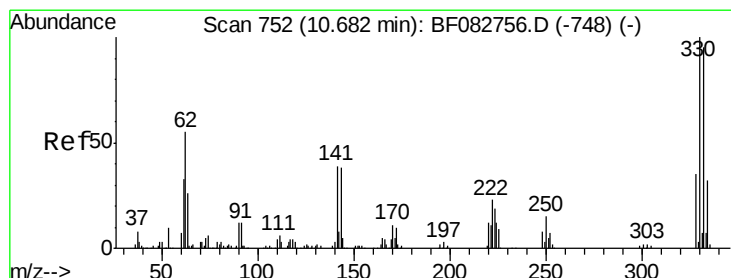
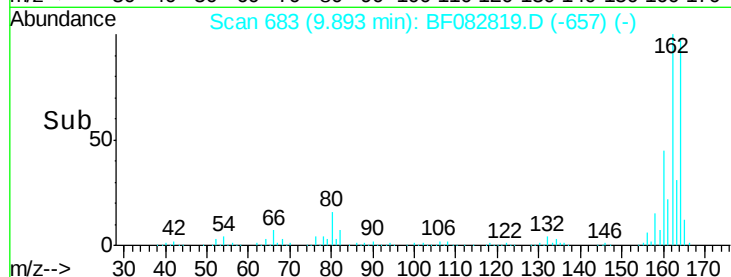
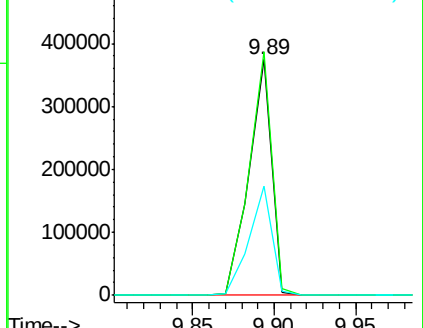
160 46.3 37.5 56.3



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: 102.83 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF082819.D

Acq: 8 Nov 2015 3:33

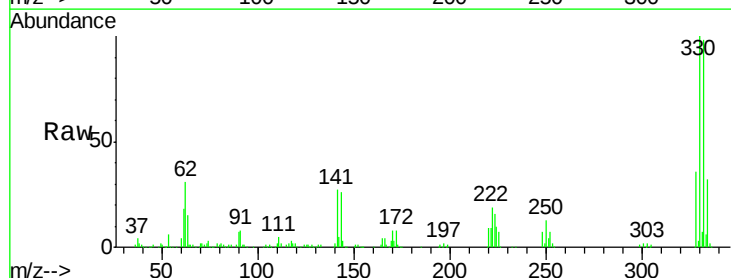
Tgt Ion:330 Resp: 426168

Ion Ratio Lower Upper

330 100

332 97.3 76.6 114.8

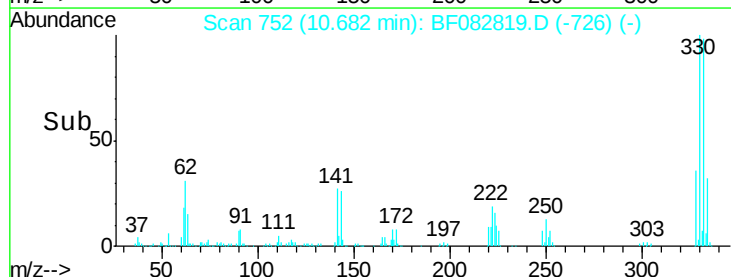
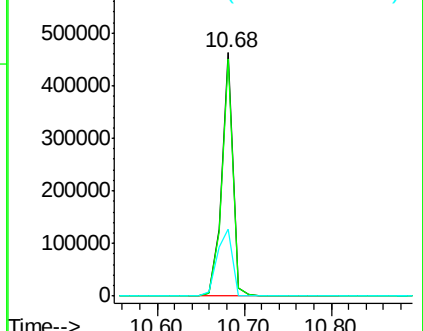
141 37.3 41.2 61.8#

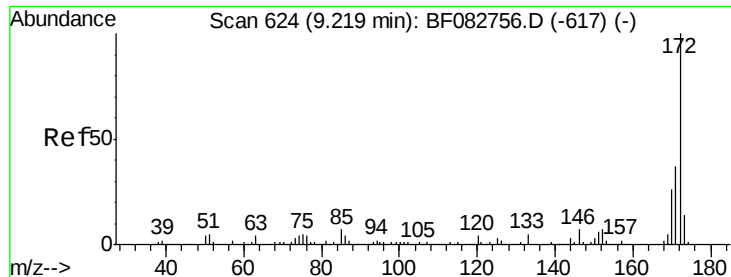


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

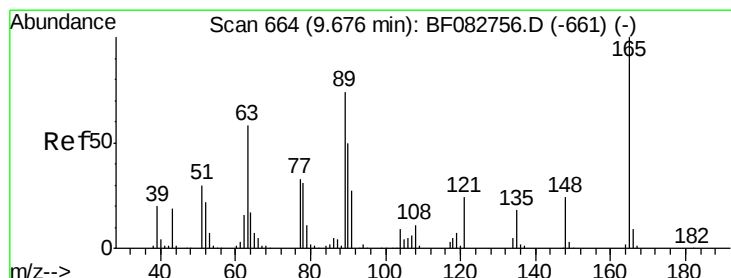
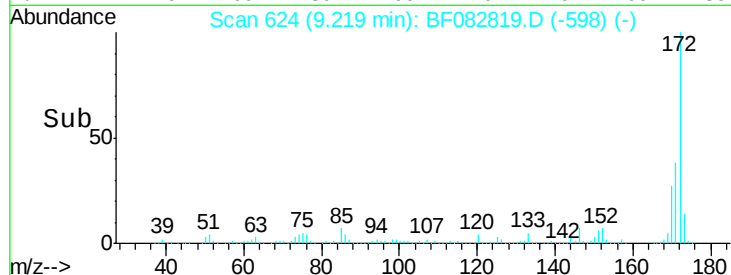
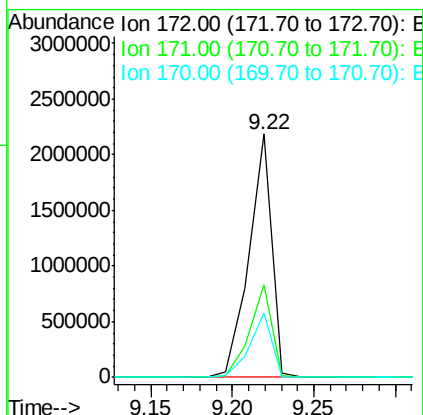
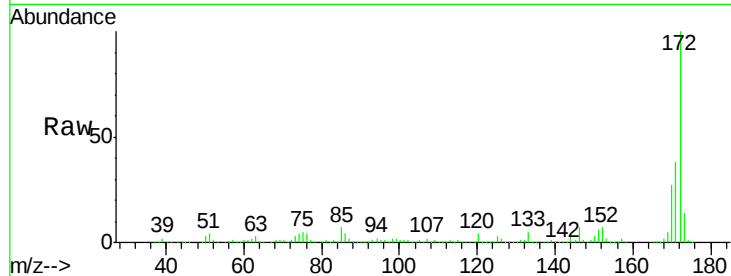




#44
 2-Fluorobiphenyl
 Concen: 83.81 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082819.D
 Acq: 8 Nov 2015 3:33

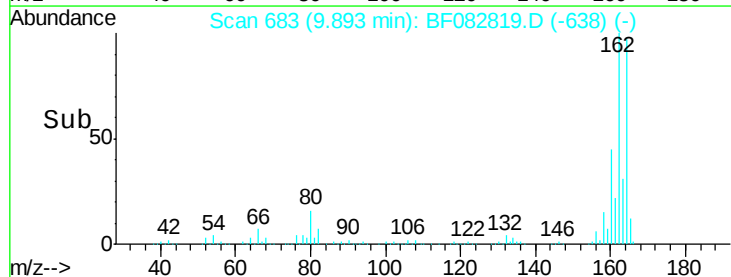
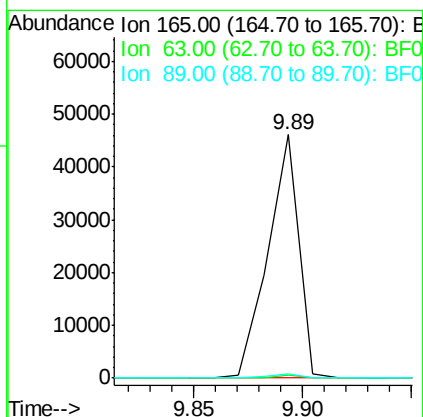
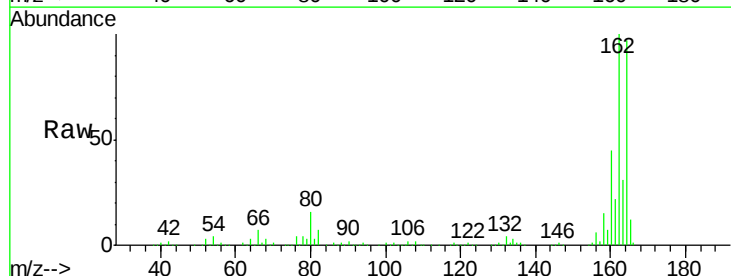
Instrument :
 BNA_F
 ClientSampleId :
 DRUM1-31COMPOSITE

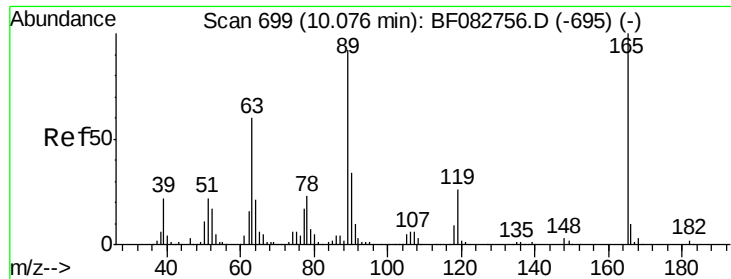
Tgt Ion:172 Resp: 2113552
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.8 46.2
 170 26.6 21.2 31.8



#50
 2,6-Dinitrotoluene
 Concen: 7.26 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.22 min
 Lab File: BF082819.D
 Acq: 8 Nov 2015 3:33

Tgt Ion:165 Resp: 45895
 Ion Ratio Lower Upper
 165 100
 63 1.1 55.5 83.3#
 89 1.8 55.0 82.6#

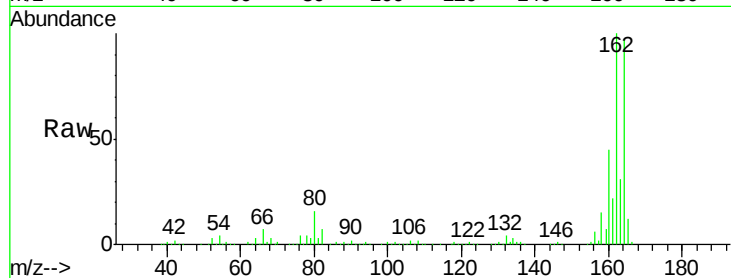




#56
 2,4-Dinitrotoluene
 Concen: 5.35 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.18 min
 Lab File: BF082819.D
 Acq: 8 Nov 2015 3:33

Instrument :
 BNA_F
 ClientSampleId :
 DRUM1-31COMPOSITE

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	43.4	65.0#
89	1.8	70.6	106.0#
182	0.0	1.5	2.3#

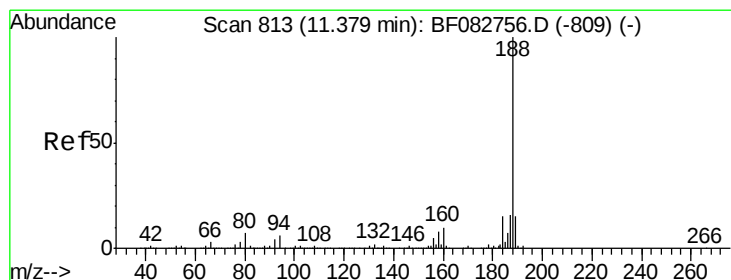
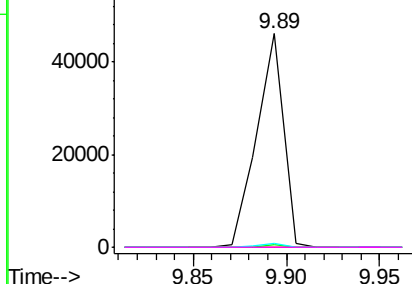
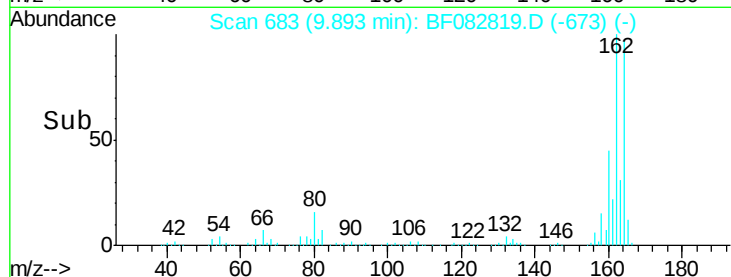


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

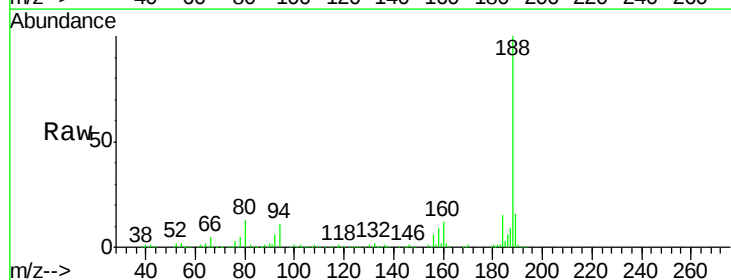
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF082819.D
 Acq: 8 Nov 2015 3:33

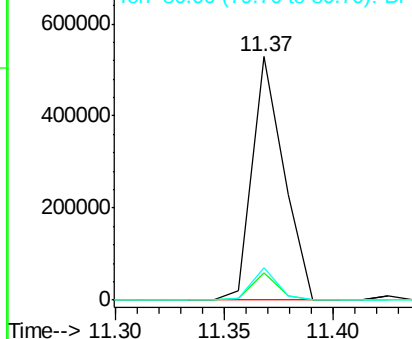
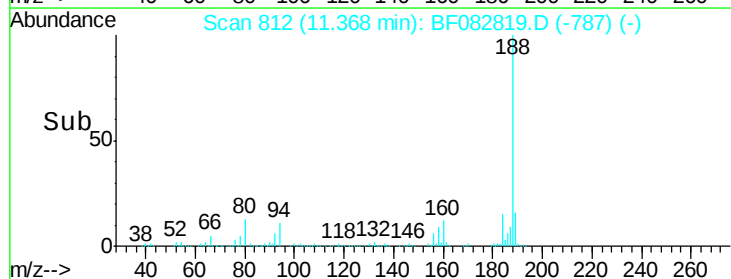
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	6.1	9.1#
80	13.3	7.0	10.6#

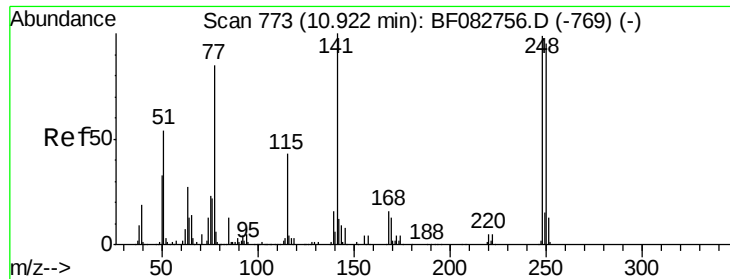


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

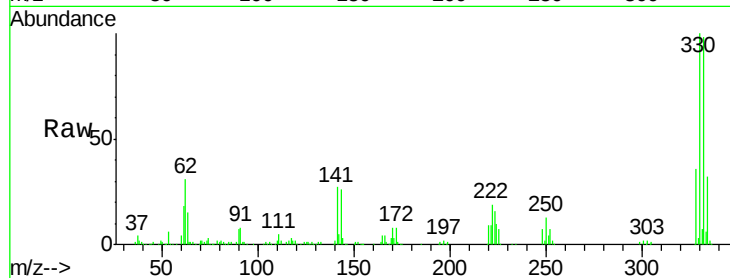




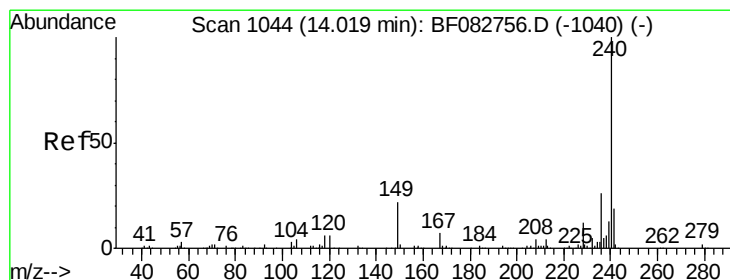
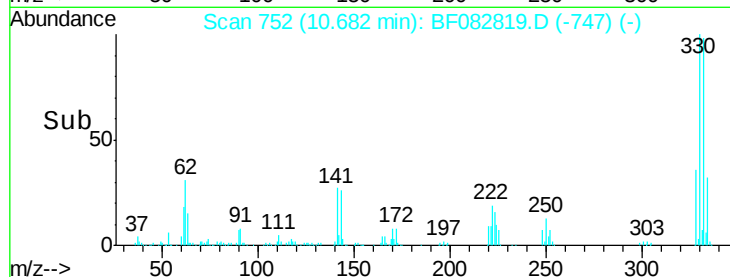
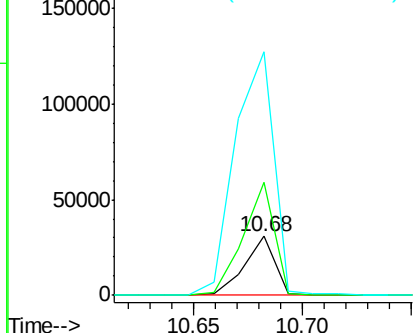
#66
4-Bromophenyl-phenylether
Concen: 4.60 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.24 min
Lab File: BF082819.D
Acq: 8 Nov 2015 3:33

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITE

Tgt Ion:248 Resp: 29731
Ion Ratio Lower Upper
248 100
250 193.2 79.4 119.2#
141 414.6 36.3 54.5#

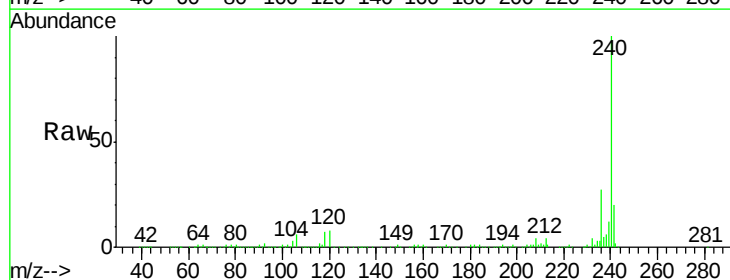


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

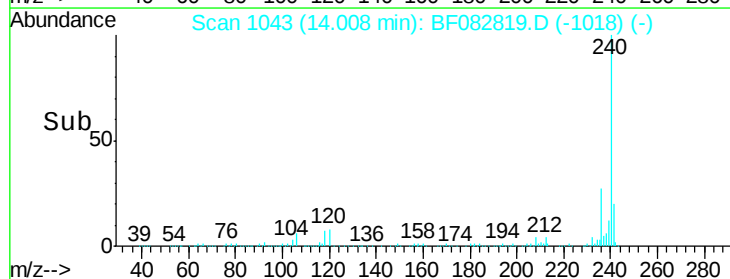
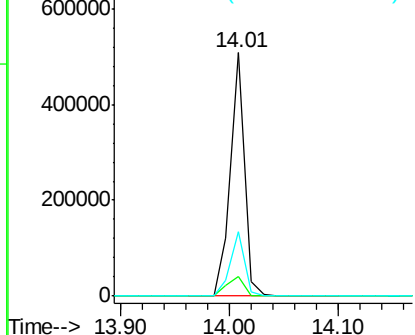


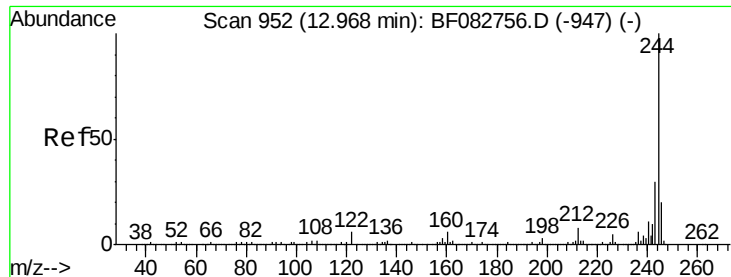
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082819.D
Acq: 8 Nov 2015 3:33

Tgt Ion:240 Resp: 456750
Ion Ratio Lower Upper
240 100
120 7.9 10.9 16.3#
236 26.6 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: 84.06 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF082819.D

Acq: 8 Nov 2015 3:33

Instrument :

BNA_F

ClientSampleId :

DRUM1-31COMPOSITE

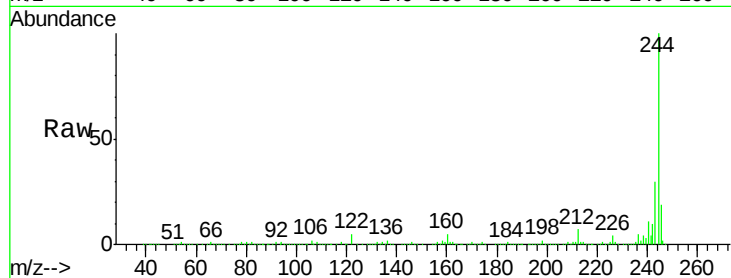
Tgt Ion:244 Resp: 1618714

Ion Ratio Lower Upper

244 100

212 6.8 7.6 11.4#

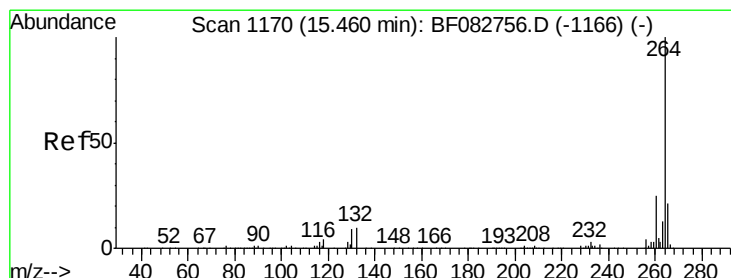
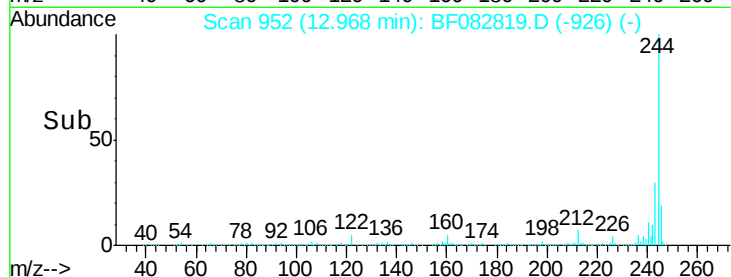
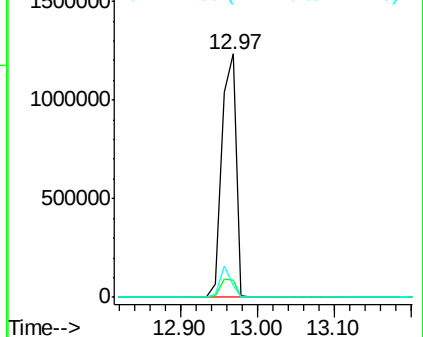
122 5.0 11.3 16.9#



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: 15.44 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF082819.D

Acq: 8 Nov 2015 3:33

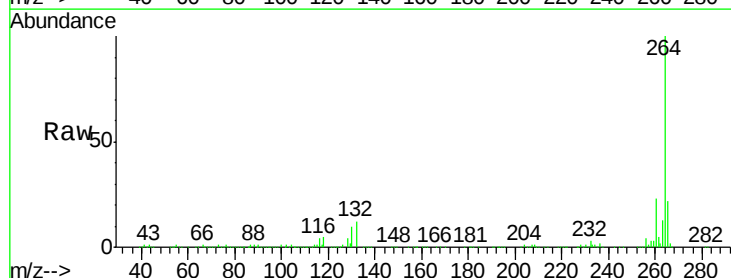
Tgt Ion:264 Resp: 434732

Ion Ratio Lower Upper

264 100

260 22.9 19.8 29.6

265 21.8 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

