

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082716.D
 Acq On : 4 Nov 2015 22:37
 Operator : UM/IZ
 Sample : G4261-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2WS

Quant Time: Nov 04 23:25:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

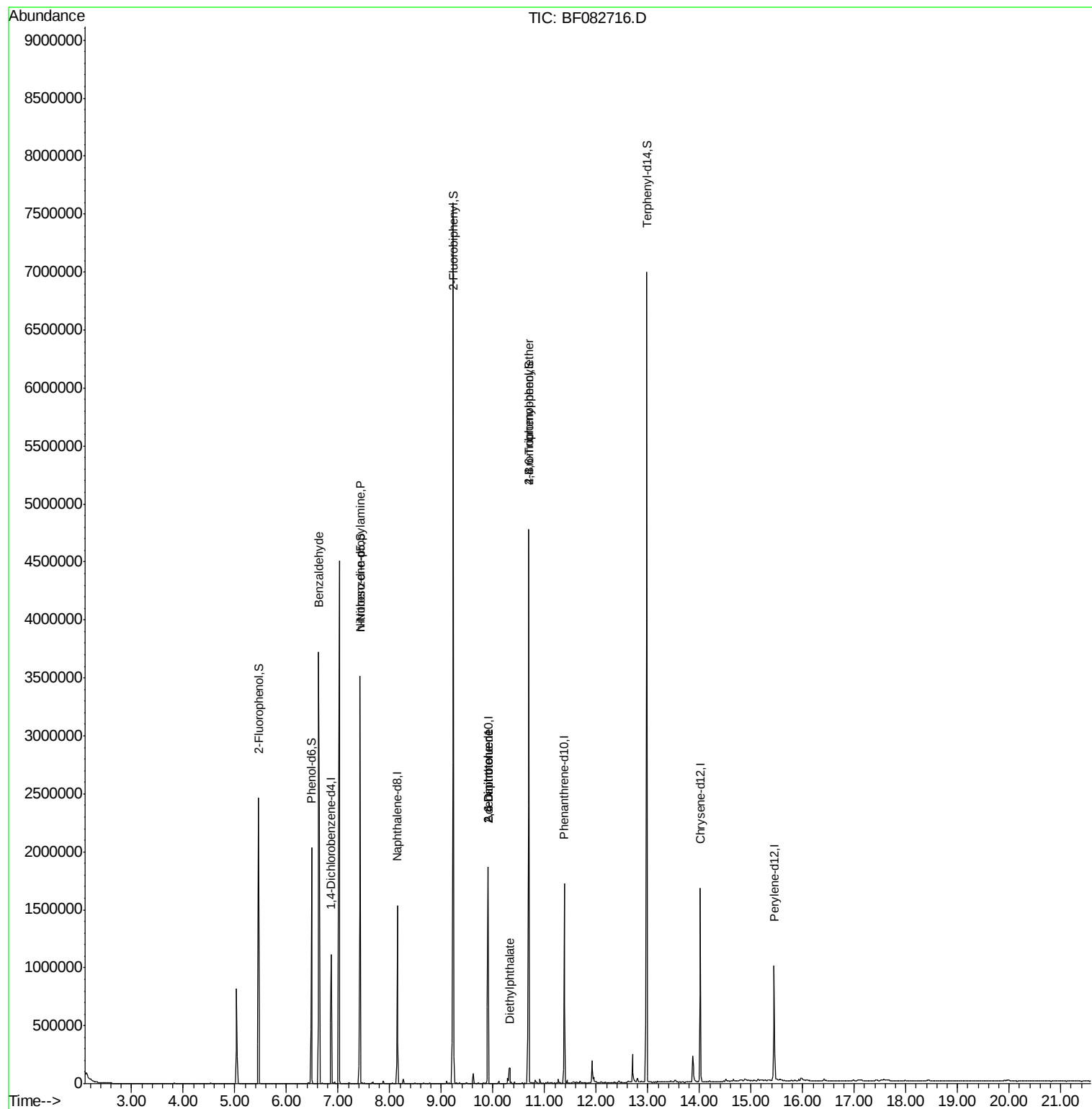
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	182210	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	662943	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	389517	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	673106	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	644733	20.00	ng	-0.03
86) Perylene-d12	15.45	264	467714	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	610976	50.50	ng	-0.01
7) Phenol-d6	6.49	99	600022	37.33	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1294050	79.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	604794	141.87	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	2308250	84.14	ng	-0.02
78) Terphenyl-d14	12.98	244	2538103	86.15	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.62	77	33514	3.05	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.42	70	184797	15.17	ng	# 69
50) 2,6-Dinitrotoluene	9.90	165	52600	7.98	ng	# 17
56) 2,4-Dinitrotoluene	9.90	165	52602	5.90	ng	# 15
59) Diethylphthalate	10.33	149	80726	2.49	ng	98
66) 4-Bromophenyl-phenylether	10.69	248	42570	5.58	ng	# 1

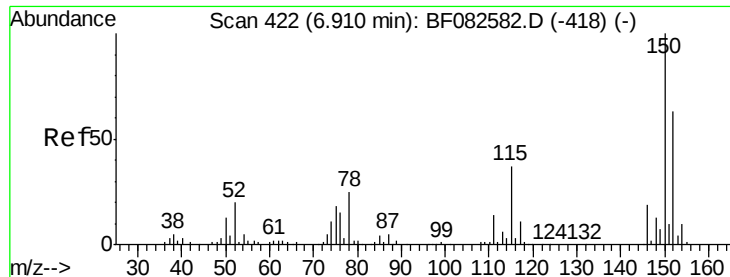
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082716.D

Acq: 4 Nov 2015 22:37

Instrument :

BNA_F

ClientSampleId :

SB-2WS

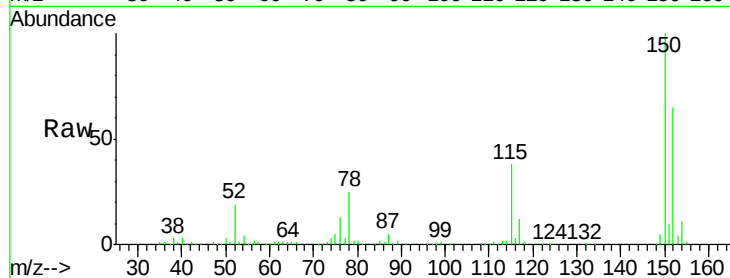
Tgt Ion:152 Resp: 182210

Ion Ratio Lower Upper

152 100

150 154.9 127.0 190.4

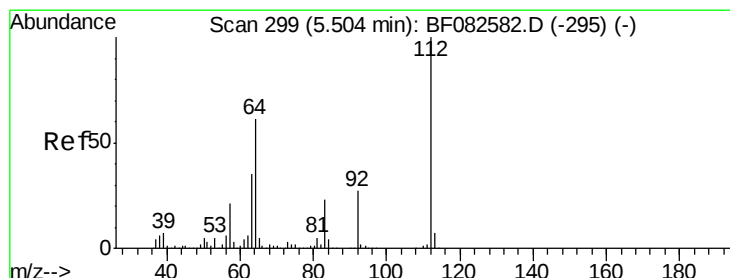
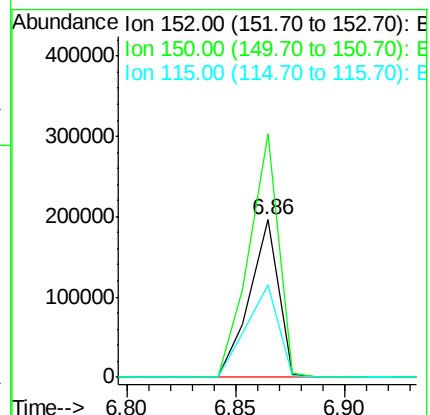
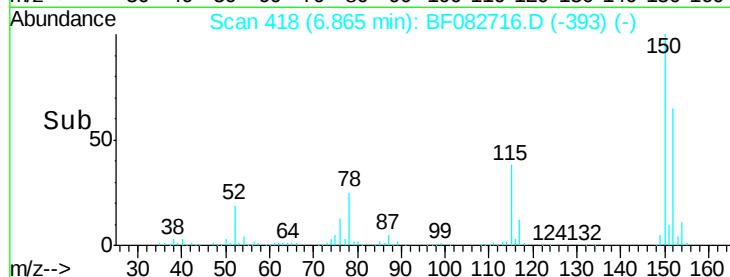
115 58.6 47.0 70.6



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: 50.50 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.01 min

Lab File: BF082716.D

Acq: 4 Nov 2015 22:37

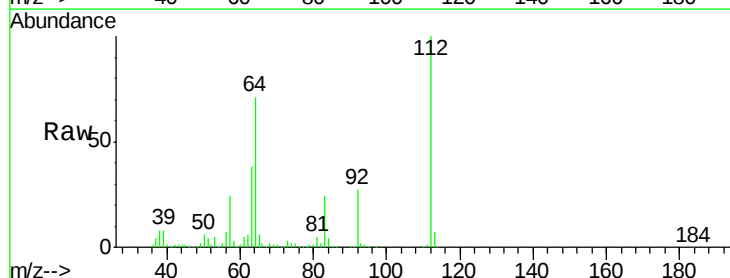
Tgt Ion:112 Resp: 610976

Ion Ratio Lower Upper

112 100

64 71.4 48.9 73.3

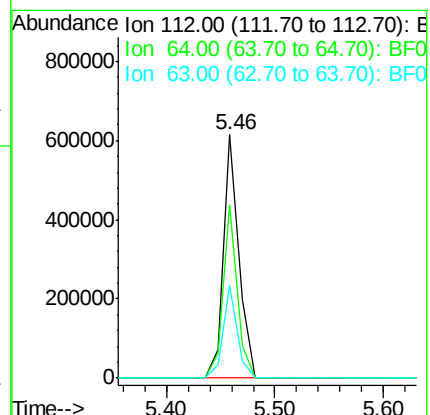
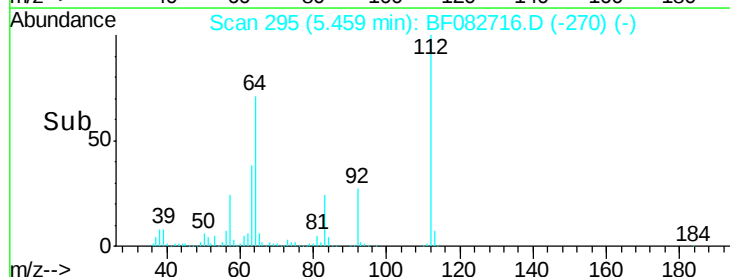
63 38.2 28.1 42.1

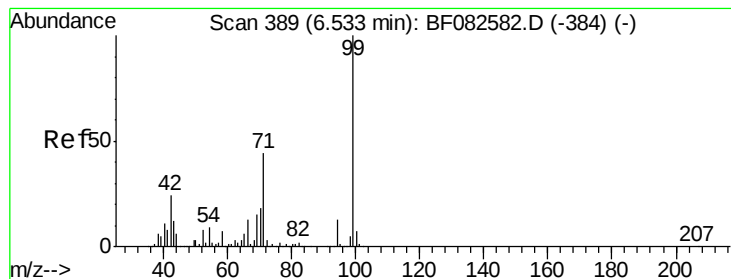


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.33 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF082716.D

Acq: 4 Nov 2015 22:37

Instrument :

BNA_F

ClientSampleId :

SB-2WS

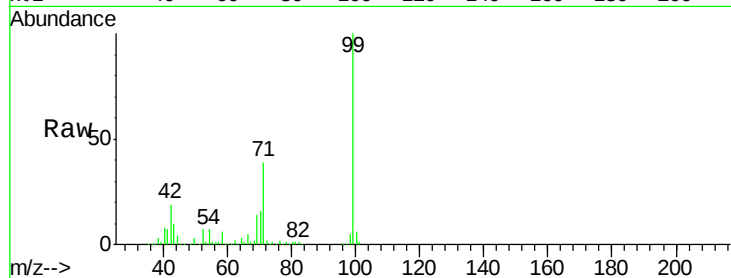
Tgt Ion: 99 Resp: 600022

Ion Ratio Lower Upper

99 100

42 19.4 19.2 28.8

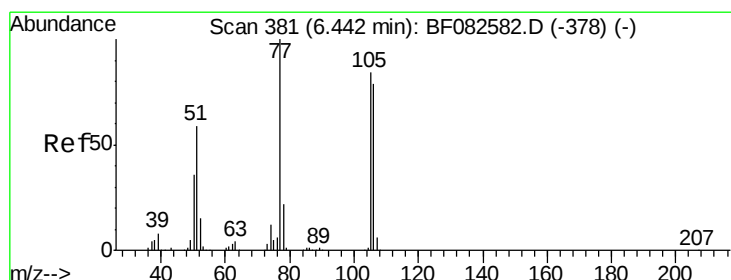
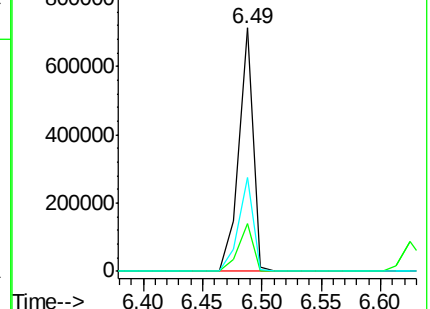
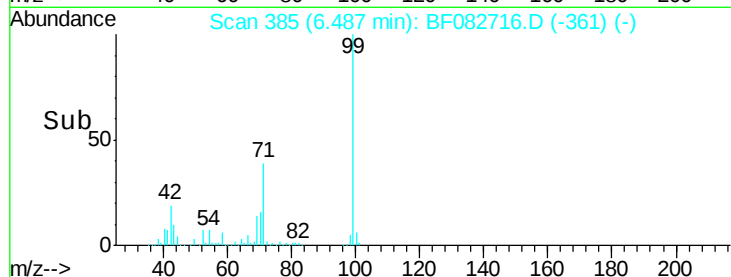
71 38.7 35.0 52.4



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: 3.05 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.21 min

Lab File: BF082716.D

Acq: 4 Nov 2015 22:37

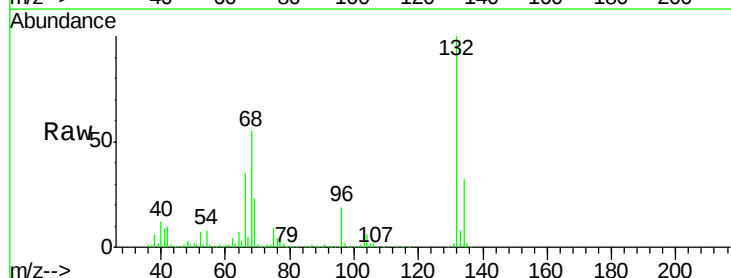
Tgt Ion: 77 Resp: 33514

Ion Ratio Lower Upper

77 100

105 70.7 63.5 103.5

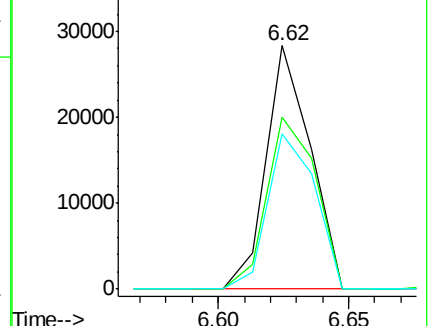
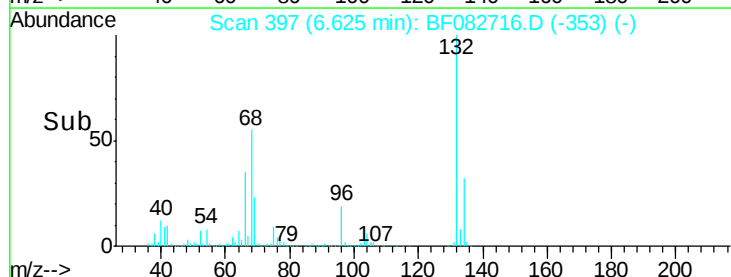
106 63.6 59.3 99.3

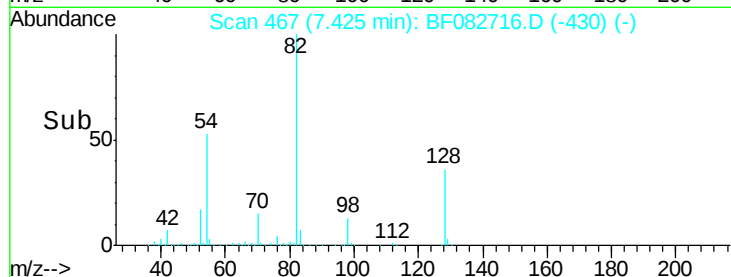
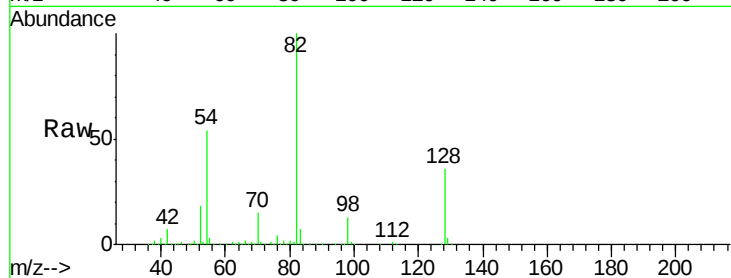
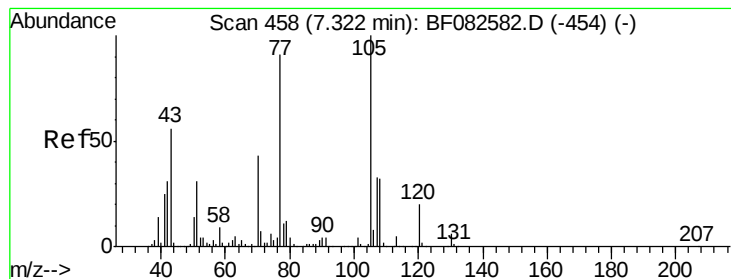


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 15.17 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082716.D

Acq: 4 Nov 2015 22:37

Instrument :

BNA_F

ClientSampleId :

SB-2WS

Tgt Ion: 70 Resp: 184797

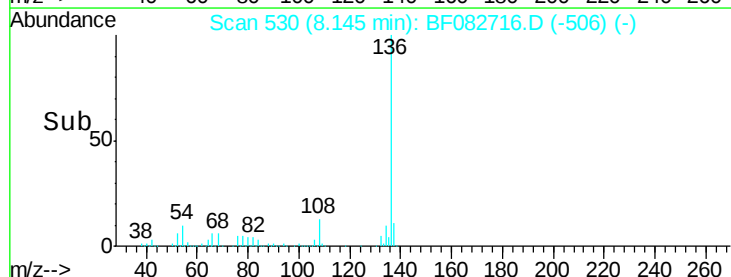
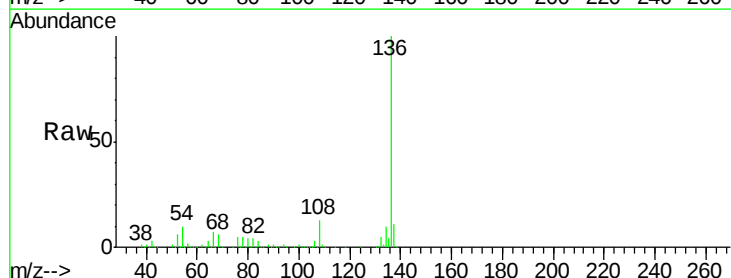
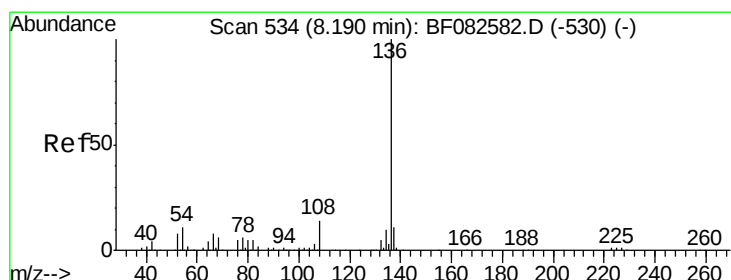
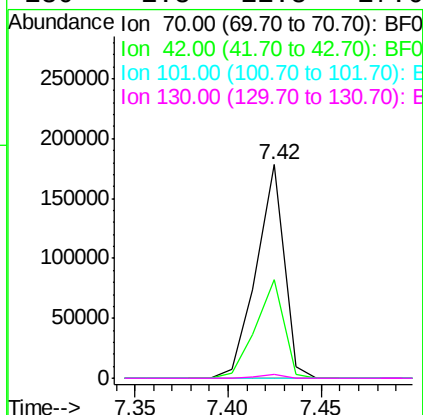
Ion Ratio Lower Upper

70 100

42 46.0 57.7 86.5#

101 0.0 7.0 10.6#

130 1.8 11.8 17.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF082716.D

Acq: 4 Nov 2015 22:37

Tgt Ion: 136 Resp: 662943

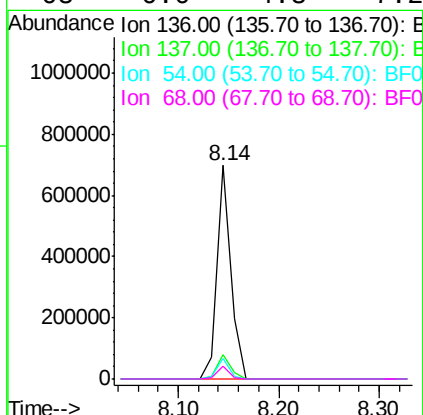
Ion Ratio Lower Upper

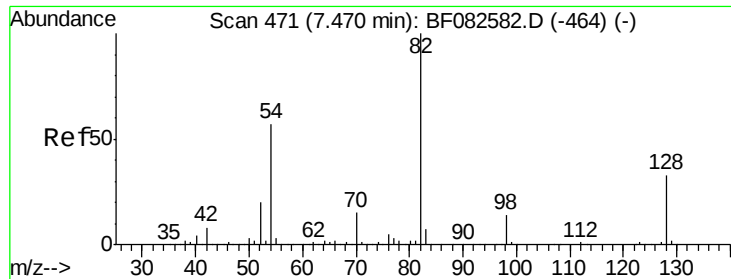
136 100

137 11.4 9.1 13.7

54 9.7 9.1 13.7

68 6.0 4.8 7.2

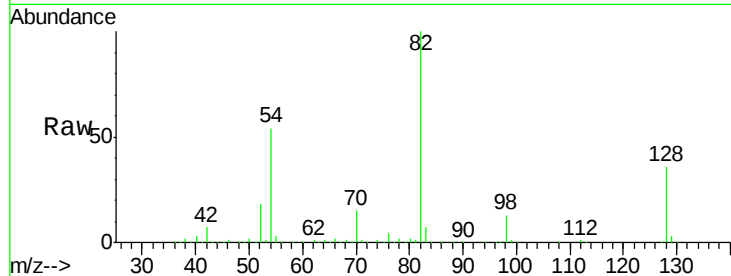




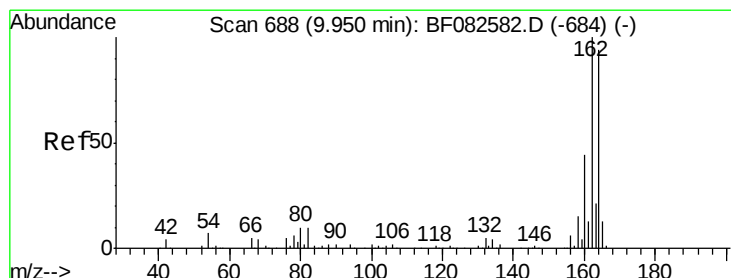
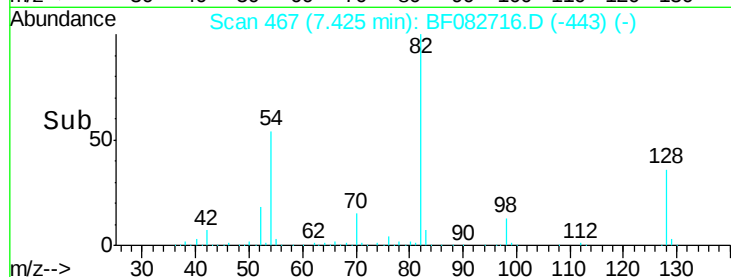
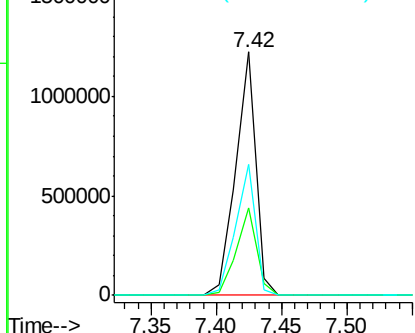
#23
 Nitrobenzene-d5
 Concen: 79.71 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082716.D
 Acq: 4 Nov 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-2WS

Tgt Ion: 82 Resp: 1294050
 Ion Ratio Lower Upper
 82 100
 128 36.1 26.8 40.2
 54 53.6 45.7 68.5

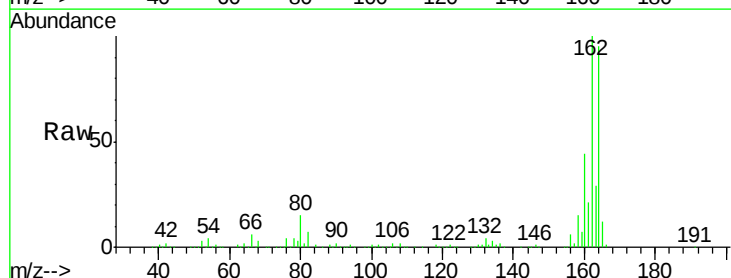


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

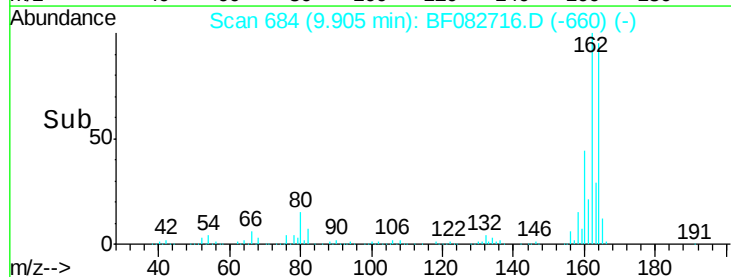
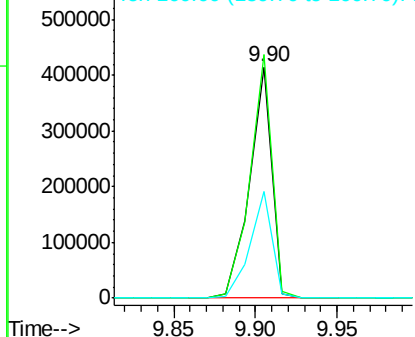


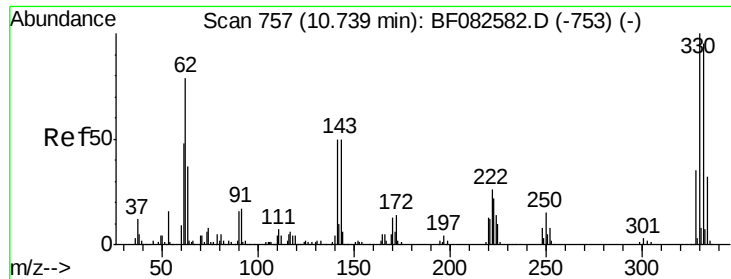
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082716.D
 Acq: 4 Nov 2015 22:37

Tgt Ion: 164 Resp: 389517
 Ion Ratio Lower Upper
 164 100
 162 105.4 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

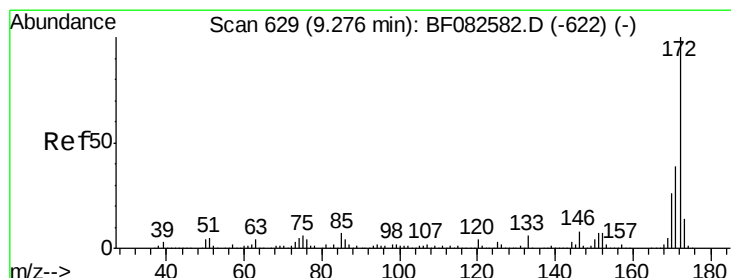
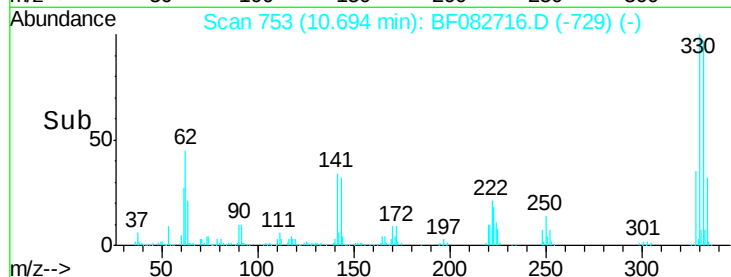
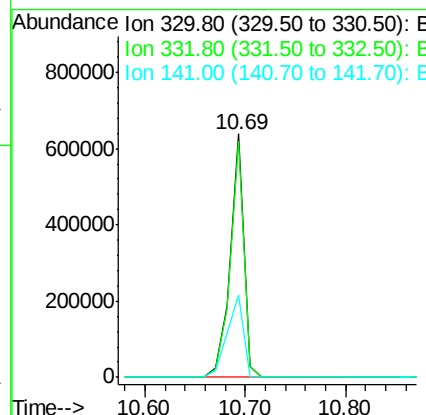
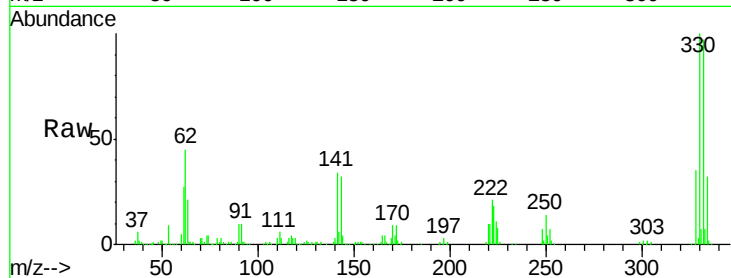




#41
 2,4,6-Tribromophenol
 Concen: 141.87 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082716.D
 Acq: 4 Nov 2015 22:37

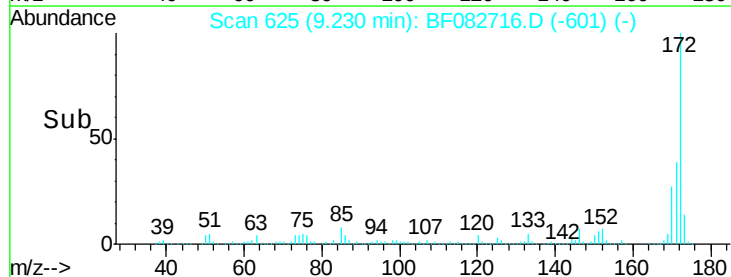
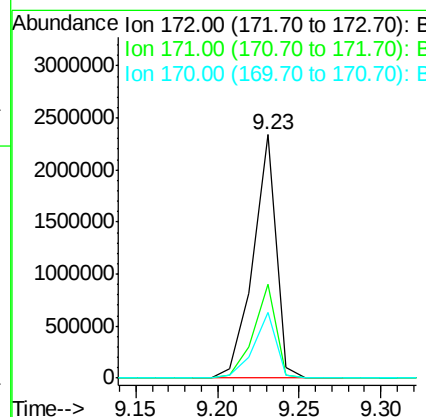
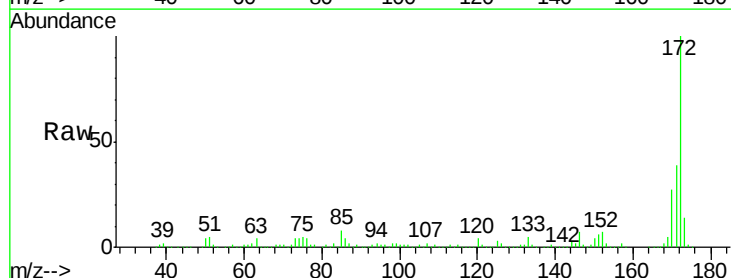
Instrument :
 BNA_F
 ClientSampleId :
 SB-2WS

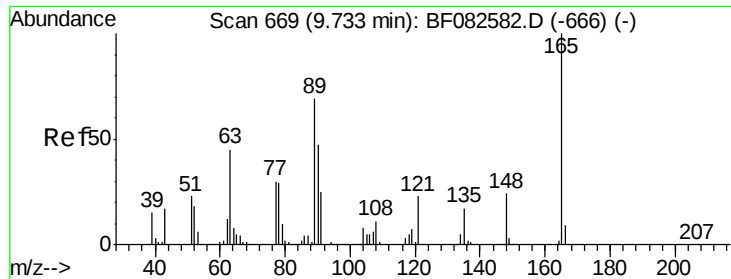
Tgt Ion:330 Resp: 604794
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 40.1 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 84.14 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082716.D
 Acq: 4 Nov 2015 22:37

Tgt Ion:172 Resp: 2308250
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.8 46.2
 170 26.8 21.2 31.8

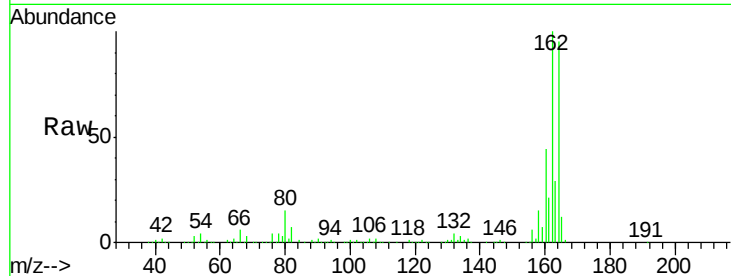




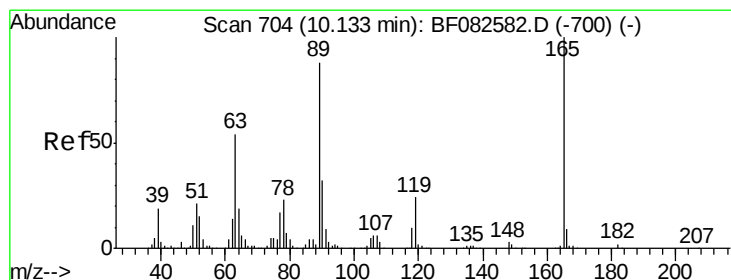
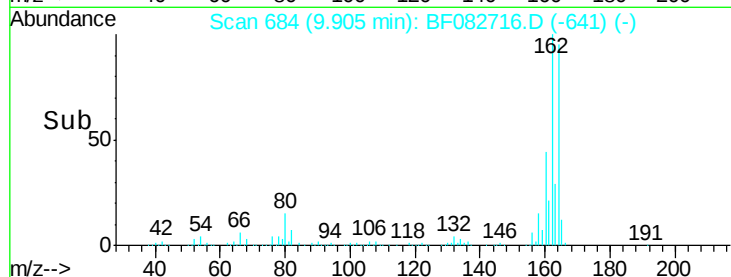
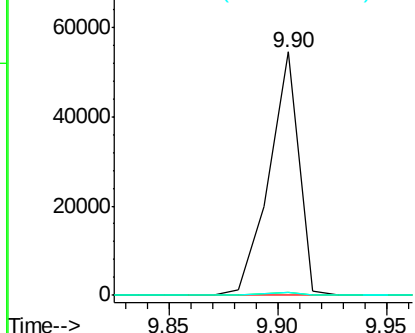
#50
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.19 min
Lab File: BF082716.D
Acq: 4 Nov 2015 22:37

Instrument :
BNA_F
ClientSampleId :
SB-2WS

Tgt Ion:165 Resp: 52600
Ion Ratio Lower Upper
165 100
63 1.3 55.5 83.3#
89 1.2 55.0 82.6#

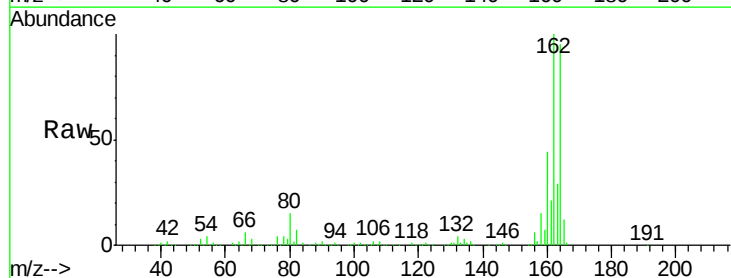


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

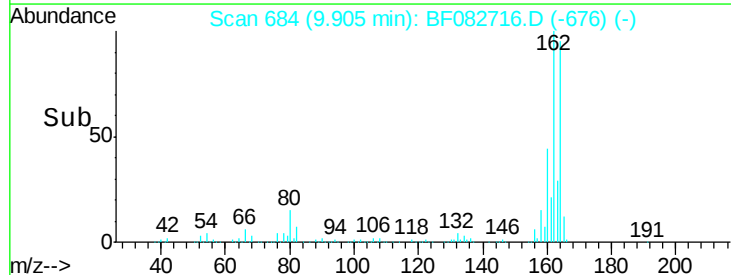
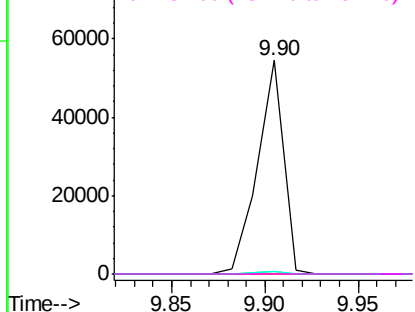


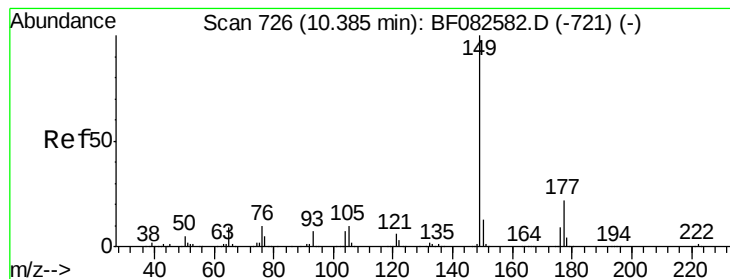
#56
2,4-Dinitrotoluene
Concen: 5.90 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.21 min
Lab File: BF082716.D
Acq: 4 Nov 2015 22:37

Tgt Ion:165 Resp: 52602
Ion Ratio Lower Upper
165 100
63 1.3 43.4 65.0#
89 1.2 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





#59

Diethylphthalate

Concen: 2.49 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF082716.D

Acq: 4 Nov 2015 22:37

Instrument :

BNA_F

ClientSampleId :

SB-2WS

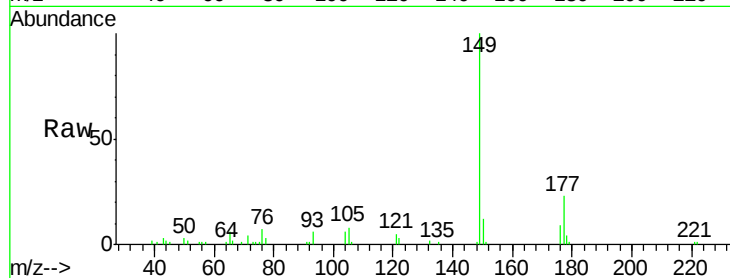
Tgt Ion:149 Resp: 80726

Ion Ratio Lower Upper

149 100

177 23.3 17.9 26.9

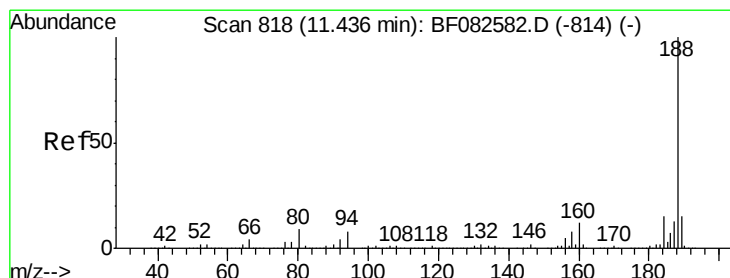
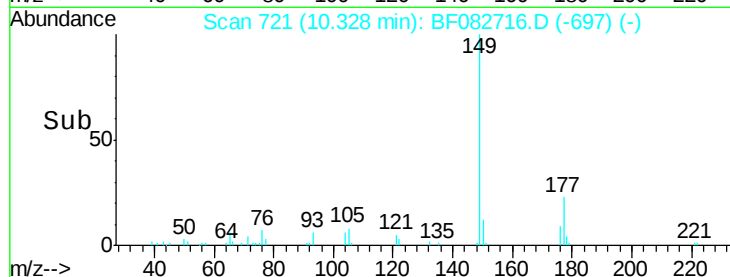
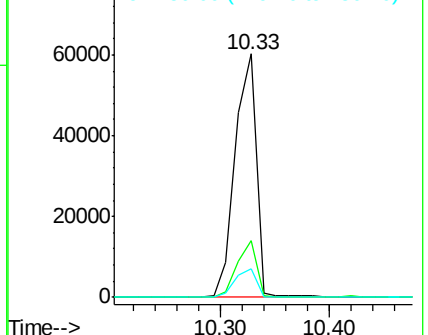
150 11.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF082716.D

Acq: 4 Nov 2015 22:37

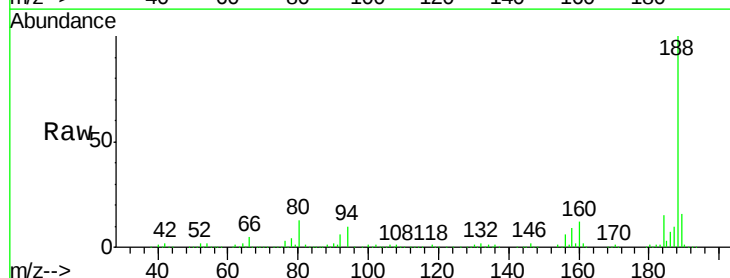
Tgt Ion:188 Resp: 673106

Ion Ratio Lower Upper

188 100

94 10.5 6.1 9.1#

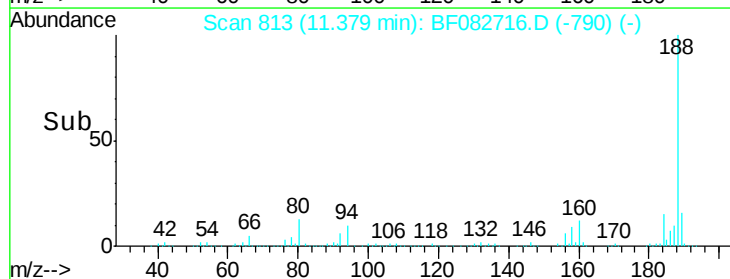
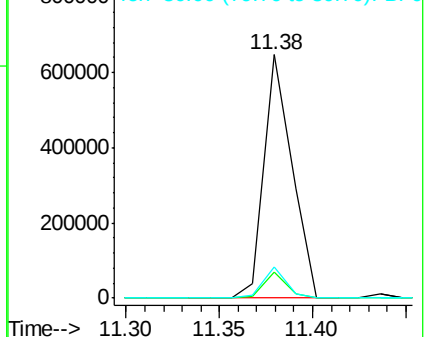
80 12.9 7.0 10.6#

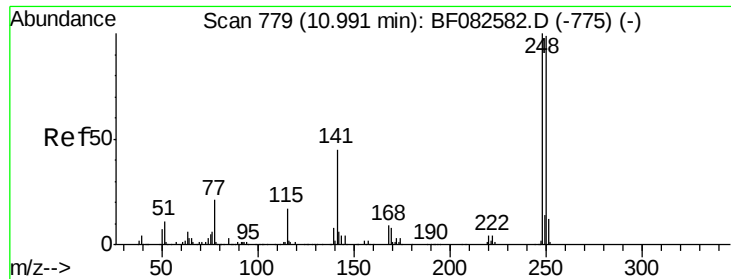


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

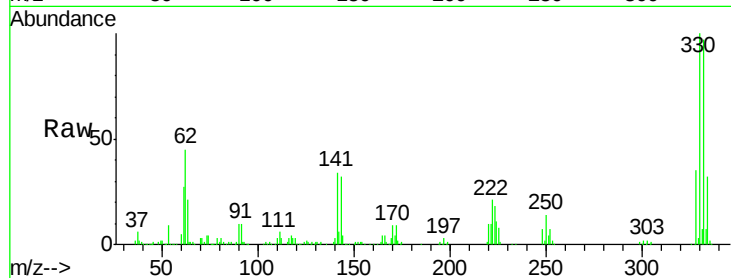




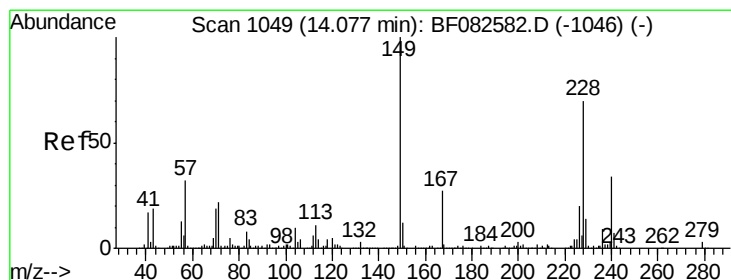
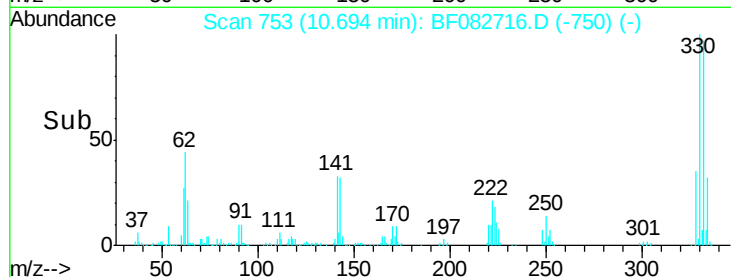
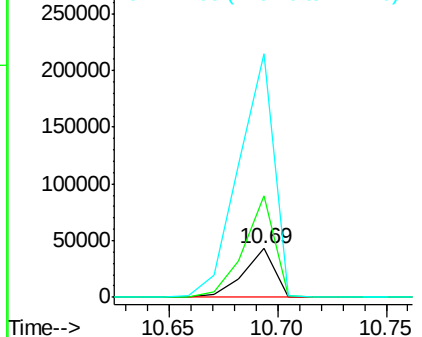
#66
 4-Bromophenyl-phenylether
 Concen: 5.58 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.26 min
 Lab File: BF082716.D
 Acq: 4 Nov 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-2WS

Tgt Ion:248 Resp: 42570
 Ion Ratio Lower Upper
 248 100
 250 208.5 79.4 119.2#
 141 498.2 36.3 54.5#

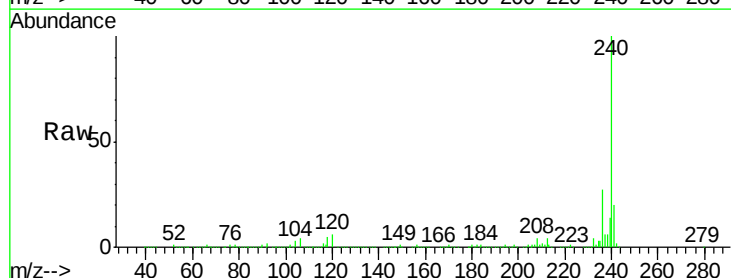


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

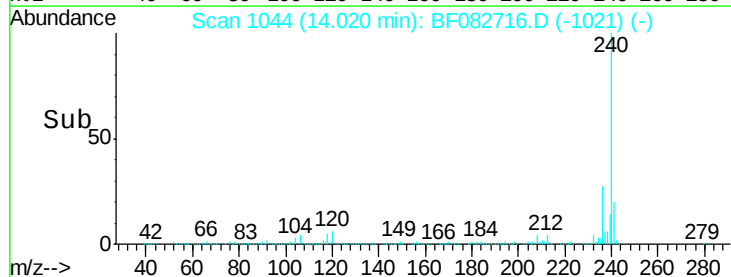
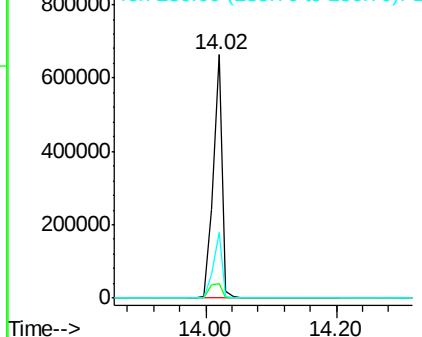


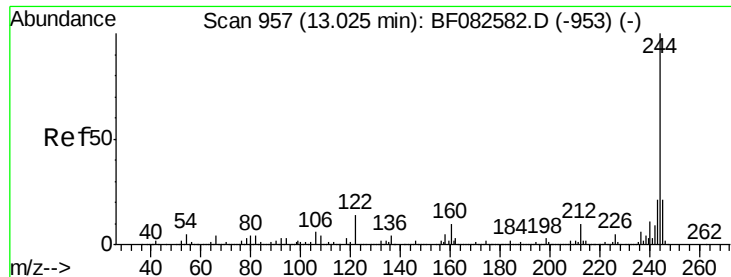
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BF082716.D
 Acq: 4 Nov 2015 22:37

Tgt Ion:240 Resp: 644733
 Ion Ratio Lower Upper
 240 100
 120 5.9 10.9 16.3#
 236 26.9 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: 86.15 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082716.D

Acq: 4 Nov 2015 22:37

Instrument :

BNA_F

ClientSampleId :

SB-2WS

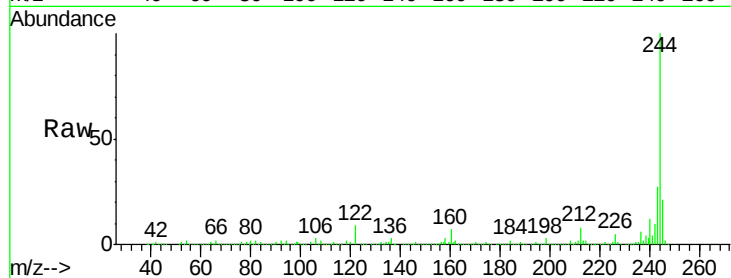
Tgt Ion:244 Resp: 2538103

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

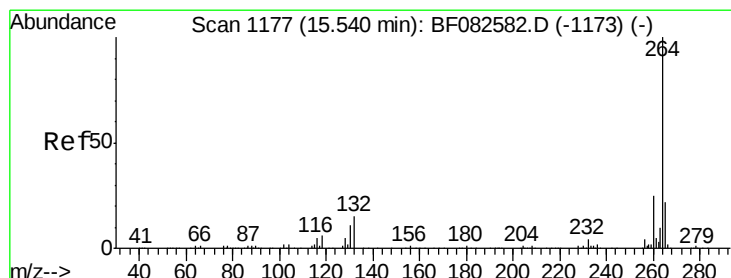
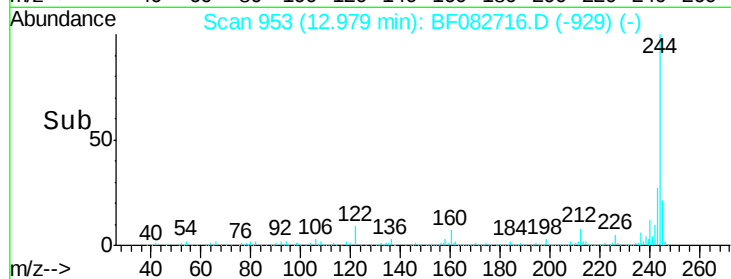
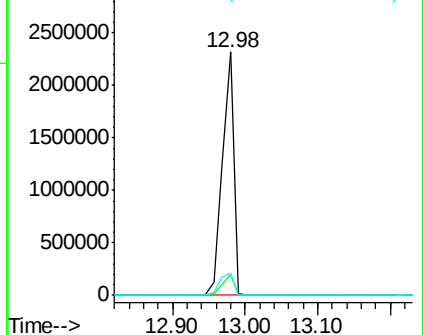
122 8.9 11.3 16.9#



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: 15.45 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BF082716.D

Acq: 4 Nov 2015 22:37

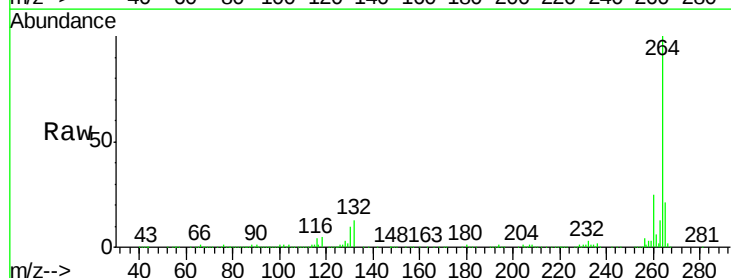
Tgt Ion:264 Resp: 467714

Ion Ratio Lower Upper

264 100

260 25.1 19.8 29.6

265 21.4 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

