

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
 Data File : BF080295.D
 Acq On : 2 Jul 2015 4:22
 Operator : TP/UM
 Sample : G2853-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KBD-AS-EFF-GW

Quant Time: Jul 02 08:12:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 03:50:52 2015
 Response via : Initial Calibration

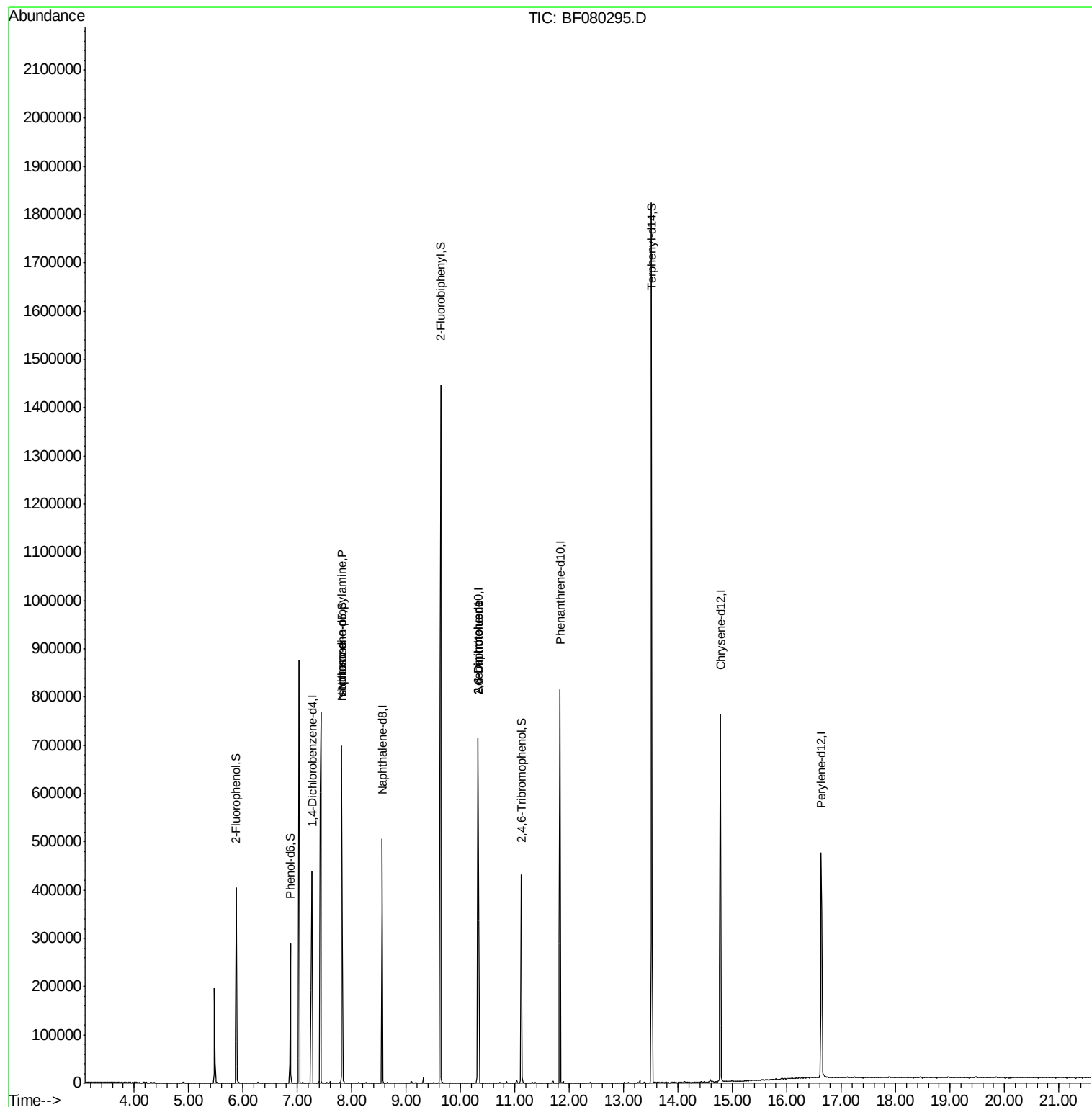
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	76208	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	294363	20.00	ng	0.00
38) Acenaphthene-d10	10.32	164	157040	20.00	ng	0.00
63) Phenanthrene-d10	11.83	188	320181	20.00	ng	0.00
75) Chrysene-d12	14.78	240	304840	20.00	ng	0.03
86) Perylene-d12	16.63	264	279778	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.88	112	107444	24.42	ng	0.00
7) Phenol-d6	6.87	99	91422	15.48	ng	0.00
23) Nitrobenzene-d5	7.82	82	243398	45.53	ng	0.00
41) 2,4,6-Tribromophenol	11.12	330	72391	48.41	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	568019	52.06	ng	0.00
78) Terphenyl-d14	13.51	244	573986	44.10	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.82	70	31166	7.94	ng	# 81
25) Isophorone	7.82	82	240474	23.14	ng	# 65
50) 2,6-Dinitrotoluene	10.32	165	19522	7.96	ng	# 44
56) 2,4-Dinitrotoluene	10.32	165	19523	6.14	ng	# 20

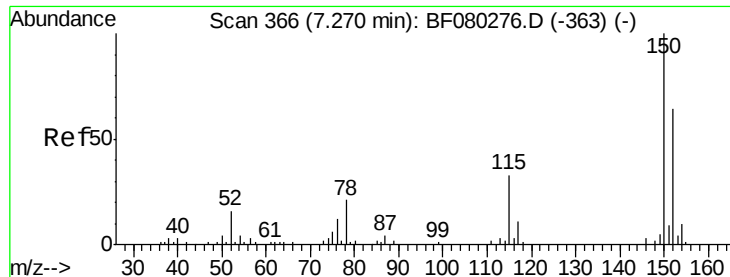
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 02 08:12:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 03:50:52 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF080295.D

Acq: 2 Jul 2015 4:22

Instrument :

BNA_F

ClientSampleId :

KBD-AS-EFF-GW

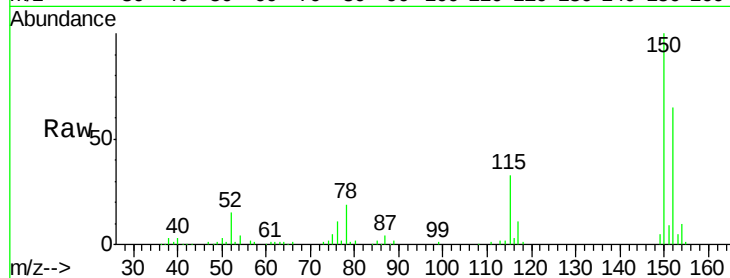
Tgt Ion:152 Resp: 76208

Ion Ratio Lower Upper

152 100

150 154.0 124.7 187.1

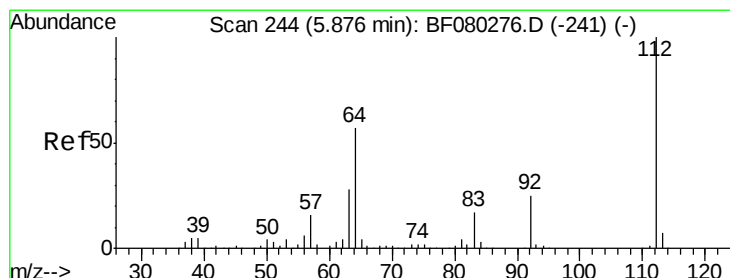
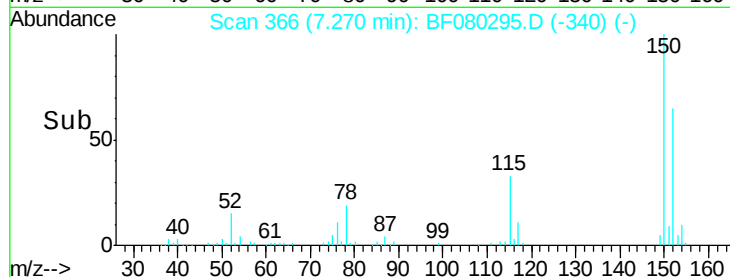
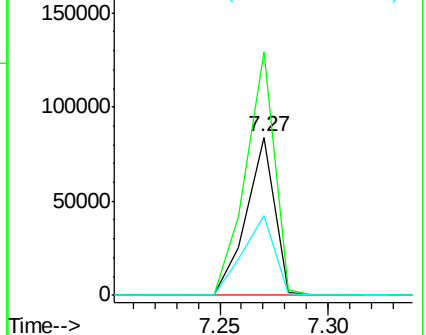
115 50.6 41.0 61.6



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: 24.42 ng

RT: 5.88 min Scan# 244

Delta R.T. -0.00 min

Lab File: BF080295.D

Acq: 2 Jul 2015 4:22

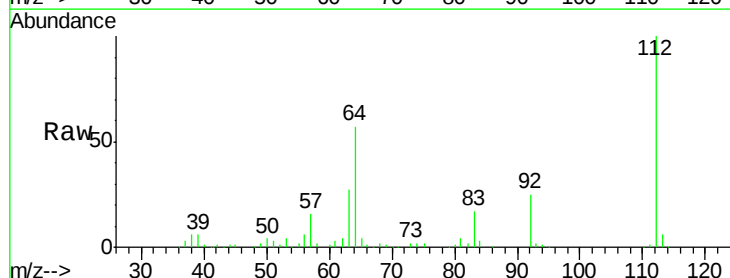
Tgt Ion:112 Resp: 107444

Ion Ratio Lower Upper

112 100

64 57.4 45.5 68.3

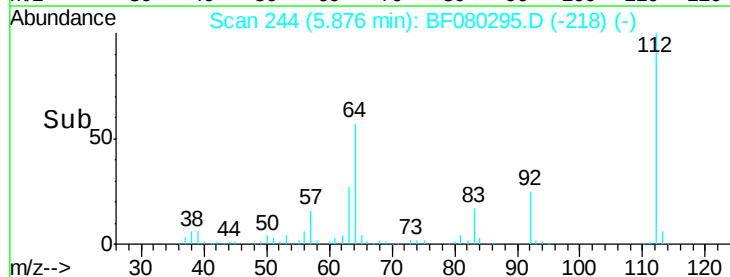
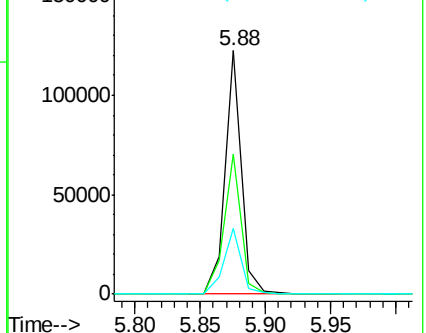
63 27.2 22.4 33.6

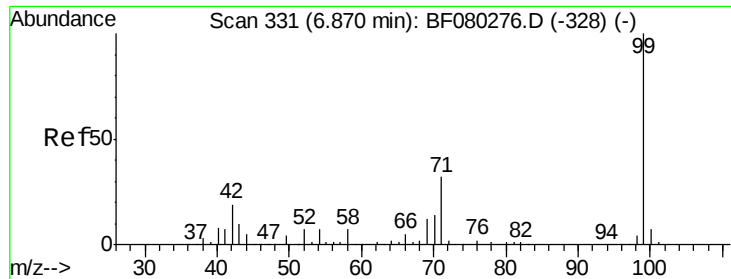


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 15.48 ng

RT: 6.87 min Scan# 331

Delta R.T. -0.00 min

Lab File: BF080295.D

Acq: 2 Jul 2015 4:22

Instrument :

BNA_F

ClientSampleId :

KBD-AS-EFF-GW

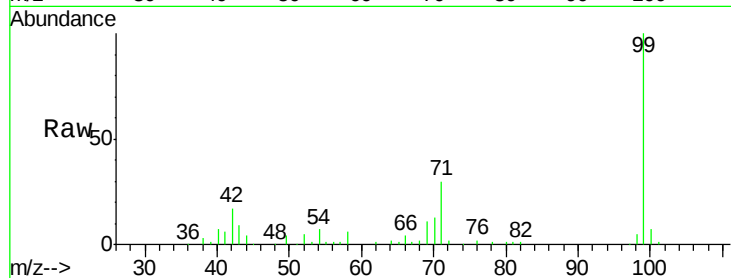
Tgt Ion: 99 Resp: 91422

Ion Ratio Lower Upper

99 100

42 16.6 15.4 23.2

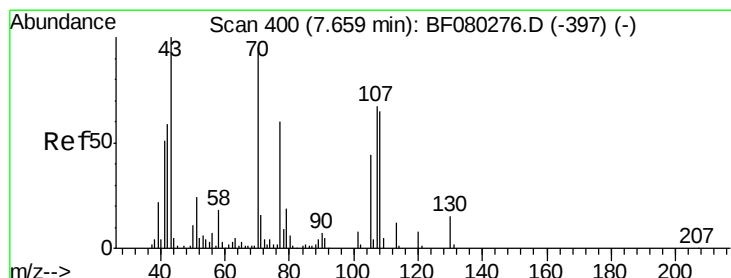
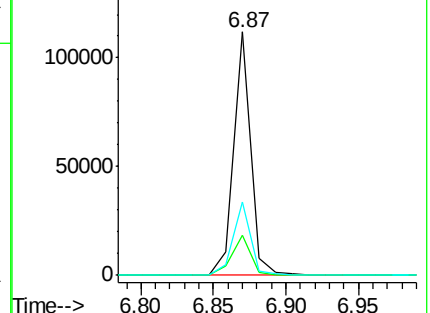
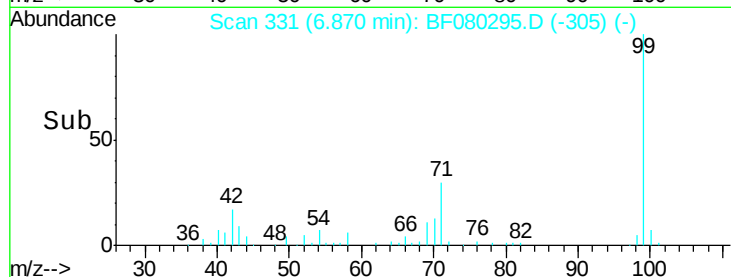
71 30.0 25.8 38.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 7.94 ng

RT: 7.82 min Scan# 414

Delta R.T. 0.16 min

Lab File: BF080295.D

Acq: 2 Jul 2015 4:22

Tgt Ion: 70 Resp: 31166

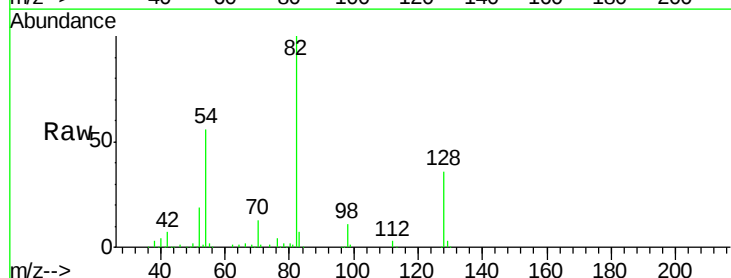
Ion Ratio Lower Upper

70 100

42 51.1 49.8 74.8

101 0.0 6.8 10.2#

130 1.8 13.0 19.4#

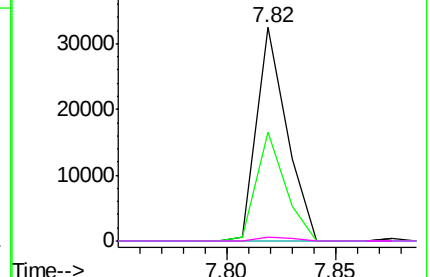
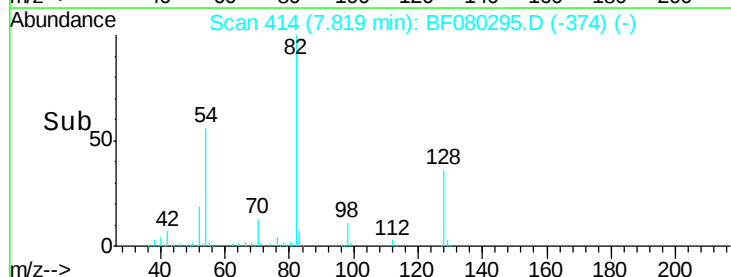


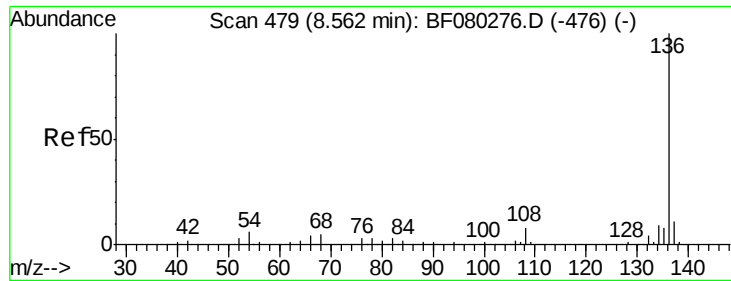
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

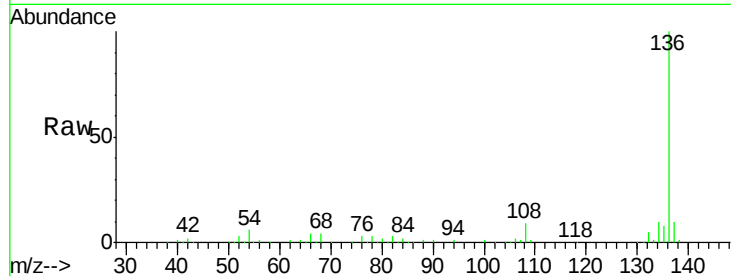




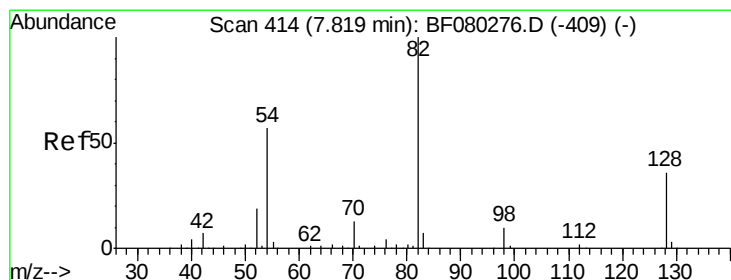
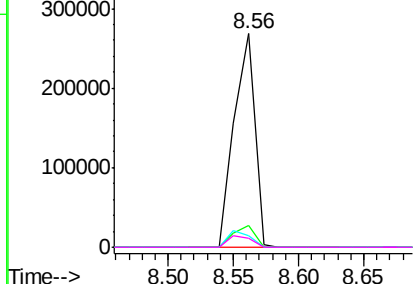
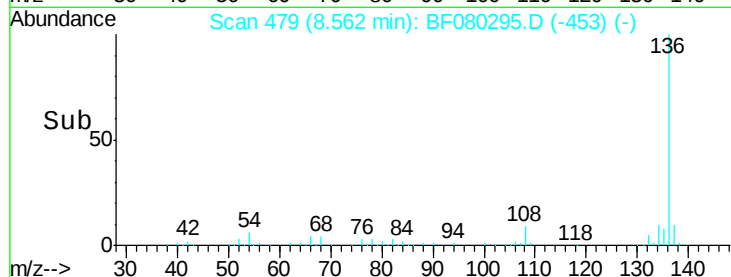
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.56 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF080295.D
Acq: 2 Jul 2015 4:22

Instrument :
BNA_F
ClientSampleId :
KBD-AS-EFF-GW

Tgt Ion:	136	Resp:	294363
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	5.6	4.9	7.3
68	4.3	4.0	6.0

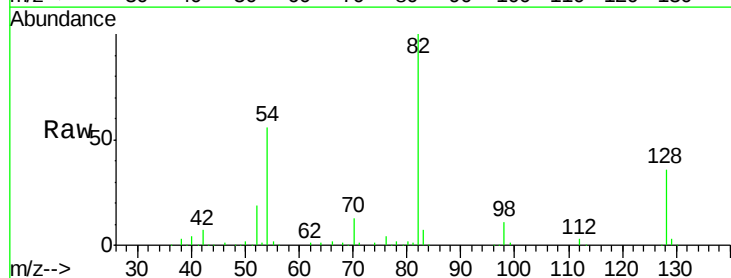


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

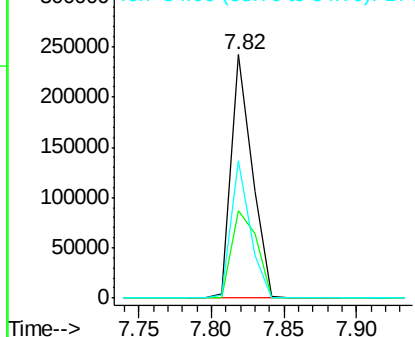
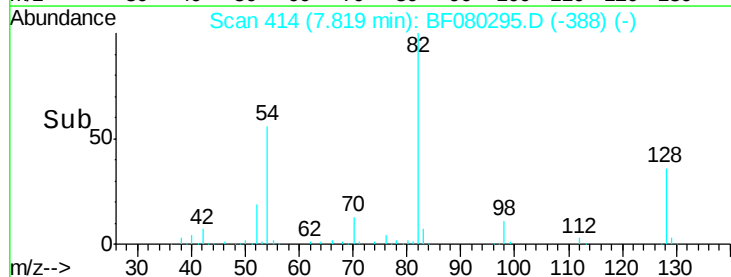


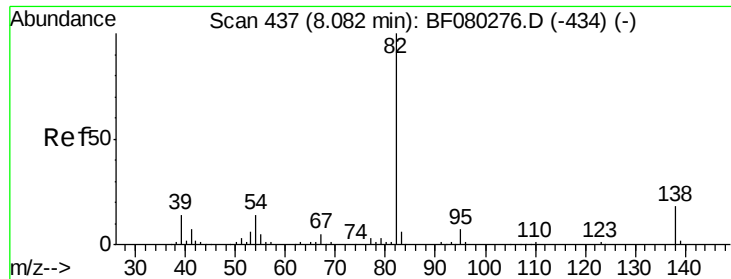
#23
Nitrobenzene-d5
Concen: 45.53 ng
RT: 7.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF080295.D
Acq: 2 Jul 2015 4:22

Tgt Ion:	82	Resp:	243398
Ion	Ratio	Lower	Upper
82	100		
128	36.0	29.0	43.4
54	56.4	45.3	67.9



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





#25

Isophorone

Concen: 23.14 ng

RT: 7.82 min Scan# 414

Delta R.T. -0.26 min

Lab File: BF080295.D

Acq: 2 Jul 2015 4:22

Instrument :

BNA_F

ClientSampleId :

KBD-AS-EFF-GW

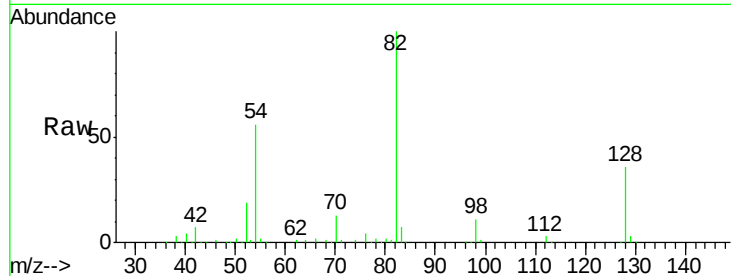
Tgt Ion: 82 Resp: 240474

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

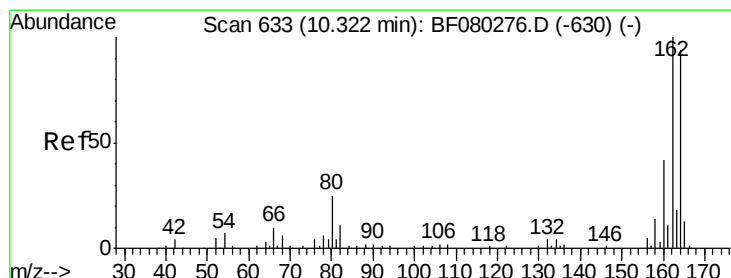
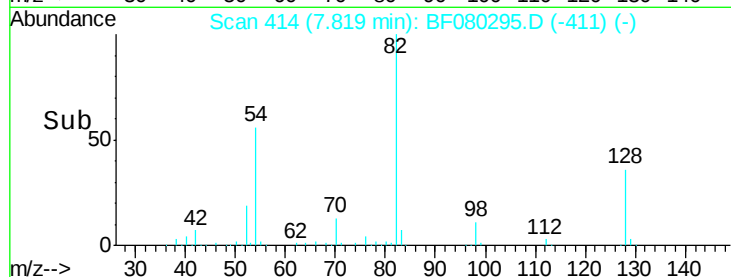
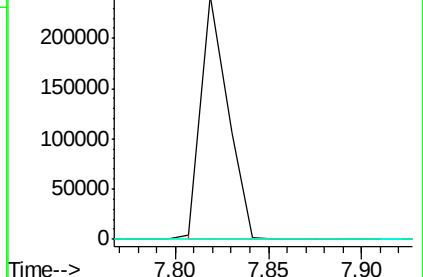
138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF080276.D (-434) (-)

Ion 95.00 (94.70 to 95.70): BF080276.D (-434) (-)

Ion 138.00 (137.70 to 138.70): BF080276.D (-434) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF080295.D

Acq: 2 Jul 2015 4:22

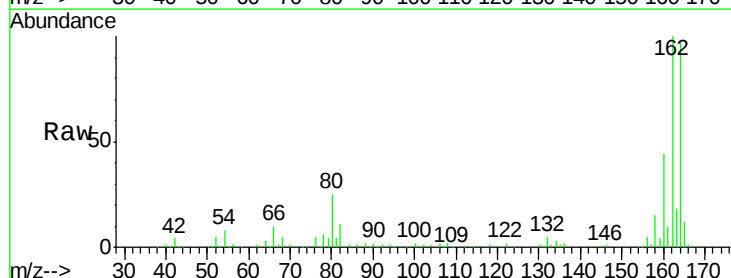
Tgt Ion: 164 Resp: 157040

Ion Ratio Lower Upper

164 100

162 103.1 84.8 127.2

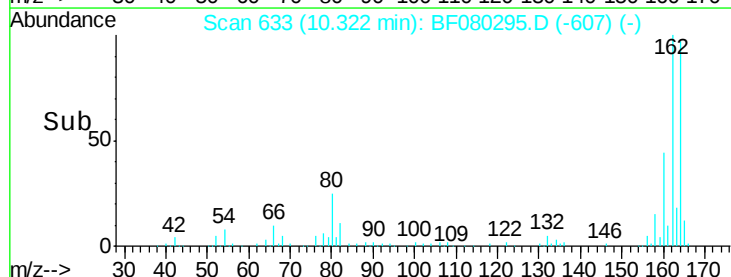
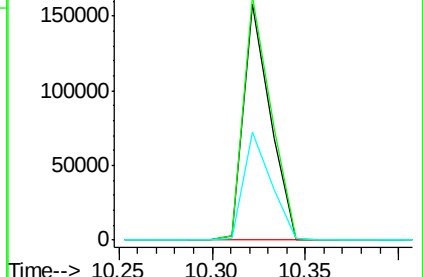
160 45.6 35.8 53.8

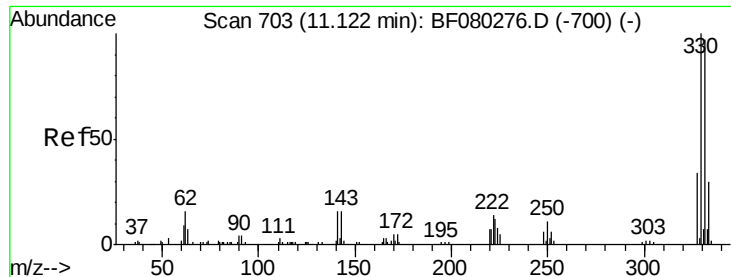


Abundance Ion 164.00 (163.70 to 164.70): BF080276.D (-630) (-)

Ion 162.00 (161.70 to 162.70): BF080276.D (-630) (-)

Ion 160.00 (159.70 to 160.70): BF080276.D (-630) (-)

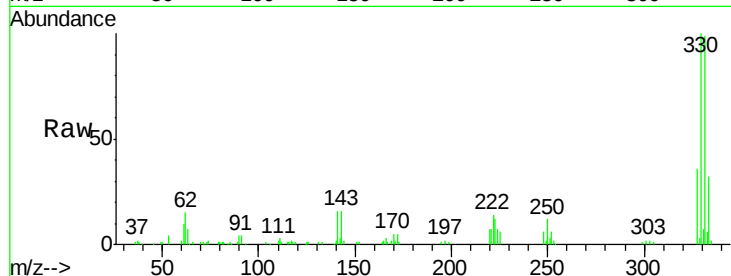




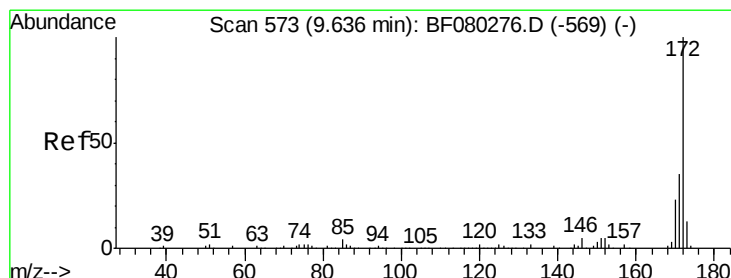
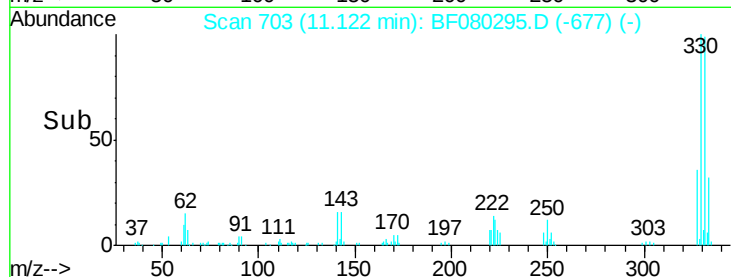
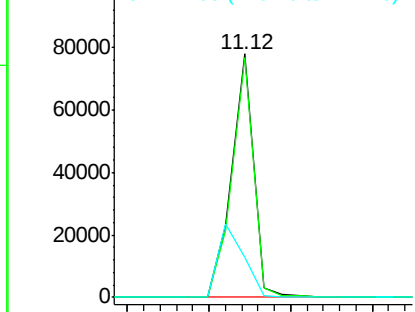
#41
 2,4,6-Tribromophenol
 Concen: 48.41 ng
 RT: 11.12 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF080295.D
 Acq: 2 Jul 2015 4:22

Instrument :
 BNA_F
 ClientSampleId :
 KBD-AS-EFF-GW

Tgt Ion: 330 Resp: 72391
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 35.3 28.0 42.0

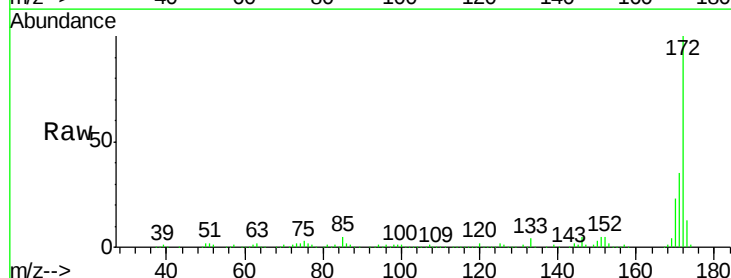


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

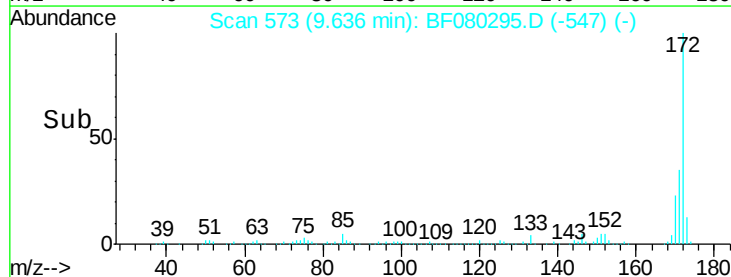
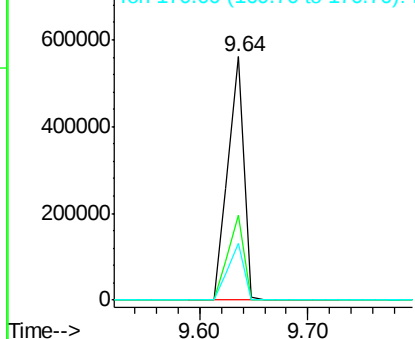


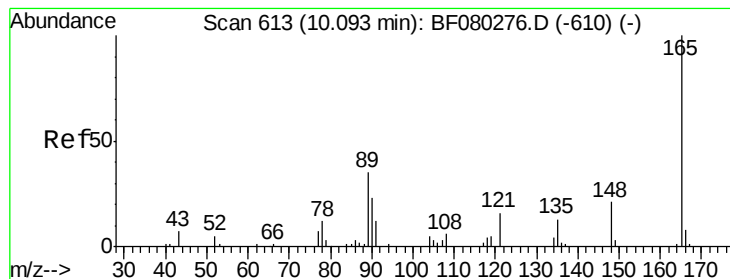
#44
 2-Fluorobiphenyl
 Concen: 52.06 ng
 RT: 9.64 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF080295.D
 Acq: 2 Jul 2015 4:22

Tgt Ion: 172 Resp: 568019
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.1 42.1
 170 23.4 18.6 28.0



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





#50

2,6-Dinitrotoluene

Concen: 7.96 ng

RT: 10.32 min Scan# 633

Delta R.T. 0.23 min

Lab File: BF080295.D

Acq: 2 Jul 2015 4:22

Instrument :

BNA_F

ClientSampleId :

KBD-AS-EFF-GW

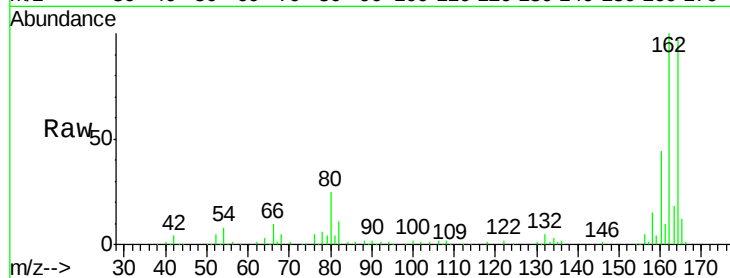
Tgt Ion:165 Resp: 19522

Ion Ratio Lower Upper

165 100

63 0.0 23.4 35.0#

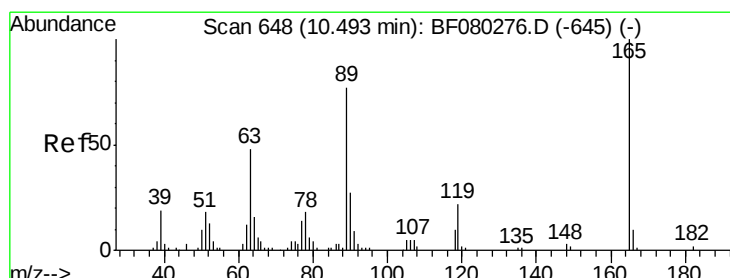
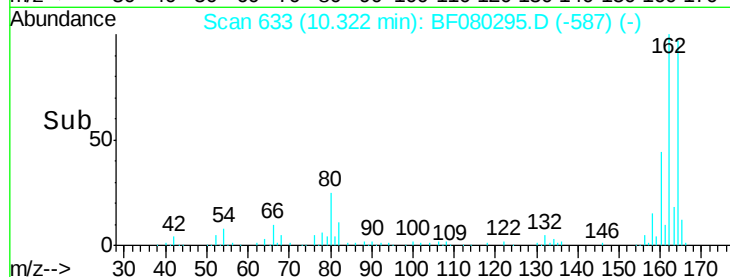
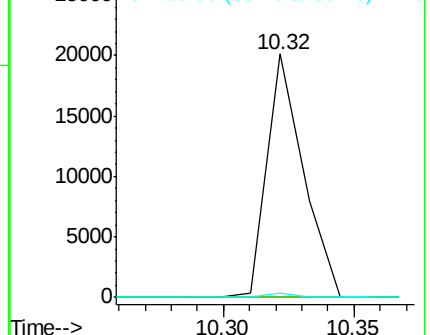
89 1.5 27.7 41.5#



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: 6.14 ng

RT: 10.32 min Scan# 633

Delta R.T. -0.17 min

Lab File: BF080295.D

Acq: 2 Jul 2015 4:22

Tgt Ion:165 Resp: 19523

Ion Ratio Lower Upper

165 100

63 0.0 38.7 58.1#

89 1.5 62.0 93.0#

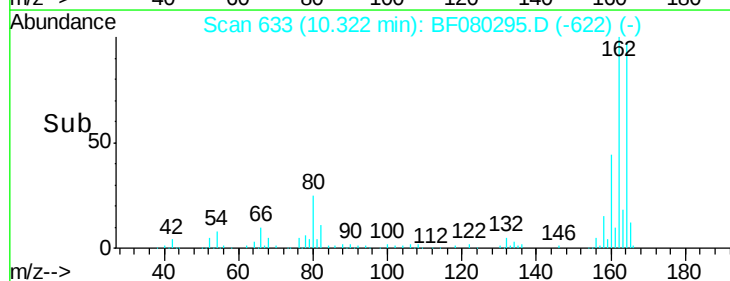
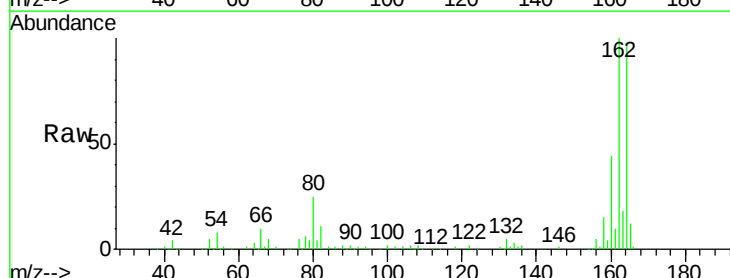
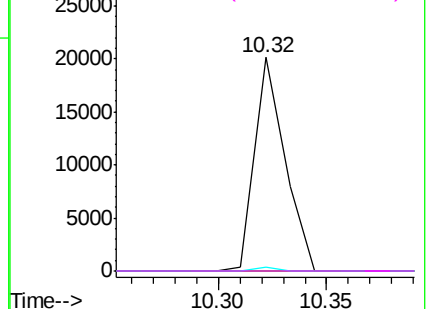
182 0.0 1.8 2.8#

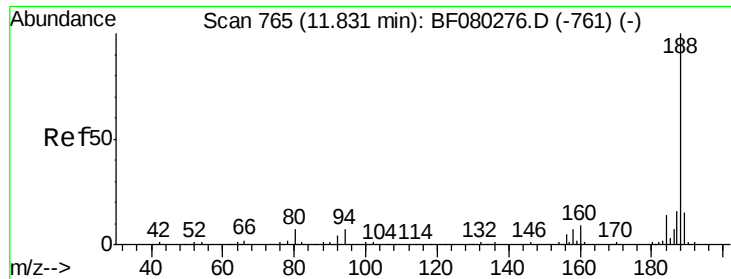
Abundance Ion 165.00 (164.70 to 165.70): E

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

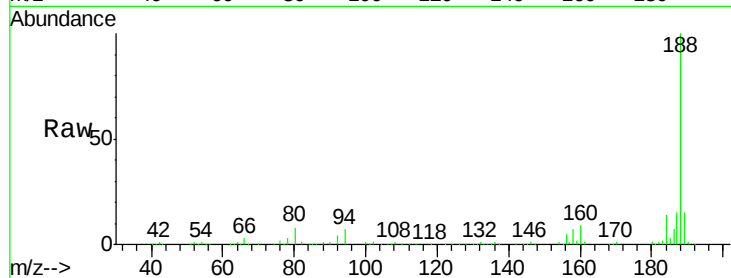




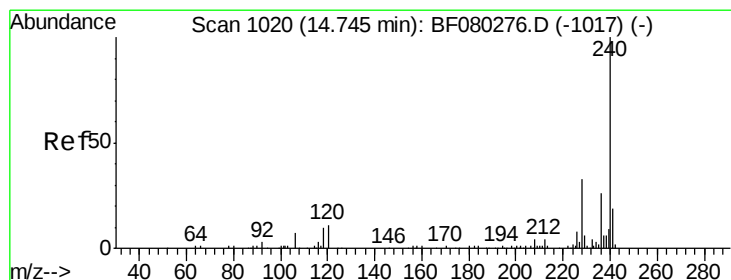
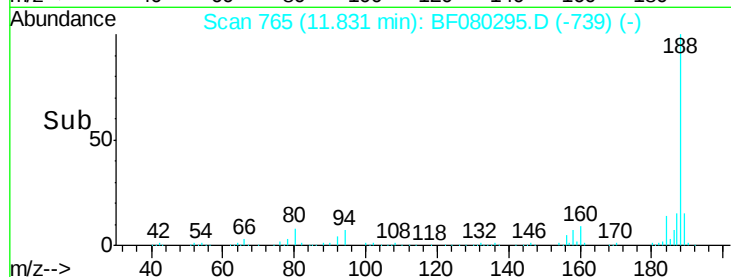
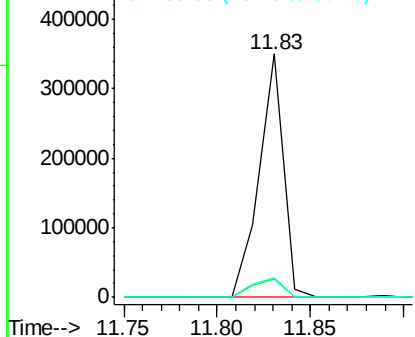
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.83 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF080295.D
Acq: 2 Jul 2015 4:22

Instrument :
BNA_F
ClientSampleId :
KBD-AS-EFF-GW

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.4	8.0
80	8.1	5.8	8.6

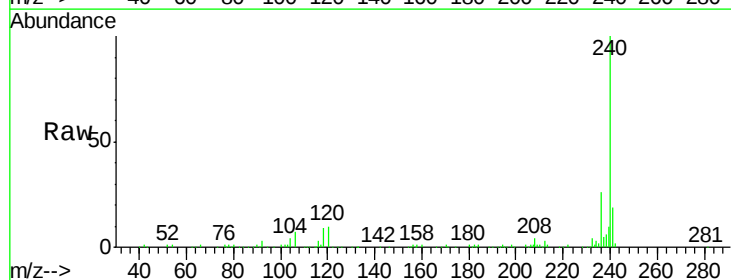


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

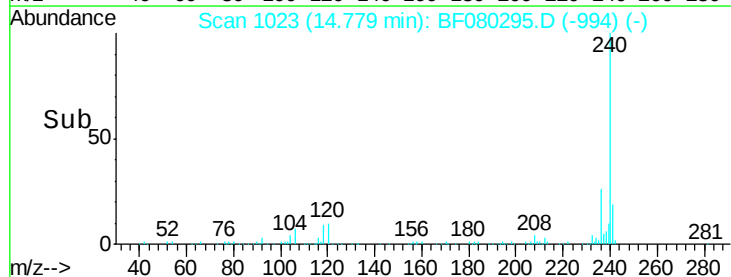
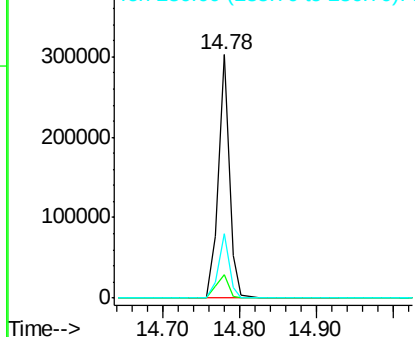


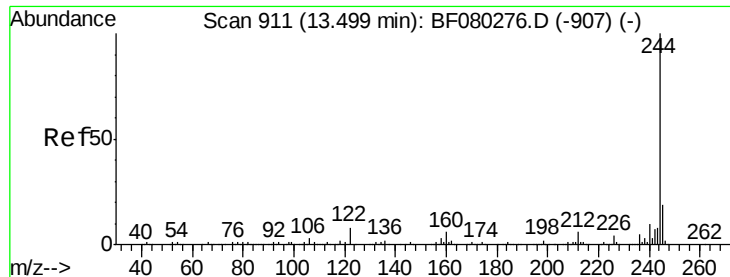
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.78 min Scan# 1023
Delta R.T. 0.03 min
Lab File: BF080295.D
Acq: 2 Jul 2015 4:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.7	13.1
236	26.3	20.9	31.3



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

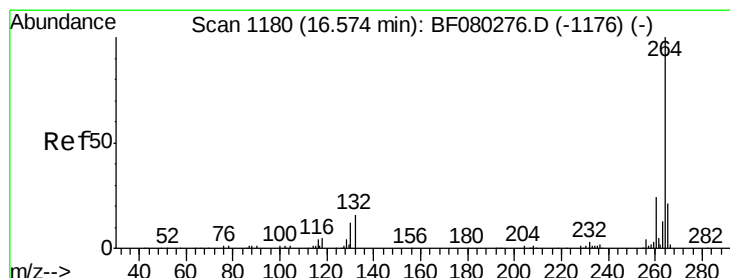
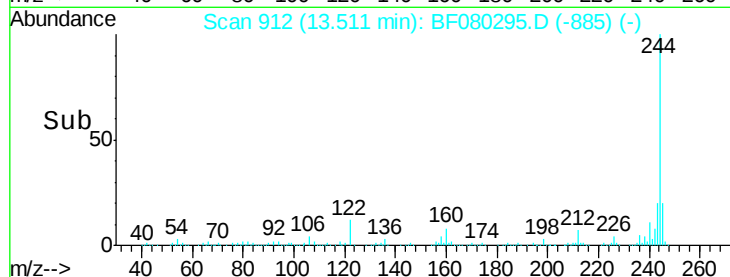
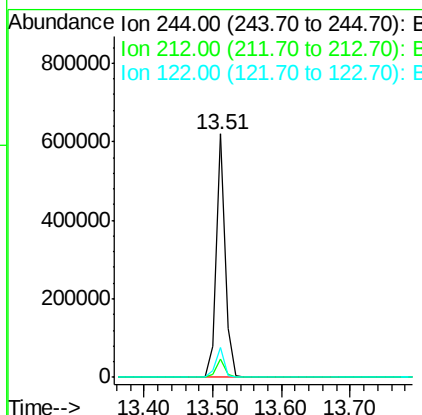
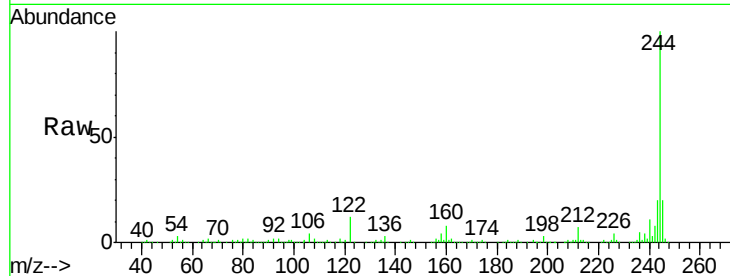




#78
 Terphenyl-d14
 Concen: 44.10 ng
 RT: 13.51 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: BF080295.D
 Acq: 2 Jul 2015 4:22

Instrument :
 BNA_F
 ClientSampleId :
 KBD-AS-EFF-GW

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.0	7.6
122	12.3	6.6	9.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.63 min Scan# 1185
 Delta R.T. 0.06 min
 Lab File: BF080295.D
 Acq: 2 Jul 2015 4:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.8	16.9	25.3

