

Data Path : Z:\HPCHEM1\BNA_F\Data\BF070115\
 Data File : BF080305.D
 Acq On : 2 Jul 2015 9:10
 Operator : TP/UM
 Sample : G2838-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B11

Quant Time: Jul 02 12:01:37 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

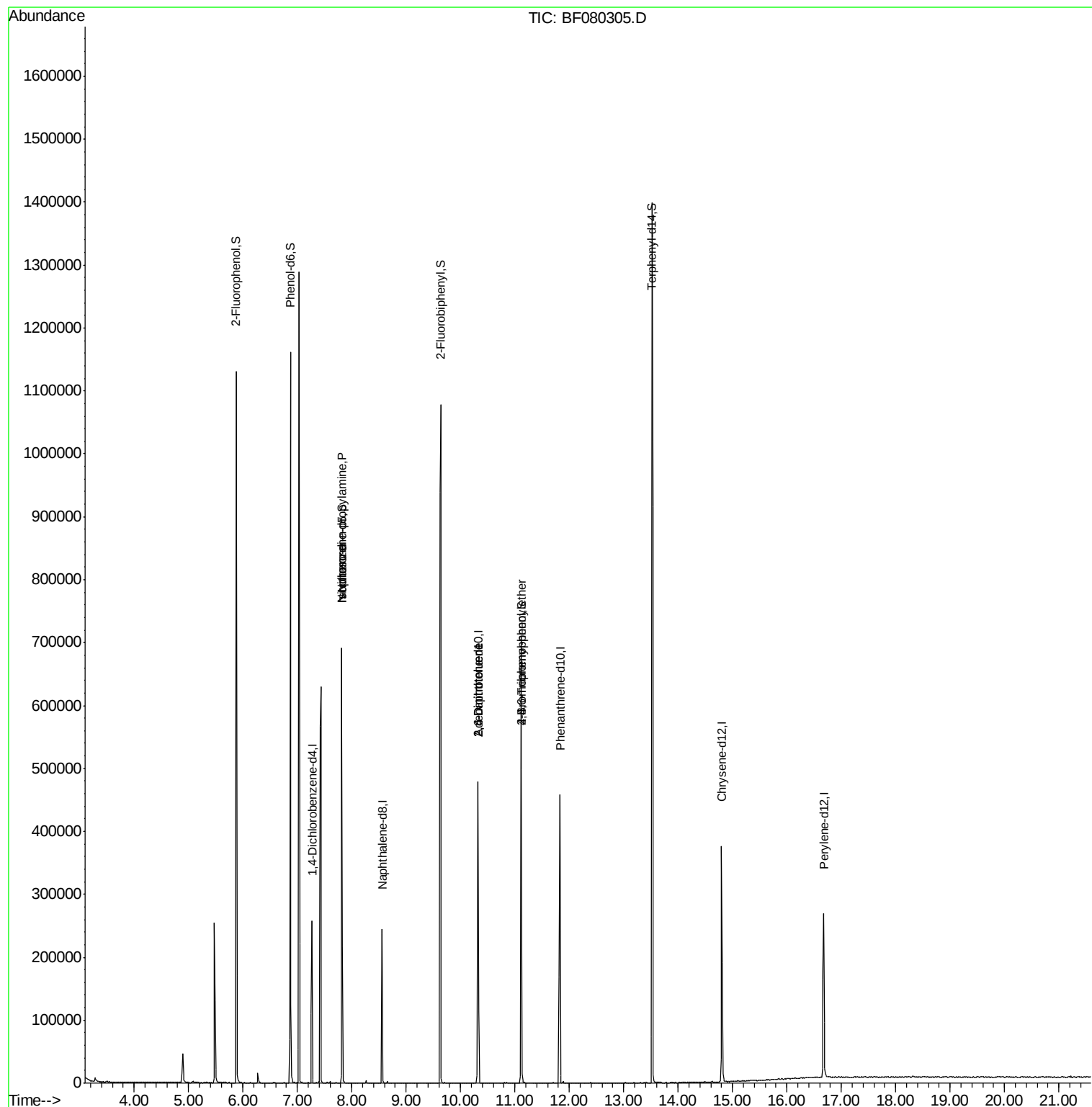
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	44203	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	165491	20.00	ng	0.00
38) Acenaphthene-d10	10.32	164	91091	20.00	ng	0.00
63) Phenanthrene-d10	11.83	188	182755	20.00	ng	0.00
75) Chrysene-d12	14.80	240	170695	20.00	ng	0.06
86) Perylene-d12	16.68	264	151664	20.00	ng	0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.88	112	279399	109.46	ng	0.00
7) Phenol-d6	6.87	99	341738	99.73	ng	0.00
23) Nitrobenzene-d5	7.82	82	221878	73.82	ng	0.00
41) 2,4,6-Tribromophenol	11.12	330	103729	119.59	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	495018	78.22	ng	0.00
78) Terphenyl-d14	13.52	244	594473	81.58	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.82	70	27363	12.01	ng	# 84
25) Isophorone	7.82	82	219219	37.53	ng	# 65
50) 2,6-Dinitrotoluene	10.32	165	11696	8.22	ng	# 43
56) 2,4-Dinitrotoluene	10.32	165	11693	6.34	ng	# 19
66) 4-Bromophenyl-phenylether	11.12	248	7056	3.57	ng	# 1

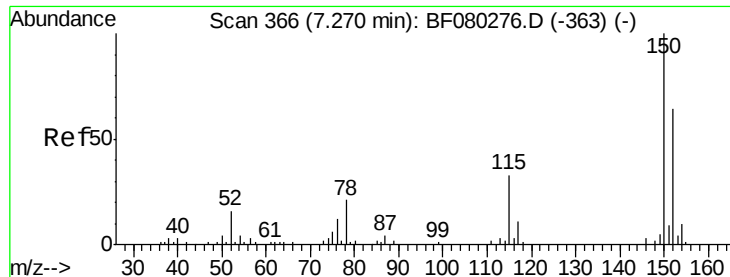
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\Data\BF070115\
Data File : BF080305.D
Acq On : 2 Jul 2015 9:10
Operator : TP/UM
Sample : G2838-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-B11

Quant Time: Jul 02 12:01:37 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: BF080305.D

Acq: 2 Jul 2015 9:10

Instrument :

BNA_F

ClientSampled :

TEC-B11

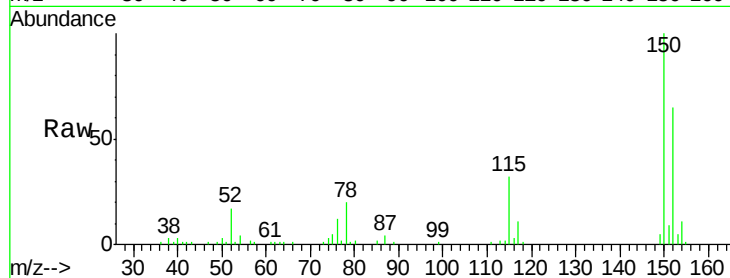
Tgt Ion:152 Resp: 44203

Ion Ratio Lower Upper

152 100

150 154.9 124.7 187.1

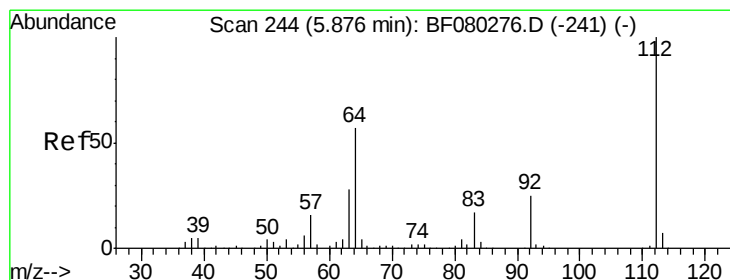
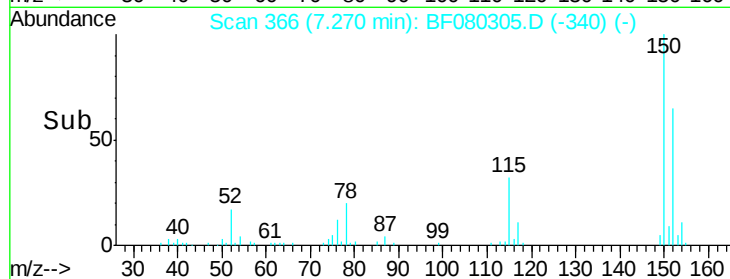
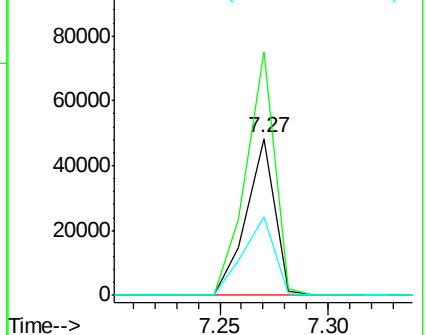
115 50.1 41.0 61.6



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: 109.46 ng

RT: 5.88 min Scan# 244

Delta R.T. -0.00 min

Lab File: BF080305.D

Acq: 2 Jul 2015 9:10

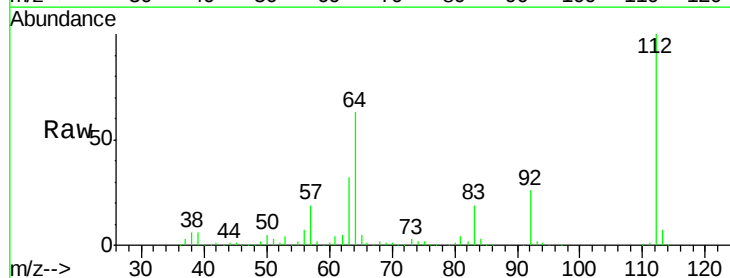
Tgt Ion:112 Resp: 279399

Ion Ratio Lower Upper

112 100

64 62.5 45.5 68.3

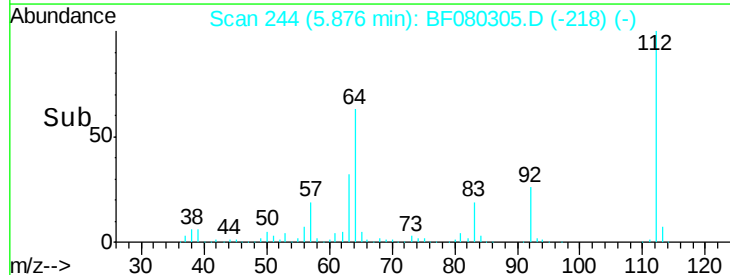
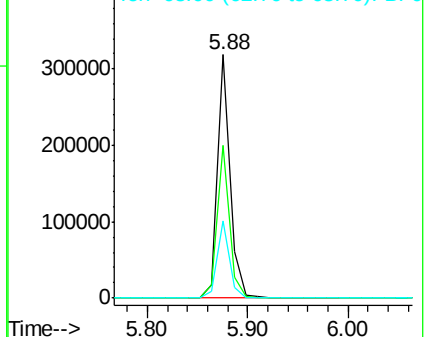
63 31.7 22.4 33.6

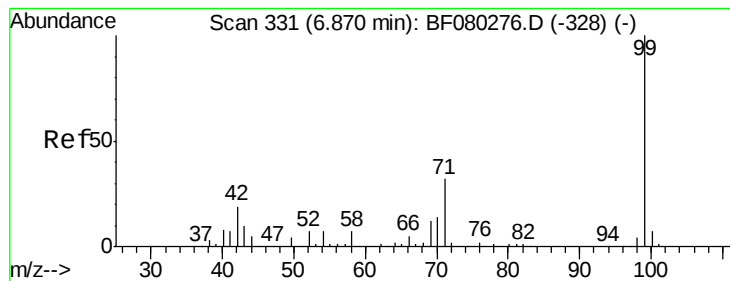


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.73 ng

RT: 6.87 min Scan# 331

Delta R.T. -0.00 min

Lab File: BF080305.D

Acq: 2 Jul 2015 9:10

Instrument :

BNA_F

ClientSampled :

TEC-B11

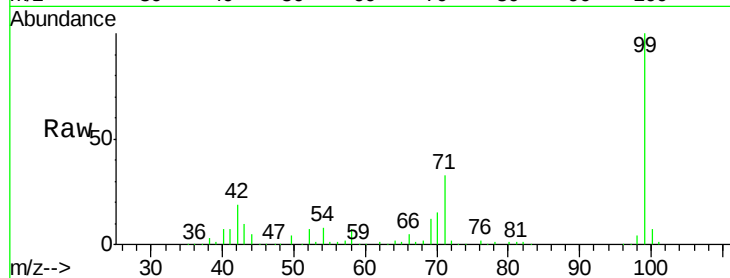
Tgt Ion: 99 Resp: 341738

Ion Ratio Lower Upper

99 100

42 19.5 15.4 23.2

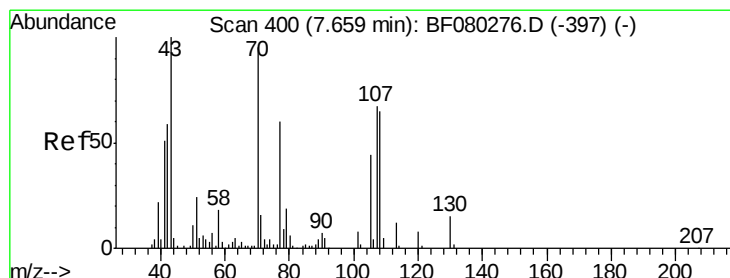
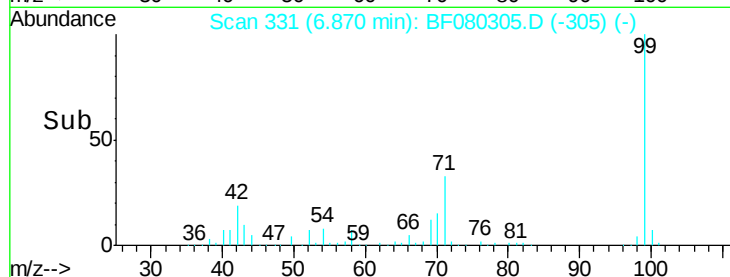
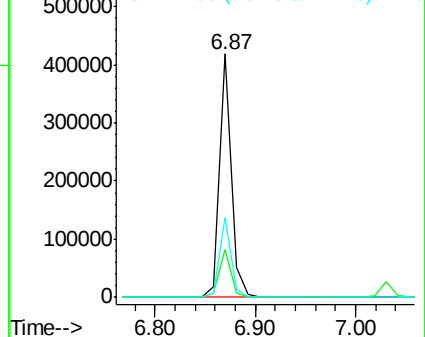
71 33.0 25.8 38.8



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: 12.01 ng

RT: 7.82 min Scan# 414

Delta R.T. 0.16 min

Lab File: BF080305.D

Acq: 2 Jul 2015 9:10

Tgt Ion: 70 Resp: 27363

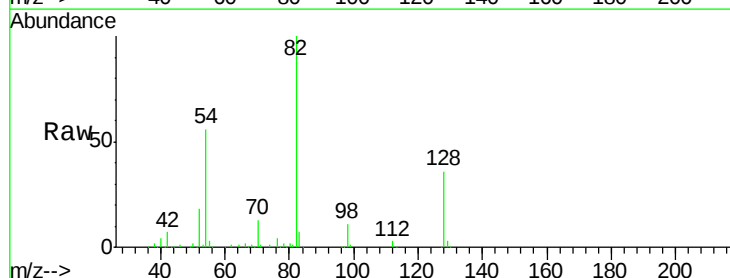
Ion Ratio Lower Upper

70 100

42 54.8 49.8 74.8

101 0.0 6.8 10.2#

130 1.6 13.0 19.4#

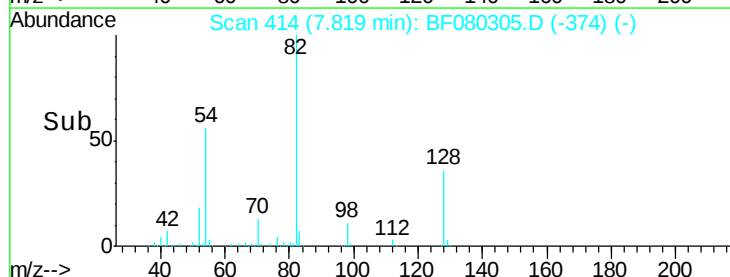
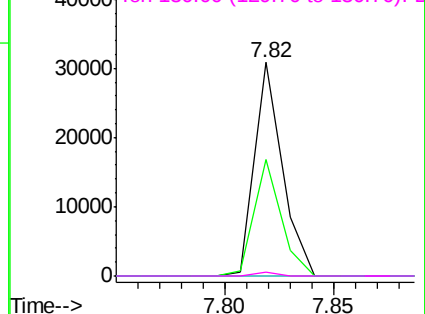


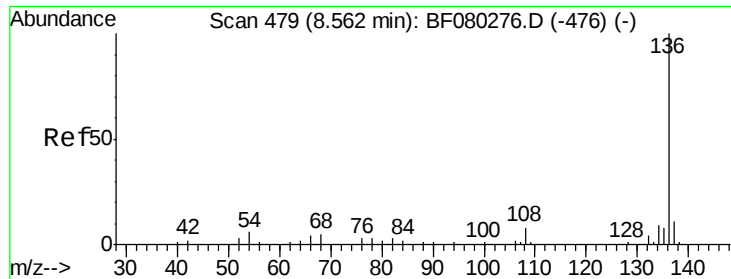
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

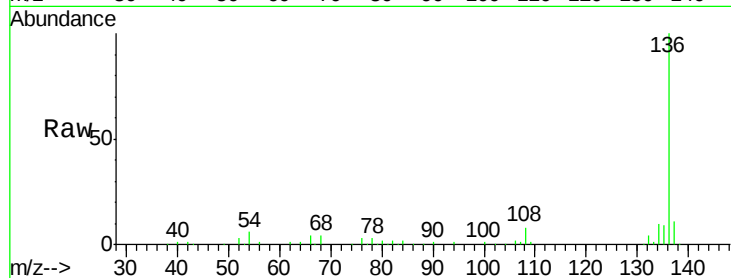




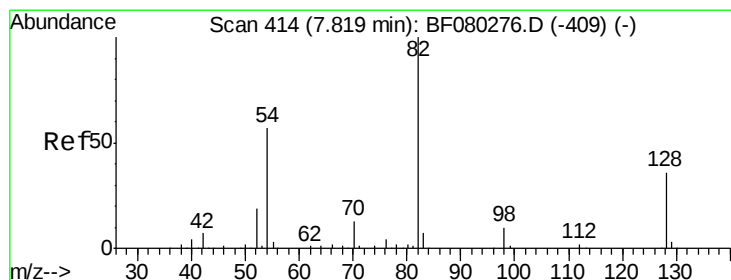
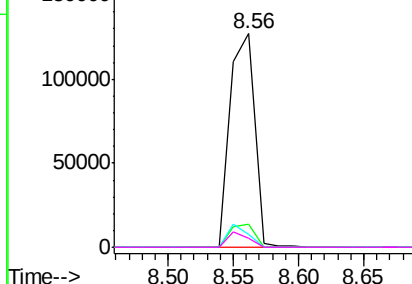
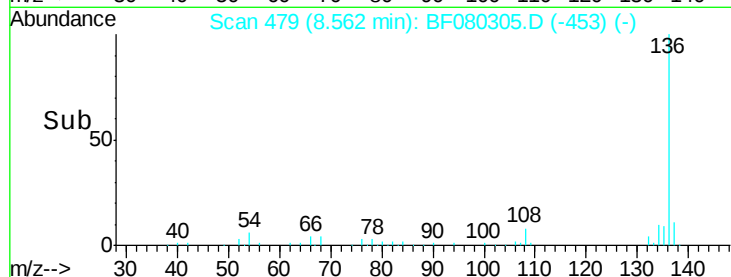
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.56 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF080305.D
Acq: 2 Jul 2015 9:10

Instrument :
BNA_F
ClientSampleId :
TEC-B11

Tgt Ion:	136	Resp:	165491
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	5.7	4.9	7.3
68	4.1	4.0	6.0

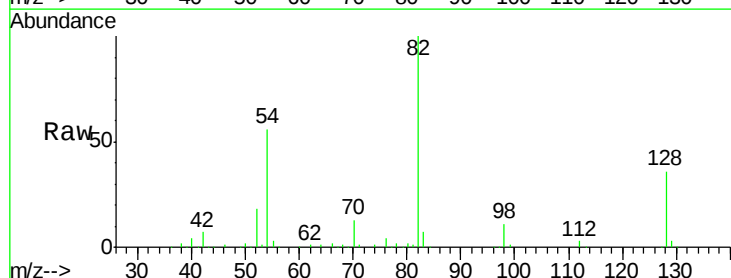


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

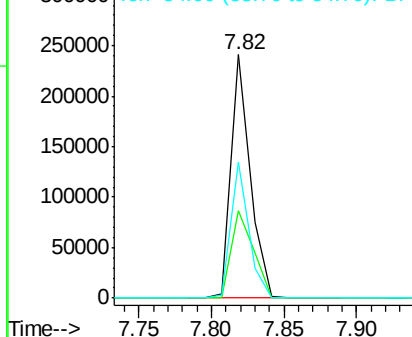
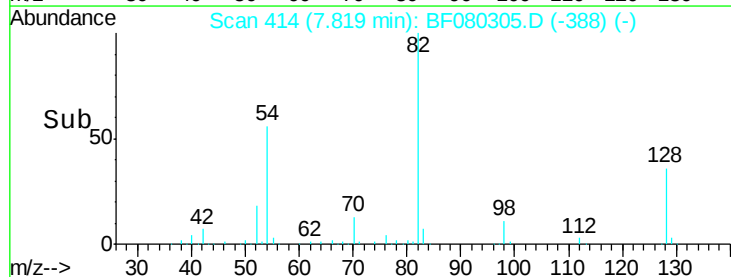


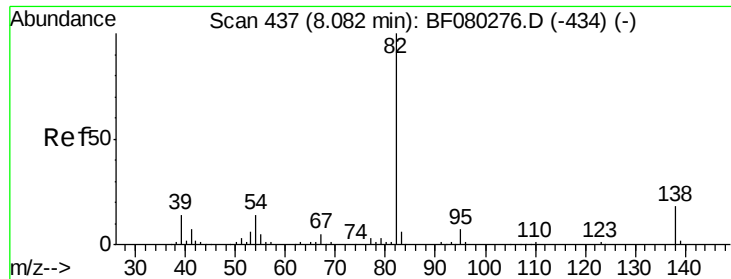
#23
Nitrobenzene-d5
Concen: 73.82 ng
RT: 7.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF080305.D
Acq: 2 Jul 2015 9:10

Tgt Ion:	82	Resp:	221878
Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.0	43.4
54	56.1	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: 37.53 ng

RT: 7.82 min Scan# 414

Delta R.T. -0.26 min

Lab File: BF080305.D

Acq: 2 Jul 2015 9:10

Instrument :

BNA_F

ClientSampleId :

TEC-B11

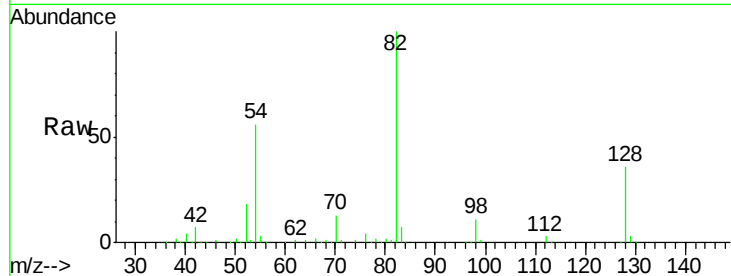
Tgt Ion: 82 Resp: 219219

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

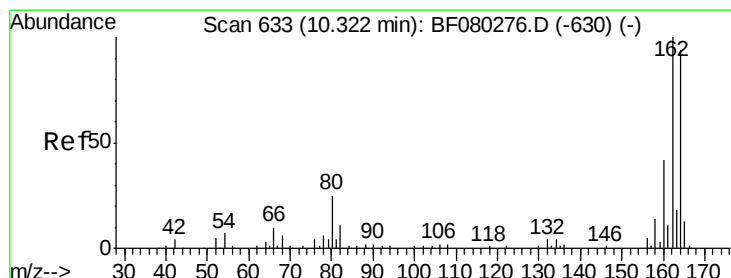
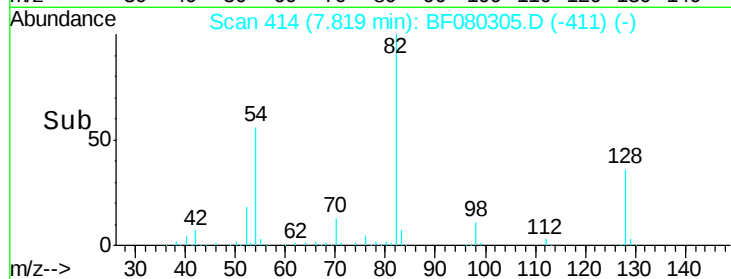
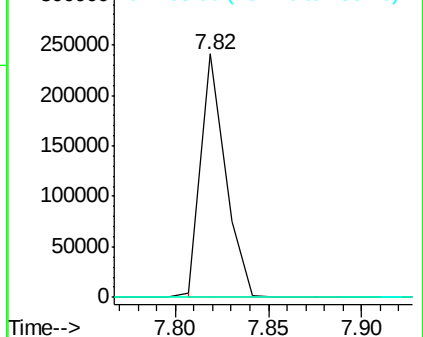
138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF080305.D

Acq: 2 Jul 2015 9:10

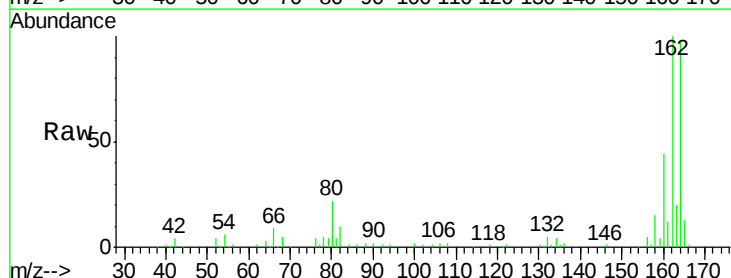
Tgt Ion: 164 Resp: 91091

Ion Ratio Lower Upper

164 100

162 103.1 84.8 127.2

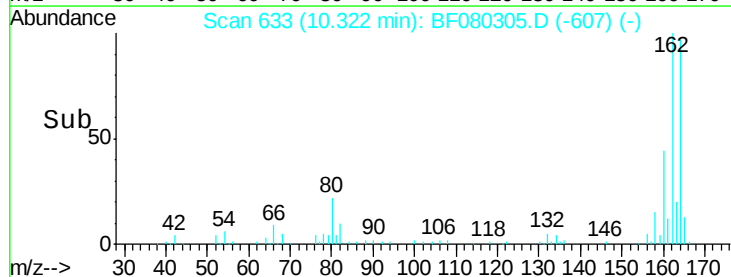
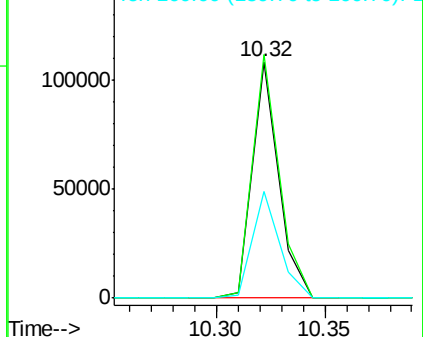
160 45.0 35.8 53.8

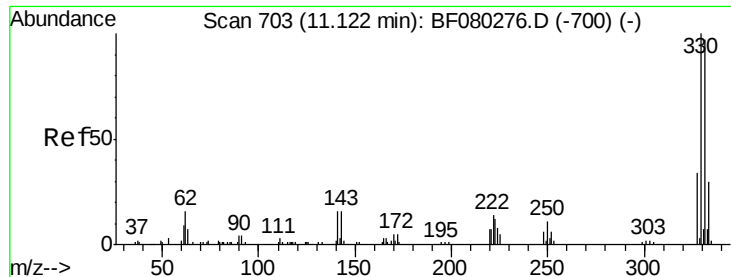


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

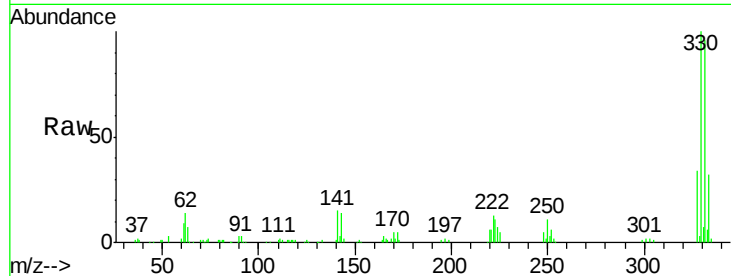




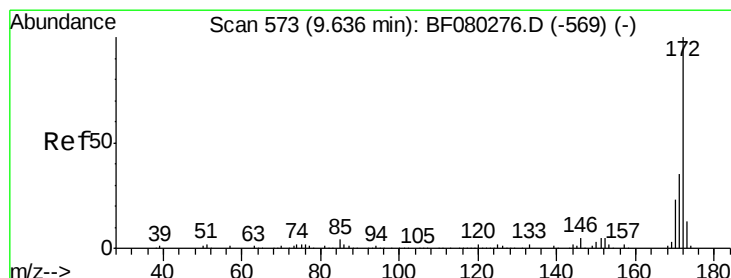
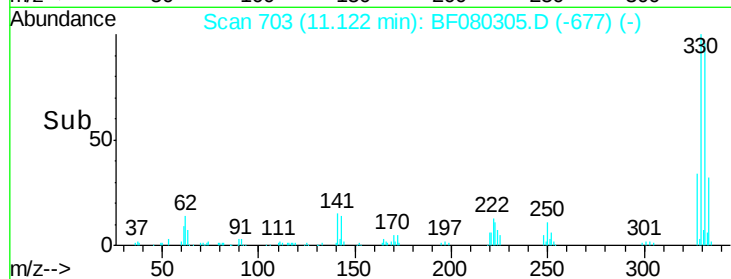
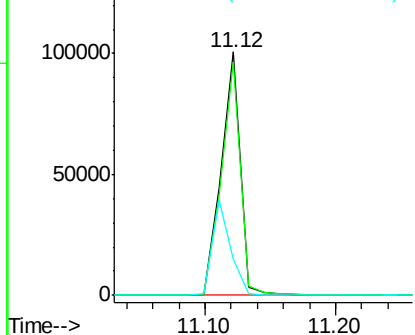
#41
 2,4,6-Tribromophenol
 Concen: 119.59 ng
 RT: 11.12 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF080305.D
 Acq: 2 Jul 2015 9:10

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B11

Tgt Ion:330 Resp: 103729
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.4 116.2
 141 37.0 28.0 42.0

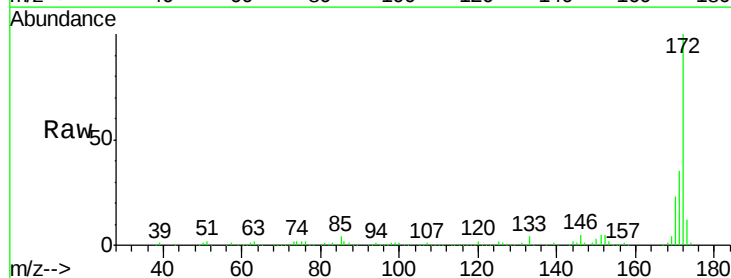


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

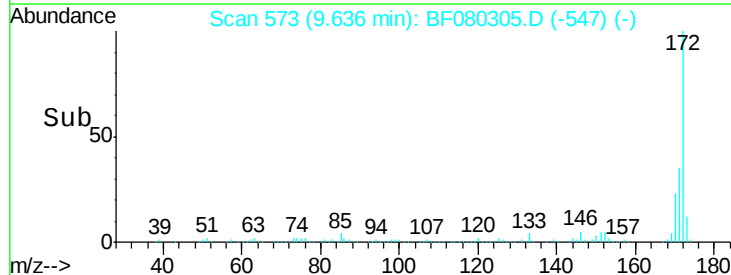
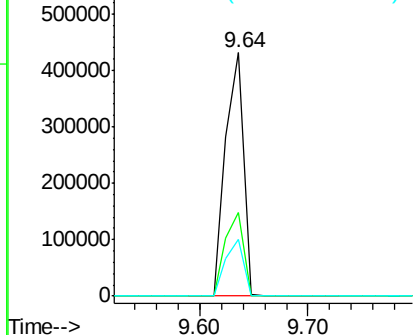


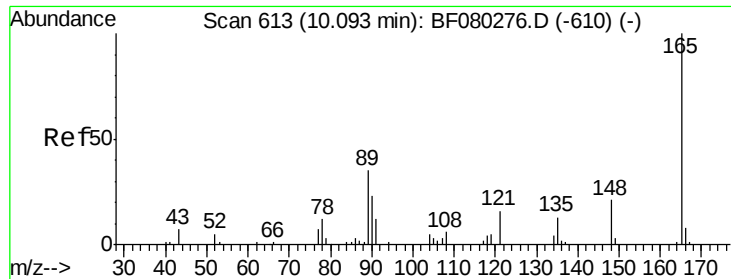
#44
 2-Fluorobiphenyl
 Concen: 78.22 ng
 RT: 9.64 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF080305.D
 Acq: 2 Jul 2015 9:10

Tgt Ion:172 Resp: 495018
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.1 42.1
 170 23.5 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

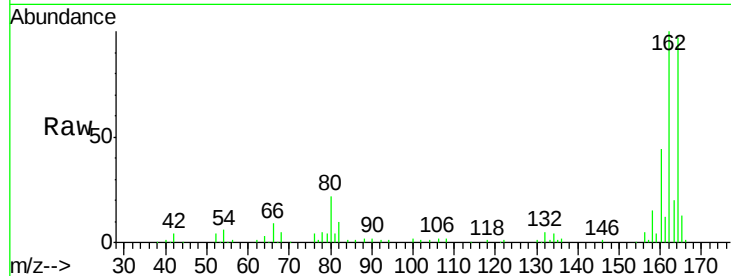




#50
 2,6-Dinitrotoluene
 Concen: 8.22 ng
 RT: 10.32 min Scan# 633
 Delta R.T. 0.23 min
 Lab File: BF080305.D
 Acq: 2 Jul 2015 9:10

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B11

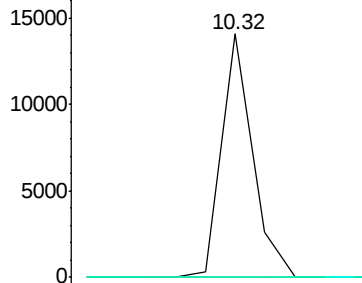
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	23.4	35.0#
89	0.0	27.7	41.5#



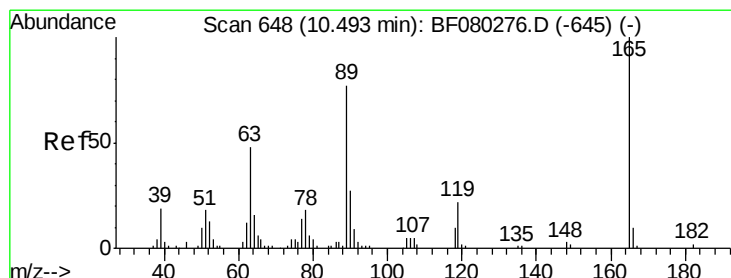
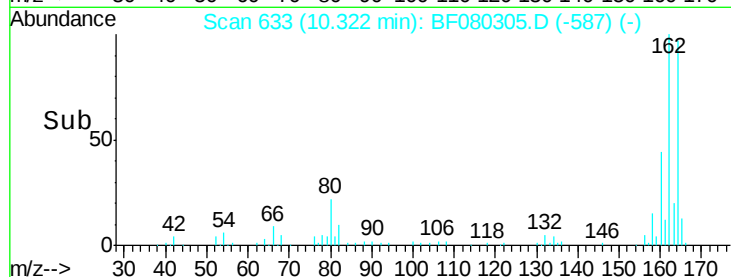
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



Time-->



#56
 2,4-Dinitrotoluene
 Concen: 6.34 ng
 RT: 10.32 min Scan# 633
 Delta R.T. -0.17 min
 Lab File: BF080305.D
 Acq: 2 Jul 2015 9:10

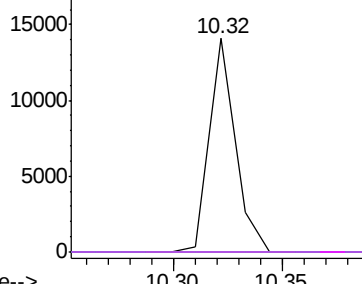
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.7	58.1#
89	0.0	62.0	93.0#
182	0.0	1.8	2.8#

Abundance Ion 165.00 (164.70 to 165.70): E

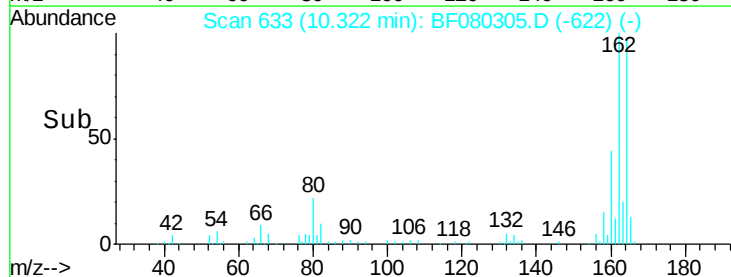
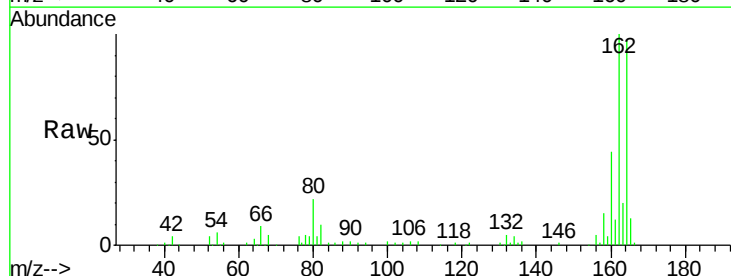
Ion 63.00 (62.70 to 63.70): BF0

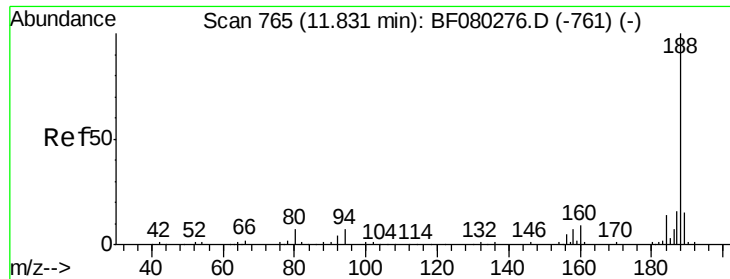
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->

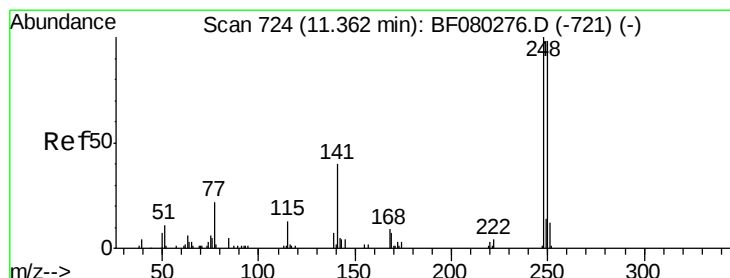
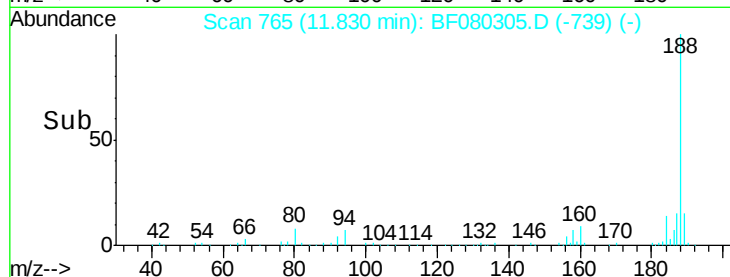
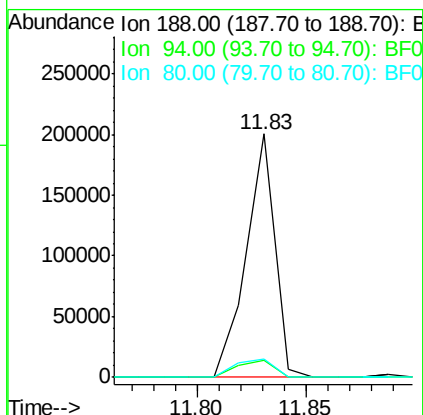
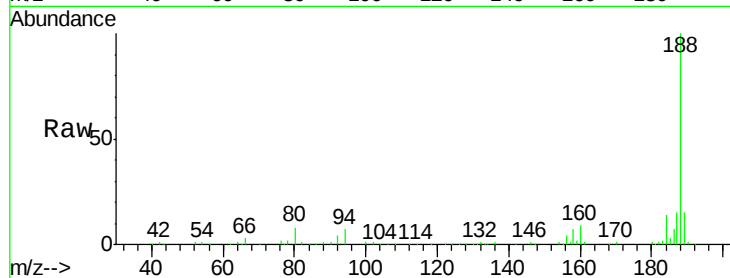




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.83 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF080305.D
Acq: 2 Jul 2015 9:10

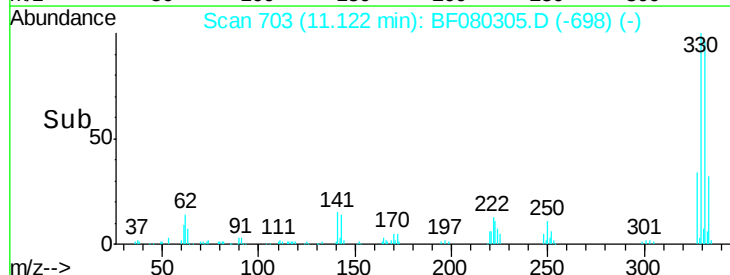
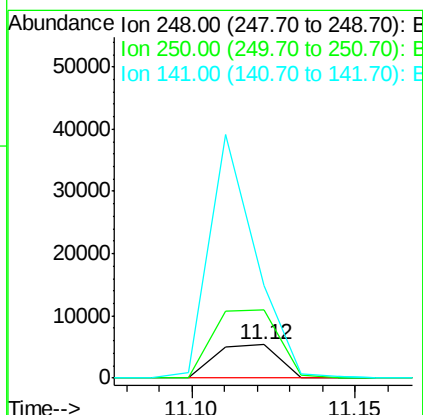
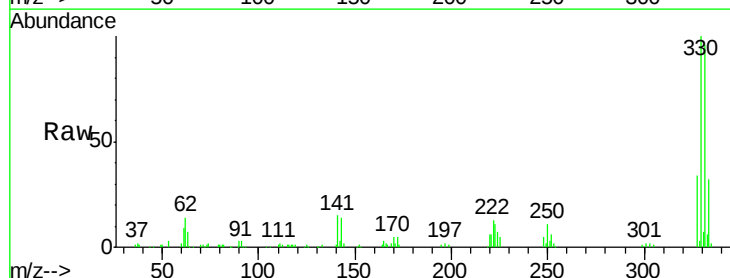
Instrument :
BNA_F
ClientSampled :
TEC-B11

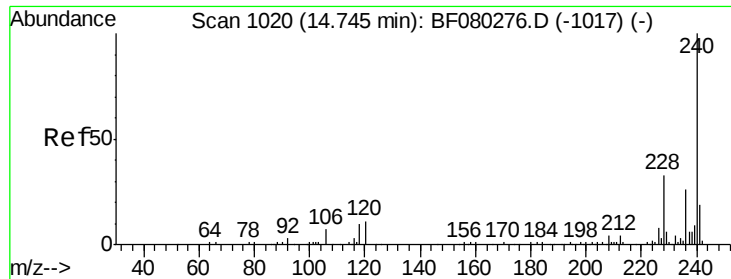
Tgt Ion:188 Resp: 182755
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.0
80 7.7 5.8 8.6



#66
4-Bromophenyl-phenylether
Concen: 3.57 ng
RT: 11.12 min Scan# 703
Delta R.T. -0.24 min
Lab File: BF080305.D
Acq: 2 Jul 2015 9:10

Tgt Ion:248 Resp: 7056
Ion Ratio Lower Upper
248 100
250 206.5 78.2 117.4#
141 279.5 31.9 47.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.80 min Scan# 1025

Delta R.T. 0.06 min

Lab File: BF080305.D

Acq: 2 Jul 2015 9:10

Instrument :

BNA_F

ClientSampleId :

TEC-B11

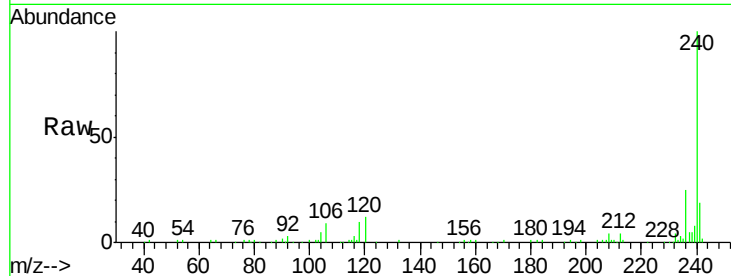
Tgt Ion:240 Resp: 170695

Ion Ratio Lower Upper

240 100

120 12.2 8.7 13.1

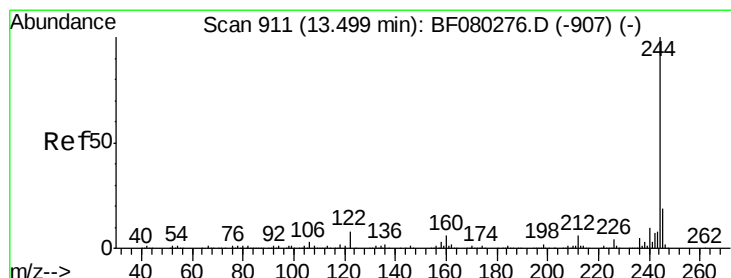
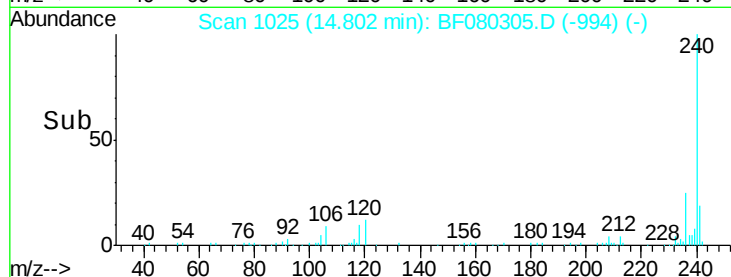
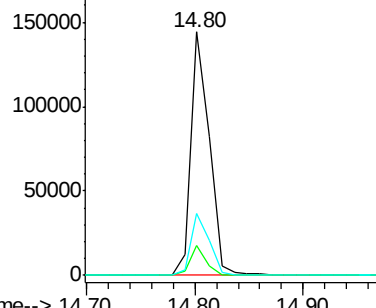
236 25.5 20.9 31.3



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: 81.58 ng

RT: 13.52 min Scan# 913

Delta R.T. 0.02 min

Lab File: BF080305.D

Acq: 2 Jul 2015 9:10

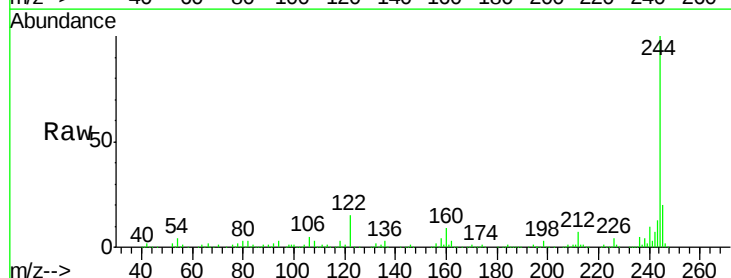
Tgt Ion:244 Resp: 594473

Ion Ratio Lower Upper

244 100

212 7.4 5.0 7.6

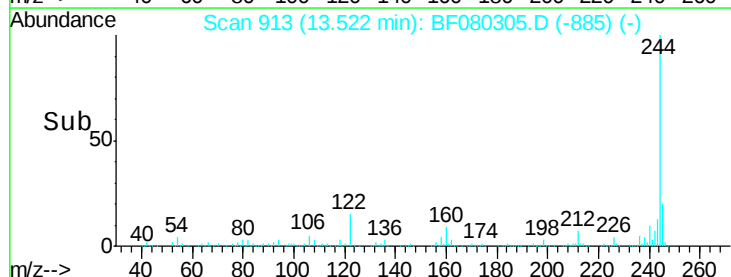
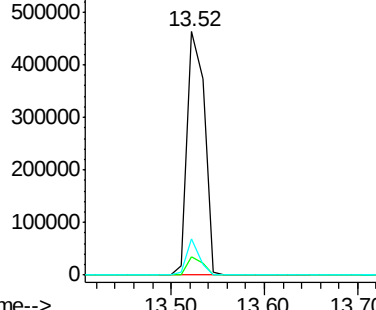
122 14.8 6.6 9.8#

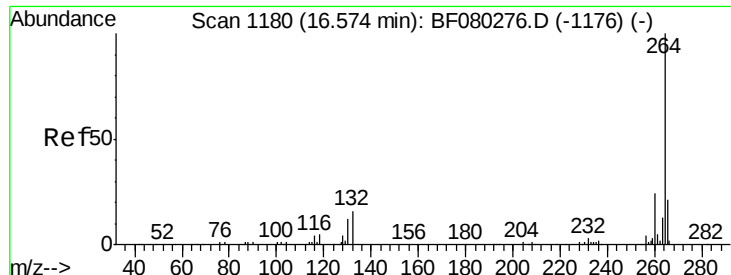


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

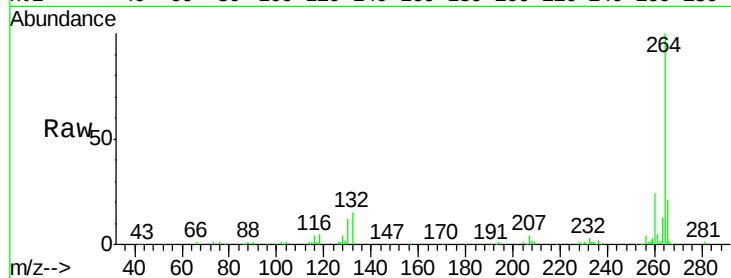




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.68 min Scan# 1189
Delta R.T. 0.10 min
Lab File: BF080305.D
Acq: 2 Jul 2015 9:10

Instrument :
BNA_F
ClientSampleId :
TEC-B11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.8	16.9	25.3



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

