

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071415\
 Data File : BF080486.D
 Acq On : 15 Jul 2015 12:02
 Operator : TP/UM
 Sample : G2973-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7D78

Quant Time: Jul 15 16:02:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 15 03:58:42 2015
 Response via : Initial Calibration

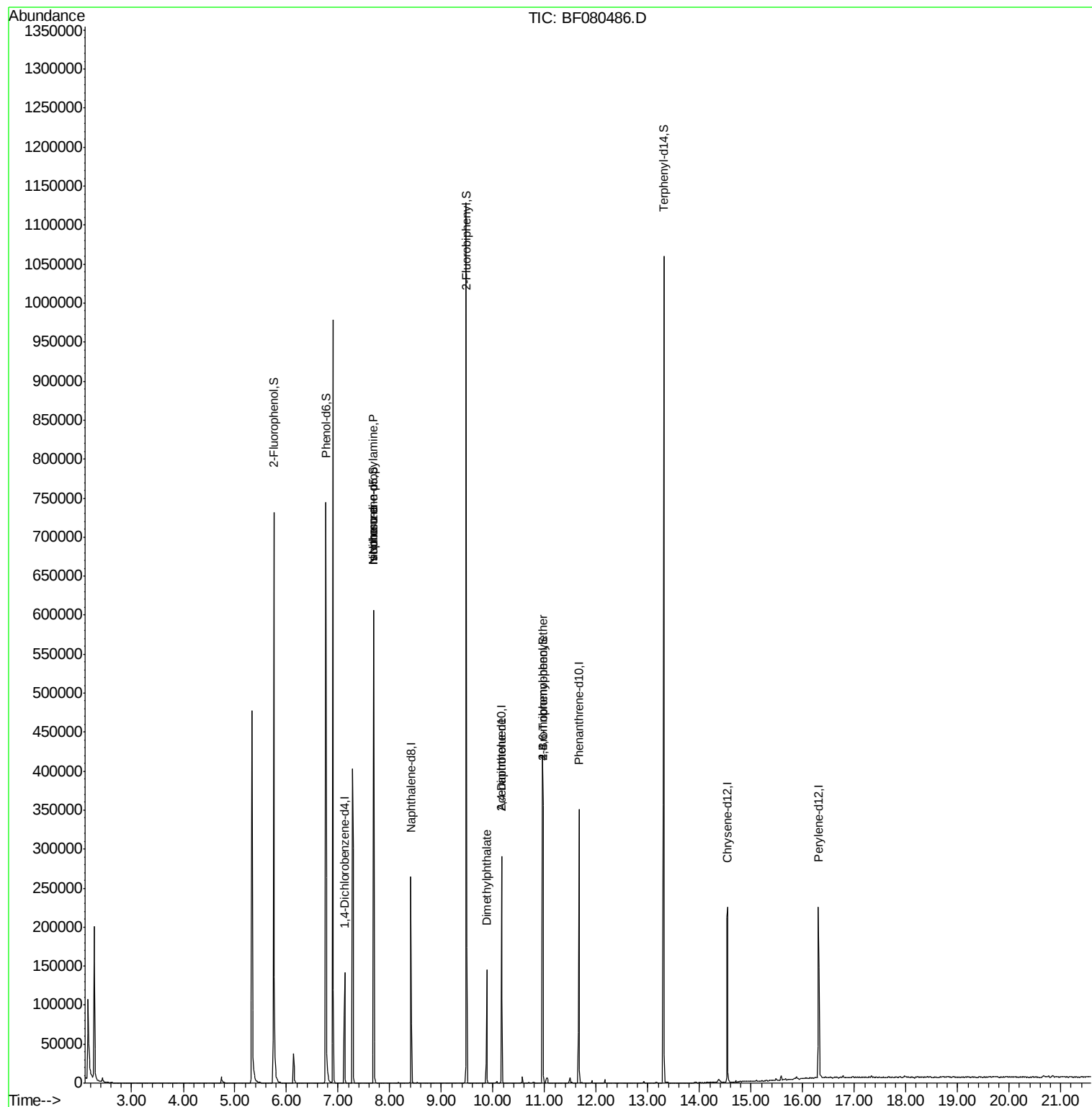
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	26951	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	116396	20.00	ng	0.00
38) Acenaphthene-d10	10.17	164	58478	20.00	ng	-0.01
63) Phenanthrene-d10	11.66	188	124109	20.00	ng	0.00
75) Chrysene-d12	14.55	240	120655	20.00	ng	0.07
86) Perylene-d12	16.31	264	113591	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	191500	116.14	ng	0.00
7) Phenol-d6	6.76	99	257454	127.59	ng	-0.01
23) Nitrobenzene-d5	7.69	82	167707	78.88	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	59638	107.89	ng	0.00
44) 2-Fluorobiphenyl	9.48	172	307575	72.06	ng	0.00
78) Terphenyl-d14	13.31	244	356762	71.27	ng	0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.69	70	21405	15.66	ng	# 84
25) Isophorone	7.69	82	167725	42.72	ng	# 71
49) Dimethylphthalate	9.88	163	59708	12.90	ng	98
56) 2,4-Dinitrotoluene	10.17	165	7253	6.43	ng	# 38
66) 4-Bromophenyl-phenylether	10.97	248	4502	3.64	ng	# 1
85) Indeno(1,2,3-cd)pyrene	17.96	276	219	Below Cal		# 48

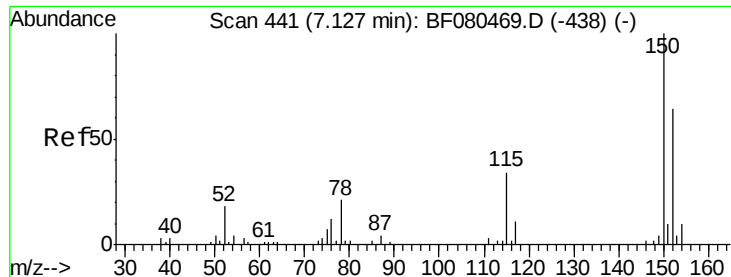
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF080486.D

Acq: 15 Jul 2015 12:02

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BNA_F

ClientSampleId :

TP-7D78

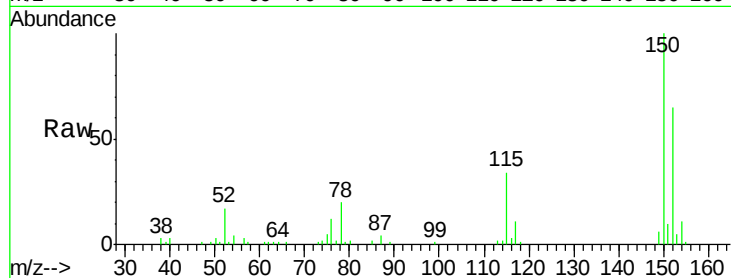
Tgt Ion:152 Resp: 26951

Ion Ratio Lower Upper

152 100

150 154.0 125.5 188.3

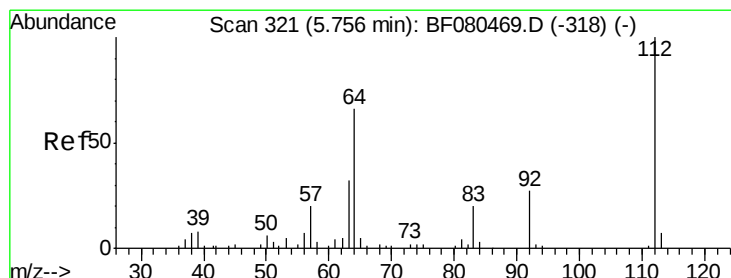
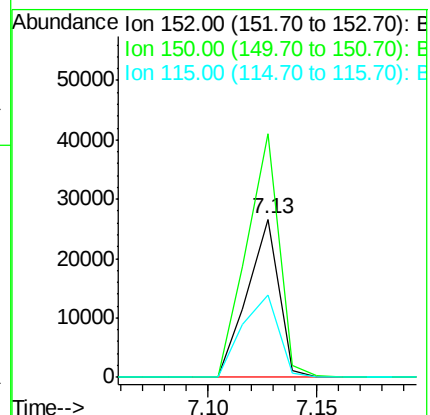
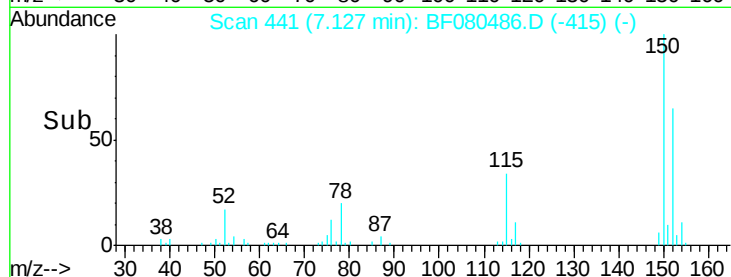
115 52.0 42.9 64.3



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: 116.14 ng

RT: 5.76 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF080486.D

Acq: 15 Jul 2015 12:02

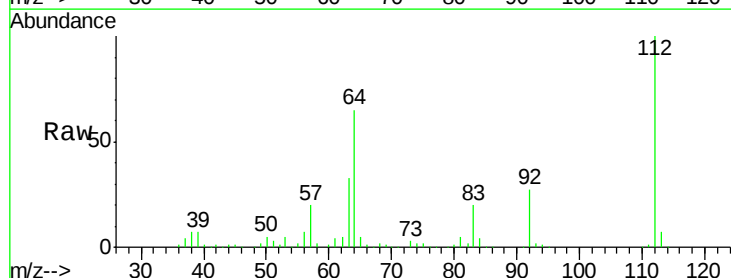
Tgt Ion:112 Resp: 191500

Ion Ratio Lower Upper

112 100

64 65.2 52.6 79.0

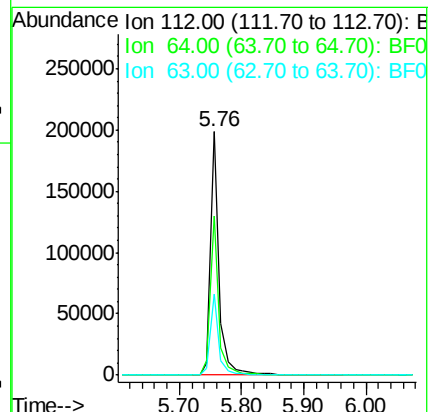
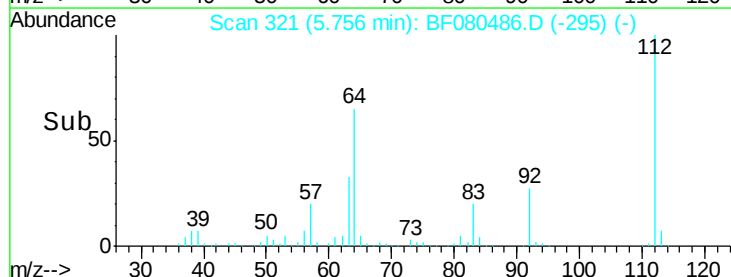
63 33.1 25.9 38.9

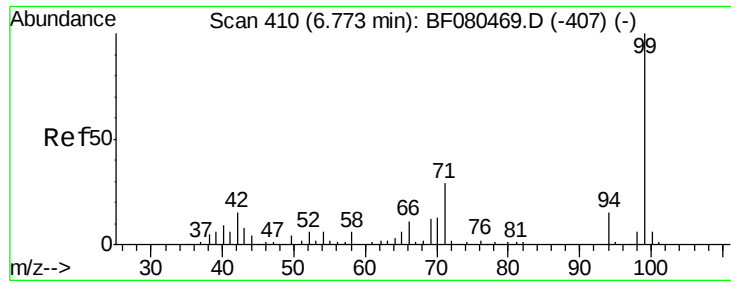


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.59 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF080486.D

Acq: 15 Jul 2015 12:02

Instrument :

BNA_F

ClientSampleId :

TP-7D78

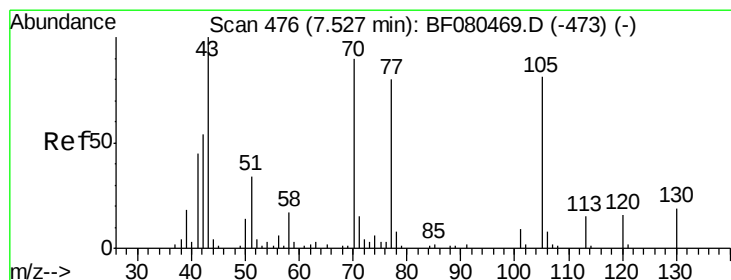
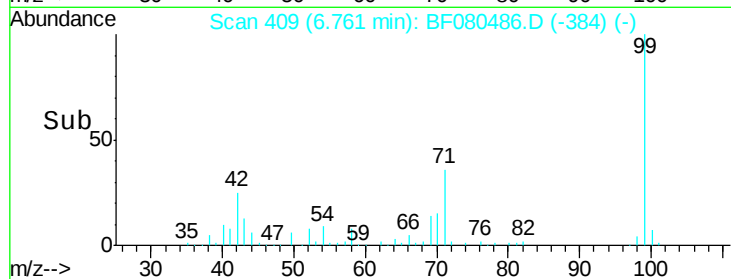
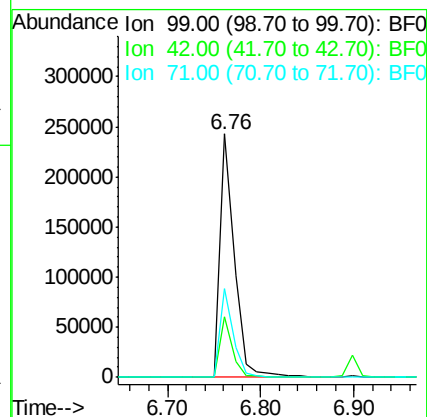
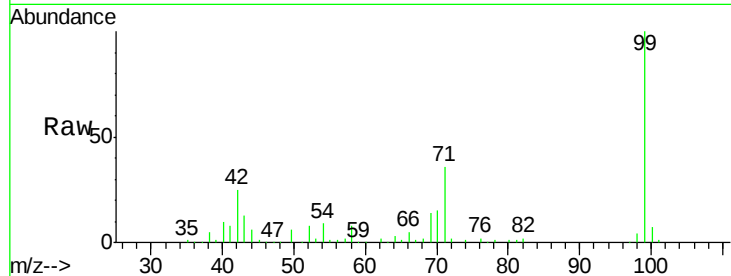
Tgt Ion: 99 Resp: 257454

Ion Ratio Lower Upper

99 100

42 24.7 12.4 18.6#

71 36.4 22.9 34.3#



#19

n-Nitroso-di-n-propylamine

Concen: 15.66 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.16 min

Lab File: BF080486.D

Acq: 15 Jul 2015 12:02

Tgt Ion: 70 Resp: 21405

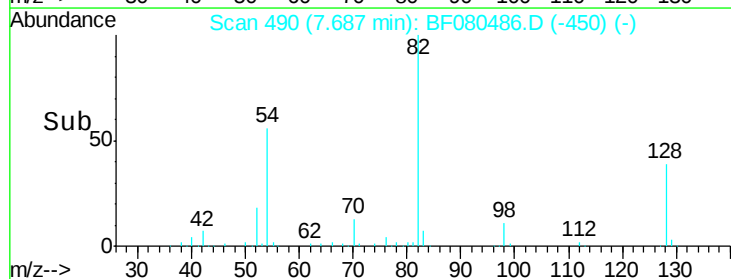
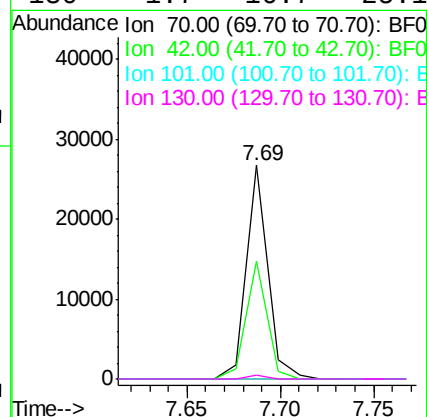
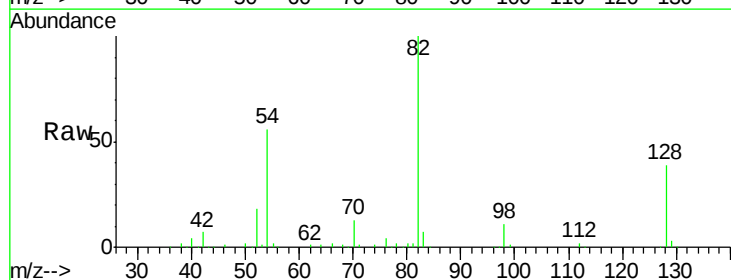
Ion Ratio Lower Upper

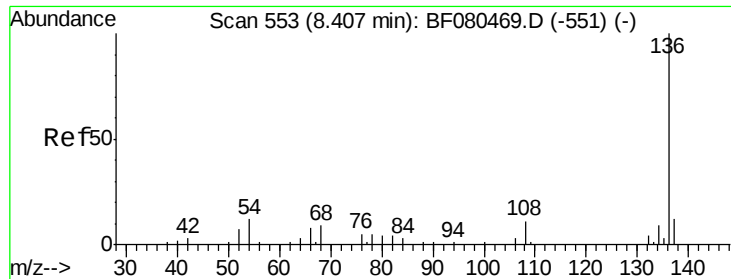
70 100

42 55.4 48.0 72.0

101 0.0 7.8 11.6#

130 1.7 16.7 25.1#

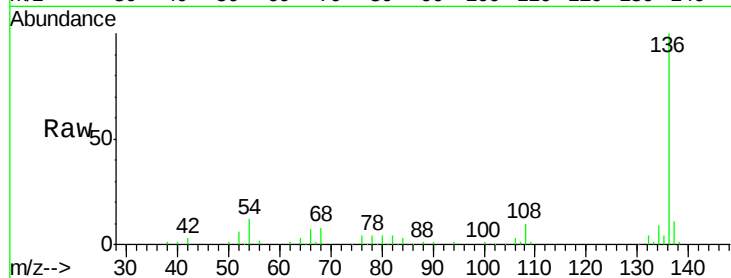




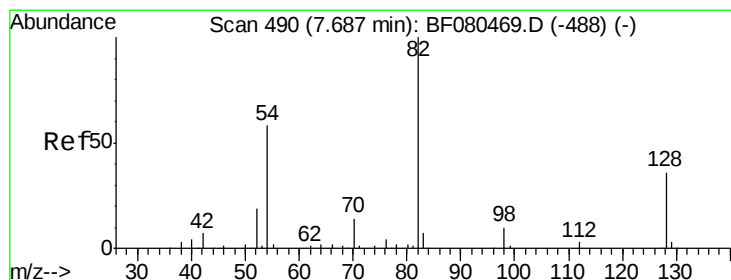
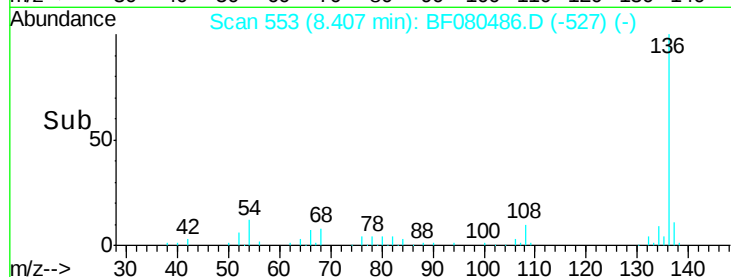
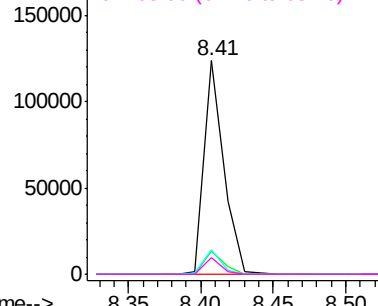
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF080486.D
Acq: 15 Jul 2015 12:02

Instrument :
BNA_F
ClientSampleId :
TP-7D78

Tgt Ion:	136	Resp:	116396
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.5	14.3
54	11.7	9.8	14.8
68	7.6	7.0	10.4

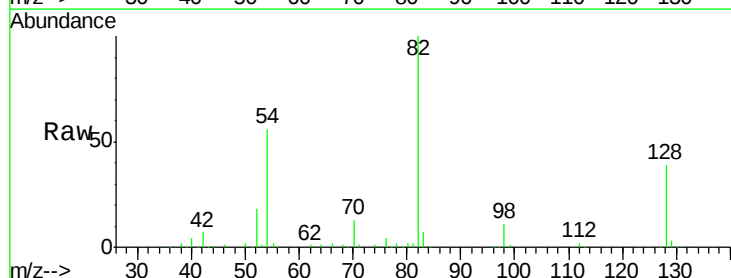


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

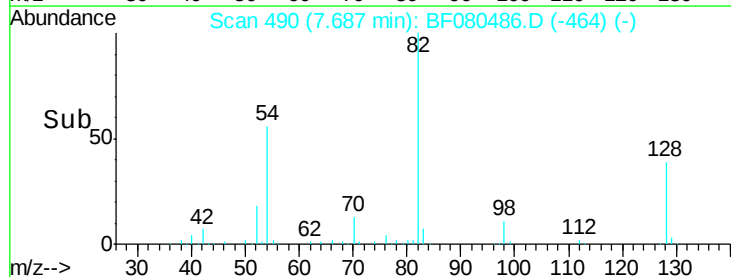
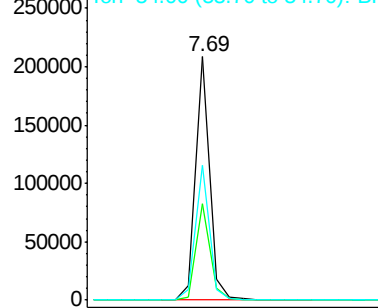


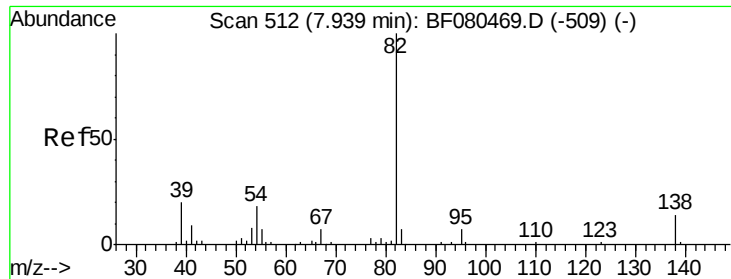
#23
Nitrobenzene-d5
Concen: 78.88 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.00 min
Lab File: BF080486.D
Acq: 15 Jul 2015 12:02

Tgt Ion:	82	Resp:	167707
Ion	Ratio	Lower	Upper
82	100		
128	39.4	29.0	43.4
54	55.6	46.4	69.6



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: 42.72 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.25 min

Lab File: BF080486.D

Acq: 15 Jul 2015 12:02

Instrument :

BNA_F

ClientSampleId :

TP-7D78

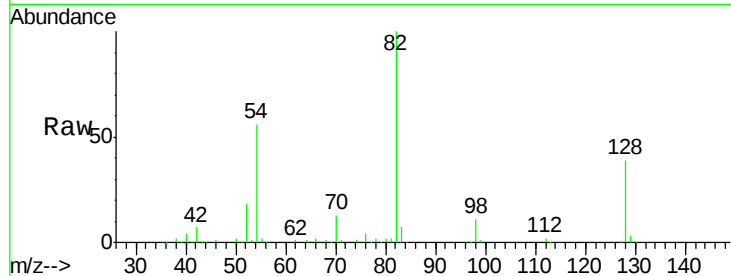
Tgt Ion: 82 Resp: 167725

Ion Ratio Lower Upper

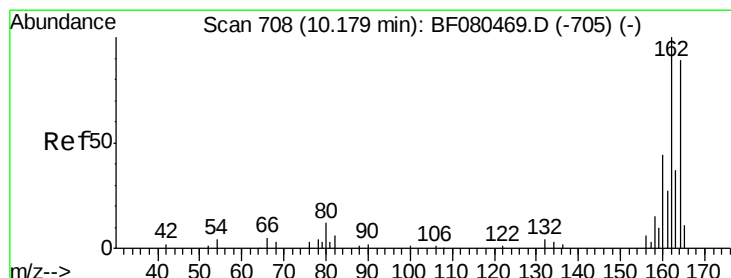
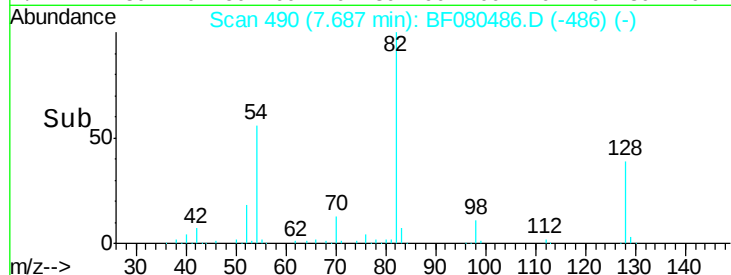
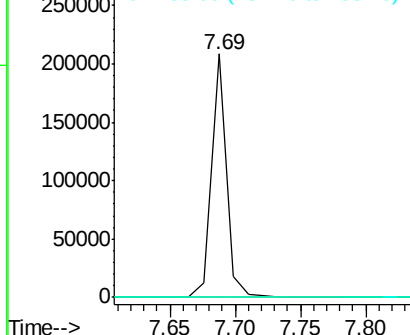
82 100

95 0.0 5.5 8.3#

138 0.0 10.8 16.2#



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: 10.17 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF080486.D

Acq: 15 Jul 2015 12:02

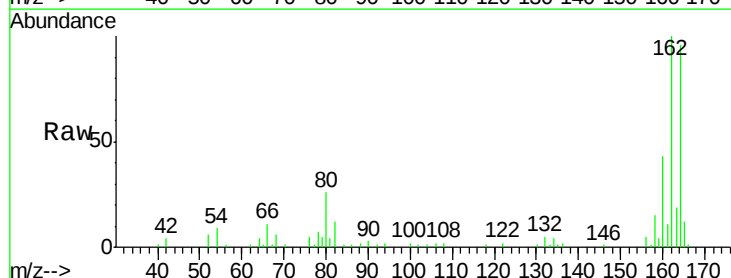
Tgt Ion: 164 Resp: 58478

Ion Ratio Lower Upper

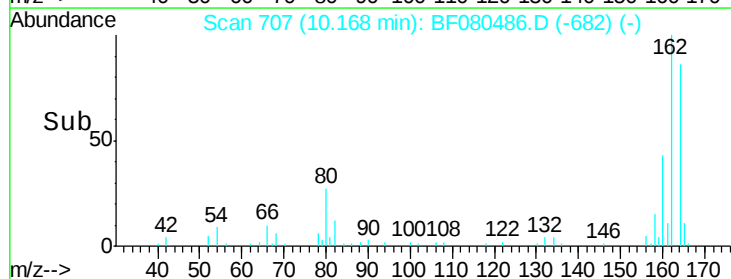
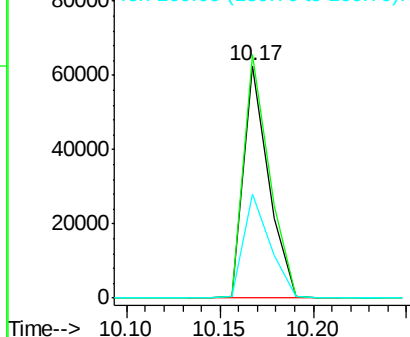
164 100

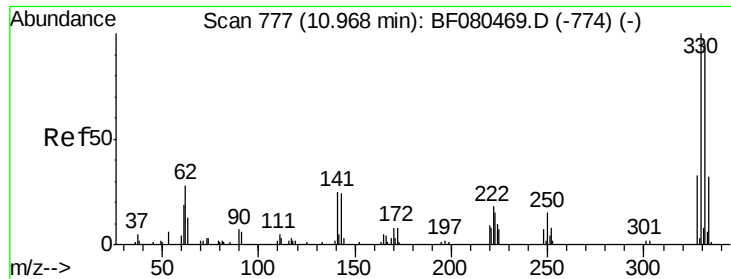
162 104.6 89.8 134.8

160 45.0 39.5 59.3



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

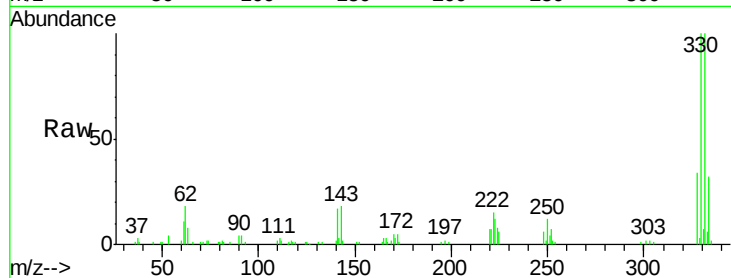




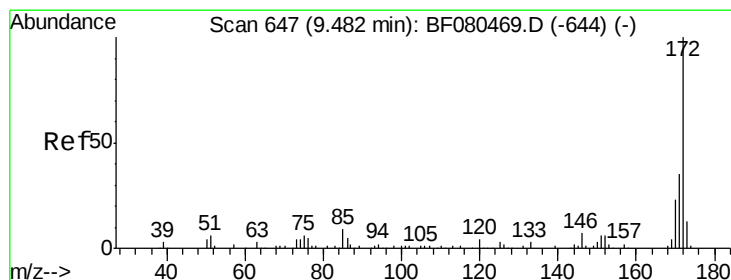
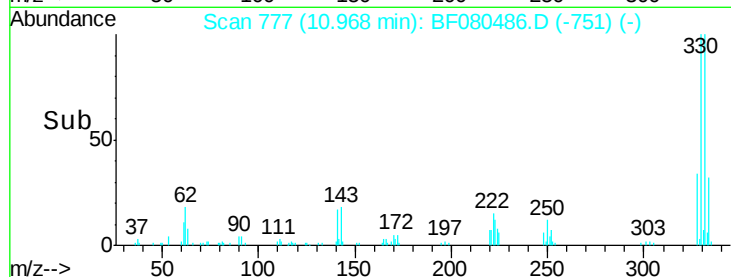
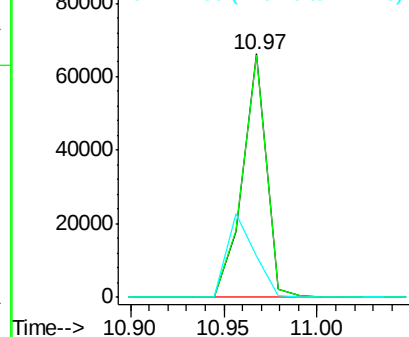
#41
 2,4,6-Tribromophenol
 Concen: 107.89 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF080486.D
 Acq: 15 Jul 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-7D78

Tgt Ion:330 Resp: 59638
 Ion Ratio Lower Upper
 330 100
 332 100.3 76.2 114.4
 141 39.9 29.8 44.6

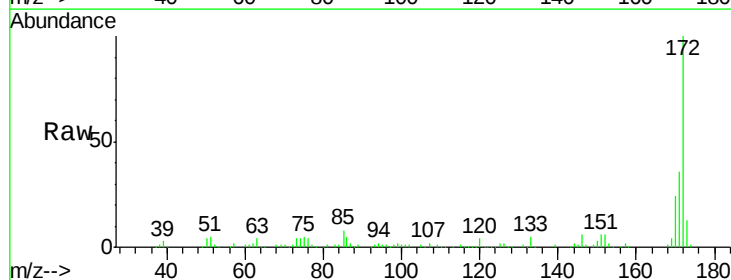


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

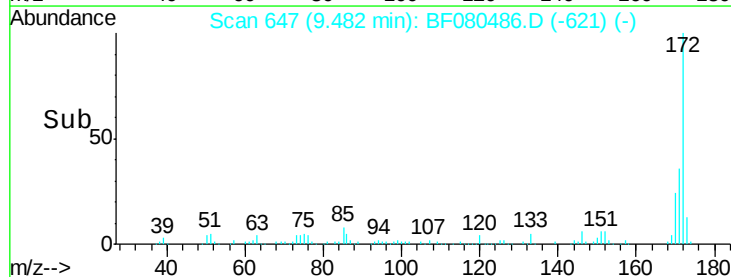
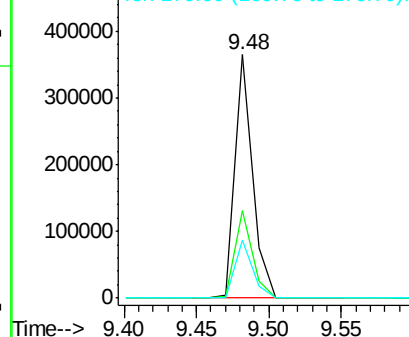


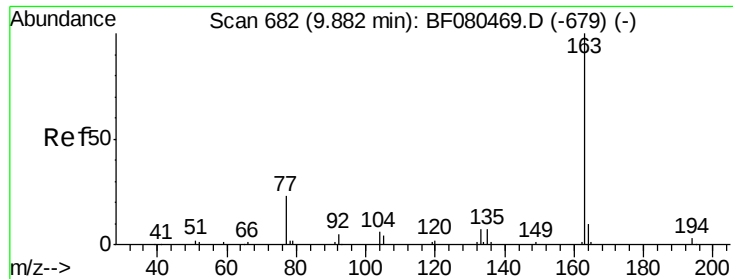
#44
 2-Fluorobiphenyl
 Concen: 72.06 ng
 RT: 9.48 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF080486.D
 Acq: 15 Jul 2015 12:02

Tgt Ion:172 Resp: 307575
 Ion Ratio Lower Upper
 172 100
 171 36.2 27.9 41.9
 170 23.7 18.5 27.7



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

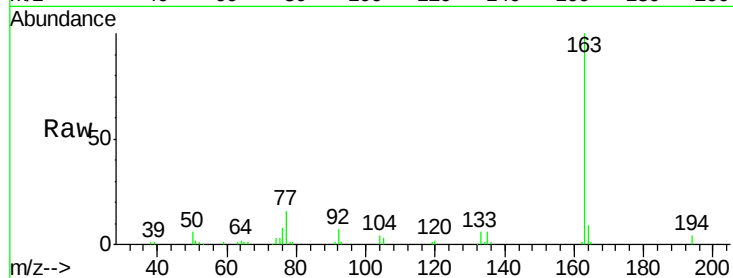




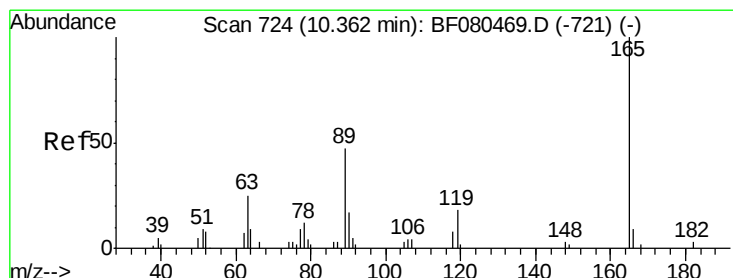
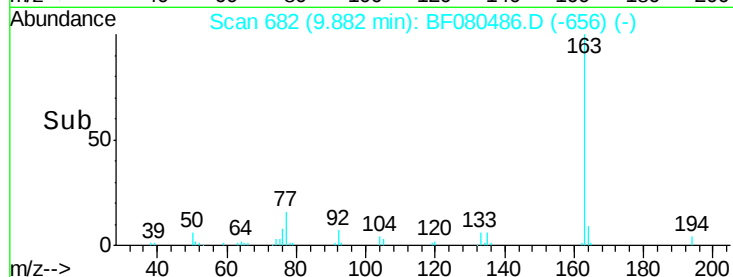
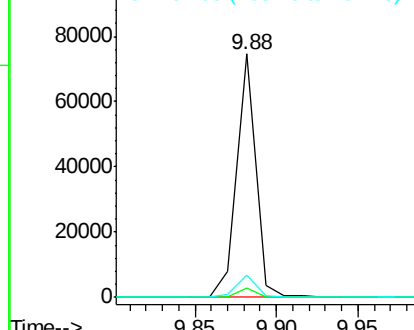
#49
Dimethylphthalate
Concen: 12.90 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF080486.D
Acq: 15 Jul 2015 12:02

Instrument :
BNA_F
ClientSampleId :
TP-7D78

Tgt Ion:163 Resp: 59708
Ion Ratio Lower Upper
163 100
194 3.6 2.6 3.8
164 9.4 8.1 12.1

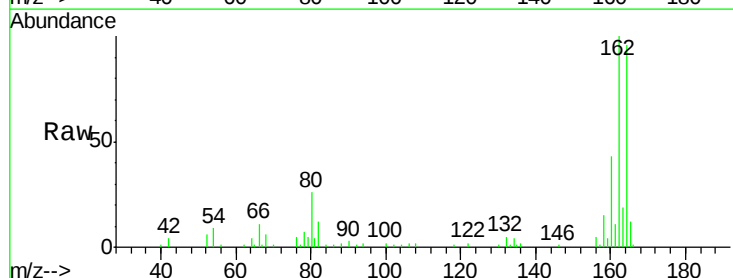


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

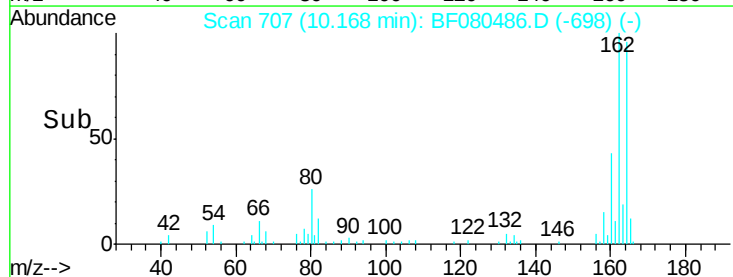
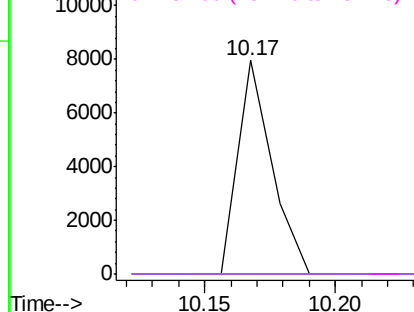


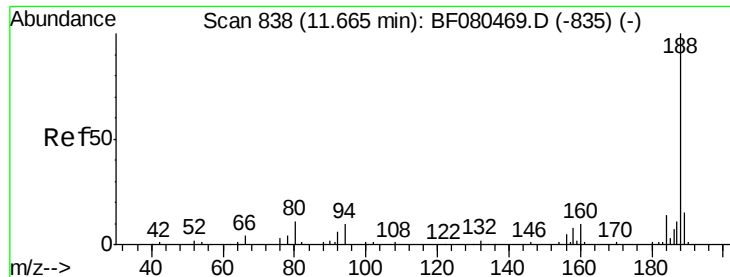
#56
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.19 min
Lab File: BF080486.D
Acq: 15 Jul 2015 12:02

Tgt Ion:165 Resp: 7253
Ion Ratio Lower Upper
165 100
63 0.0 21.7 32.5#
89 0.0 37.4 56.2#
182 0.0 2.2 3.2#



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

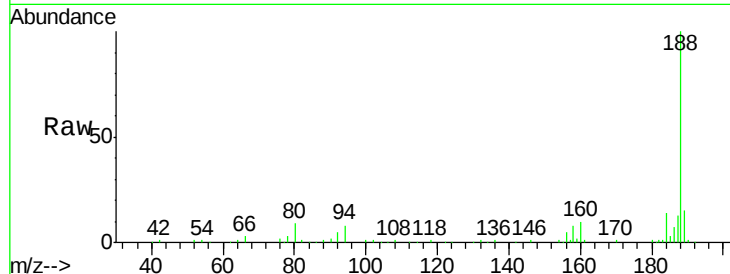




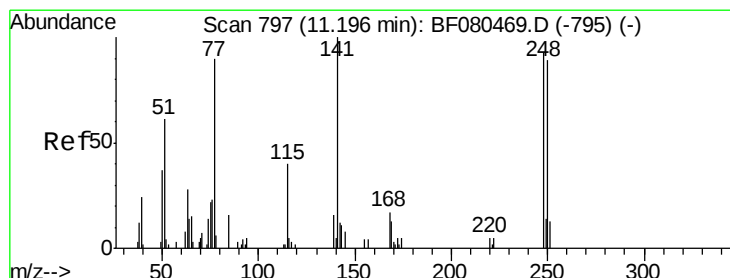
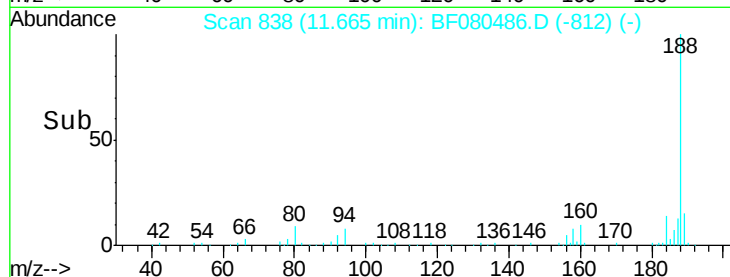
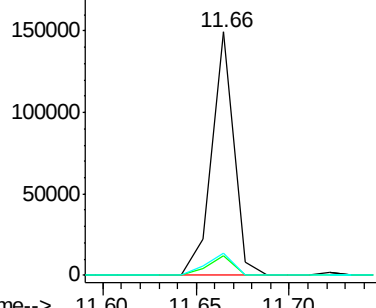
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.66 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF080486.D
Acq: 15 Jul 2015 12:02

Instrument :
BNA_F
ClientSampleId :
TP-7D78

Tgt Ion:188 Resp: 124109
Ion Ratio Lower Upper
188 100
94 8.0 7.7 11.5
80 8.9 8.8 13.2

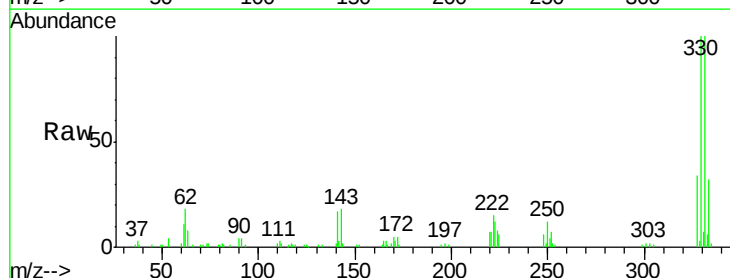


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

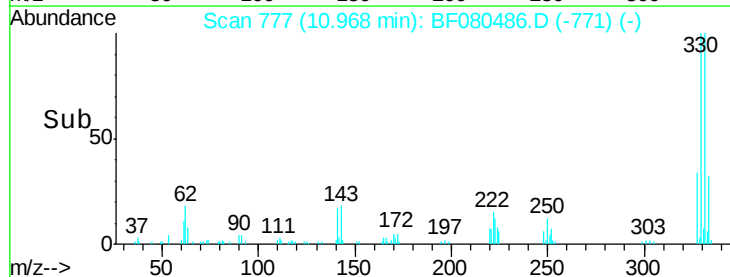
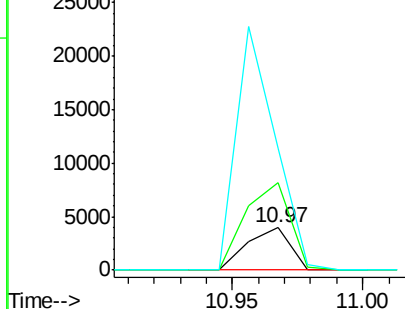


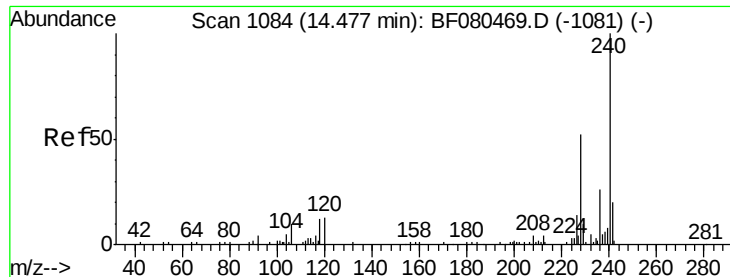
#66
4-Bromophenyl-phenylether
Concen: 3.64 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.23 min
Lab File: BF080486.D
Acq: 15 Jul 2015 12:02

Tgt Ion:248 Resp: 4502
Ion Ratio Lower Upper
248 100
250 206.1 76.8 115.2#
141 289.4 86.3 129.5#



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: 14.55 min Scan# 1090

Delta R.T. 0.07 min

Lab File: BF080486.D

Acq: 15 Jul 2015 12:02

Instrument :

BNA_F

ClientSampleId :

TP-7D78

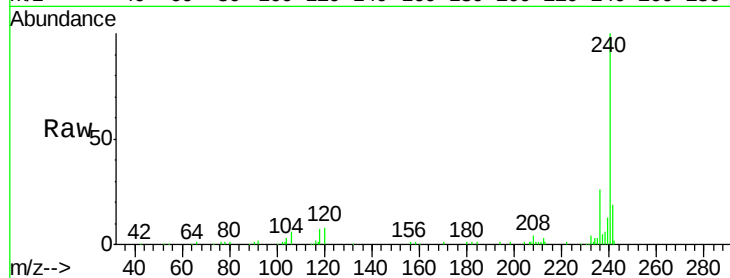
Tgt Ion:240 Resp: 120655

Ion Ratio Lower Upper

240 100

120 7.8 10.2 15.4#

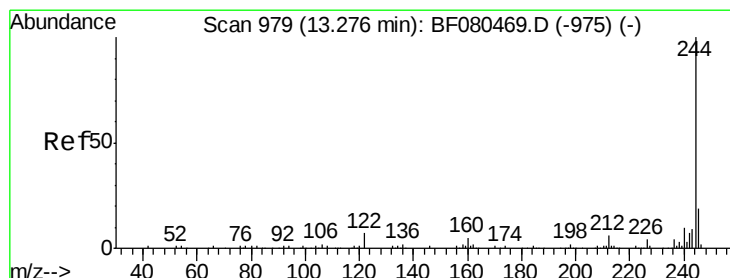
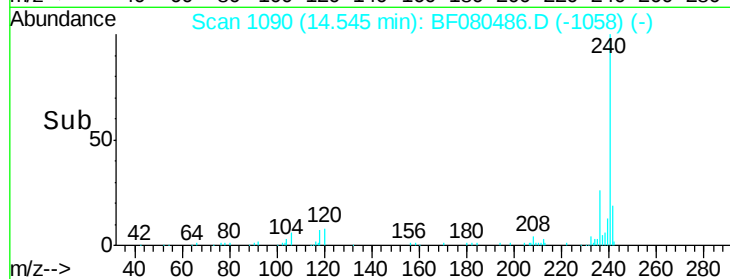
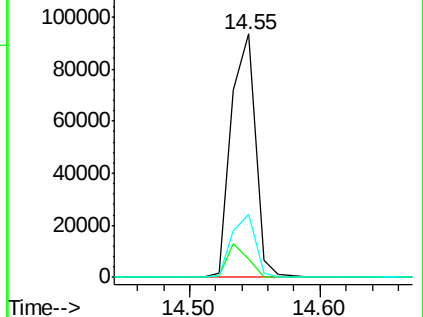
236 25.9 20.6 30.8



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: 71.27 ng

RT: 13.31 min Scan# 982

Delta R.T. 0.03 min

Lab File: BF080486.D

Acq: 15 Jul 2015 12:02

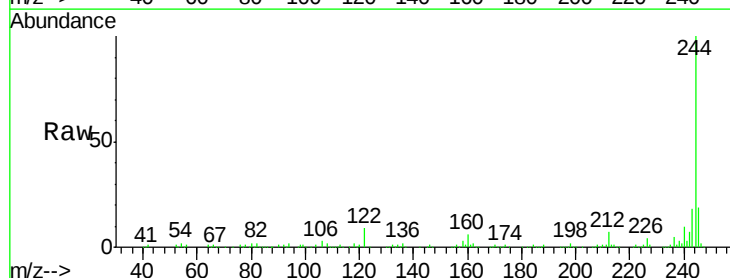
Tgt Ion:244 Resp: 356762

Ion Ratio Lower Upper

244 100

212 6.7 4.9 7.3

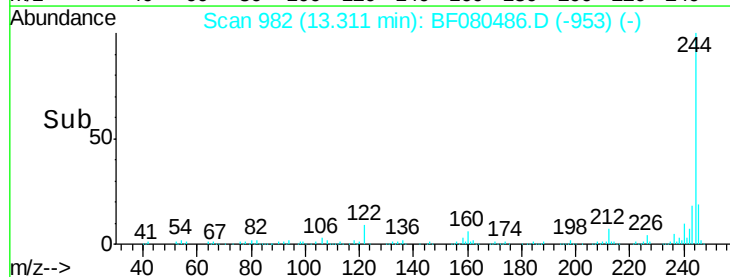
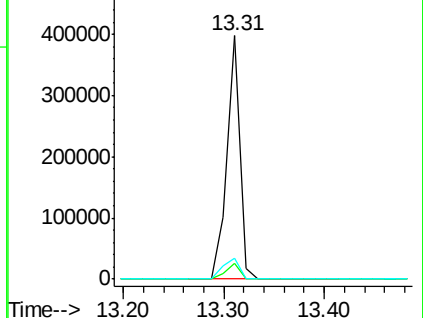
122 8.8 5.2 7.8#

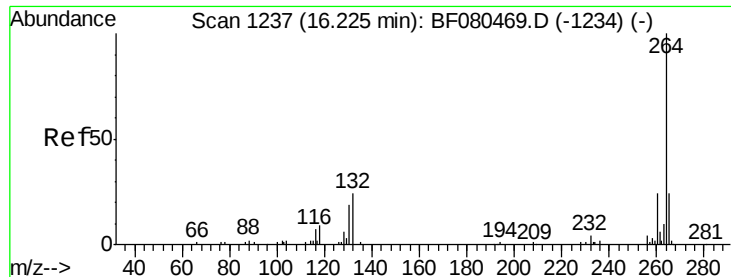


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

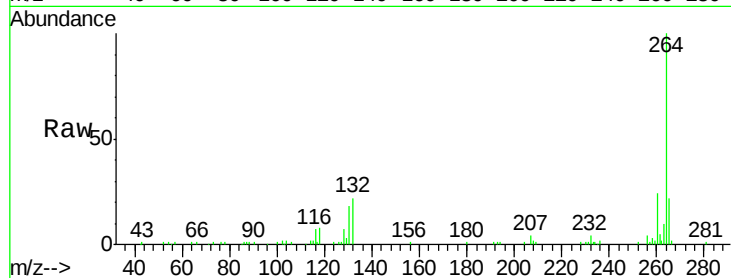




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.31 min Scan# 1244
Delta R.T. 0.08 min
Lab File: BF080486.D
Acq: 15 Jul 2015 12:02

Instrument :
BNA_F
ClientSampleId :
TP-7D78

Tgt Ion: 264 Resp: 113591
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 21.5 18.9 28.3



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

