

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071415\
 Data File : BF080490.D
 Acq On : 15 Jul 2015 13:59
 Operator : TP/UM
 Sample : G2973-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9S

Quant Time: Jul 15 16:11:33 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

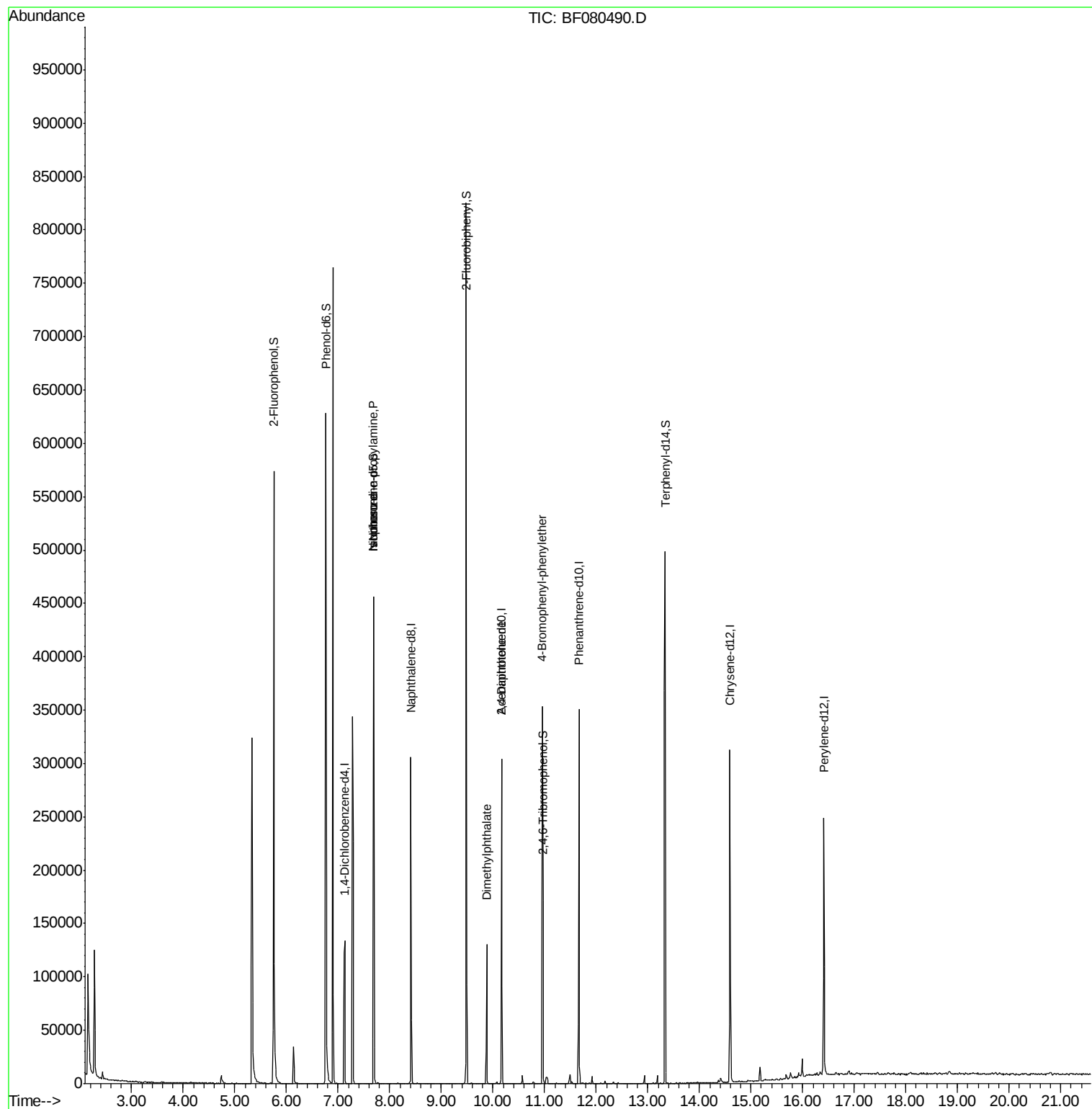
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	29072	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	124566	20.00	ng	0.00
38) Acenaphthene-d10	10.17	164	59128	20.00	ng	-0.01
63) Phenanthrene-d10	11.67	188	120959	20.00	ng	0.00
75) Chrysene-d12	14.59	240	123479	20.00	ng	0.11
86) Perylene-d12	16.41	264	118845	20.00	ng	0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	153039	86.04	ng	0.00
7) Phenol-d6	6.76	99	207903	95.52	ng	-0.01
23) Nitrobenzene-d5	7.69	82	129807	57.05	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	37784	67.61	ng	0.00
44) 2-Fluorobiphenyl	9.48	172	222966	51.67	ng	0.00
78) Terphenyl-d14	13.33	244	215229	42.01	ng	0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.69	70	16904	11.47	ng	# 79
25) Isophorone	7.69	82	129802	30.89	ng	# 71
49) Dimethylphthalate	9.88	163	54993	11.75	ng	100
56) 2,4-Dinitrotoluene	10.17	165	7898	6.92	ng	# 38
66) 4-Bromophenyl-phenylether	10.96	248	3056	2.53	ng	# 1
85) Indeno(1,2,3-cd)pyrene	18.07	276	1464	Below Cal		# 48

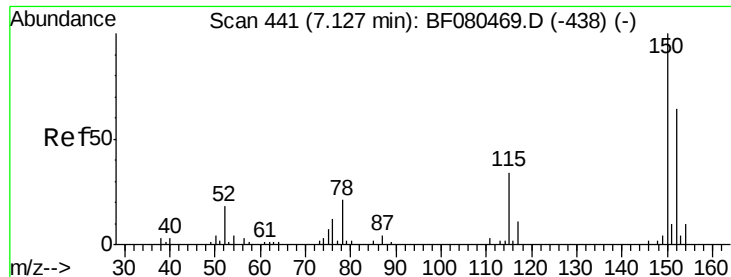
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071415\
Data File : BF080490.D
Acq On : 15 Jul 2015 13:59
Operator : TP/UM
Sample : G2973-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9S

Quant Time: Jul 15 16:11:33 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



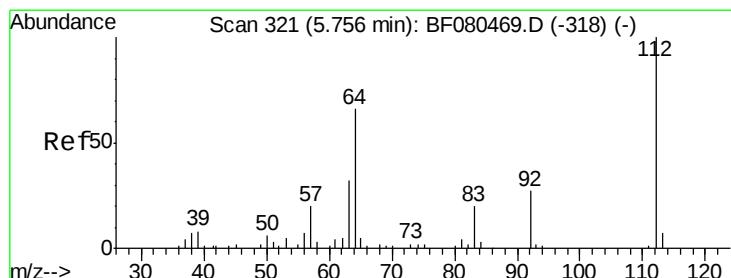
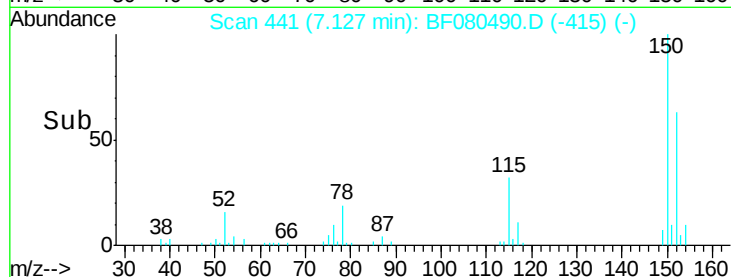
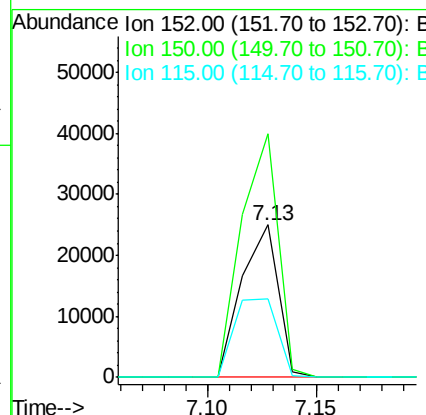
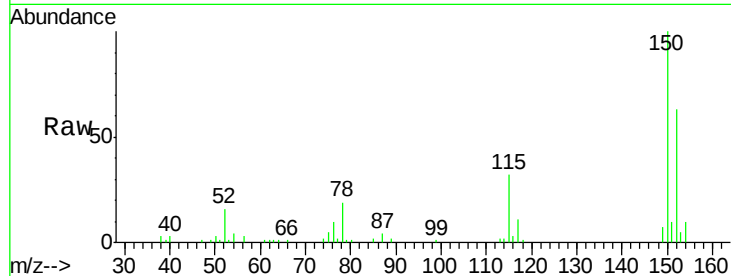


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF080490.D
Acq: 15 Jul 2015 13:59

Instrument :
BNA_F
ClientSampleId :
TP-9S

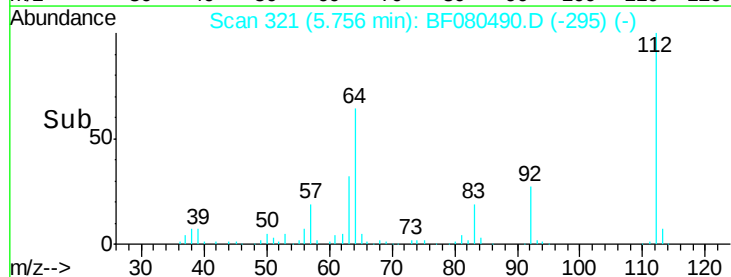
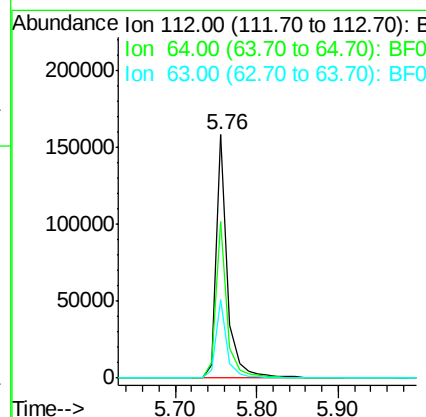
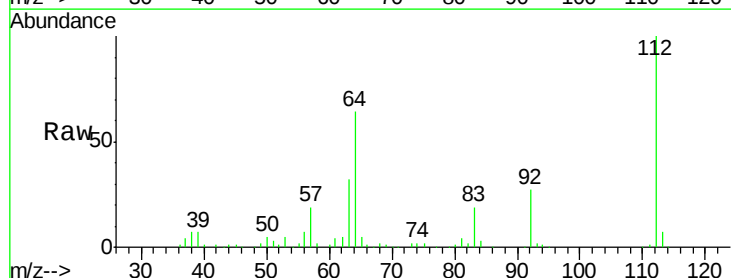
Tgt Ion:152 Resp: 29072
Ion Ratio Lower Upper
152 100
150 159.7 125.5 188.3
115 51.6 42.9 64.3

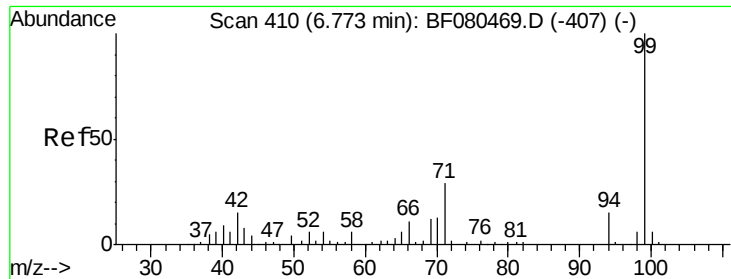


#5

2-Fluorophenol
Concen: 86.04 ng
RT: 5.76 min Scan# 321
Delta R.T. 0.00 min
Lab File: BF080490.D
Acq: 15 Jul 2015 13:59

Tgt Ion:112 Resp: 153039
Ion Ratio Lower Upper
112 100
64 64.5 52.6 79.0
63 32.5 25.9 38.9





#7

Phenol-d6

Concen: 95.52 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF080490.D

Acq: 15 Jul 2015 13:59

Instrument :

BNA_F

ClientSampleId :

TP-9S

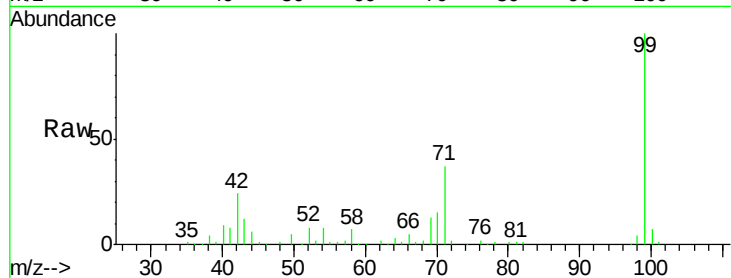
Tgt Ion: 99 Resp: 207903

Ion Ratio Lower Upper

99 100

42 24.0 12.4 18.6#

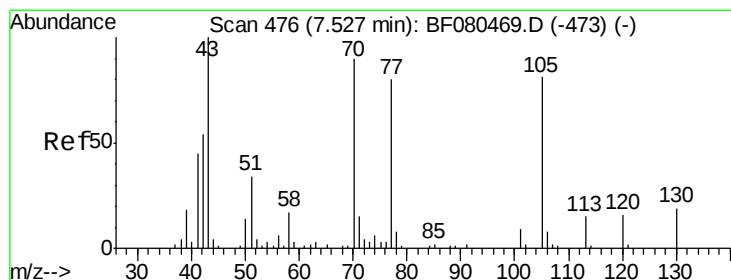
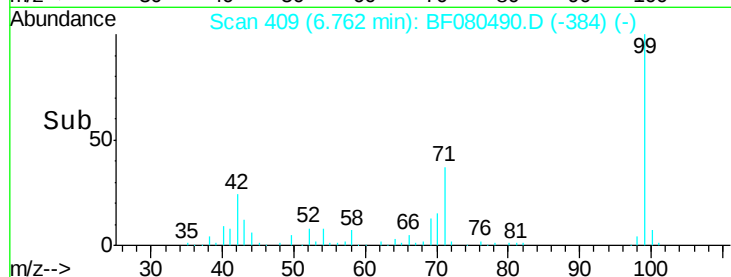
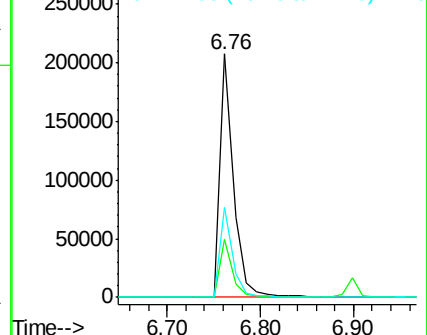
71 36.8 22.9 34.3#



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: 11.47 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.16 min

Lab File: BF080490.D

Acq: 15 Jul 2015 13:59

Tgt Ion: 70 Resp: 16904

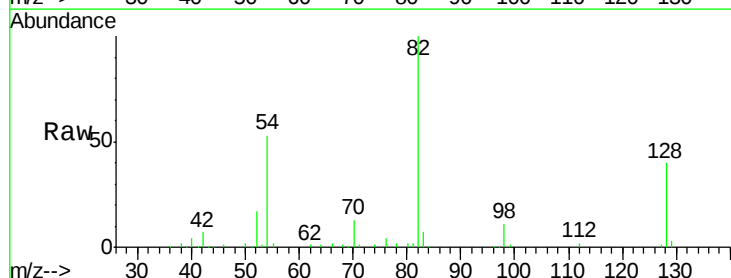
Ion Ratio Lower Upper

70 100

42 50.7 48.0 72.0

101 0.0 7.8 11.6#

130 0.0 16.7 25.1#

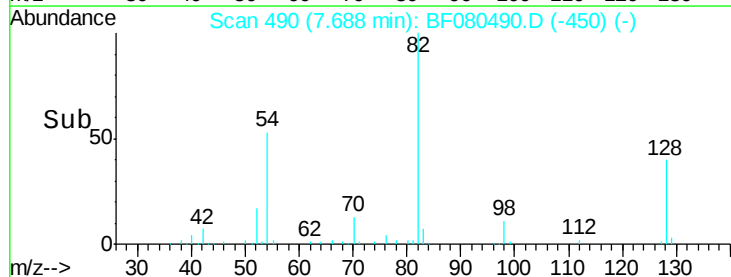
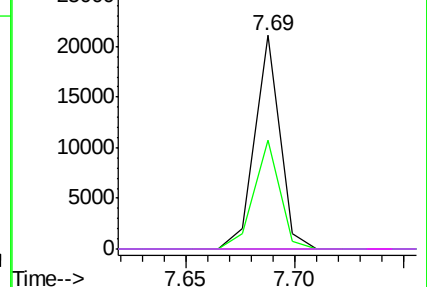


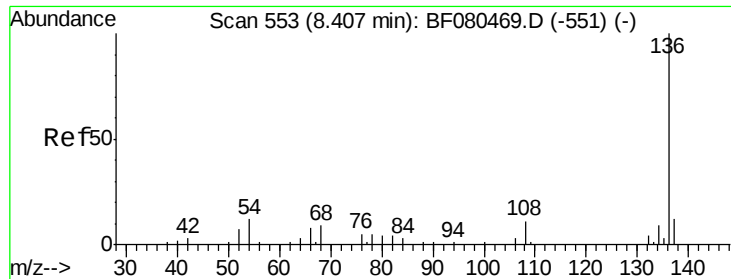
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

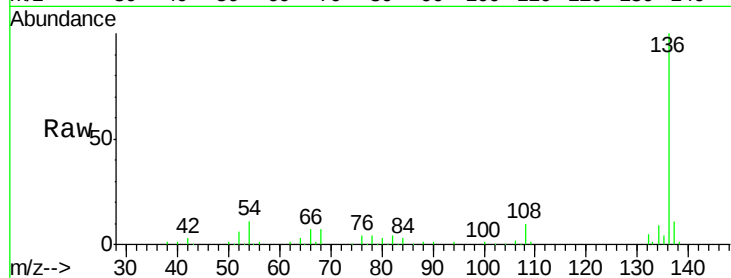




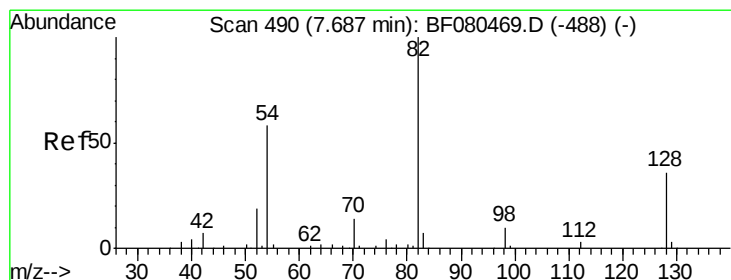
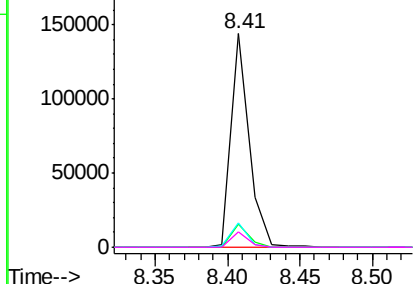
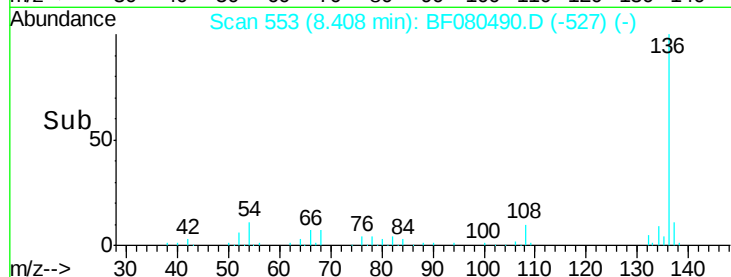
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.41 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF080490.D
Acq: 15 Jul 2015 13:59

Instrument :
BNA_F
ClientSampleId :
TP-9S

Tgt Ion:	136	Resp:	124566
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.5	14.3
54	11.2	9.8	14.8
68	7.4	7.0	10.4

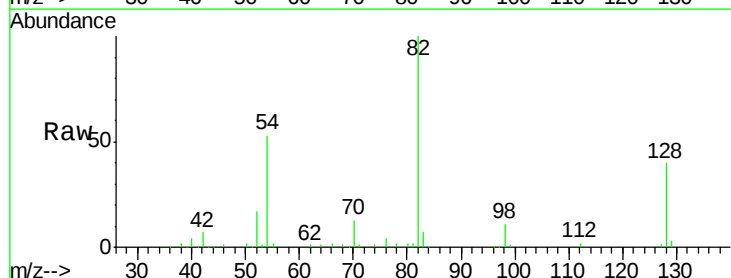


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

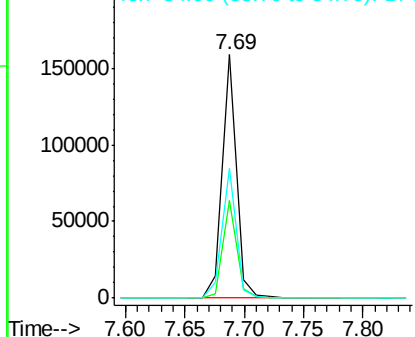
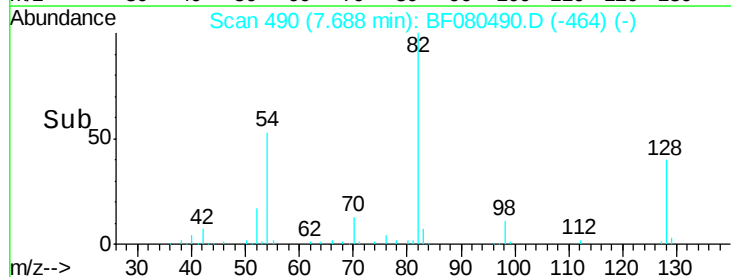


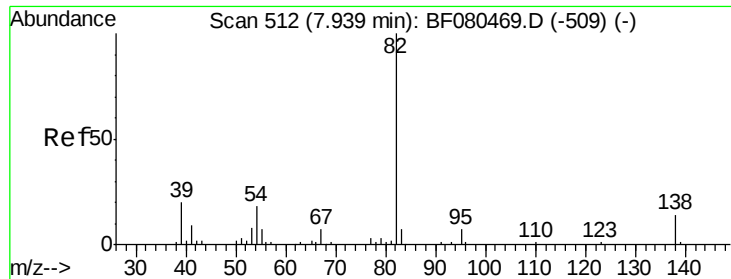
#23
Nitrobenzene-d5
Concen: 57.05 ng
RT: 7.69 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF080490.D
Acq: 15 Jul 2015 13:59

Tgt Ion:	82	Resp:	129807
Ion	Ratio	Lower	Upper
82	100		
128	40.0	29.0	43.4
54	53.3	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: 30.89 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.25 min

Lab File: BF080490.D

Acq: 15 Jul 2015 13:59

Instrument :

BNA_F

ClientSampleId :

TP-9S

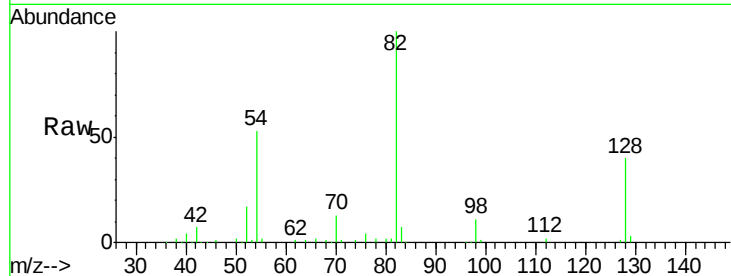
Tgt Ion: 82 Resp: 129802

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

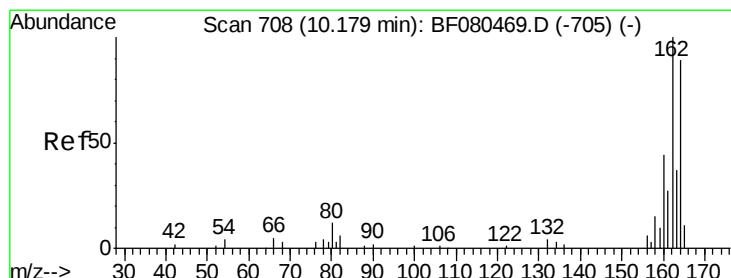
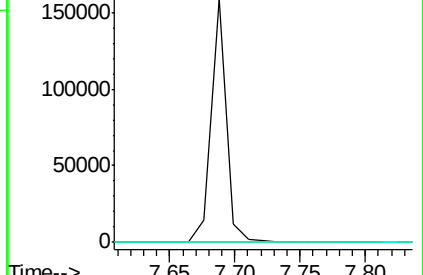
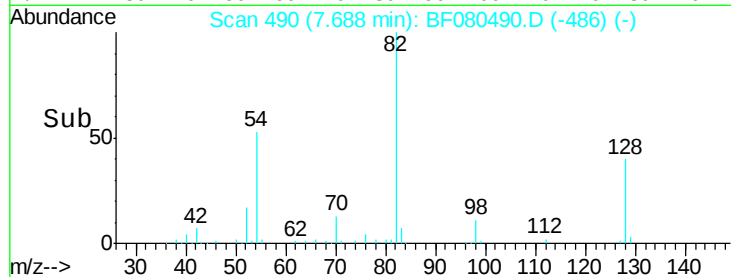
138 0.0 10.8 16.2#



Abundance Ion 82.00 (81.70 to 82.70): BF080490.D (-486) (-)

Ion 95.00 (94.70 to 95.70): BF080490.D (-486) (-)

Ion 138.00 (137.70 to 138.70): BF080490.D (-486) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF080490.D

Acq: 15 Jul 2015 13:59

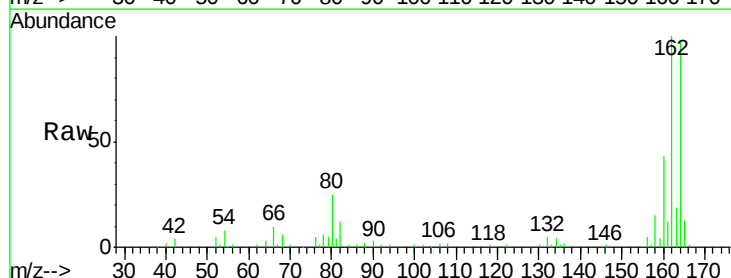
Tgt Ion: 164 Resp: 59128

Ion Ratio Lower Upper

164 100

162 103.5 89.8 134.8

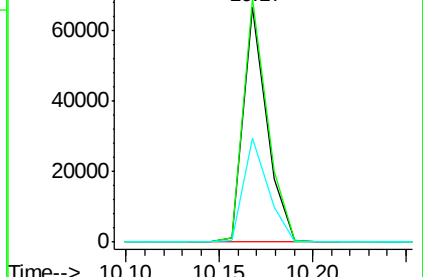
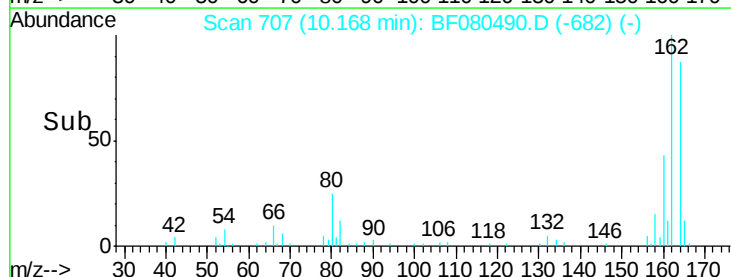
160 44.3 39.5 59.3

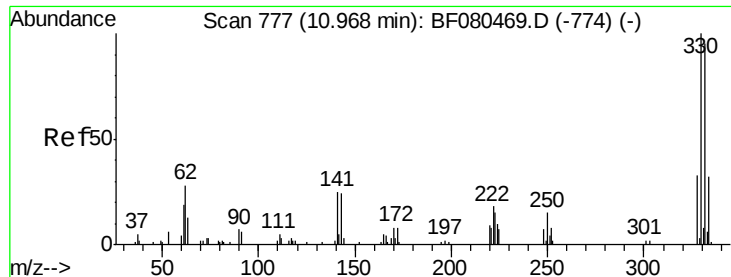


Abundance Ion 164.00 (163.70 to 164.70): BF080490.D (-682) (-)

Ion 162.00 (161.70 to 162.70): BF080490.D (-682) (-)

Ion 160.00 (159.70 to 160.70): BF080490.D (-682) (-)

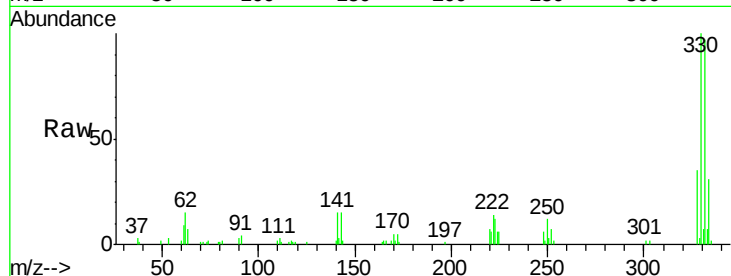




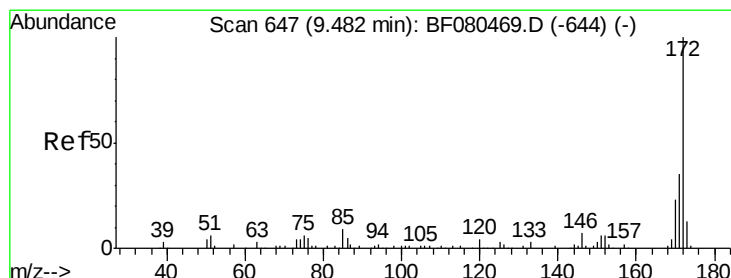
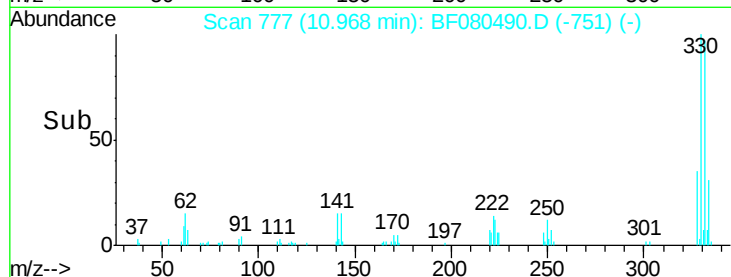
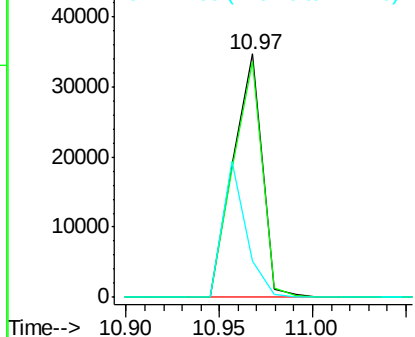
#41
 2,4,6-Tribromophenol
 Concen: 67.61 ng
 RT: 10.97 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF080490.D
 Acq: 15 Jul 2015 13:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-9S

Tgt Ion:330 Resp: 37784
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.2 114.4
 141 45.1 29.8 44.6#

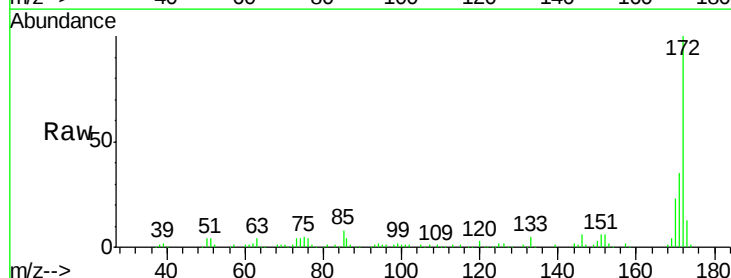


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

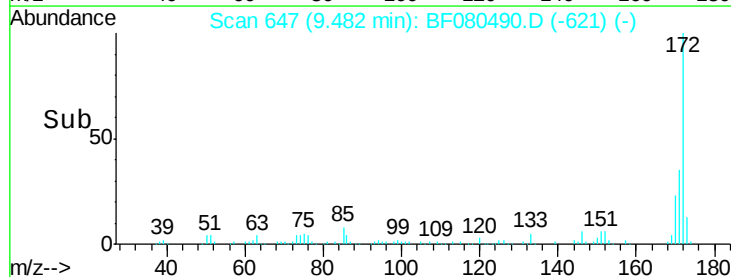
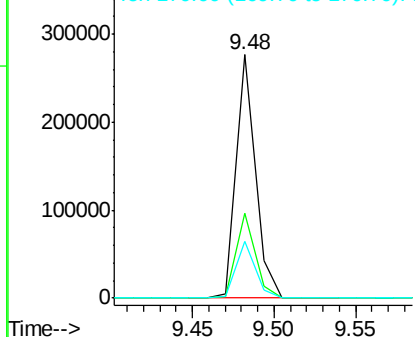


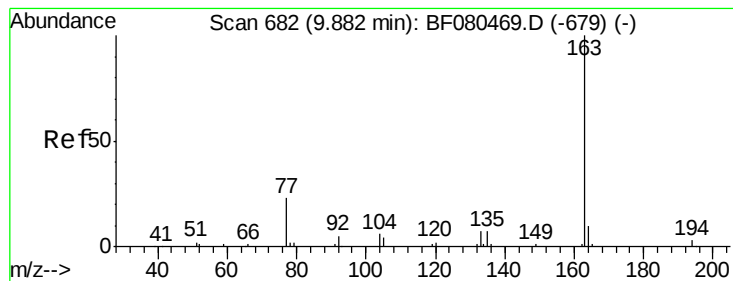
#44
 2-Fluorobiphenyl
 Concen: 51.67 ng
 RT: 9.48 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF080490.D
 Acq: 15 Jul 2015 13:59

Tgt Ion:172 Resp: 222966
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.9 41.9
 170 23.3 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: 11.75 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF080490.D

Acq: 15 Jul 2015 13:59

Instrument :

BNA_F

ClientSampleId :

TP-9S

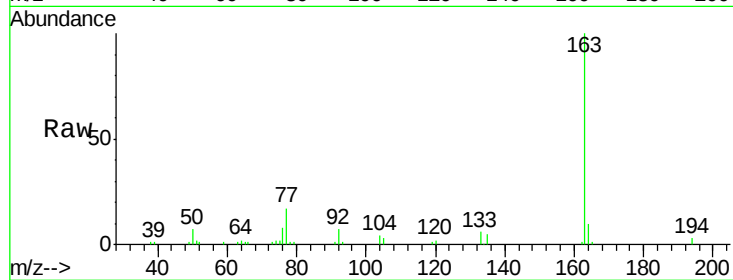
Tgt Ion:163 Resp: 54993

Ion Ratio Lower Upper

163 100

194 3.4 2.6 3.8

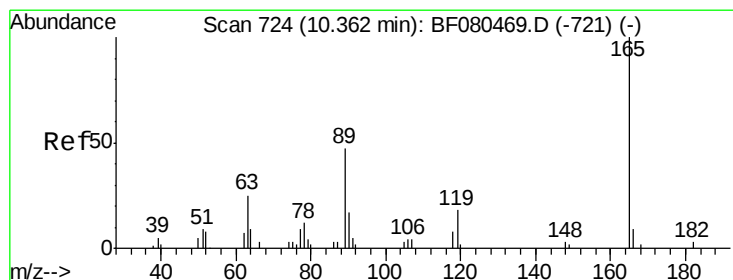
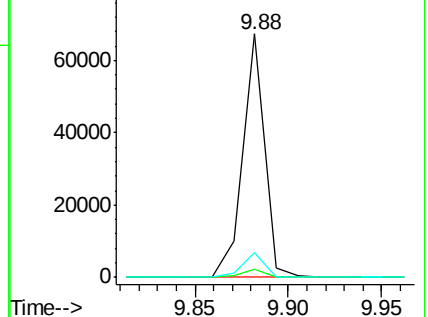
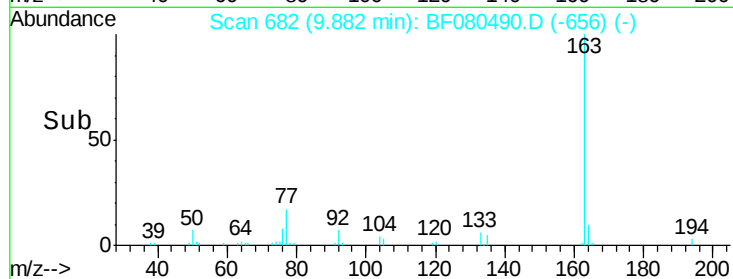
164 10.1 8.1 12.1



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: 6.92 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.19 min

Lab File: BF080490.D

Acq: 15 Jul 2015 13:59

Tgt Ion:165 Resp: 7898

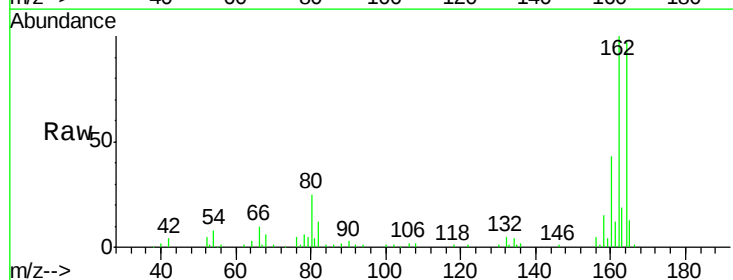
Ion Ratio Lower Upper

165 100

63 0.0 21.7 32.5#

89 0.0 37.4 56.2#

182 0.0 2.2 3.2#

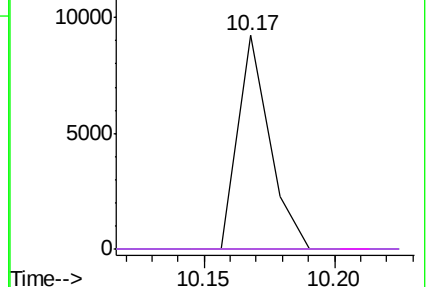
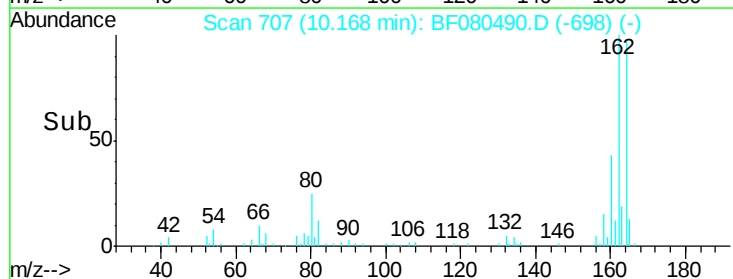


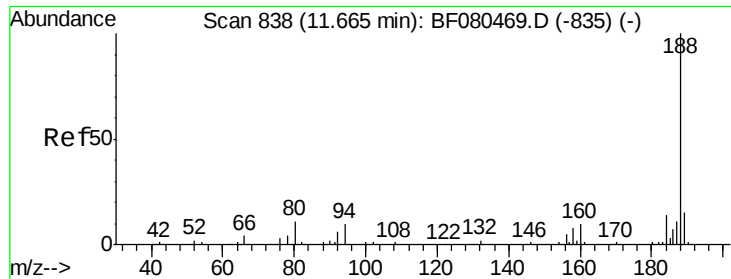
Abundance Ion 165.00 (164.70 to 165.70): E

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

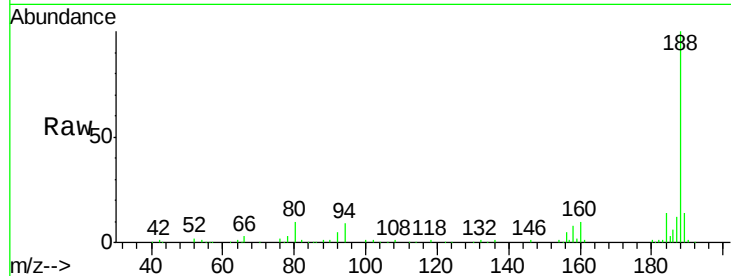




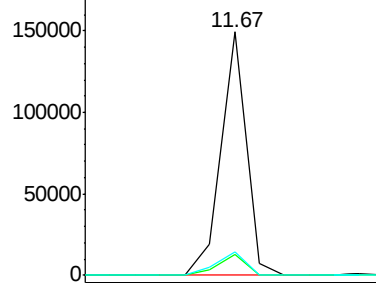
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.67 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF080490.D
 Acq: 15 Jul 2015 13:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-9S

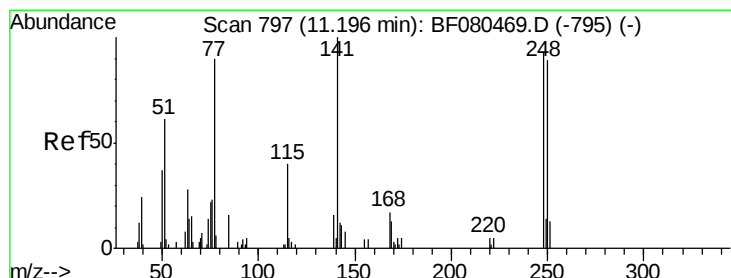
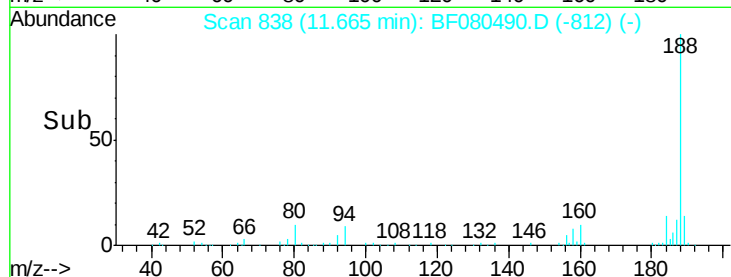
Tgt Ion:188 Resp: 120959
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.7 11.5
 80 9.6 8.8 13.2



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

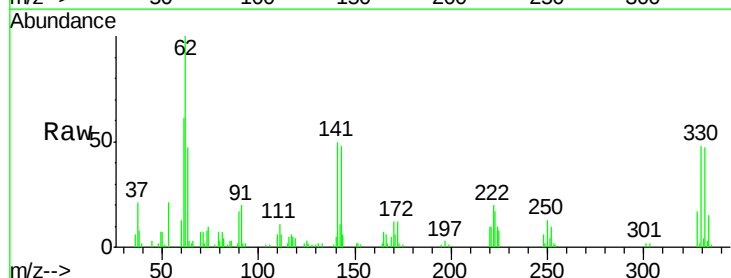


Time--> 11.60 11.65 11.70

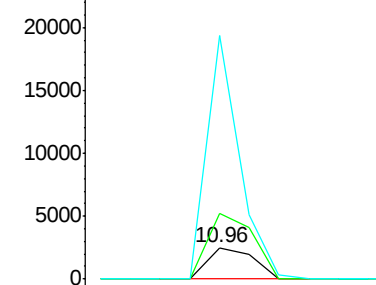


#66
 4-Bromophenyl-phenylether
 Concen: 2.53 ng
 RT: 10.96 min Scan# 776
 Delta R.T. -0.24 min
 Lab File: BF080490.D
 Acq: 15 Jul 2015 13:59

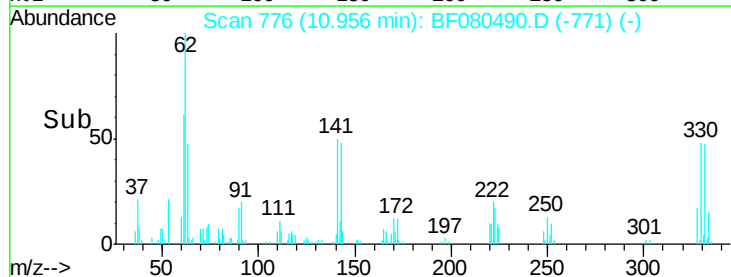
Tgt Ion:248 Resp: 3056
 Ion Ratio Lower Upper
 248 100
 250 207.7 76.8 115.2#
 141 776.9 86.3 129.5#

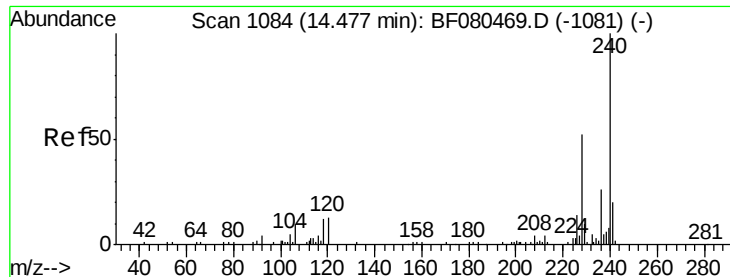


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time--> 10.95 11.00





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.59 min Scan# 1094

Delta R.T. 0.11 min

Lab File: BF080490.D

Acq: 15 Jul 2015 13:59

Instrument :

BNA_F

ClientSampleId :

TP-9S

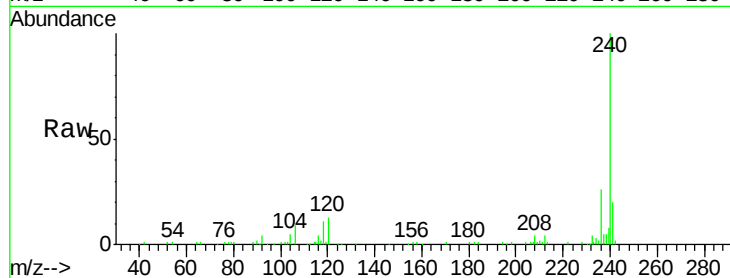
Tgt Ion:240 Resp: 123479

Ion Ratio Lower Upper

240 100

120 12.7 10.2 15.4

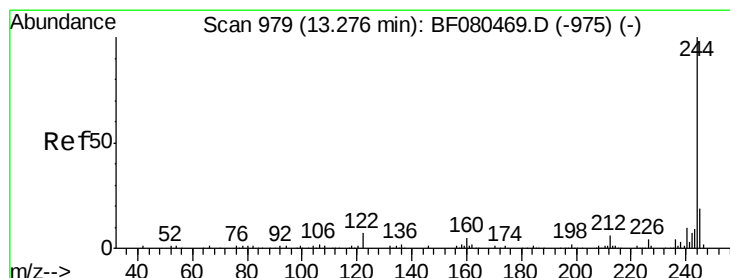
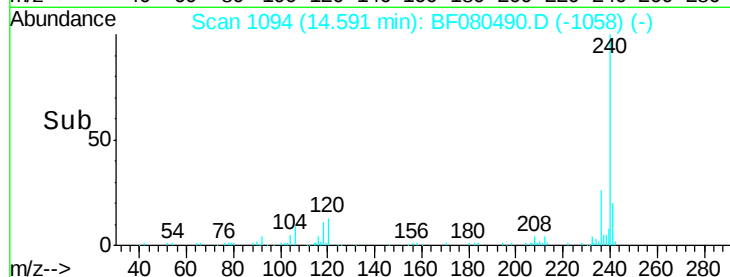
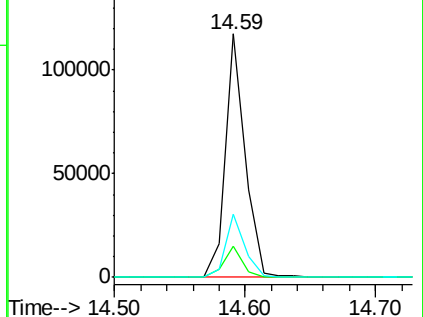
236 26.0 20.6 30.8



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: 42.01 ng

RT: 13.33 min Scan# 984

Delta R.T. 0.06 min

Lab File: BF080490.D

Acq: 15 Jul 2015 13:59

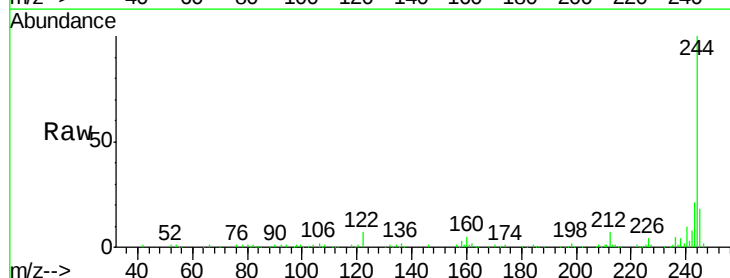
Tgt Ion:244 Resp: 215229

Ion Ratio Lower Upper

244 100

212 6.6 4.9 7.3

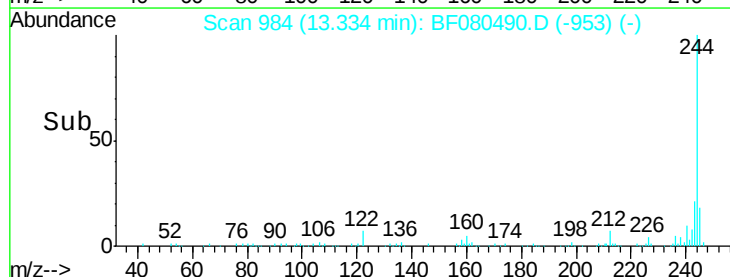
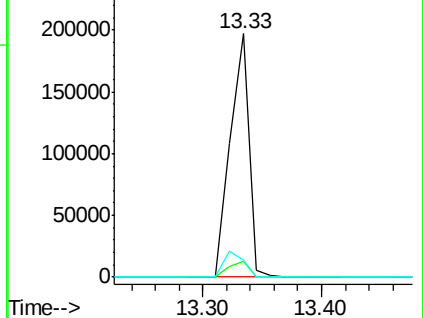
122 7.1 5.2 7.8

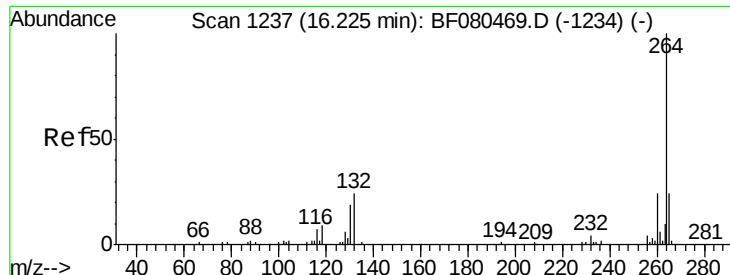


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.41 min Scan# 1253

Delta R.T. 0.18 min

Lab File: BF080490.D

Acq: 15 Jul 2015 13:59

Instrument :

BNA_F

ClientSampleId :

TP-9S

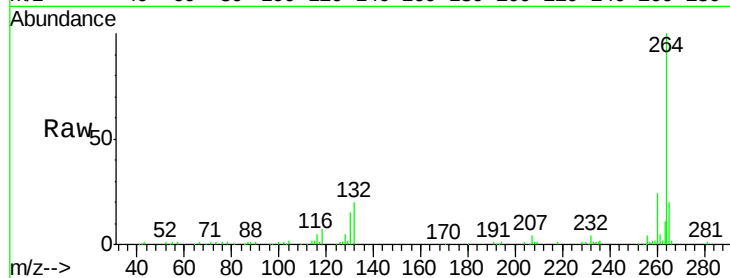
Tgt Ion: 264 Resp: 118845

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 20.0 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

