

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080174.D
 Acq On : 25 Jun 2015 19:09
 Operator : TP/IZ
 Sample : G2778-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NNESIDEWALL-062415

Quant Time: Jun 26 01:25:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 01:01:50 2015
 Response via : Initial Calibration

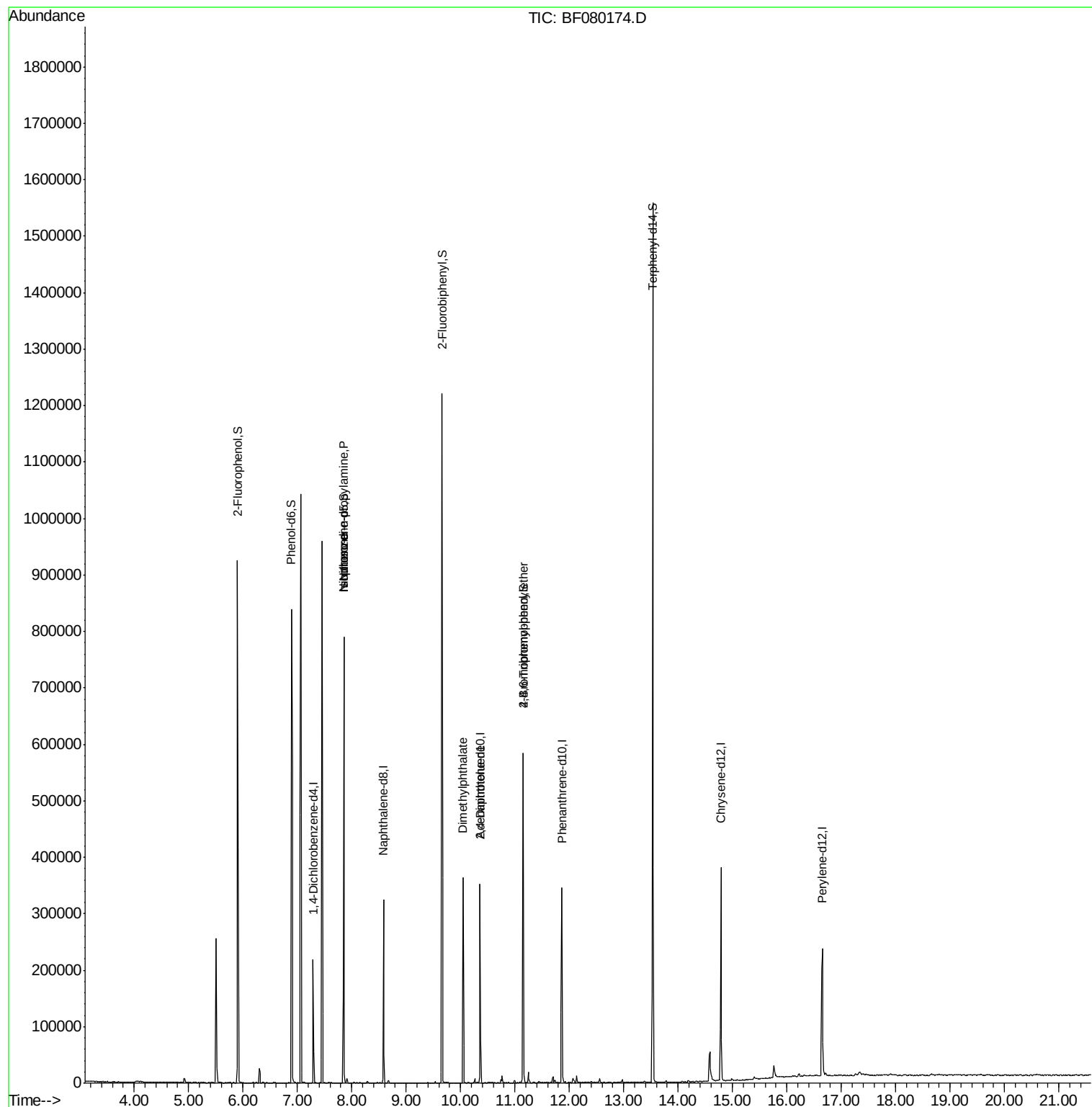
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	32262	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	128908	20.00	ng	0.00
38) Acenaphthene-d10	10.36	164	67057	20.00	ng	0.00
63) Phenanthrene-d10	11.86	188	136269	20.00	ng	0.00
75) Chrysene-d12	14.79	240	150148	20.00	ng	-0.03
86) Perylene-d12	16.65	264	141991	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	273121	149.86	ng	0.00
7) Phenol-d6	6.89	99	363616	149.93	ng	-0.01
23) Nitrobenzene-d5	7.85	82	229508	103.65	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	100676	153.54	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	382613	81.37	ng	-0.01
78) Terphenyl-d14	13.53	244	511299	79.53	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.85	70	29766	17.68	ng	# 58
25) Isophorone	7.85	82	194961	43.75	ng	# 58
49) Dimethylphthalate	10.05	163	140557	27.88	ng	# 97
56) 2,4-Dinitrotoluene	10.36	165	8378	6.53	ng	# 31
66) 4-Bromophenyl-phenylether	11.16	248	7059	4.87	ng	# 1

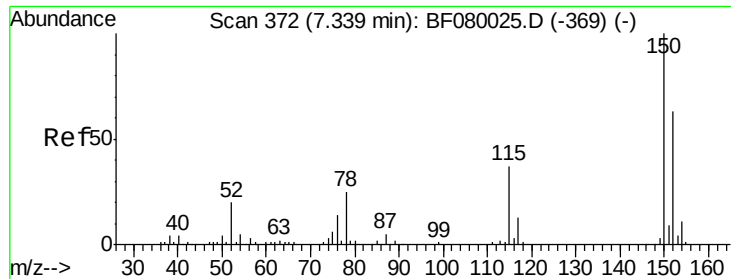
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 26 01:01:50 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF080174.D

Acq: 25 Jun 2015 19:09

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415

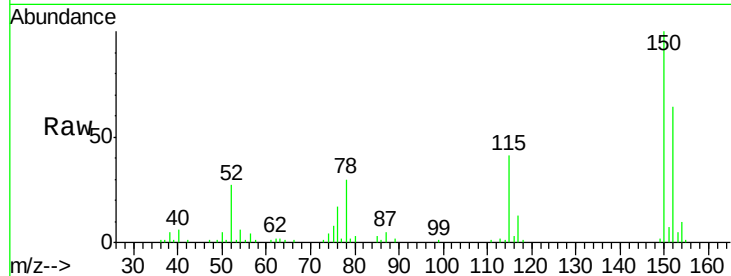
Tgt Ion:152 Resp: 32262

Ion Ratio Lower Upper

152 100

150 156.5 124.7 187.1

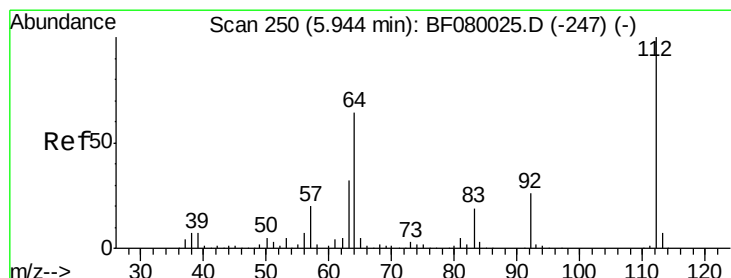
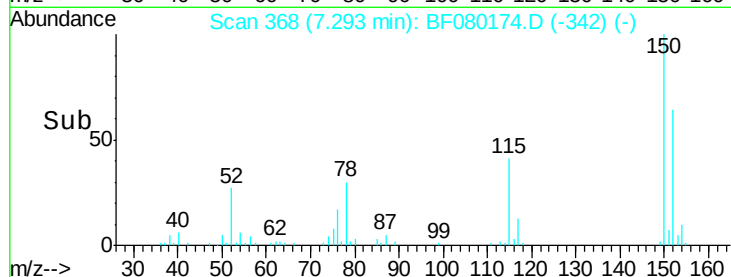
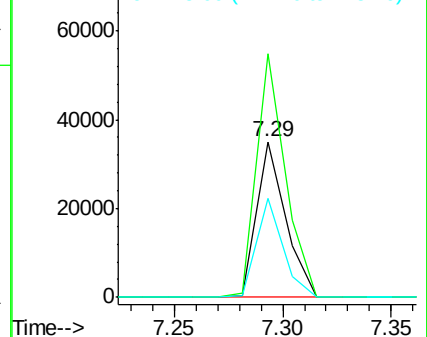
115 64.0 39.0 58.4#



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: 149.86 ng

RT: 5.90 min Scan# 246

Delta R.T. 0.00 min

Lab File: BF080174.D

Acq: 25 Jun 2015 19:09

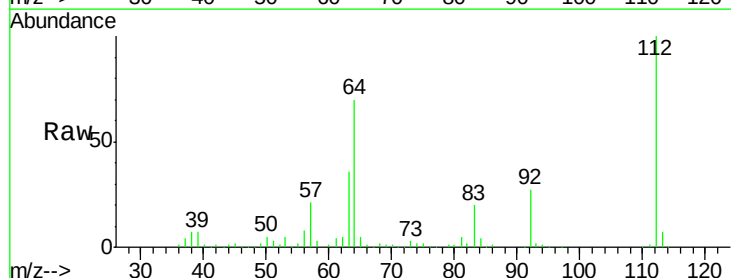
Tgt Ion:112 Resp: 273121

Ion Ratio Lower Upper

112 100

64 70.4 39.7 59.5#

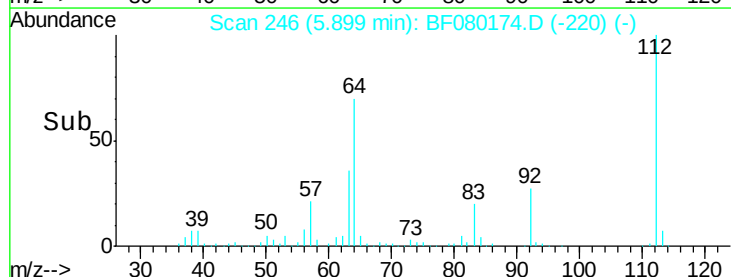
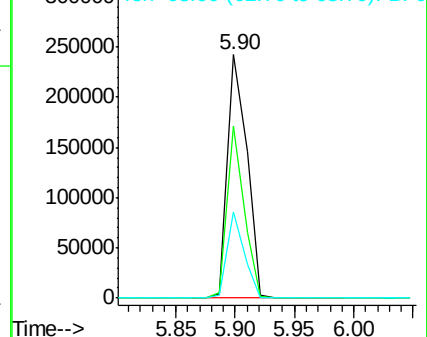
63 35.6 17.4 26.0#

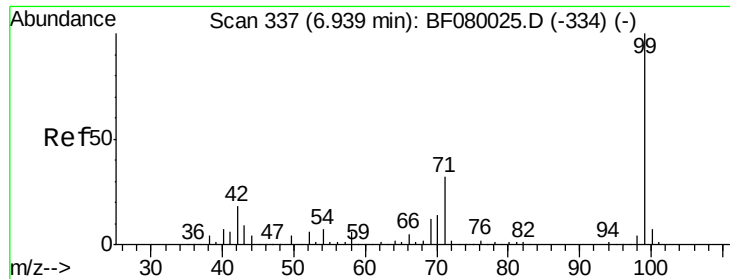


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 149.93 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF080174.D

Acq: 25 Jun 2015 19:09

Instrument :

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ClientSampleId :

NNESIDEWALL-062415

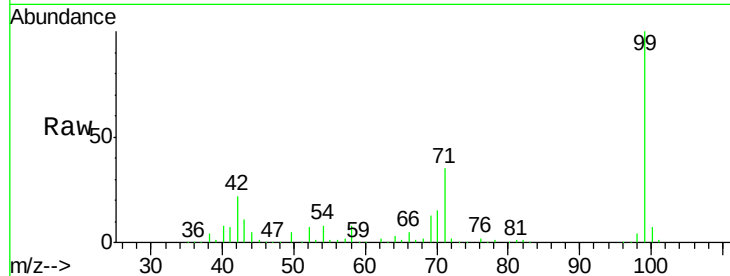
Tgt Ion: 99 Resp: 363616

Ion Ratio Lower Upper

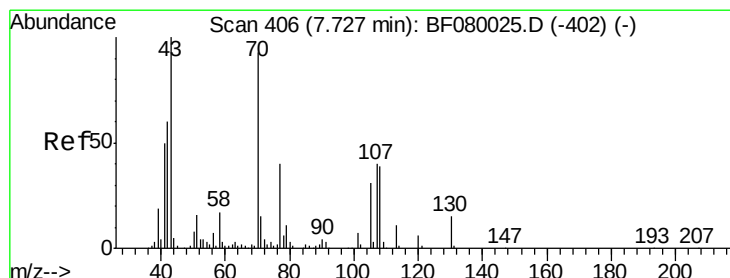
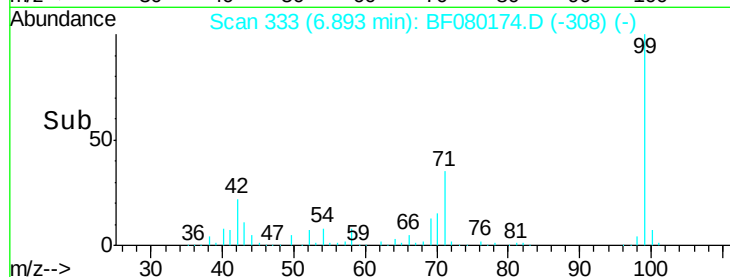
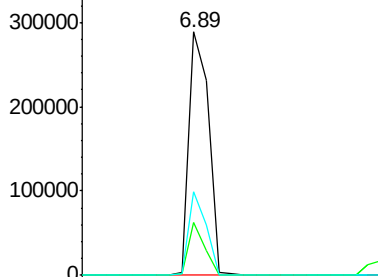
99 100

42 21.8 13.7 20.5#

71 34.5 14.2 21.2#



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: 17.68 ng

RT: 7.85 min Scan# 417

Delta R.T. 0.16 min

Lab File: BF080174.D

Acq: 25 Jun 2015 19:09

Tgt Ion: 70 Resp: 29766

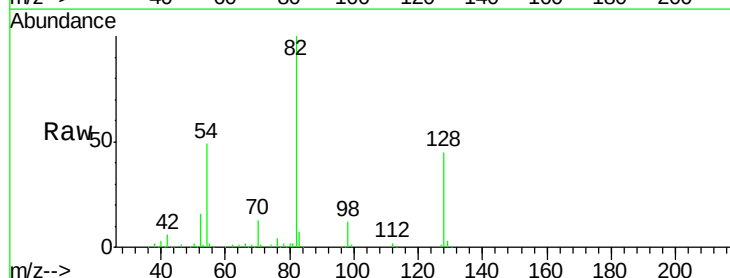
Ion Ratio Lower Upper

70 100

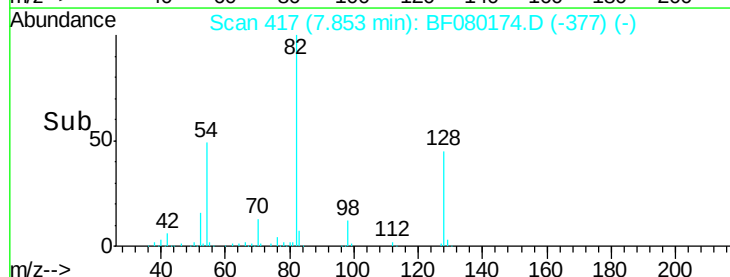
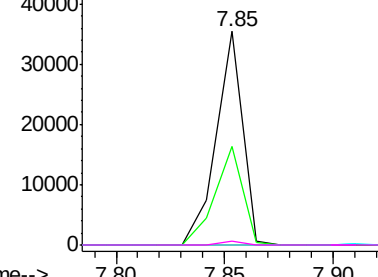
42 46.0 63.8 95.6#

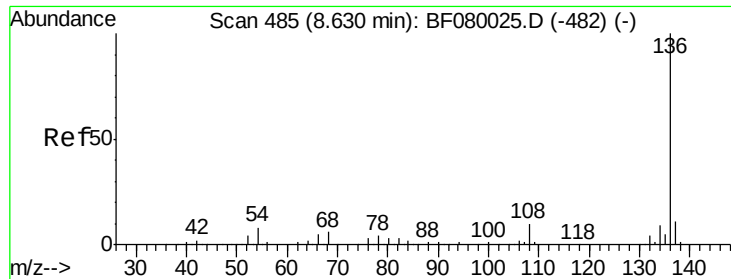
101 0.0 9.2 13.8#

130 1.9 27.3 40.9#



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

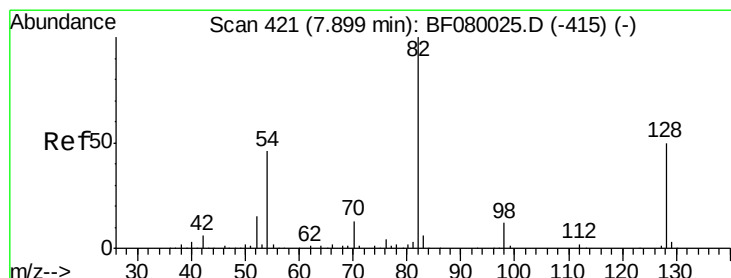
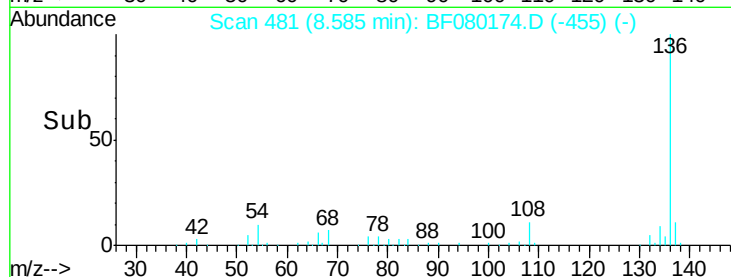
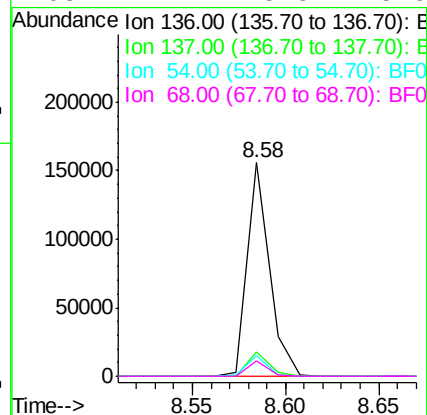
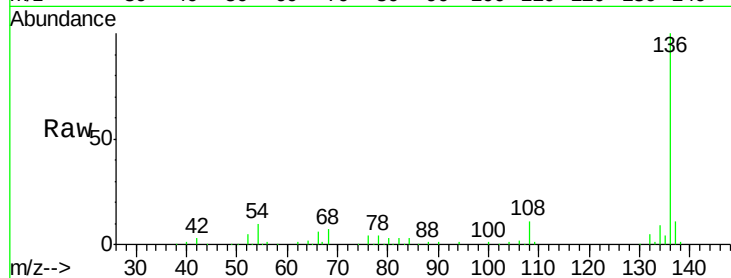




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF080174.D
Acq: 25 Jun 2015 19:09

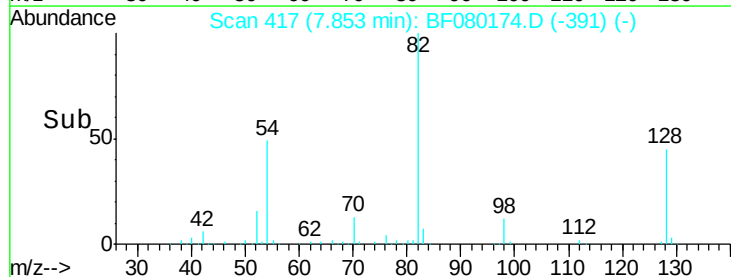
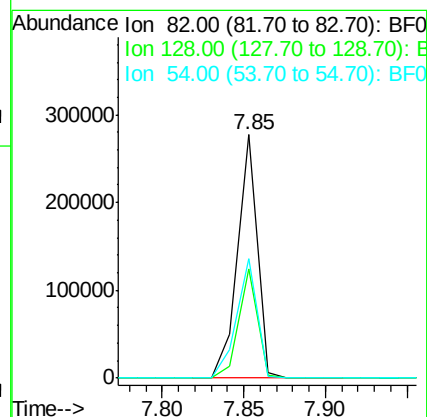
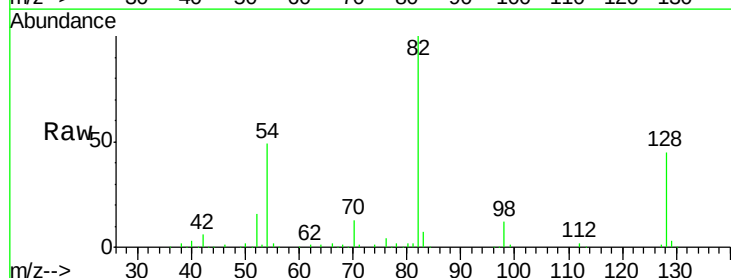
Instrument :
BNA_F
ClientSampleId :
NNESIDEWALL-062415

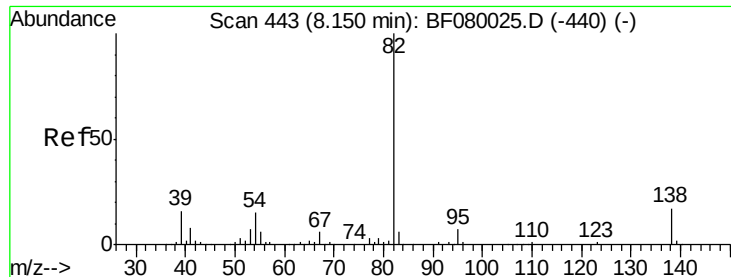
Tgt Ion:	136	Resp:	128908
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	9.8	8.2	12.2
68	7.1	5.8	8.6



#23
Nitrobenzene-d5
Concen: 103.65 ng
RT: 7.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080174.D
Acq: 25 Jun 2015 19:09

Tgt Ion:	82	Resp:	229508
Ion	Ratio	Lower	Upper
82	100		
128	45.1	51.0	76.6#
54	48.8	47.5	71.3





#25

Isophorone

Concen: 43.75 ng

RT: 7.85 min Scan# 417

Delta R.T. -0.26 min

Lab File: BF080174.D

Acq: 25 Jun 2015 19:09

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415

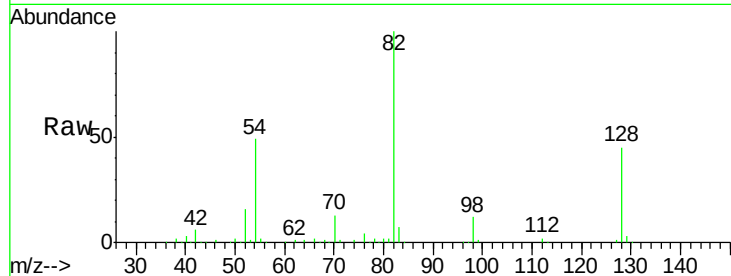
Tgt Ion: 82 Resp: 194961

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

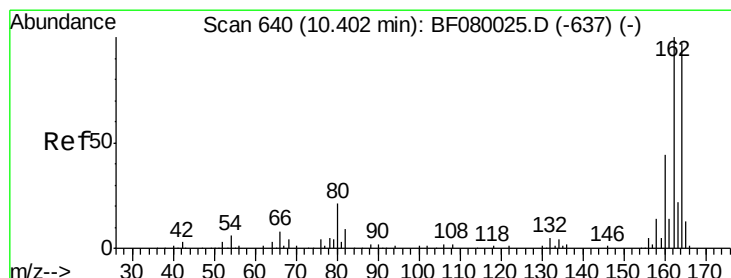
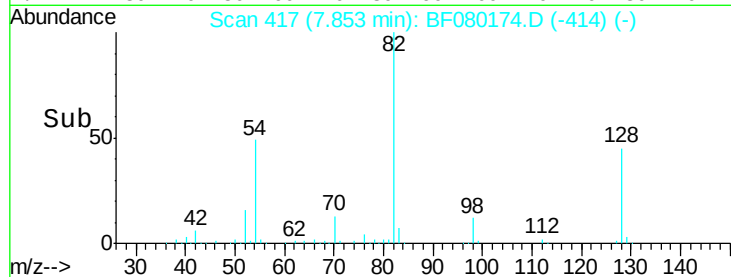
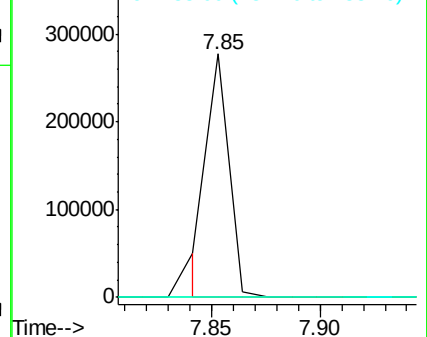
138 0.0 18.3 27.5#



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: 10.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF080174.D

Acq: 25 Jun 2015 19:09

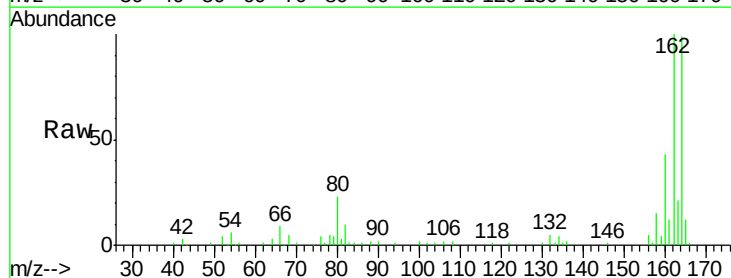
Tgt Ion: 164 Resp: 67057

Ion Ratio Lower Upper

164 100

162 101.3 75.2 112.8

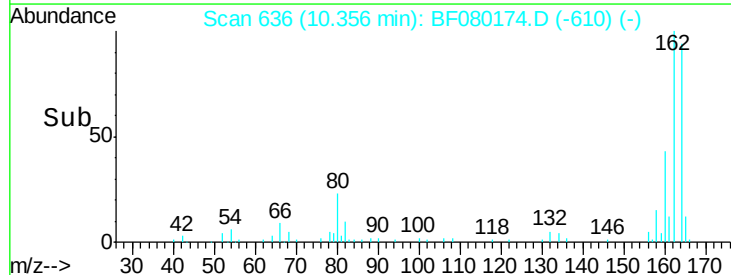
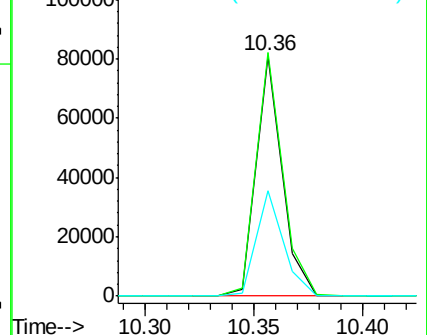
160 43.6 31.5 47.3

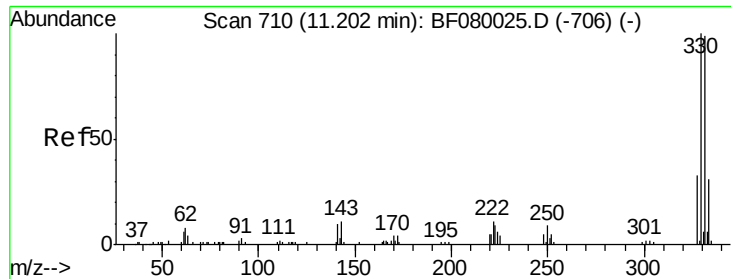


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

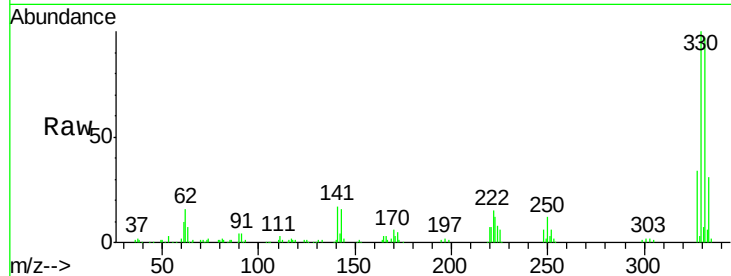




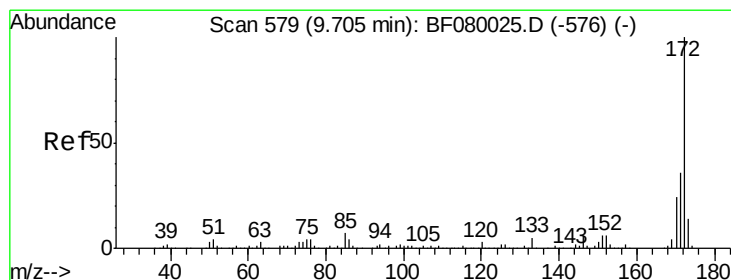
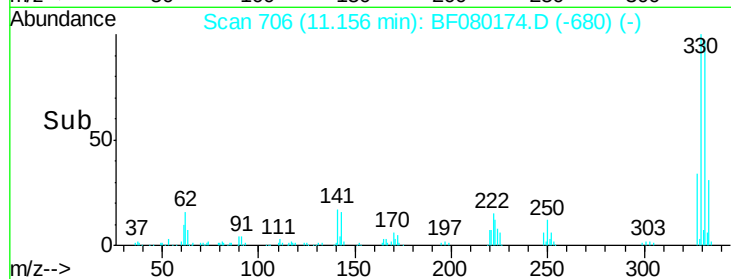
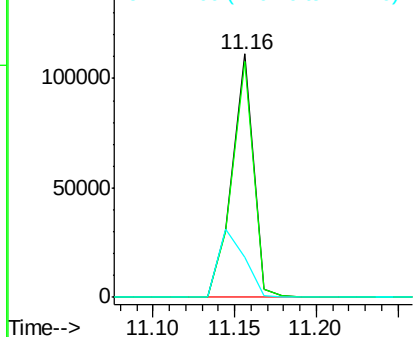
#41
 2,4,6-Tribromophenol
 Concen: 153.54 ng
 RT: 11.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF080174.D
 Acq: 25 Jun 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 NNESIDEWALL-062415

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	34.6	29.7	44.5

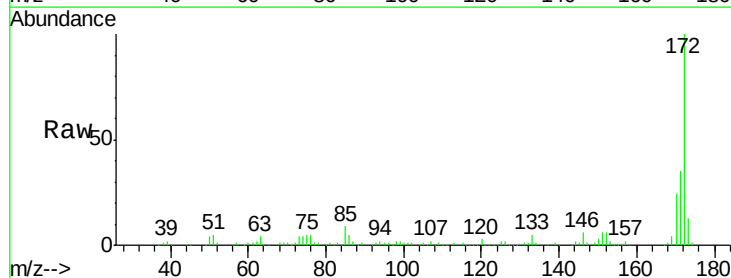


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

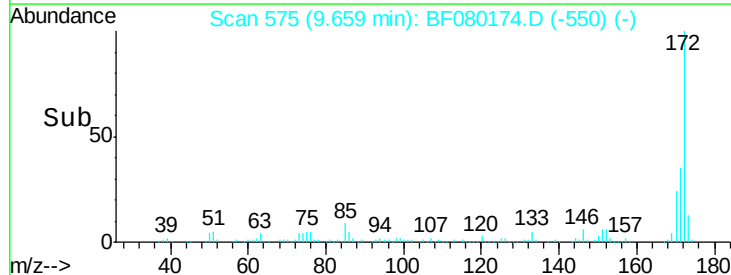
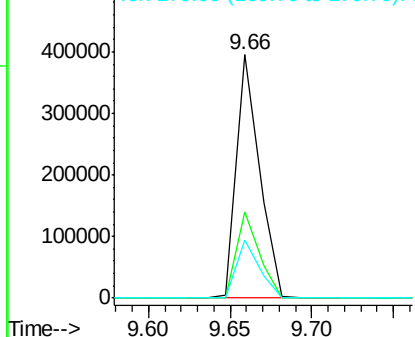


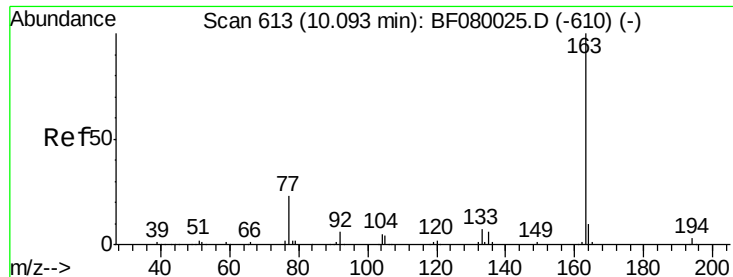
#44
 2-Fluorobiphenyl
 Concen: 81.37 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF080174.D
 Acq: 25 Jun 2015 19:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	23.6	17.4	26.2



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

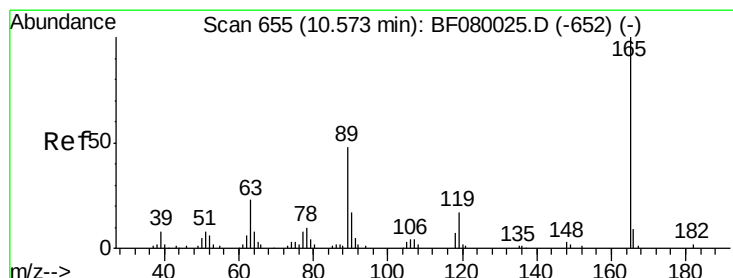
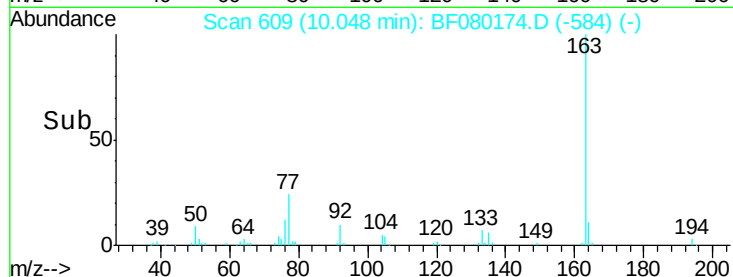
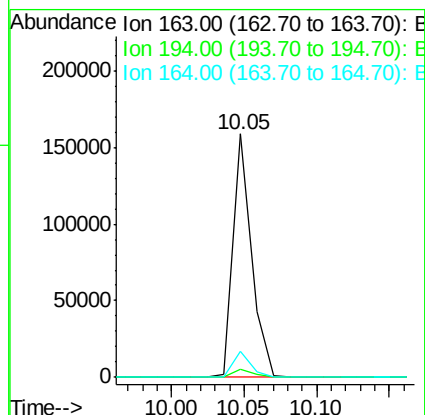
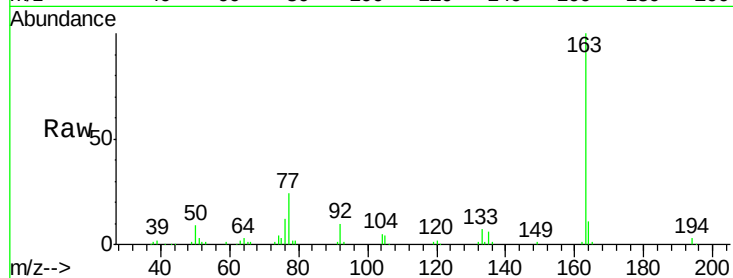




#49
Dimethylphthalate
Concen: 27.88 ng
RT: 10.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF080174.D
Acq: 25 Jun 2015 19:09

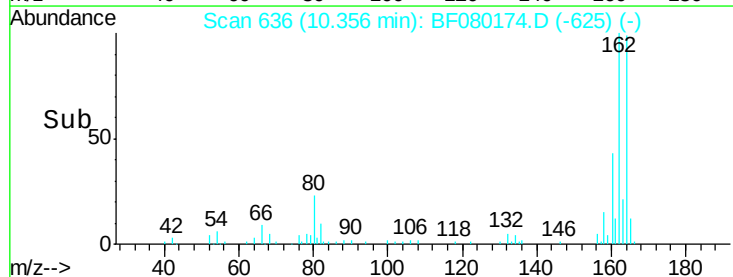
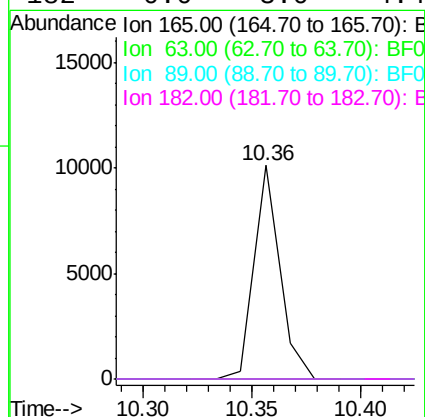
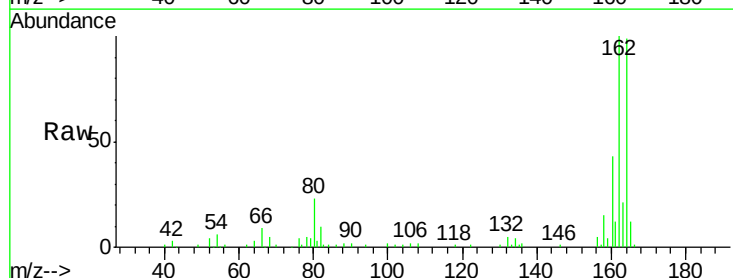
Instrument :
BNA_F
ClientSampleId :
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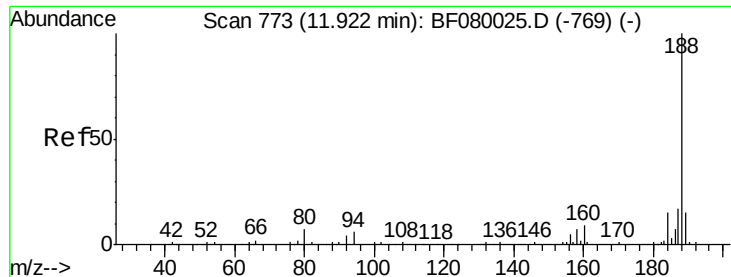
Tgt Ion:163 Resp: 140557
Ion Ratio Lower Upper
163 100
194 3.1 4.4 6.6#
164 10.7 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 10.36 min Scan# 636
Delta R.T. -0.17 min
Lab File: BF080174.D
Acq: 25 Jun 2015 19:09

Tgt Ion:165 Resp: 8378
Ion Ratio Lower Upper
165 100
63 0.0 29.8 44.6#
89 0.0 44.5 66.7#
182 0.0 3.0 4.4#

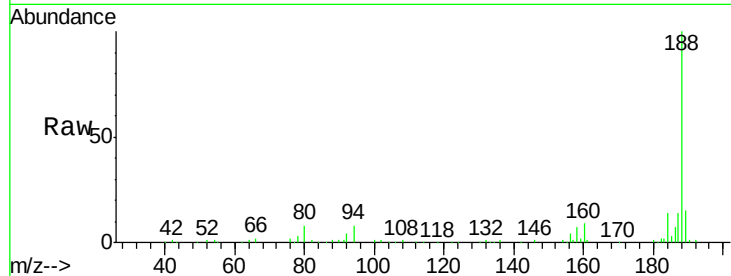




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF080174.D
 Acq: 25 Jun 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 NNESIDEWALL-062415

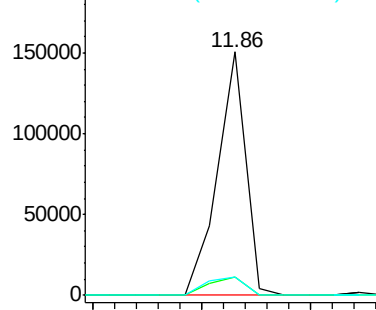
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	11.1	16.7#
80	7.5	11.0	16.4#



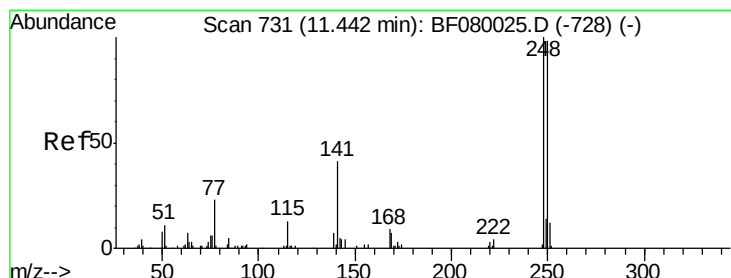
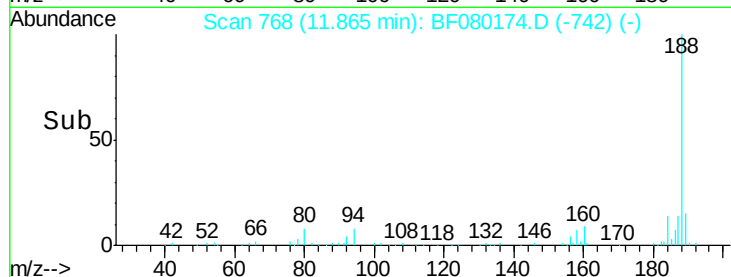
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

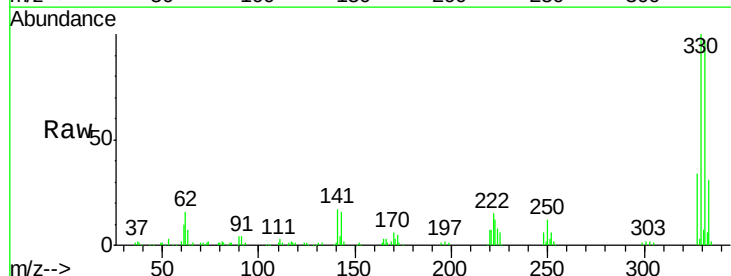


Time--> 11.80 11.85 11.90



#66
 4-Bromophenyl-phenylether
 Concen: 4.87 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.24 min
 Lab File: BF080174.D
 Acq: 25 Jun 2015 19:09

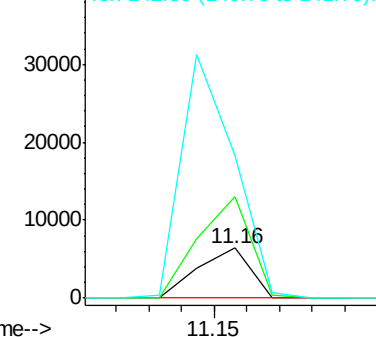
Tgt Ion	Ratio	Lower	Upper
248	100		
250	202.5	78.5	117.7#
141	286.2	59.0	88.6#



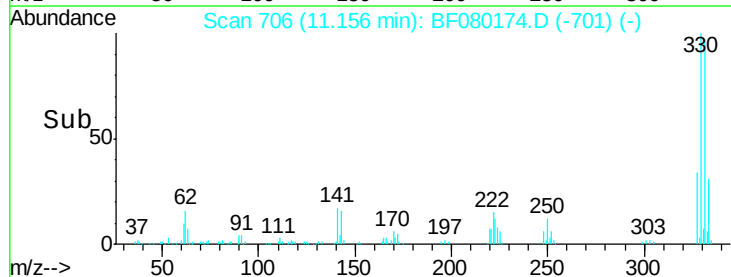
Abundance Ion 248.00 (247.70 to 248.70): E

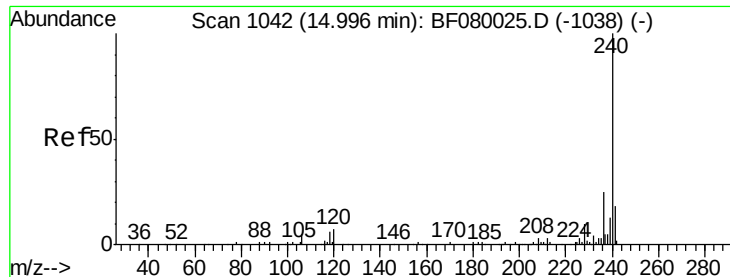
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 11.15





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.79 min Scan# 1024

Delta R.T. -0.03 min

Lab File: BF080174.D

Acq: 25 Jun 2015 19:09

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415

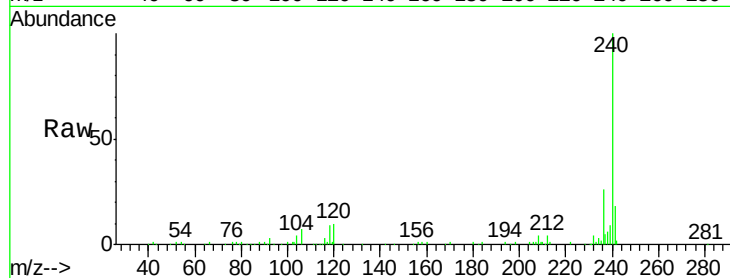
Tgt Ion:240 Resp: 150148

Ion Ratio Lower Upper

240 100

120 10.3 16.2 24.2#

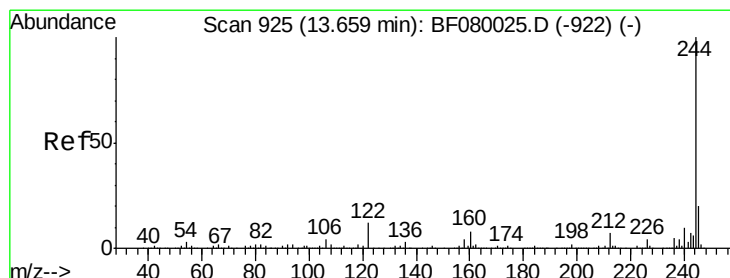
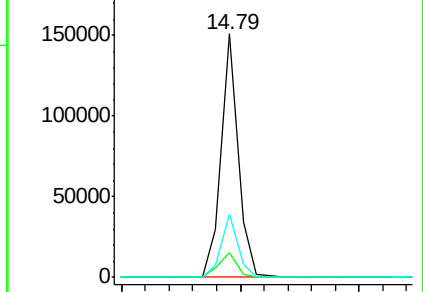
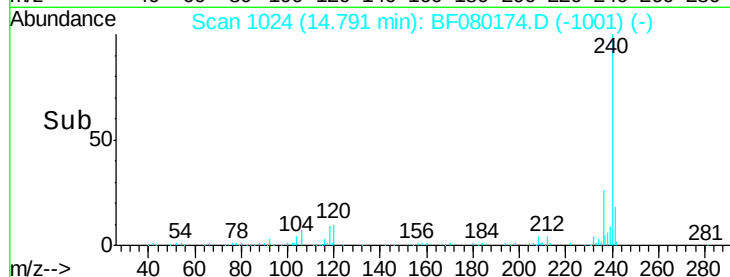
236 25.9 18.4 27.6



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: 79.53 ng

RT: 13.53 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF080174.D

Acq: 25 Jun 2015 19:09

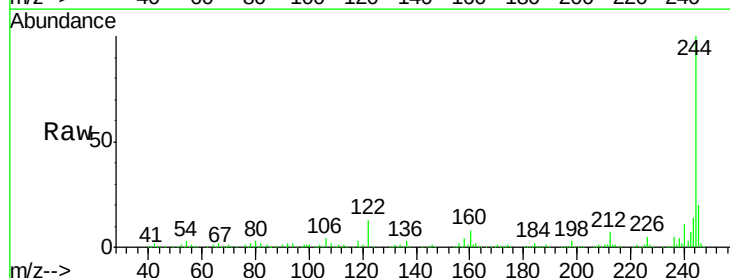
Tgt Ion:244 Resp: 511299

Ion Ratio Lower Upper

244 100

212 7.2 4.3 6.5#

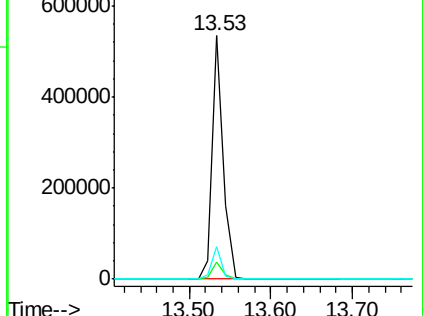
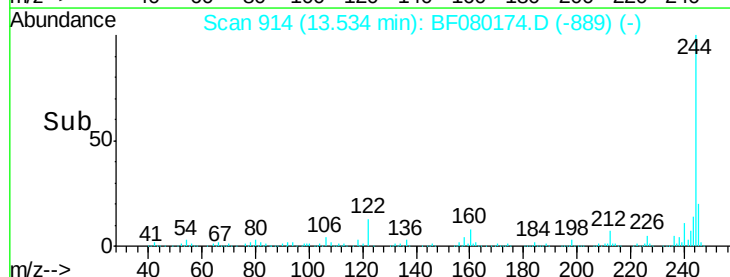
122 13.3 17.4 26.2#

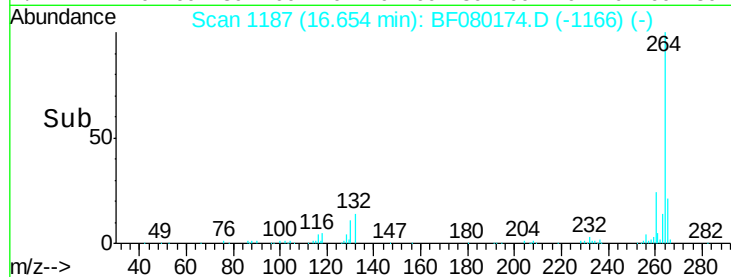
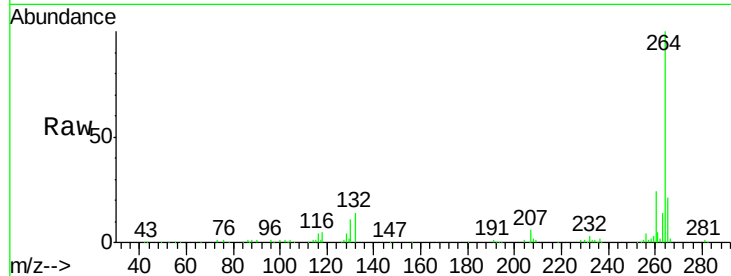
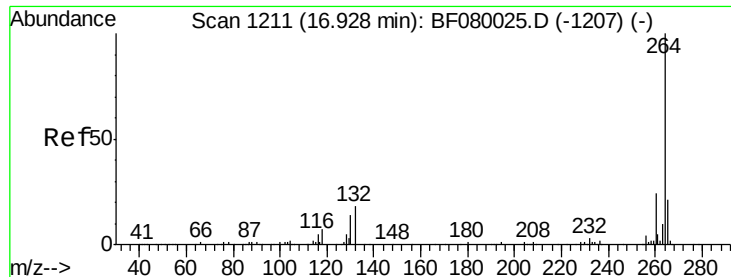


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.65 min Scan# 1187

Delta R.T. -0.06 min

Lab File: BF080174.D

Acq: 25 Jun 2015 19:09

Instrument :

BNA_F

ClientSampleId :

NNESIDEWALL-062415

Tgt Ion:264 Resp: 141991

Ion Ratio Lower Upper

264 100

260 23.8 16.7 25.1

265 21.5 17.2 25.8

