

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
 Data File : BF082126.D
 Acq On : 8 Oct 2015 14:13
 Operator : UM/IZ
 Sample : G3920-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC100515

Quant Time: Oct 09 05:06:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 05:03:35 2015
 Response via : Initial Calibration

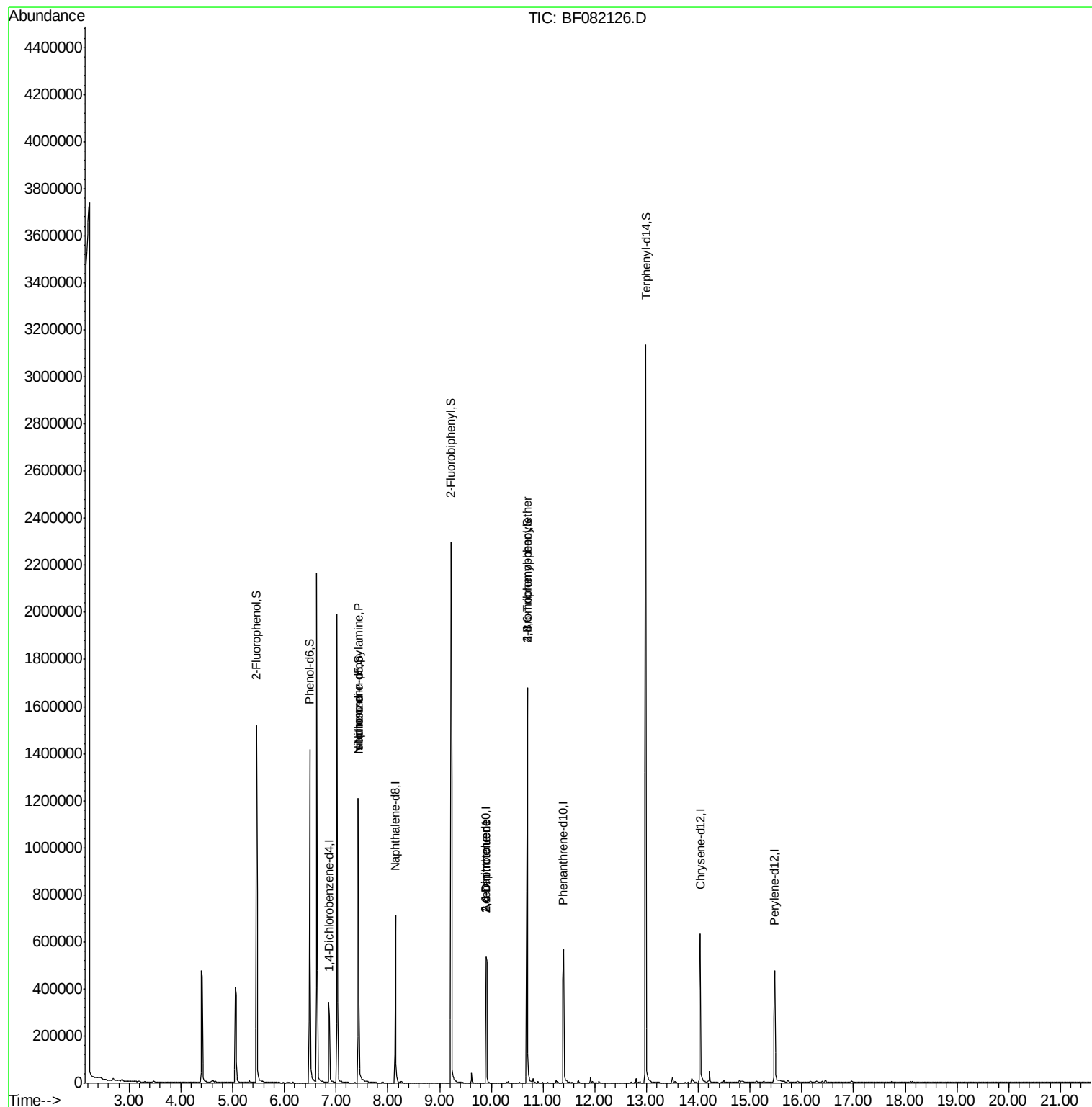
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	86030	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	357886	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	171248	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	341465	20.00	ng	0.00
75) Chrysene-d12	14.04	240	346446	20.00	ng	-0.01
86) Perylene-d12	15.48	264	267702	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	549634	115.98	ng	0.01
7) Phenol-d6	6.49	99	625030	104.81	ng	0.00
23) Nitrobenzene-d5	7.43	82	484010	90.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	244643	141.06	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	997242	101.14	ng	-0.01
78) Terphenyl-d14	12.98	244	1145218	120.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	59907	16.53	ng	# 58
25) Isophorone	7.43	82	429618	40.37	ng	# 58
50) 2,6-Dinitrotoluene	9.90	165	21293	8.30	ng	# 37
56) 2,4-Dinitrotoluene	9.90	165	21295	6.51	ng	# 31
66) 4-Bromophenyl-phenylether	10.70	248	17227	5.00	ng	# 1
70) Phenanthrene	11.42	178	878	Below Cal		# 62
73) Di-n-butylphthalate	11.96	149	2912	Below Cal		# 78

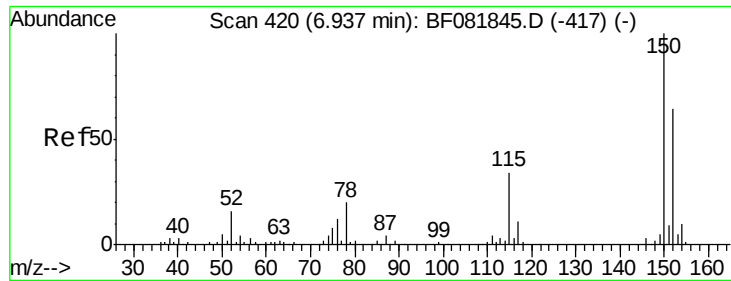
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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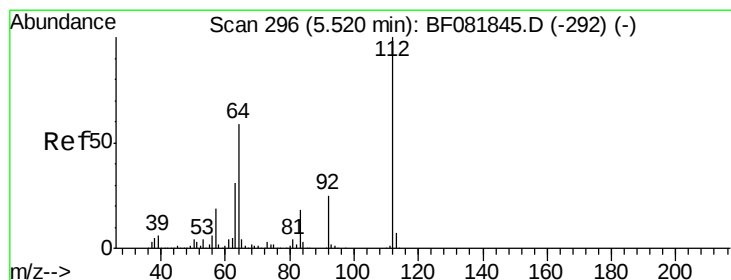
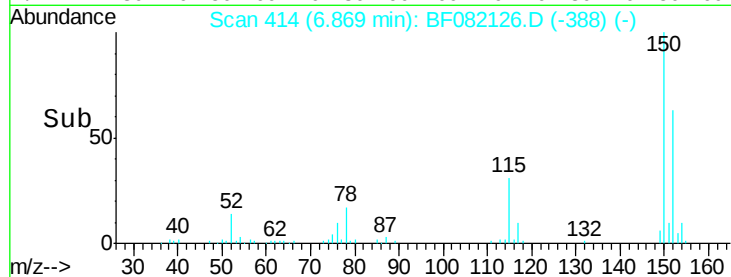
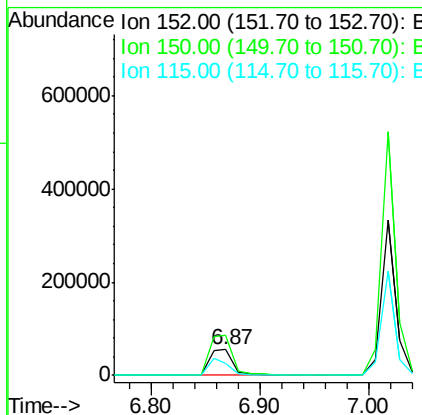
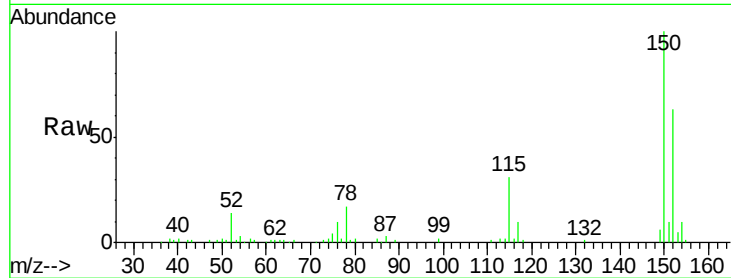


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF082126.D
Acq: 8 Oct 2015 14:13

Instrument :
BNA_F
ClientSampleId :
WC100515

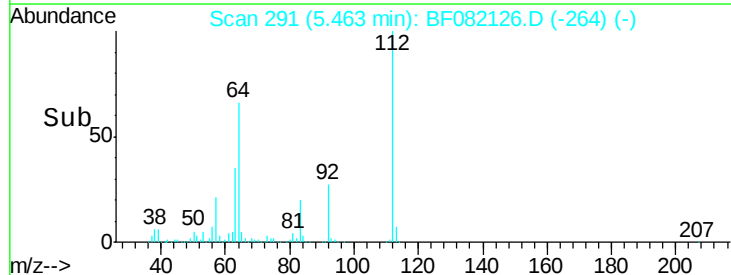
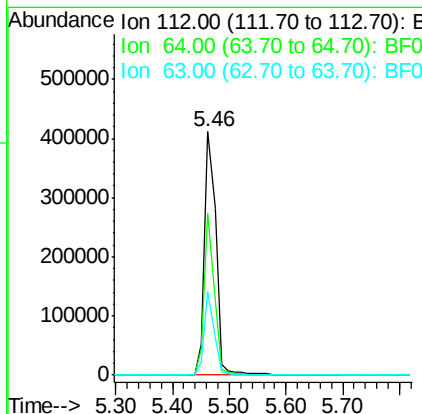
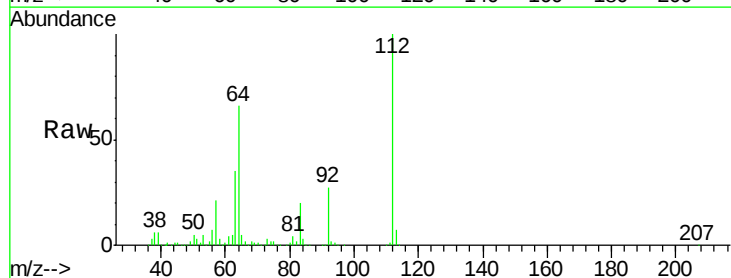
Tot Ion:152 Resp: 86030
Ion Ratio Lower Upper
152 100
150 157.9 124.7 187.1
115 49.2 39.0 58.4

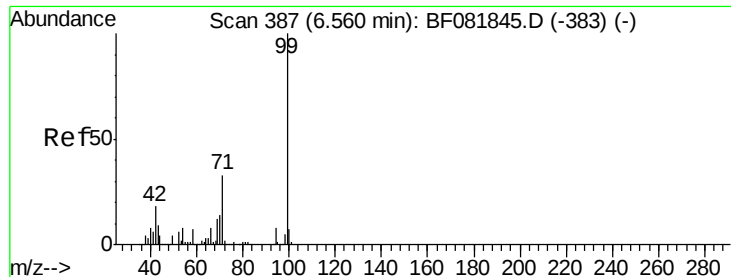


#5

2-Fluorophenol
Concen: 115.98 ng
RT: 5.46 min Scan# 291
Delta R.T. 0.01 min
Lab File: BF082126.D
Acq: 8 Oct 2015 14:13

Tgt Ion:112 Resp: 549634
Ion Ratio Lower Upper
112 100
64 66.3 39.7 59.5#
63 34.5 17.4 26.0#





#7

Phenol-d6

Concen: 104.81 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF082126.D

Acq: 8 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

WC100515

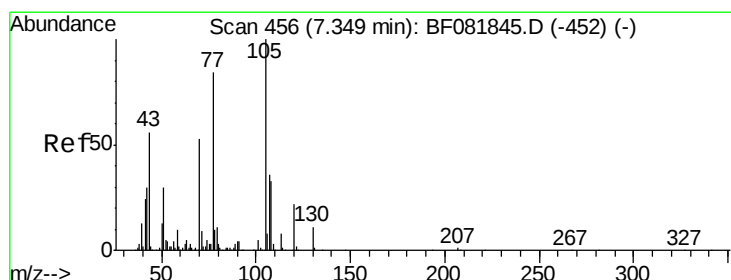
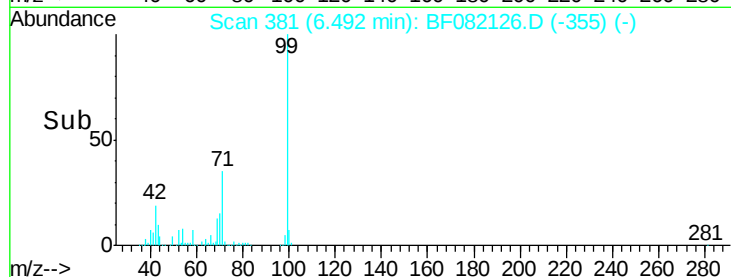
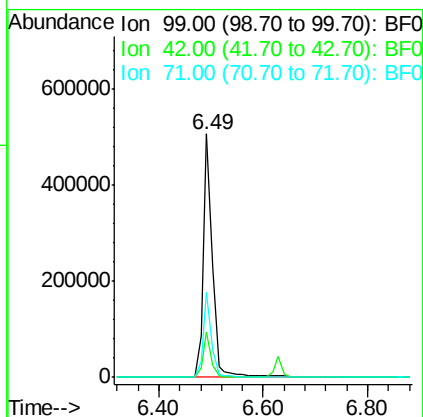
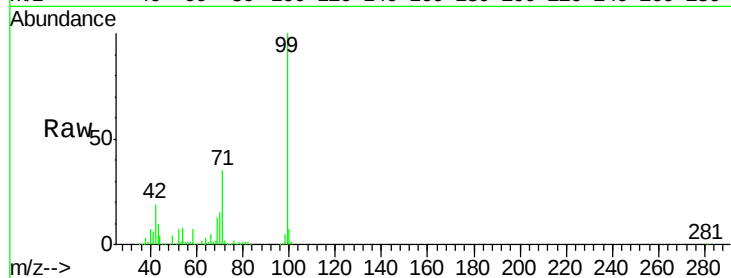
Tot Ion: 99 Resp: 625030

Ion Ratio Lower Upper

99 100

42 18.7 13.7 20.5

71 34.9 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 16.53 ng

RT: 7.43 min Scan# 463

Delta R.T. 0.15 min

Lab File: BF082126.D

Acq: 8 Oct 2015 14:13

Tgt Ion: 70 Resp: 59907

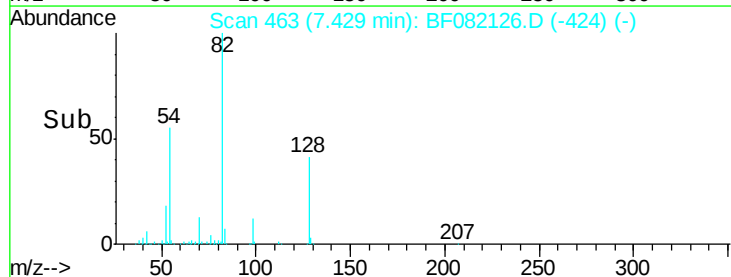
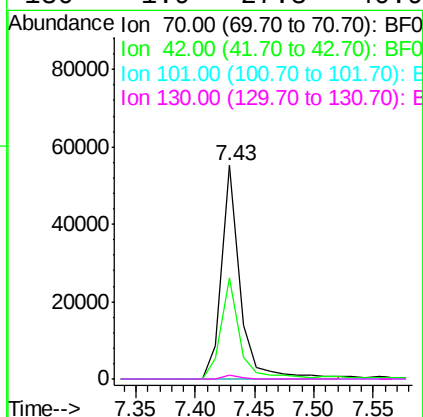
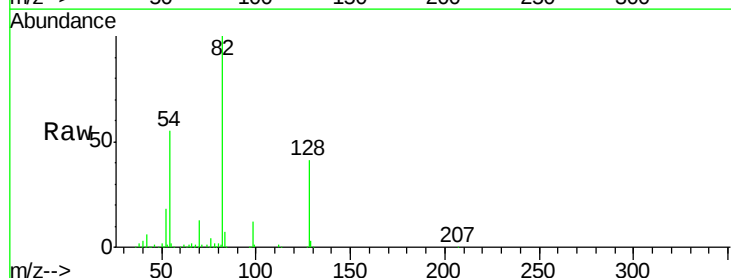
Ion Ratio Lower Upper

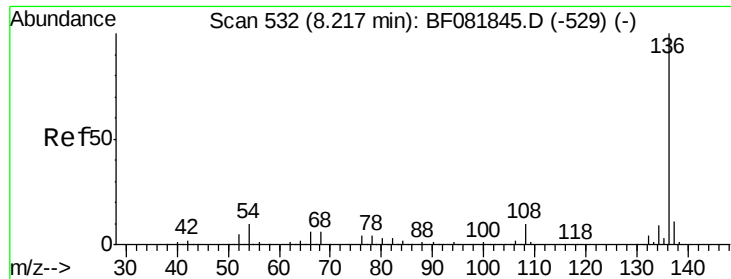
70 100

42 47.2 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

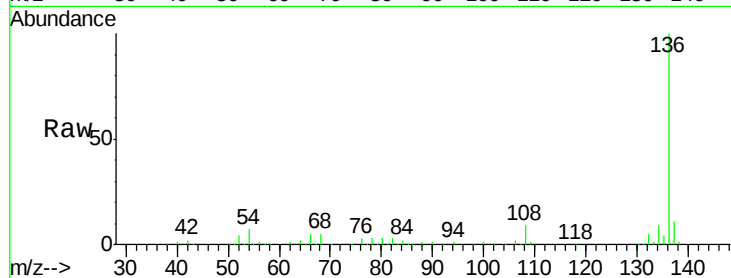




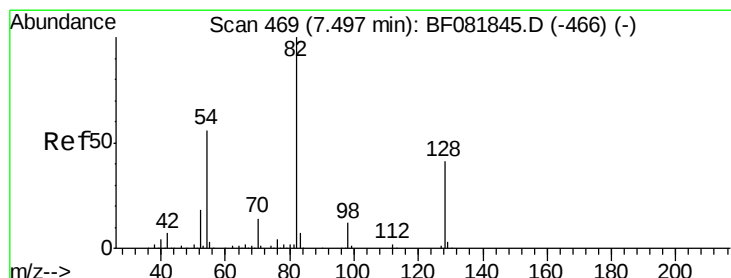
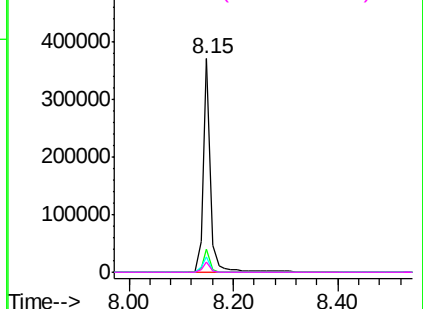
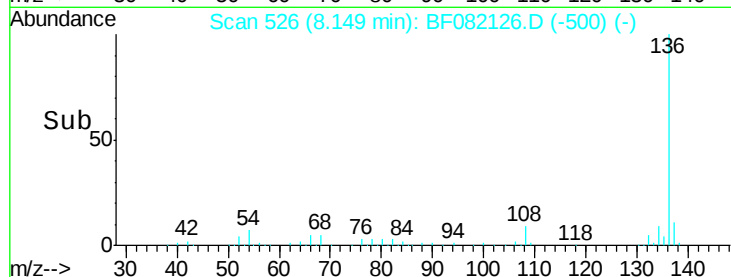
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082126.D
Acq: 8 Oct 2015 14:13

Instrument :
BNA_F
ClientSampleId :
WC100515

Tot Ion:136 Resp: 357886
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 7.2 8.2 12.2#
68 5.0 5.8 8.6#

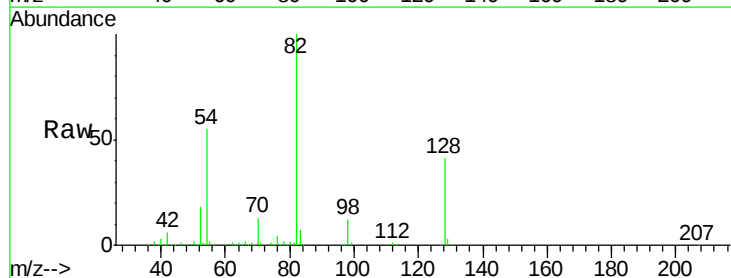


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

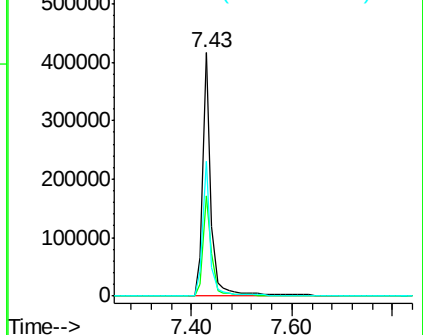
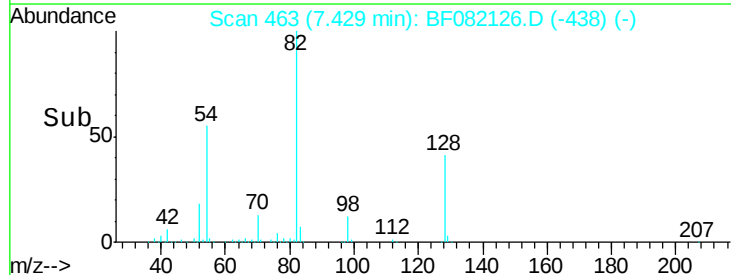


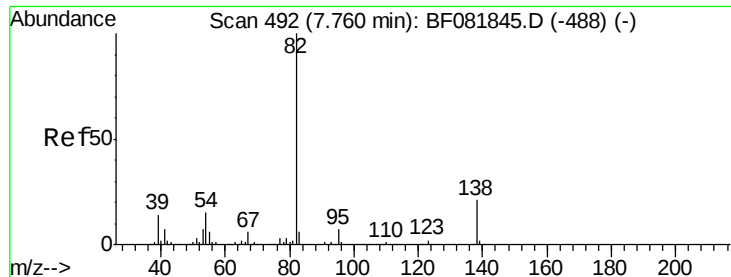
#23
Nitrobenzene-d5
Concen: 90.15 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF082126.D
Acq: 8 Oct 2015 14:13

Tgt Ion: 82 Resp: 484010
Ion Ratio Lower Upper
82 100
128 41.2 51.0 76.6#
54 55.5 47.5 71.3



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: 40.37 ng

RT: 7.43 min Scan# 463

Delta R.T. -0.26 min

Lab File: BF082126.D

Acq: 8 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

WC100515

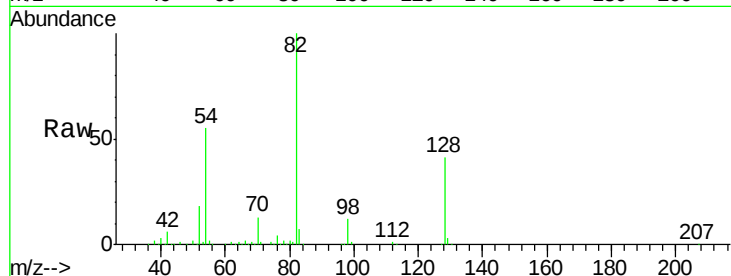
Tot Ion: 82 Resp: 429618

Ion Ratio Lower Upper

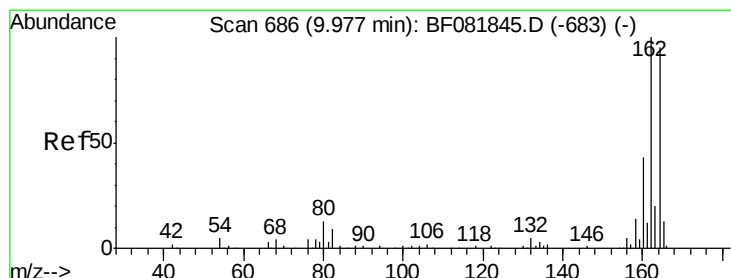
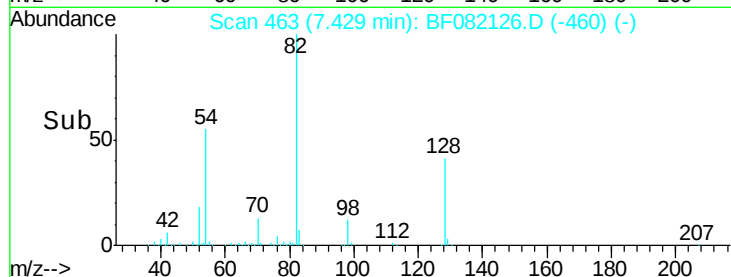
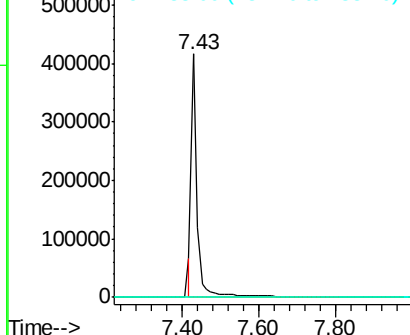
82 100

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: 9.90 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF082126.D

Acq: 8 Oct 2015 14:13

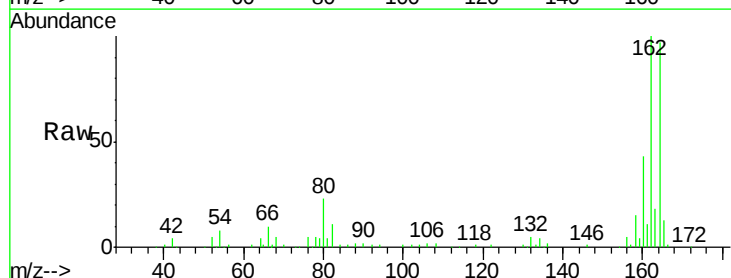
Tgt Ion: 164 Resp: 171248

Ion Ratio Lower Upper

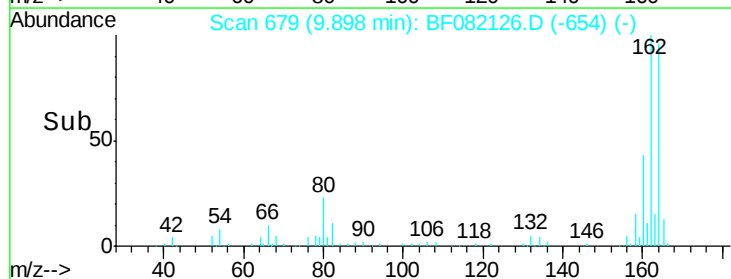
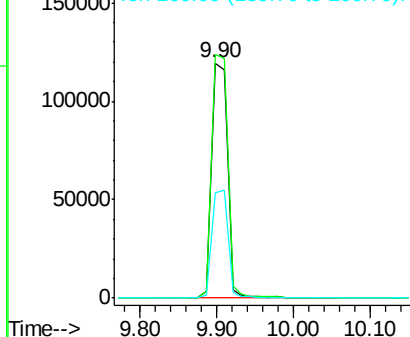
164 100

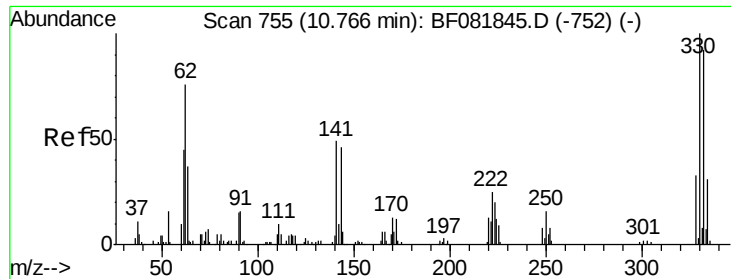
162 103.5 75.2 112.8

160 44.5 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

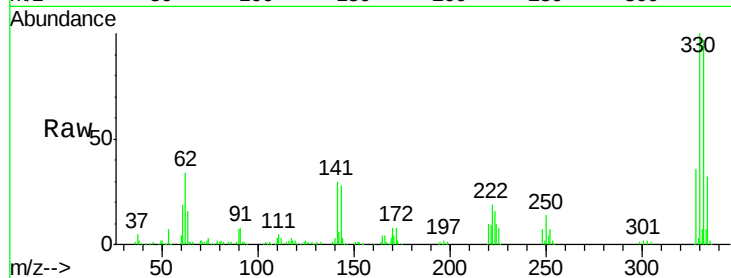




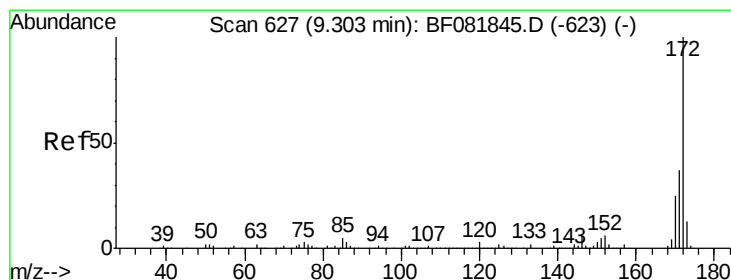
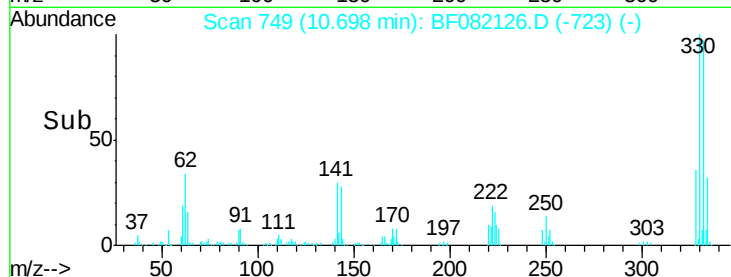
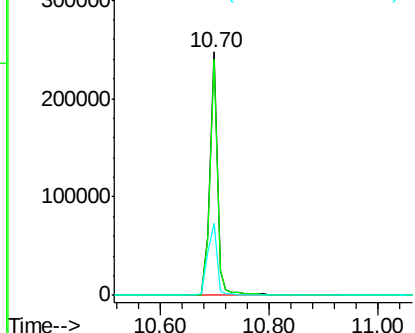
#41
 2,4,6-Tribromophenol
 Concen: 141.06 ng
 RT: 10.70 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF082126.D
 Acq: 8 Oct 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :
 WC100515

Tot Ion:330 Resp: 244643
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 36.2 29.7 44.5

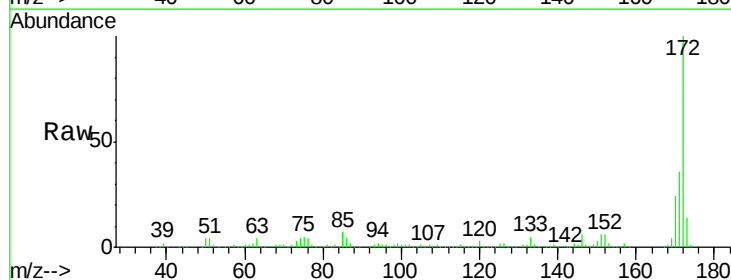


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

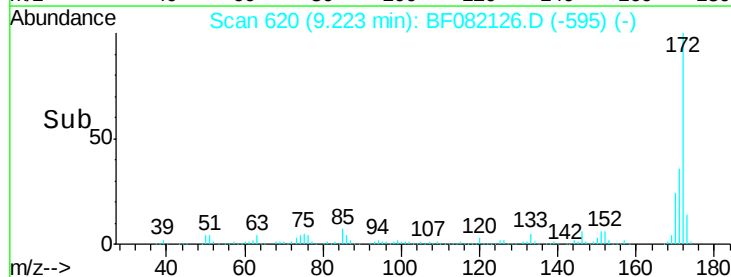
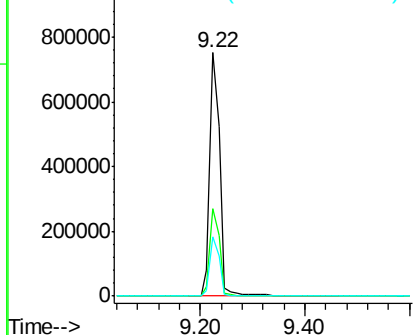


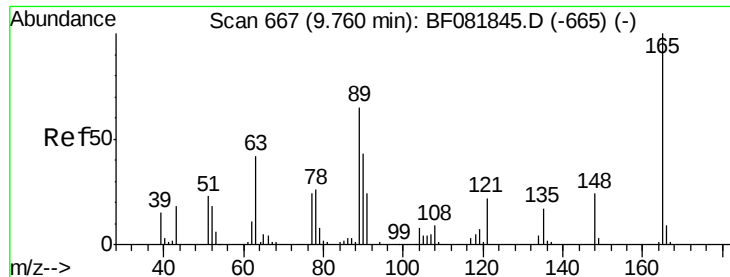
#44
 2-Fluorobiphenyl
 Concen: 101.14 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF082126.D
 Acq: 8 Oct 2015 14:13

Tgt Ion:172 Resp: 997242
 Ion Ratio Lower Upper
 172 100
 171 36.2 26.1 39.1
 170 24.1 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

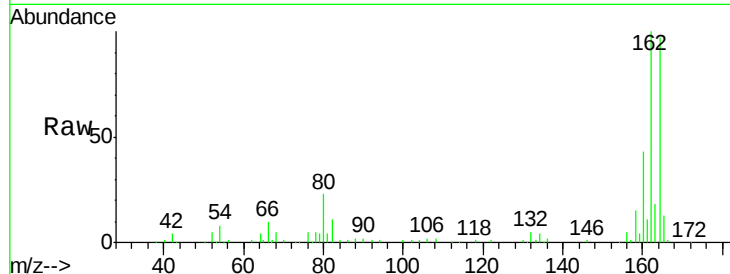




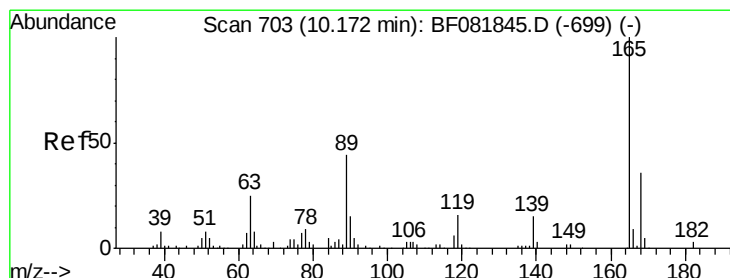
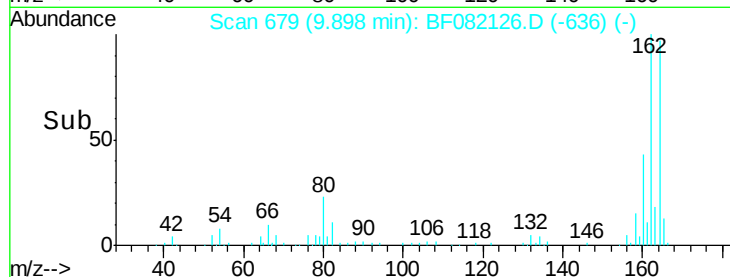
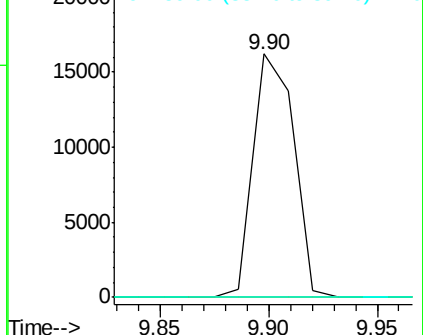
#50
 2,6-Dinitrotoluene
 Concen: 8.30 ng
 RT: 9.90 min Scan# 679
 Delta R.T. 0.19 min
 Lab File: BF082126.D
 Acq: 8 Oct 2015 14:13

Instrument :
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 ClientSampleId :
 WC100515

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



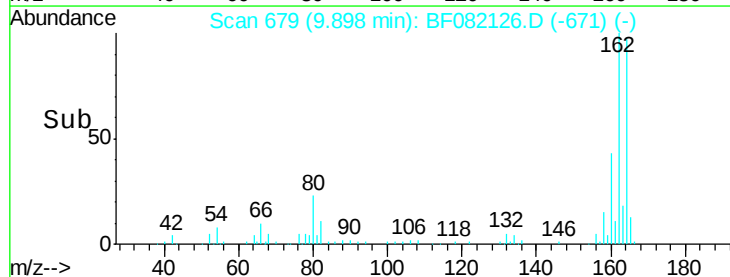
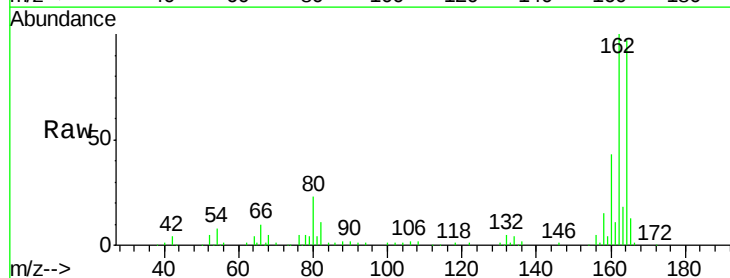
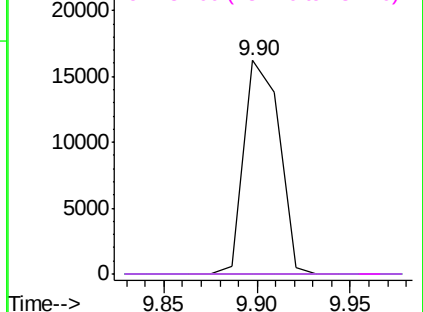
Abundance Ion 165.00 (164.70 to 165.70): E

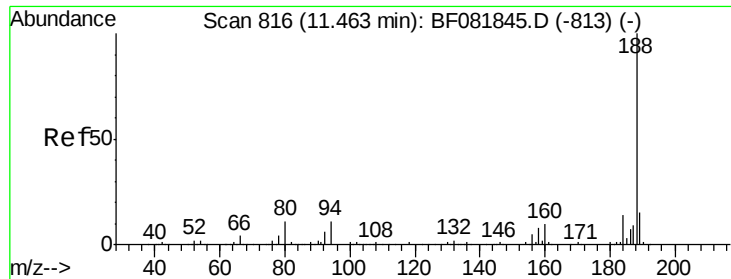


#56
 2,4-Dinitrotoluene
 Concen: 6.51 ng
 RT: 9.90 min Scan# 679
 Delta R.T. -0.21 min
 Lab File: BF082126.D
 Acq: 8 Oct 2015 14:13

Tgt 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#

Abundance Ion 165.00 (164.70 to 165.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF082126.D

Acq: 8 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

WC100515

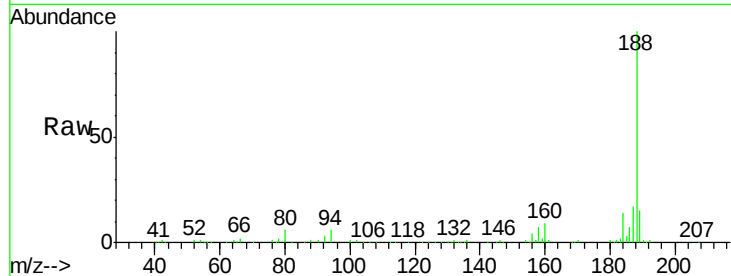
Tot Ion:188 Resp: 341465

Ion Ratio Lower Upper

188 100

94 6.0 11.1 16.7#

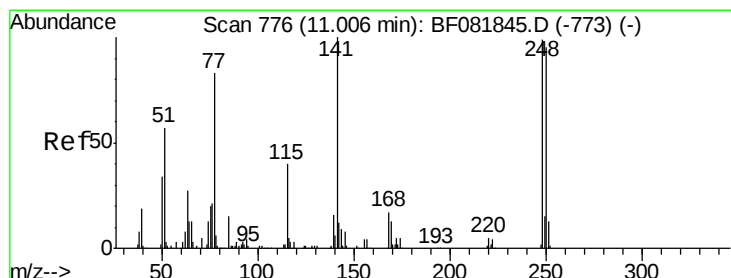
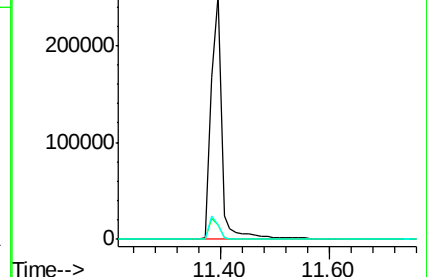
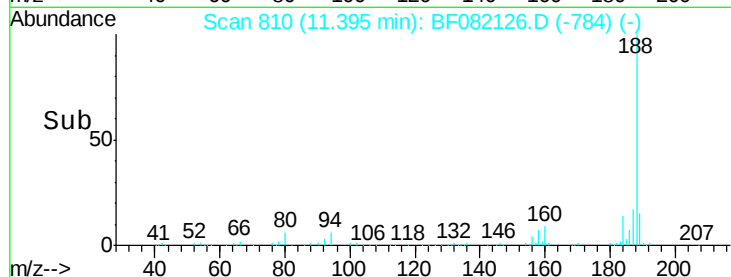
80 6.1 11.0 16.4#



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



#66

4-Bromophenyl-phenylether

Concen: 5.00 ng

RT: 10.70 min Scan# 749

Delta R.T. -0.24 min

Lab File: BF082126.D

Acq: 8 Oct 2015 14:13

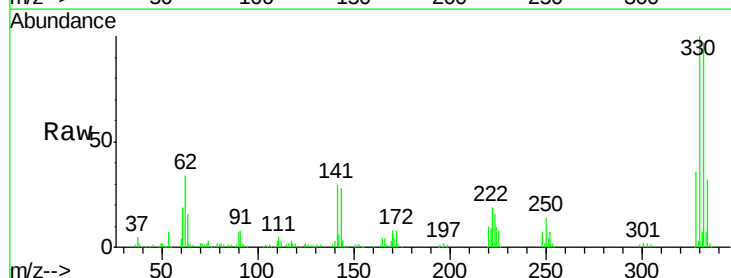
Tgt Ion:248 Resp: 17227

Ion Ratio Lower Upper

248 100

250 202.8 78.5 117.7#

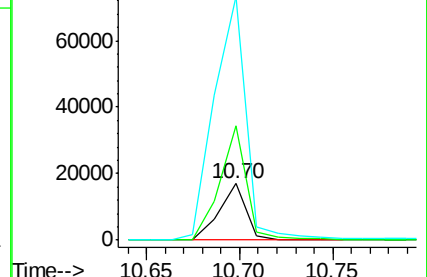
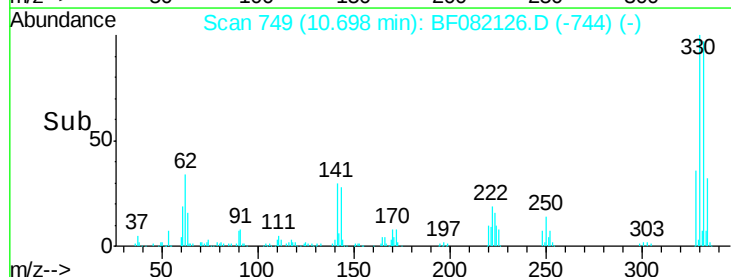
141 429.5 59.0 88.6#

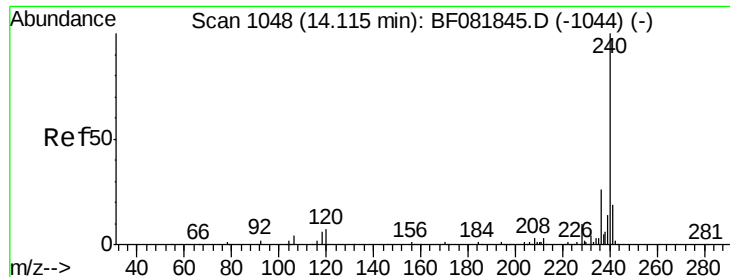


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF082126.D

Acq: 8 Oct 2015 14:13

Instrument :

BNA_F

ClientSampleId :

WC100515

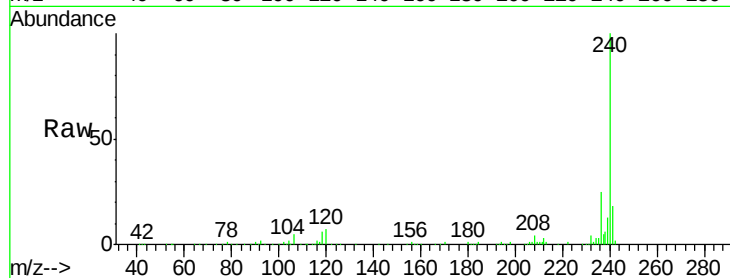
Tot Ion:240 Resp: 346446

Ion Ratio Lower Upper

240 100

120 7.0 16.2 24.2#

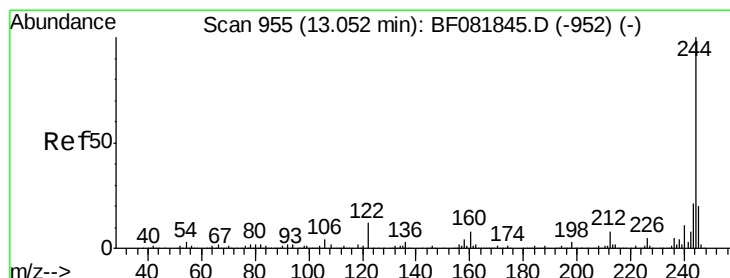
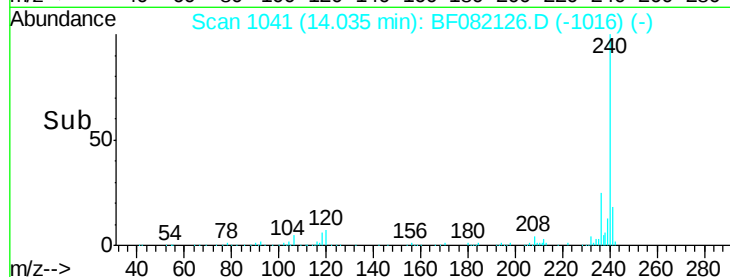
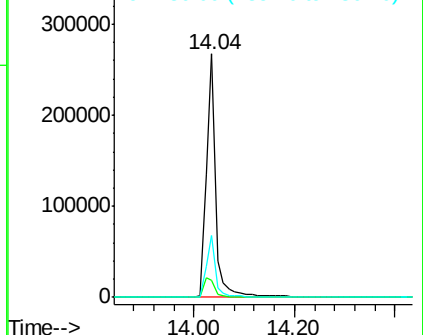
236 25.4 18.4 27.6



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: 120.08 ng

RT: 12.98 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF082126.D

Acq: 8 Oct 2015 14:13

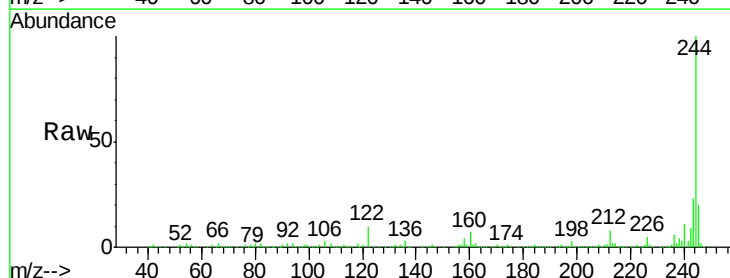
Tgt Ion:244 Resp: 1145218

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

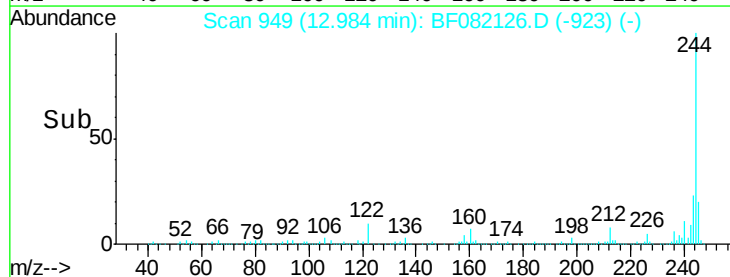
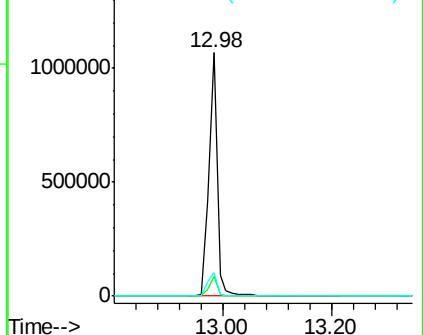
122 9.8 17.4 26.2#

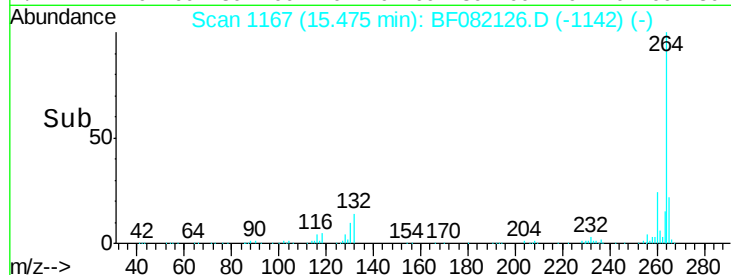
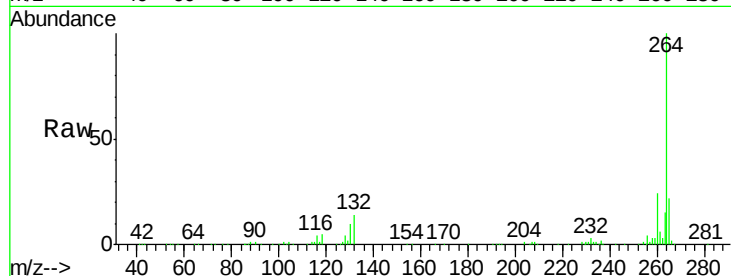
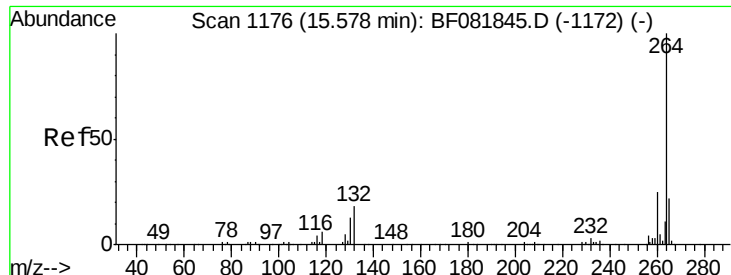


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF082126.D
Acq: 8 Oct 2015 14:13

Instrument :
BNA_F
ClientSampleId :
WC100515

Tot Ion:	264	Resp:	267702
Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	22.1	17.2	25.8

