

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080215\
 Data File : BF080805.D
 Acq On : 2 Aug 2015 14:06
 Operator : TP
 Sample : G3125-19
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 03 08:12:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

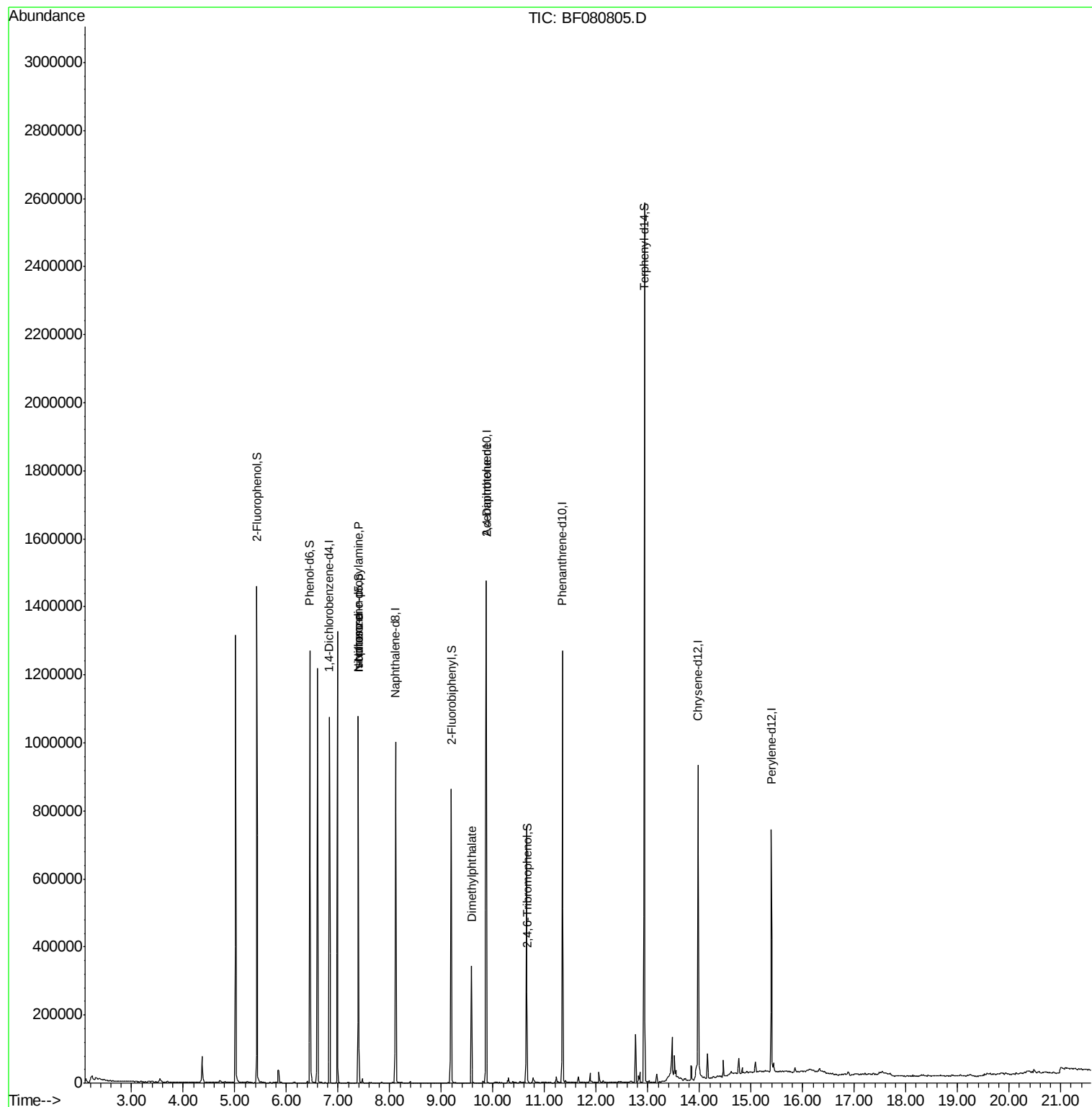
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	157959	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	604457	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	301862	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	499368	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	393732	20.00	ng	-0.02
86) Perylene-d12	15.39	264	353250	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	401859	43.64	ng	-0.02
7) Phenol-d6	6.45	99	481071	38.38	ng	-0.03
23) Nitrobenzene-d5	7.39	82	312931	25.07	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	90169	28.79	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	413961	20.46	ng	-0.02
78) Terphenyl-d14	12.93	244	755773	36.30	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.45	77	808	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.39	70	40405	4.79 ng	#	74
25) Isophorone	7.39	82	312356	14.07 ng	#	71
49) Dimethylphthalate	9.58	163	122219	5.75 ng		98
56) 2,4-Dinitrotoluene	9.87	165	38257	6.46 ng	#	16

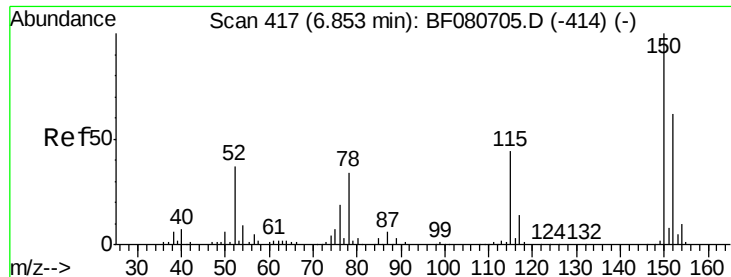
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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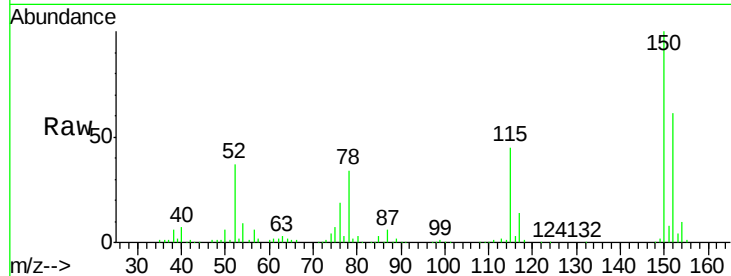


#1

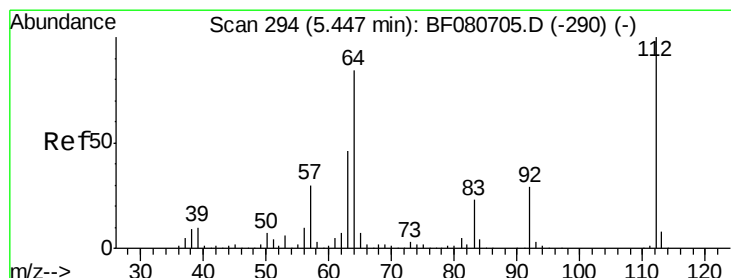
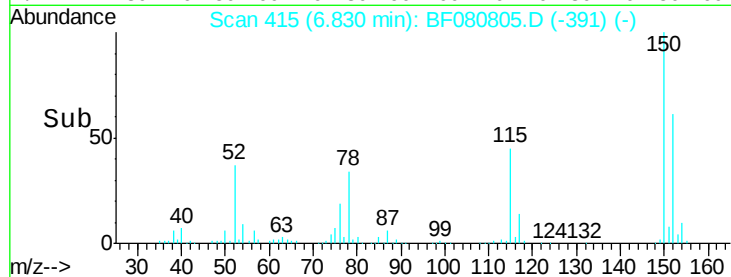
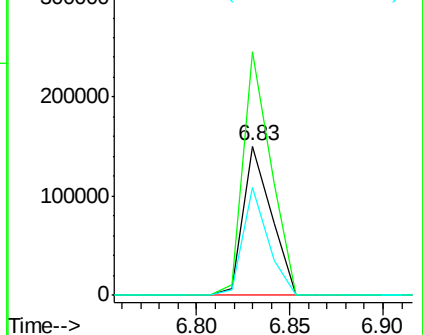
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF080805.D
Acq: 2 Aug 2015 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 157959
Ion Ratio Lower Upper
152 100
150 163.5 129.6 194.4
115 72.8 56.6 85.0



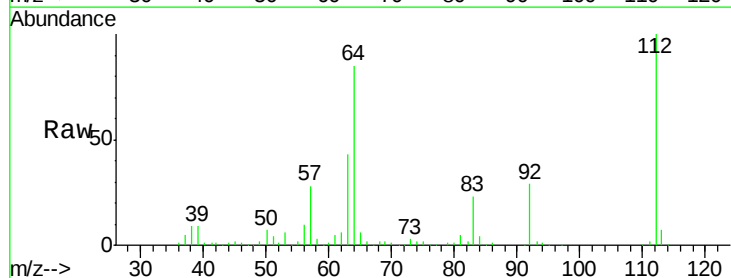
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



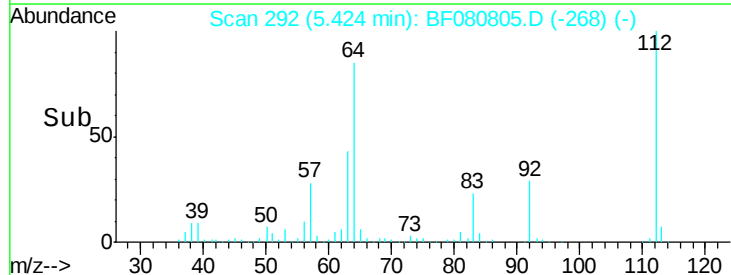
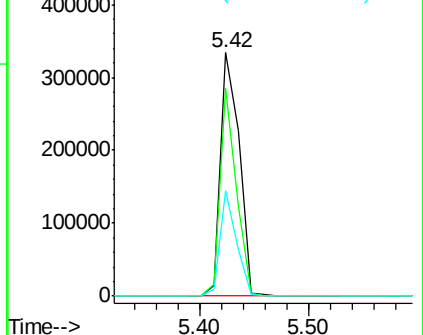
#5

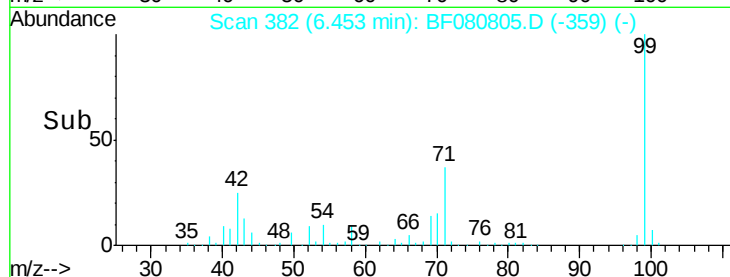
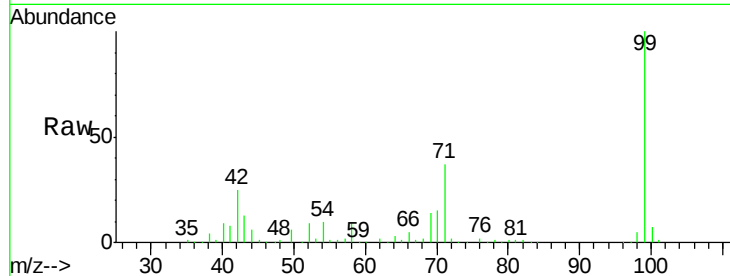
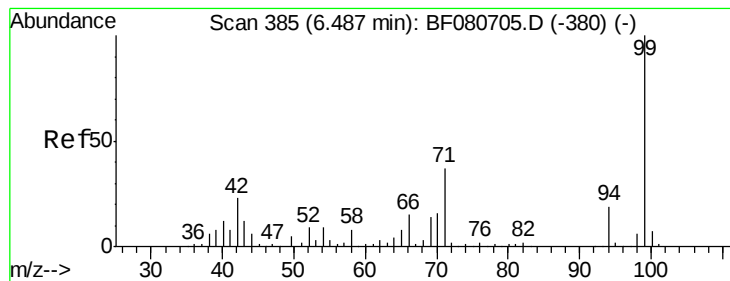
2-Fluorophenol
Concen: 43.64 ng
RT: 5.42 min Scan# 292
Delta R.T. -0.02 min
Lab File: BF080805.D
Acq: 2 Aug 2015 14:06

Tgt Ion:112 Resp: 401859
Ion Ratio Lower Upper
112 100
64 85.4 66.8 100.2
63 43.0 36.7 55.1



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: 38.38 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF080805.D

Acq: 2 Aug 2015 14:06

Instrument :

BNA_F

ClientSampleId :

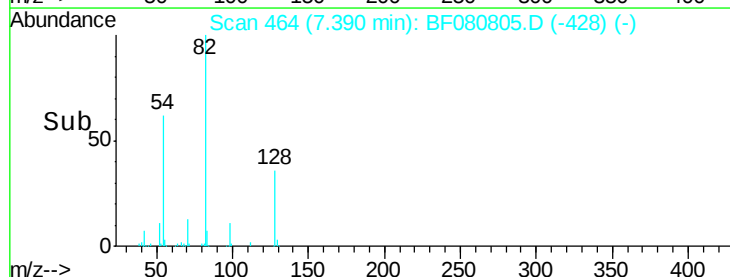
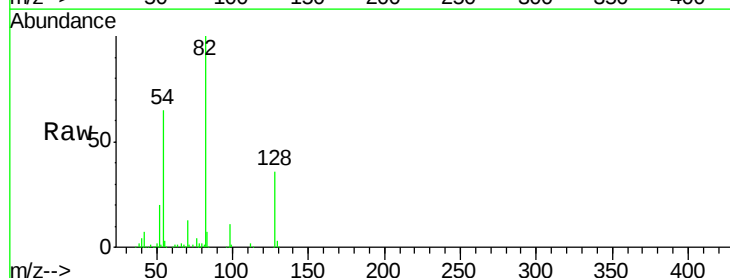
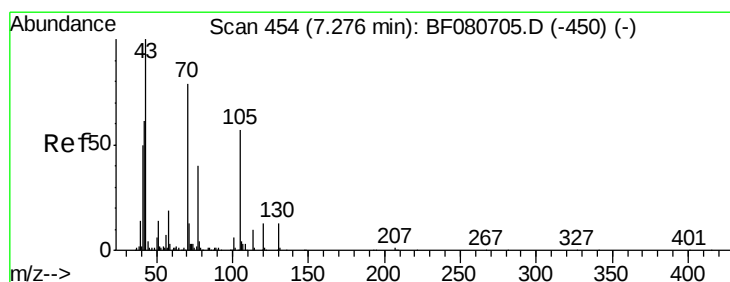
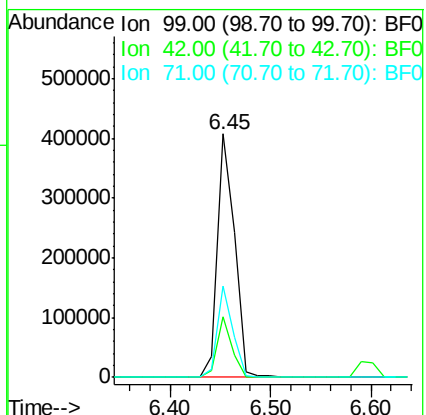
Tot Ion: 99 Resp: 481071

Ion Ratio Lower Upper

99 100

42 24.8 18.2 27.2

71 37.3 29.5 44.3



#19

n-Nitroso-di-n-propylamine

Concen: 4.79 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.11 min

Lab File: BF080805.D

Acq: 2 Aug 2015 14:06

Tgt Ion: 70 Resp: 40405

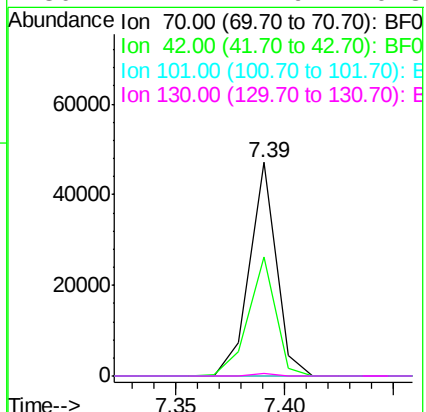
Ion Ratio Lower Upper

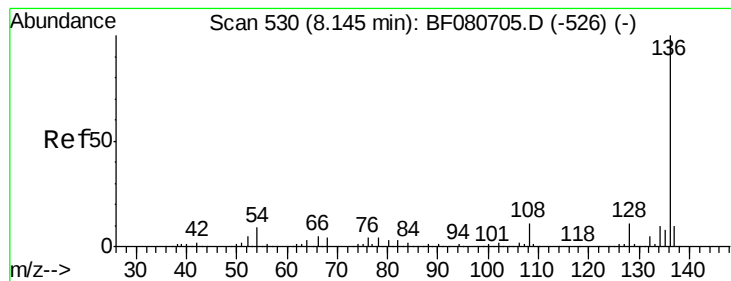
70 100

42 55.7 61.8 92.6#

101 0.0 6.1 9.1#

130 1.4 12.9 19.3#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF080805.D

Acq: 2 Aug 2015 14:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 604457

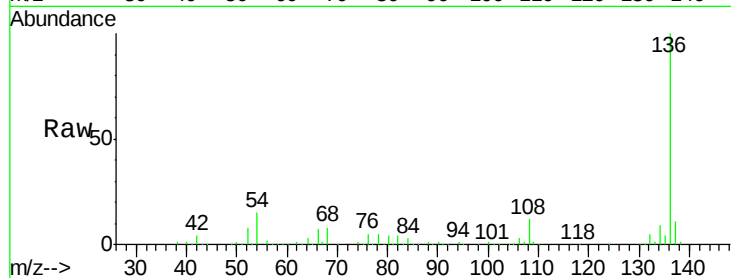
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 14.9 6.9 10.3#

68 7.6 3.5 5.3#

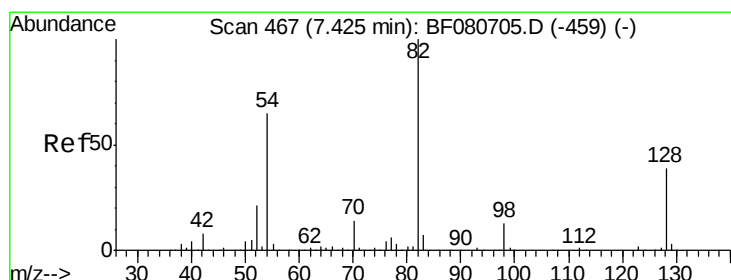
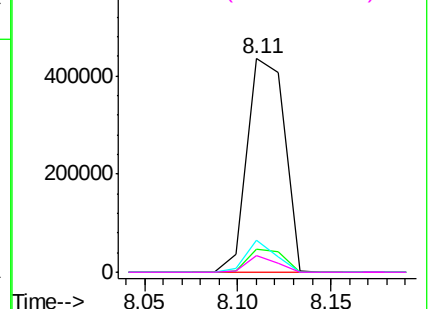
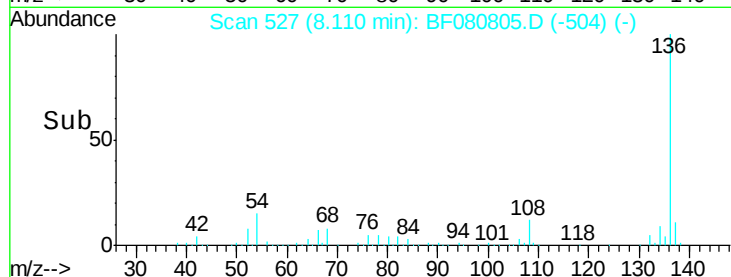


Abundance Ion 136.00 (135.70 to 136.70): E

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: 25.07 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.03 min

Lab File: BF080805.D

Acq: 2 Aug 2015 14:06

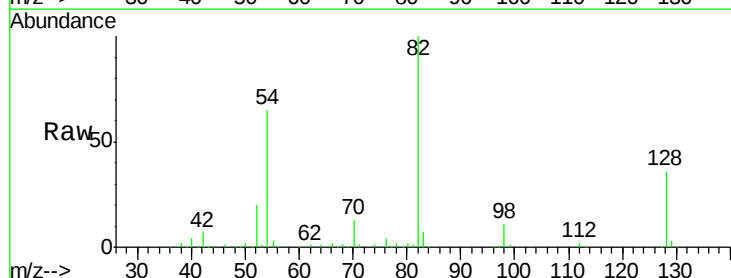
Tgt Ion: 82 Resp: 312931

Ion Ratio Lower Upper

82 100

128 36.2 31.5 47.3

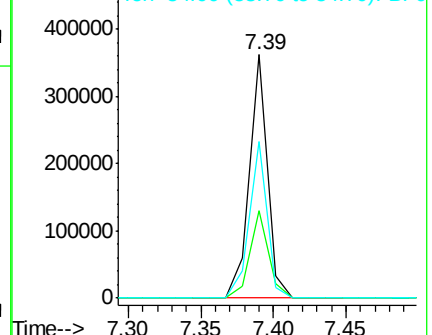
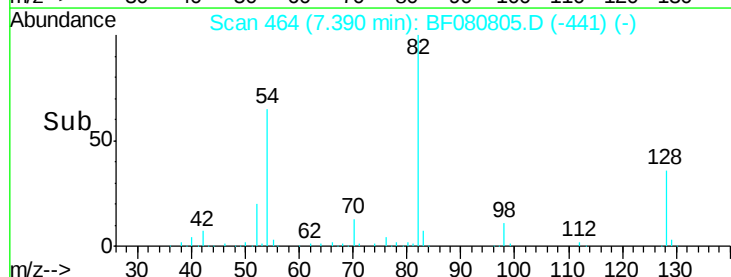
54 64.6 51.8 77.8

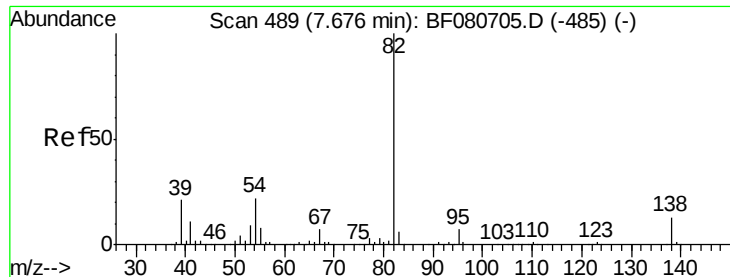


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 14.07 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.29 min

Lab File: BF080805.D

Acq: 2 Aug 2015 14:06

Instrument :

BNA_F

ClientSampleId :

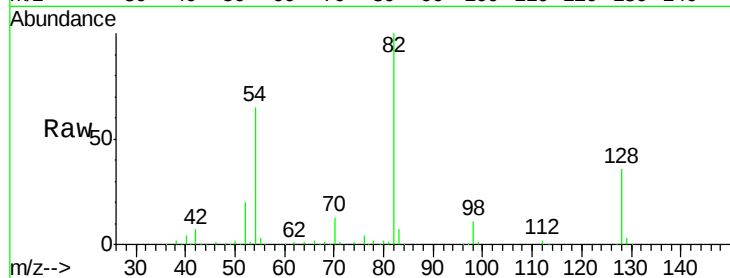
Tot Ion: 82 Resp: 312356

Ion Ratio Lower Upper

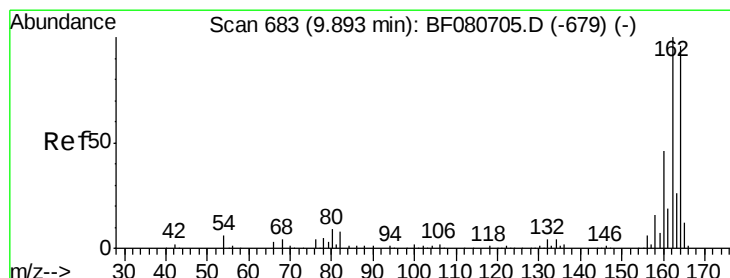
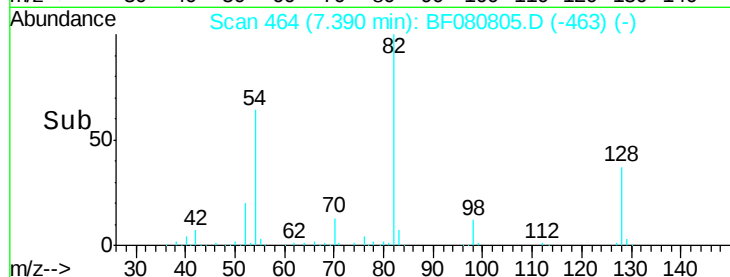
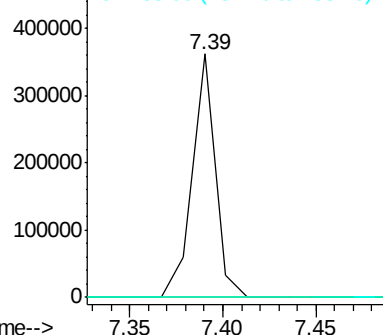
82 100

95 0.0 5.8 8.6#

138 0.0 10.7 16.1#



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: 9.87 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF080805.D

Acq: 2 Aug 2015 14:06

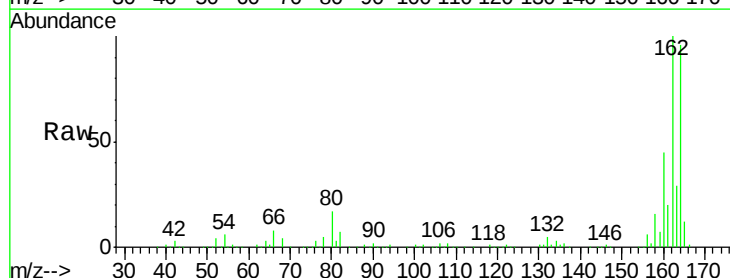
Tgt Ion:164 Resp: 301862

Ion Ratio Lower Upper

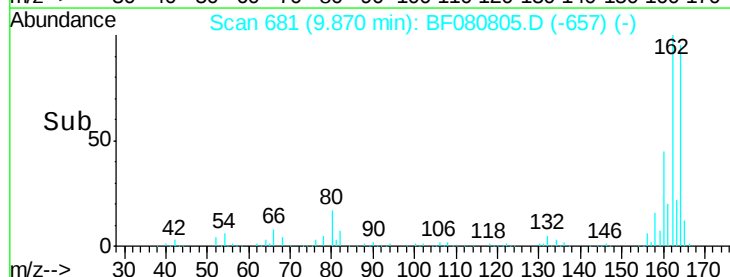
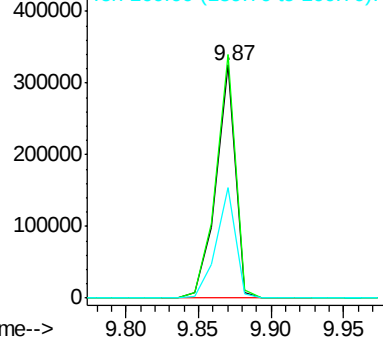
164 100

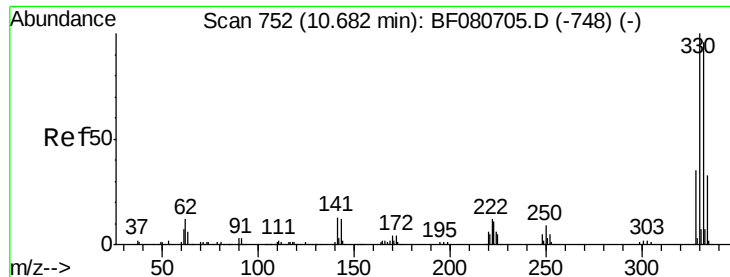
162 104.4 83.4 125.0

160 47.2 38.0 57.0



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

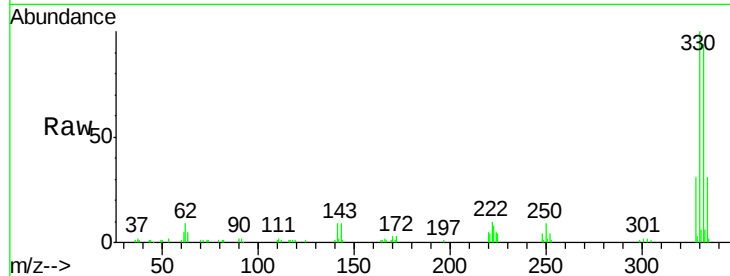




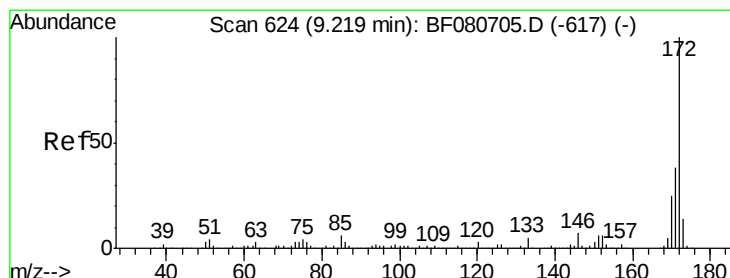
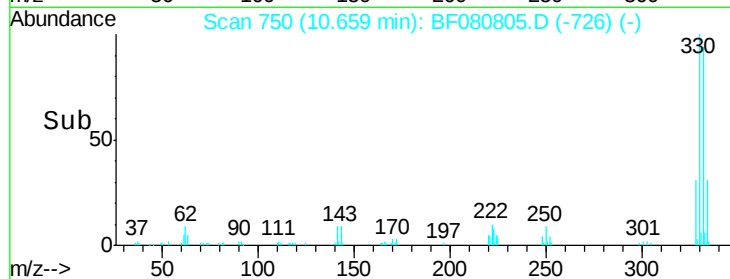
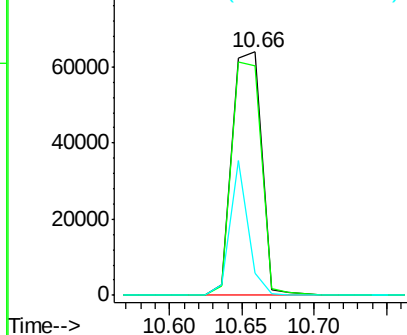
#41
 2,4,6-Tribromophenol
 Concen: 28.79 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF080805.D
 Acq: 2 Aug 2015 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 90169
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 33.8 26.0 39.0

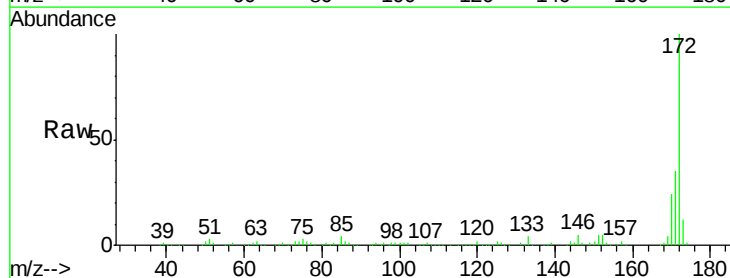


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

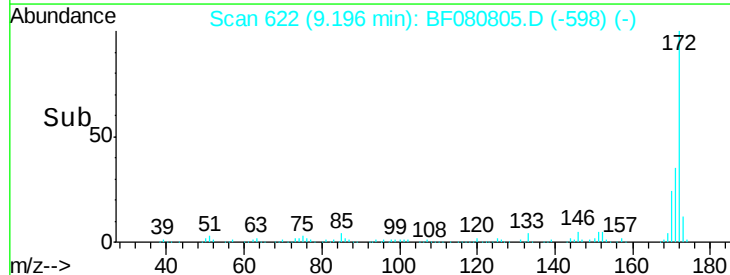
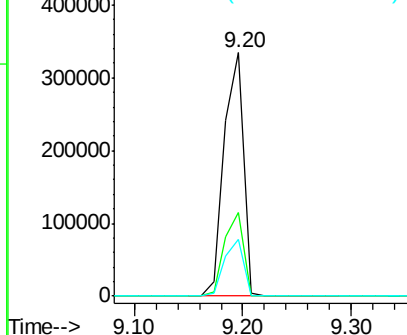


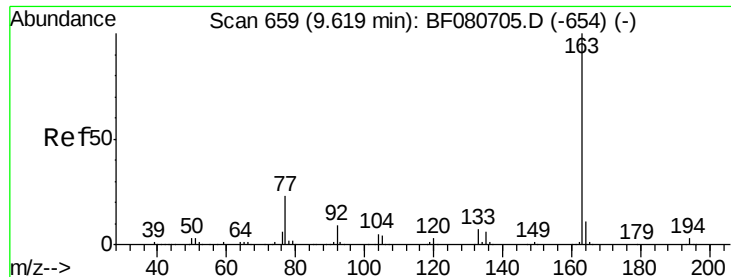
#44
 2-Fluorobiphenyl
 Concen: 20.46 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF080805.D
 Acq: 2 Aug 2015 14:06

Tgt Ion:172 Resp: 413961
 Ion Ratio Lower Upper
 172 100
 171 34.6 30.2 45.4
 170 23.5 20.2 30.2



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

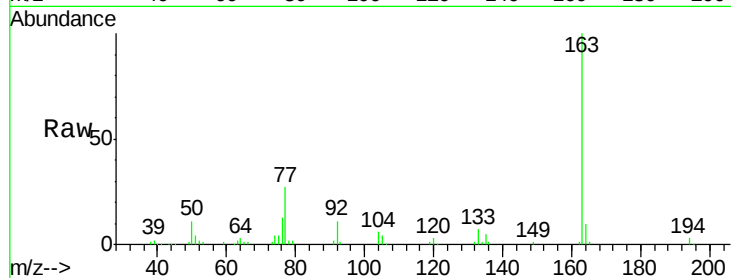




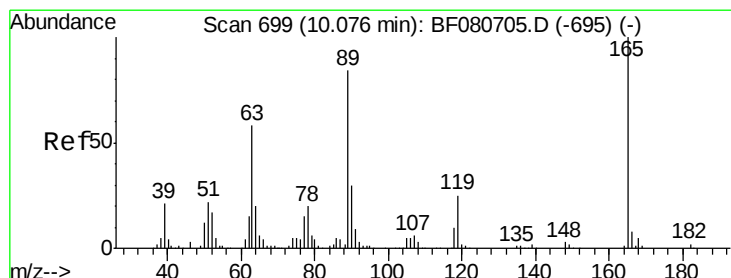
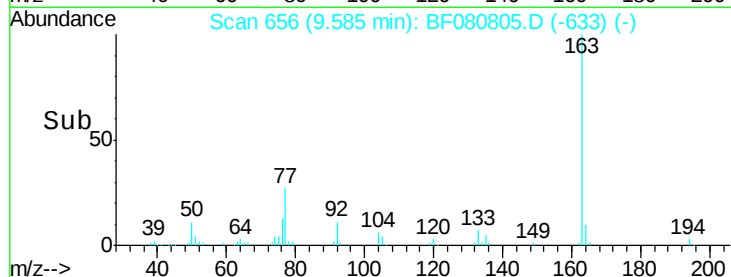
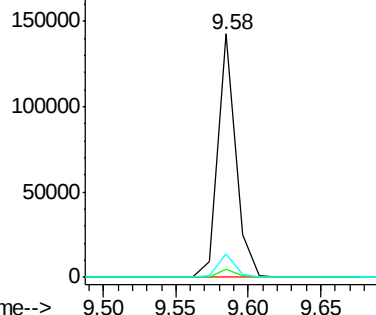
#49
Dimethylphthalate
Concen: 5.75 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF080805.D
Acq: 2 Aug 2015 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 122219
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.9 8.7 13.1

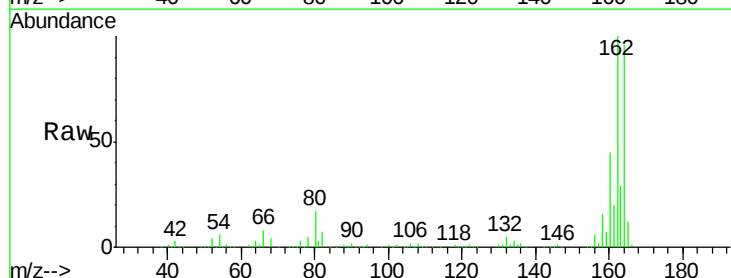


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

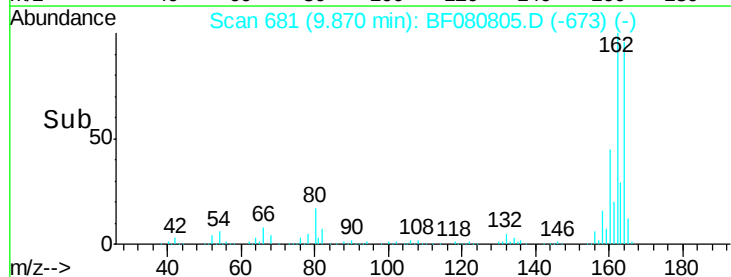
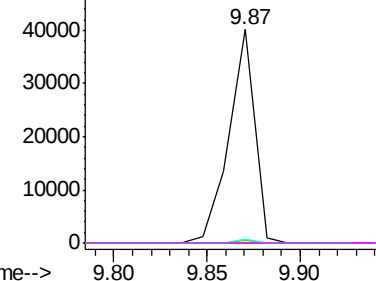


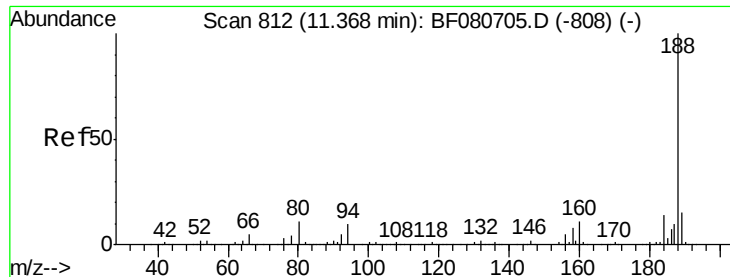
#56
2,4-Dinitrotoluene
Concen: 6.46 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.21 min
Lab File: BF080805.D
Acq: 2 Aug 2015 14:06

Tgt Ion:165 Resp: 38257
Ion Ratio Lower Upper
165 100
63 1.2 46.7 70.1#
89 1.7 67.4 101.2#
182 0.0 1.8 2.6#



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

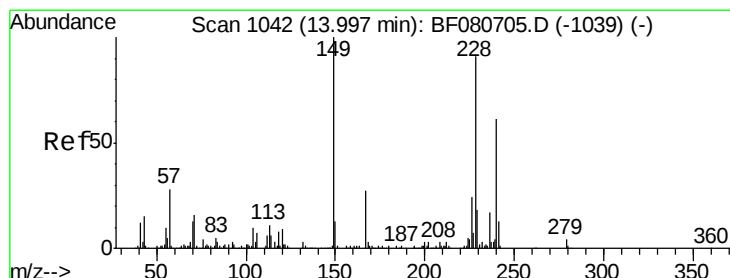
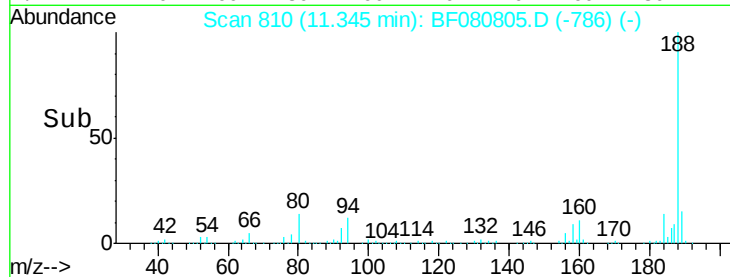
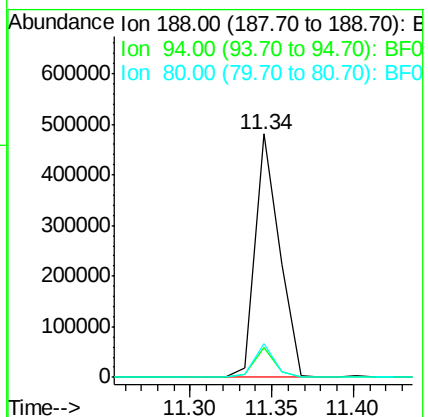
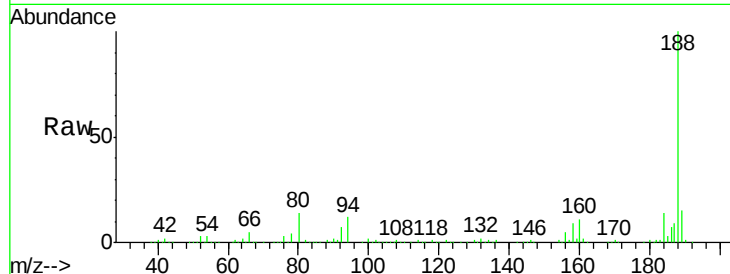




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.02 min
Lab File: BF080805.D
Acq: 2 Aug 2015 14:06

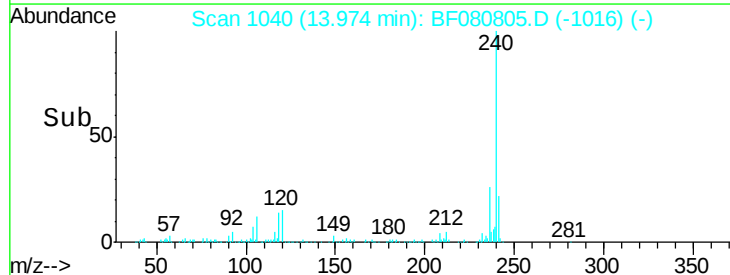
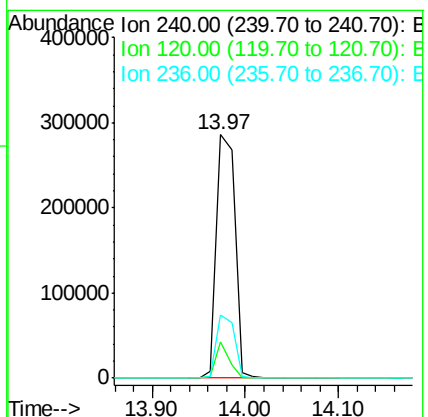
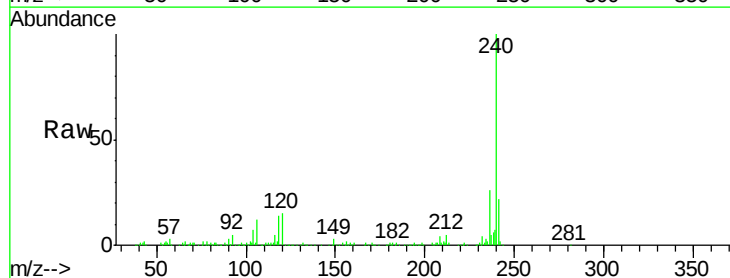
Instrument :
BNA_F
ClientSampleId :

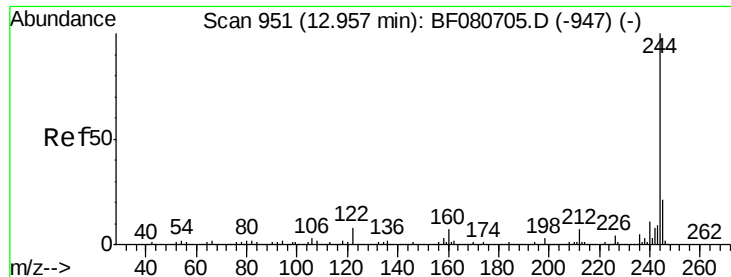
Tot Ion:188 Resp: 499368
Ion Ratio Lower Upper
188 100
94 12.3 8.1 12.1#
80 13.8 9.1 13.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF080805.D
Acq: 2 Aug 2015 14:06

Tgt Ion:240 Resp: 393732
Ion Ratio Lower Upper
240 100
120 14.8 11.8 17.8
236 26.0 21.8 32.8

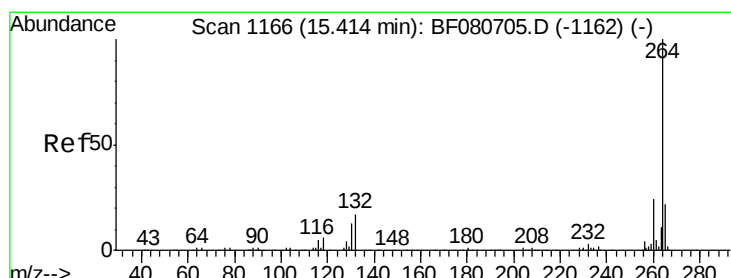
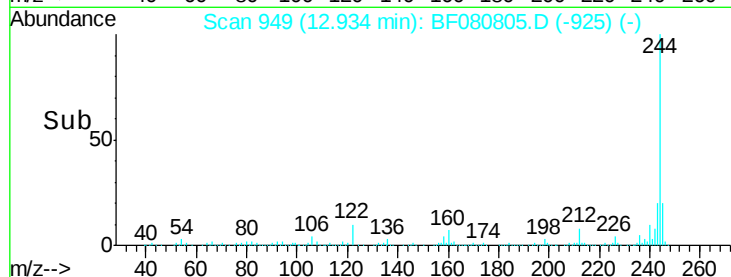
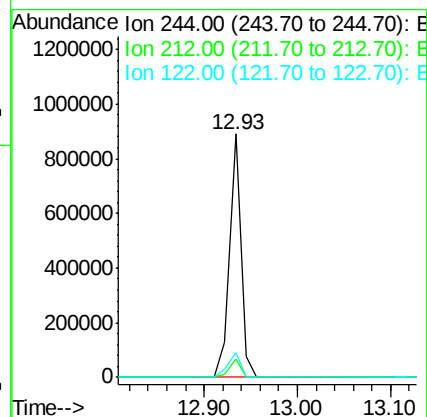
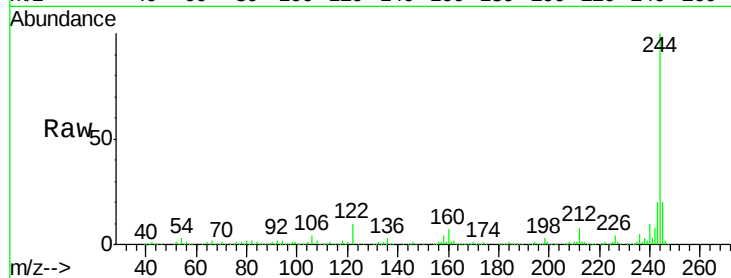




#78
 Terphenyl-d14
 Concen: 36.30 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.02 min
 Lab File: BF080805.D
 Acq: 2 Aug 2015 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.4	6.6	9.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BF080805.D
 Acq: 2 Aug 2015 14:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.4	29.0
265	21.6	17.3	25.9

