

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
 Data File : BF087781.D
 Acq On : 7 Jun 2016 7:59
 Operator : UM/SJ
 Sample : H3349-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-31

Quant Time: Jun 07 08:30:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

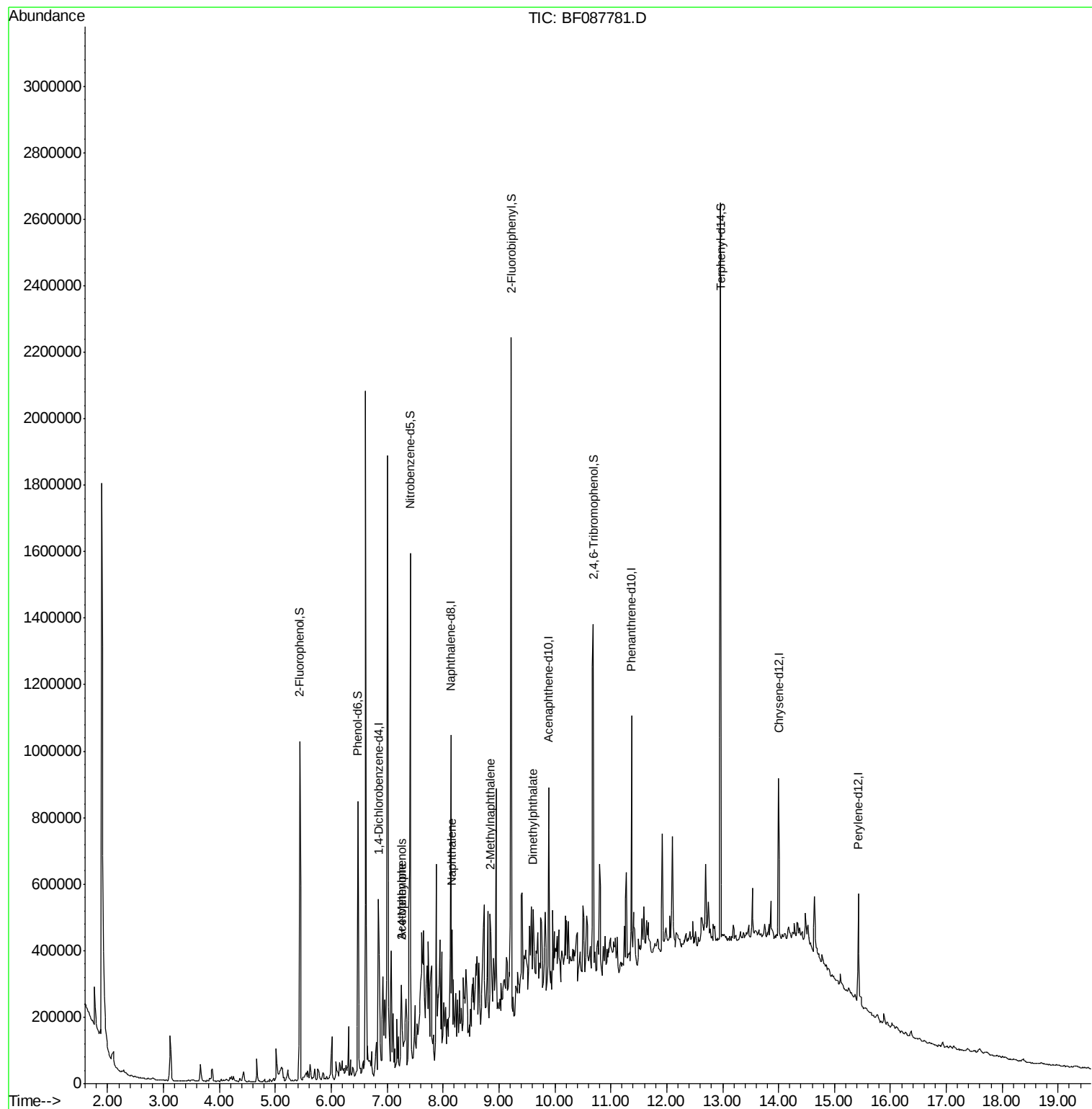
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	97439	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	383165	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	150977	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	244138	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	185744	20.00	ng	-0.02
86) Perylene-d12	15.43	264	149659	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	362686	60.16	ng	-0.01
7) Phenol-d6	6.48	99	285721	37.79	ng	-0.01
23) Nitrobenzene-d5	7.42	82	496817	75.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	211949	139.85	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1024088	120.62	ng	-0.01
78) Terphenyl-d14	12.96	244	694702	91.26	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	7.26	107	28816	4.22	ng	# 79
22) Acetophenone	7.26	105	24544	2.83	ng	# 78
31) Naphthalene	8.16	128	106331	5.71	ng	98
37) 2-Methylnaphthalene	8.84	142	79230	6.44	ng	# 95
49) Dimethylphthalate	9.61	163	76962	7.01	ng	100

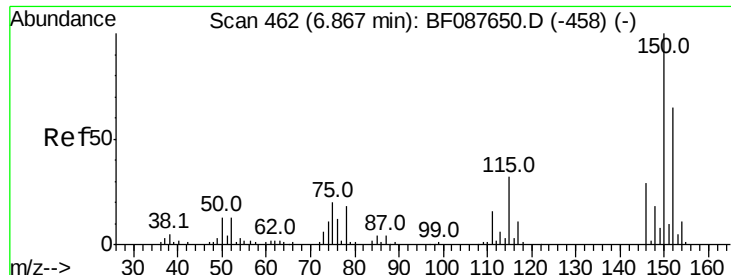
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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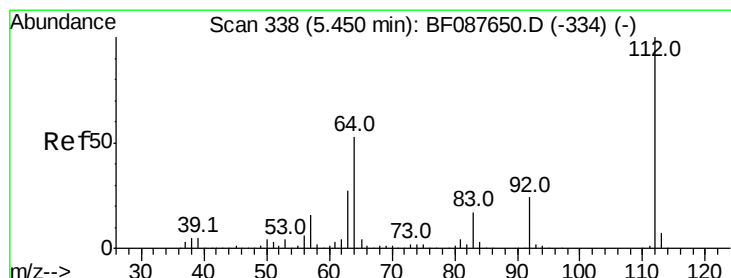
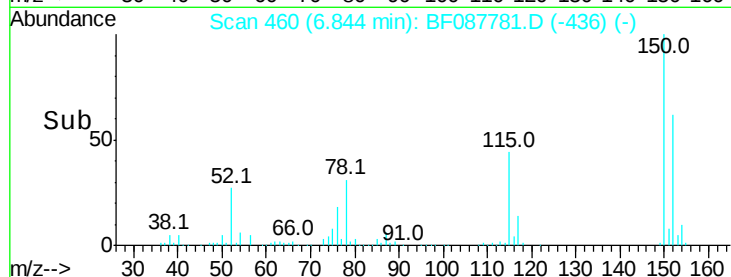
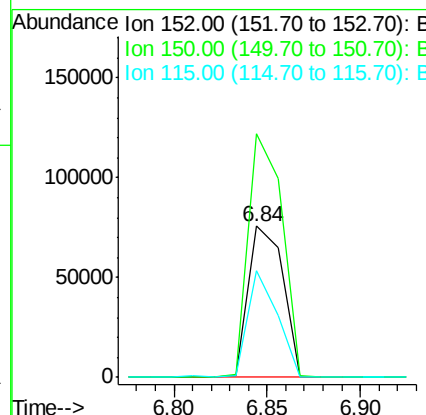
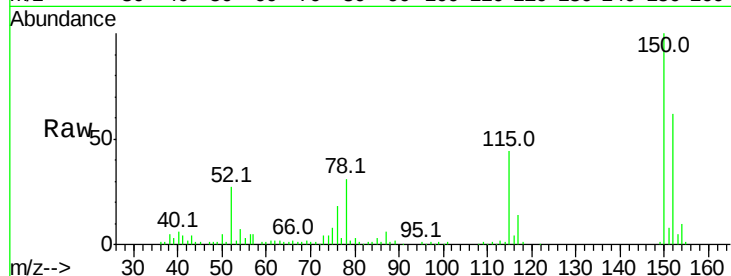


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Instrument :
BNA_F
ClientSampleId :
W-31

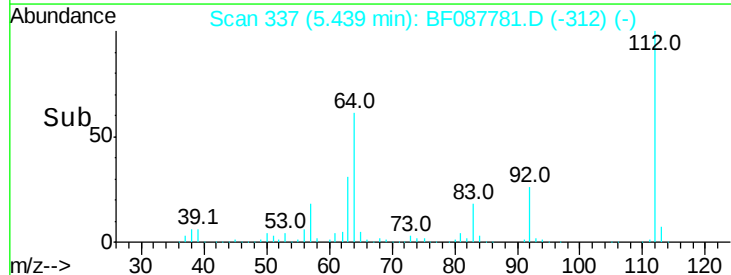
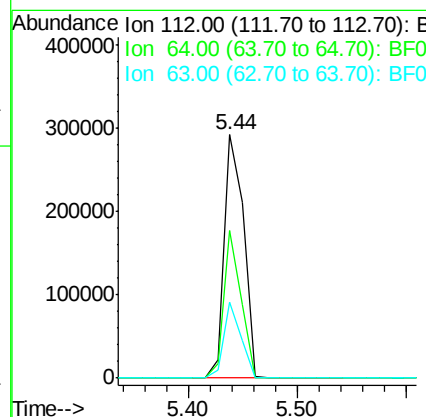
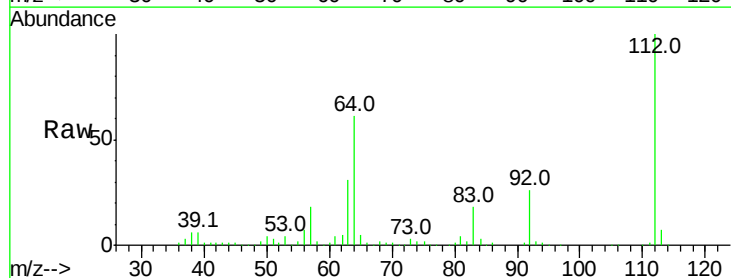
Tot Ion:152 Resp: 97439
Ion Ratio Lower Upper
152 100
150 161.1 123.8 185.6
115 70.5 39.6 59.4#

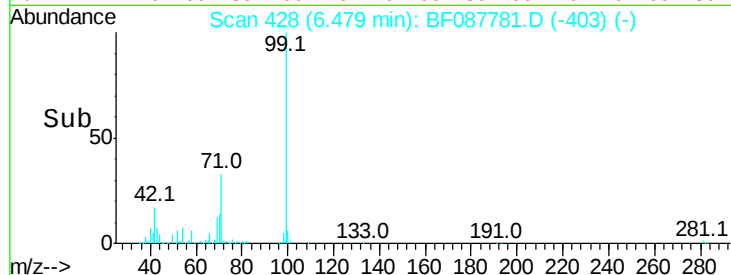
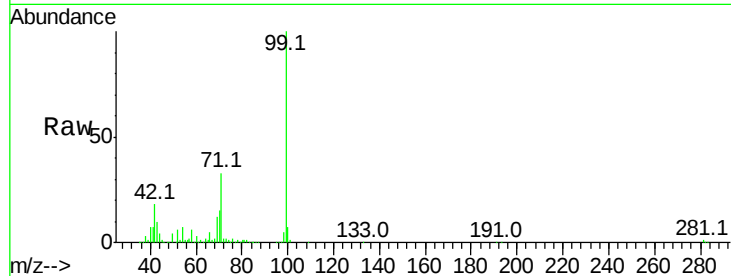
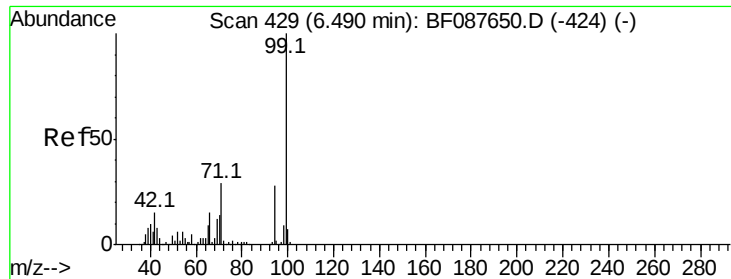


#5

2-Fluorophenol
Concen: 60.16 ng
RT: 5.44 min Scan# 337
Delta R.T. -0.01 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Tgt Ion:112 Resp: 362686
Ion Ratio Lower Upper
112 100
64 60.6 42.2 63.2
63 31.3 21.8 32.8





#7

Phenol-d6

Concen: 37.79 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087781.D

Acq: 7 Jun 2016 7:59

Instrument :

BNA_F

ClientSampleId :

W-31

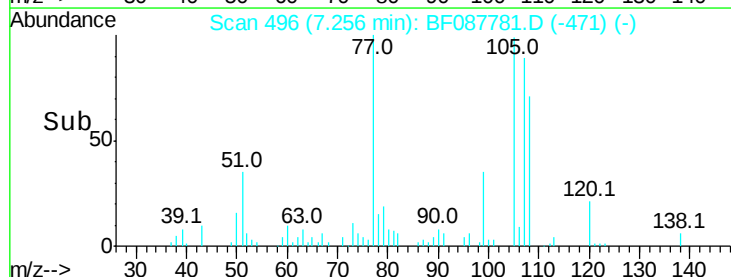
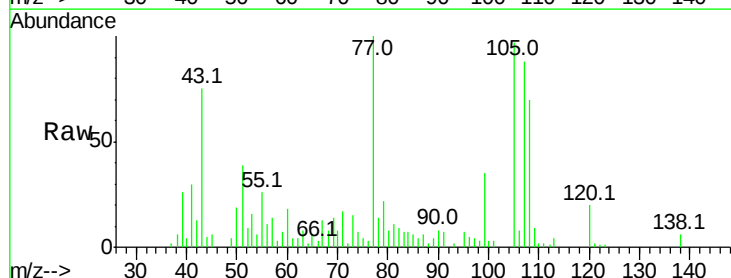
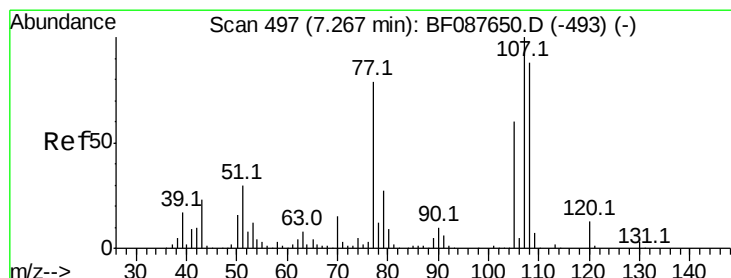
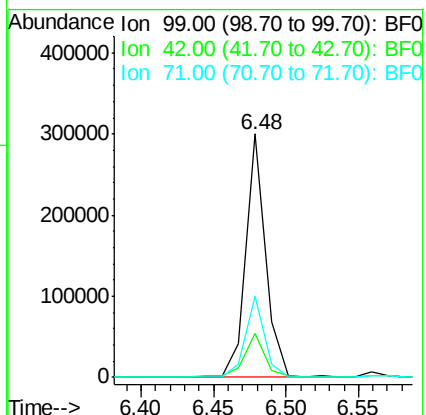
Tot Ion: 99 Resp: 285721

Ion Ratio Lower Upper

99 100

42 17.9 12.2 18.2

71 33.0 23.4 35.0



#20

3+4-Methylphenols

Concen: 4.22 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.01 min

Lab File: BF087781.D

Acq: 7 Jun 2016 7:59

Tgt Ion:107 Resp: 28816

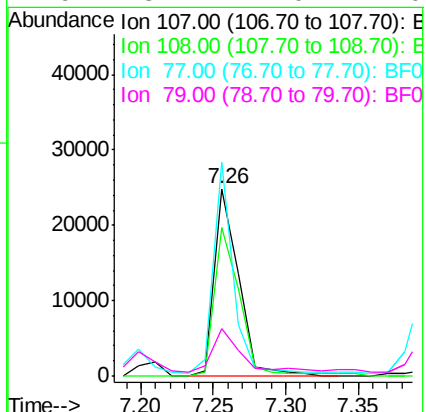
Ion Ratio Lower Upper

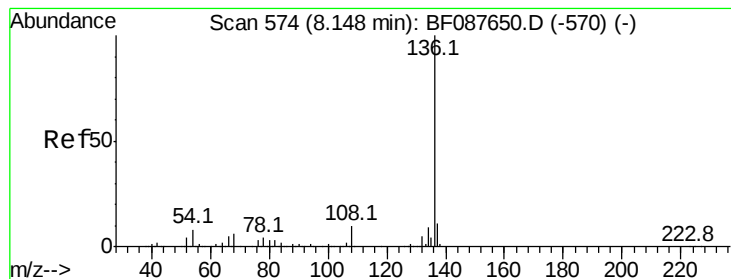
107 100

108 79.8 67.8 107.8

77 114.2 59.3 99.3#

79 25.1 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF087781.D

Acq: 7 Jun 2016 7:59

Instrument :

BNA_F

ClientSampleId :

W-31

Tot Ion:136 Resp: 383165

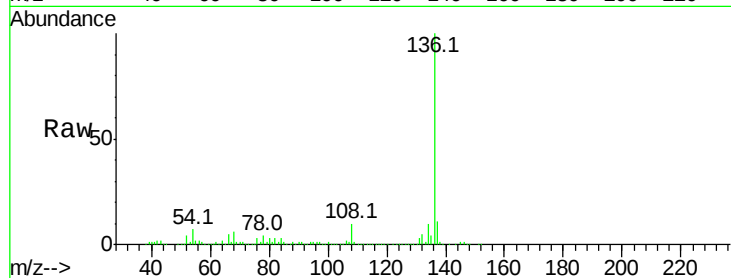
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.5 6.6 10.0

68 6.1 5.1 7.7

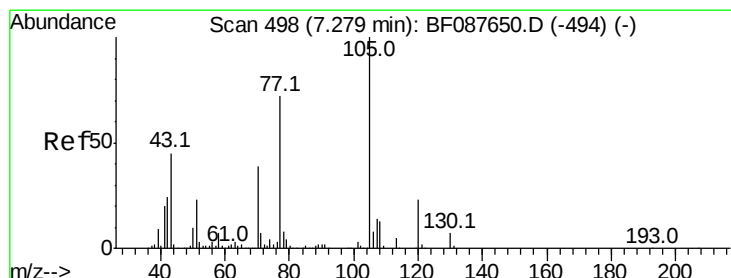
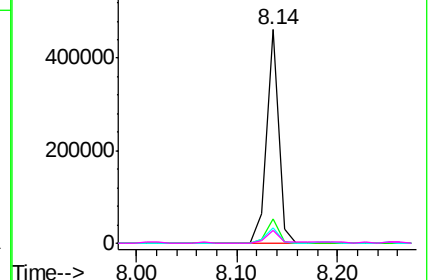
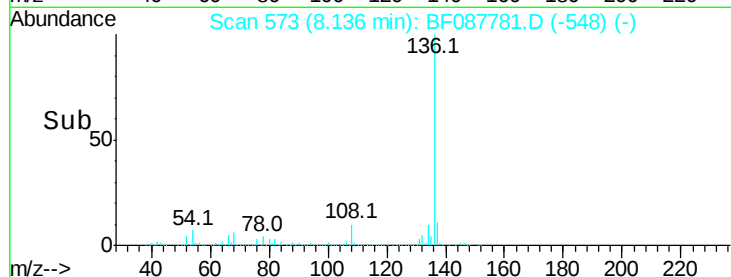


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 2.83 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF087781.D

Acq: 7 Jun 2016 7:59

Tgt Ion:105 Resp: 24544

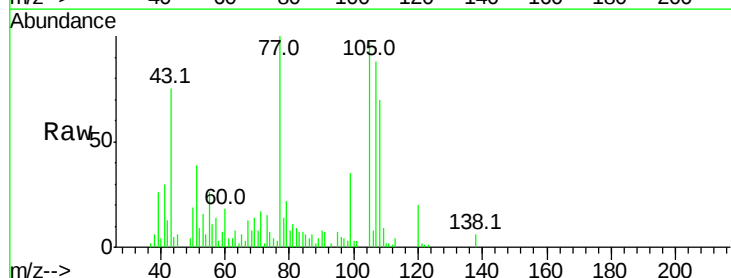
Ion Ratio Lower Upper

105 100

71 18.1 5.3 7.9#

51 40.5 18.2 27.4#

120 21.2 18.0 27.0

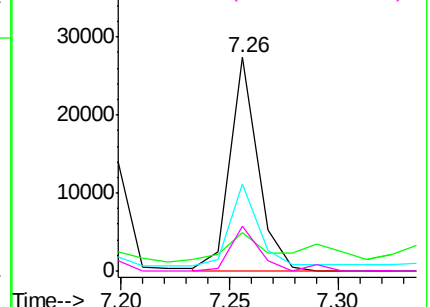
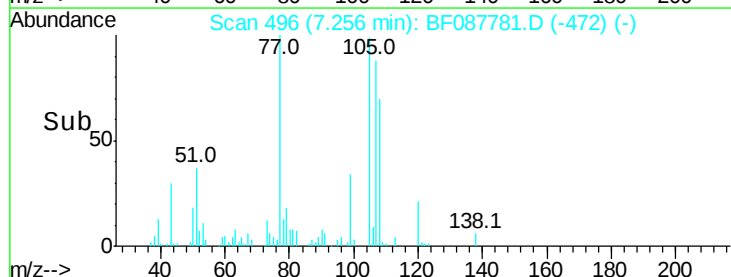


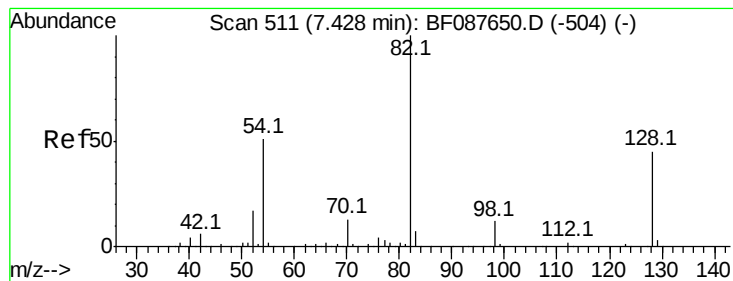
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.02 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF087781.D

Acq: 7 Jun 2016 7:59

Instrument :

BNA_F

ClientSampleId :

W-31

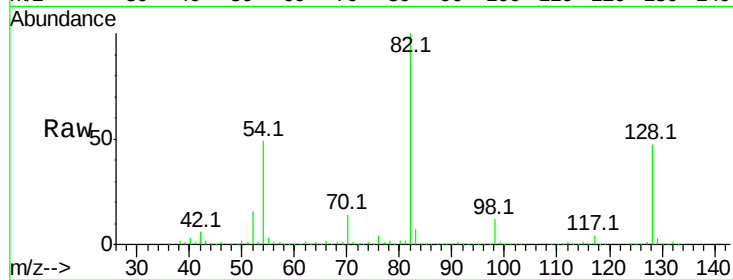
Tot Ion: 82 Resp: 496817

Ion Ratio Lower Upper

82 100

128 47.0 35.9 53.9

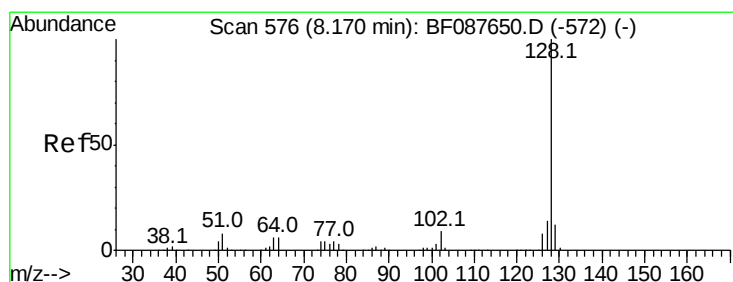
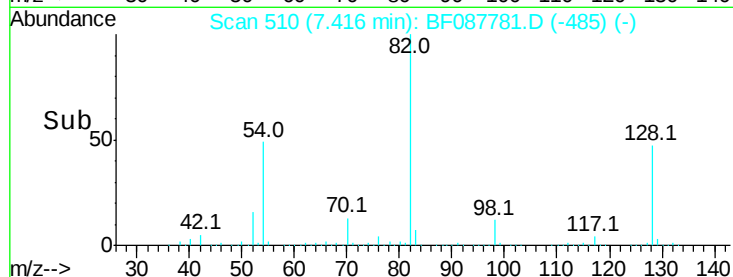
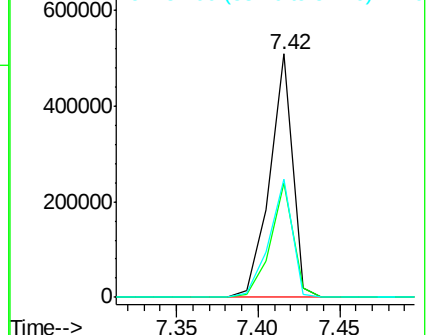
54 48.7 40.9 61.3



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



#31

Naphthalene

Concen: 5.71 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF087781.D

Acq: 7 Jun 2016 7:59

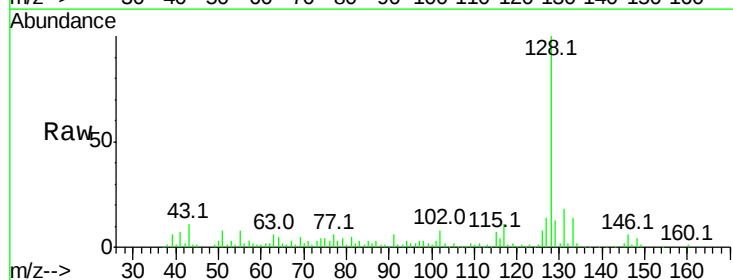
Tgt Ion:128 Resp: 106331

Ion Ratio Lower Upper

128 100

129 13.3 9.4 14.2

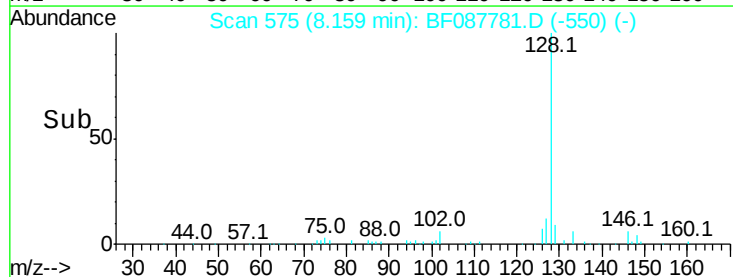
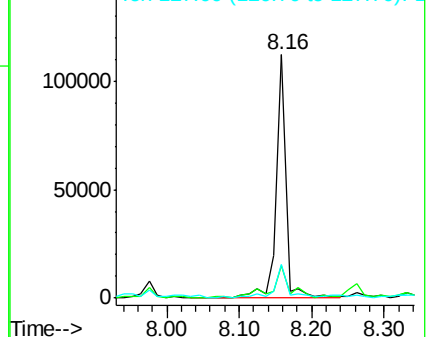
127 13.9 10.9 16.3

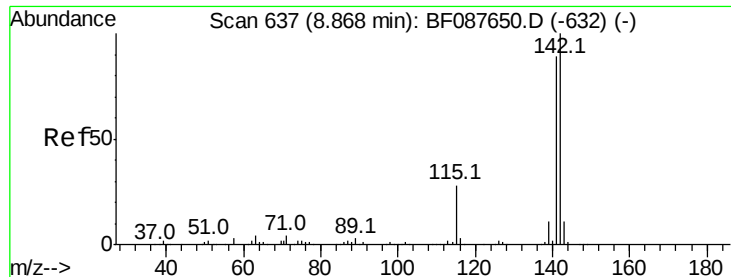


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

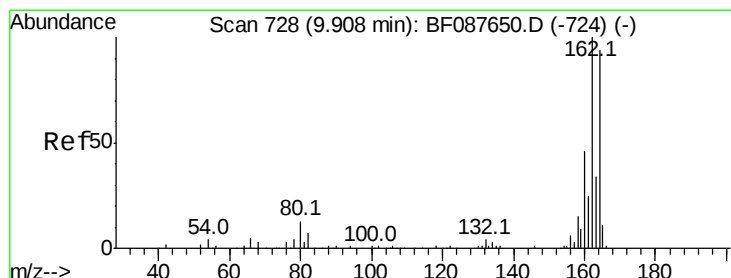
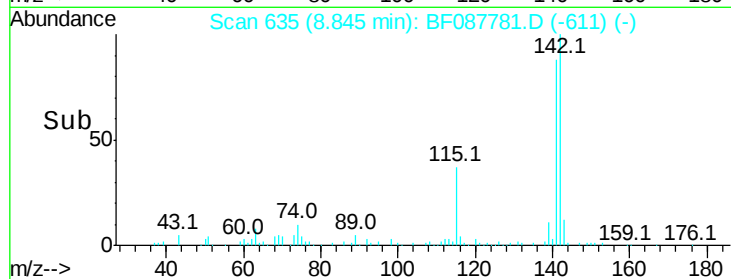
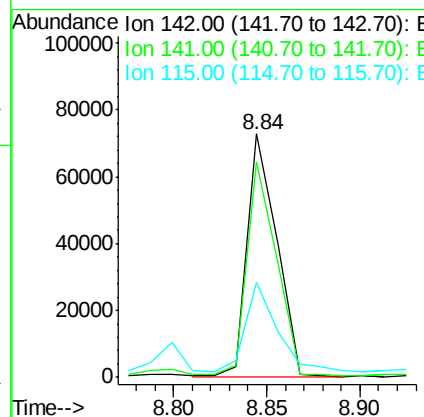
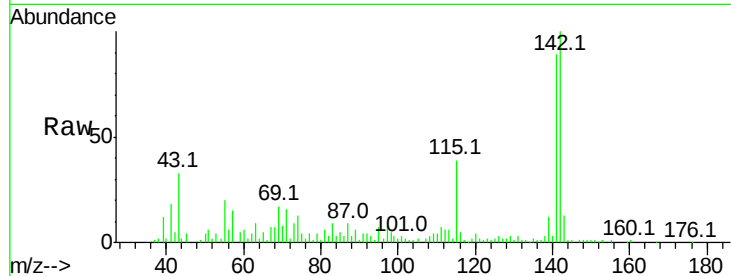




#37
2-Methylnaphthalene
Concen: 6.44 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.02 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

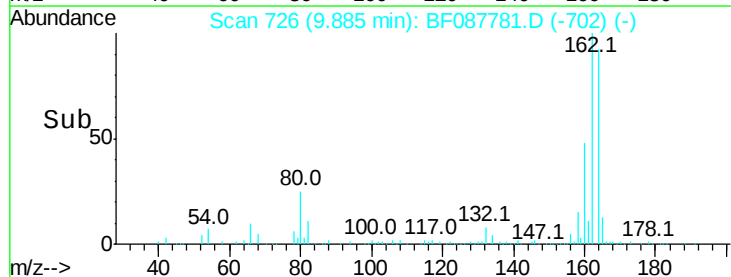
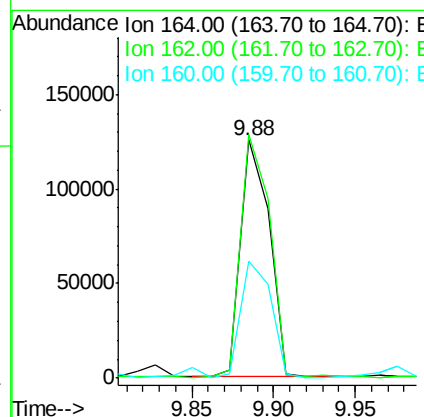
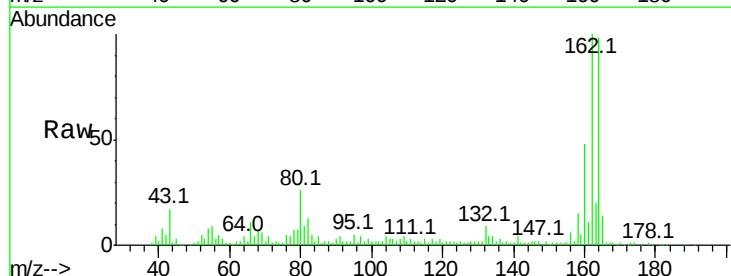
Instrument :
BNA_F
ClientSampled :
W-31

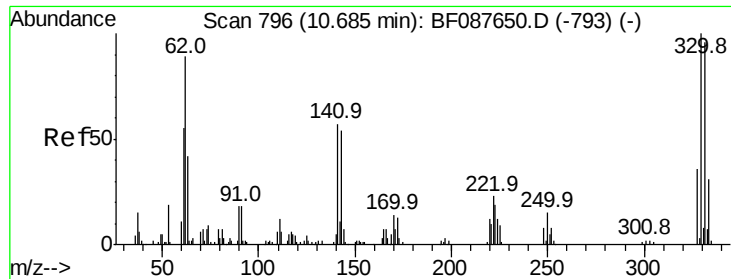
Tot Ion:142 Resp: 79230
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6
115 39.0 22.6 33.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Tgt Ion:164 Resp: 150977
Ion Ratio Lower Upper
164 100
162 102.1 85.4 128.2
160 48.8 39.5 59.3

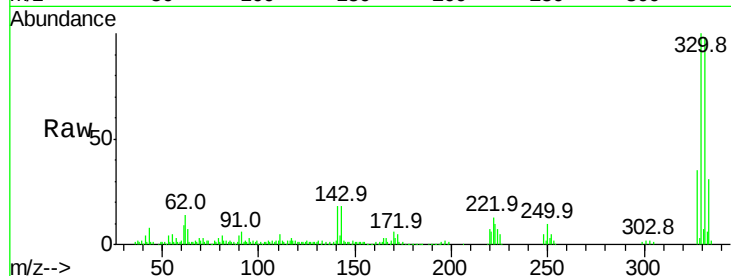




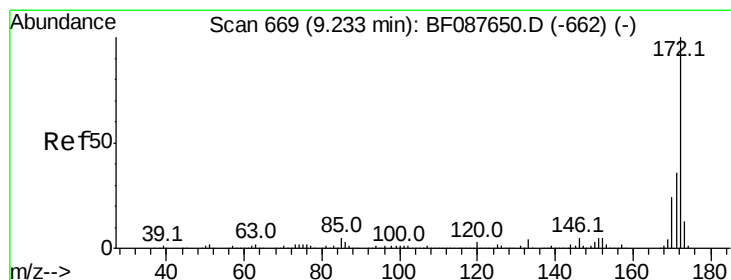
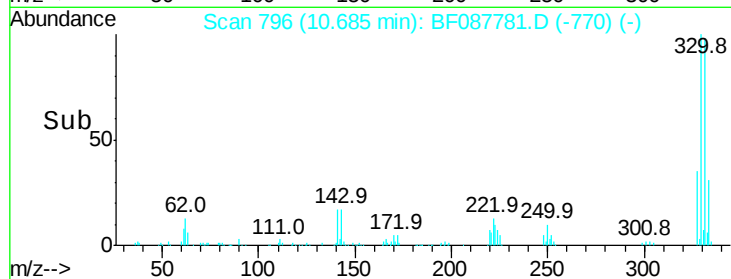
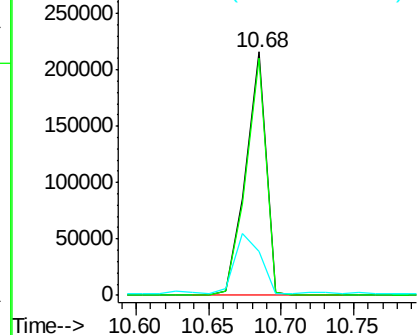
#41
 2,4,6-Tribromophenol
 Concen: 139.85 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087781.D
 Acq: 7 Jun 2016 7:59

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	31.5	0.0	0.0#

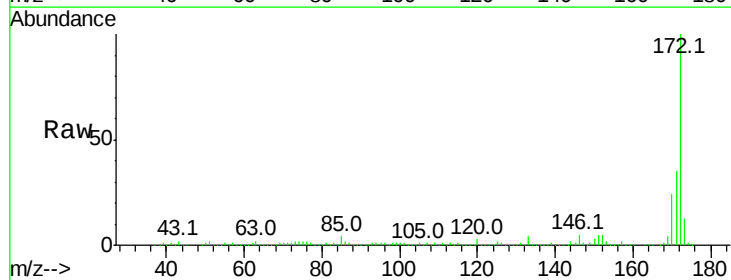


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

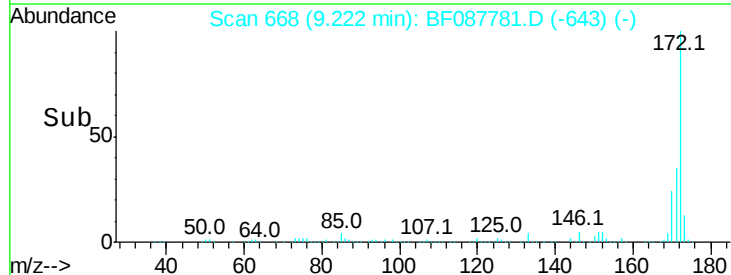
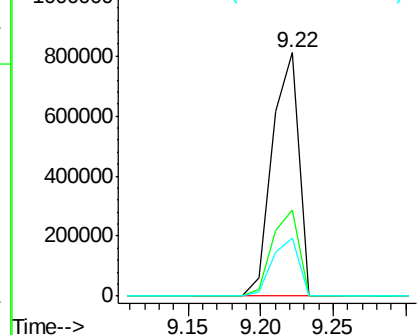


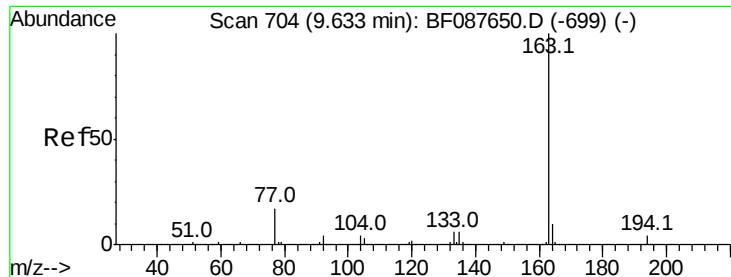
#44
 2-Fluorobiphenyl
 Concen: 120.62 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087781.D
 Acq: 7 Jun 2016 7:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.6	19.2	28.8



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: 7.01 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF087781.D

Acq: 7 Jun 2016 7:59

Instrument :

BNA_F

ClientSampleId :

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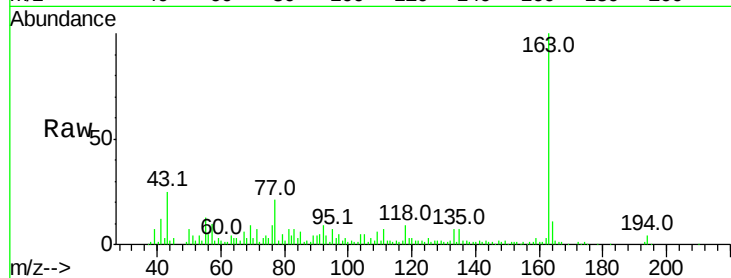
Tot Ion:163 Resp: 76962

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

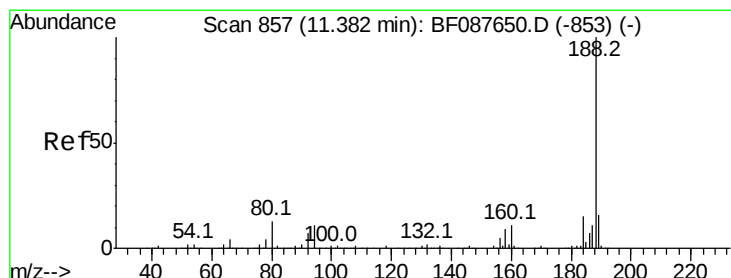
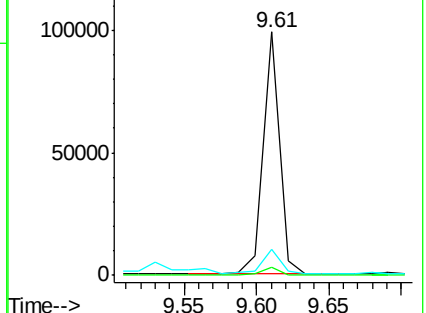
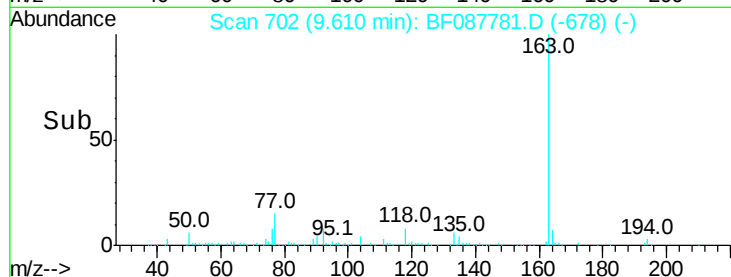
164 10.6 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF087781.D

Acq: 7 Jun 2016 7:59

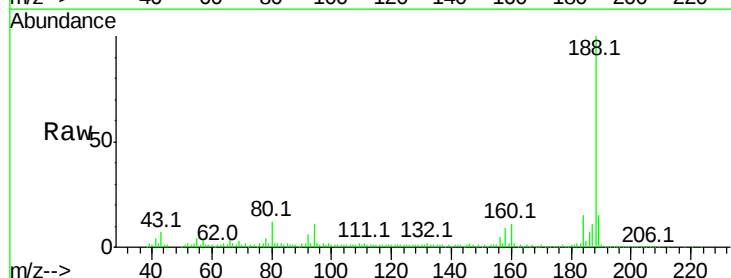
Tgt Ion:188 Resp: 244138

Ion Ratio Lower Upper

188 100

94 10.6 9.0 13.6

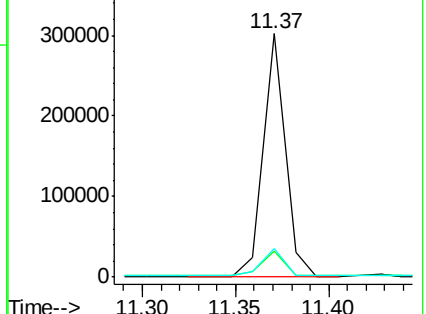
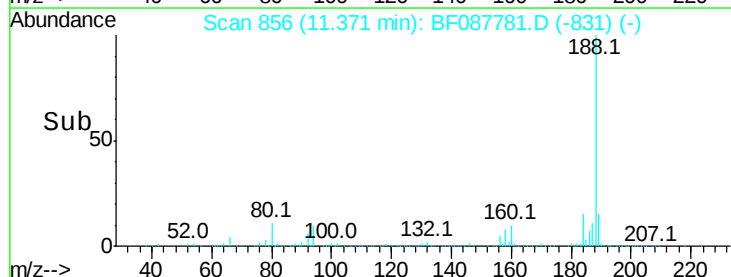
80 11.5 10.0 15.0

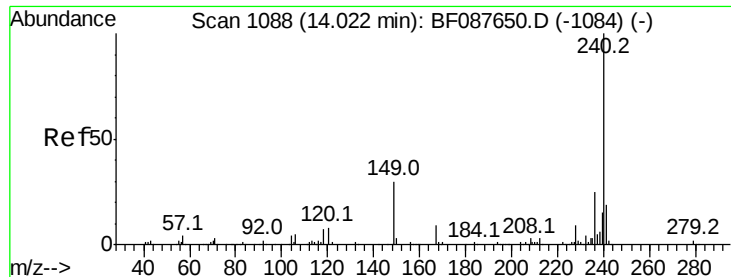


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF087781.D

Acq: 7 Jun 2016 7:59

Instrument :

BNA_F

ClientSampleId :

W-31

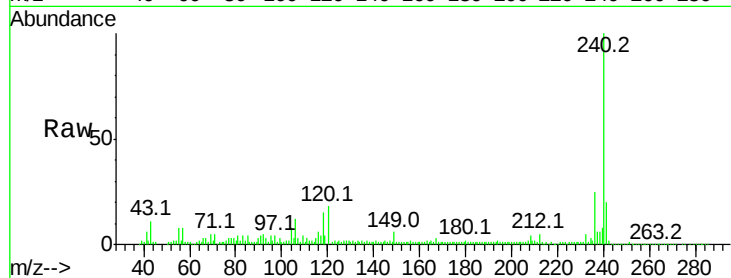
Tot Ion:240 Resp: 185744

Ion Ratio Lower Upper

240 100

120 17.5 6.8 10.2#

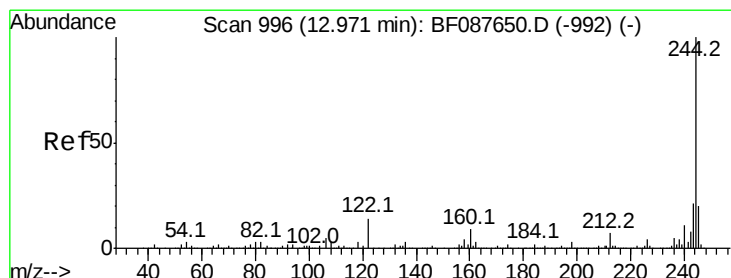
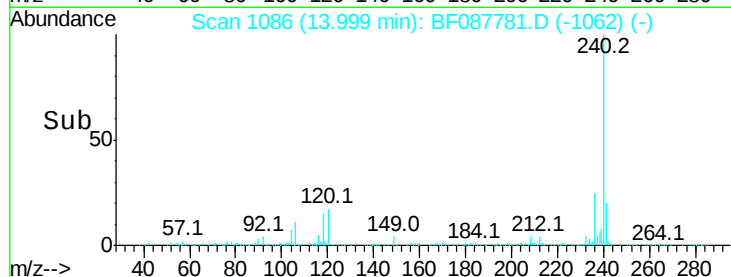
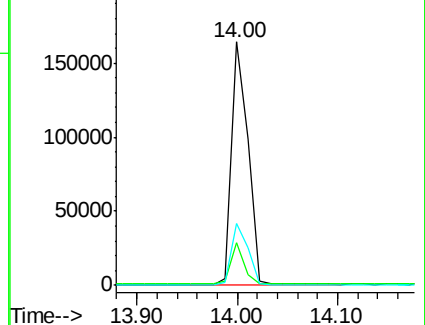
236 25.4 20.2 30.2



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: 91.26 ng

RT: 12.96 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF087781.D

Acq: 7 Jun 2016 7:59

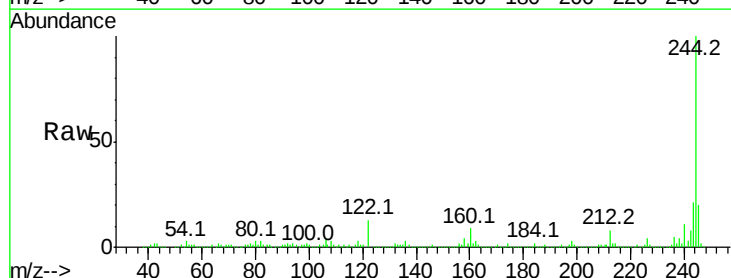
Tgt Ion:244 Resp: 694702

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

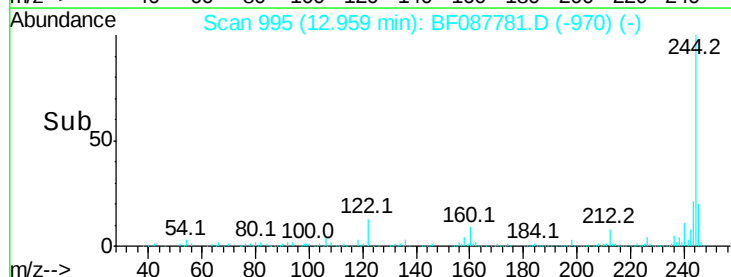
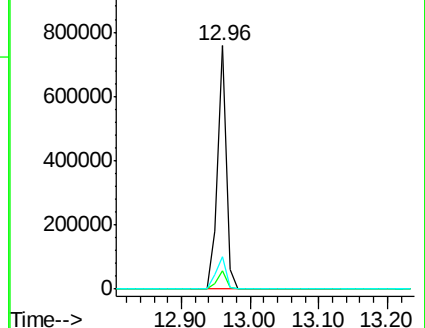
122 13.4 11.2 16.8

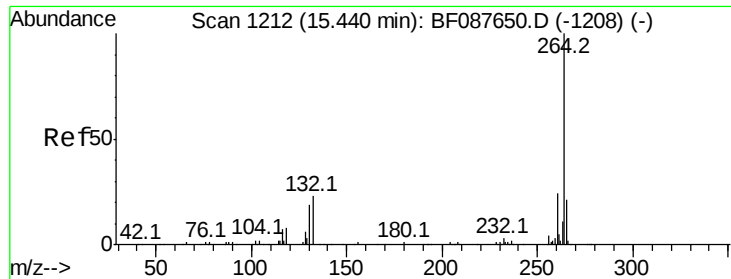


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF087781.D
Acq: 7 Jun 2016 7:59

Instrument :
BNA_F
ClientSampleId :
W-31

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	16.9	25.3

