

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
 Data File : BF087475.D
 Acq On : 28 May 2016 9:28
 Operator : UM/SJ
 Sample : H3258-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2

Quant Time: May 30 01:20:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 00:59:34 2016
 Response via : Initial Calibration

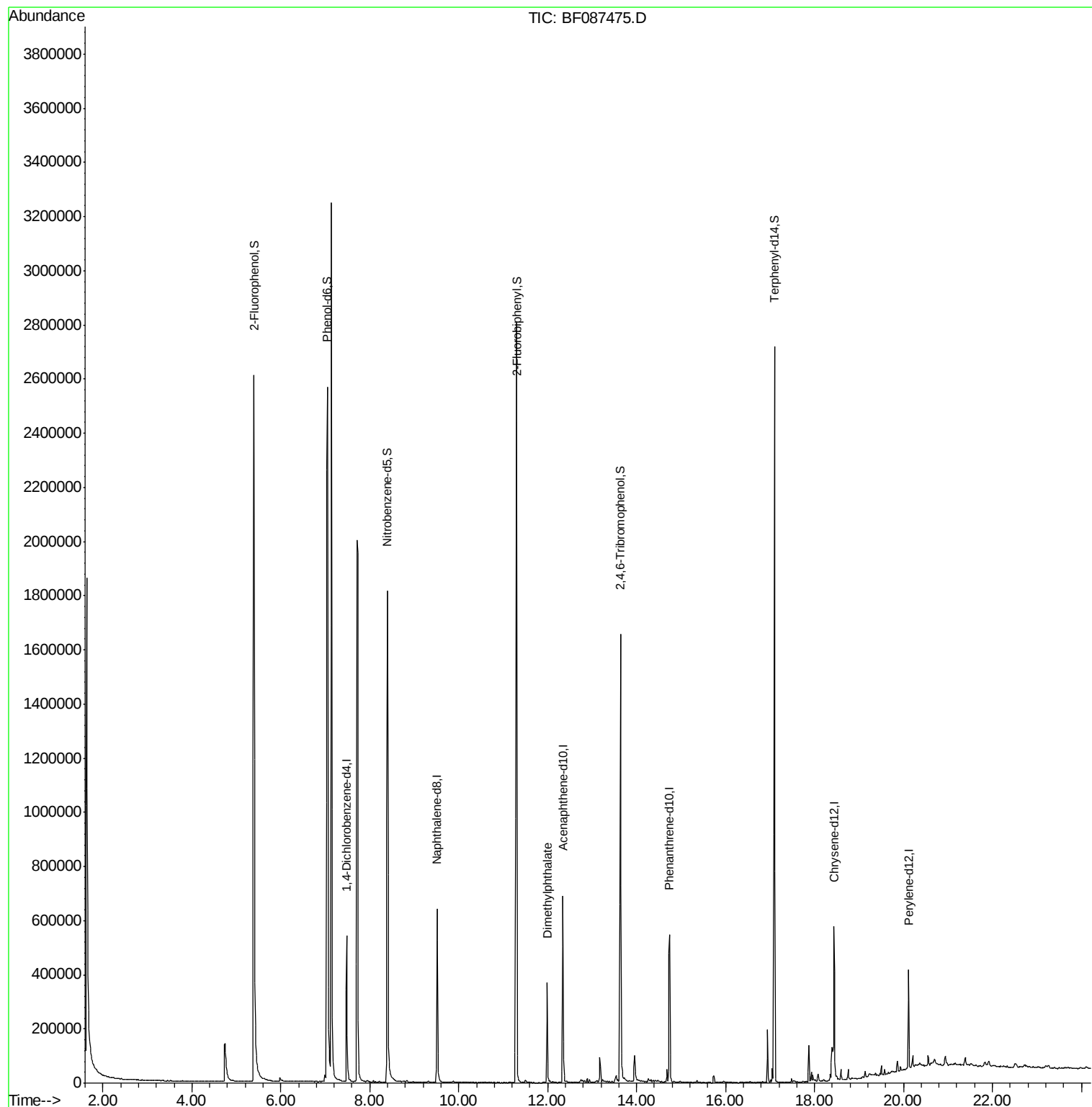
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	113345	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	450458	20.00	ng	-0.01
38) Acenaphthene-d10	12.34	164	192390	20.00	ng	-0.01
63) Phenanthrene-d10	14.74	188	312020	20.00	ng	-0.01
75) Chrysene-d12	18.43	240	237835	20.00	ng	-0.02
86) Perylene-d12	20.11	264	173348	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1002345	155.39	ng	0.01
7) Phenol-d6	7.05	99	1415143	162.36	ng	0.00
23) Nitrobenzene-d5	8.40	82	869765	97.31	ng	-0.02
41) 2,4,6-Tribromophenol	13.63	330	233716	126.41	ng	-0.01
44) 2-Fluorobiphenyl	11.30	172	1417443	103.87	ng	0.00
78) Terphenyl-d14	17.10	244	949463	84.87	ng	-0.01
Target Compounds						
49) Dimethylphthalate	11.99	163	201360	13.07	ng	Qvalue 98

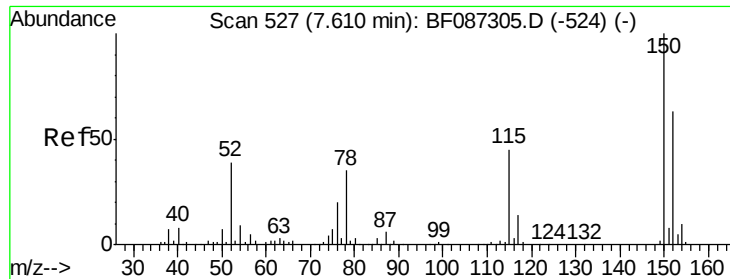
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

Instrument :

BNA_F

ClientSampleId :

B-2

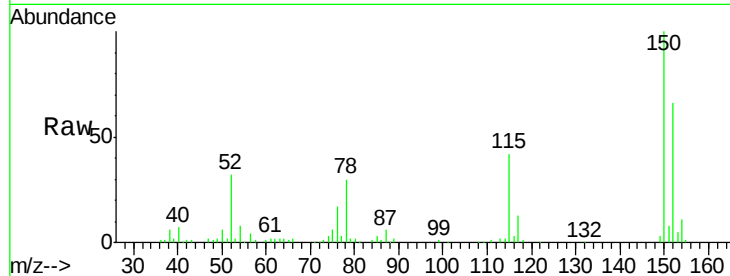
Tot Ion:152 Resp: 113345

Ion Ratio Lower Upper

152 100

150 152.6 125.8 188.6

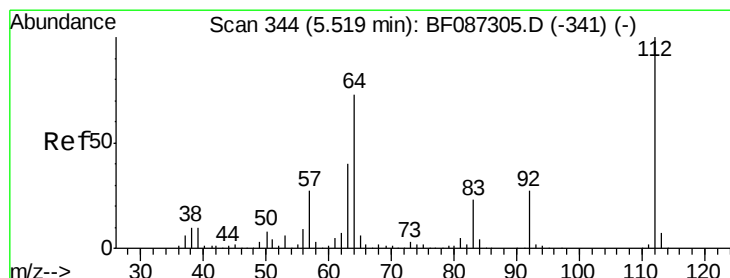
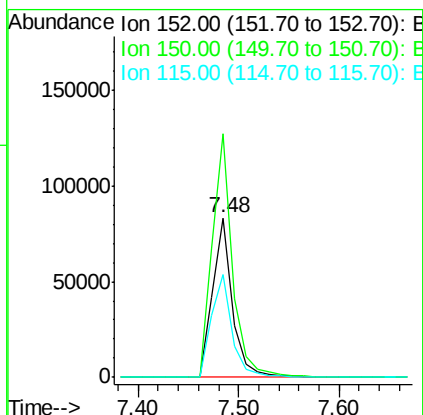
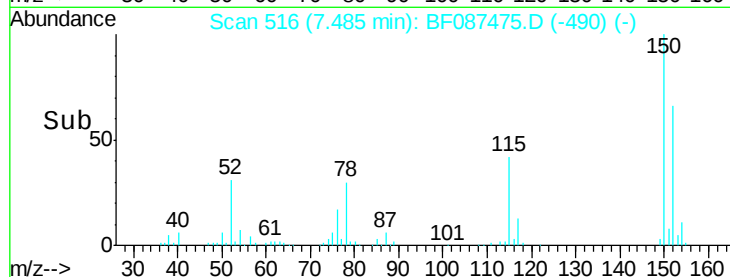
115 64.5 51.5 77.3



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: 155.39 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.01 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

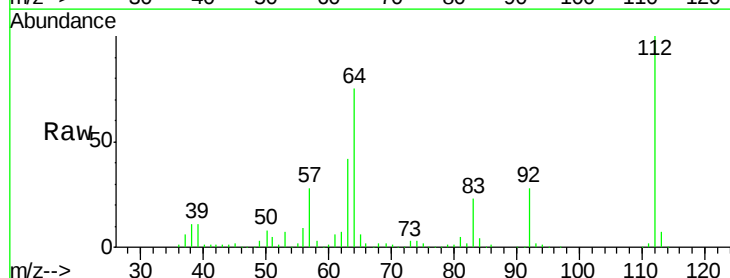
Tgt Ion:112 Resp: 1002345

Ion Ratio Lower Upper

112 100

64 75.0 52.1 78.1

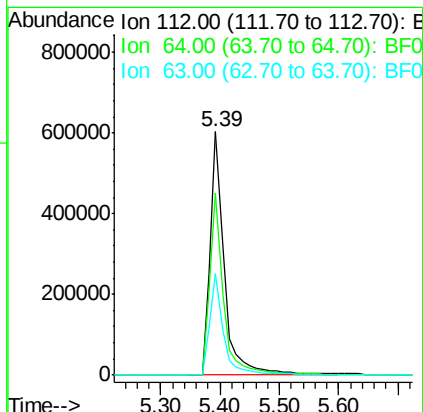
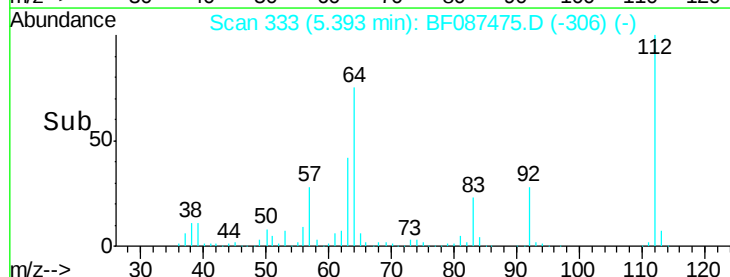
63 41.8 25.7 38.5



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: 162.36 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

Instrument :

BNA_F

ClientSampled :

B-2

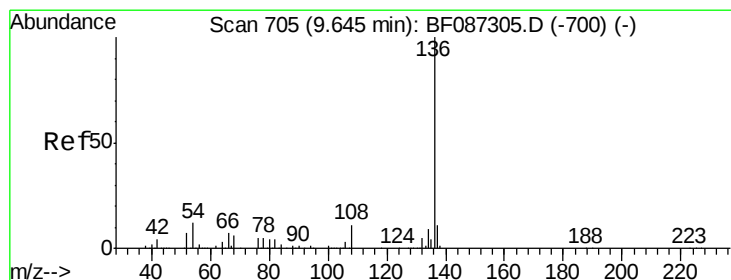
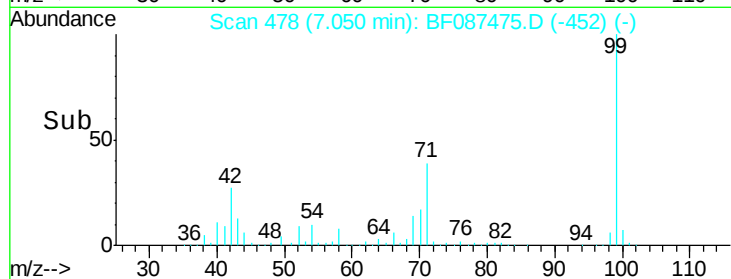
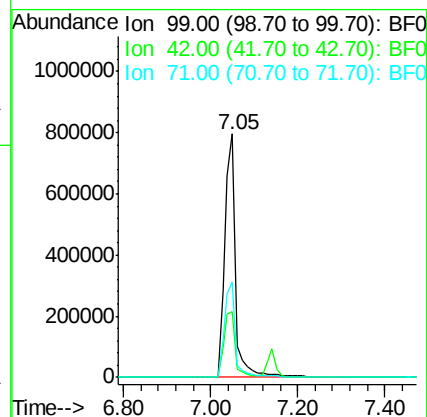
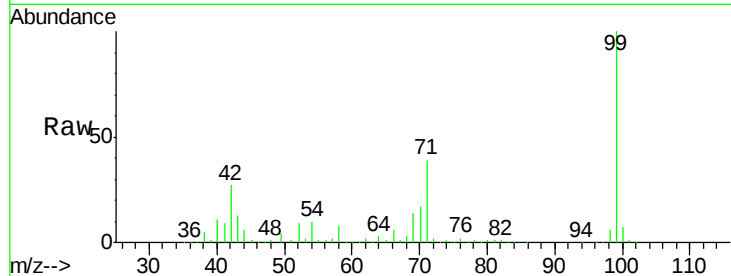
Tot Ion: 99 Resp: 1415143

Ion Ratio Lower Upper

99 100

42 26.9 13.6 20.4#

71 39.0 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

Tgt Ion: 136 Resp: 450458

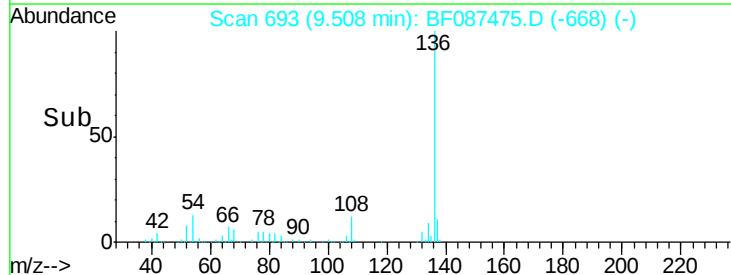
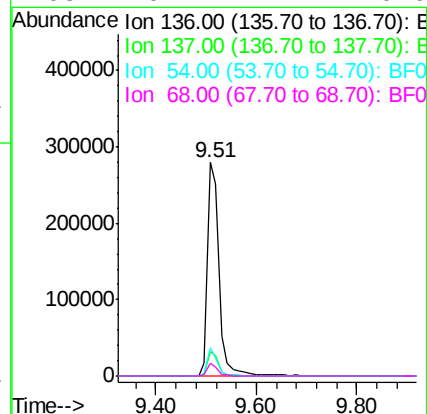
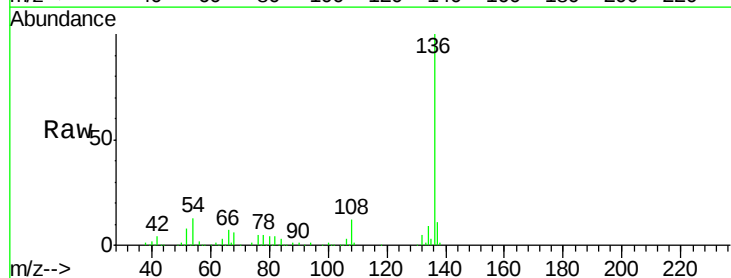
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 13.3 5.0 7.4#

68 6.1 4.4 6.6





#23

Nitrobenzene-d5

Concen: 97.31 ng

RT: 8.40 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

Instrument :

BNA_F

ClientSampleId :

B-2

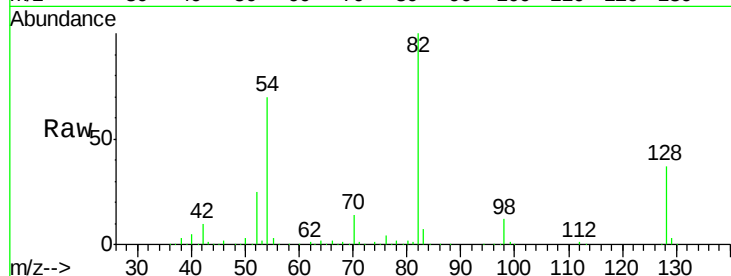
Tot Ion: 82 Resp: 869765

Ion Ratio Lower Upper

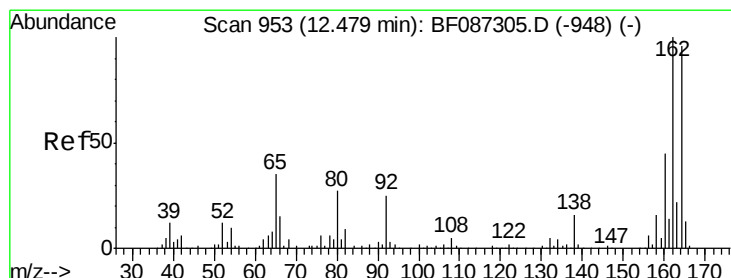
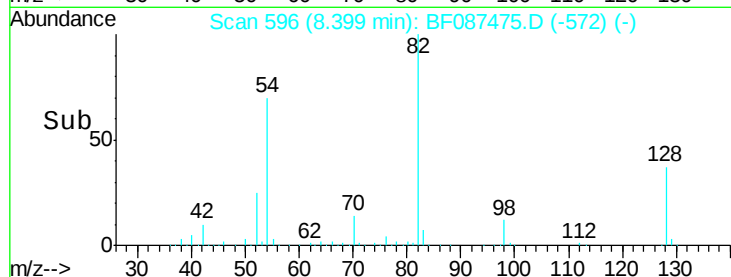
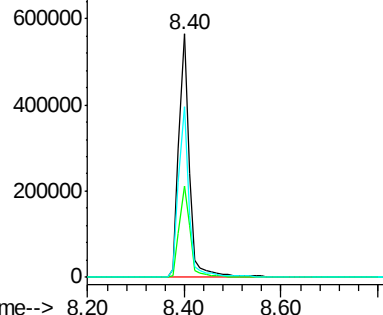
82 100

128 37.4 40.6 61.0#

54 70.0 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

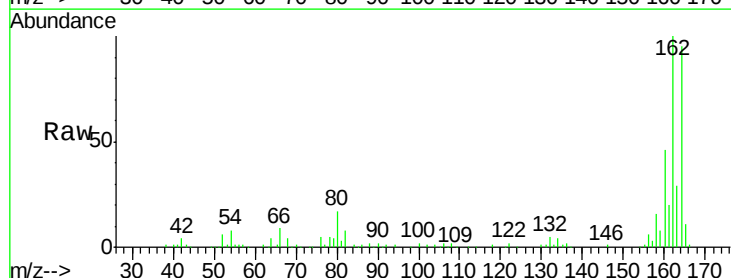
Tgt Ion:164 Resp: 192390

Ion Ratio Lower Upper

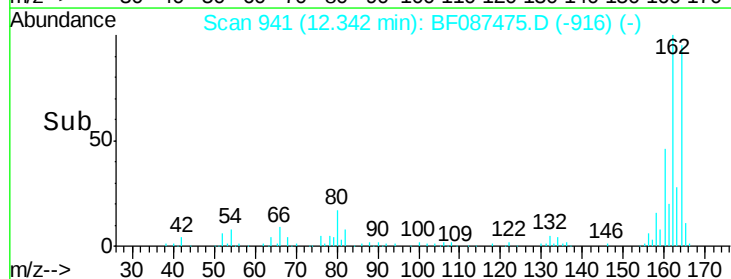
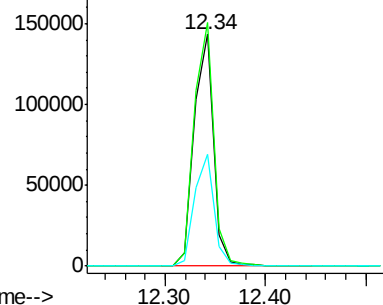
164 100

162 105.0 82.8 124.2

160 48.1 36.9 55.3



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

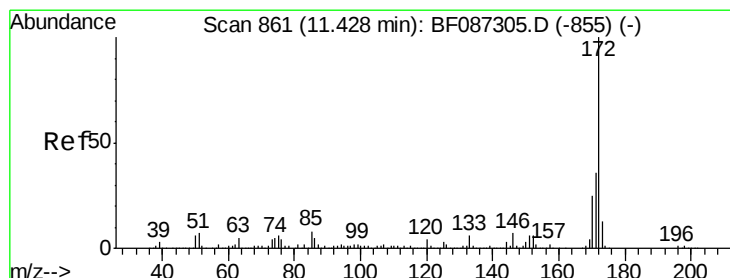
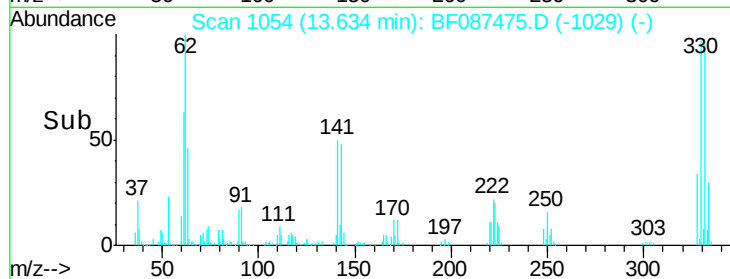
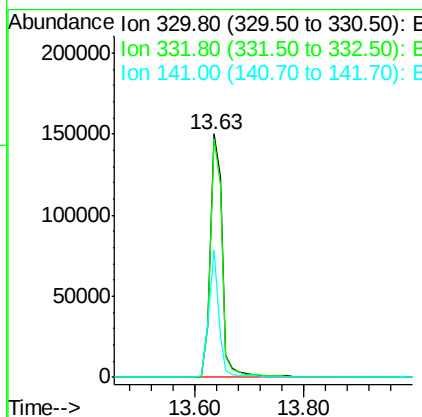
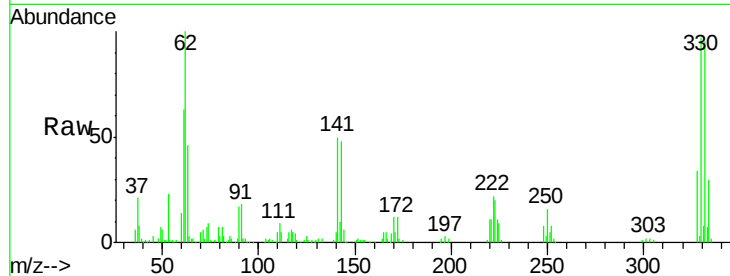




#41
 2,4,6-Tribromophenol
 Concen: 126.41 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BF087475.D
 Acq: 28 May 2016 9:28

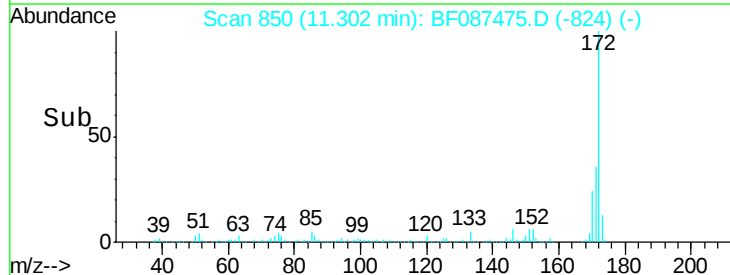
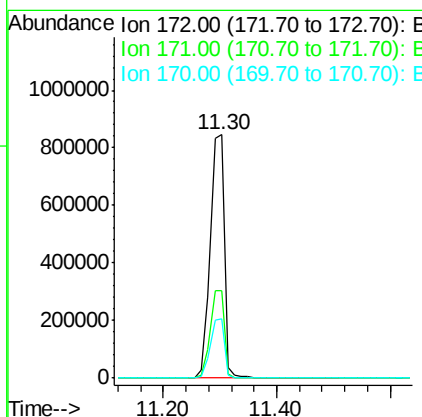
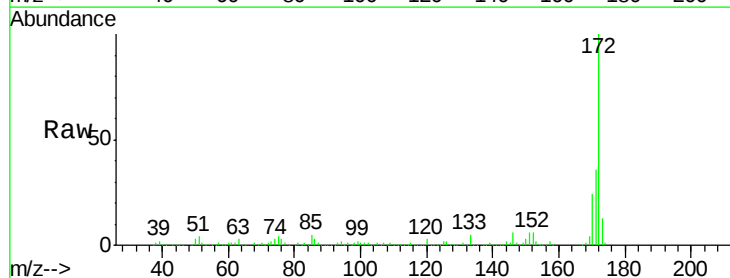
Instrument :
 BNA_F
 ClientSampleId :
 B-2

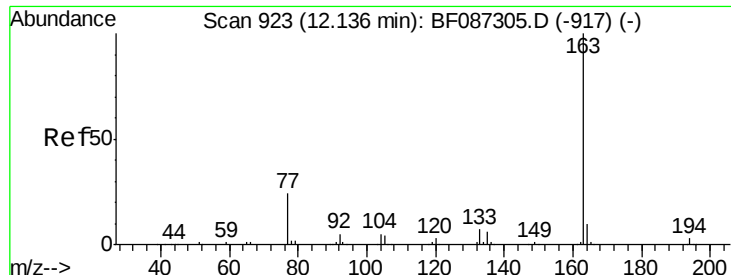
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	43.8	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 103.87 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF087475.D
 Acq: 28 May 2016 9:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.3	19.8	29.8





#49

Dimethylphthalate

Concen: 13.07 ng

RT: 11.99 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

Instrument :

BNA_F

ClientSampleId :

B-2

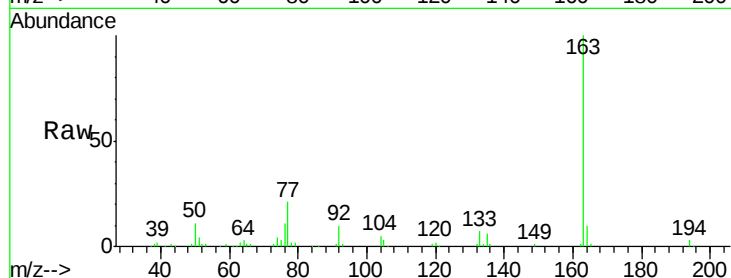
Tot Ion:163 Resp: 201360

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

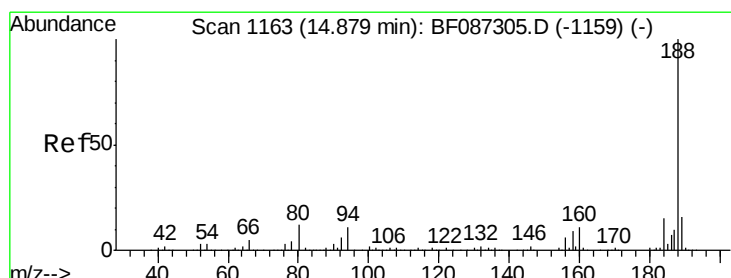
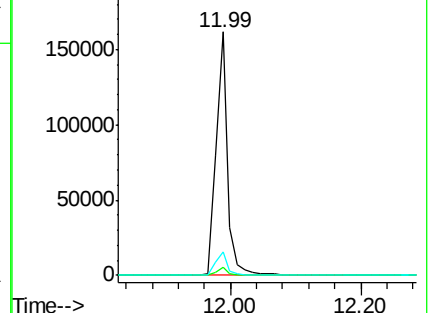
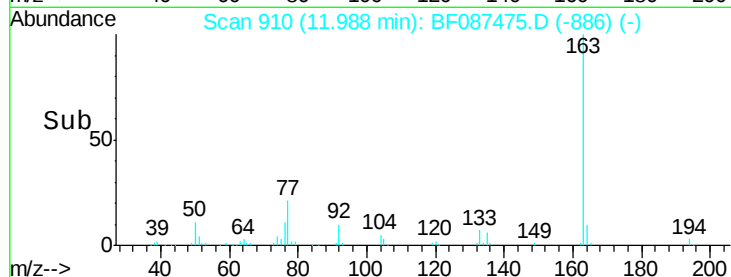
164 9.6 8.2 12.4



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: 14.74 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

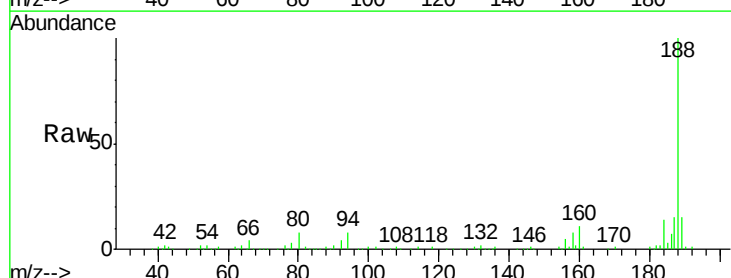
Tgt Ion:188 Resp: 312020

Ion Ratio Lower Upper

188 100

94 7.8 6.8 10.2

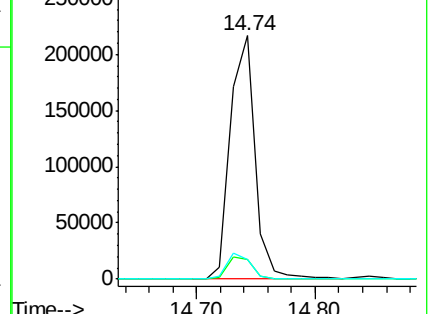
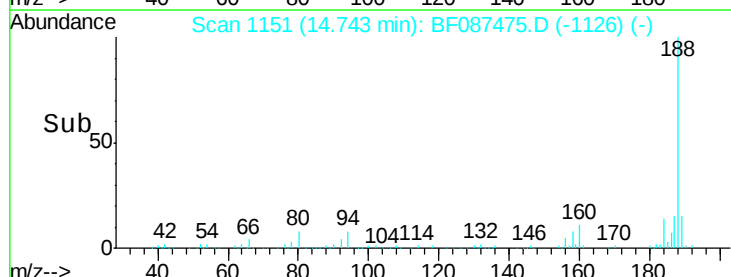
80 8.1 7.1 10.7

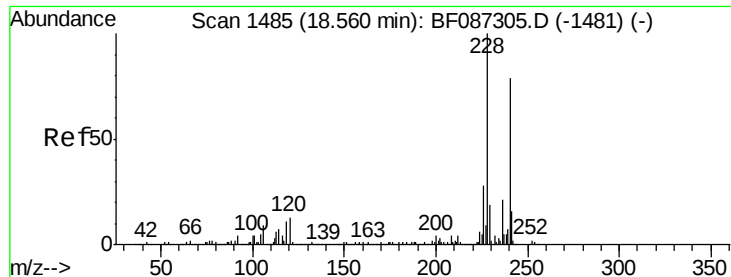


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.43 min Scan# 1474

Delta R.T. -0.02 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

Instrument :

BNA_F

ClientSampled :

B-2

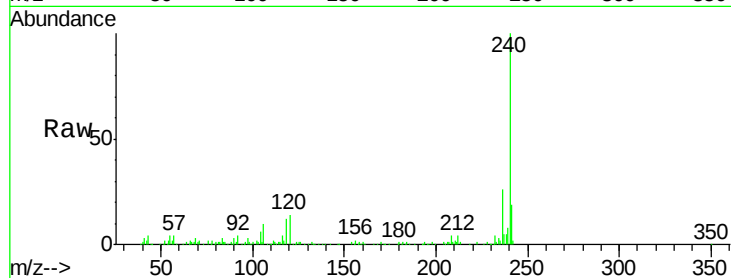
Tot Ion:240 Resp: 237835

Ion Ratio Lower Upper

240 100

120 13.7 11.2 16.8

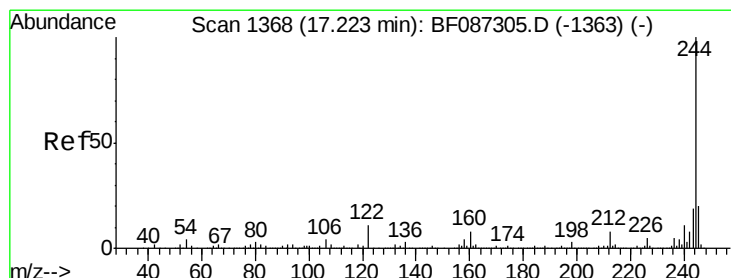
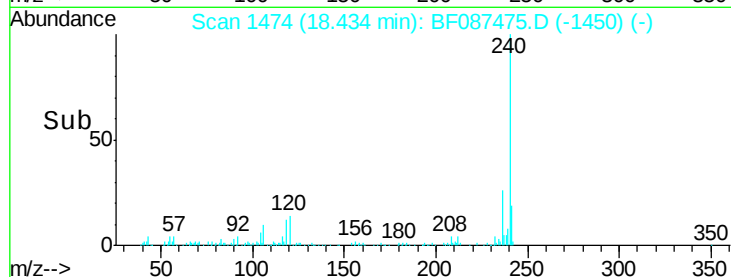
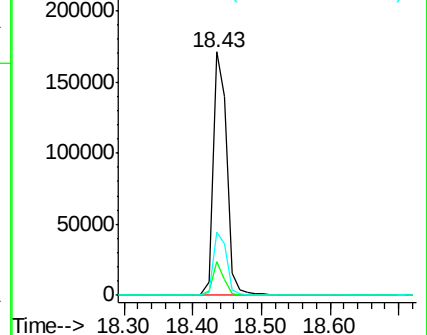
236 25.9 21.2 31.8



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: 84.87 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF087475.D

Acq: 28 May 2016 9:28

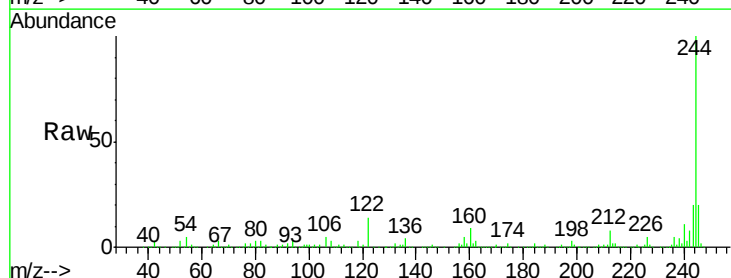
Tgt Ion:244 Resp: 949463

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

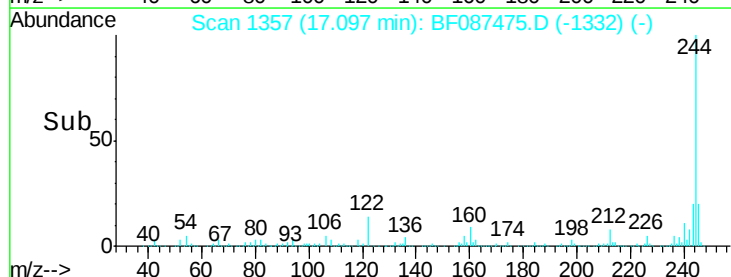
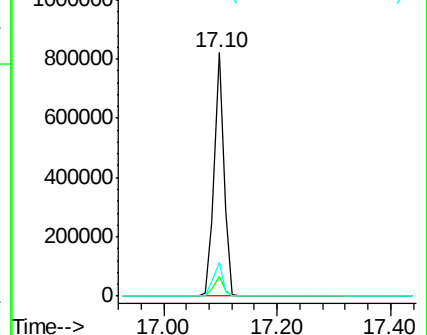
122 13.6 12.0 18.0

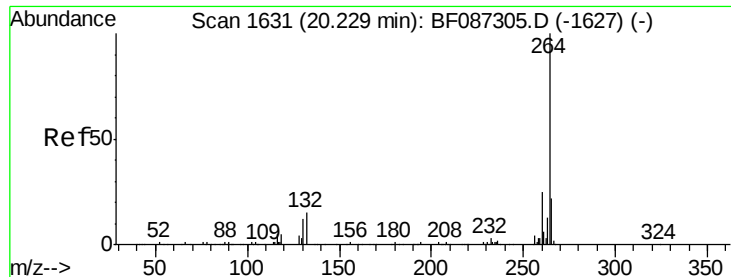


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.11 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BF087475.D
Acq: 28 May 2016 9:28

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.9	17.3	25.9

