

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087323.D
 Acq On : 24 May 2016 4:30
 Operator : UM/SJ
 Sample : H3214-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW104

Quant Time: May 24 05:59:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

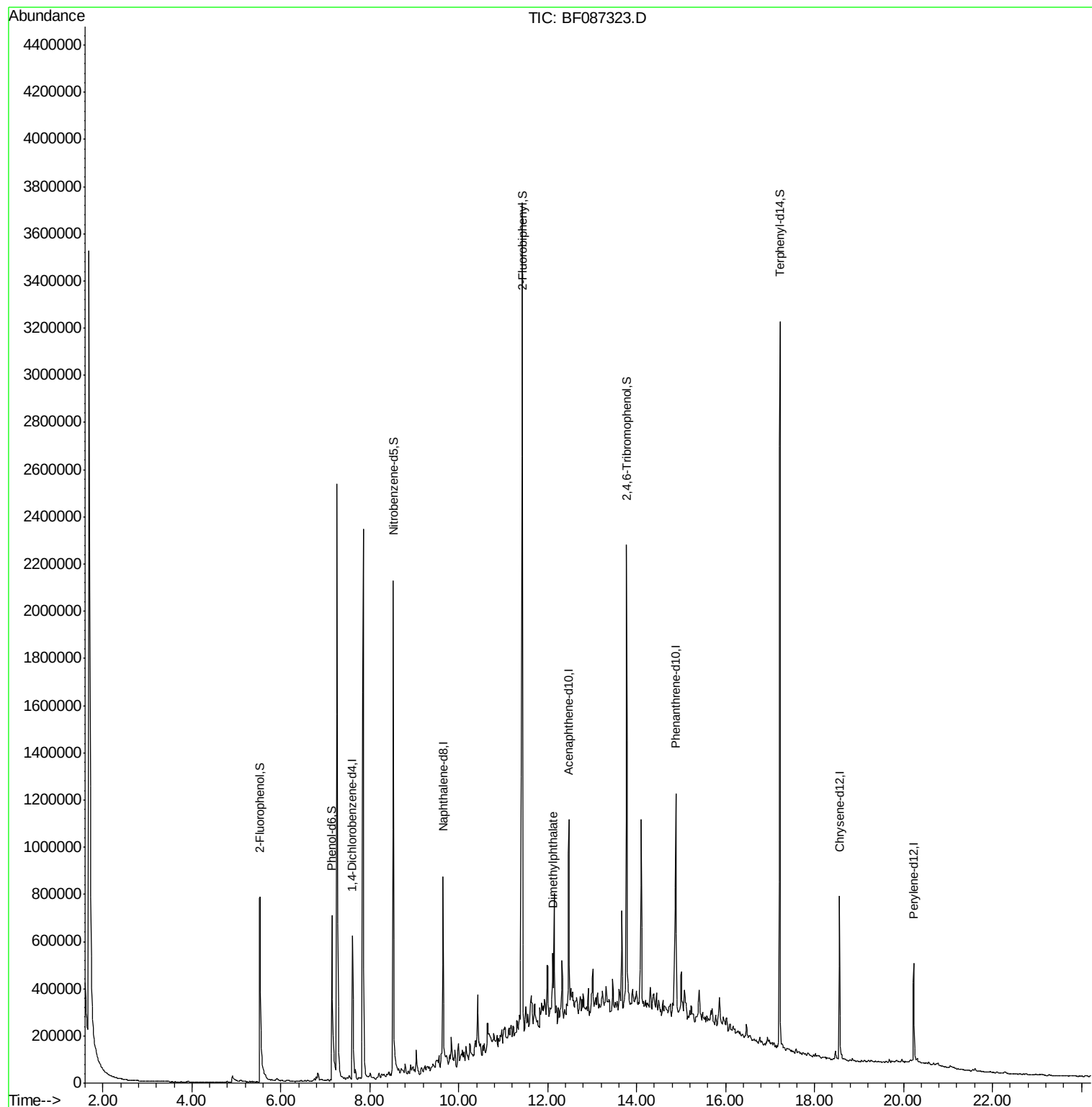
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	122309	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	504501	20.00	ng	0.00
38) Acenaphthene-d10	12.48	164	229556	20.00	ng	0.00
63) Phenanthrene-d10	14.88	188	412460	20.00	ng	0.00
75) Chrysene-d12	18.56	240	330780	20.00	ng	0.00
86) Perylene-d12	20.23	264	242546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	470317	67.57	ng	0.01
7) Phenol-d6	7.15	99	383681	40.79	ng	-0.01
23) Nitrobenzene-d5	8.52	82	921079	92.01	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	328144	148.75	ng	-0.01
44) 2-Fluorobiphenyl	11.43	172	1552456	95.34	ng	0.00
78) Terphenyl-d14	17.22	244	1407436	90.46	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.11	163	61448	3.34	ng	Qvalue # 95

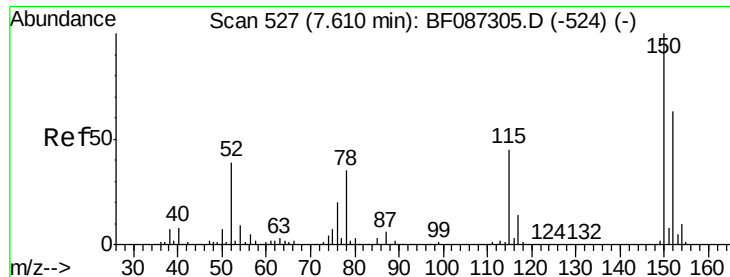
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF087323.D

Acq: 24 May 2016 4:30

Instrument :

BNA_F

ClientSampleId :

MW104

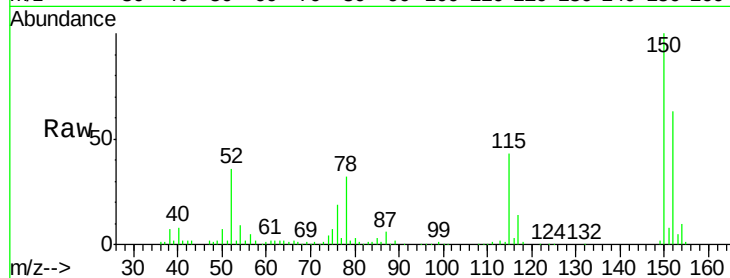
Tgt Ion:152 Resp: 122309

Ion Ratio Lower Upper

152 100

150 159.5 125.8 188.6

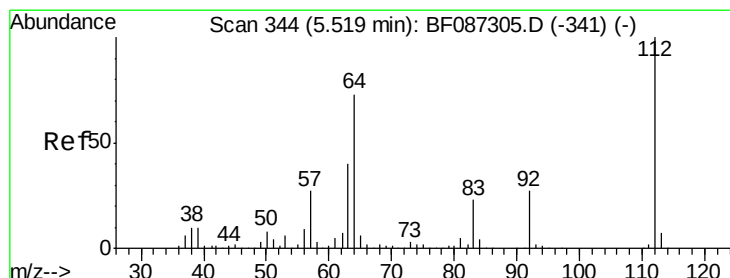
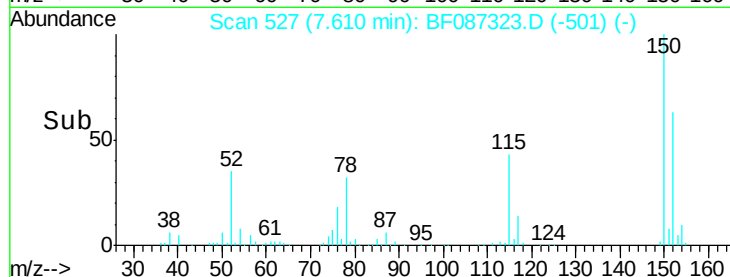
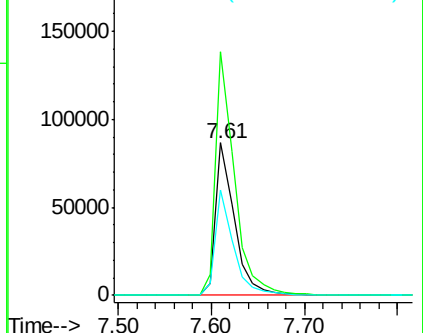
115 69.3 51.5 77.3



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: 67.57 ng

RT: 5.53 min Scan# 345

Delta R.T. 0.01 min

Lab File: BF087323.D

Acq: 24 May 2016 4:30

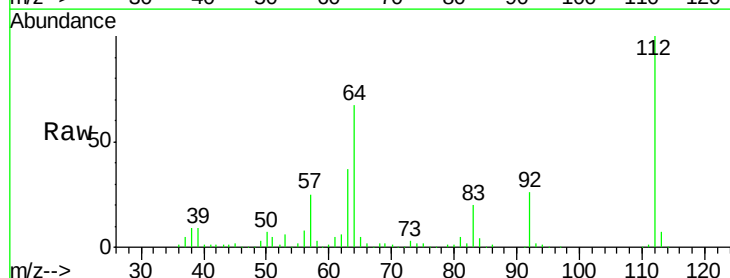
Tgt Ion:112 Resp: 470317

Ion Ratio Lower Upper

112 100

64 66.9 52.1 78.1

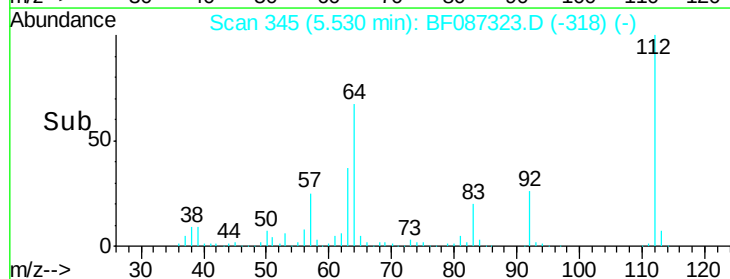
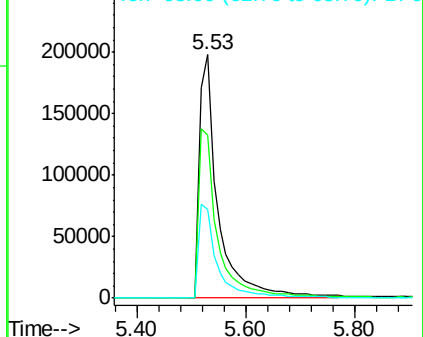
63 36.7 25.7 38.5

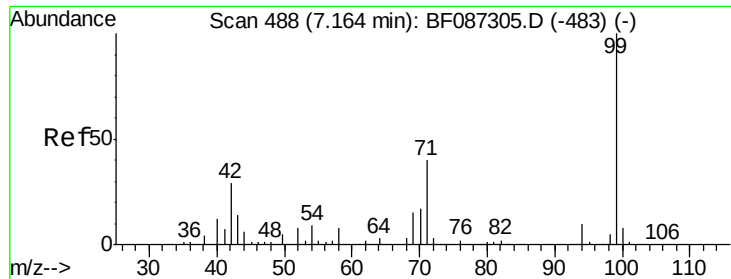


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.79 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087323.D

Acq: 24 May 2016 4:30

Instrument :

BNA_F

ClientSampleId :

MW104

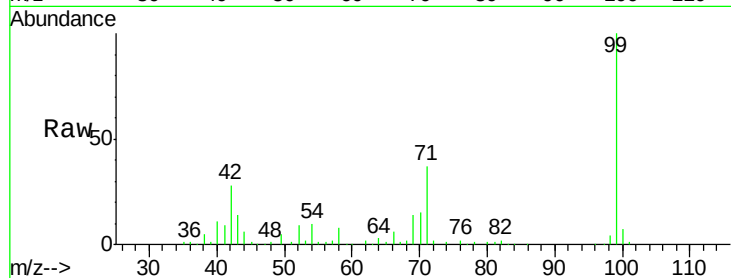
Tgt Ion: 99 Resp: 383681

Ion Ratio Lower Upper

99 100

42 27.6 13.6 20.4#

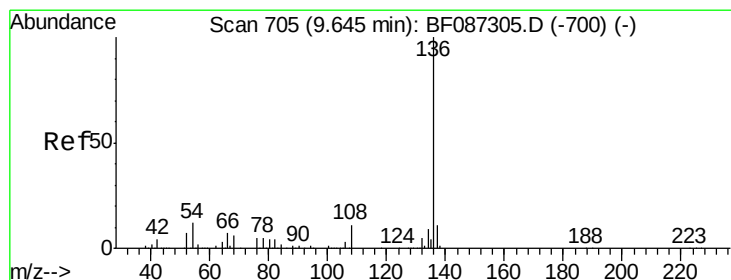
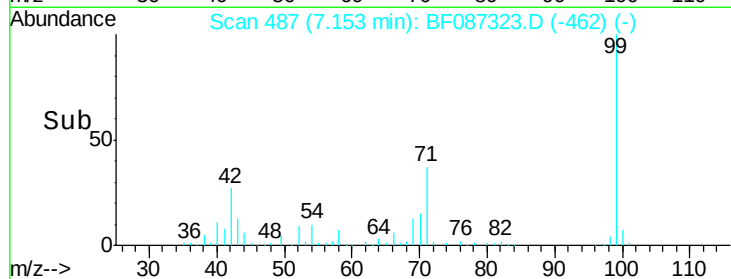
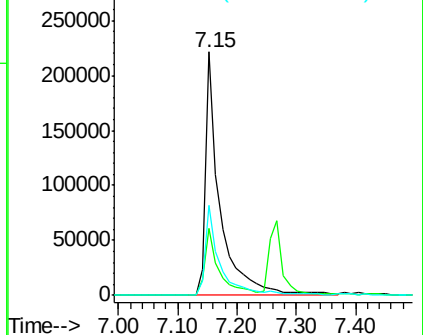
71 37.0 24.6 36.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF087323.D

Acq: 24 May 2016 4:30

Tgt Ion: 136 Resp: 504501

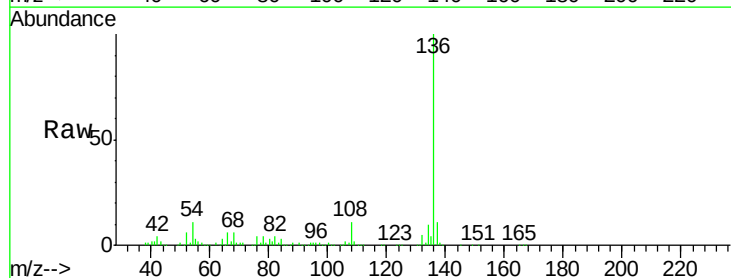
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.7 5.0 7.4#

68 5.8 4.4 6.6

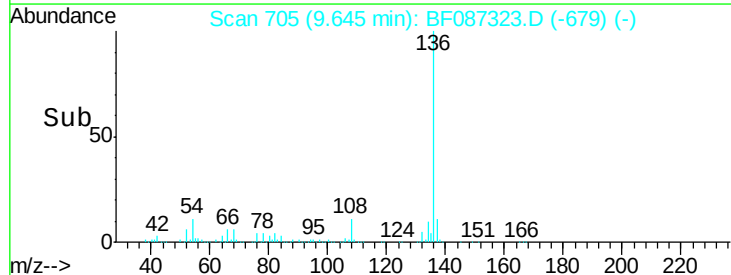
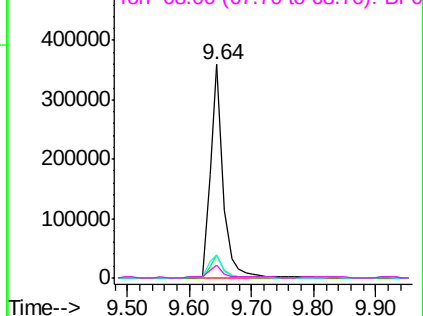


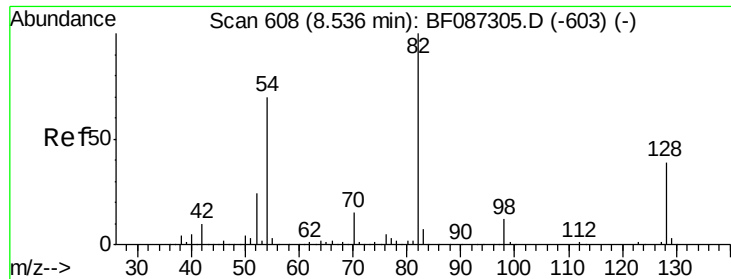
Abundance Ion 136.00 (135.70 to 136.70): E

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

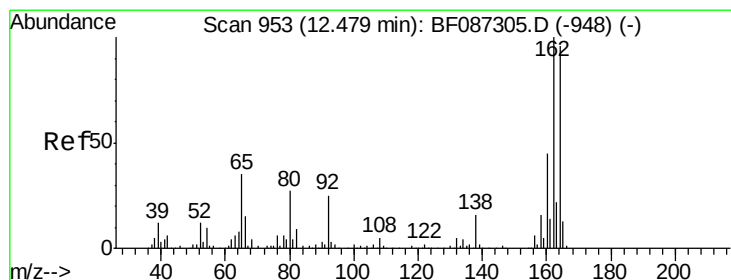
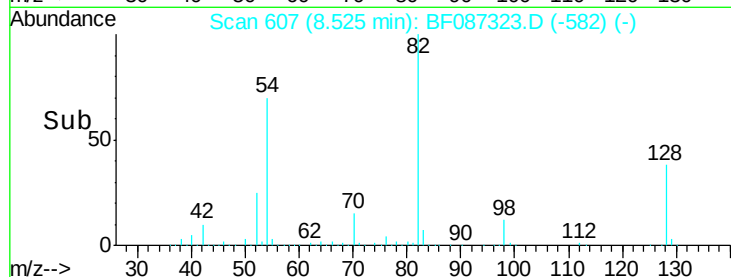
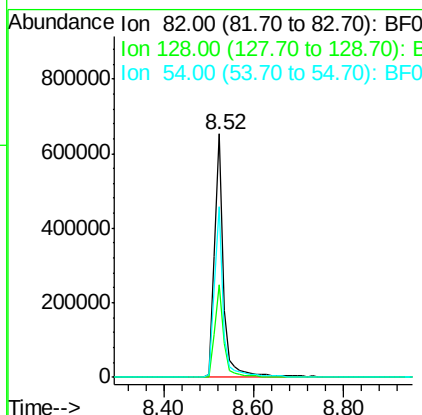
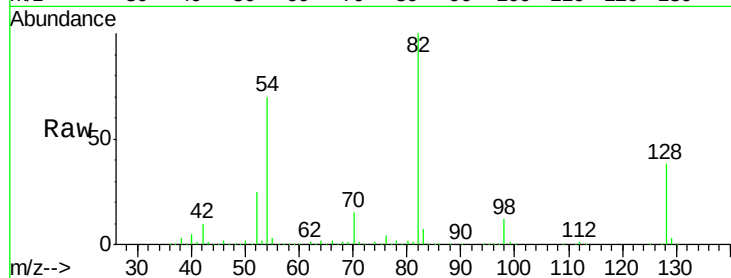




#23
 Nitrobenzene-d5
 Concen: 92.01 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF087323.D
 Acq: 24 May 2016 4:30

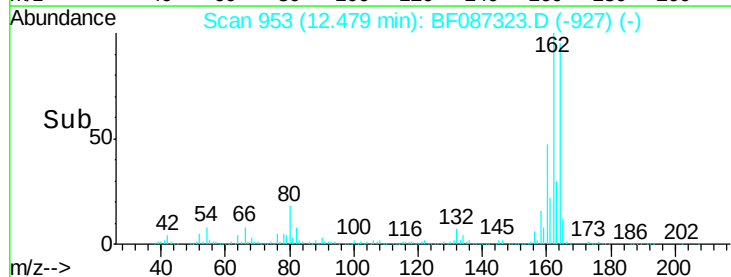
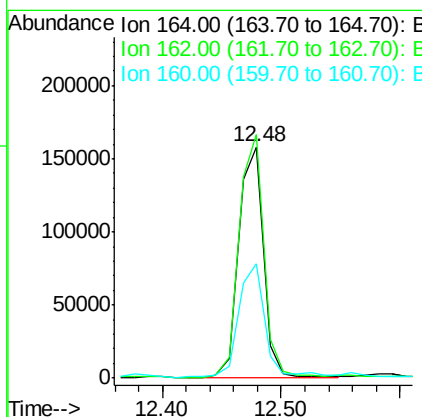
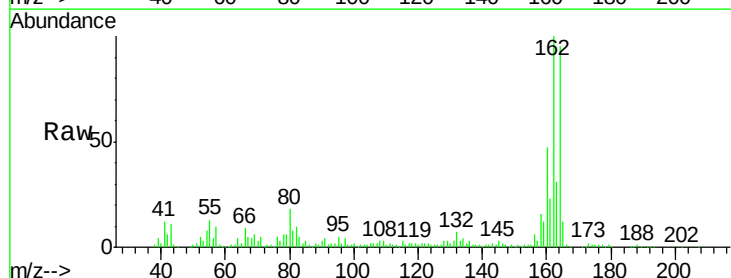
Instrument :
 BNA_F
 ClientSampleId :
 MW104

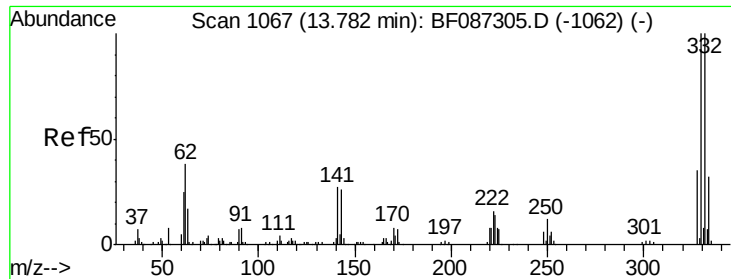
Tgt Ion: 82 Resp: 921079
 Ion Ratio Lower Upper
 82 100
 128 38.2 40.6 61.0#
 54 70.1 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.48 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF087323.D
 Acq: 24 May 2016 4:30

Tgt Ion: 164 Resp: 229556
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.8 124.2
 160 49.6 36.9 55.3

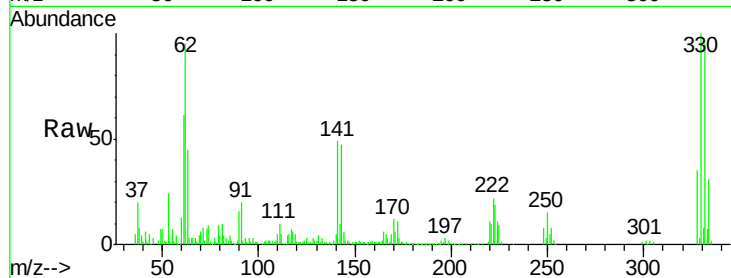




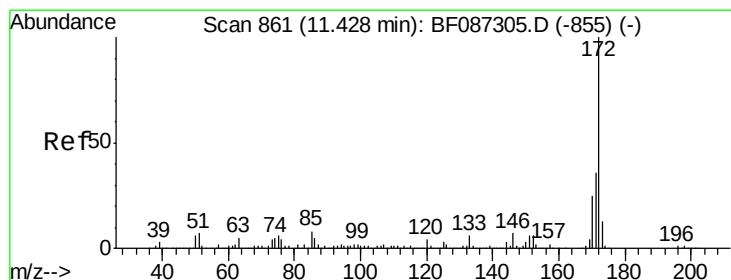
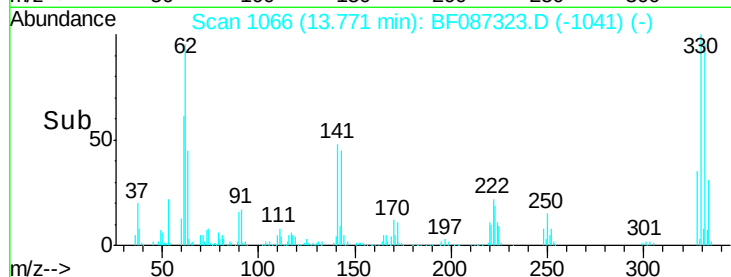
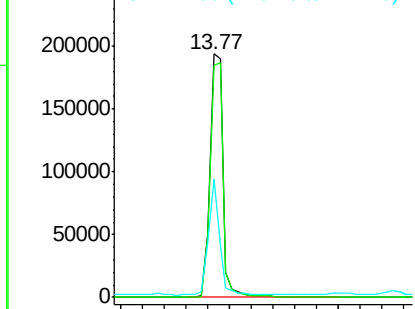
#41
 2,4,6-Tribromophenol
 Concen: 148.75 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087323.D
 Acq: 24 May 2016 4:30

Instrument :
 BNA_F
 ClientSampleId :
 MW104

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	40.5	31.2	46.8

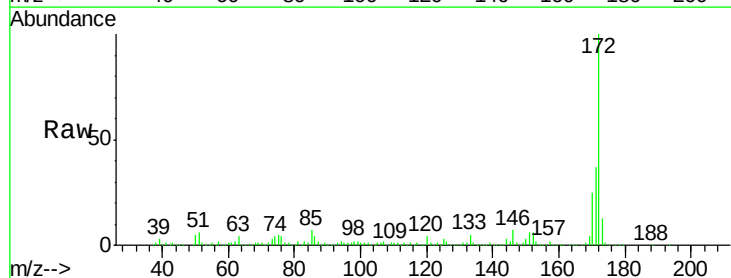


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

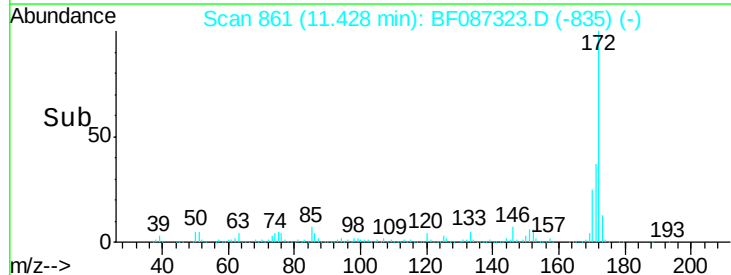
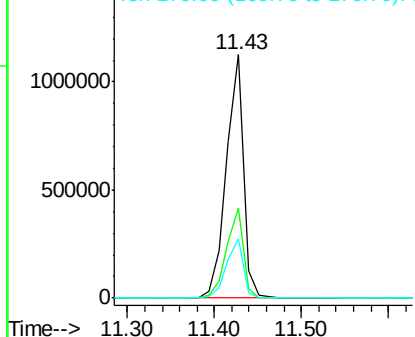


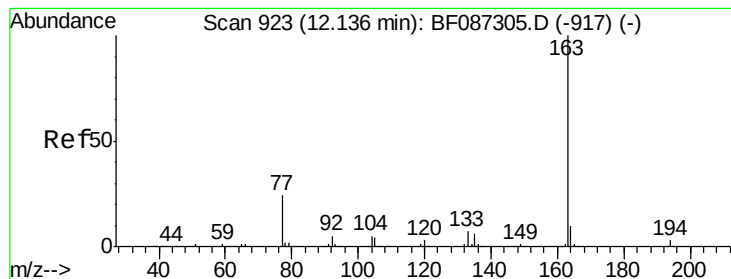
#44
 2-Fluorobiphenyl
 Concen: 95.34 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF087323.D
 Acq: 24 May 2016 4:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.0	43.6
170	24.5	19.8	29.8



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: 3.34 ng

RT: 12.11 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF087323.D

Acq: 24 May 2016 4:30

Instrument :

BNA_F

ClientSampleId :

MW104

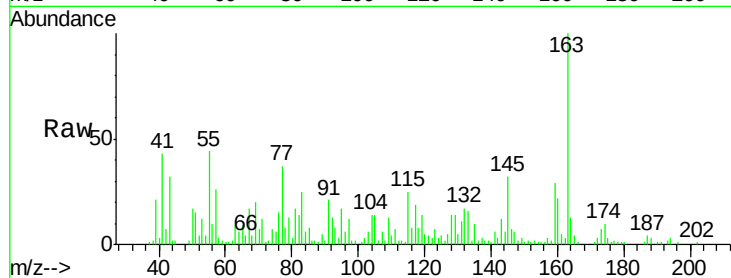
Tgt Ion:163 Resp: 61448

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

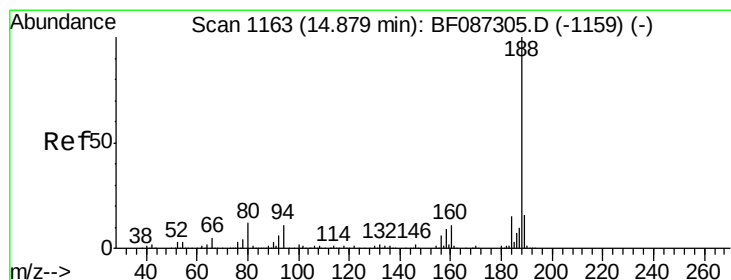
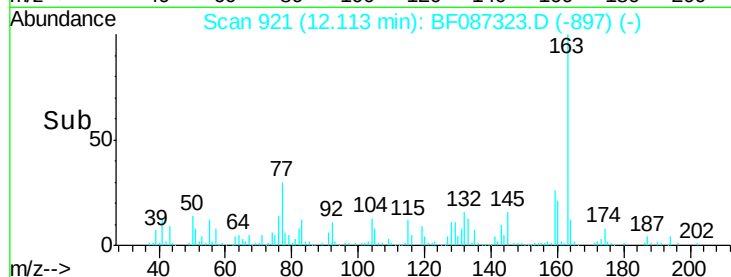
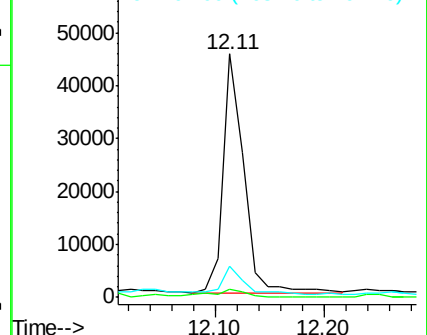
164 12.7 8.2 12.4#



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: 14.88 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF087323.D

Acq: 24 May 2016 4:30

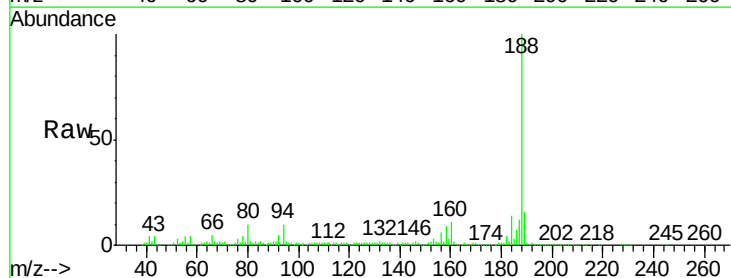
Tgt Ion:188 Resp: 412460

Ion Ratio Lower Upper

188 100

94 9.7 6.8 10.2

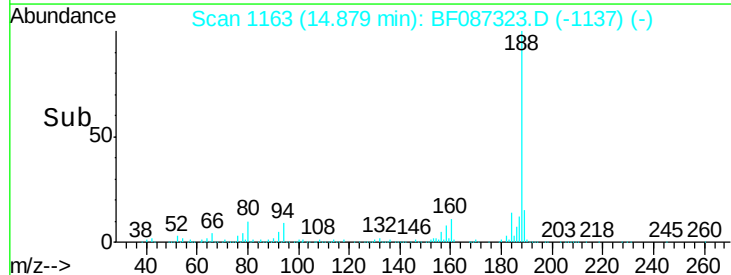
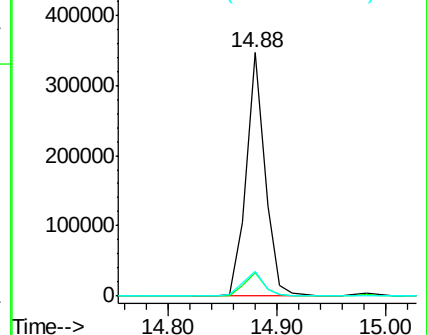
80 10.3 7.1 10.7

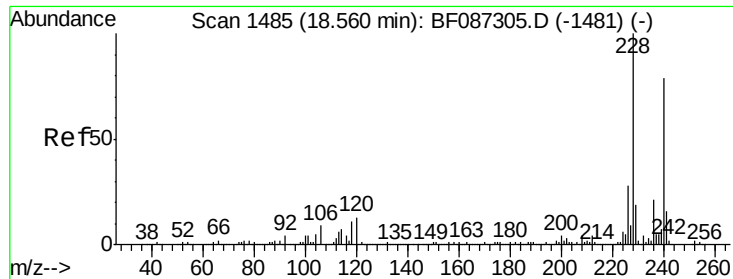


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.56 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BF087323.D

Acq: 24 May 2016 4:30

Instrument :

BNA_F

ClientSampleId :

MW104

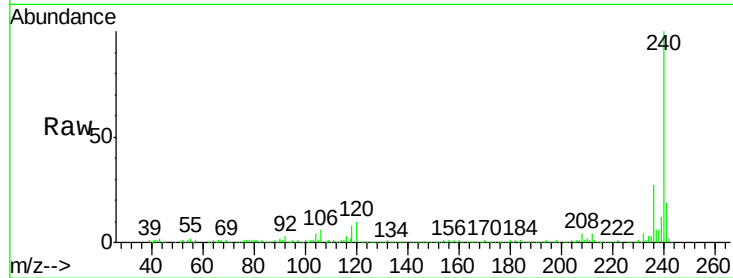
Tgt Ion:240 Resp: 330780

Ion Ratio Lower Upper

240 100

120 9.5 11.2 16.8#

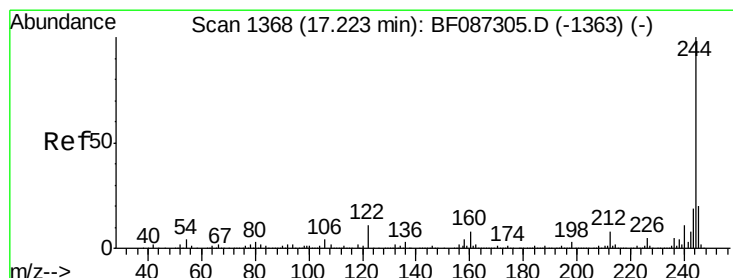
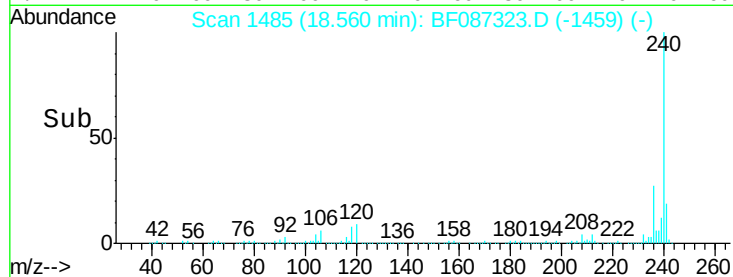
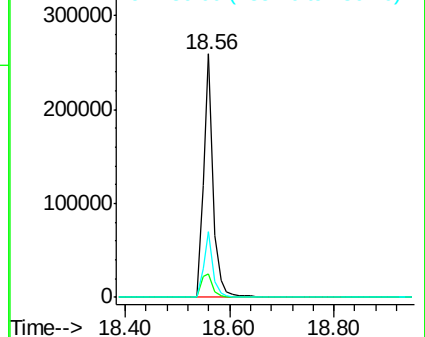
236 26.7 21.2 31.8



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: 90.46 ng

RT: 17.22 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BF087323.D

Acq: 24 May 2016 4:30

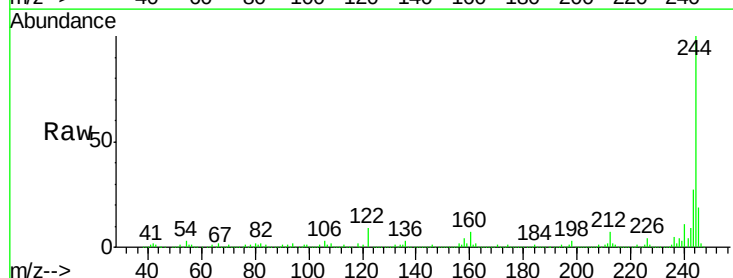
Tgt Ion:244 Resp: 1407436

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

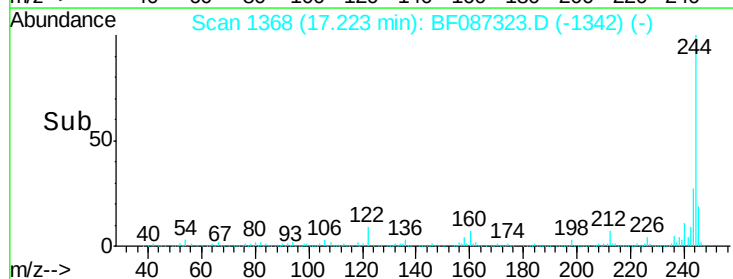
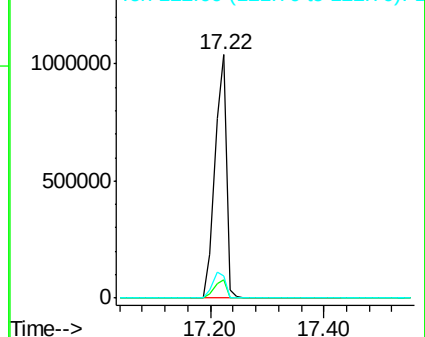
122 9.0 12.0 18.0#

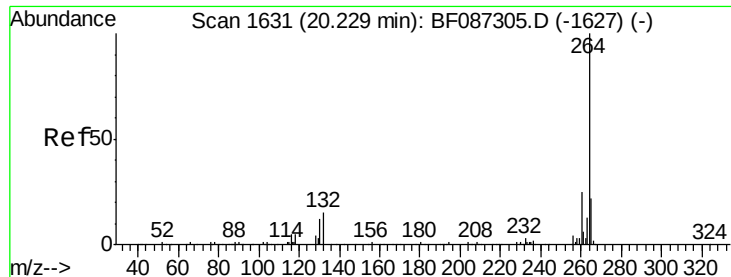


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.23 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BF087323.D
Acq: 24 May 2016 4:30

Instrument :
BNA_F
ClientSampleId :
MW104

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	20.4	17.3	25.9

