

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
 Data File : BF087634.D
 Acq On : 2 Jun 2016 00:54
 Operator : UM/SJ
 Sample : H3349-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-25

Quant Time: Jun 02 13:46:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 02:13:57 2016
 Response via : Initial Calibration

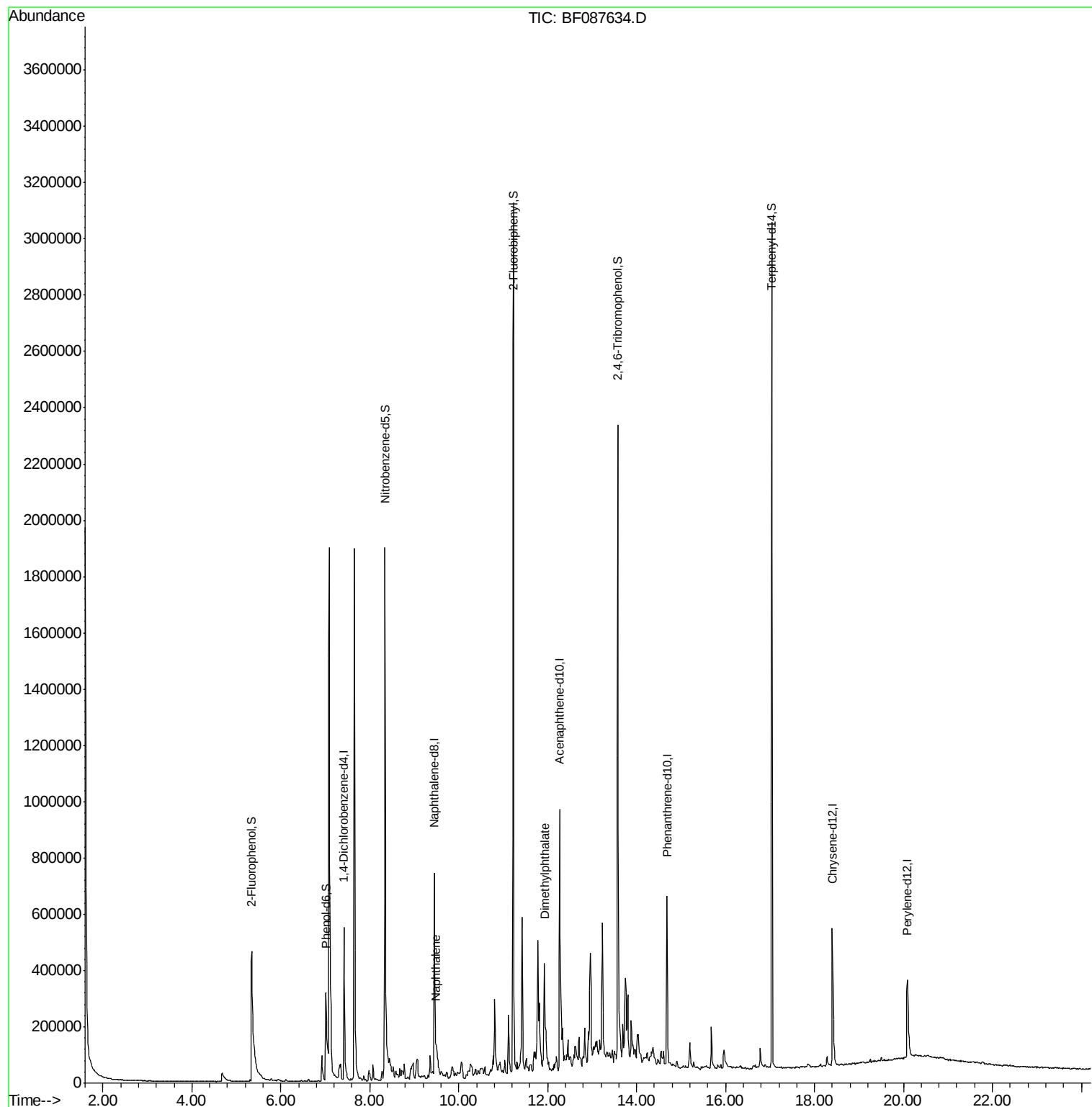
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	118318	20.00	ng	0.00
21) Naphthalene-d8	9.45	136	466909	20.00	ng	-0.01
38) Acenaphthene-d10	12.27	164	219616	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	390952	20.00	ng	0.00
75) Chrysene-d12	18.40	240	273773	20.00	ng	0.00
86) Perylene-d12	20.09	264	211376	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	398237	59.14	ng	0.03
7) Phenol-d6	7.02	99	336909	37.03	ng	0.01
23) Nitrobenzene-d5	8.34	82	909052	98.12	ng	-0.02
41) 2,4,6-Tribromophenol	13.58	330	314900	149.21	ng	-0.01
44) 2-Fluorobiphenyl	11.23	172	1484063	95.27	ng	0.00
78) Terphenyl-d14	17.04	244	1268379	98.50	ng	-0.01
Target Compounds						
31) Naphthalene	9.50	128	53507	2.29	ng	Qvalue # 95
49) Dimethylphthalate	11.93	163	140609	7.99	ng	100

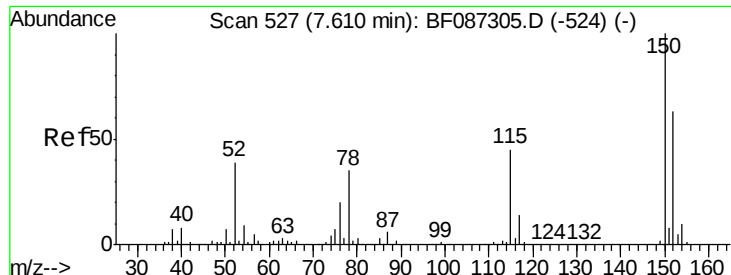
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF087634.D

Acq: 2 Jun 2016 00:54

Instrument :

BNA_F

ClientSampleId :

W-25

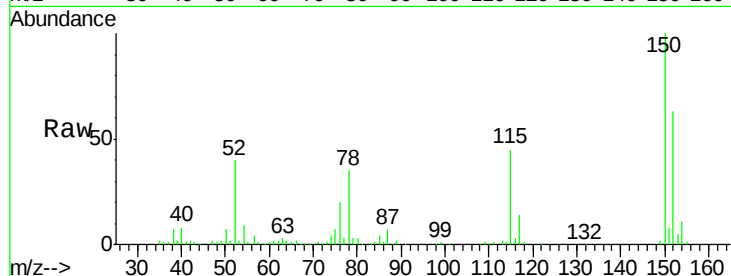
Tot Ion:152 Resp: 118318

Ion Ratio Lower Upper

152 100

150 160.0 125.8 188.6

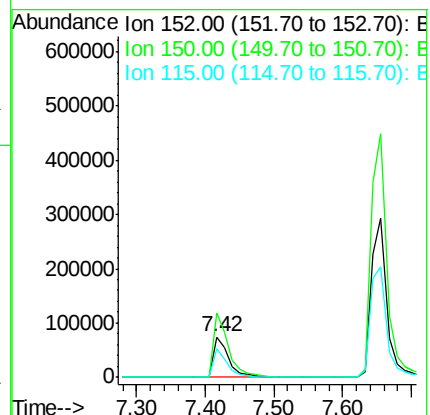
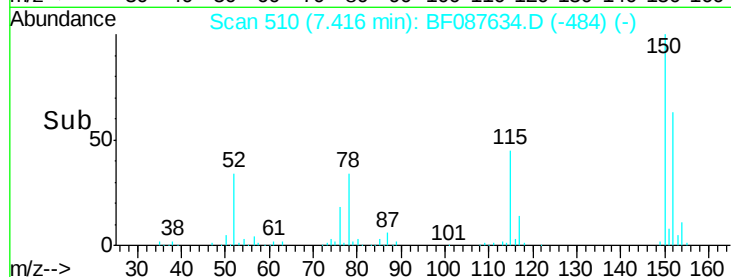
115 72.4 51.5 77.3



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: 59.14 ng

RT: 5.35 min Scan# 329

Delta R.T. 0.03 min

Lab File: BF087634.D

Acq: 2 Jun 2016 00:54

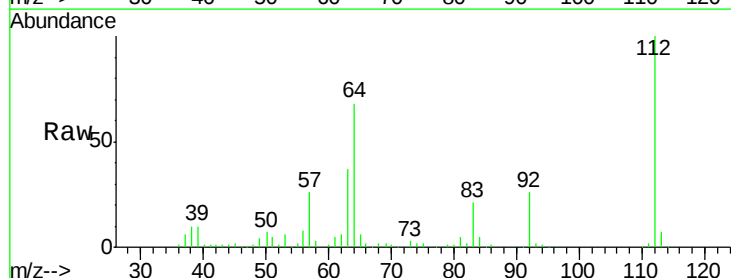
Tgt Ion:112 Resp: 398237

Ion Ratio Lower Upper

112 100

64 68.4 52.1 78.1

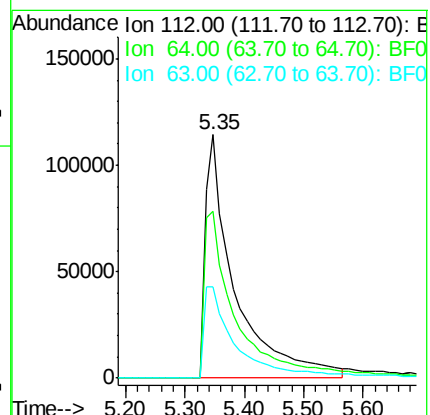
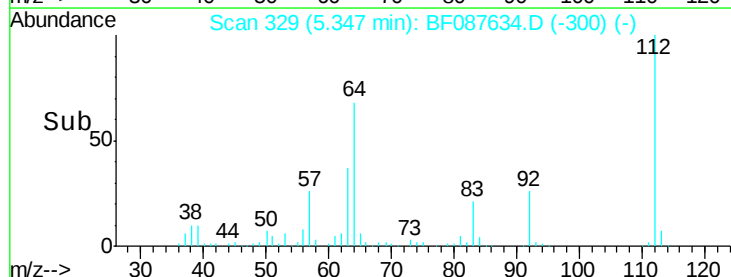
63 37.4 25.7 38.5



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: 37.03 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.01 min

Lab File: BF087634.D

Acq: 2 Jun 2016 00:54

Instrument :

BNA_F

ClientSampleId :

W-25

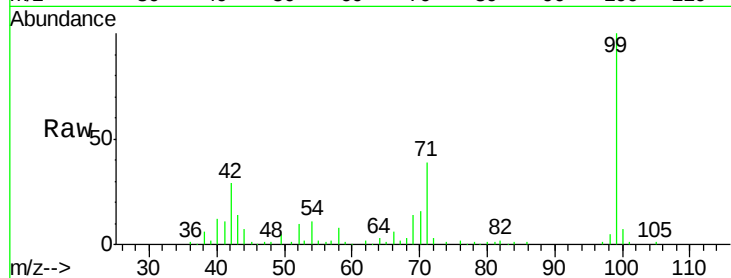
Tot Ion: 99 Resp: 336909

Ion Ratio Lower Upper

99 100

42 28.7 13.6 20.4#

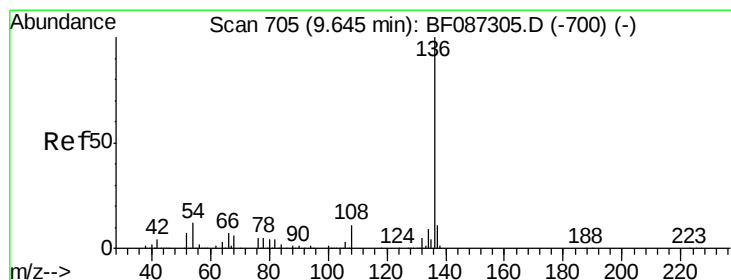
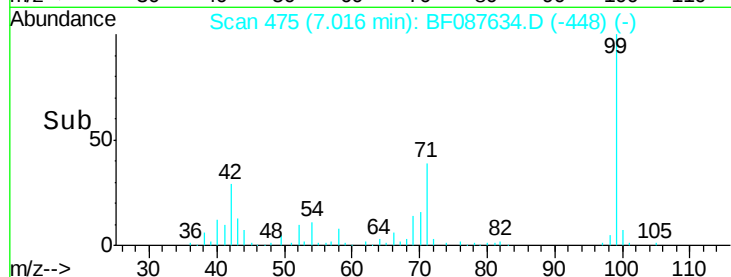
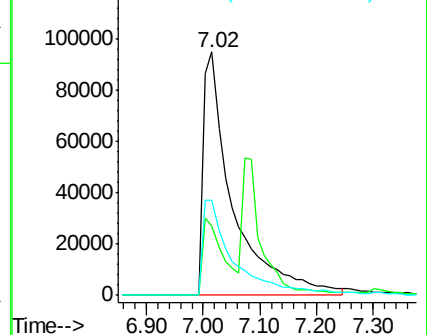
71 39.2 24.6 36.8#



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: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF087634.D

Acq: 2 Jun 2016 00:54

Tgt Ion: 136 Resp: 466909

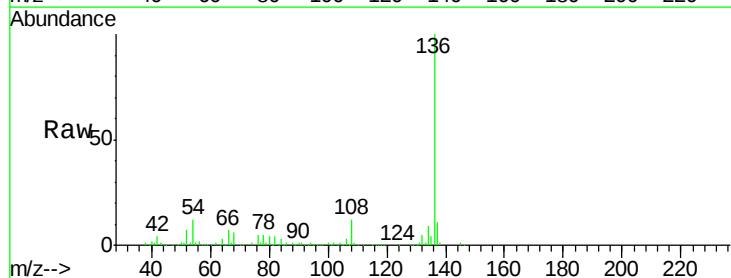
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 11.5 5.0 7.4#

68 5.5 4.4 6.6

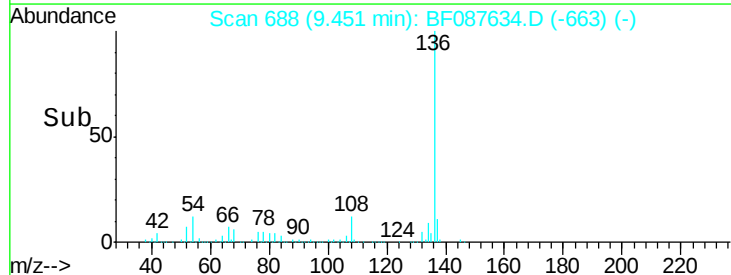
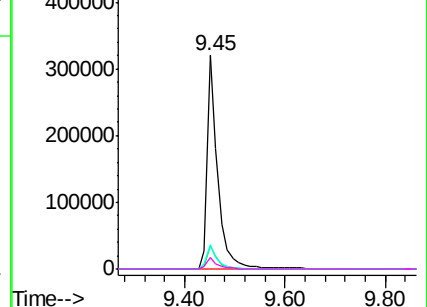


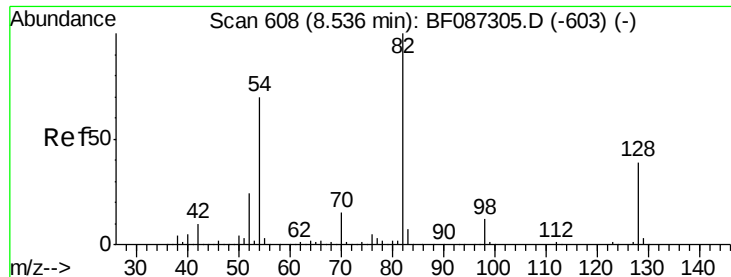
Abundance Ion 136.00 (135.70 to 136.70): E

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

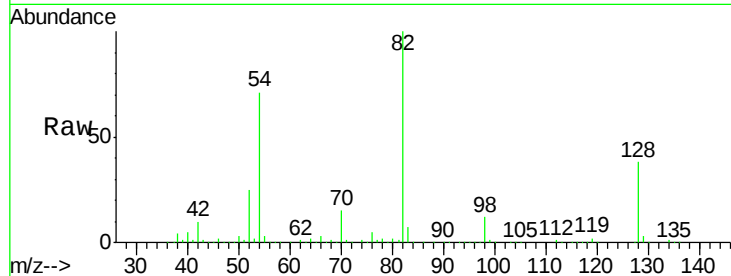




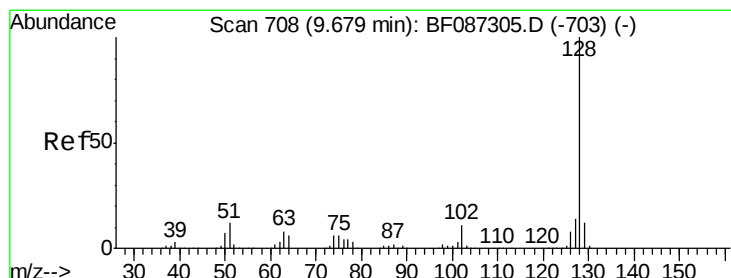
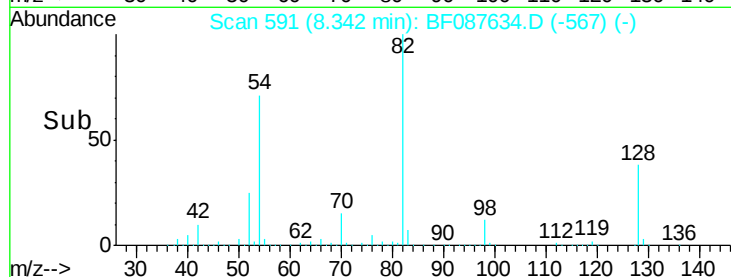
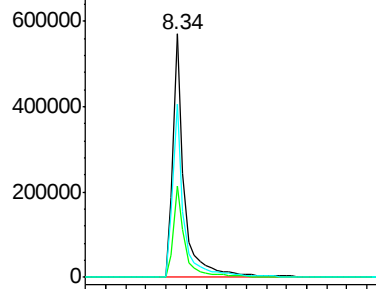
#23
Nitrobenzene-d5
Concen: 98.12 ng
RT: 8.34 min Scan# 591
Delta R.T. -0.02 min
Lab File: BF087634.D
Acq: 2 Jun 2016 00:54

Instrument :
BNA_F
ClientSampleId :
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Tot Ion: 82 Resp: 909052
Ion Ratio Lower Upper
82 100
128 37.6 40.6 61.0#
54 70.9 38.1 57.1#

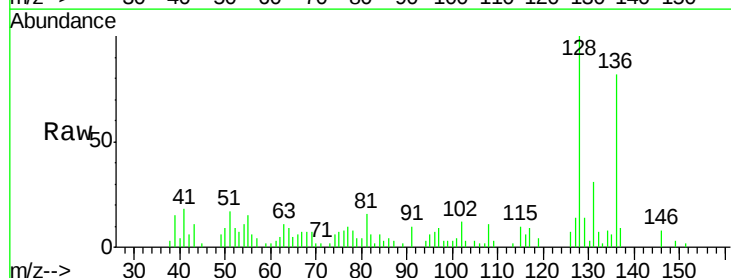


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

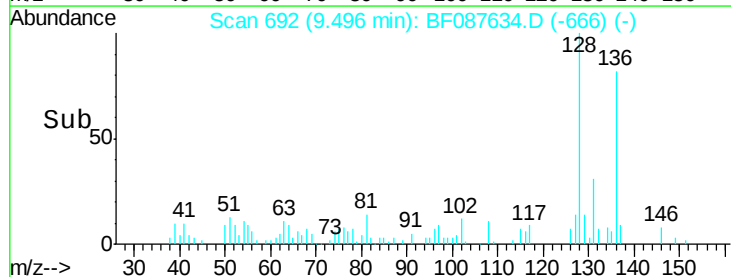
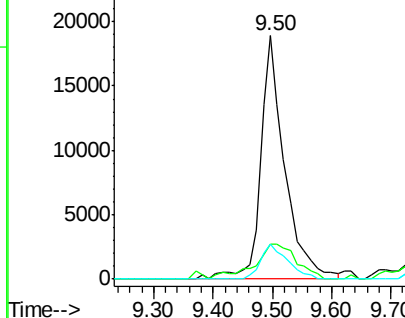


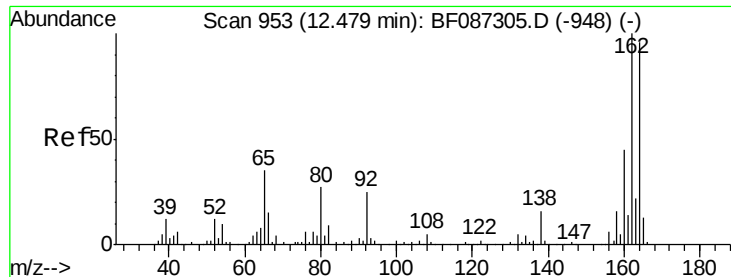
#31
Naphthalene
Concen: 2.29 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF087634.D
Acq: 2 Jun 2016 00:54

Tgt Ion: 128 Resp: 53507
Ion Ratio Lower Upper
128 100
129 14.4 8.6 13.0#
127 14.4 10.8 16.2



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF087634.D

Acq: 2 Jun 2016 00:54

Instrument :

BNA_F

ClientSampleId :

W-25

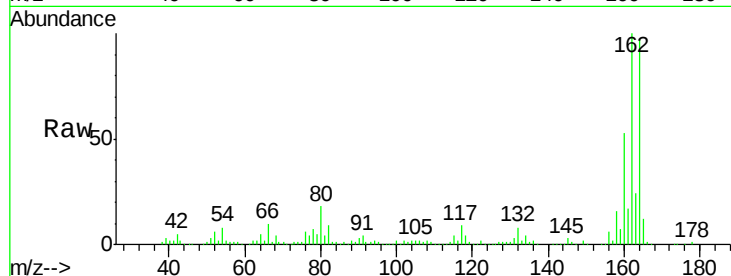
Tot Ion:164 Resp: 219616

Ion Ratio Lower Upper

164 100

162 103.4 82.8 124.2

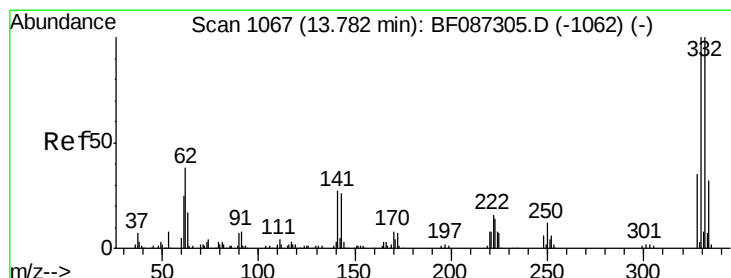
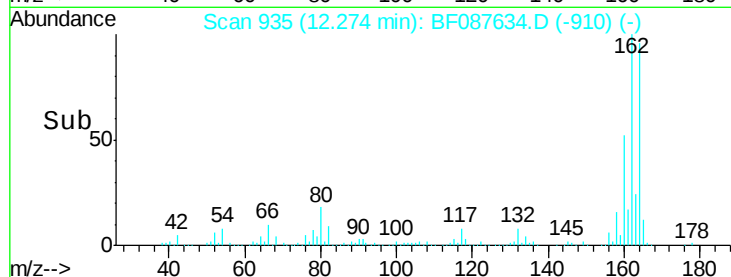
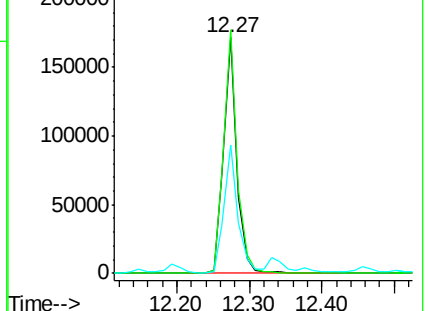
160 54.4 36.9 55.3



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: 149.21 ng

RT: 13.58 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF087634.D

Acq: 2 Jun 2016 00:54

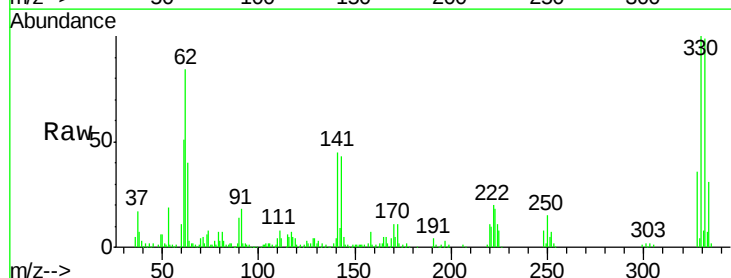
Tgt Ion:330 Resp: 314900

Ion Ratio Lower Upper

330 100

332 97.1 79.0 118.4

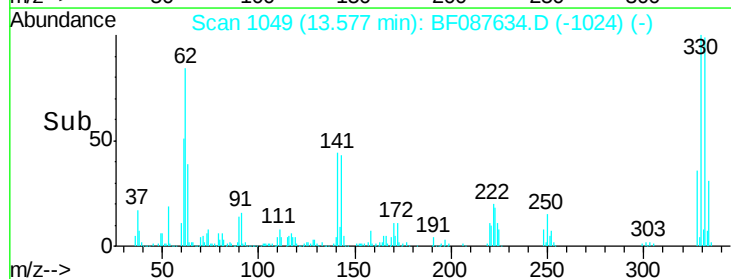
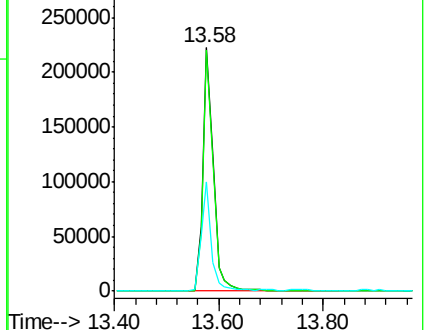
141 42.3 31.2 46.8

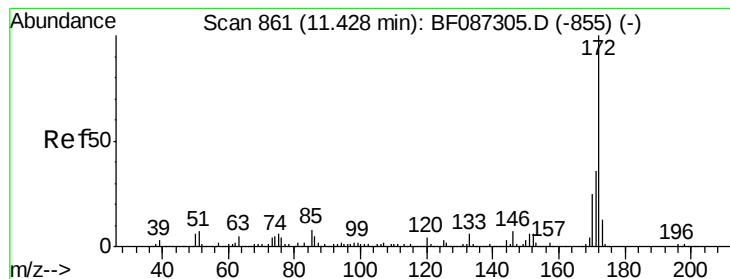


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

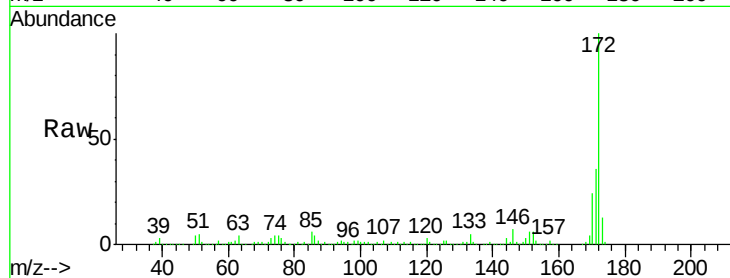




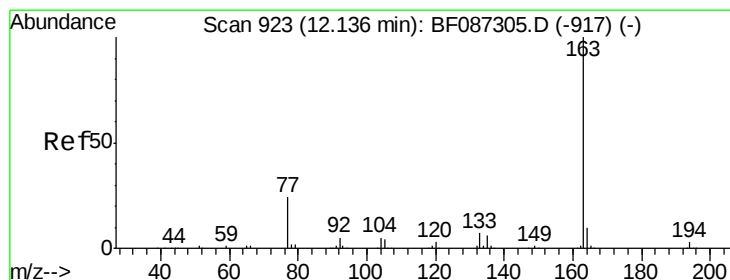
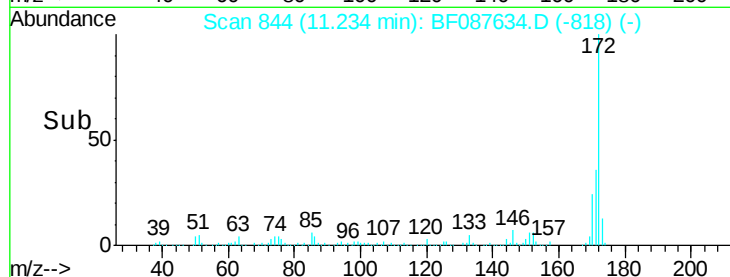
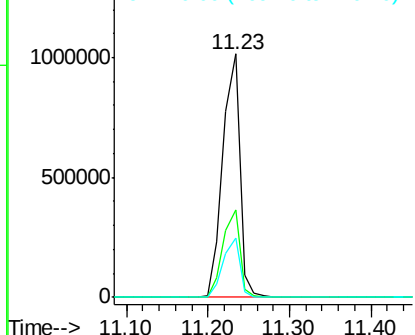
#44
2-Fluorobiphenyl
Concen: 95.27 ng
RT: 11.23 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF087634.D
Acq: 2 Jun 2016 00:54

Instrument :
BNA_F
ClientSampleId :
W-25

Tot Ion:172 Resp: 1484063
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 24.1 19.8 29.8

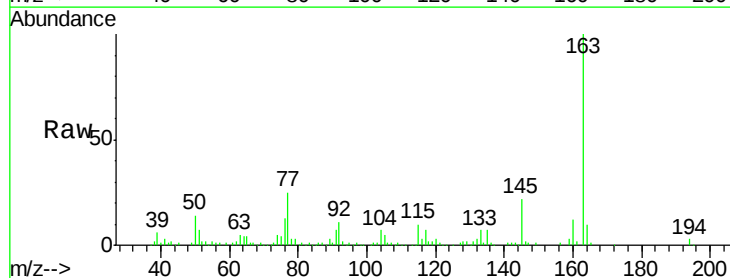


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

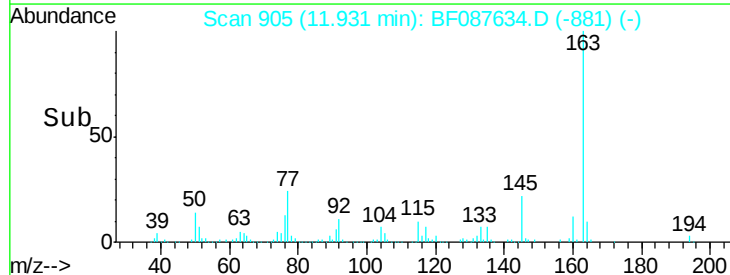
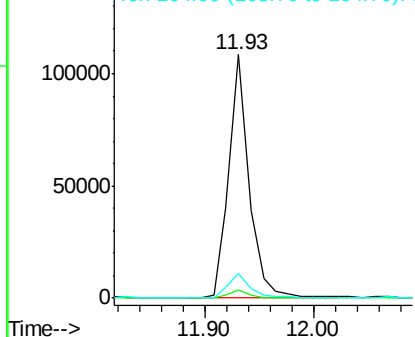


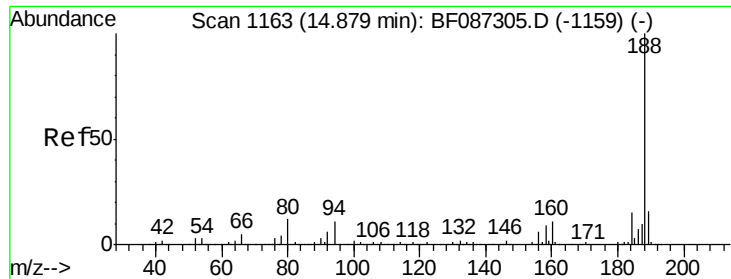
#49
Dimethylphthalate
Concen: 7.99 ng
RT: 11.93 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF087634.D
Acq: 2 Jun 2016 00:54

Tgt Ion:163 Resp: 140609
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 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

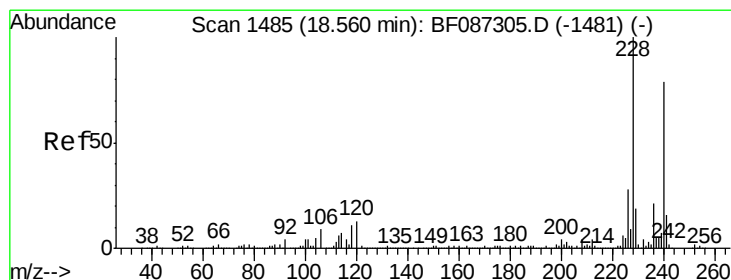
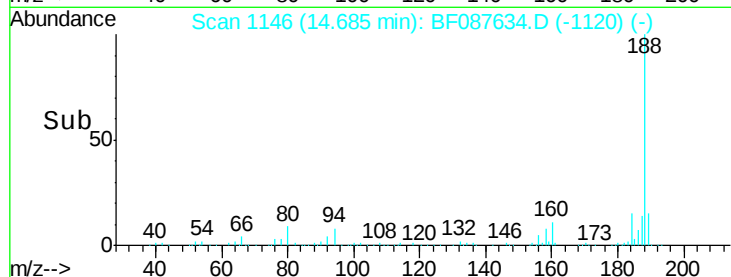
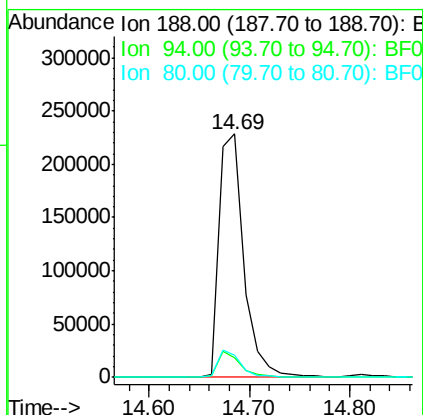
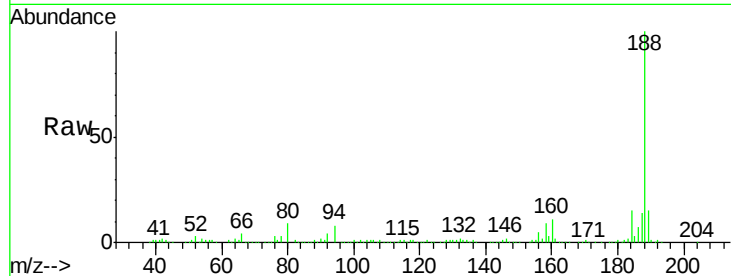




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF087634.D
Acq: 2 Jun 2016 00:54

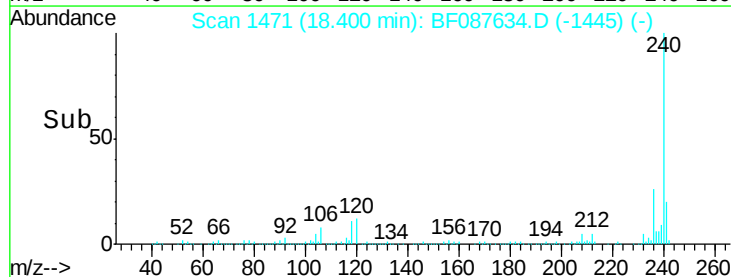
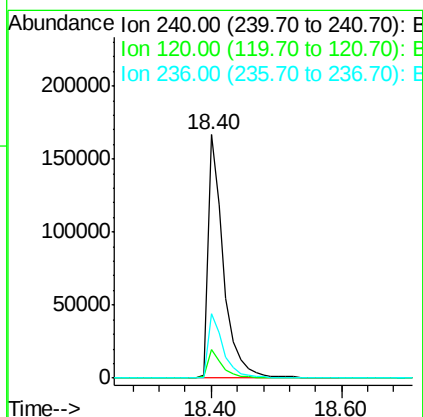
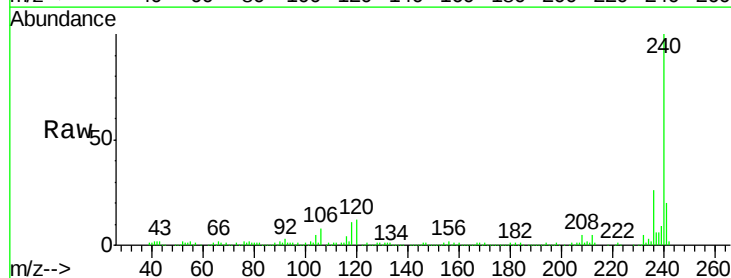
Instrument :
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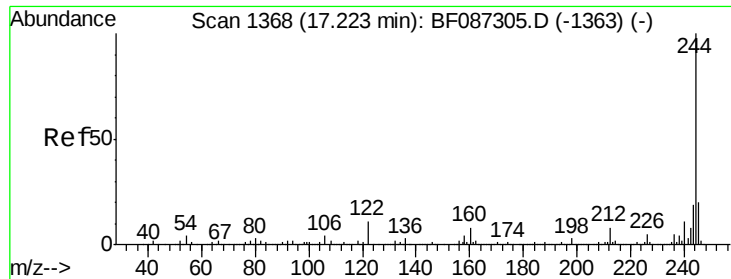
Tot Ion:188 Resp: 390952
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.9 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.40 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BF087634.D
Acq: 2 Jun 2016 00:54

Tgt Ion:240 Resp: 273773
Ion Ratio Lower Upper
240 100
120 11.8 11.2 16.8
236 26.4 21.2 31.8

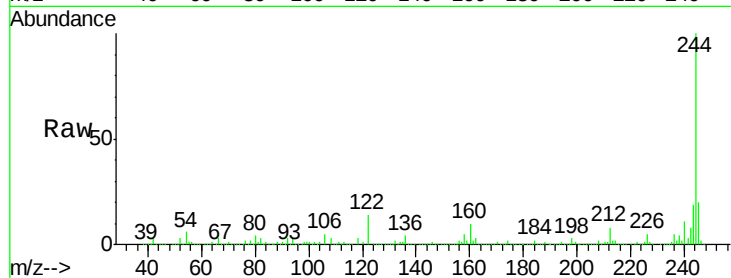




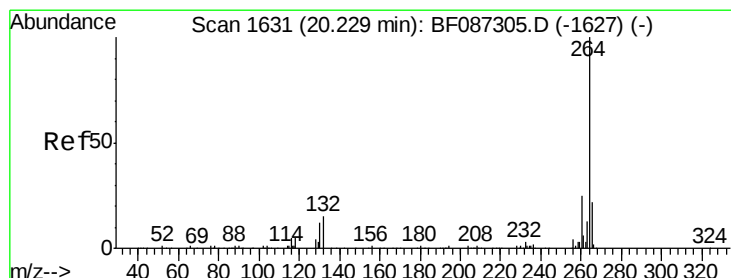
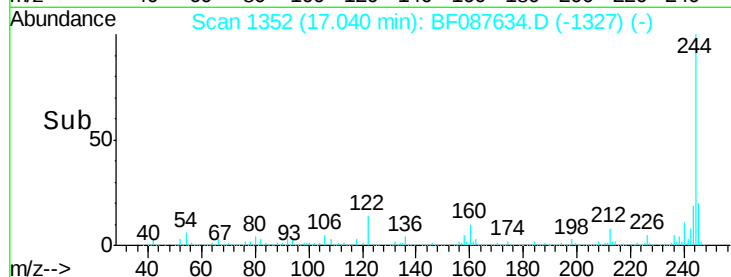
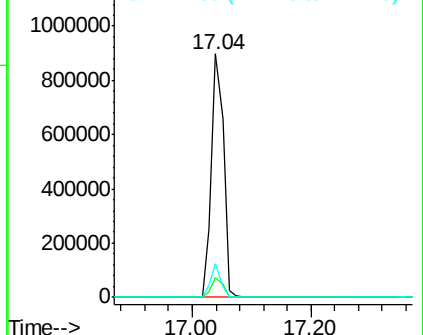
#78
 Terphenyl-d14
 Concen: 98.50 ng
 RT: 17.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF087634.D
 Acq: 2 Jun 2016 00:54

Instrument :
 BNA_F
 ClientSampleId :
 W-25

Tot Ion:244 Resp: 1268379
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.2 9.2
 122 14.1 12.0 18.0

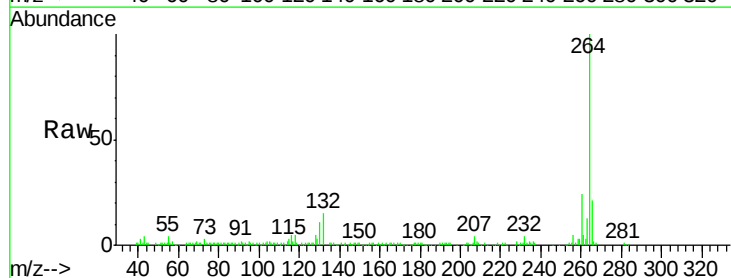


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.09 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF087634.D
 Acq: 2 Jun 2016 00:54

Tgt Ion:264 Resp: 211376
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 20.8 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

