

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060116\
 Data File : BF087630.D
 Acq On : 1 Jun 2016 22:36
 Operator : UM/SJ
 Sample : H3349-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-30

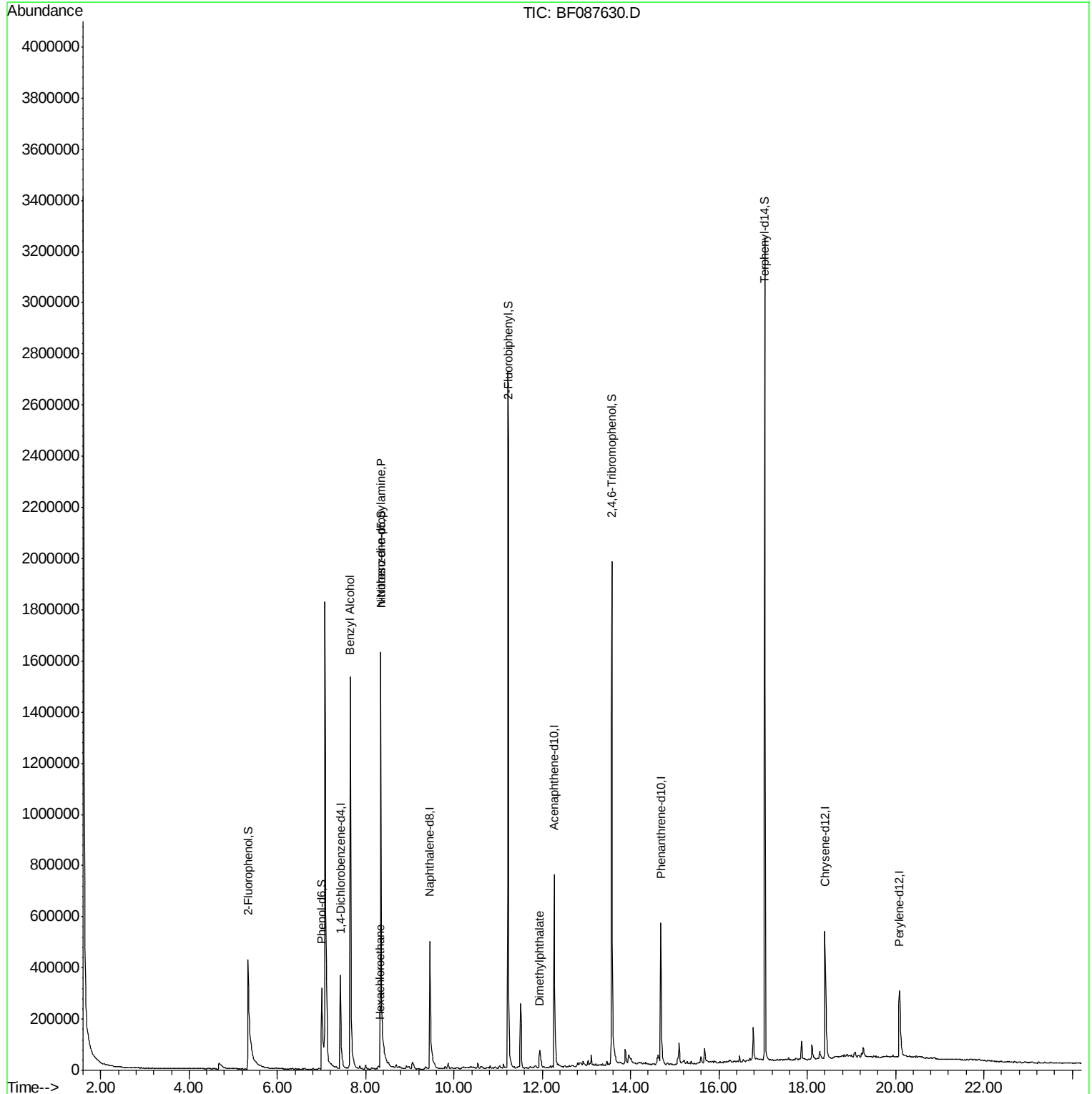
Quant Time: Jun 02 02:04:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

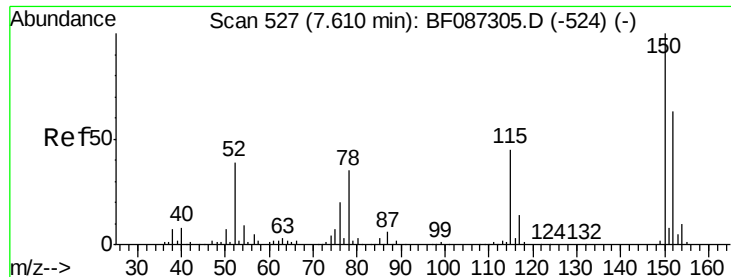
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	109460	20.00	ng	-0.09
21) Naphthalene-d8	9.45	136	446553	20.00	ng	-0.10
38) Acenaphthene-d10	12.27	164	204163	20.00	ng	-0.11
63) Phenanthrene-d10	14.69	188	387384	20.00	ng	-0.09
75) Chrysene-d12	18.40	240	300964	20.00	ng	-0.08
86) Perylene-d12	20.09	264	207248	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	351493	56.43	ng	-0.08
7) Phenol-d6	7.00	99	307160	36.49	ng	-0.07
23) Nitrobenzene-d5	8.34	82	805531	90.91	ng	-0.10
41) 2,4,6-Tribromophenol	13.58	330	317595	161.88	ng	-0.10
44) 2-Fluorobiphenyl	11.23	172	1383419	95.53	ng	-0.10
78) Terphenyl-d14	17.04	244	1266065	89.43	ng	-0.09
Target Compounds						
15) Benzyl Alcohol	7.64	79	13382	2.18	ng	# 43
18) Hexachloroethane	8.32	117	13428	4.14	ng	# 6
19) n-Nitroso-di-n-propylamine	8.34	70	101262	16.13	ng	# 76
49) Dimethylphthalate	11.94	163	43293	2.65	ng	100

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

```
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
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QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.09 min

Lab File: BF087630.D

Acq: 1 Jun 2016 22:36

Instrument :

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ClientSampleId :

W-30

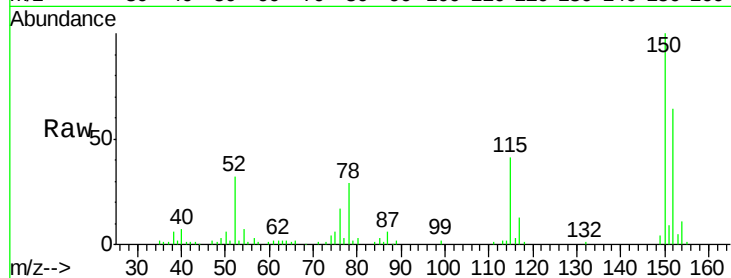
Tgt Ion:152 Resp: 109460

Ion Ratio Lower Upper

152 100

150 156.9 125.8 188.6

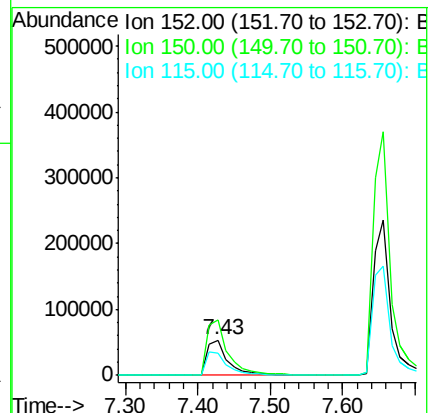
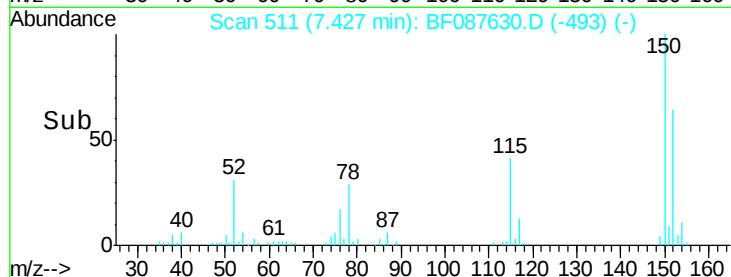
115 64.4 51.5 77.3



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: 56.43 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.08 min

Lab File: BF087630.D

Acq: 1 Jun 2016 22:36

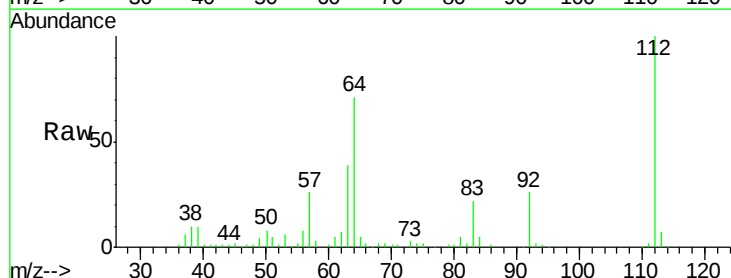
Tgt Ion:112 Resp: 351493

Ion Ratio Lower Upper

112 100

64 71.0 52.1 78.1

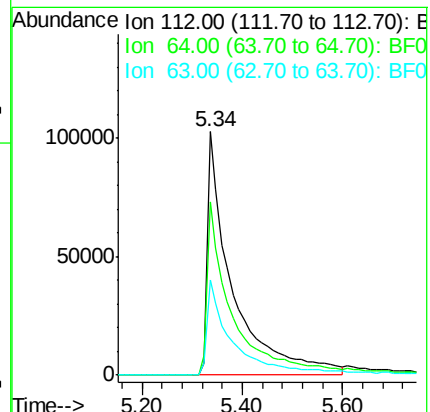
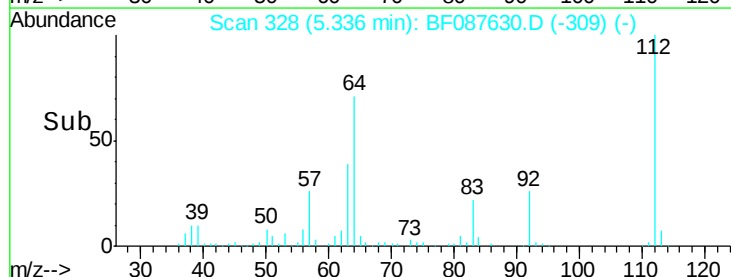
63 39.2 25.7 38.5#



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: 36.49 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.07 min

Lab File: BF087630.D

Acq: 1 Jun 2016 22:36

Instrument :

BNA_F

ClientSampleId :

W-30

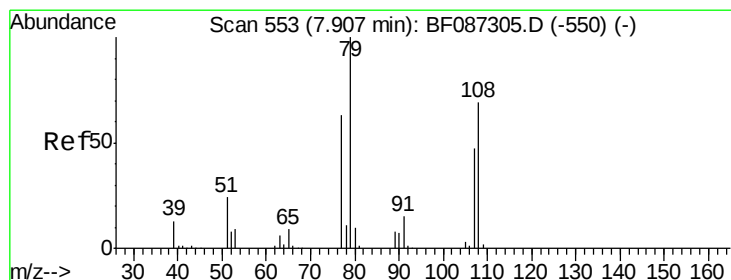
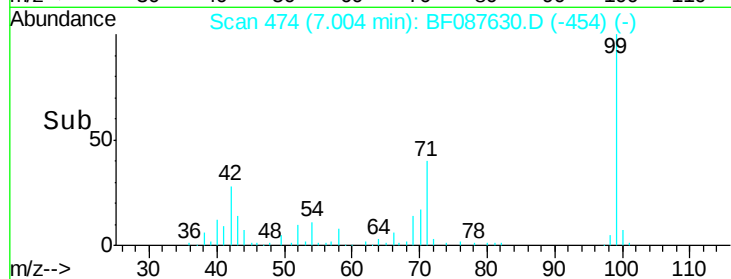
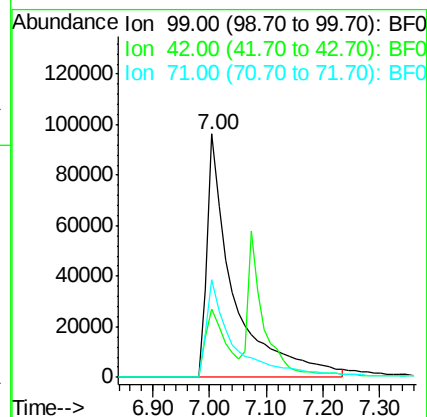
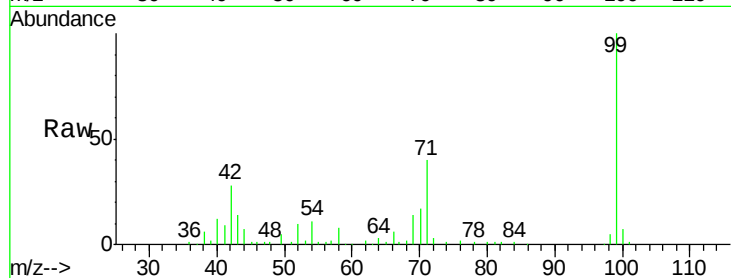
Tgt Ion: 99 Resp: 307160

Ion Ratio Lower Upper

99 100

42 28.2 13.6 20.4#

71 40.3 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.18 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.17 min

Lab File: BF087630.D

Acq: 1 Jun 2016 22:36

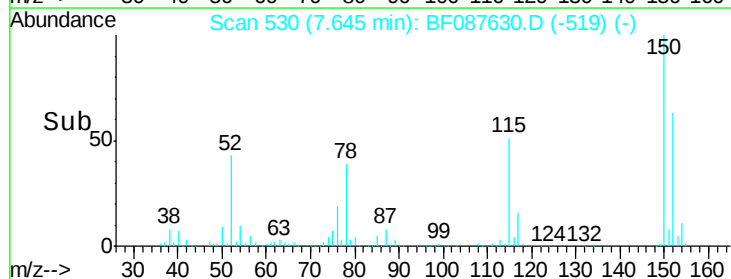
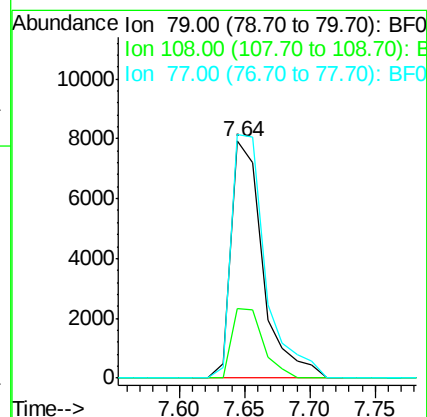
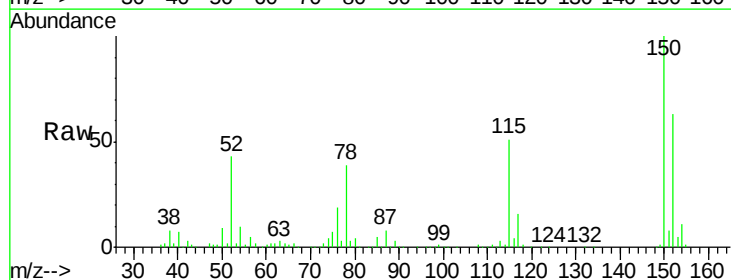
Tgt Ion: 79 Resp: 13382

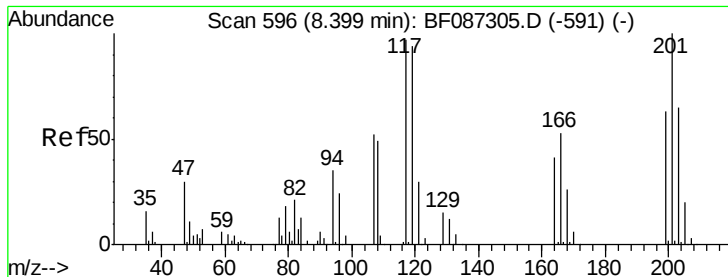
Ion Ratio Lower Upper

79 100

108 29.2 68.4 102.6#

77 102.7 50.6 76.0#





#18

Hexachloroethane

Concen: 4.14 ng

RT: 8.32 min Scan# 589

Delta R.T. 0.02 min

Lab File: BF087630.D

Acq: 1 Jun 2016 22:36

Instrument :

BNA_F

ClientSampleId :

W-30

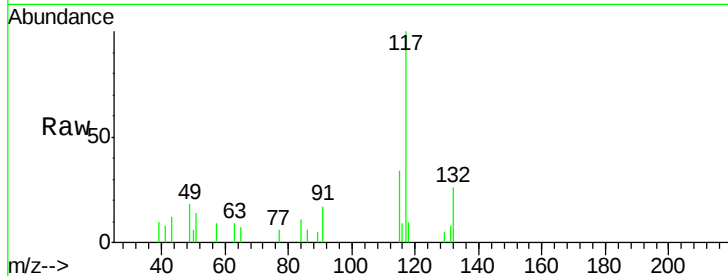
Tgt Ion: 117 Resp: 13428

Ion Ratio Lower Upper

117 100

119 0.0 76.5 114.7#

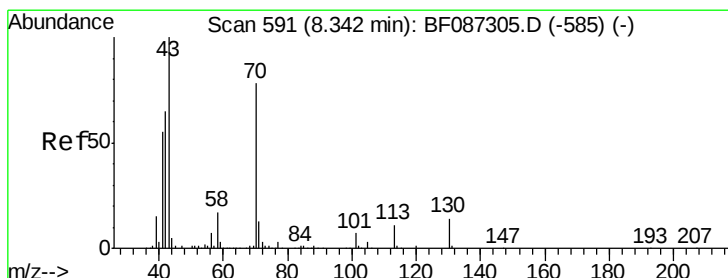
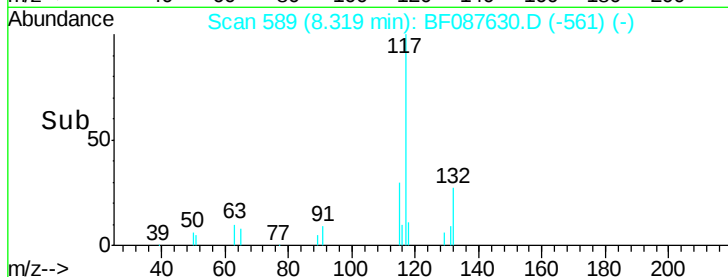
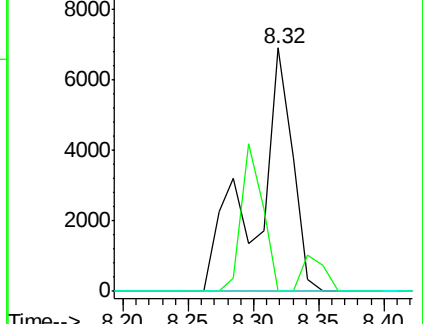
201 0.0 63.0 94.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 16.13 ng

RT: 8.34 min Scan# 591

Delta R.T. 0.09 min

Lab File: BF087630.D

Acq: 1 Jun 2016 22:36

Tgt Ion: 70 Resp: 101262

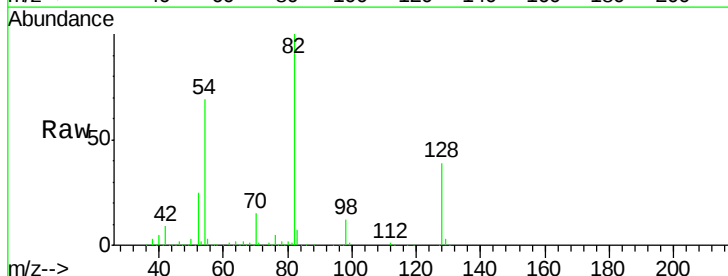
Ion Ratio Lower Upper

70 100

42 64.1 43.1 64.7

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

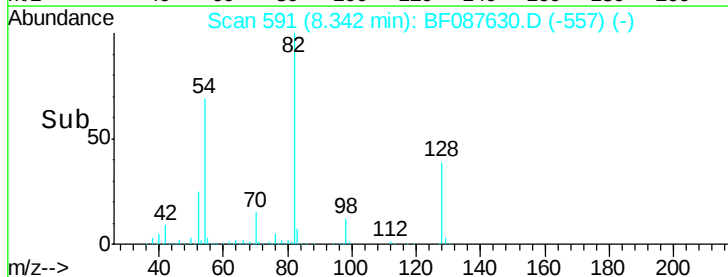
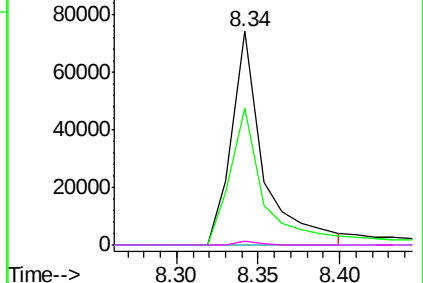


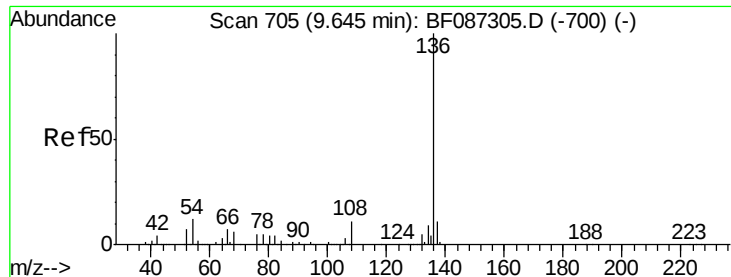
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.10 min

Lab File: BF087630.D

Acq: 1 Jun 2016 22:36

Instrument :

BNA_F

ClientSampleId :

W-30

Tgt Ion:136 Resp: 446553

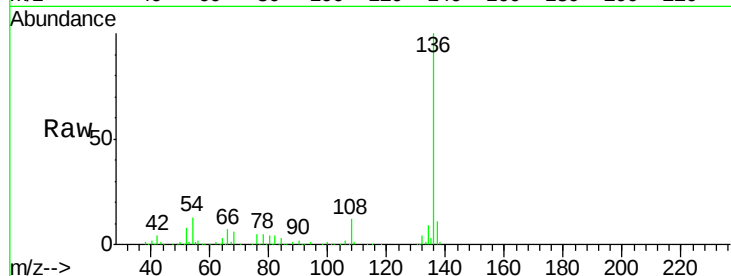
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 12.5 5.0 7.4#

68 5.7 4.4 6.6

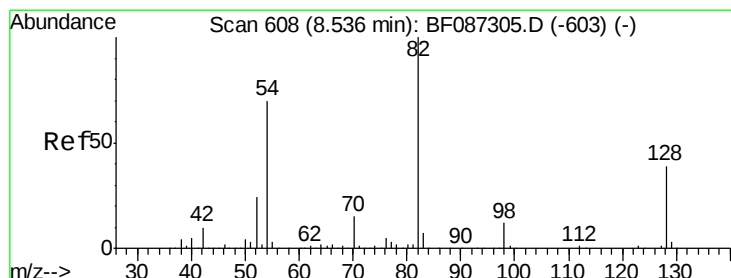
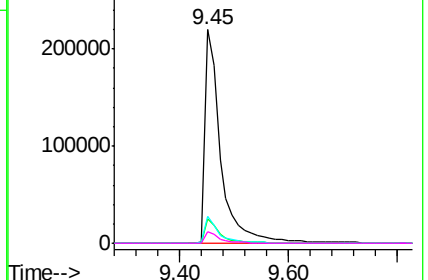
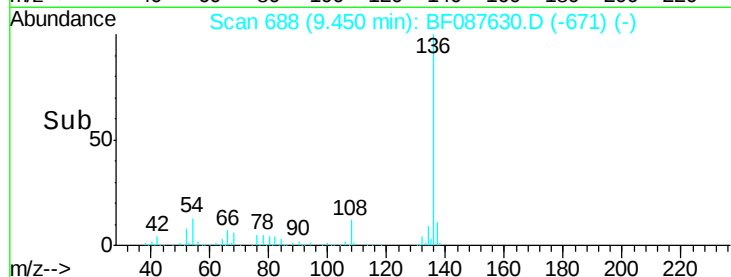


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.91 ng

RT: 8.34 min Scan# 591

Delta R.T. -0.10 min

Lab File: BF087630.D

Acq: 1 Jun 2016 22:36

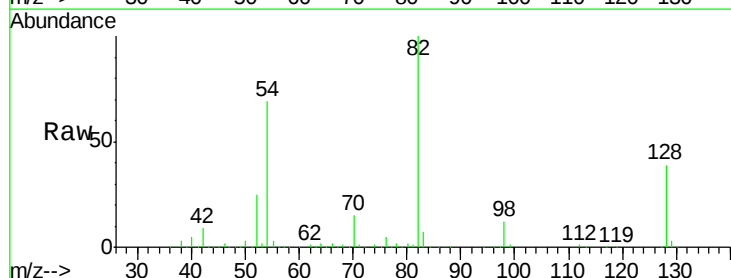
Tgt Ion: 82 Resp: 805531

Ion Ratio Lower Upper

82 100

128 38.6 40.6 61.0#

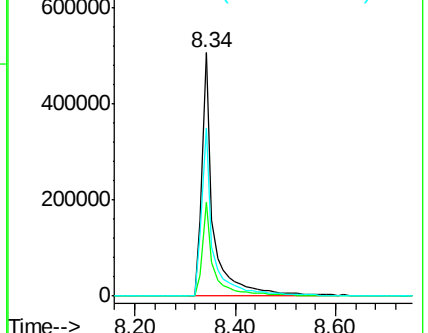
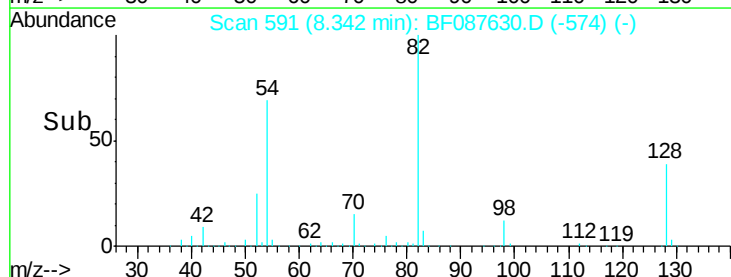
54 69.1 38.1 57.1#



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

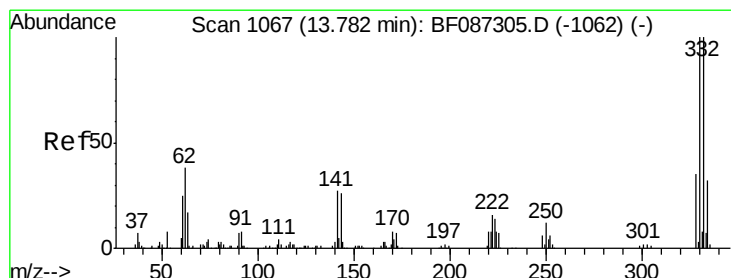
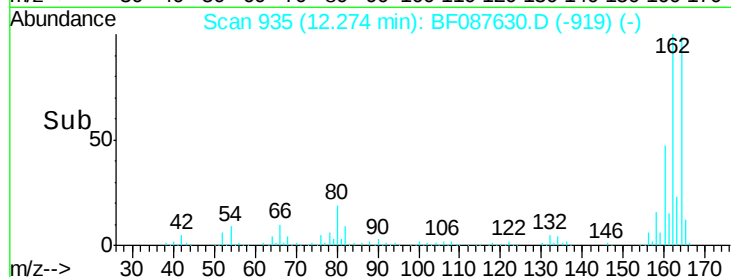
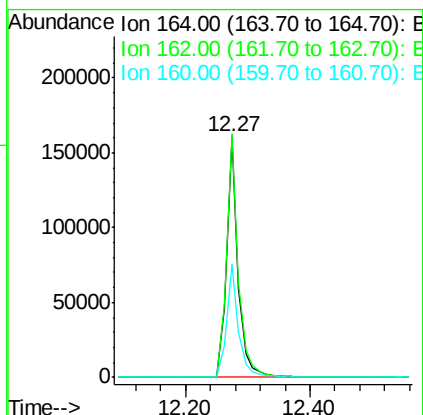
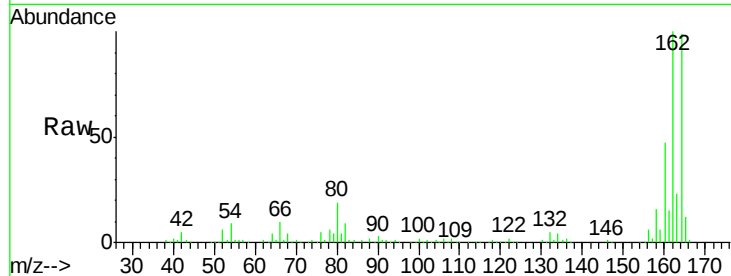




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.27 min Scan# 935
 Delta R.T. -0.11 min
 Lab File: BF087630.D
 Acq: 1 Jun 2016 22:36

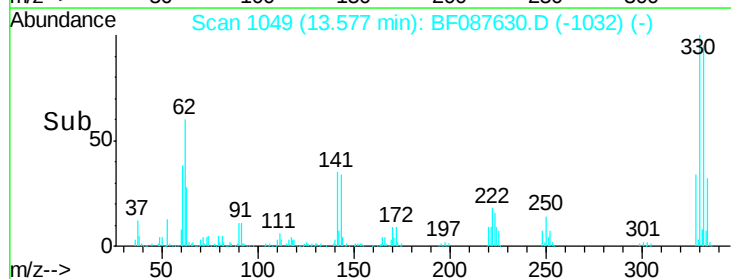
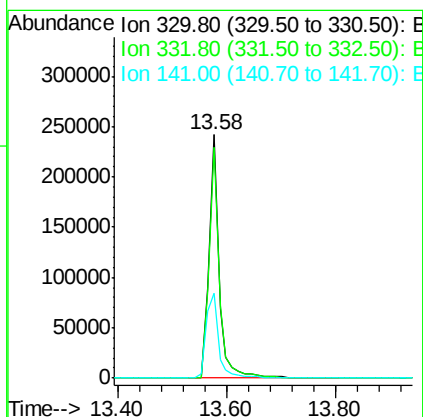
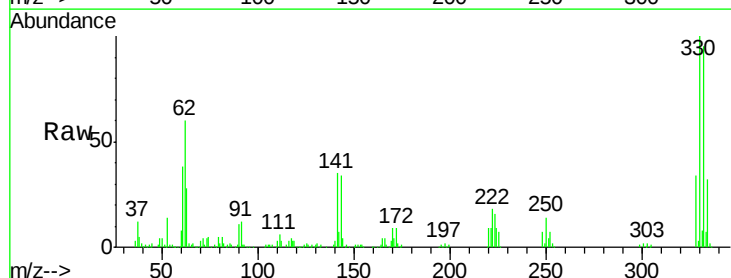
Instrument :
 BNA_F
 ClientSampleId :
 W-30

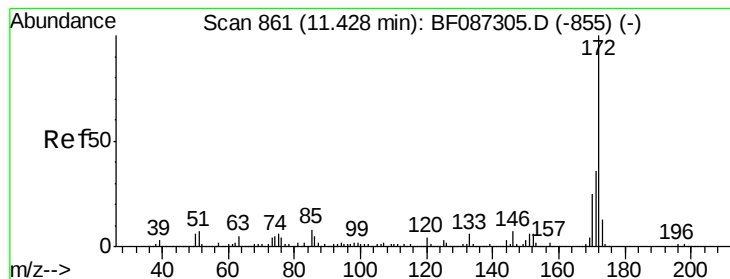
Tgt Ion:164 Resp: 204163
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.8 124.2
 160 47.3 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 161.88 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.10 min
 Lab File: BF087630.D
 Acq: 1 Jun 2016 22:36

Tgt Ion:330 Resp: 317595
 Ion Ratio Lower Upper
 330 100
 332 96.5 79.0 118.4
 141 43.2 31.2 46.8





#44

2-Fluorobiphenyl

Concen: 95.53 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.10 min

Lab File: BF087630.D

Acq: 1 Jun 2016 22:36

Instrument :

BNA_F

ClientSampleId :

W-30

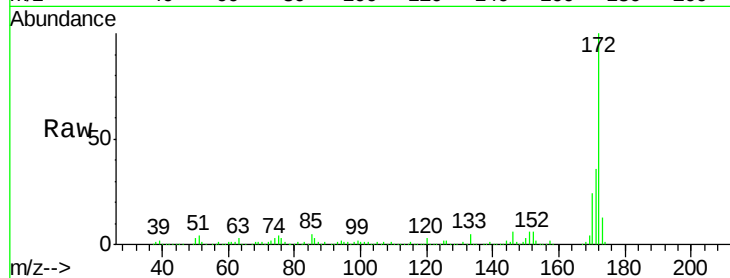
Tgt Ion:172 Resp: 1383419

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

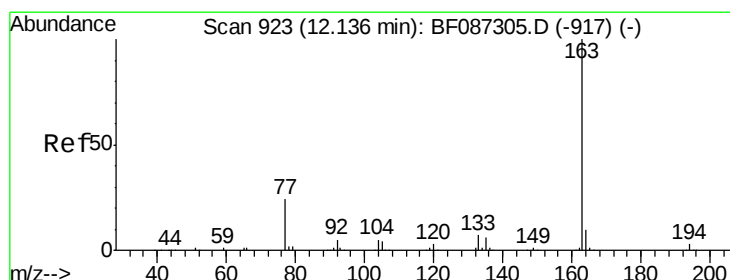
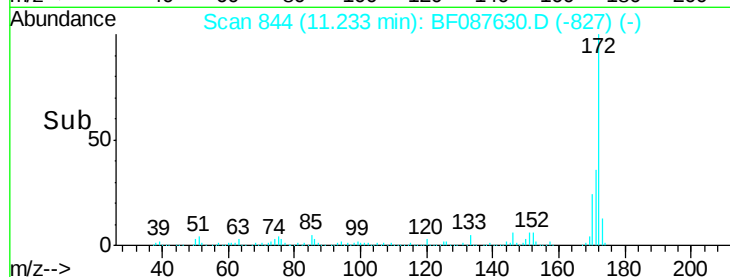
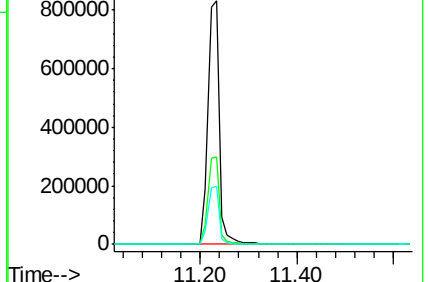
170 24.0 19.8 29.8



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: 2.65 ng

RT: 11.94 min Scan# 906

Delta R.T. -0.10 min

Lab File: BF087630.D

Acq: 1 Jun 2016 22:36

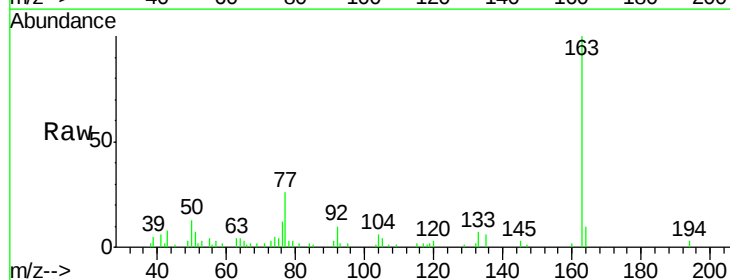
Tgt Ion:163 Resp: 43293

Ion Ratio Lower Upper

163 100

194 2.8 2.6 4.0

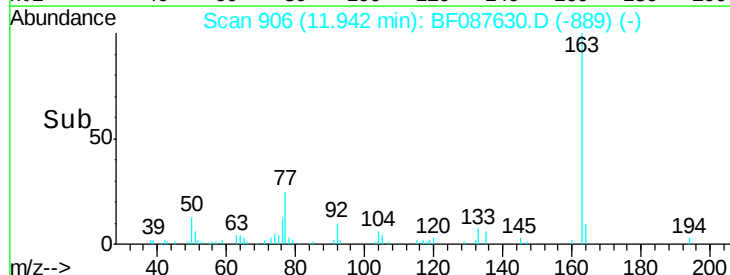
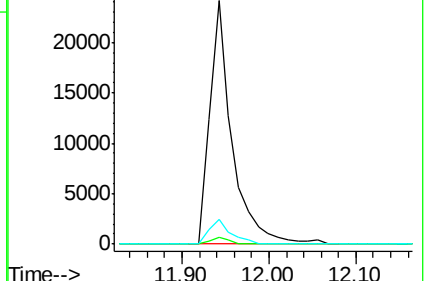
164 10.3 8.2 12.4

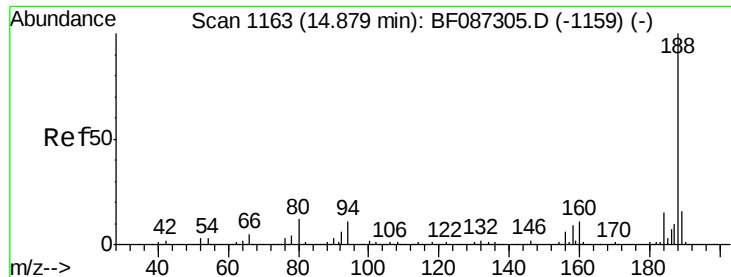


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

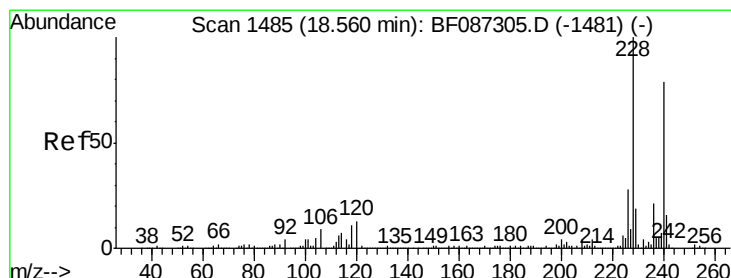
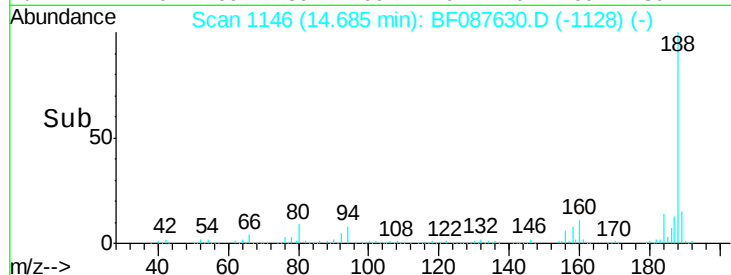
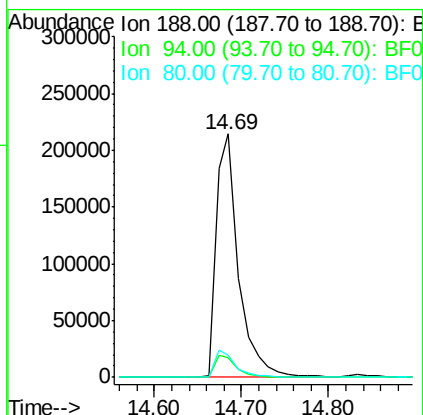
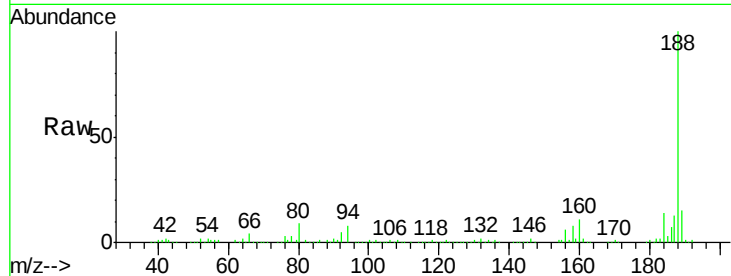




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.09 min
Lab File: BF087630.D
Acq: 1 Jun 2016 22:36

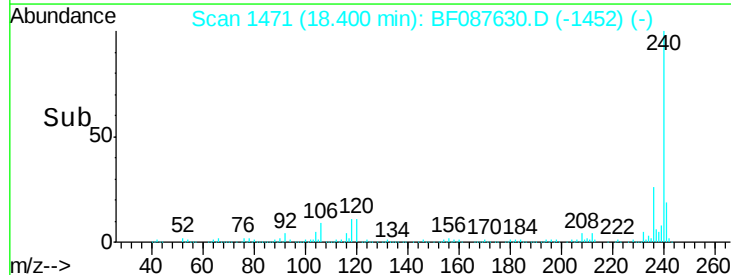
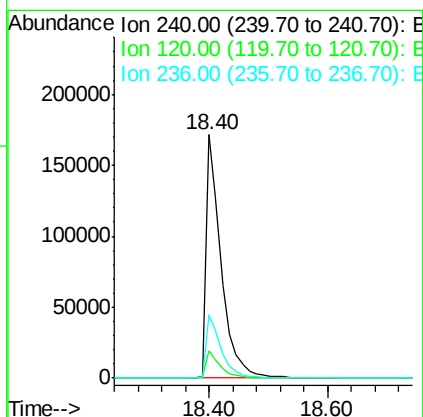
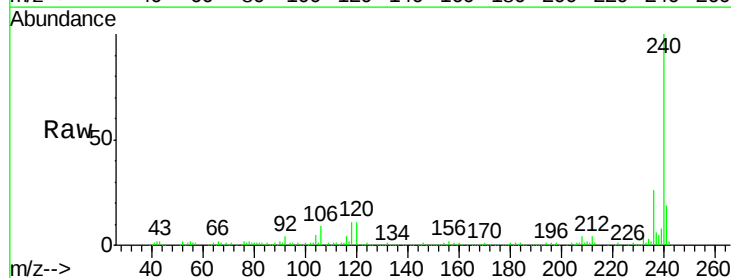
Instrument :
BNA_F
ClientSampleId :
W-30

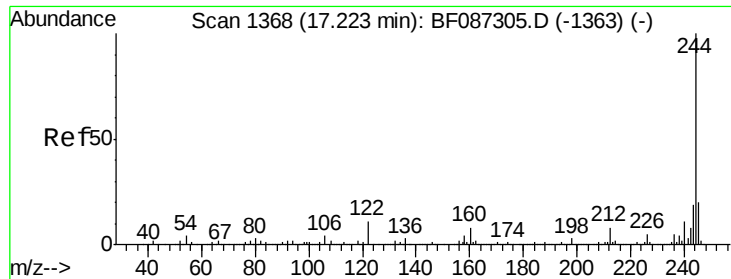
Tgt Ion:188 Resp: 387384
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.9 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.08 min
Lab File: BF087630.D
Acq: 1 Jun 2016 22:36

Tgt Ion:240 Resp: 300964
Ion Ratio Lower Upper
240 100
120 11.5 11.2 16.8
236 26.0 21.2 31.8





#78

Terphenyl-d14

Concen: 89.43 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.09 min

Lab File: BF087630.D

Acq: 1 Jun 2016 22:36

Instrument :

BNA_F

ClientSampleId :

W-30

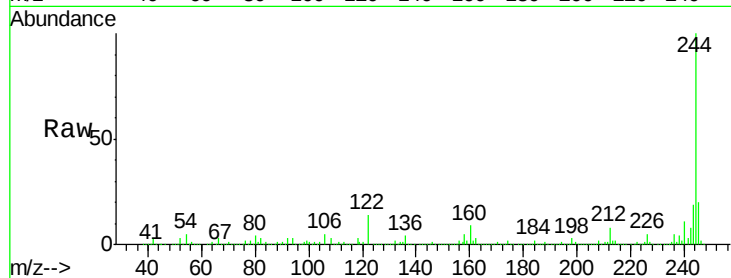
Tgt Ion:244 Resp: 1266065

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

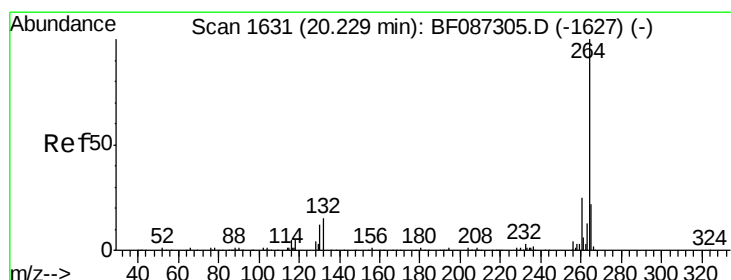
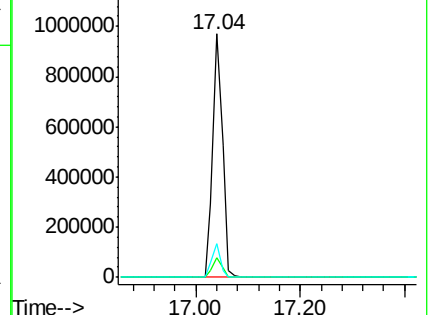
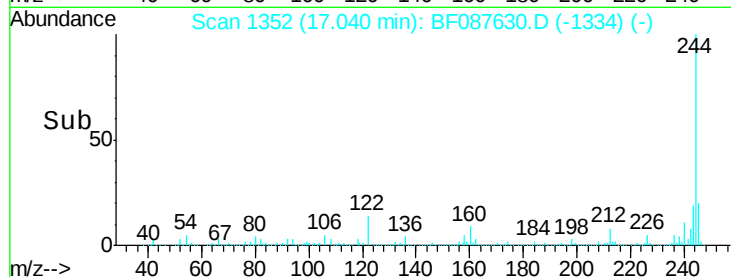
122 13.7 12.0 18.0



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. -0.05 min

Lab File: BF087630.D

Acq: 1 Jun 2016 22:36

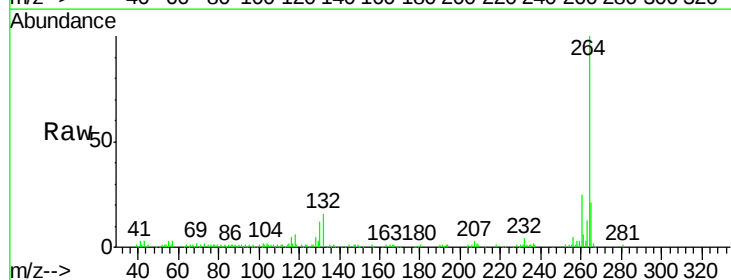
Tgt Ion:264 Resp: 207248

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.4 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

