

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087395.D
 Acq On : 26 May 2016 4:45
 Operator : UM/SJ
 Sample : H3220-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMP

Quant Time: May 26 08:41:05 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

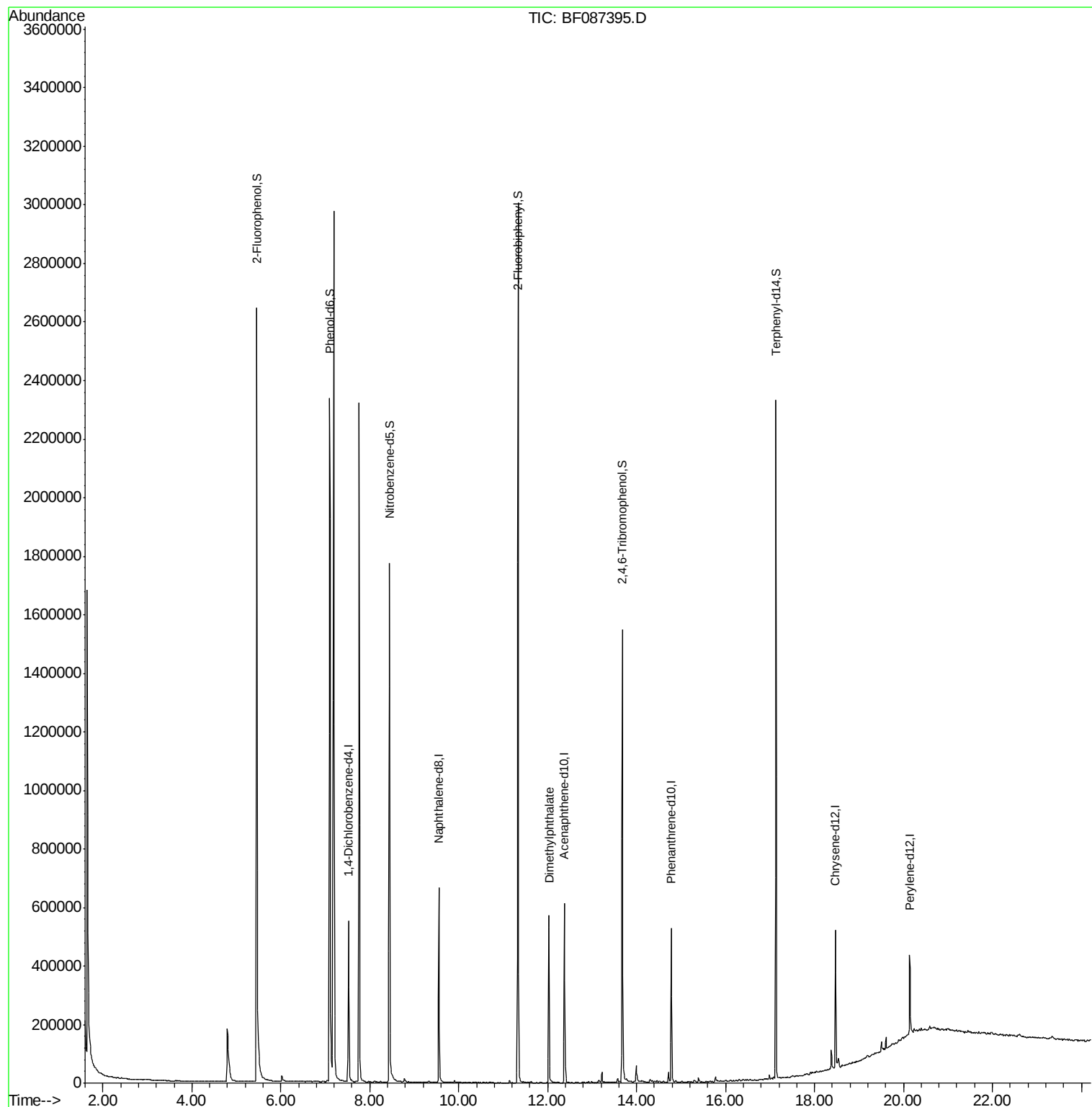
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	100172	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	388436	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	161037	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	260067	20.00	ng	0.00
75) Chrysene-d12	18.47	240	214877	20.00	ng	-0.01
86) Perylene-d12	20.14	264	149850	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	941060	165.08	ng	0.05
7) Phenol-d6	7.10	99	1271055	165.01	ng	0.02
23) Nitrobenzene-d5	8.44	82	850277	110.32	ng	0.00
41) 2,4,6-Tribromophenol	13.68	330	206418	133.39	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1220385	106.84	ng	0.00
78) Terphenyl-d14	17.13	244	862746	85.36	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	12.03	163	363910	28.21	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF087395.D

Acq: 26 May 2016 4:45

Instrument :

BNA_F

ClientSampleId :

SB-33-COMP

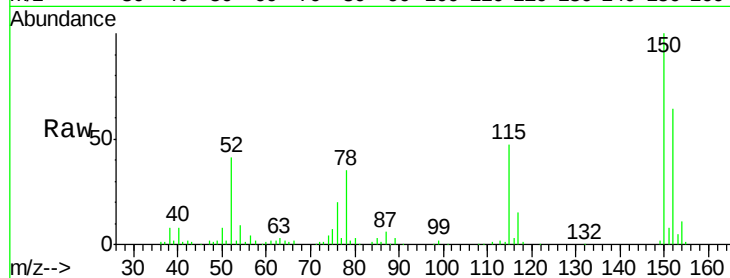
Tot Ion:152 Resp: 100172

Ion Ratio Lower Upper

152 100

150 157.0 125.8 188.6

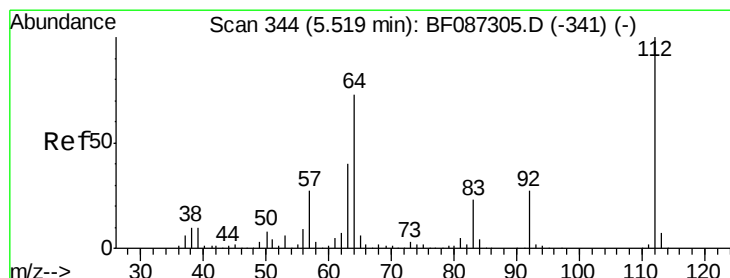
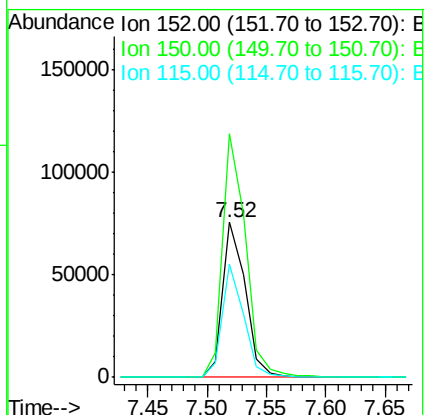
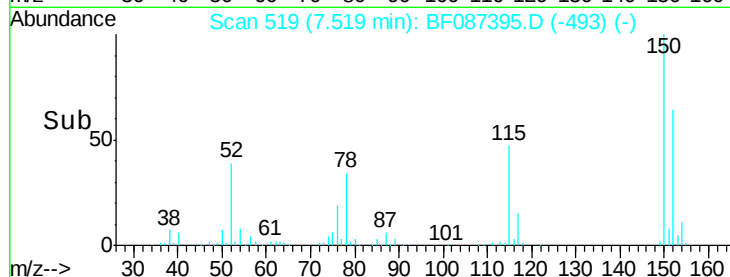
115 73.3 51.5 77.3



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: 165.08 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.05 min

Lab File: BF087395.D

Acq: 26 May 2016 4:45

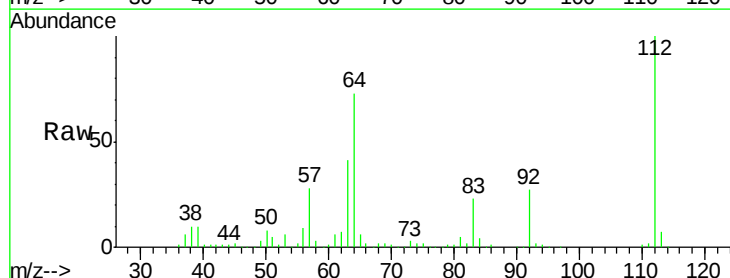
Tgt Ion:112 Resp: 941060

Ion Ratio Lower Upper

112 100

64 73.4 52.1 78.1

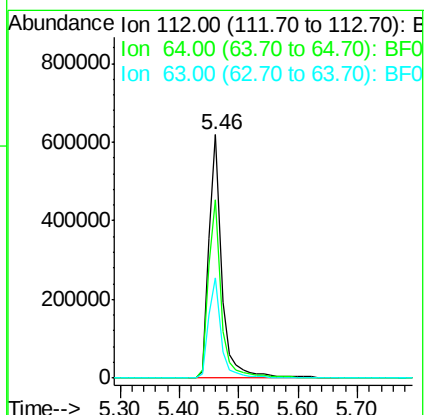
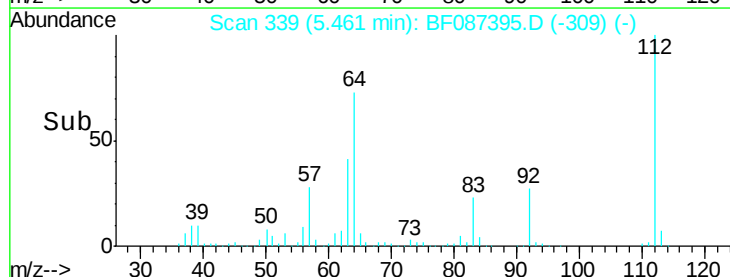
63 41.1 25.7 38.5#

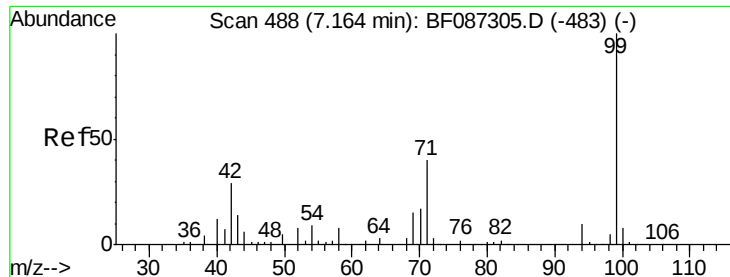


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 165.01 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.02 min

Lab File: BF087395.D

Acq: 26 May 2016 4:45

Instrument :

BNA_F

ClientSampleId :

SB-33-COMP

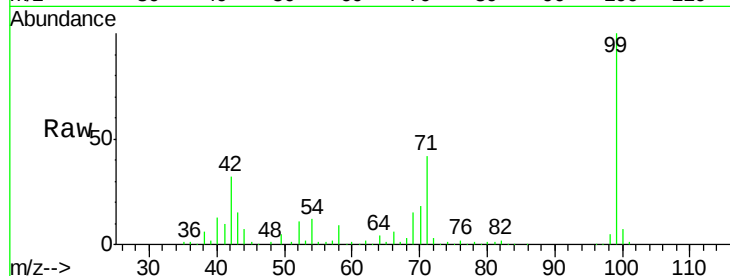
Tot Ion: 99 Resp: 1271055

Ion Ratio Lower Upper

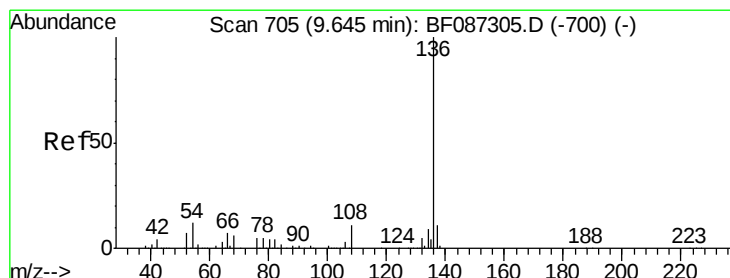
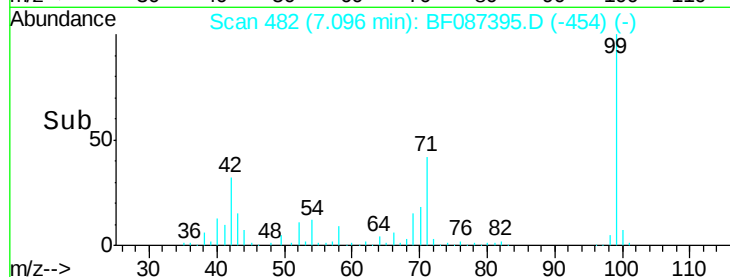
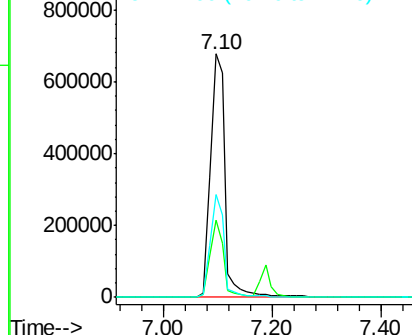
99 100

42 31.7 13.6 20.4#

71 42.0 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: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087395.D

Acq: 26 May 2016 4:45

Tgt Ion: 136 Resp: 388436

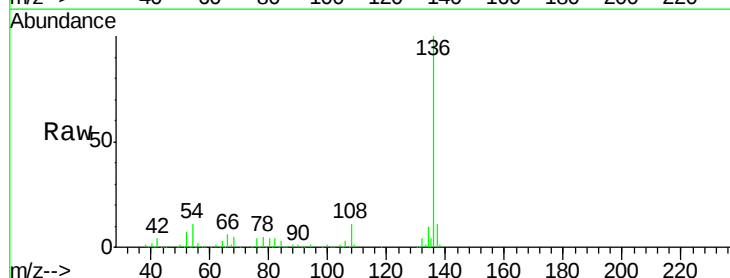
Ion Ratio Lower Upper

136 100

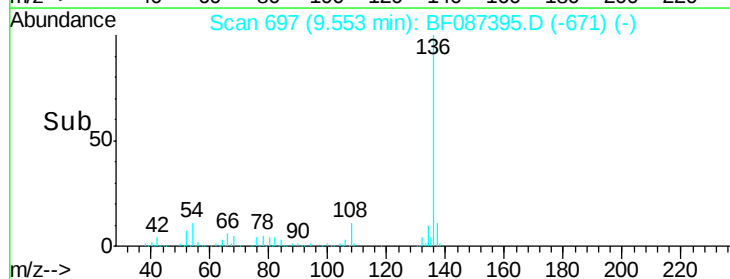
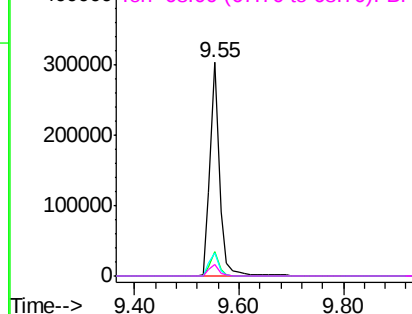
137 11.1 8.8 13.2

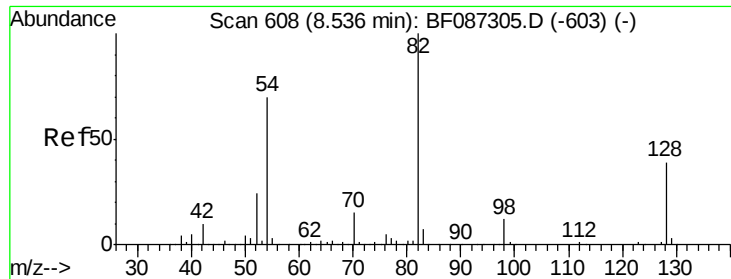
54 10.9 5.0 7.4#

68 5.4 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

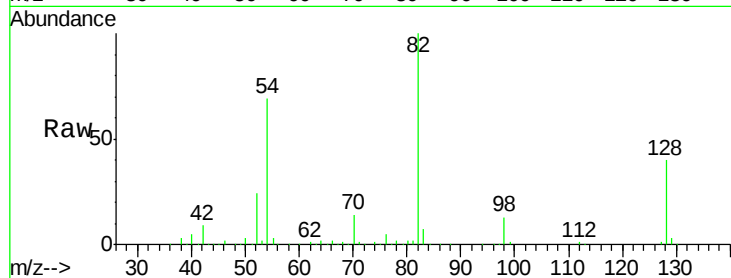




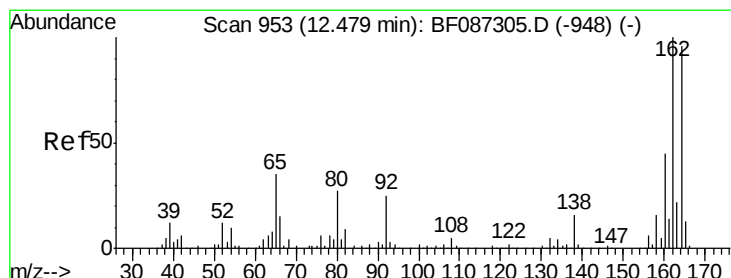
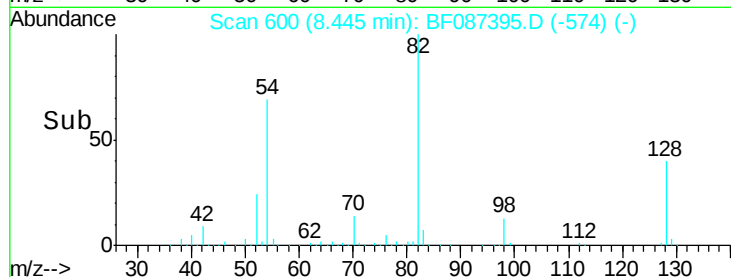
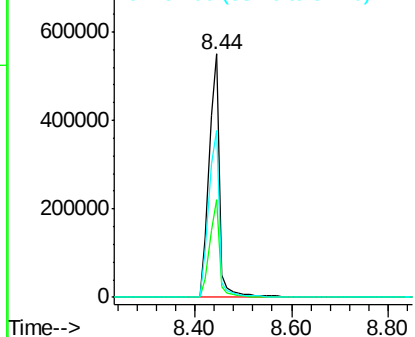
#23
 Nitrobenzene-d5
 Concen: 110.32 ng
 RT: 8.44 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF087395.D
 Acq: 26 May 2016 4:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-33-COMP

Tot Ion: 82 Resp: 850277
 Ion Ratio Lower Upper
 82 100
 128 40.4 40.6 61.0#
 54 68.7 38.1 57.1#

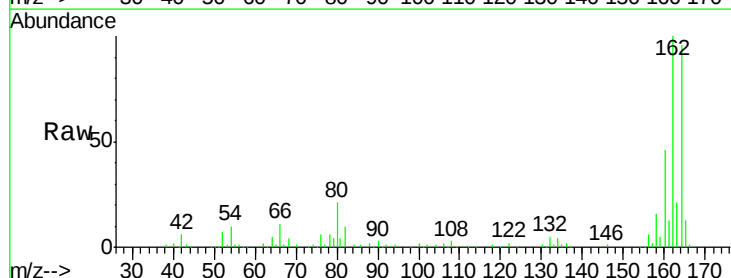


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

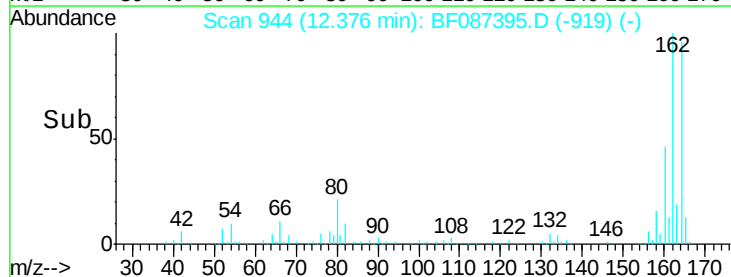
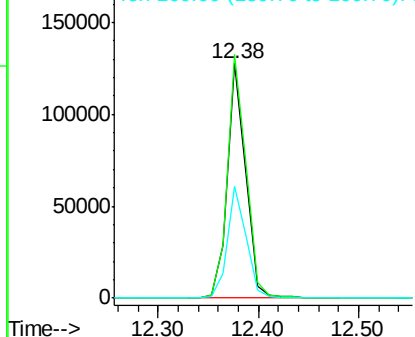


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF087395.D
 Acq: 26 May 2016 4:45

Tgt Ion:164 Resp: 161037
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.8 124.2
 160 47.5 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: 133.39 ng

RT: 13.68 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BF087395.D

Acq: 26 May 2016 4:45

Instrument :

BNA_F

ClientSampleId :

SB-33-COMP

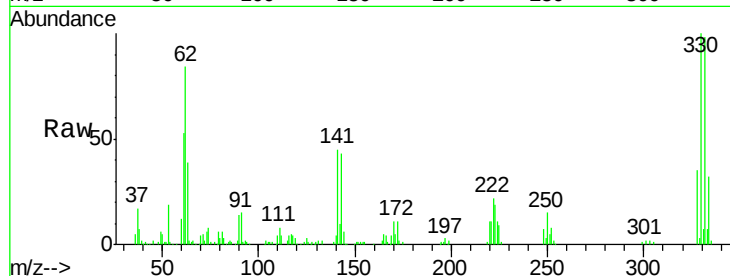
Tot Ion:330 Resp: 206418

Ion Ratio Lower Upper

330 100

332 98.2 79.0 118.4

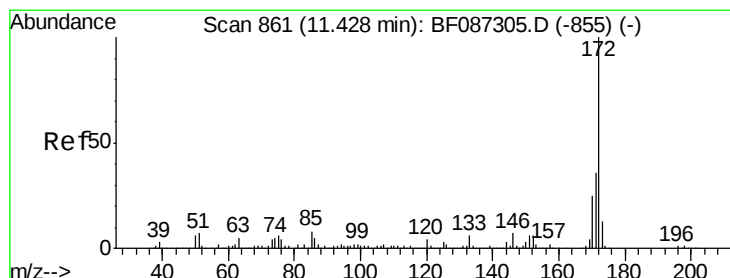
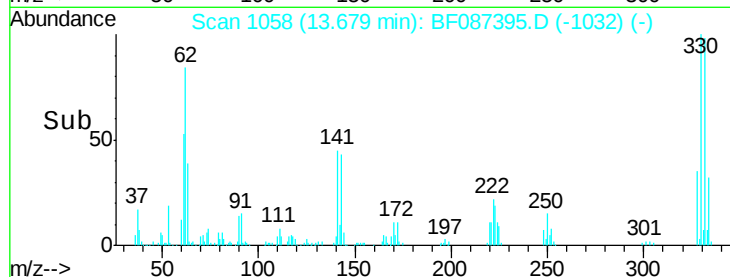
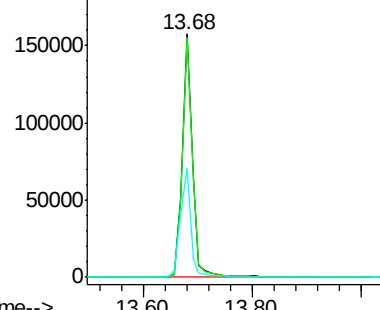
141 46.2 31.2 46.8



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: 106.84 ng

RT: 11.34 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF087395.D

Acq: 26 May 2016 4:45

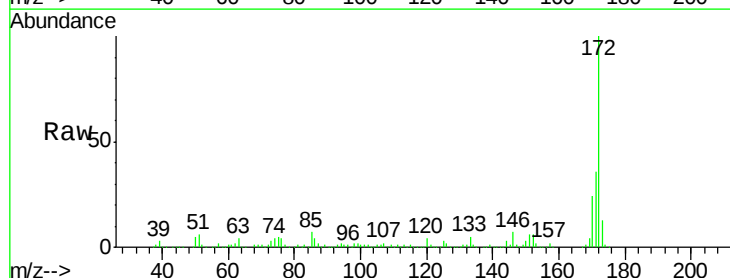
Tgt Ion:172 Resp: 1220385

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.6

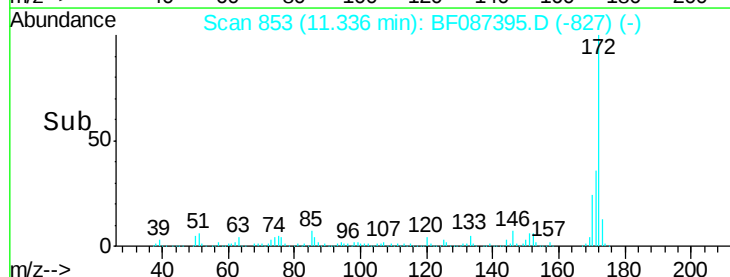
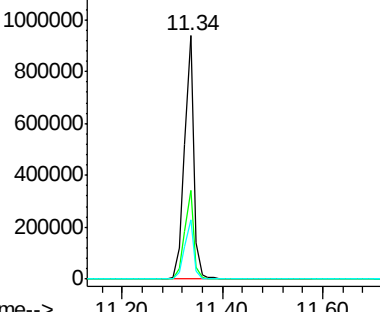
170 24.3 19.8 29.8

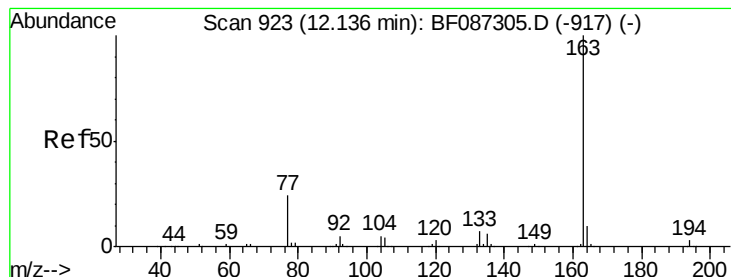


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 28.21 ng

RT: 12.03 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF087395.D

Acq: 26 May 2016 4:45

Instrument :

BNA_F

ClientSampleId :

SB-33-COMP

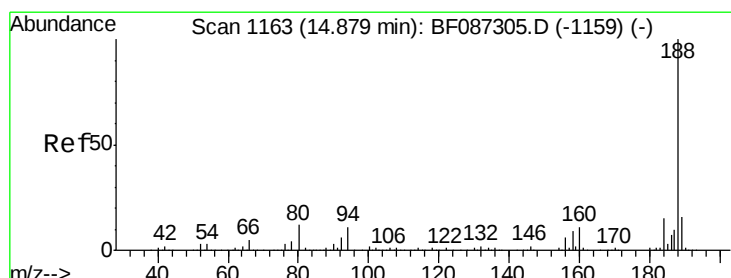
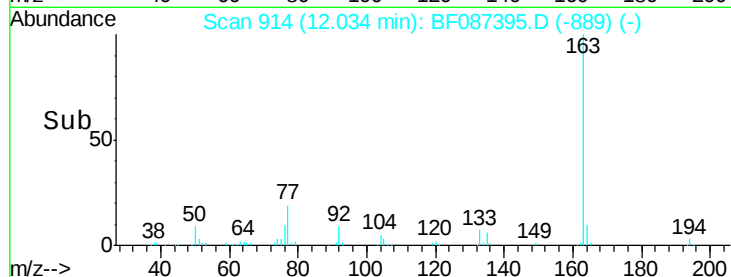
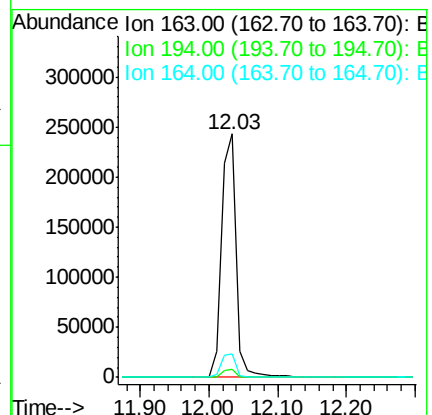
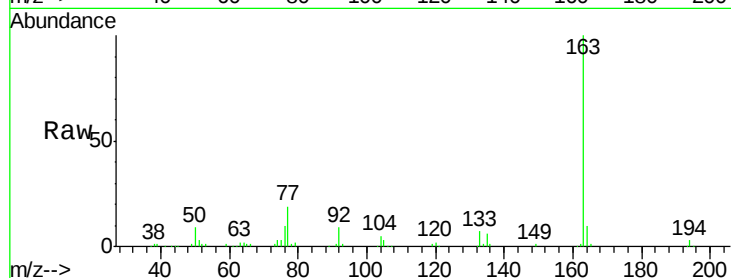
Tot Ion:163 Resp: 363910

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

164 9.6 8.2 12.4



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF087395.D

Acq: 26 May 2016 4:45

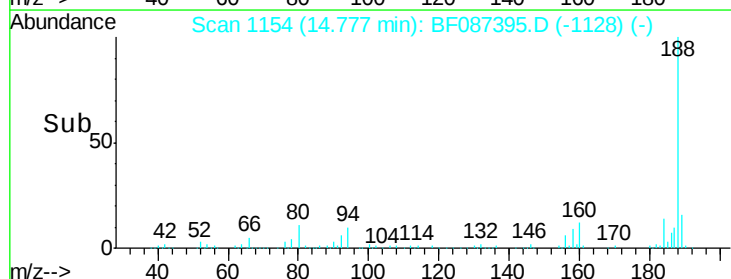
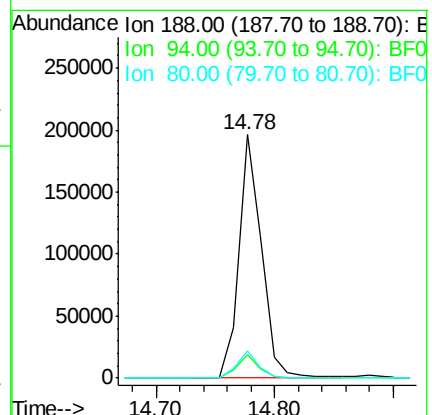
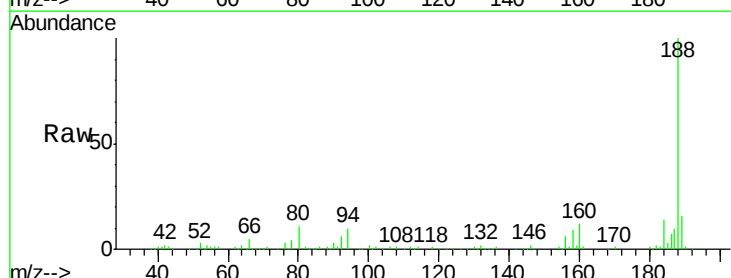
Tgt Ion:188 Resp: 260067

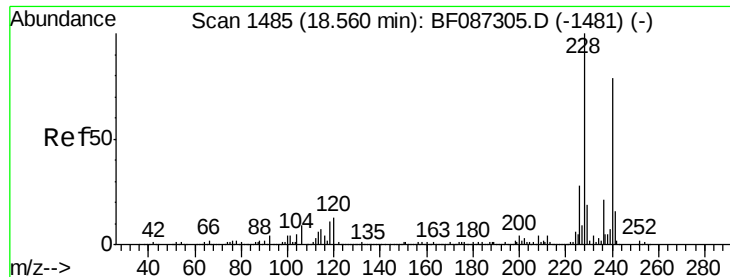
Ion Ratio Lower Upper

188 100

94 9.6 6.8 10.2

80 11.3 7.1 10.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.47 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF087395.D

Acq: 26 May 2016 4:45

Instrument :

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ClientSampleId :

SB-33-COMP

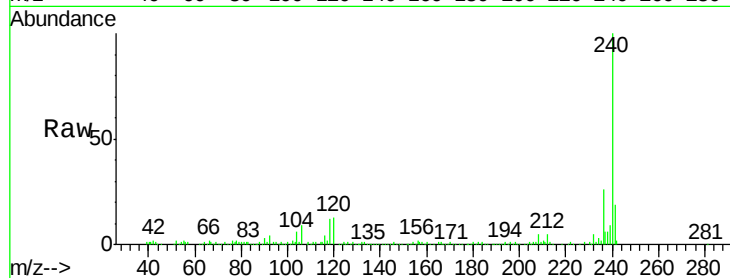
Tot Ion:240 Resp: 214877

Ion Ratio Lower Upper

240 100

120 13.3 11.2 16.8

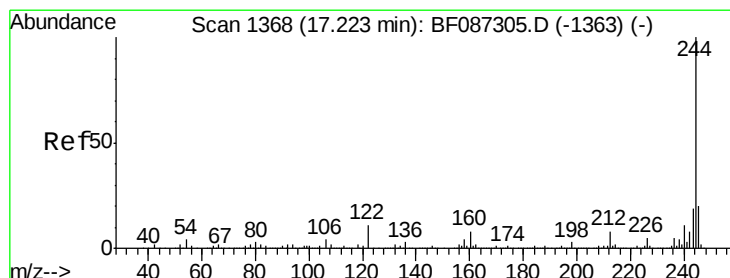
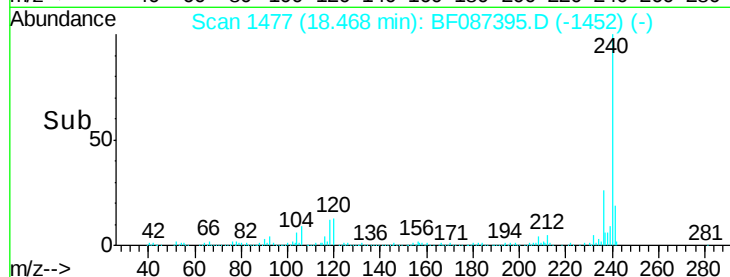
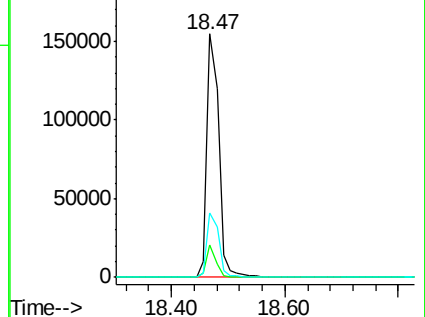
236 26.2 21.2 31.8



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: 85.36 ng

RT: 17.13 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF087395.D

Acq: 26 May 2016 4:45

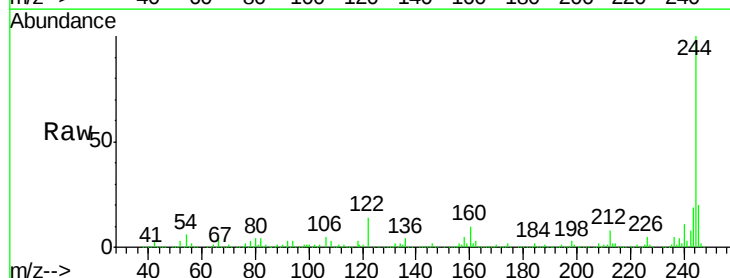
Tgt Ion:244 Resp: 862746

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

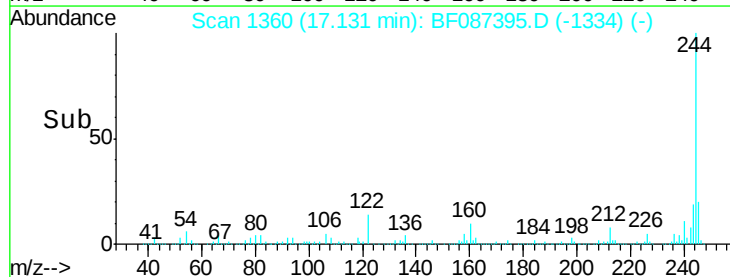
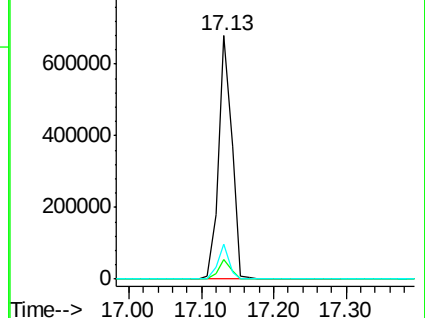
122 14.3 12.0 18.0

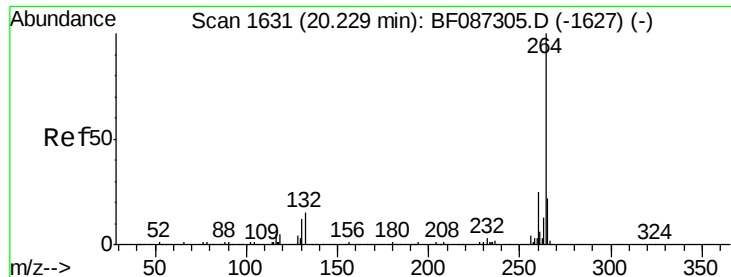


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.14 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BF087395.D
Acq: 26 May 2016 4:45

Instrument :
BNA_F
ClientSampleId :
SB-33-COMP

Tot Ion: 264 Resp: 149850
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 21.7 17.3 25.9

