

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050216\
 Data File : BF086630.D
 Acq On : 2 May 2016 21:18
 Operator : UM/SJ
 Sample : H2716-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2-CS-3(0-10FTBGS)

Quant Time: May 03 01:59:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 03 01:42:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	165019	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	744388	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	364328	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	696048	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	576996	20.00	ng	-0.01
86) Perylene-d12	15.29	264	169479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	527477	55.14	ng	0.00
7) Phenol-d6	6.38	99	692600	51.87	ng	-0.02
23) Nitrobenzene-d5	7.32	82	432894	31.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	197972	51.53	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	881938	35.43	ng	-0.01
78) Terphenyl-d14	12.85	244	1431060	54.64	ng	-0.01

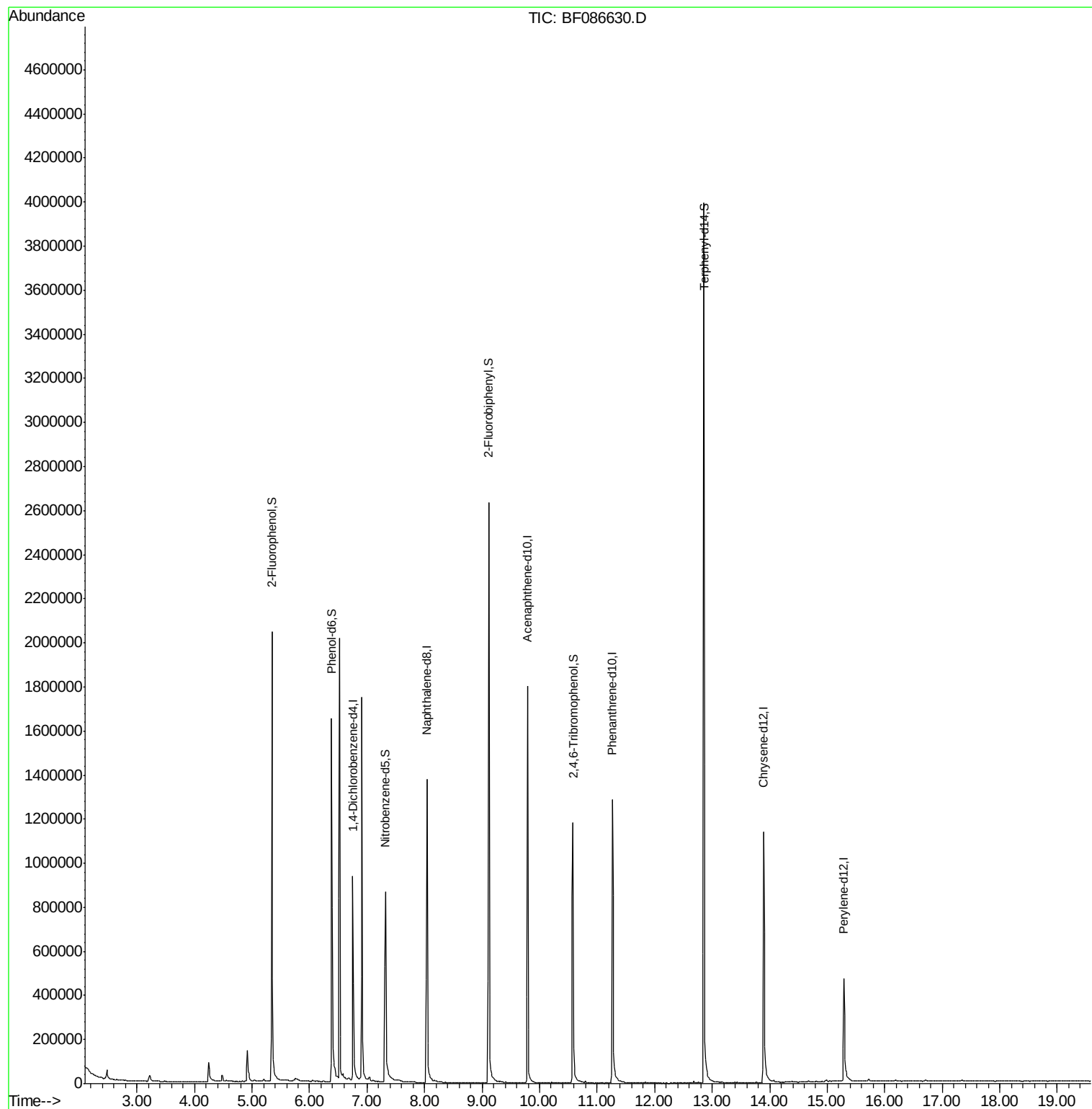
Target Compounds Qvalue

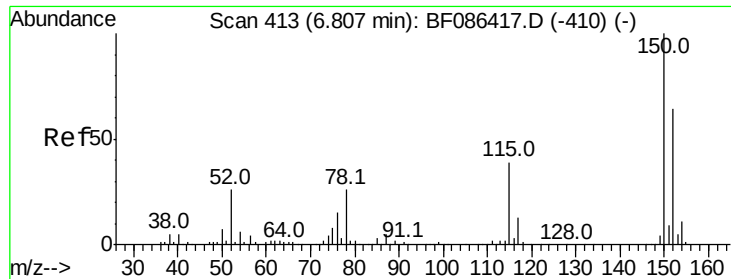
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF086630.D

Acq: 2 May 2016 21:18

Instrument :

BNA_F

ClientSampleId :

26WARD-2-CS-3(0-10FTBGS)

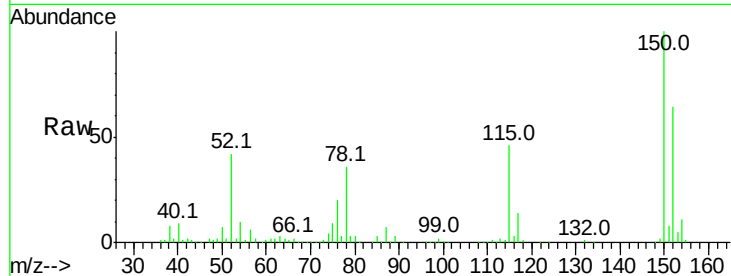
Tot Ion:152 Resp: 165019

Ion Ratio Lower Upper

152 100

150 156.3 125.8 188.6

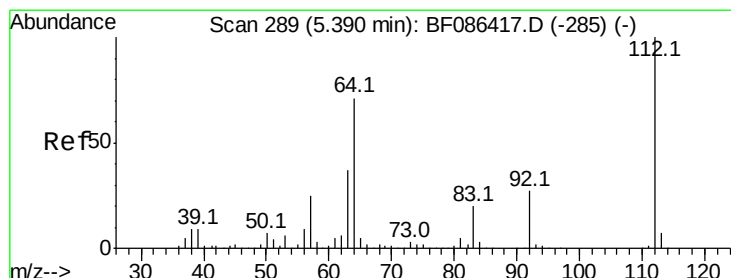
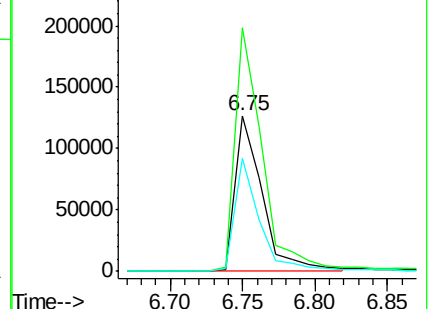
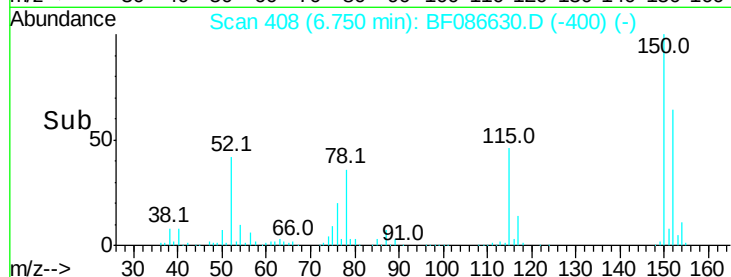
115 72.7 51.5 77.3



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: 55.14 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.00 min

Lab File: BF086630.D

Acq: 2 May 2016 21:18

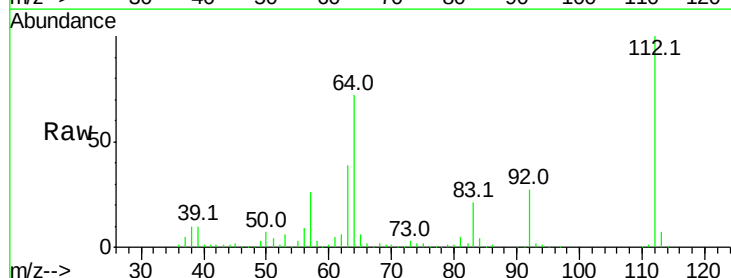
Tgt Ion:112 Resp: 527477

Ion Ratio Lower Upper

112 100

64 72.4 52.1 78.1

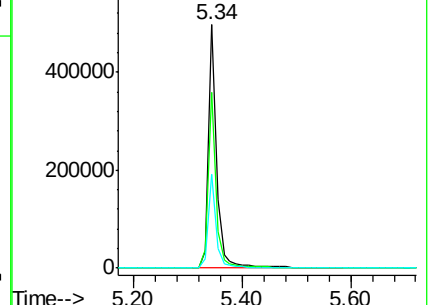
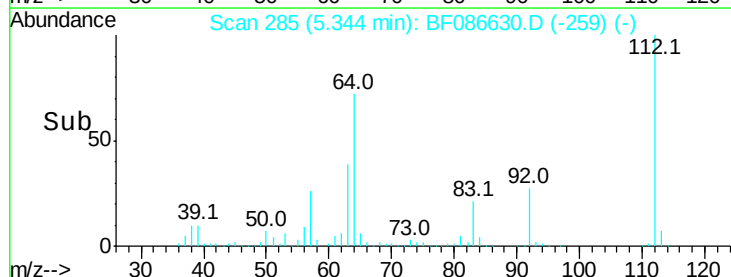
63 38.6 25.7 38.5#

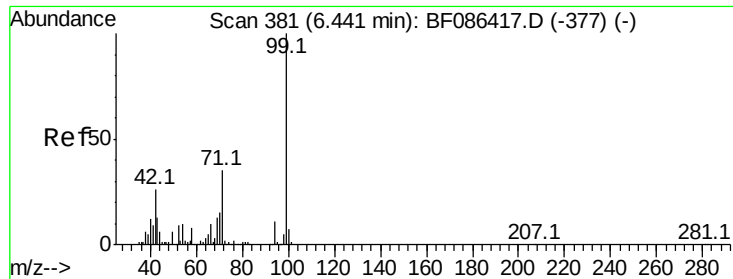


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 51.87 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF086630.D

Acq: 2 May 2016 21:18

Instrument :

BNA_F

ClientSampleId :

26WARD-2-CS-3(0-10FTBGS)

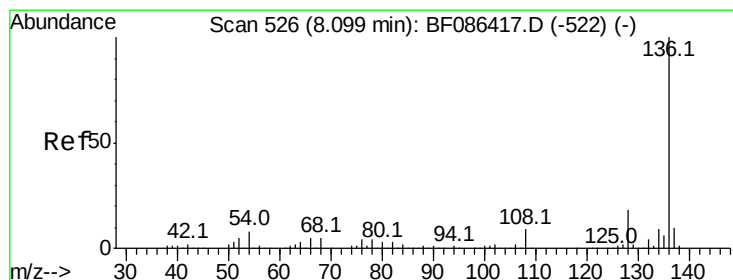
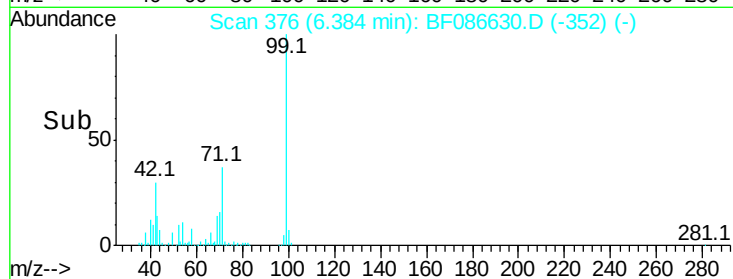
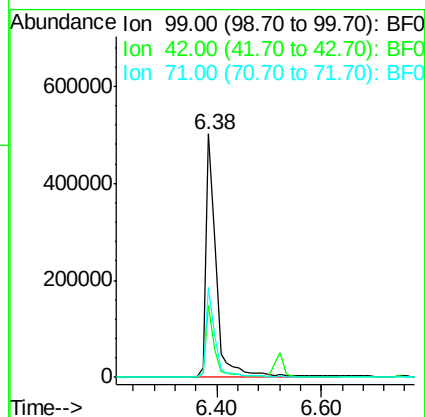
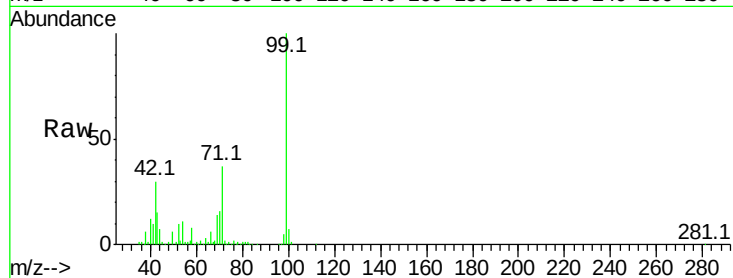
Tot Ion: 99 Resp: 692600

Ion Ratio Lower Upper

99 100

42 29.8 13.6 20.4#

71 37.2 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF086630.D

Acq: 2 May 2016 21:18

Tgt Ion: 136 Resp: 744388

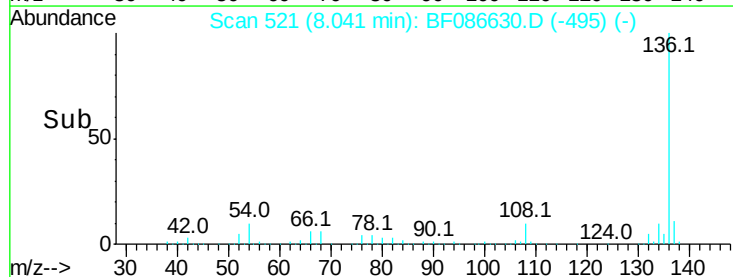
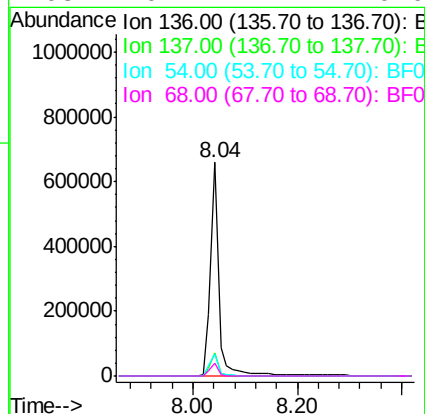
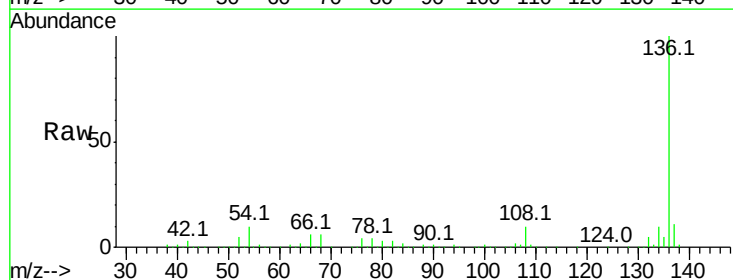
Ion Ratio Lower Upper

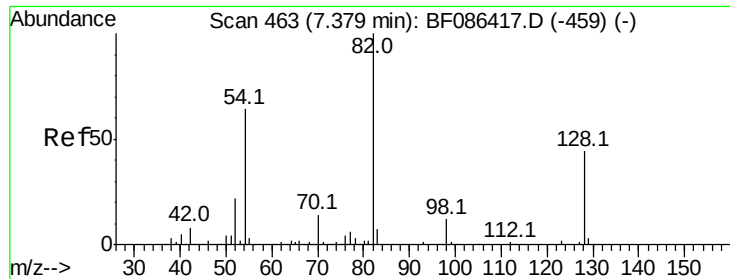
136 100

137 10.9 8.8 13.2

54 10.1 5.0 7.4#

68 6.1 4.4 6.6





#23

Nitrobenzene-d5

Concen: 31.35 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF086630.D

Acq: 2 May 2016 21:18

Instrument :

BNA_F

ClientSampleId :

26WARD-2-CS-3(0-10FTBGS)

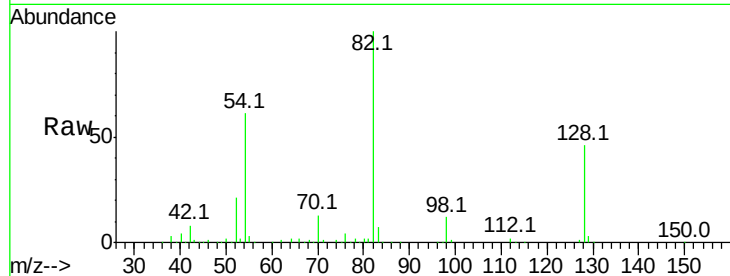
Tot Ion: 82 Resp: 432894

Ion Ratio Lower Upper

82 100

128 45.8 40.6 61.0

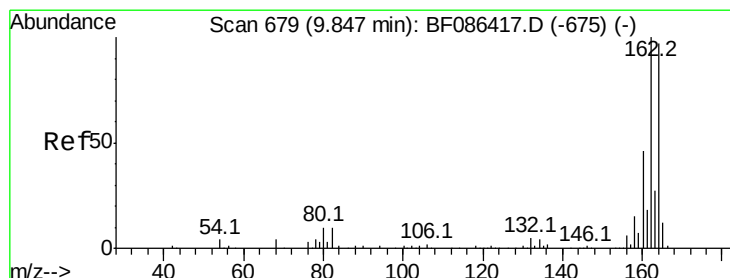
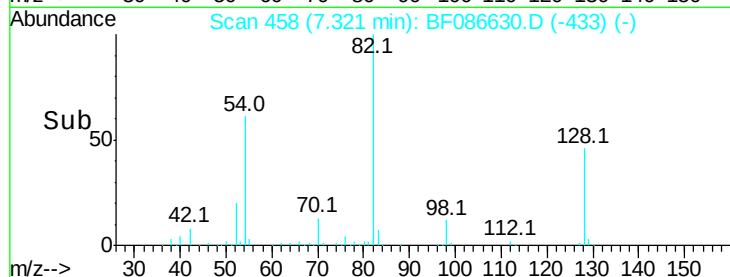
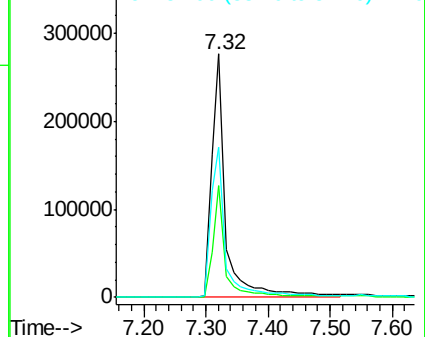
54 61.5 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF086630.D

Acq: 2 May 2016 21:18

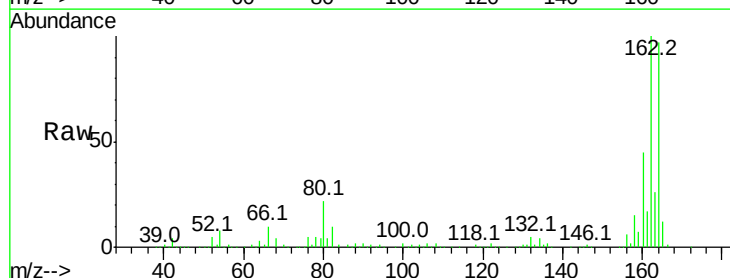
Tgt Ion:164 Resp: 364328

Ion Ratio Lower Upper

164 100

162 103.2 82.8 124.2

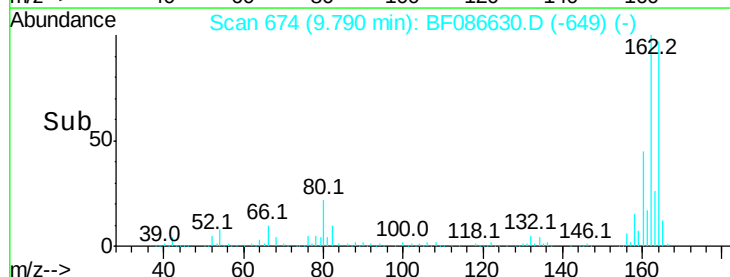
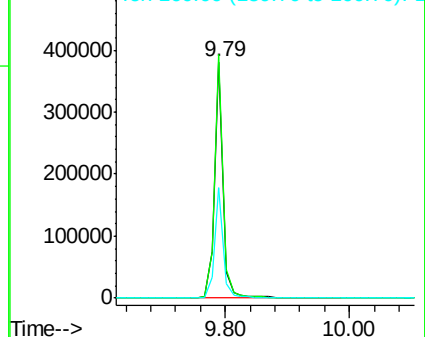
160 46.8 36.9 55.3

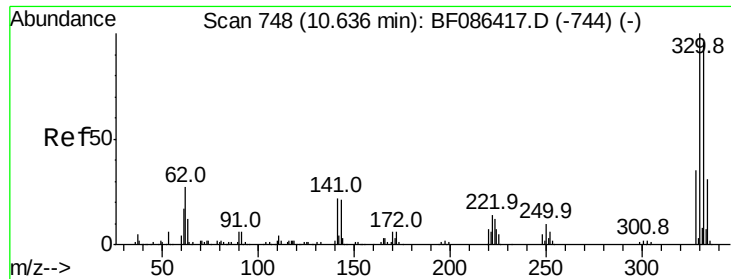


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

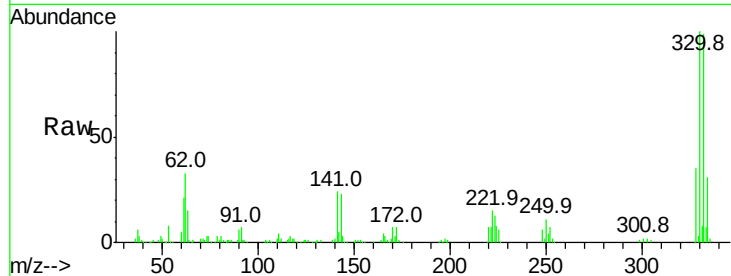




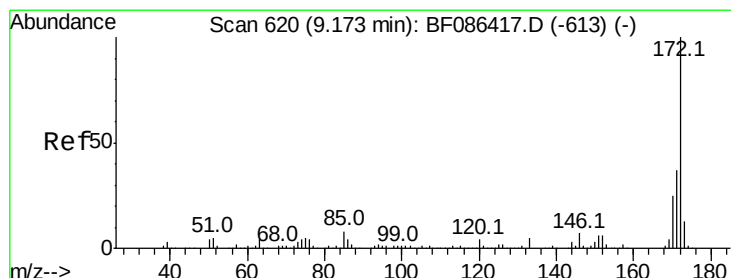
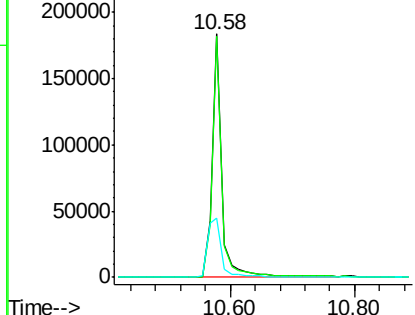
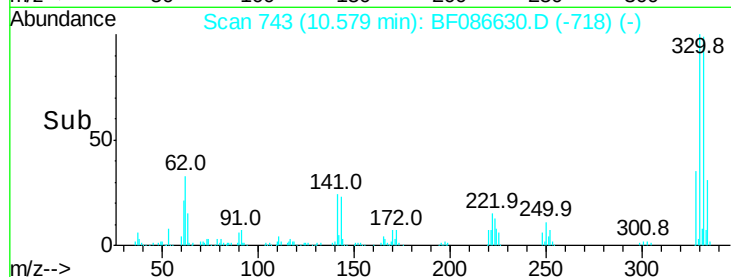
#41
 2,4,6-Tribromophenol
 Concen: 51.53 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF086630.D
 Acq: 2 May 2016 21:18

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2-CS-3(0-10FTBGS)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.0	118.4
141	36.2	31.2	46.8

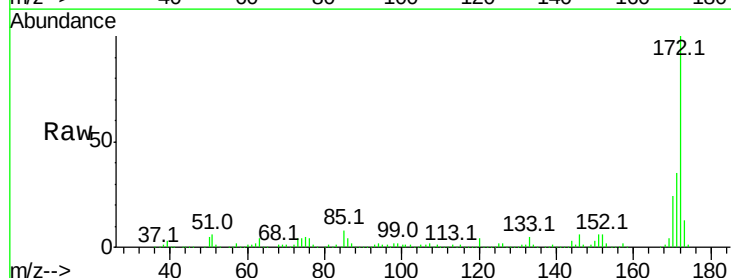


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

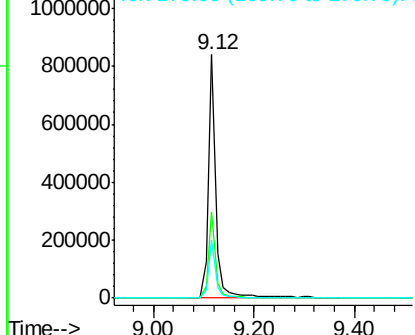
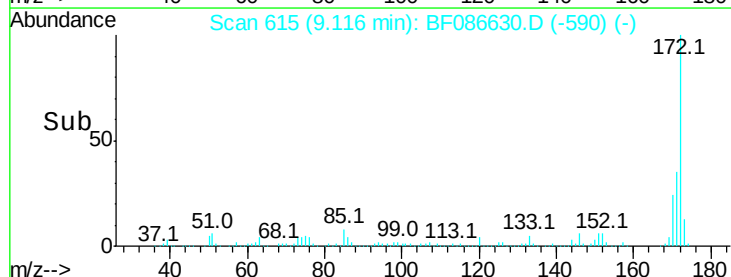


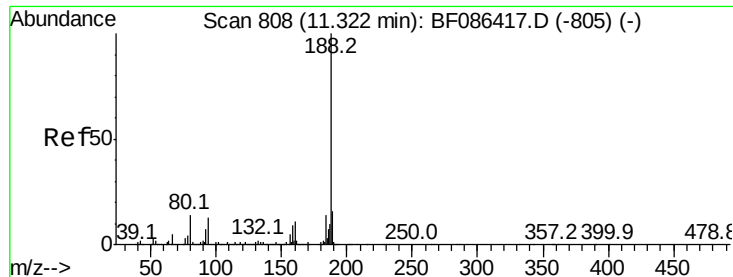
#44
 2-Fluorobiphenyl
 Concen: 35.43 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF086630.D
 Acq: 2 May 2016 21:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF086630.D

Acq: 2 May 2016 21:18

Instrument :

BNA_F

ClientSampleId :

26WARD-2-CS-3(0-10FTBGS)

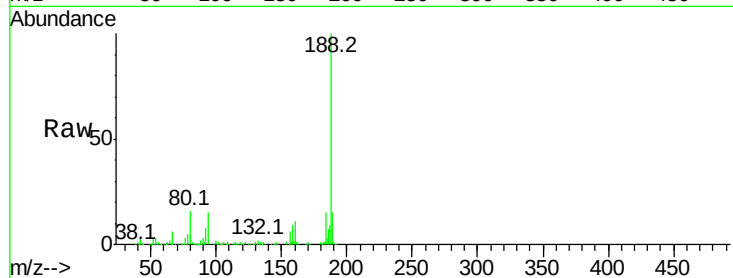
Tot Ion:188 Resp: 696048

Ion Ratio Lower Upper

188 100

94 14.6 6.8 10.2#

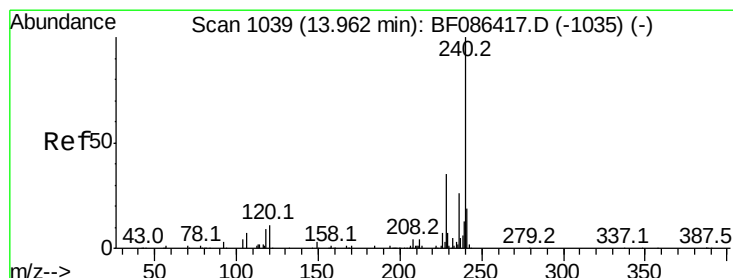
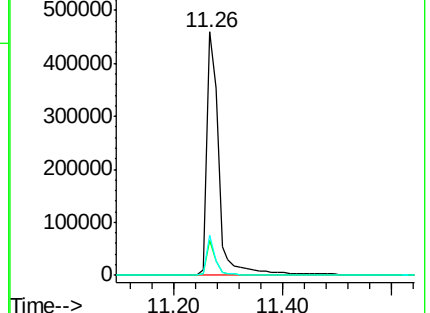
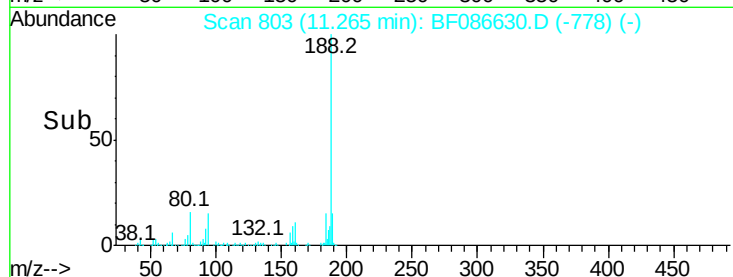
80 16.3 7.1 10.7#



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: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF086630.D

Acq: 2 May 2016 21:18

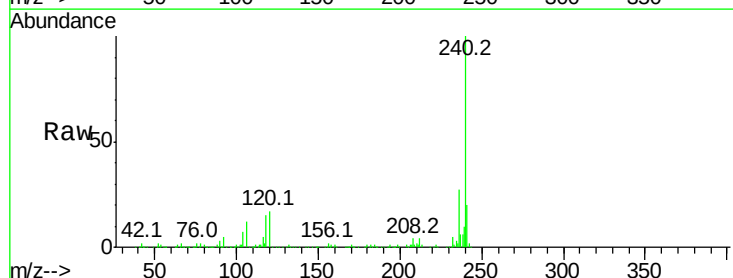
Tgt Ion:240 Resp: 576996

Ion Ratio Lower Upper

240 100

120 16.7 11.2 16.8

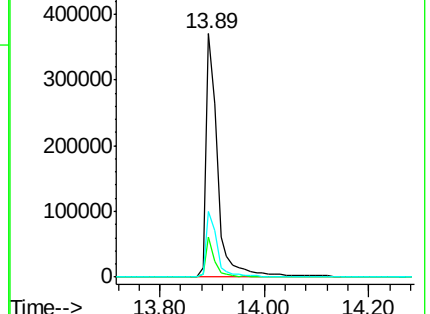
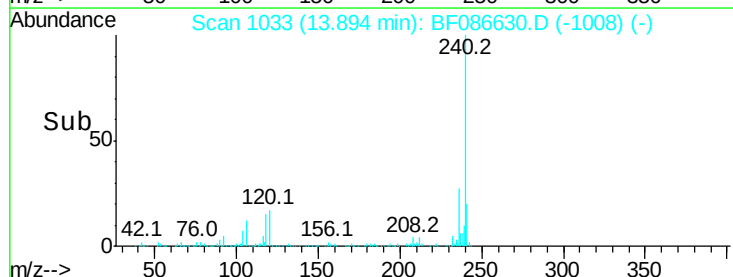
236 26.8 21.2 31.8

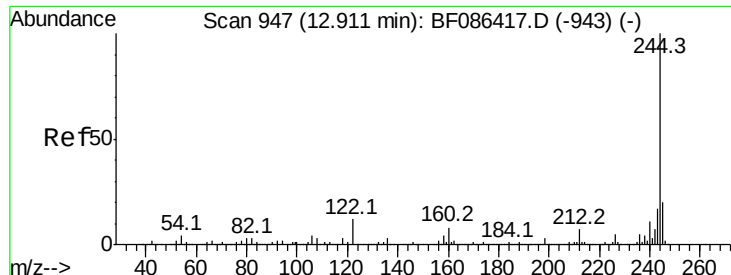


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 54.64 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF086630.D

Acq: 2 May 2016 21:18

Instrument :

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ClientSampleId :

26WARD-2-CS-3(0-10FTBGS)

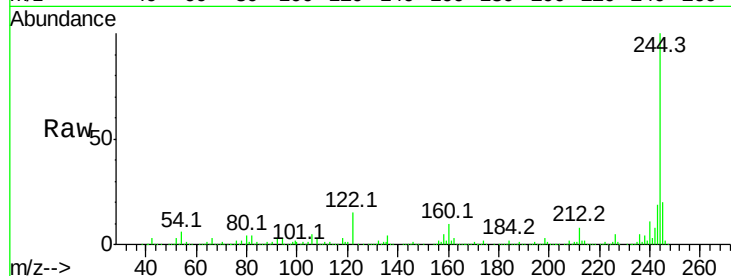
Tot Ion:244 Resp: 1431060

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

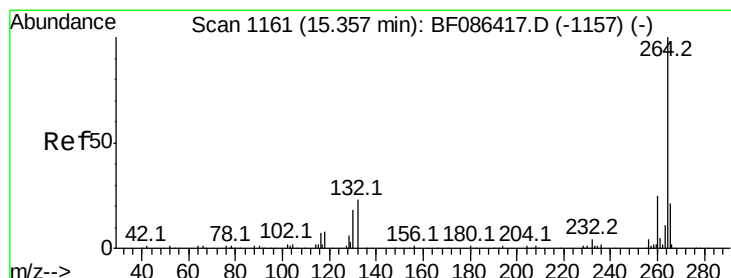
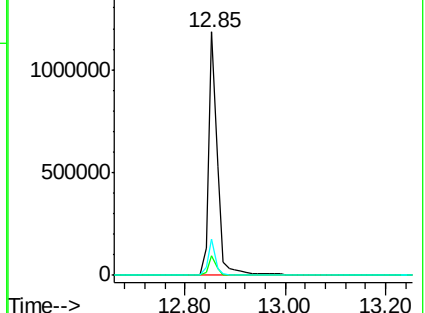
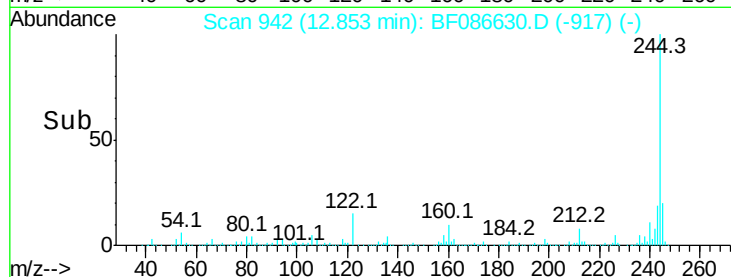
122 15.1 12.0 18.0



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: 15.29 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF086630.D

Acq: 2 May 2016 21:18

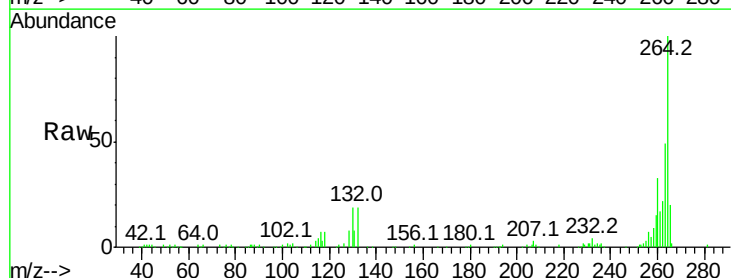
Tgt Ion:264 Resp: 169479

Ion Ratio Lower Upper

264 100

260 33.2 19.5 29.3#

265 20.4 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

