

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050216\
 Data File : BF086621.D
 Acq On : 2 May 2016 16:58
 Operator : UM/SJ
 Sample : H2716-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-9(0-12FTBGS)

Quant Time: May 03 01:39:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	168777	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	731857	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	353583	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	690122	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	598710	20.00	ng	-0.07
86) Perylene-d12	15.29	264	382460	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1376431	140.67	ng	-0.02
7) Phenol-d6	6.40	99	1579105	115.63	ng	-0.05
23) Nitrobenzene-d5	7.32	82	1162376	85.61	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	476253	127.72	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1863478	94.41	ng	-0.06
78) Terphenyl-d14	12.87	244	2174756	80.03	ng	-0.05

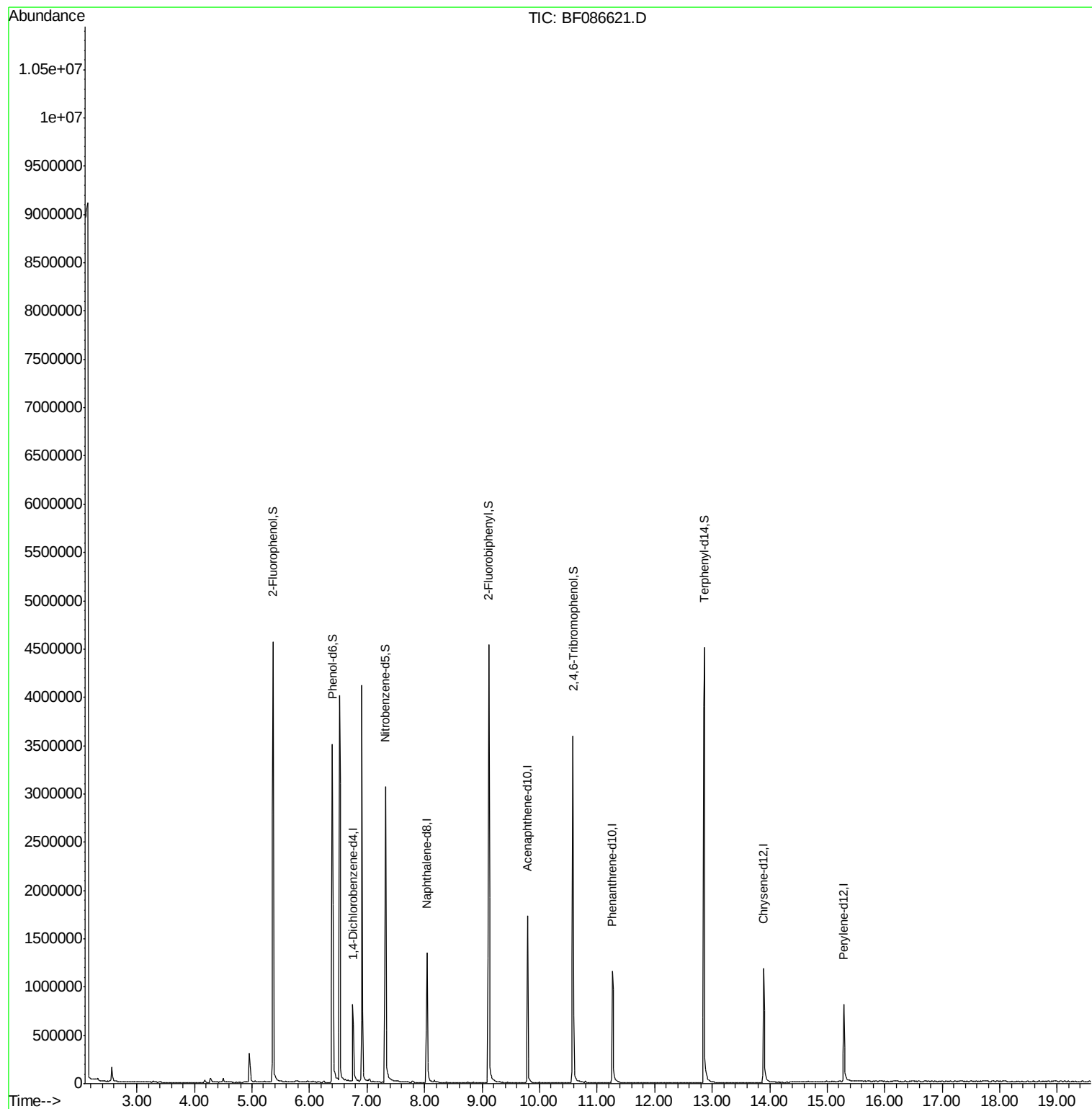
Target Compounds Qvalue

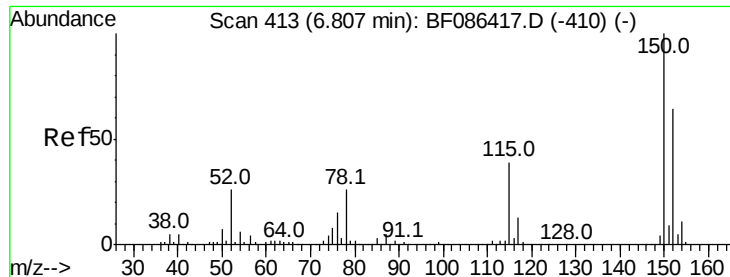
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF086621.D

Acq: 2 May 2016 16:58

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-9(0-12FTBGS)

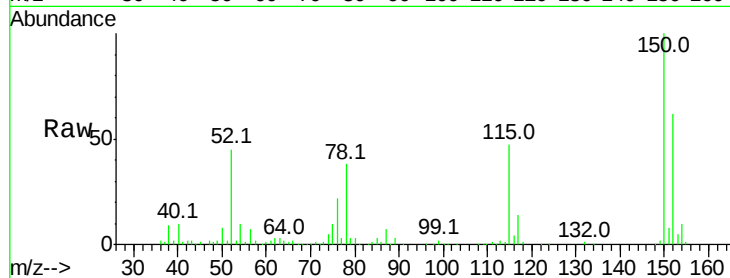
Tot Ion:152 Resp: 168777

Ion Ratio Lower Upper

152 100

150 162.5 125.8 188.6

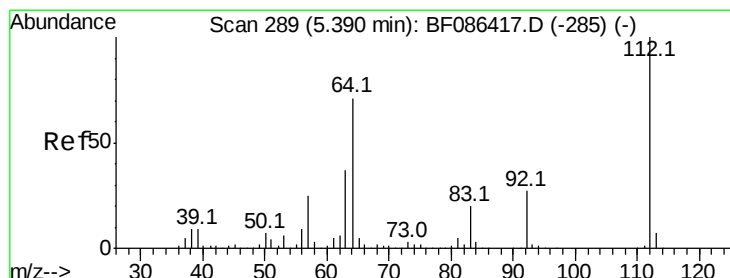
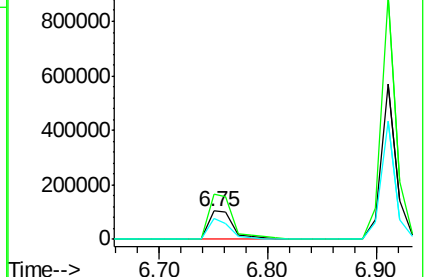
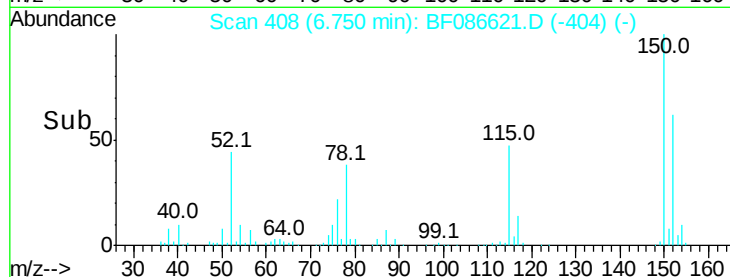
115 77.0 51.5 77.3



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: 140.67 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086621.D

Acq: 2 May 2016 16:58

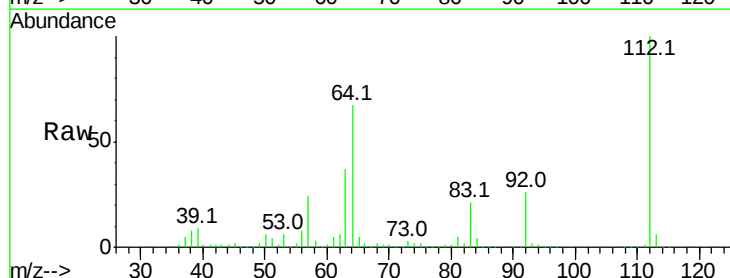
Tgt Ion:112 Resp: 1376431

Ion Ratio Lower Upper

112 100

64 67.2 52.1 78.1

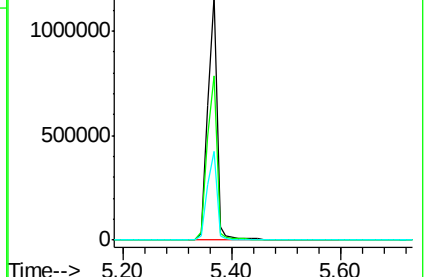
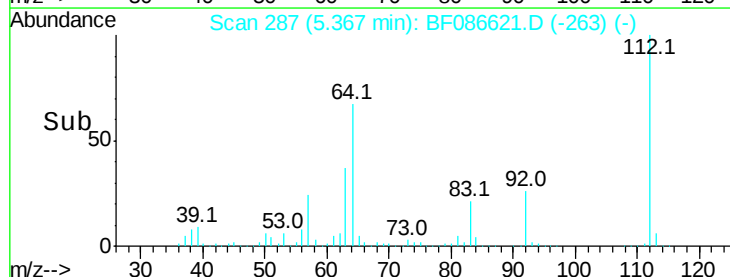
63 36.6 25.7 38.5



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: 115.63 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086621.D

Acq: 2 May 2016 16:58

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-9(0-12FTBGS)

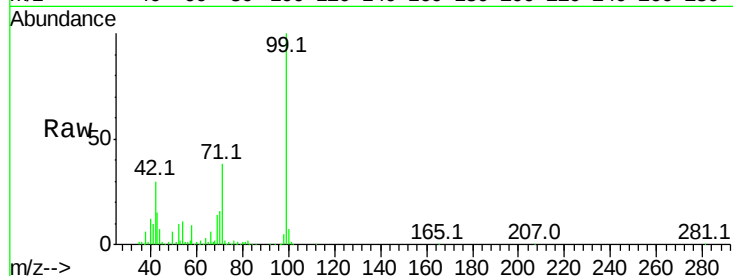
Tot Ion: 99 Resp: 1579105

Ion Ratio Lower Upper

99 100

42 29.5 13.6 20.4#

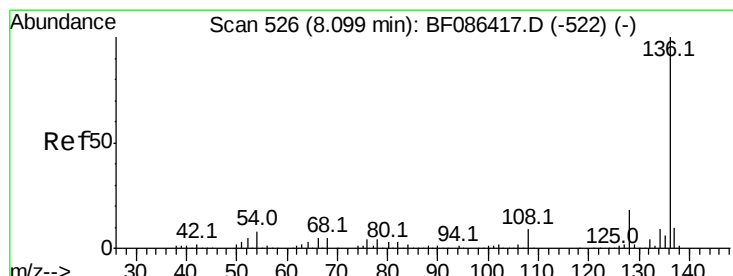
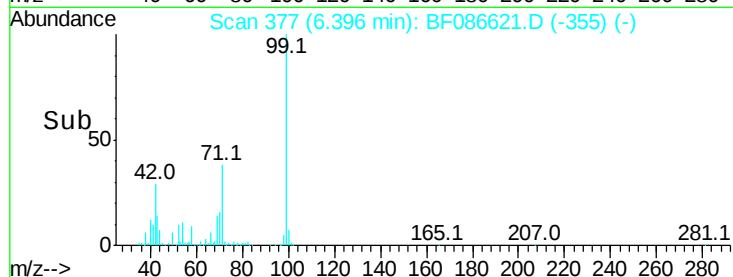
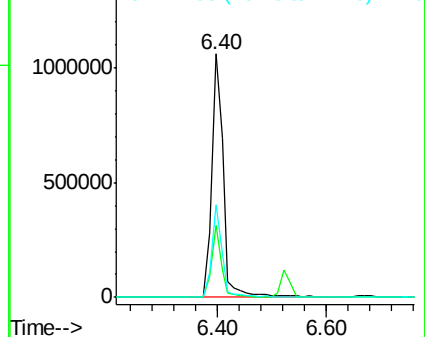
71 37.9 24.6 36.8#



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: 8.04 min Scan# 521

Delta R.T. -0.06 min

Lab File: BF086621.D

Acq: 2 May 2016 16:58

Tgt Ion: 136 Resp: 731857

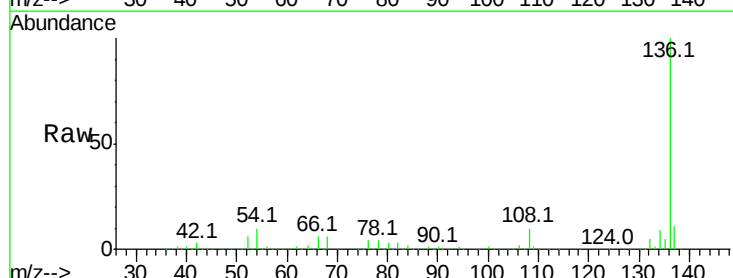
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.2 5.0 7.4#

68 6.1 4.4 6.6

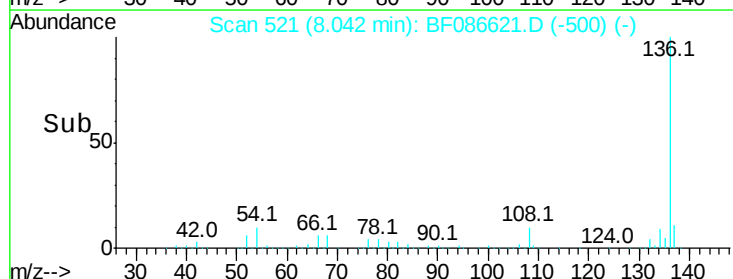
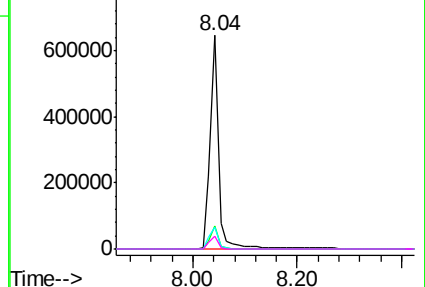


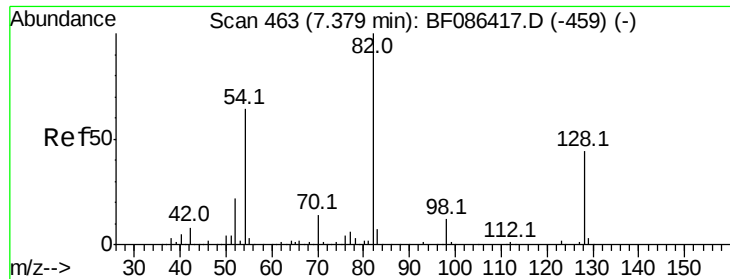
Abundance Ion 136.00 (135.70 to 136.70): E

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

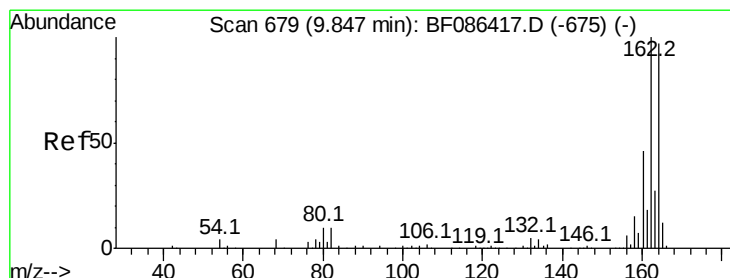
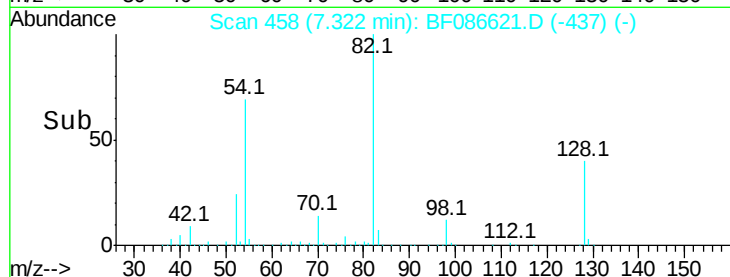
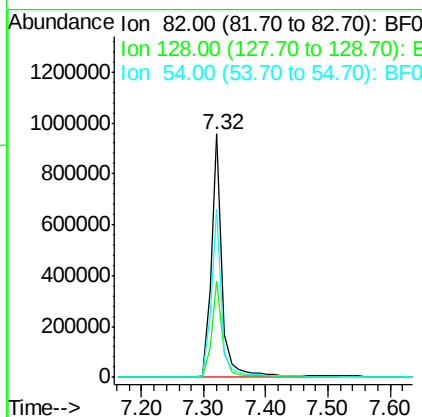
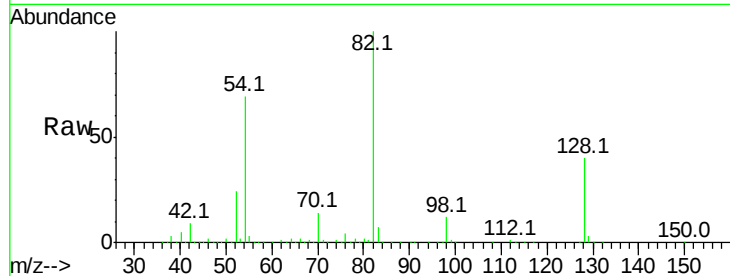




#23
Nitrobenzene-d5
Concen: 85.61 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086621.D
Acq: 2 May 2016 16:58

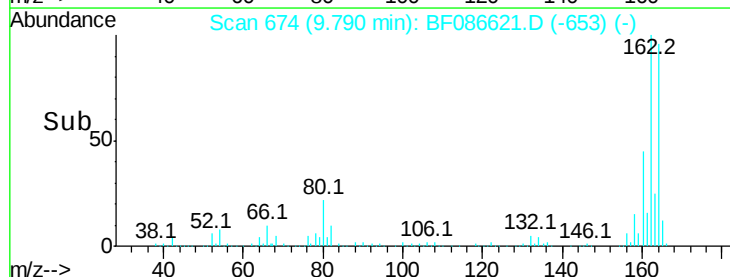
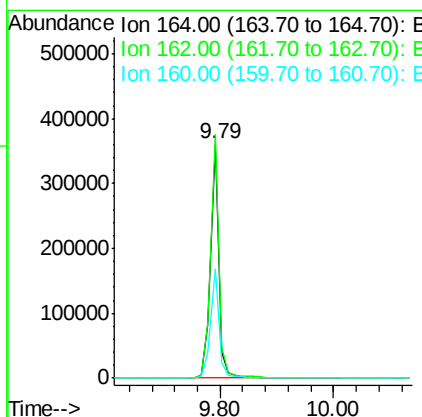
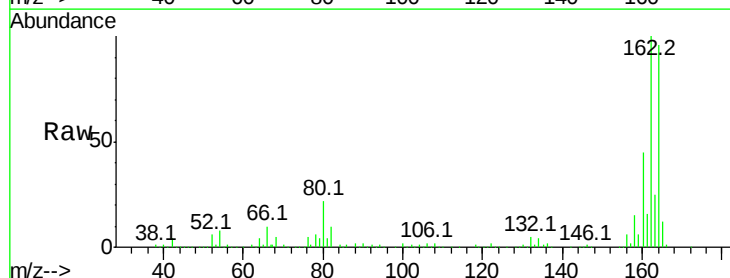
Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-9(0-12FTBGS)

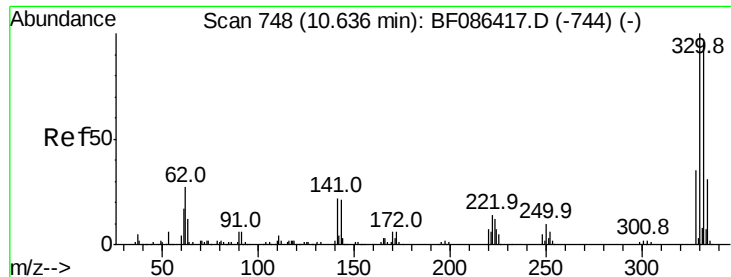
Tot Ion: 82 Resp: 1162376
Ion Ratio Lower Upper
82 100
128 39.5 40.6 61.0#
54 68.9 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086621.D
Acq: 2 May 2016 16:58

Tgt Ion:164 Resp: 353583
Ion Ratio Lower Upper
164 100
162 104.3 82.8 124.2
160 46.5 36.9 55.3

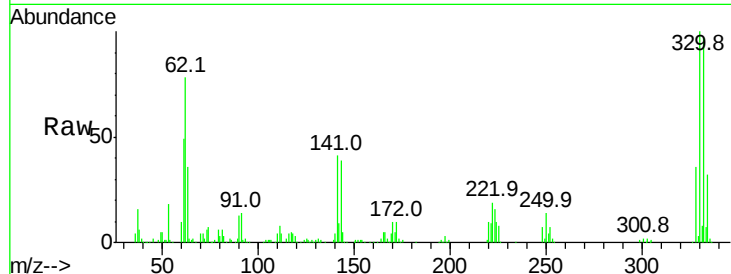




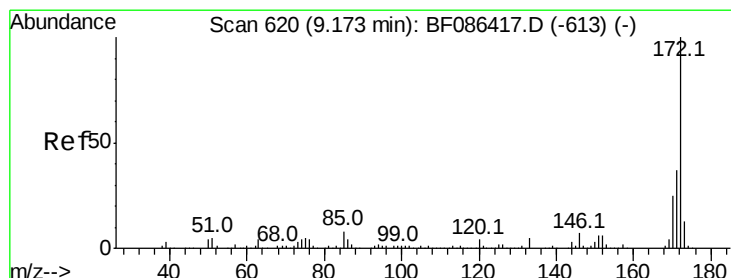
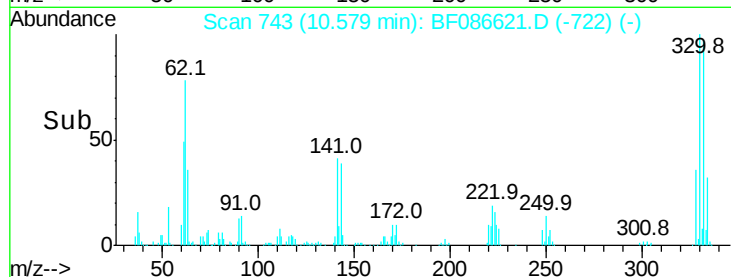
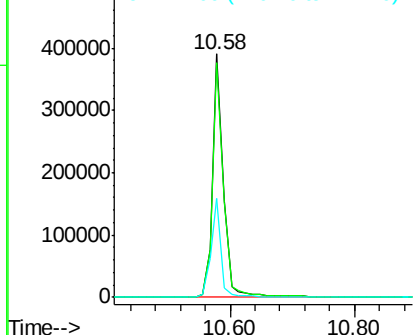
#41
 2,4,6-Tribromophenol
 Concen: 127.72 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086621.D
 Acq: 2 May 2016 16:58

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-9(0-12FTBGS)

Tot Ion:330 Resp: 476253
 Ion Ratio Lower Upper
 330 100
 332 98.3 79.0 118.4
 141 38.0 31.2 46.8

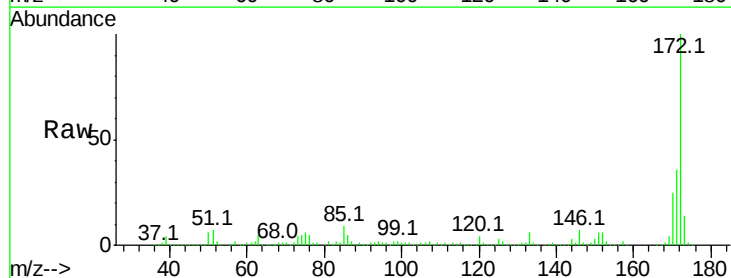


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

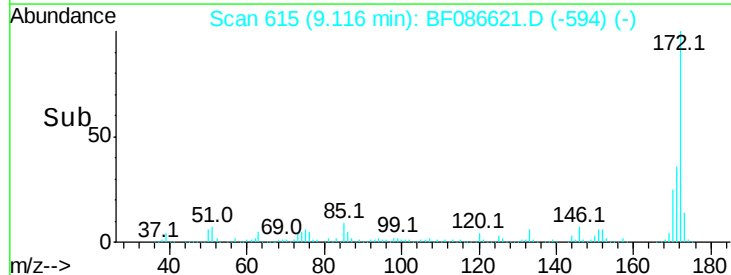
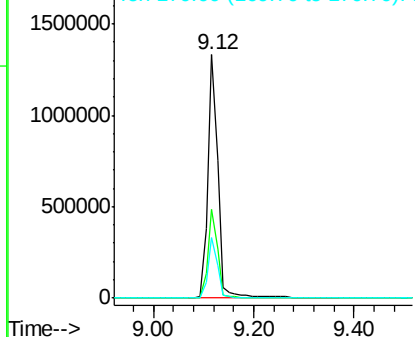


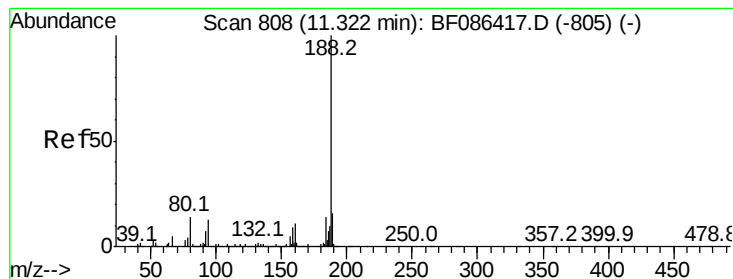
#44
 2-Fluorobiphenyl
 Concen: 94.41 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086621.D
 Acq: 2 May 2016 16:58

Tgt Ion:172 Resp: 1863478
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 25.1 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.06 min

Lab File: BF086621.D

Acq: 2 May 2016 16:58

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-9(0-12FTBGS)

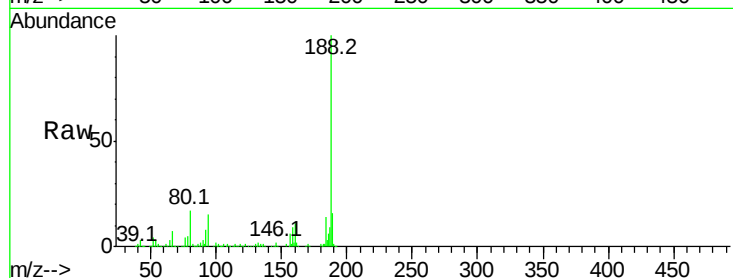
Tot Ion:188 Resp: 690122

Ion Ratio Lower Upper

188 100

94 14.5 6.8 10.2#

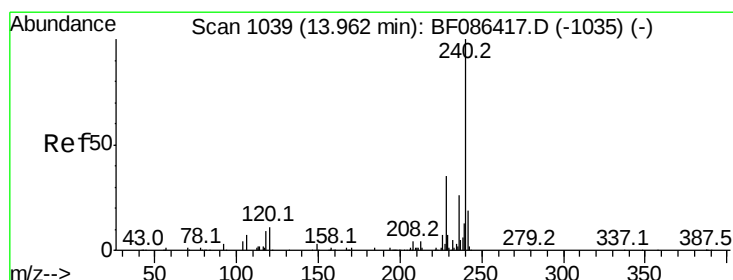
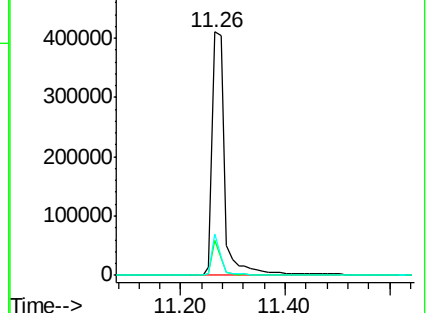
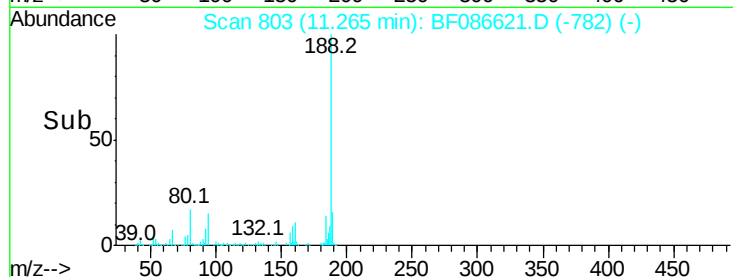
80 16.7 7.1 10.7#



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. -0.07 min

Lab File: BF086621.D

Acq: 2 May 2016 16:58

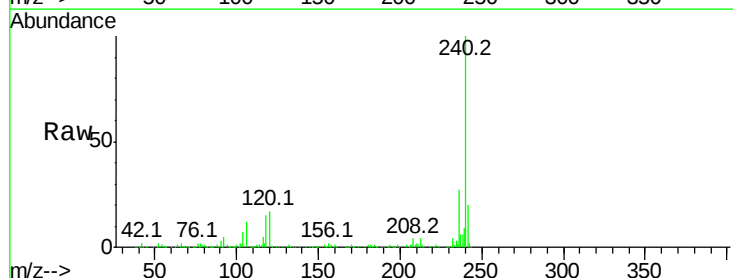
Tgt Ion:240 Resp: 598710

Ion Ratio Lower Upper

240 100

120 17.2 11.2 16.8#

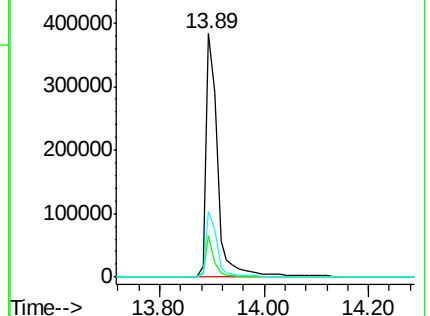
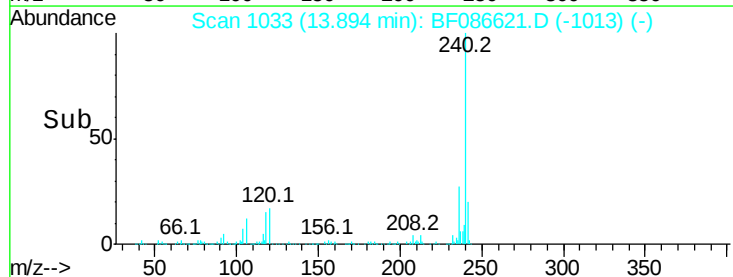
236 26.8 21.2 31.8

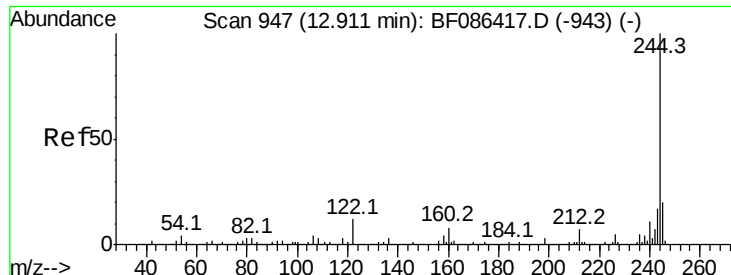


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.03 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086621.D

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26WARD-3-CS-9(0-12FTBGS)

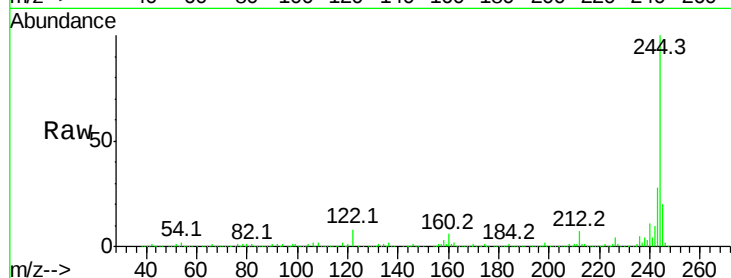
Tot Ion:244 Resp: 2174756

Ion Ratio Lower Upper

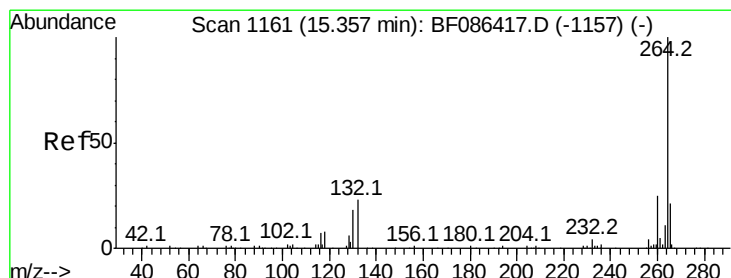
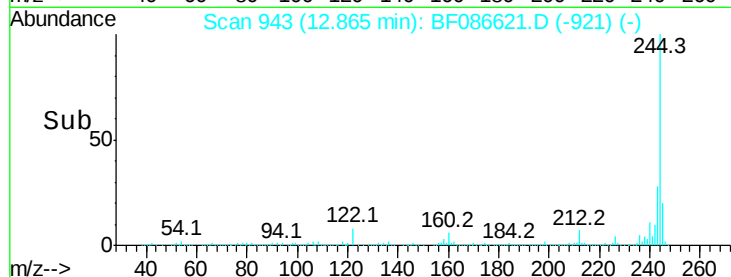
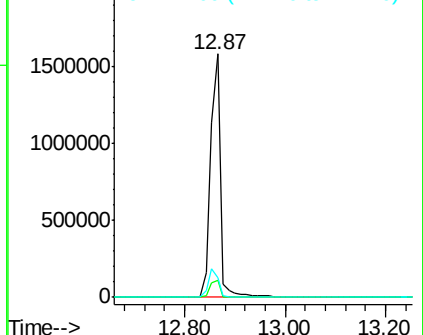
244 100

212 7.2 6.2 9.2

122 7.9 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. -0.07 min

Lab File: BF086621.D

Acq: 2 May 2016 16:58

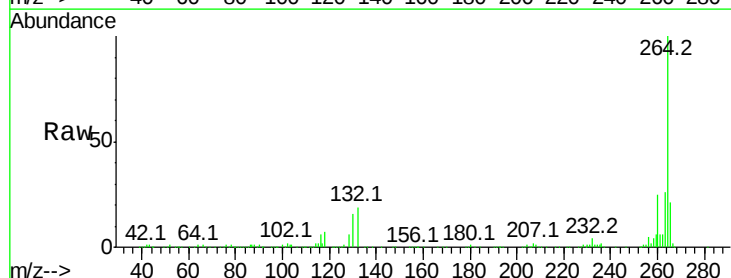
Tgt Ion:264 Resp: 382460

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 20.6 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

