

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050216\
 Data File : BF086619.D
 Acq On : 2 May 2016 16:00
 Operator : UM/SJ
 Sample : H2716-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-2(0-12FTBGS)

Quant Time: May 03 01:36:38 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	6.76	152	167246	20.00	ng	-0.05
21) Naphthalene-d8	8.04	136	737863	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	357427	20.00	ng	-0.06
63) Phenanthrene-d10	11.27	188	701772	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	601102	20.00	ng	-0.07
86) Perylene-d12	15.29	264	436064	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1300998	134.18	ng	-0.02
7) Phenol-d6	6.41	99	1695073	125.26	ng	-0.03
23) Nitrobenzene-d5	7.32	82	1124496	82.14	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	482883	128.11	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1833765	91.19	ng	-0.06
78) Terphenyl-d14	12.87	244	2174495	79.70	ng	-0.05

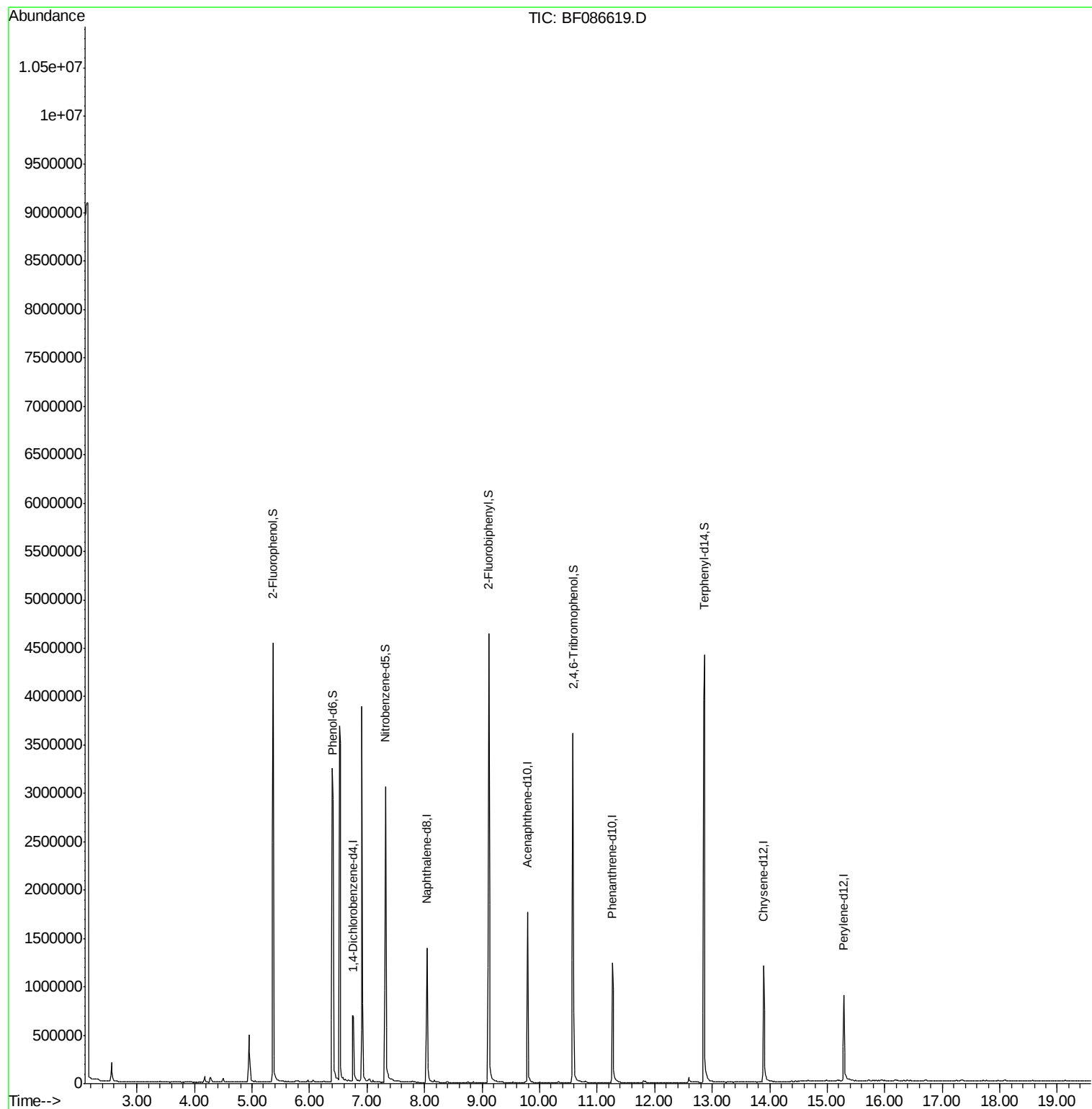
Target Compounds Qvalue

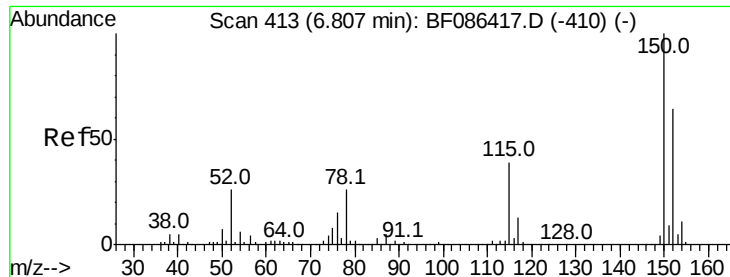
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086619.D

Acq: 2 May 2016 16:00

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-2(0-12FTBGS)

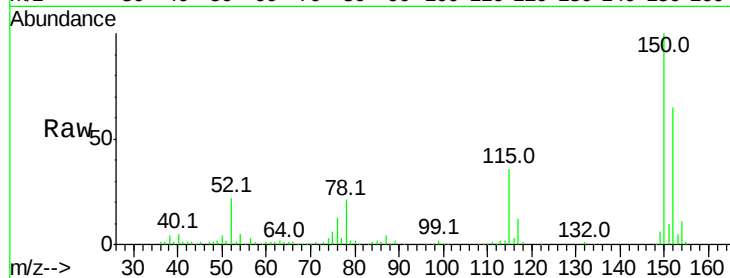
Tot Ion:152 Resp: 167246

Ion Ratio Lower Upper

152 100

150 154.7 125.8 188.6

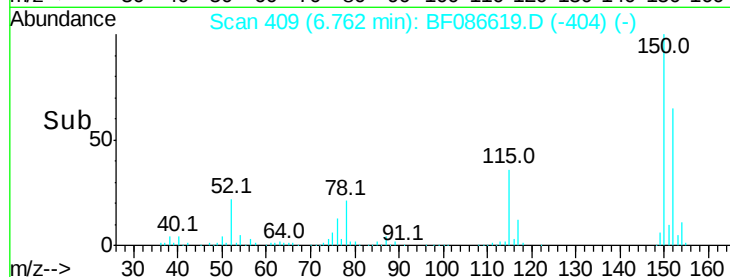
115 55.3 51.5 77.3



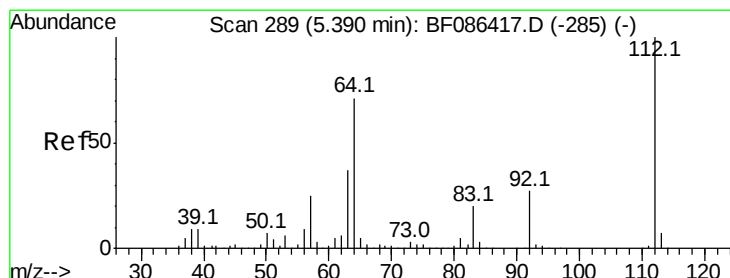
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 134.18 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086619.D

Acq: 2 May 2016 16:00

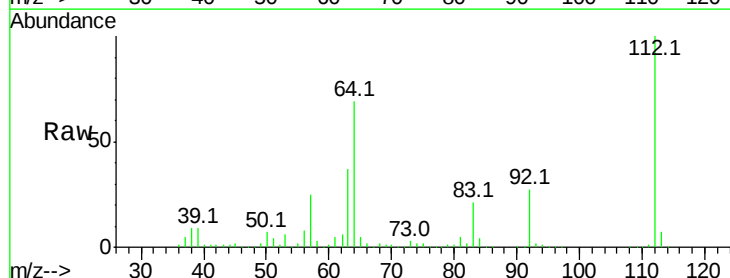
Tgt Ion:112 Resp: 1300998

Ion Ratio Lower Upper

112 100

64 68.8 52.1 78.1

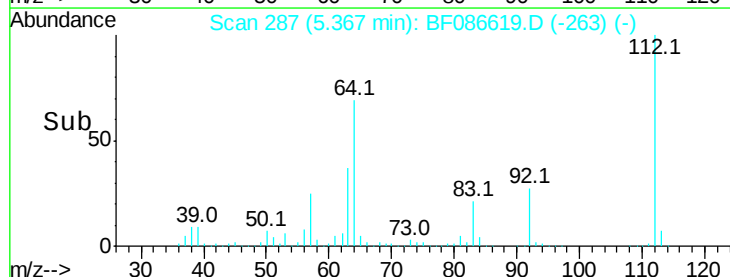
63 37.1 25.7 38.5



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



Time-->



#7

Phenol-d6

Concen: 125.26 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086619.D

Acq: 2 May 2016 16:00

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-2(0-12FTBGS)

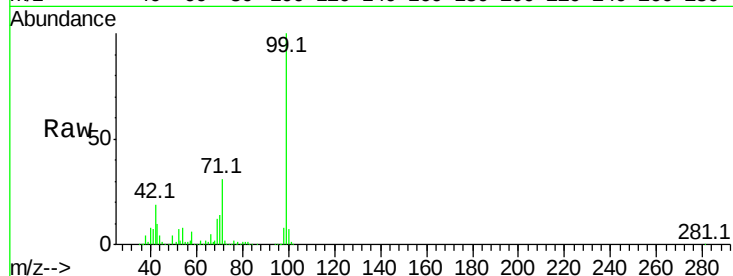
Tot Ion: 99 Resp: 1695073

Ion Ratio Lower Upper

99 100

42 19.3 13.6 20.4

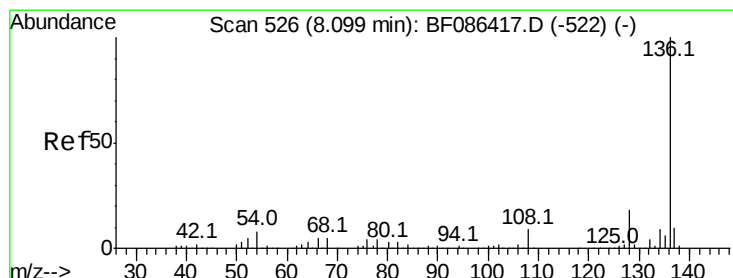
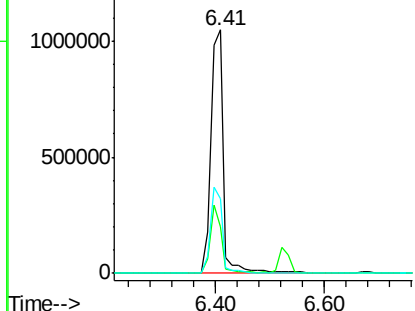
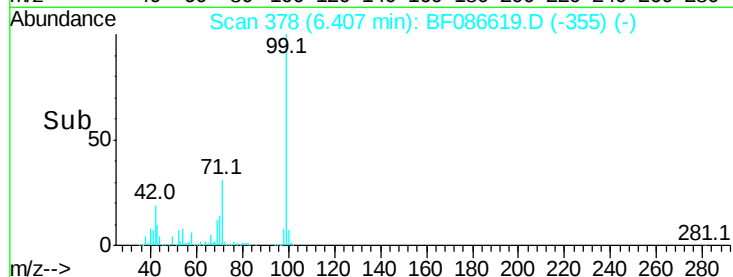
71 30.8 24.6 36.8



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: BF086619.D

Acq: 2 May 2016 16:00

Tgt Ion: 136 Resp: 737863

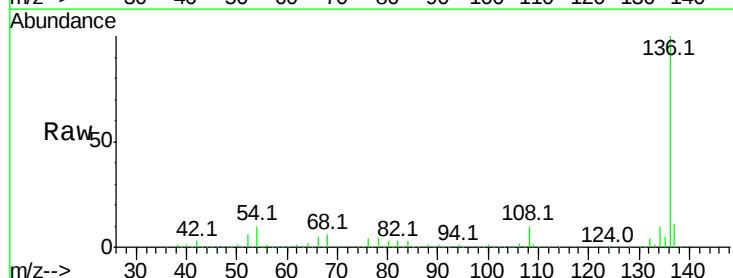
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.2 5.0 7.4#

68 6.0 4.4 6.6

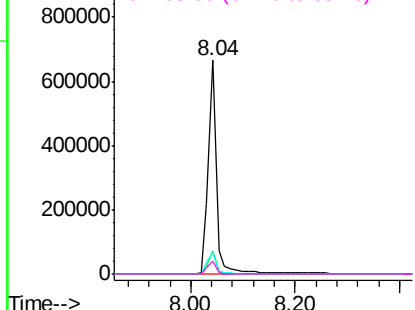
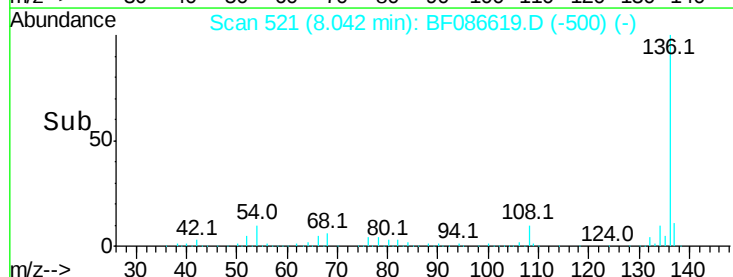


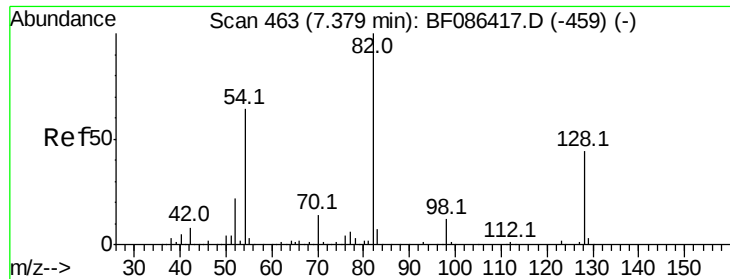
Abundance Ion 136.00 (135.70 to 136.70): E

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

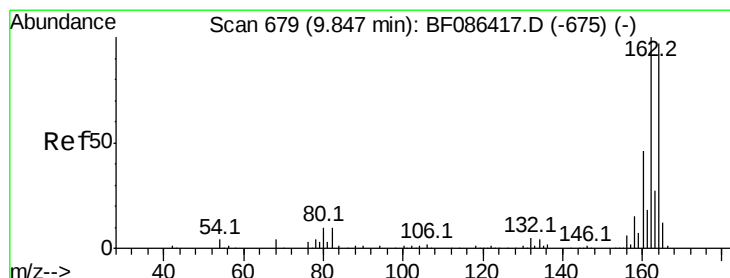
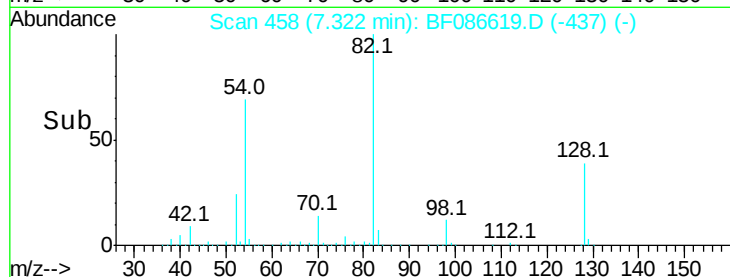
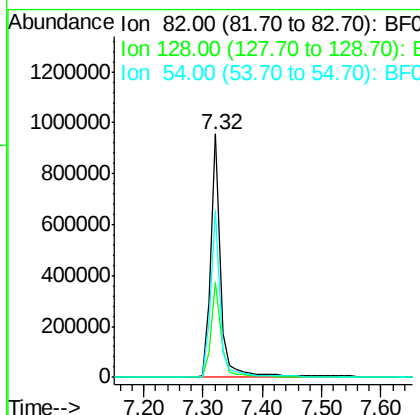
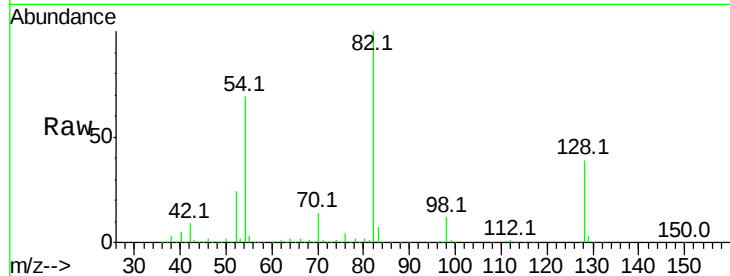




#23
Nitrobenzene-d5
Concen: 82.14 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086619.D
Acq: 2 May 2016 16:00

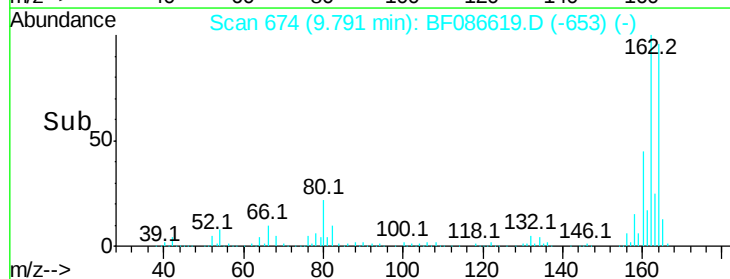
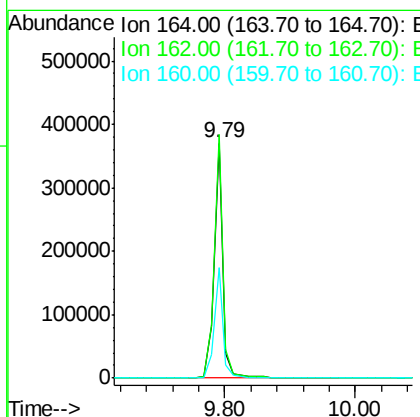
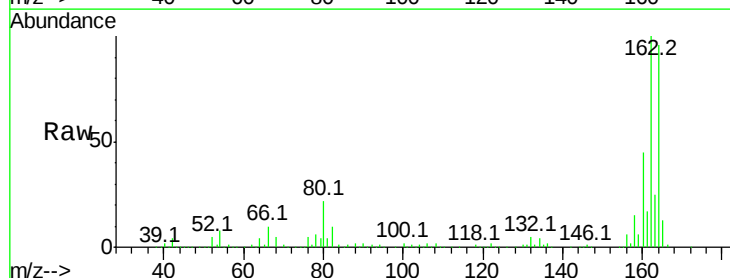
Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-2(0-12FTBGS)

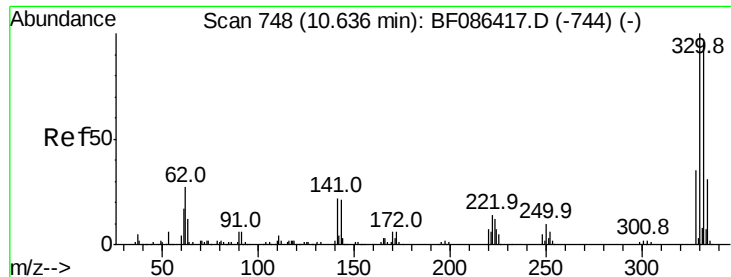
Tot Ion: 82 Resp: 1124496
Ion Ratio Lower Upper
82 100
128 39.2 40.6 61.0#
54 68.6 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086619.D
Acq: 2 May 2016 16:00

Tgt Ion:164 Resp: 357427
Ion Ratio Lower Upper
164 100
162 103.6 82.8 124.2
160 47.0 36.9 55.3

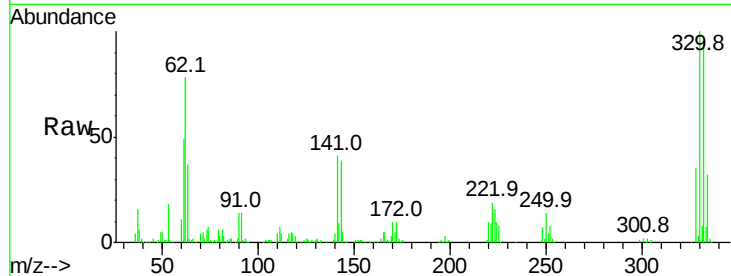




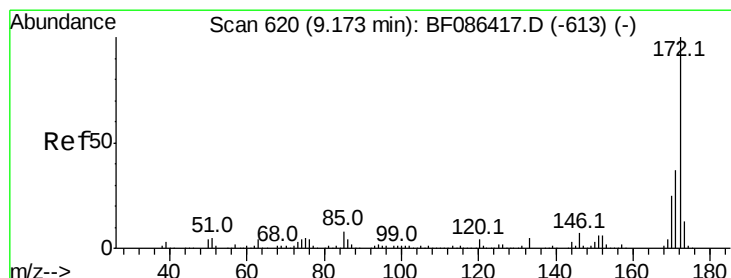
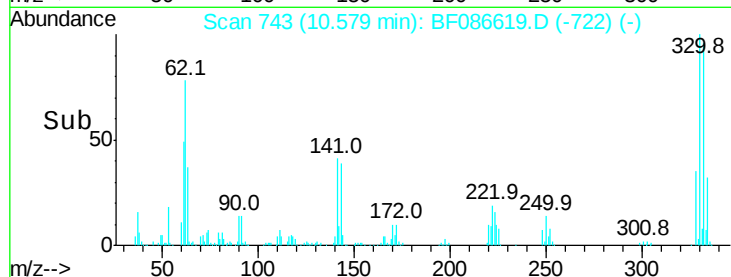
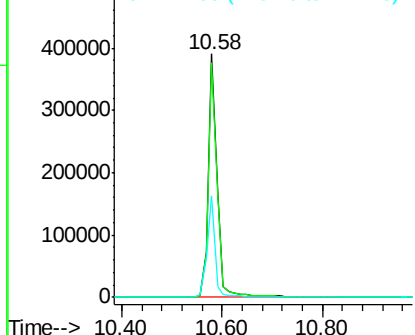
#41
 2,4,6-Tribromophenol
 Concen: 128.11 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086619.D
 Acq: 2 May 2016 16:00

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-2(0-12FTBGS)

Tot Ion:330 Resp: 482883
 Ion Ratio Lower Upper
 330 100
 332 95.5 79.0 118.4
 141 37.7 31.2 46.8

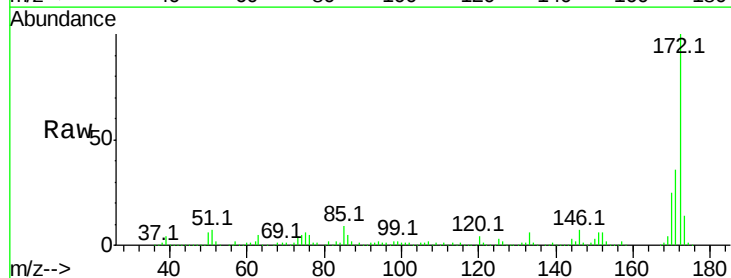


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

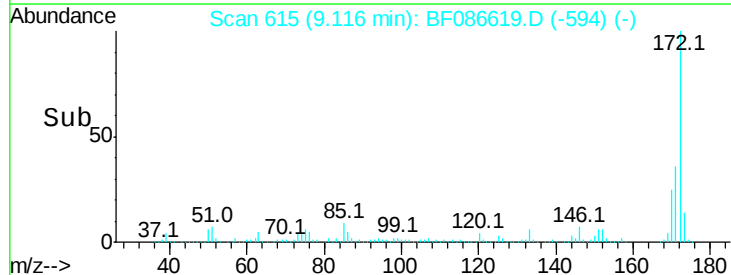
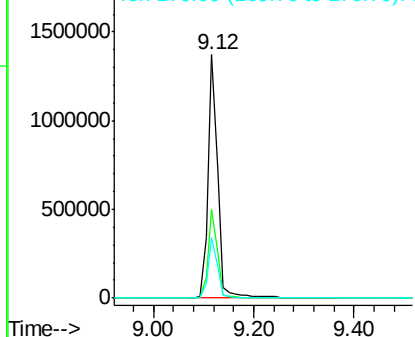


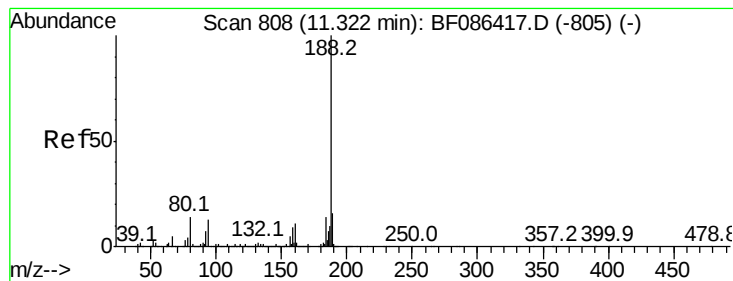
#44
 2-Fluorobiphenyl
 Concen: 91.19 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086619.D
 Acq: 2 May 2016 16:00

Tgt Ion:172 Resp: 1833765
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.8 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: 11.27 min Scan# 803

Delta R.T. -0.06 min

Lab File: BF086619.D

Acq: 2 May 2016 16:00

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-2(0-12FTBGS)

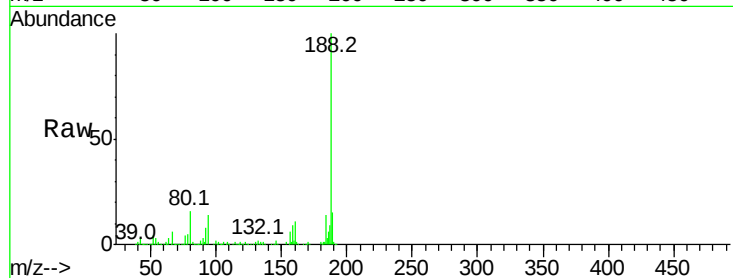
Tot Ion:188 Resp: 701772

Ion Ratio Lower Upper

188 100

94 14.4 6.8 10.2#

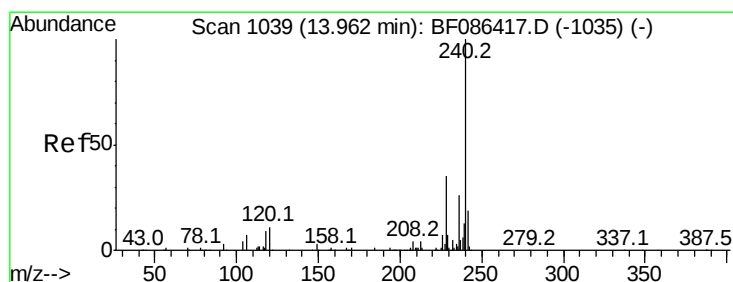
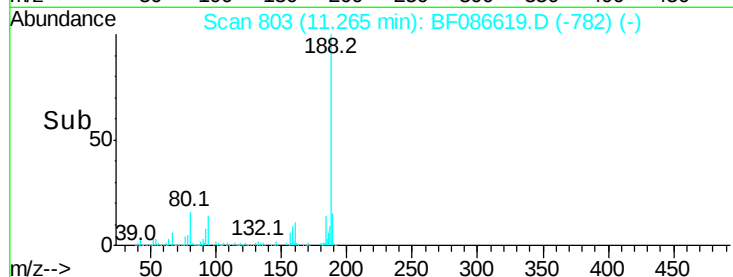
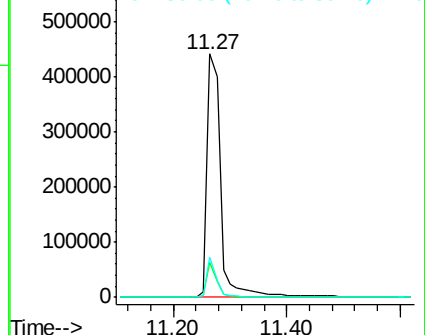
80 16.2 7.1 10.7#



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: BF086619.D

Acq: 2 May 2016 16:00

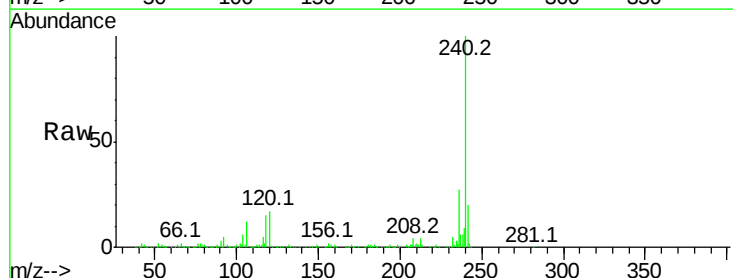
Tgt Ion:240 Resp: 601102

Ion Ratio Lower Upper

240 100

120 16.9 11.2 16.8#

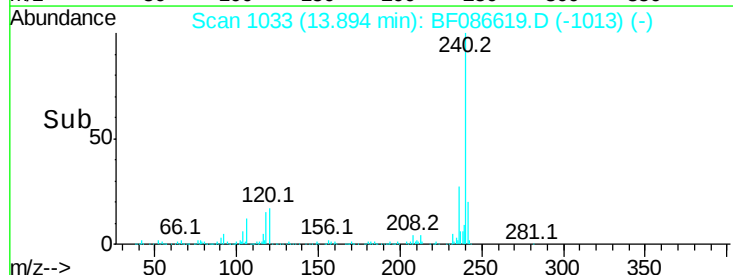
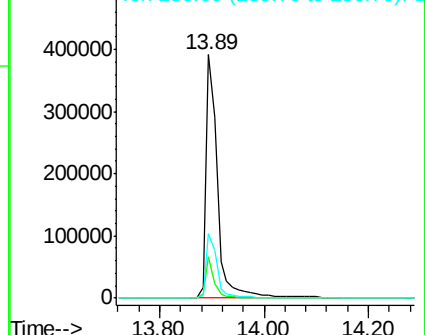
236 26.6 21.2 31.8

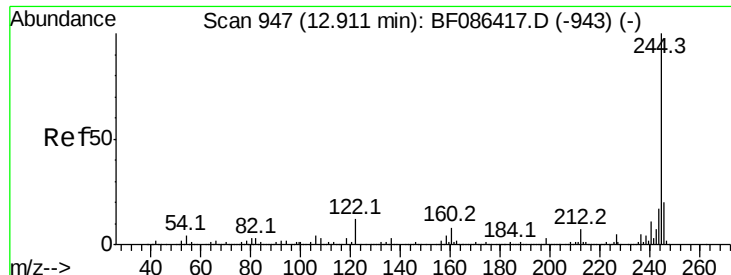


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.70 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086619.D

Acq: 2 May 2016 16:00

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-2(0-12FTBGS)

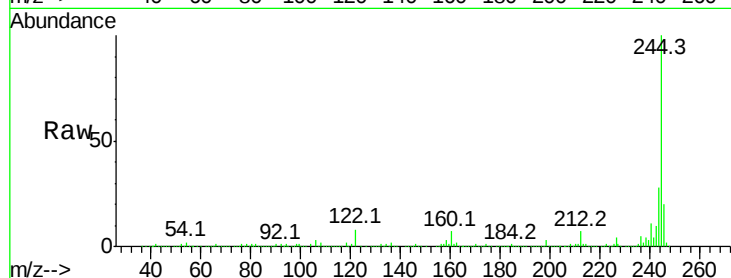
Tot Ion:244 Resp: 2174495

Ion Ratio Lower Upper

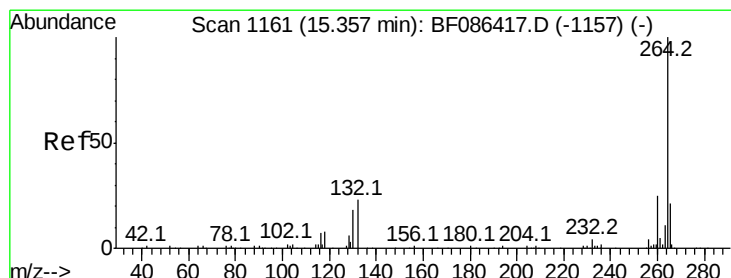
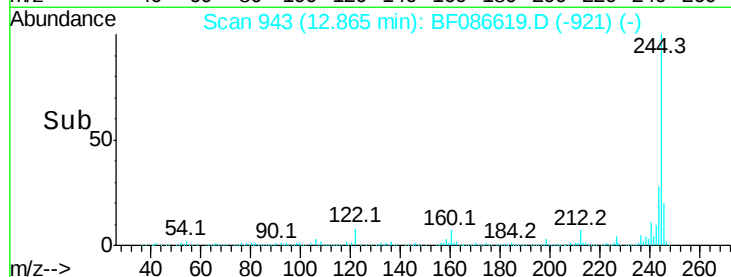
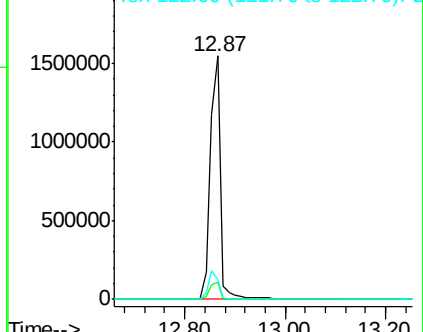
244 100

212 7.1 6.2 9.2

122 8.0 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: BF086619.D

Acq: 2 May 2016 16:00

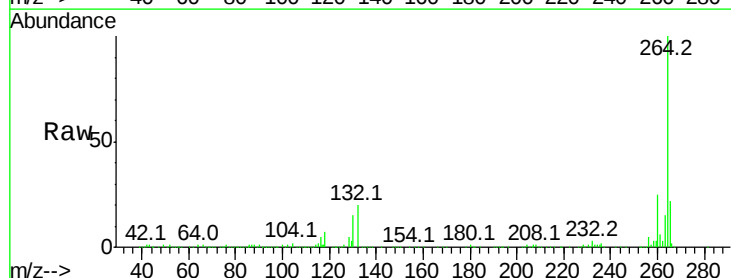
Tgt Ion:264 Resp: 436064

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.5 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

