

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087169.D
 Acq On : 19 May 2016 4:19
 Operator : UM/SJ
 Sample : H3105-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-21

Quant Time: May 19 05:03:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 04:41:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	121440	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	491786	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	233565	20.00	ng	-0.01
63) Phenanthrene-d10	11.08	188	389039	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	302291	20.00	ng	-0.01
86) Perylene-d12	15.06	264	296589	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	506026	70.04	ng	0.00
7) Phenol-d6	6.24	99	443710	45.79	ng	-0.01
23) Nitrobenzene-d5	7.15	82	922870	93.53	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	279328	108.22	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	1505906	106.78	ng	0.00
78) Terphenyl-d14	12.67	244	1205016	90.17	ng	0.00

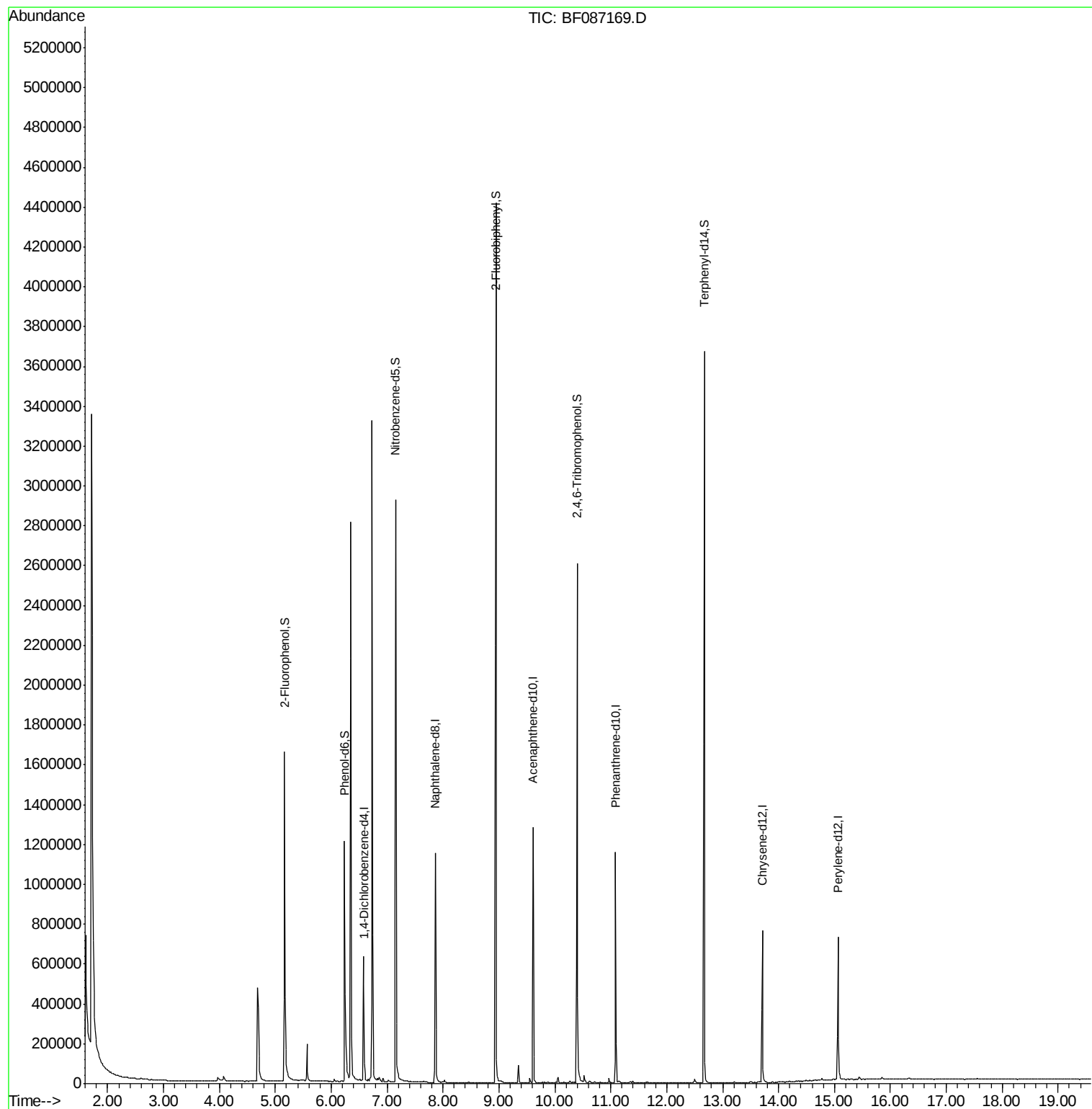
Target Compounds Qvalue

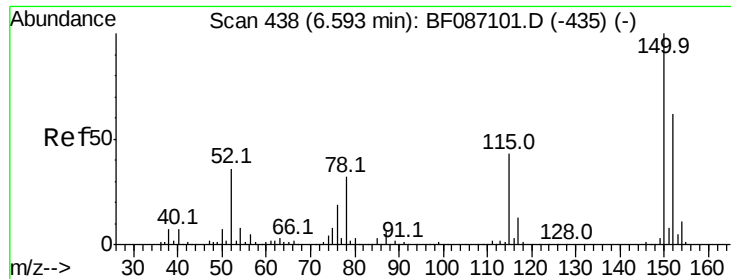
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF087169.D

Acq: 19 May 2016 4:19

Instrument :

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ClientSampleId :

W-21

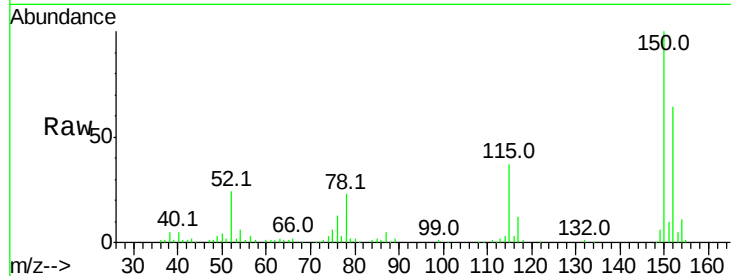
Tot Ion:152 Resp: 121440

Ion Ratio Lower Upper

152 100

150 156.1 125.8 188.6

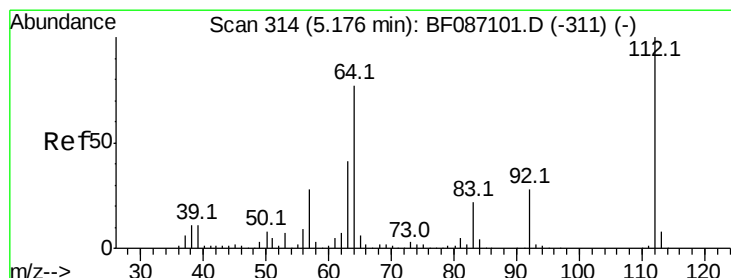
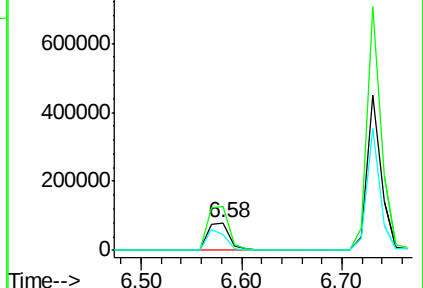
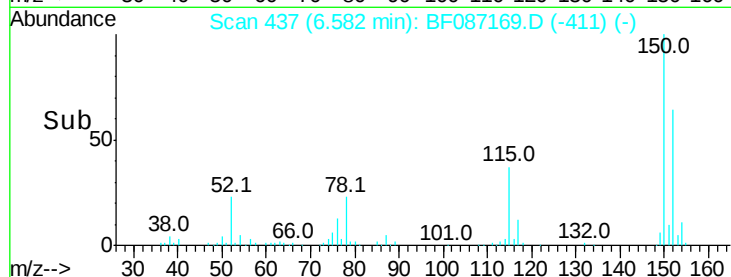
115 57.2 51.5 77.3



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: 70.04 ng

RT: 5.16 min Scan# 313

Delta R.T. 0.00 min

Lab File: BF087169.D

Acq: 19 May 2016 4:19

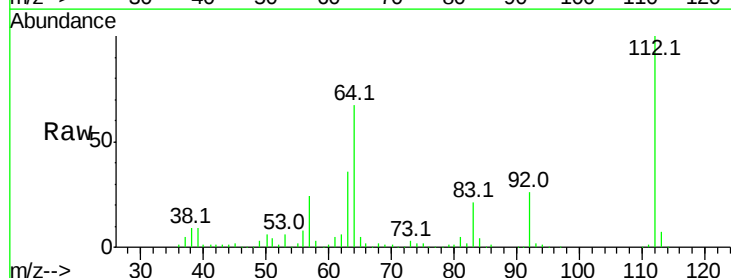
Tgt Ion:112 Resp: 506026

Ion Ratio Lower Upper

112 100

64 67.2 52.1 78.1

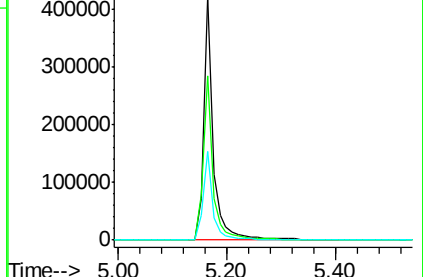
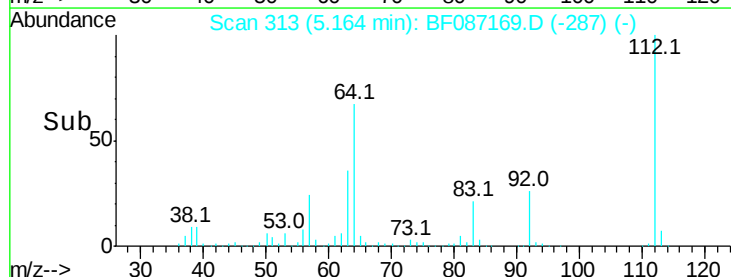
63 36.5 25.7 38.5

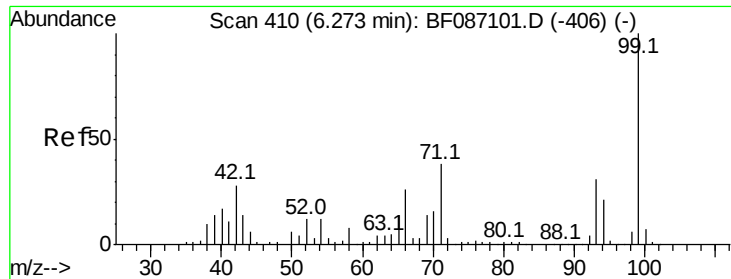


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.79 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF087169.D

Acq: 19 May 2016 4:19

Instrument :

BNA_F

ClientSampleId :

W-21

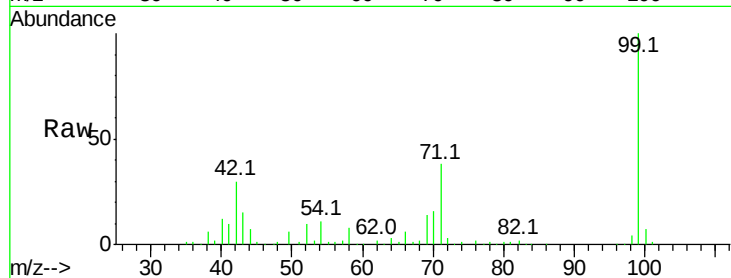
Tot Ion: 99 Resp: 443710

Ion Ratio Lower Upper

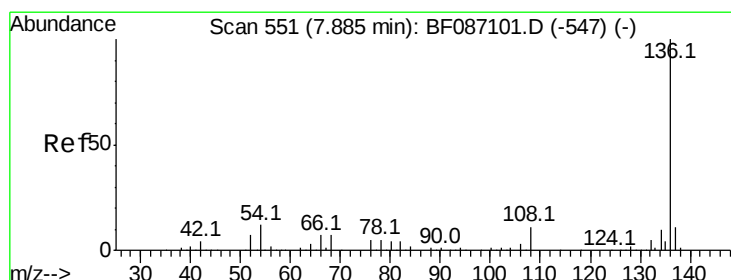
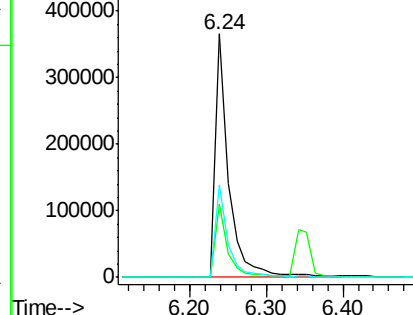
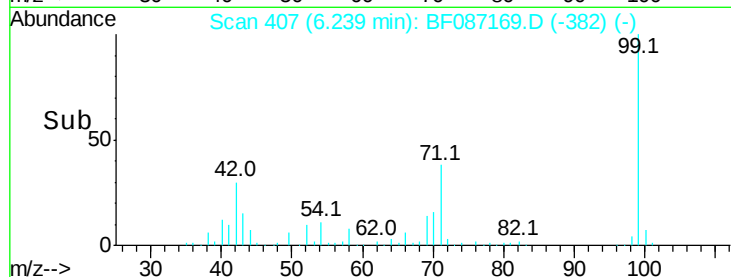
99 100

42 29.9 13.6 20.4#

71 38.0 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: 7.86 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF087169.D

Acq: 19 May 2016 4:19

Tgt Ion: 136 Resp: 491786

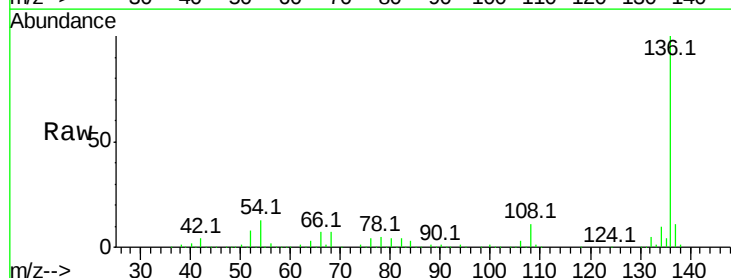
Ion Ratio Lower Upper

136 100

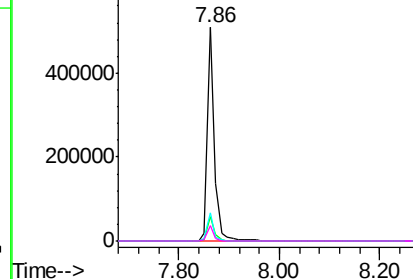
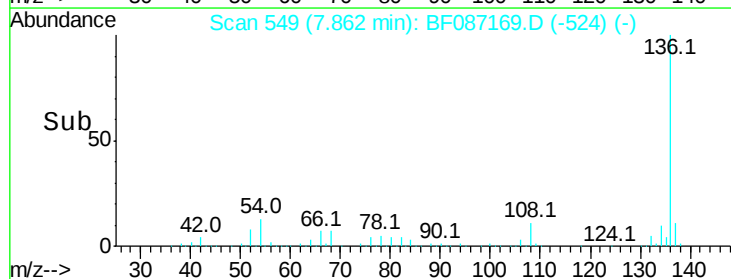
137 11.1 8.8 13.2

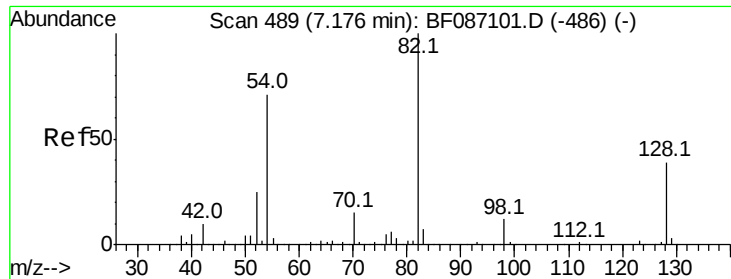
54 13.2 5.0 7.4#

68 6.9 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

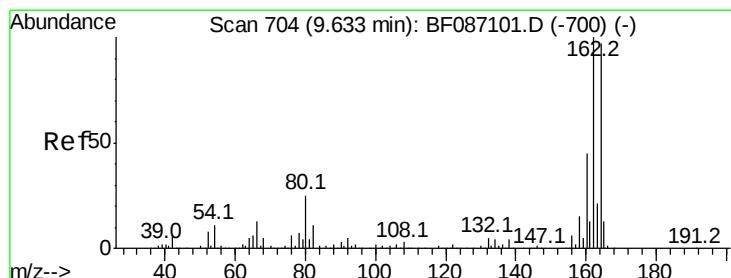
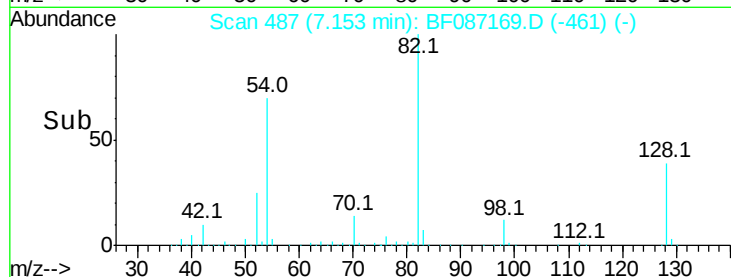
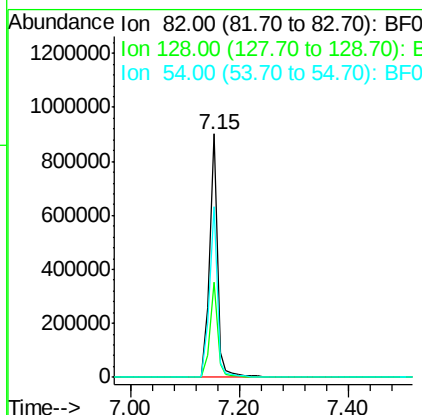
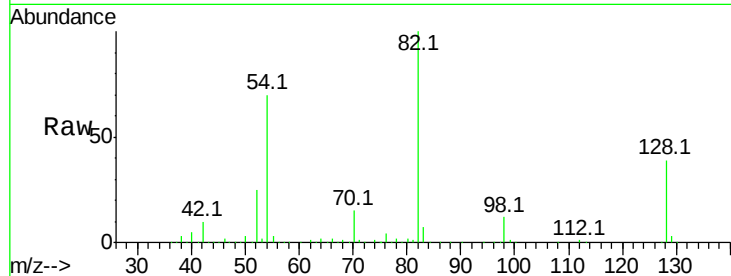




#23
 Nitrobenzene-d5
 Concen: 93.53 ng
 RT: 7.15 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF087169.D
 Acq: 19 May 2016 4:19

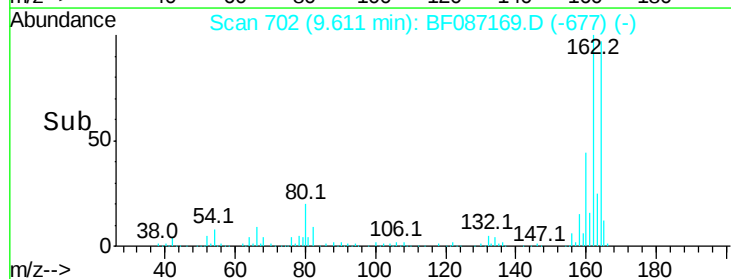
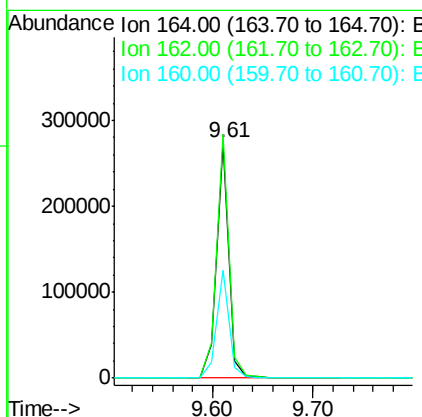
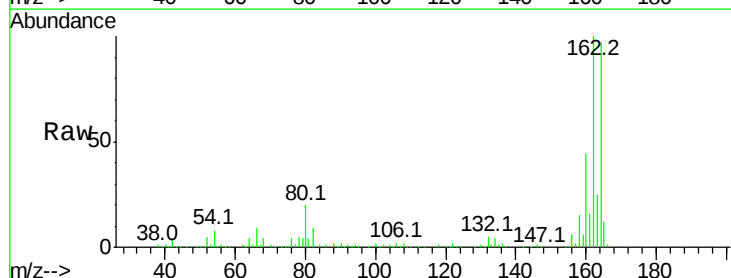
Instrument :
 BNA_F
 ClientSampleId :
 W-21

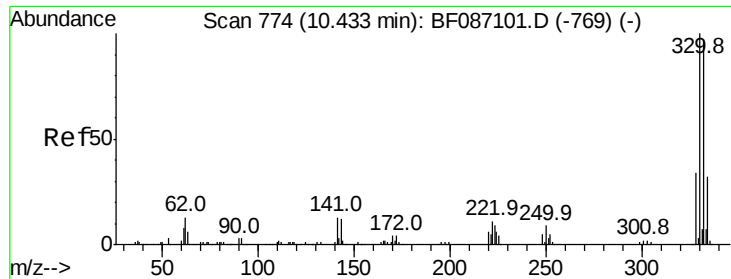
Tot Ion: 82 Resp: 922870
 Ion Ratio Lower Upper
 82 100
 128 39.2 40.6 61.0#
 54 70.3 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF087169.D
 Acq: 19 May 2016 4:19

Tgt Ion:164 Resp: 233565
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.8 124.2
 160 45.8 36.9 55.3

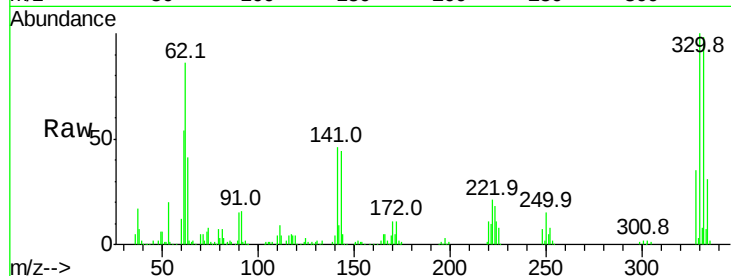




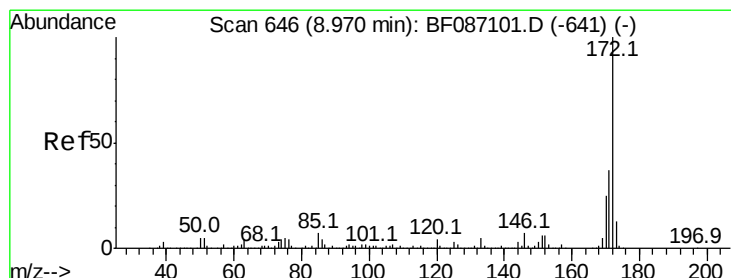
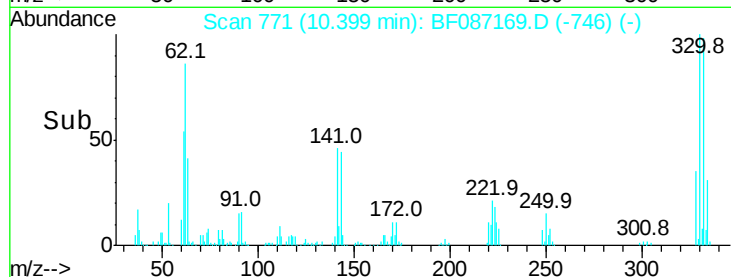
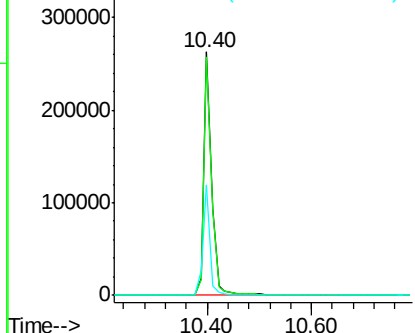
#41
 2,4,6-Tribromophenol
 Concen: 108.22 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF087169.D
 Acq: 19 May 2016 4:19

Instrument :
 BNA_F
 ClientSampleId :
 W-21

Tot Ion:330 Resp: 279328
 Ion Ratio Lower Upper
 330 100
 332 97.6 79.0 118.4
 141 40.8 31.2 46.8

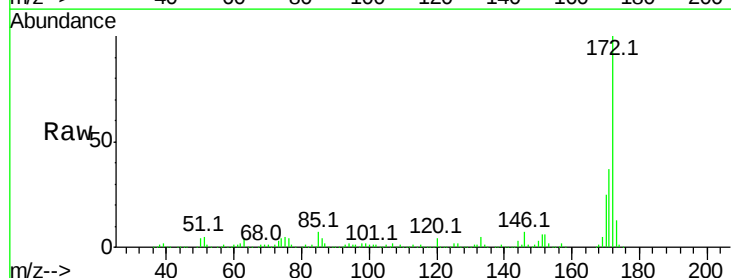


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

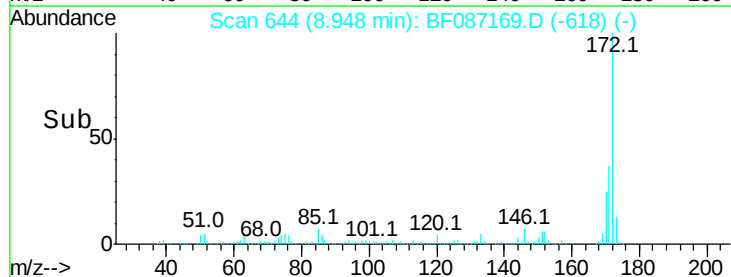
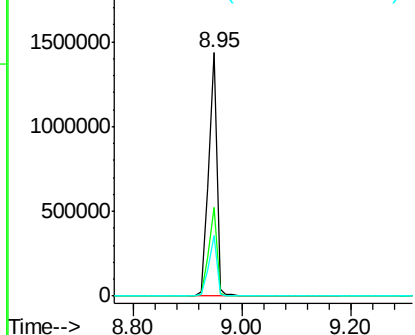


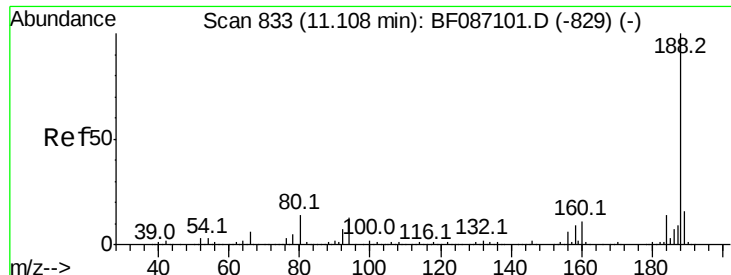
#44
 2-Fluorobiphenyl
 Concen: 106.78 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF087169.D
 Acq: 19 May 2016 4:19

Tgt Ion:172 Resp: 1505906
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.7 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

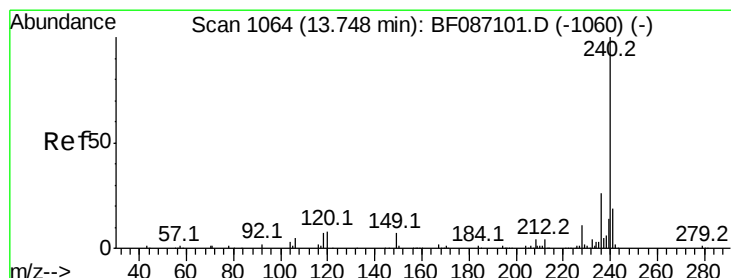
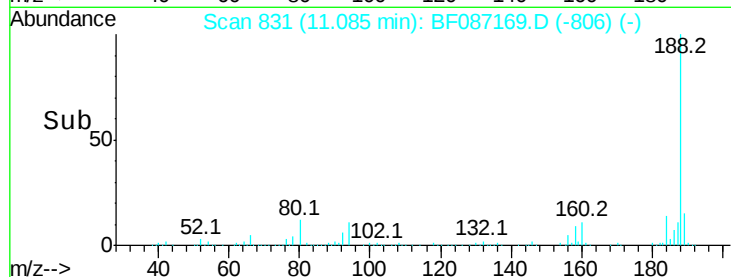
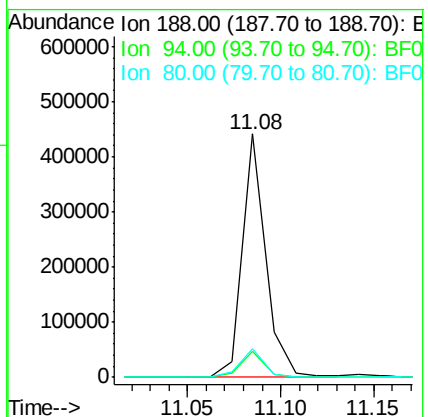
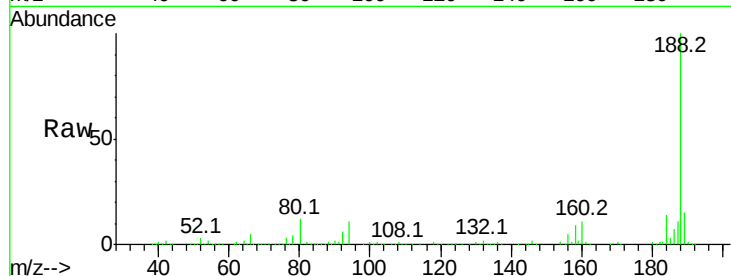




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

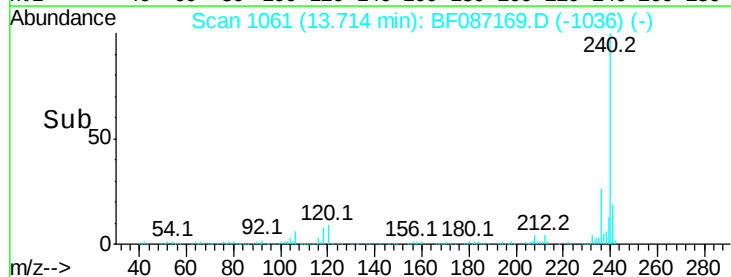
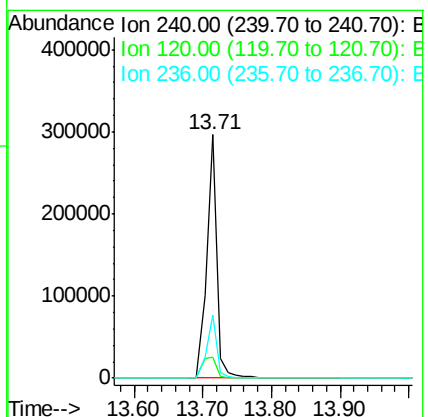
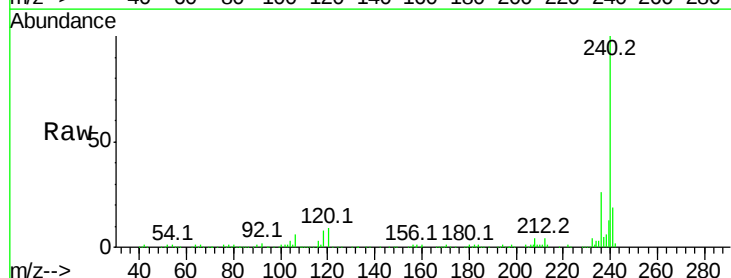
Instrument :
BNA_F
ClientSampleId :
W-21

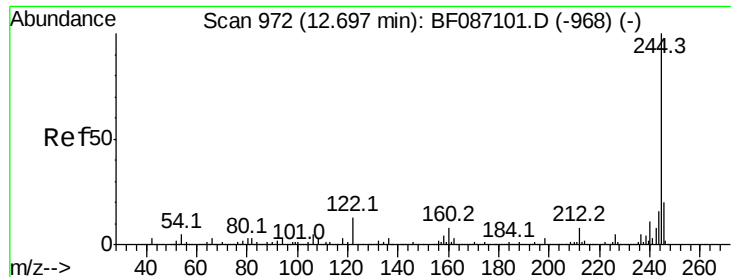
Tot Ion:188 Resp: 389039
Ion Ratio Lower Upper
188 100
94 10.6 6.8 10.2#
80 11.8 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF087169.D
Acq: 19 May 2016 4:19

Tgt Ion:240 Resp: 302291
Ion Ratio Lower Upper
240 100
120 8.6 11.2 16.8#
236 25.8 21.2 31.8





#78

Terphenyl-d14

Concen: 90.17 ng

RT: 12.67 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF087169.D

Acq: 19 May 2016 4:19

Instrument :

BNA_F

ClientSampleId :

W-21

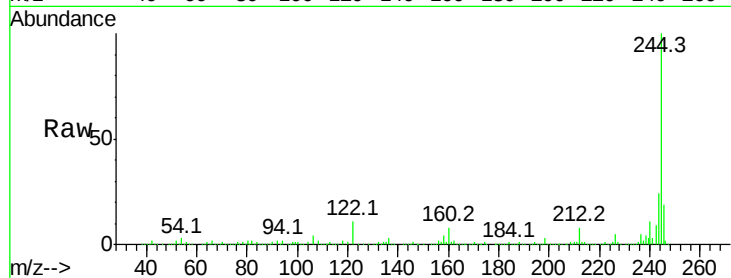
Tot Ion:244 Resp: 1205016

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

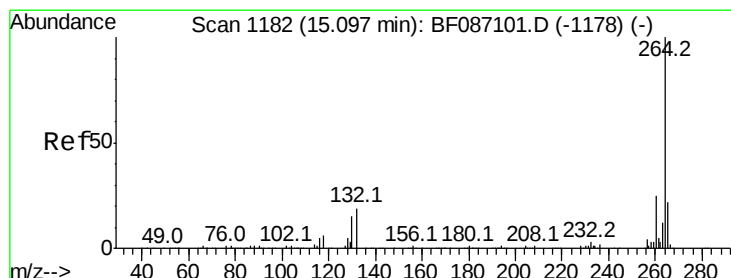
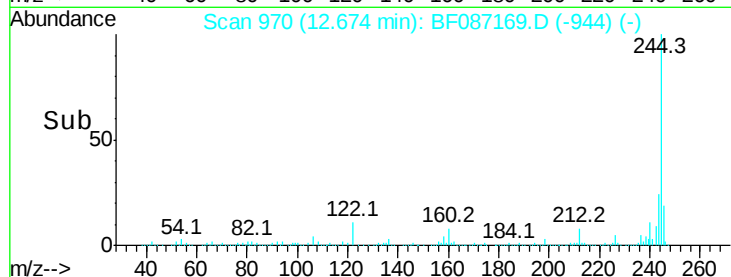
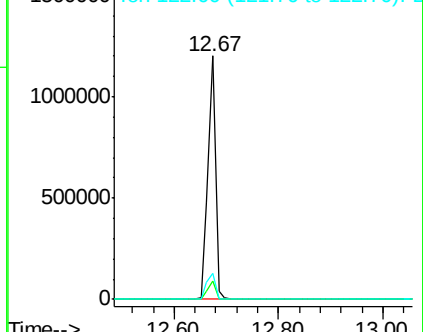
122 10.9 12.0 18.0#



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: 15.06 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF087169.D

Acq: 19 May 2016 4:19

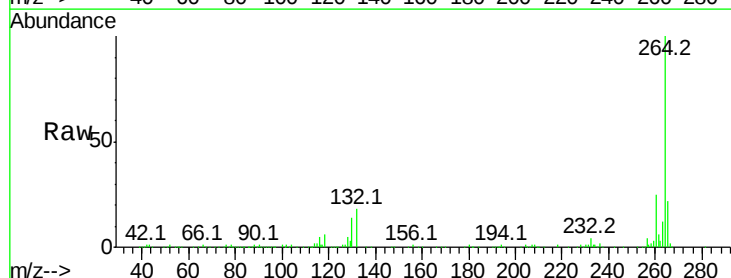
Tgt Ion:264 Resp: 296589

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.7 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

