

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087167.D
 Acq On : 19 May 2016 3:21
 Operator : UM/SJ
 Sample : PB90659BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90659BL

Quant Time: May 19 04:56:43 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	116215	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	477965	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	223114	20.00	ng	-0.01
63) Phenanthrene-d10	11.08	188	396569	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	292258	20.00	ng	-0.01
86) Perylene-d12	15.06	264	283737	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	843261	121.96	ng	0.00
7) Phenol-d6	6.24	99	1088781	117.41	ng	-0.01
23) Nitrobenzene-d5	7.15	82	794971	82.89	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	244188	99.04	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	1243208	92.28	ng	0.00
78) Terphenyl-d14	12.67	244	1053625	81.55	ng	0.00

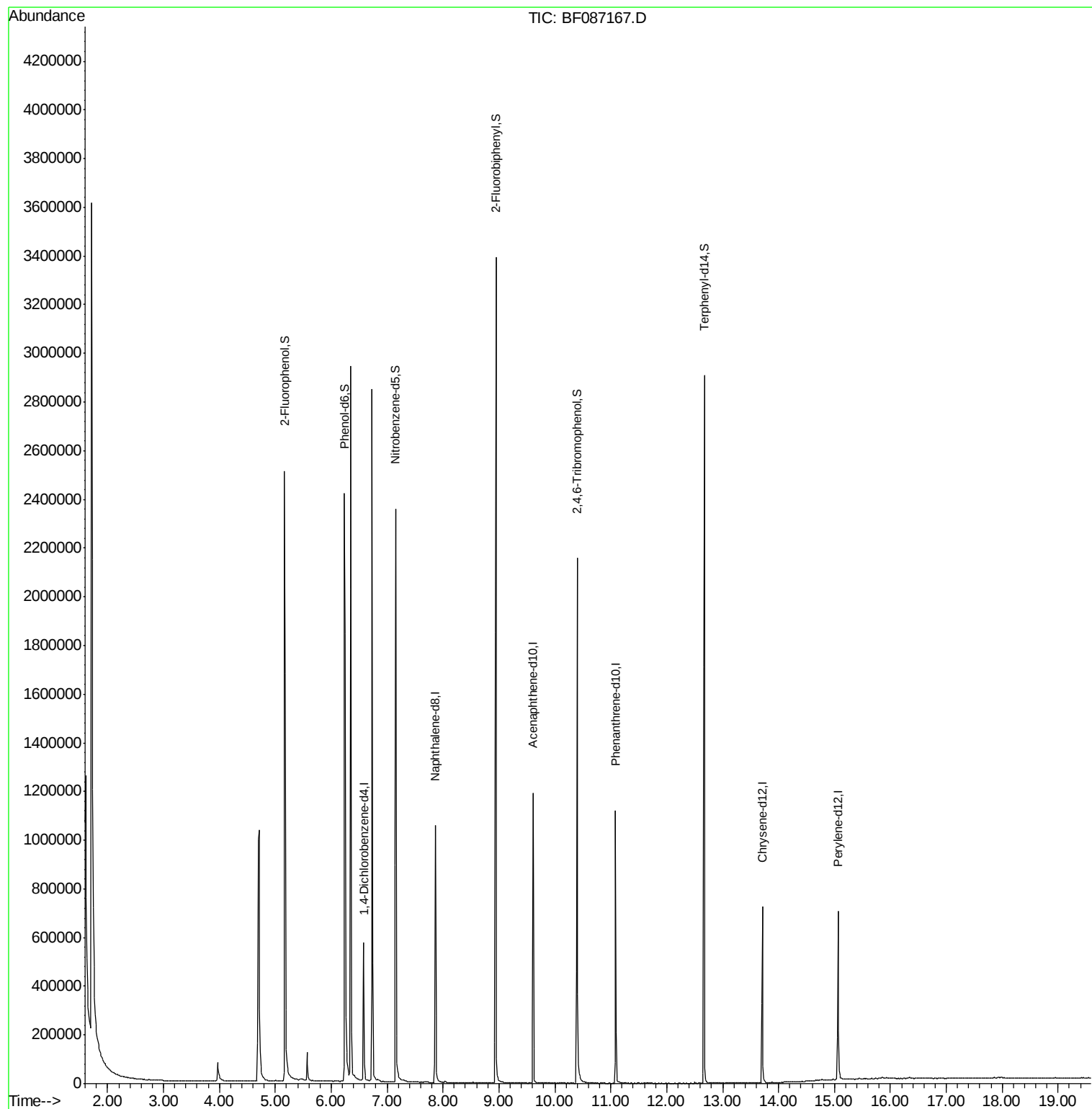
Target Compounds Qvalue

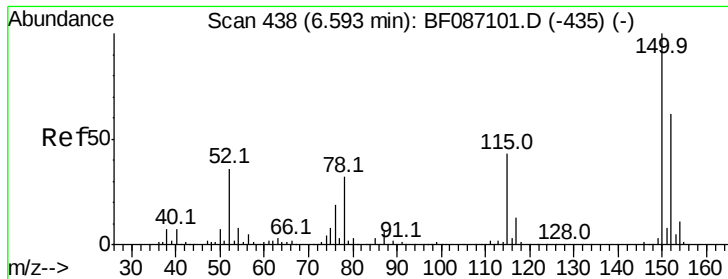
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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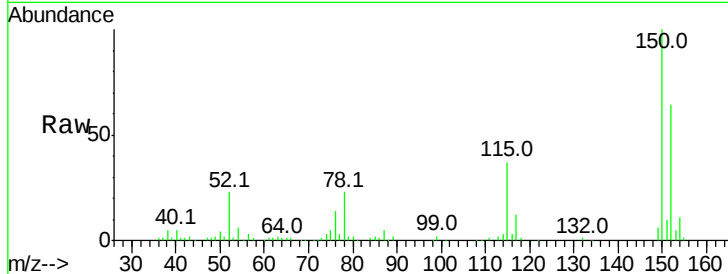


#1

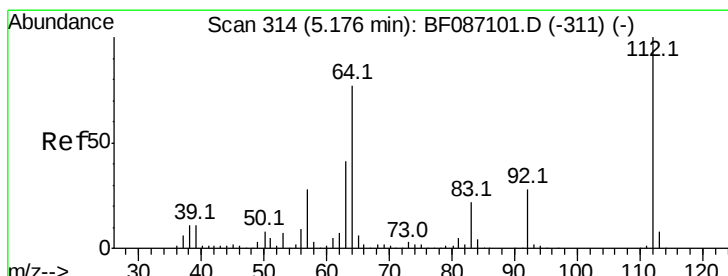
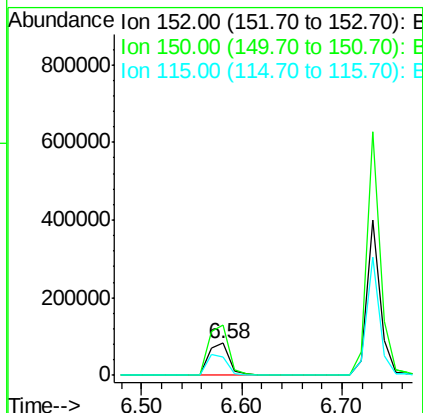
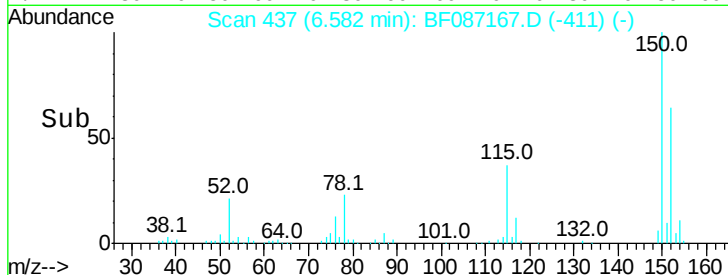
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF087167.D
Acq: 19 May 2016 3:21

Instrument :
BNA_F
ClientSampleId :
PB90659BL

Tot Ion:152 Resp: 116215
Ion Ratio Lower Upper
152 100
150 157.4 125.8 188.6
115 57.7 51.5 77.3



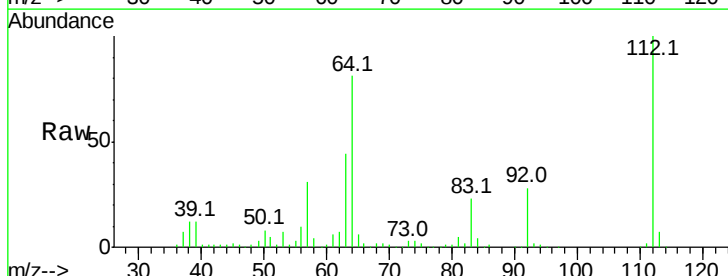
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



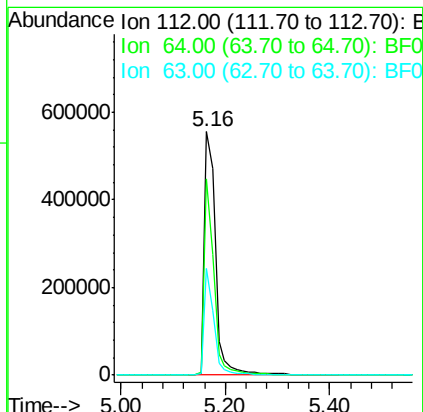
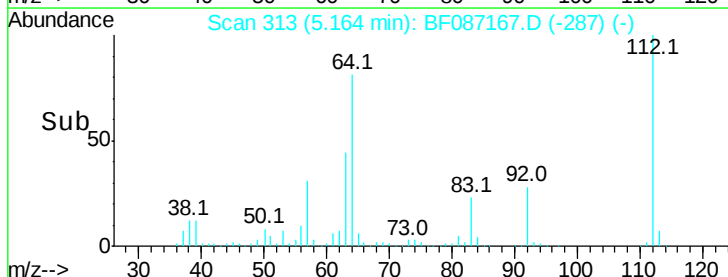
#5

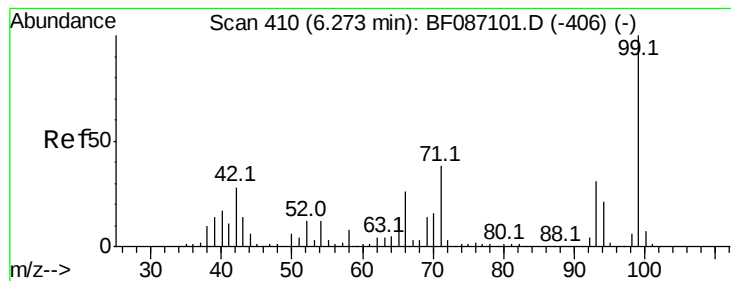
2-Fluorophenol
Concen: 121.96 ng
RT: 5.16 min Scan# 313
Delta R.T. 0.00 min
Lab File: BF087167.D
Acq: 19 May 2016 3:21

Tgt Ion:112 Resp: 843261
Ion Ratio Lower Upper
112 100
64 80.6 52.1 78.1#
63 43.8 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: 117.41 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF087167.D

Acq: 19 May 2016 3:21

Instrument :

BNA_F

ClientSampleId :

PB90659BL

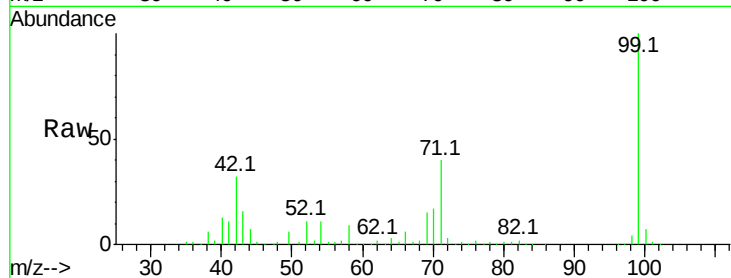
Tot Ion: 99 Resp: 1088781

Ion Ratio Lower Upper

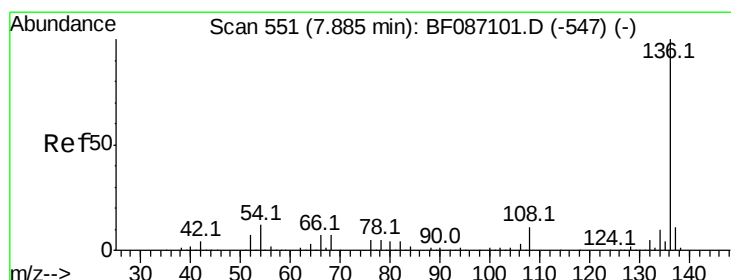
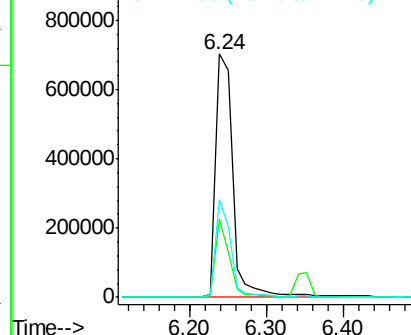
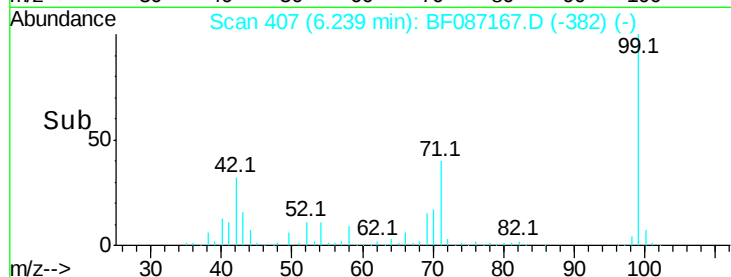
99 100

42 32.1 13.6 20.4#

71 40.0 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: BF087167.D

Acq: 19 May 2016 3:21

Tgt Ion: 136 Resp: 477965

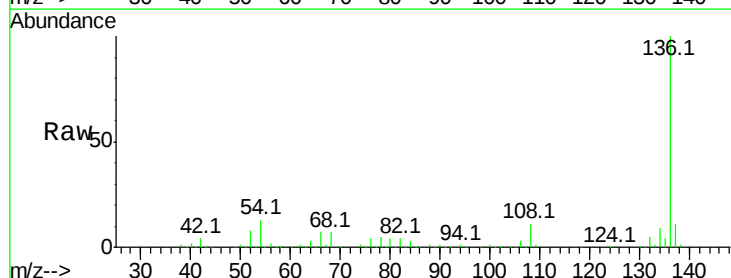
Ion Ratio Lower Upper

136 100

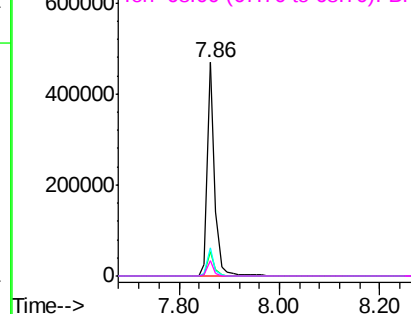
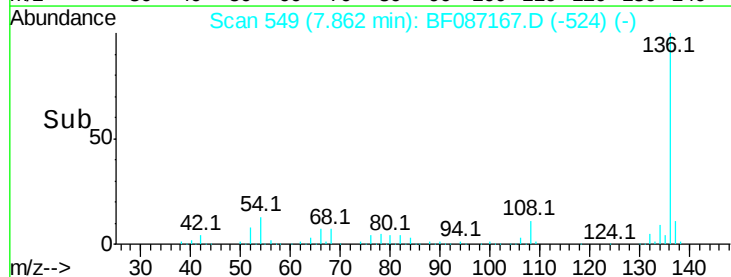
137 11.3 8.8 13.2

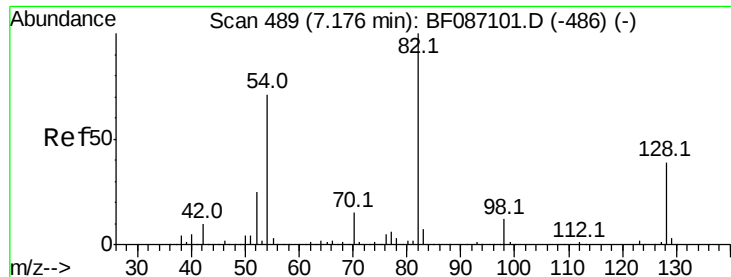
54 12.9 5.0 7.4#

68 7.0 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

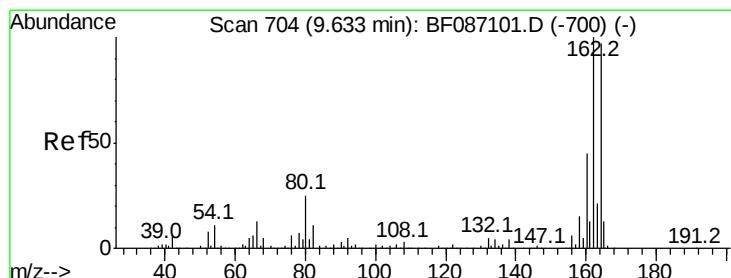
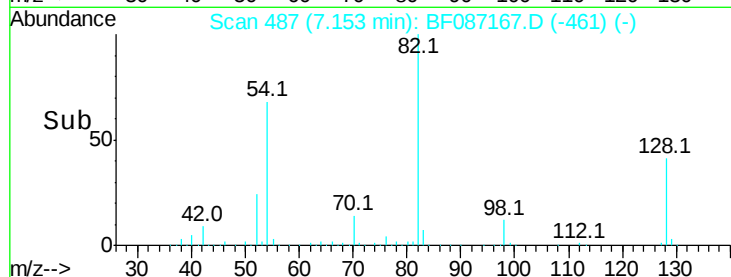
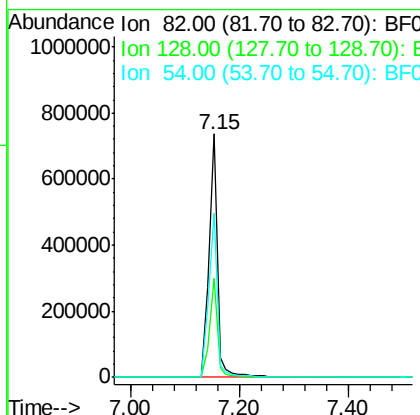
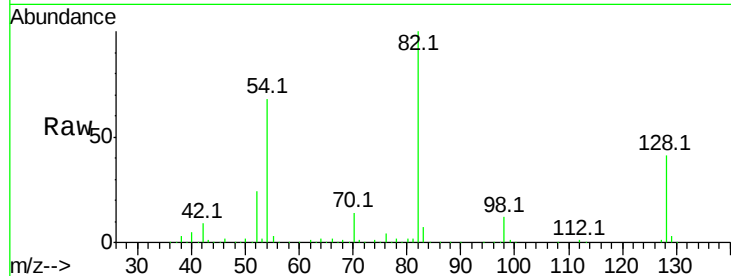




#23
 Nitrobenzene-d5
 Concen: 82.89 ng
 RT: 7.15 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF087167.D
 Acq: 19 May 2016 3:21

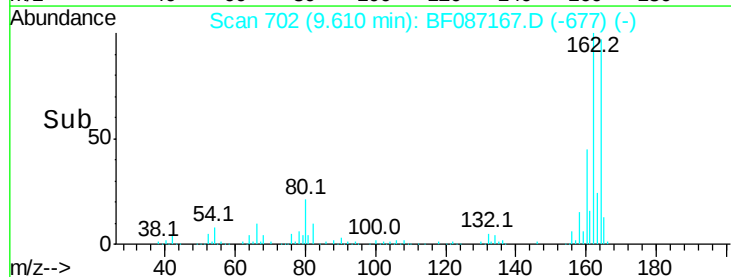
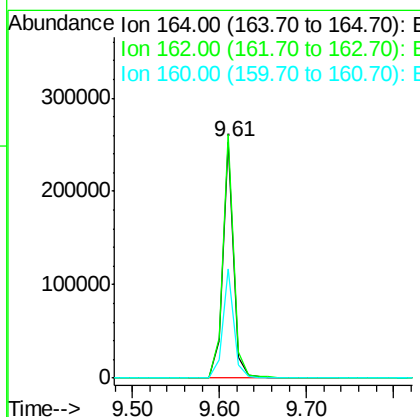
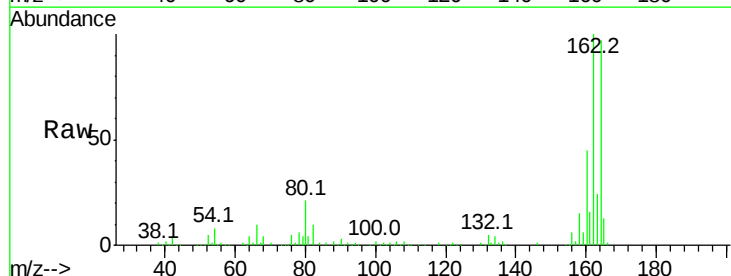
Instrument :
 BNA_F
 ClientSampleID :
 PB90659BL

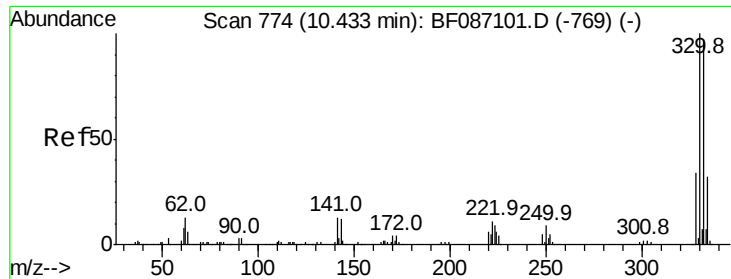
Tot Ion	82	Resp	794971
Ion Ratio	100	Lower	Upper
128	40.7	40.6	61.0
54	67.6	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF087167.D
 Acq: 19 May 2016 3:21

Tgt Ion	164	Resp	223114
Ion Ratio	100	Lower	Upper
162	103.1	82.8	124.2
160	46.3	36.9	55.3

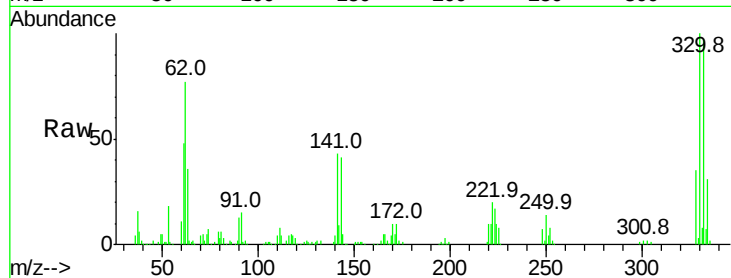




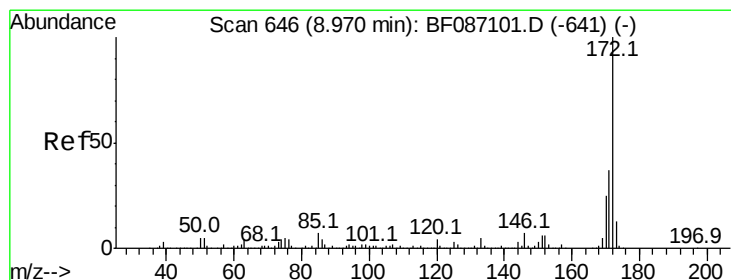
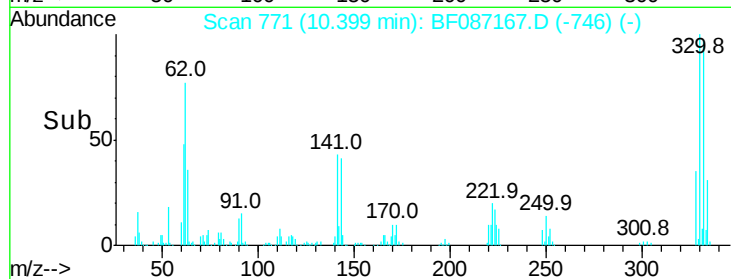
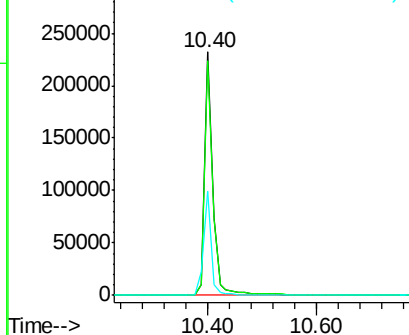
#41
 2,4,6-Tribromophenol
 Concen: 99.04 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF087167.D
 Acq: 19 May 2016 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB90659BL

Tot Ion:330 Resp: 244188
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 40.4 31.2 46.8

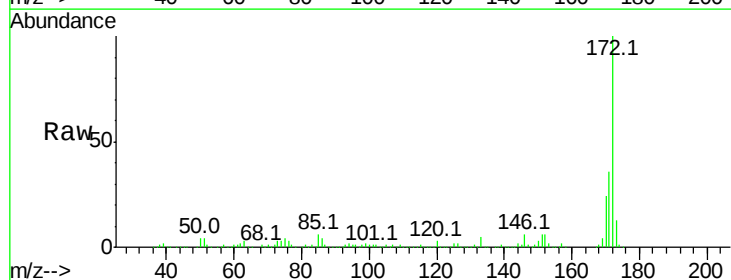


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

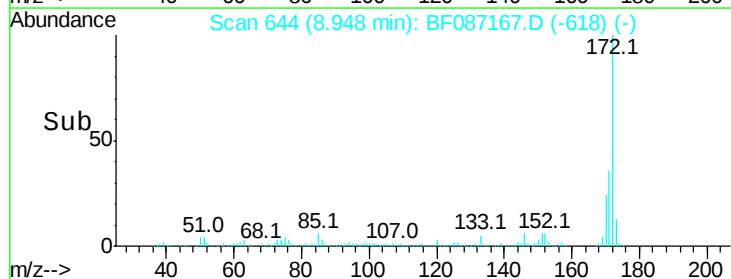
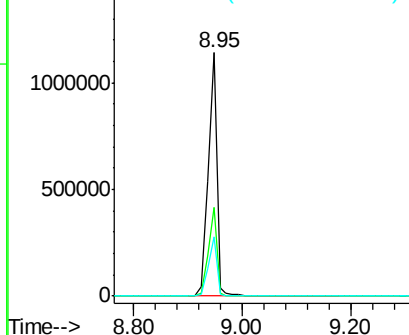


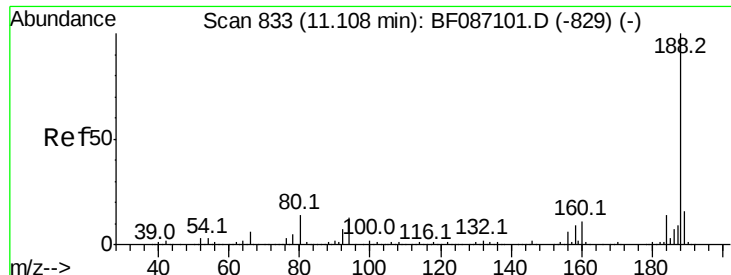
#44
 2-Fluorobiphenyl
 Concen: 92.28 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF087167.D
 Acq: 19 May 2016 3:21

Tgt Ion:172 Resp: 1243208
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.2 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

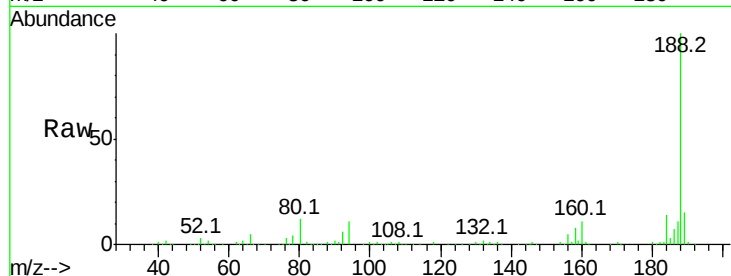




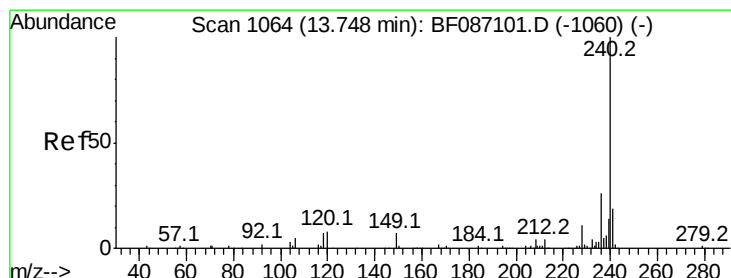
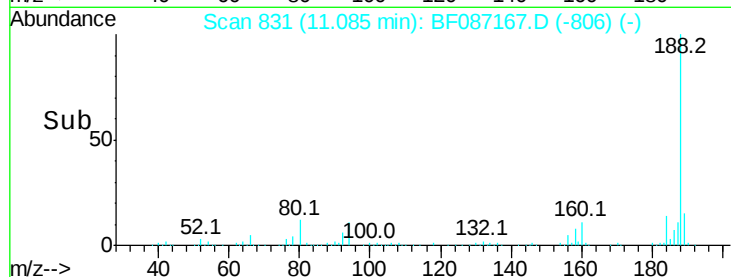
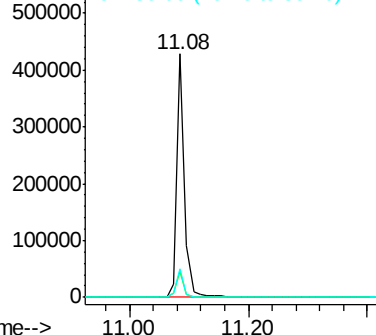
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF087167.D
Acq: 19 May 2016 3:21

Instrument :
BNA_F
ClientSampled :
PB90659BL

Tot Ion:188 Resp: 396569
Ion Ratio Lower Upper
188 100
94 10.9 6.8 10.2#
80 12.0 7.1 10.7#

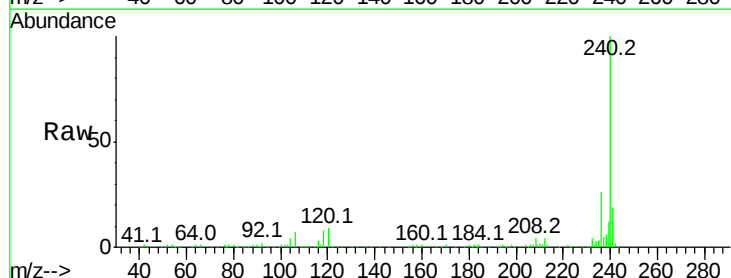


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

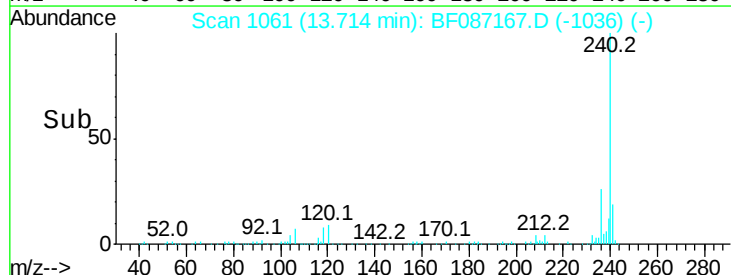
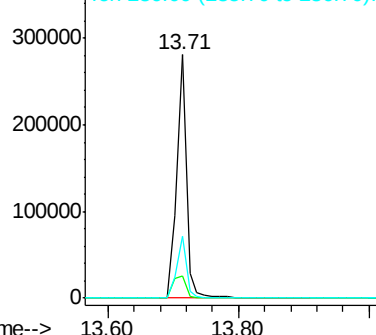


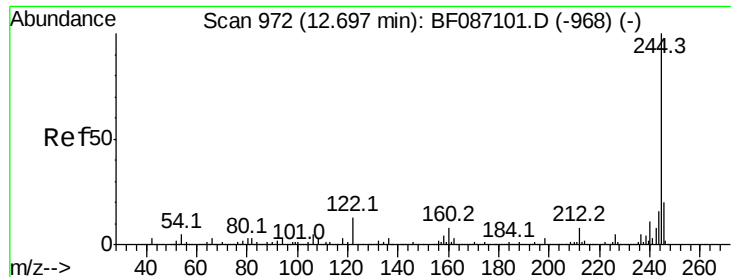
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF087167.D
Acq: 19 May 2016 3:21

Tgt Ion:240 Resp: 292258
Ion Ratio Lower Upper
240 100
120 9.4 11.2 16.8#
236 25.5 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: 81.55 ng

RT: 12.67 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF087167.D

Acq: 19 May 2016 3:21

Instrument :

BNA_F

ClientSampleId :

PB90659BL

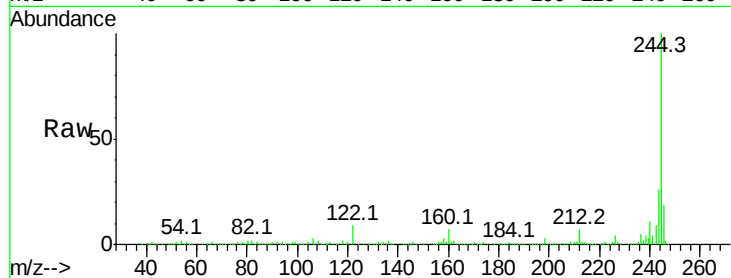
Tot Ion:244 Resp: 1053625

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

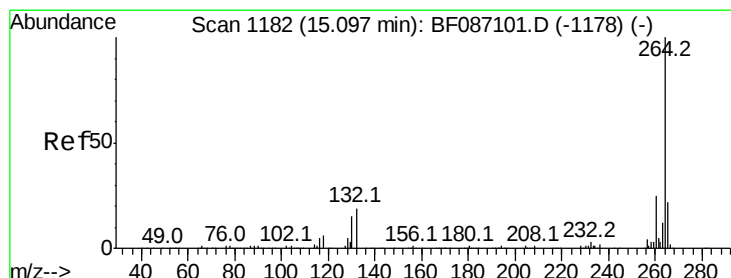
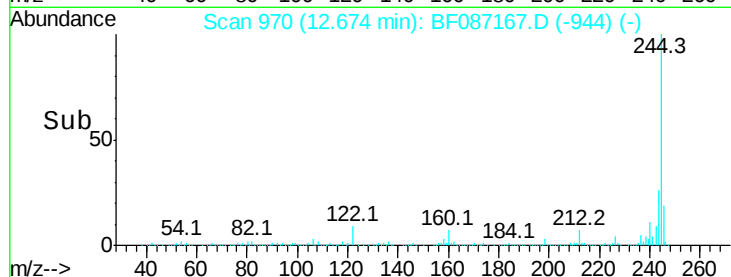
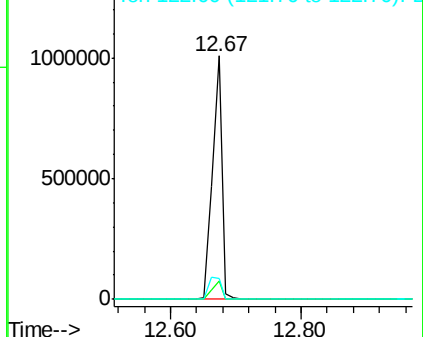
122 8.6 12.0 18.0#



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: BF087167.D

Acq: 19 May 2016 3:21

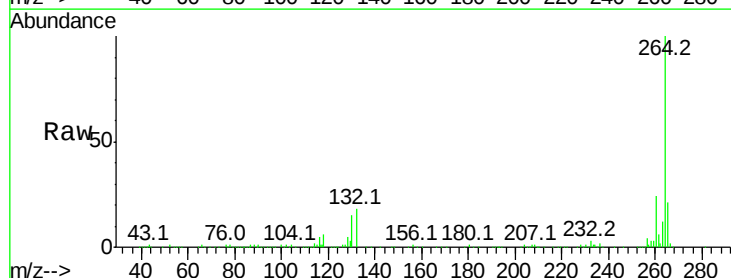
Tgt Ion:264 Resp: 283737

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.1 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

