

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
 Data File : BF087181.D
 Acq On : 19 May 2016 10:07
 Operator : UM/SJ
 Sample : H3121-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Quant Time: May 19 12:57:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

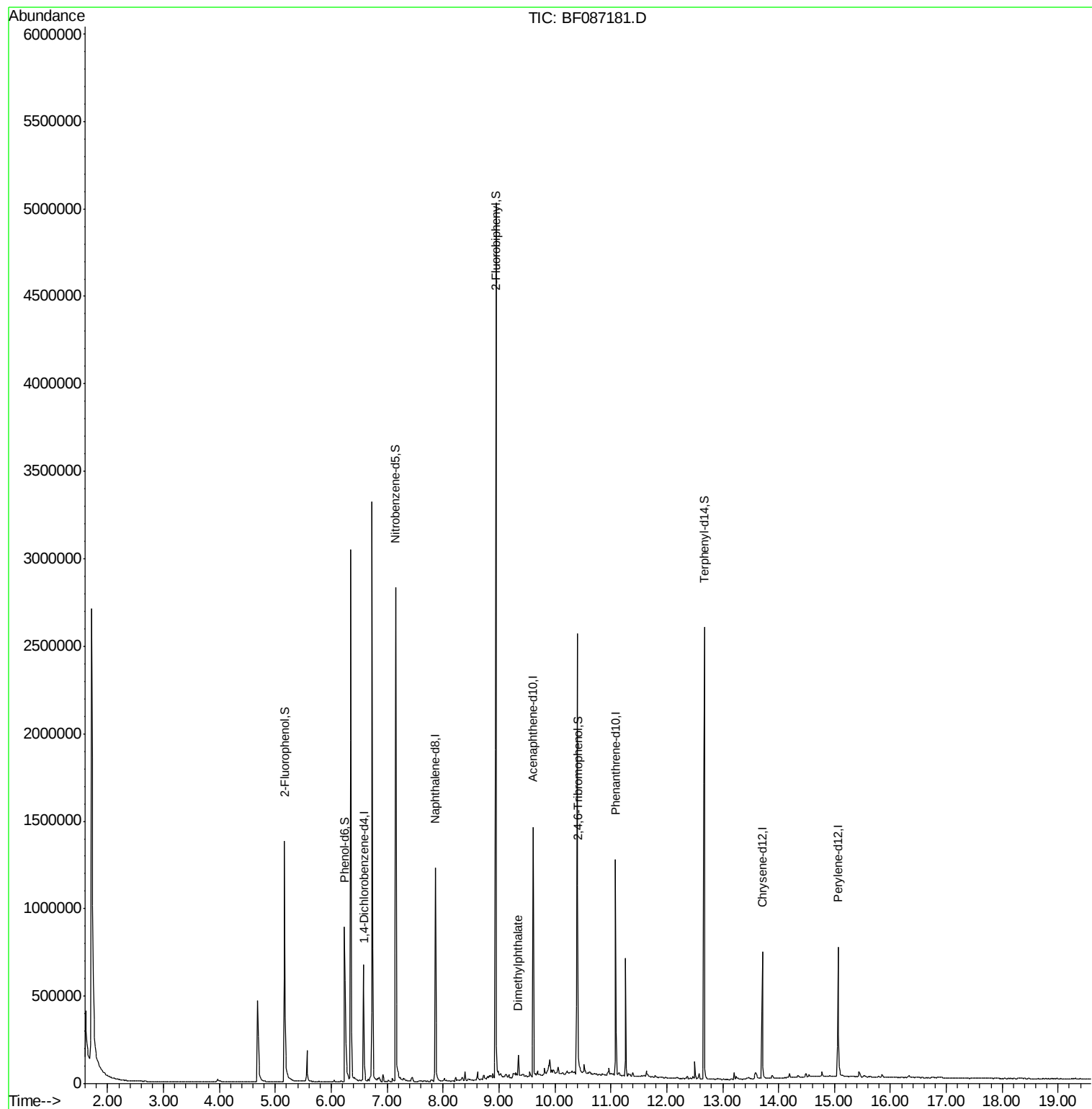
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	130410	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	527868	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	251275	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	410831	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	289826	20.00	ng	-0.05
86) Perylene-d12	15.06	264	297793	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	473924	61.08	ng	-0.03
7) Phenol-d6	6.24	99	399610	38.40	ng	-0.05
23) Nitrobenzene-d5	7.15	82	912293	86.13	ng	-0.03
41) 2,4,6-Tribromophenol	10.41	330	352705	127.02	ng	-0.03
44) 2-Fluorobiphenyl	8.95	172	1529693	100.82	ng	-0.03
78) Terphenyl-d14	12.67	244	977525	76.30	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.35	163	42737	2.23	ng	Qvalue 99

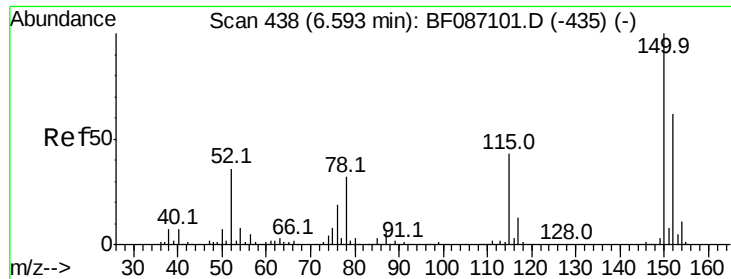
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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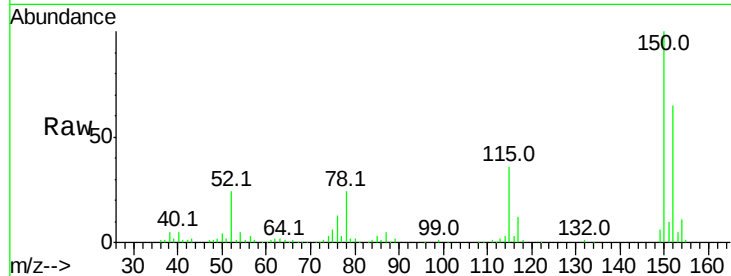


#1

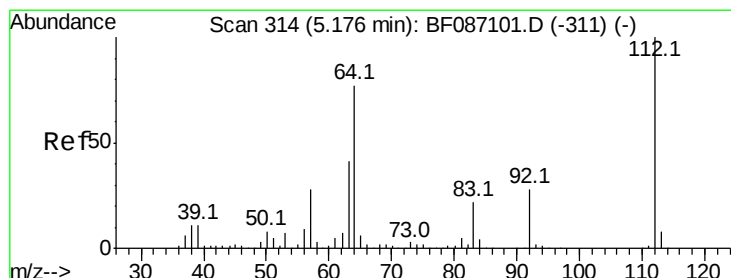
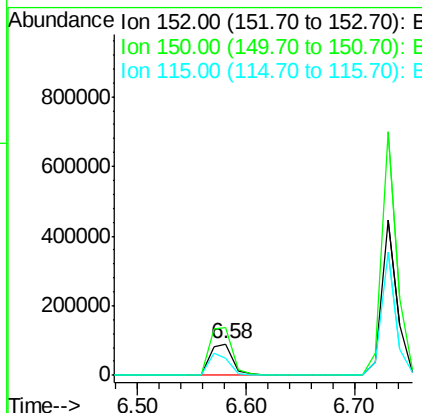
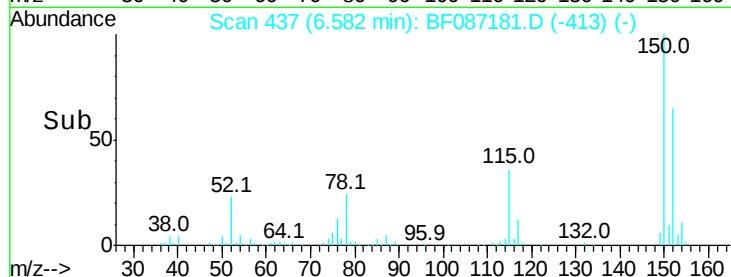
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Instrument :
BNA_F
ClientSampled :
MW-09

Tot Ion:152 Resp: 130410
Ion Ratio Lower Upper
152 100
150 152.9 125.8 188.6
115 55.8 51.5 77.3



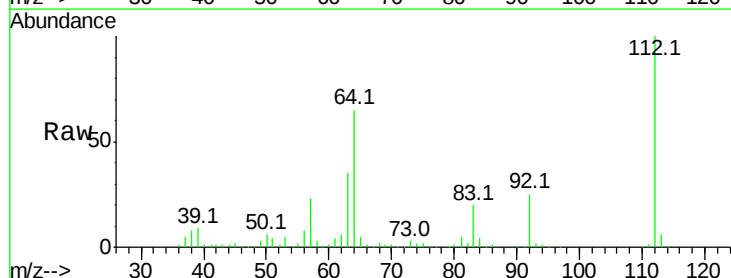
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



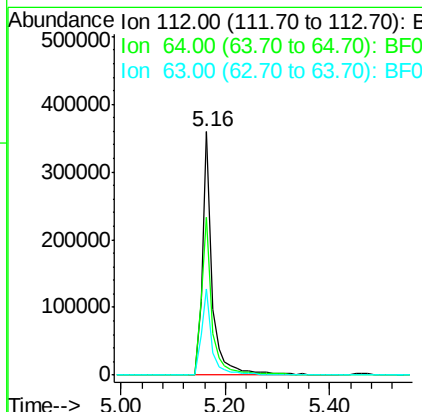
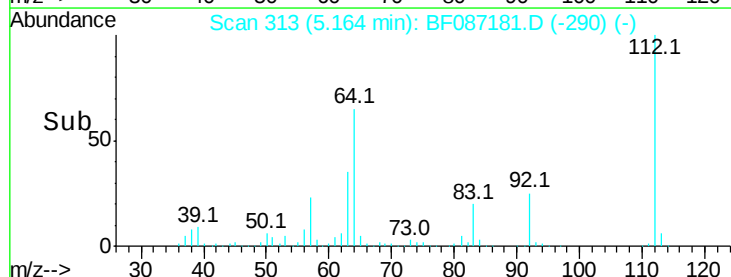
#5

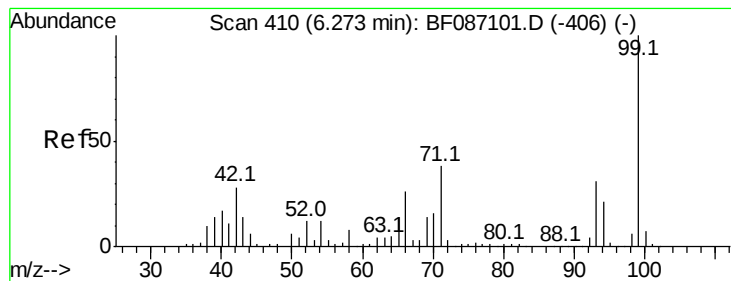
2-Fluorophenol
Concen: 61.08 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.03 min
Lab File: BF087181.D
Acq: 19 May 2016 10:07

Tgt Ion:112 Resp: 473924
Ion Ratio Lower Upper
112 100
64 64.7 52.1 78.1
63 35.4 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: 38.40 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087181.D

Acq: 19 May 2016 10:07

Instrument :

BNA_F

ClientSampleId :

MW-09

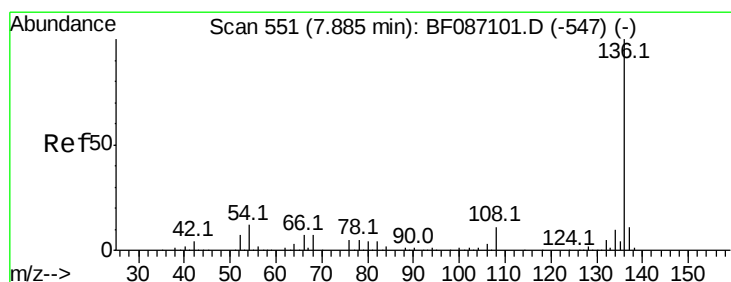
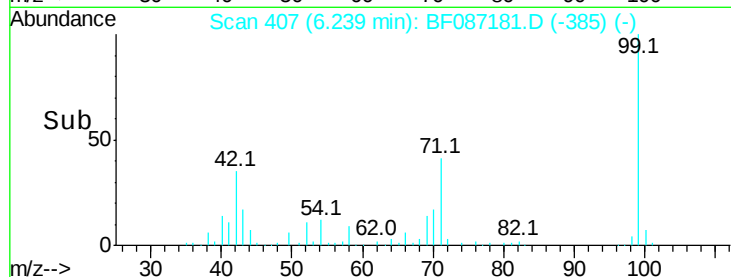
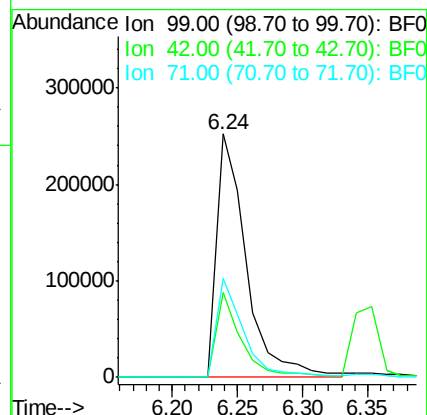
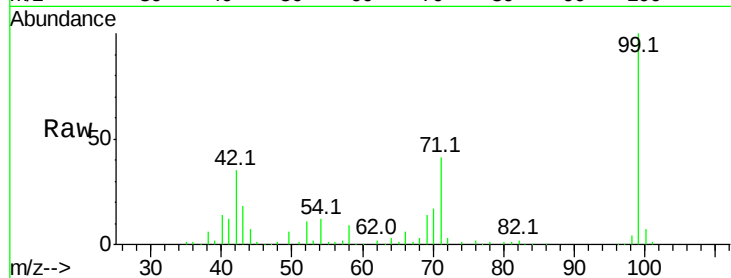
Tot Ion: 99 Resp: 399610

Ion Ratio Lower Upper

99 100

42 34.9 13.6 20.4#

71 40.8 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF087181.D

Acq: 19 May 2016 10:07

Tgt Ion: 136 Resp: 527868

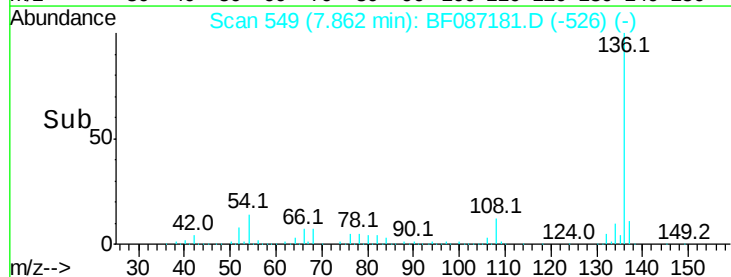
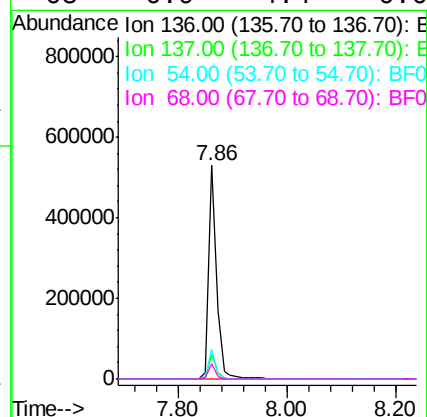
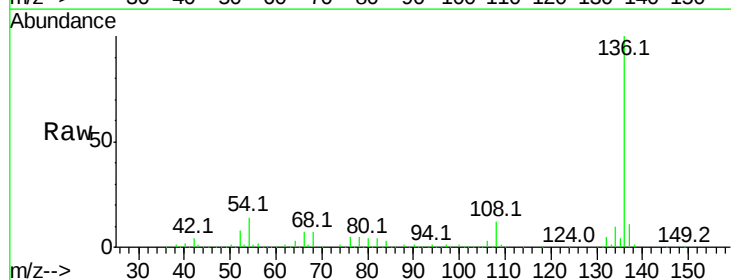
Ion Ratio Lower Upper

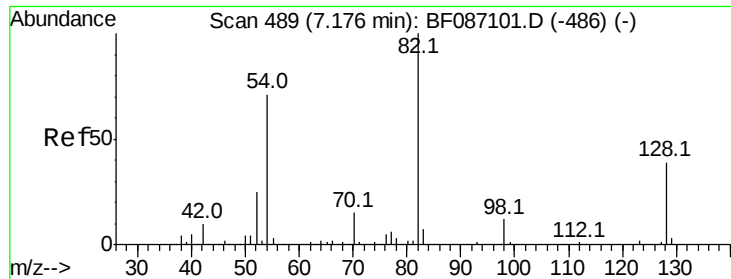
136 100

137 11.2 8.8 13.2

54 13.6 5.0 7.4#

68 6.9 4.4 6.6#

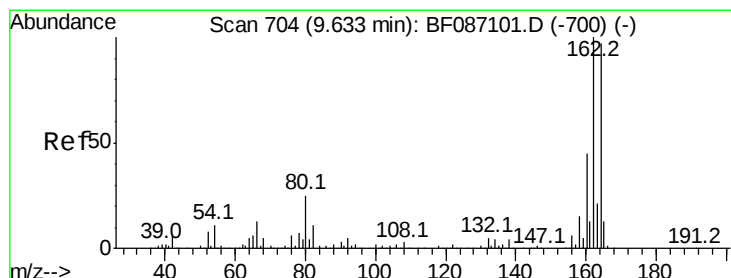
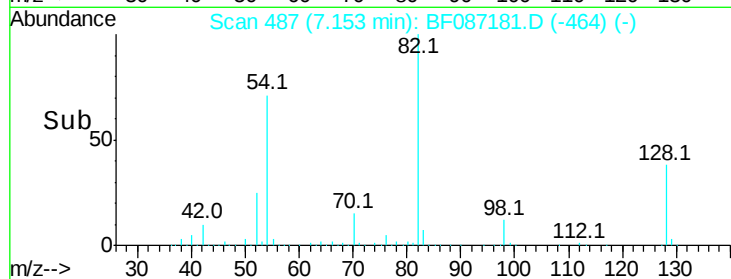
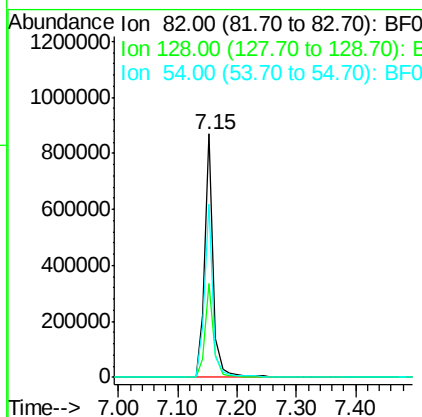
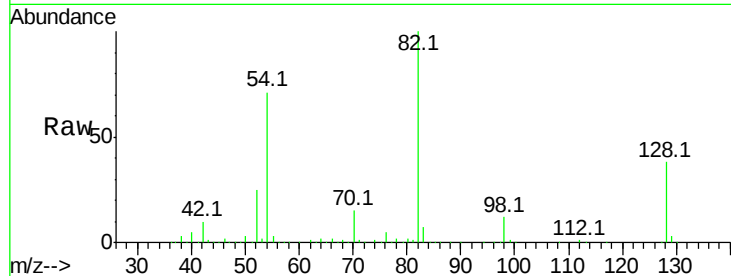




#23
 Nitrobenzene-d5
 Concen: 86.13 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.03 min
 Lab File: BF087181.D
 Acq: 19 May 2016 10:07

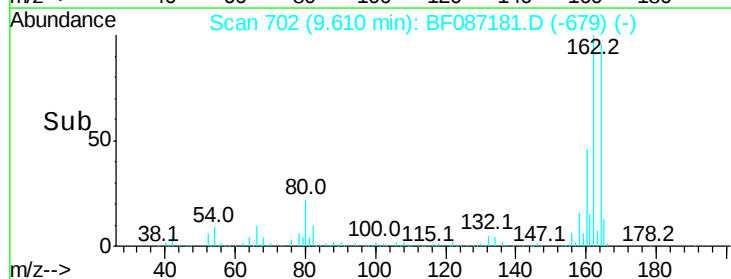
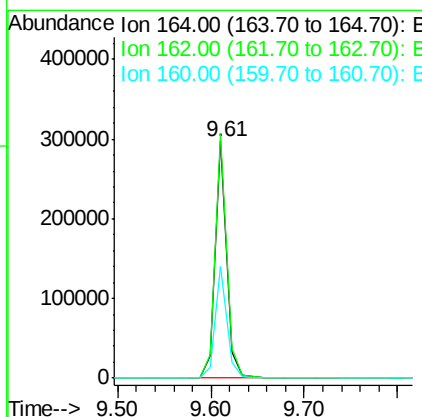
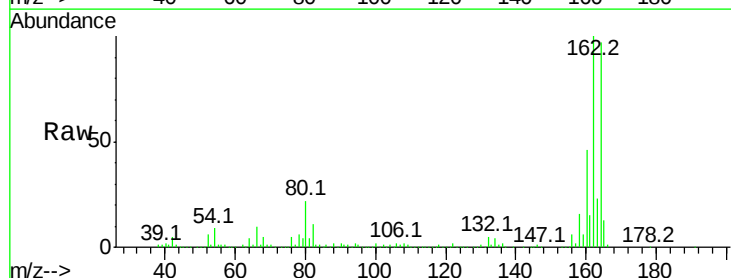
Instrument :
 BNA_F
 ClientSampled :
 MW-09

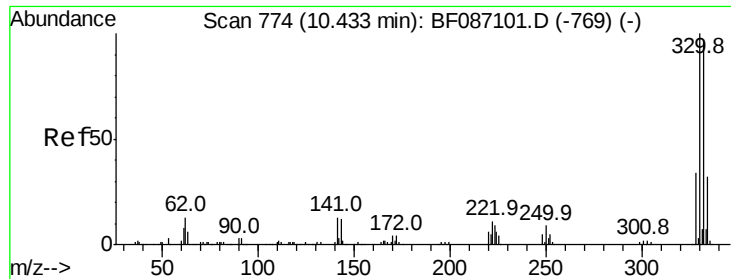
Tot Ion: 82 Resp: 912293
 Ion Ratio Lower Upper
 82 100
 128 38.4 40.6 61.0#
 54 71.2 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF087181.D
 Acq: 19 May 2016 10:07

Tgt Ion: 164 Resp: 251275
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.8 124.2
 160 47.0 36.9 55.3

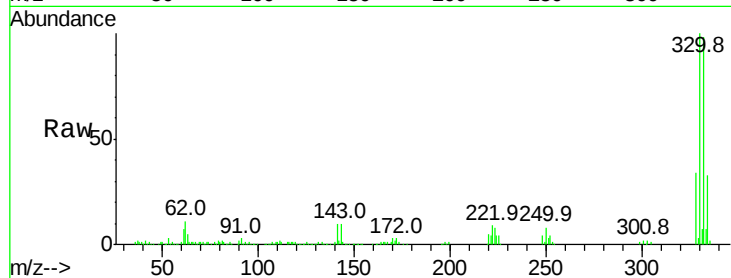




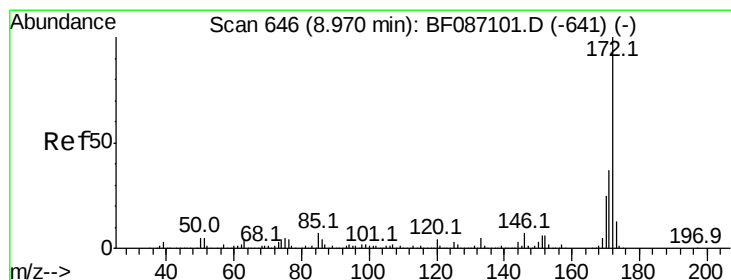
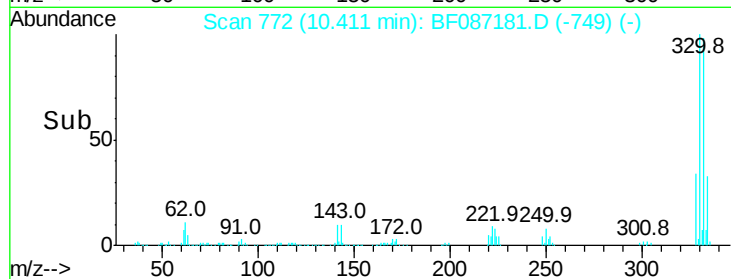
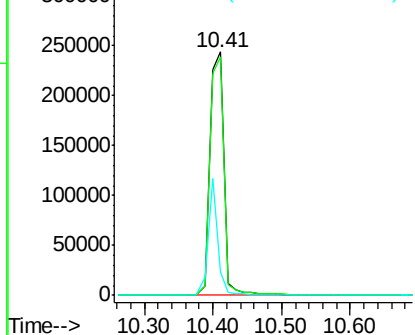
#41
 2,4,6-Tribromophenol
 Concen: 127.02 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.03 min
 Lab File: BF087181.D
 Acq: 19 May 2016 10:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	79.0	118.4
141	33.8	31.2	46.8

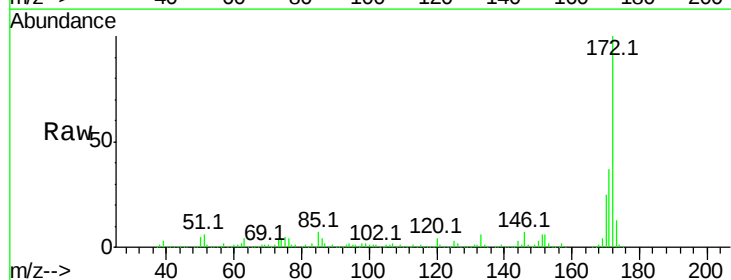


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

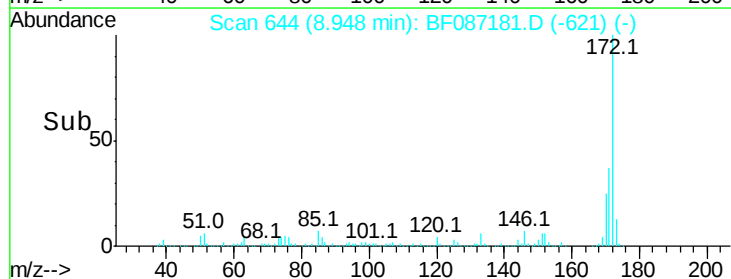
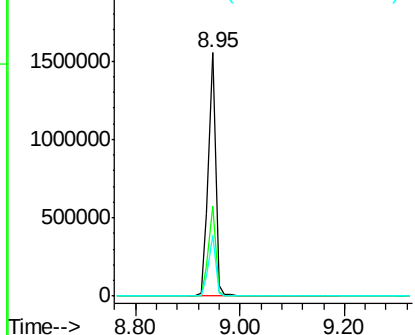


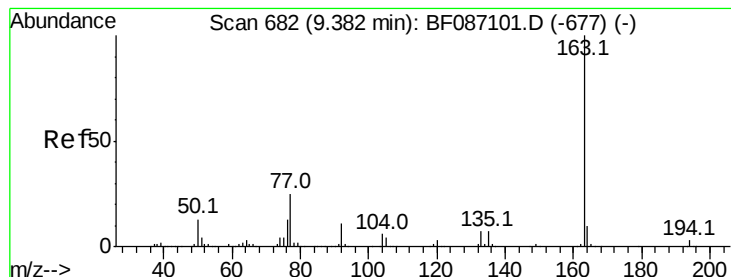
#44
 2-Fluorobiphenyl
 Concen: 100.82 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF087181.D
 Acq: 19 May 2016 10:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	25.0	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





#49

Dimethylphthalate

Concen: 2.23 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF087181.D

Acq: 19 May 2016 10:07

Instrument :

BNA_F

ClientSampleId :

MW-09

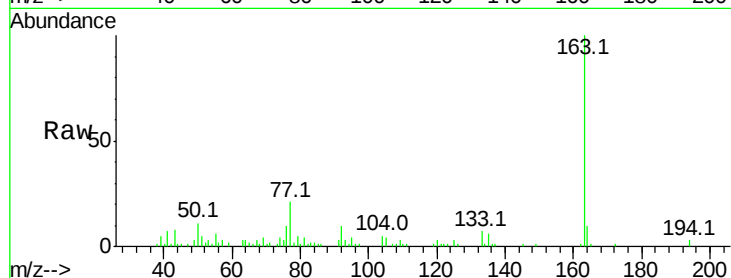
Tot Ion:163 Resp: 42737

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

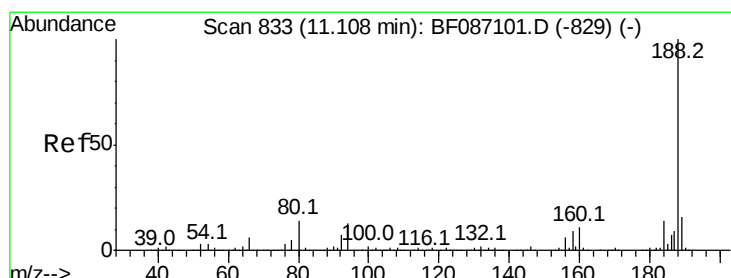
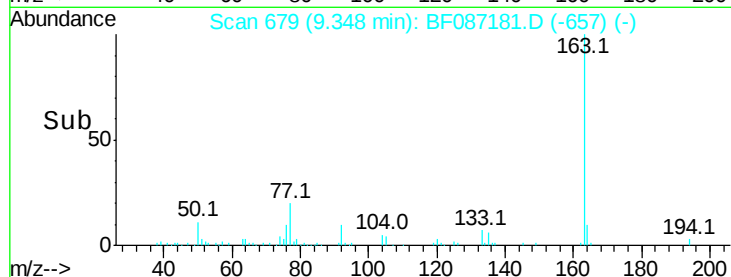
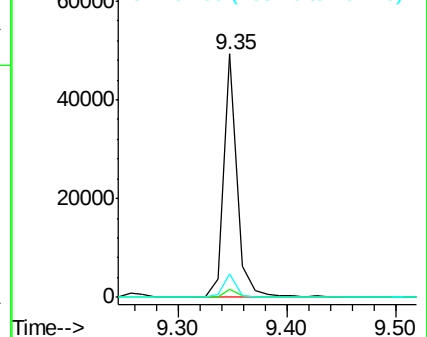
164 9.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.03 min

Lab File: BF087181.D

Acq: 19 May 2016 10:07

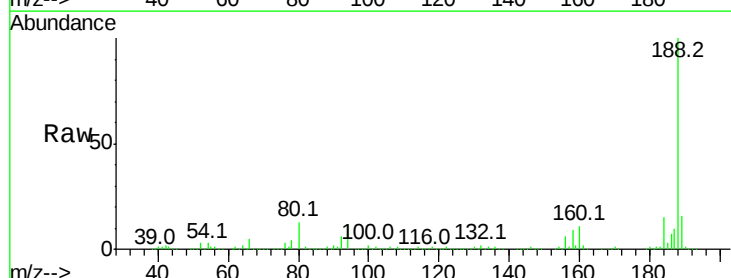
Tgt Ion:188 Resp: 410831

Ion Ratio Lower Upper

188 100

94 11.5 6.8 10.2#

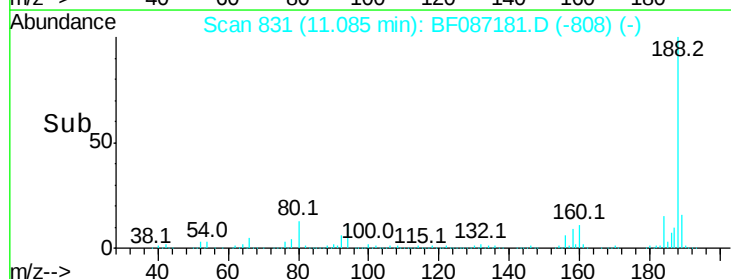
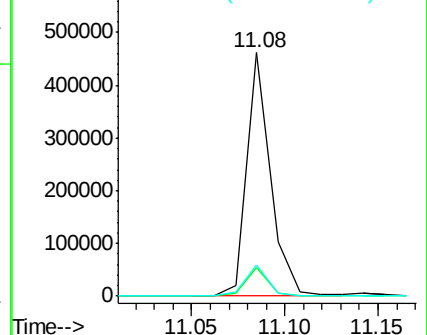
80 12.7 7.1 10.7#

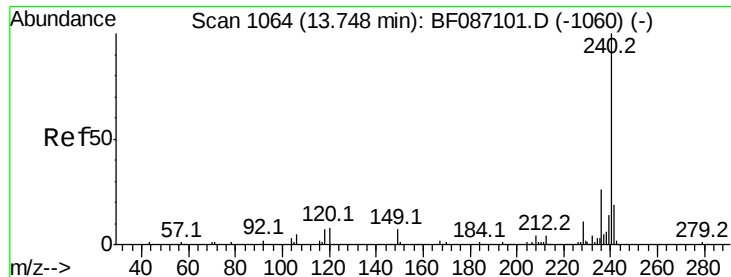


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.71 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF087181.D

Acq: 19 May 2016 10:07

Instrument :

BNA_F

ClientSampleId :

MW-09

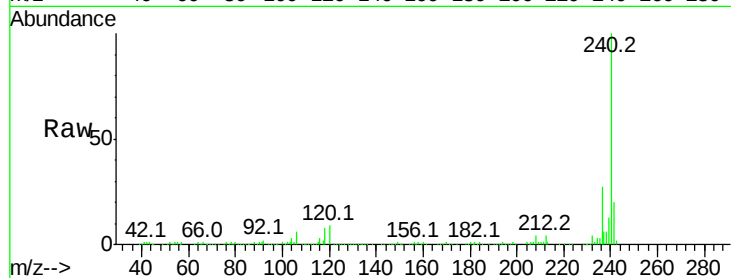
Tot Ion:240 Resp: 289826

Ion Ratio Lower Upper

240 100

120 9.0 11.2 16.8#

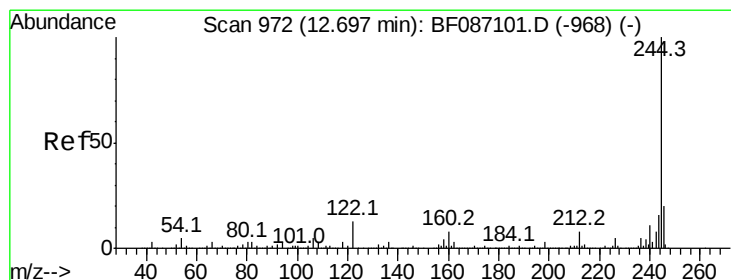
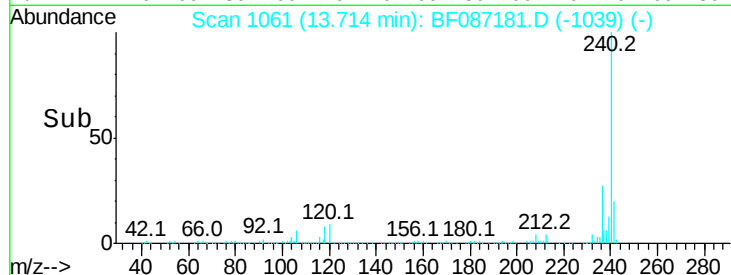
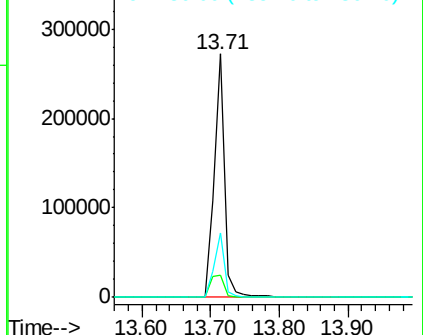
236 26.5 21.2 31.8



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: 76.30 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF087181.D

Acq: 19 May 2016 10:07

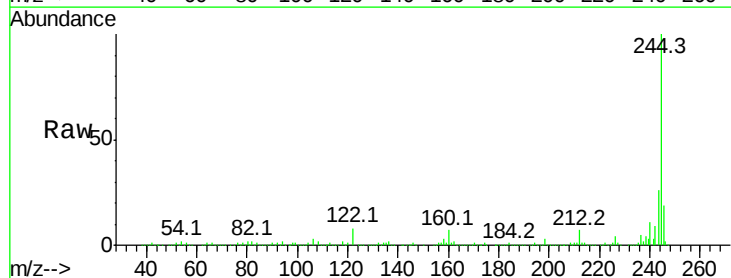
Tgt Ion:244 Resp: 977525

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

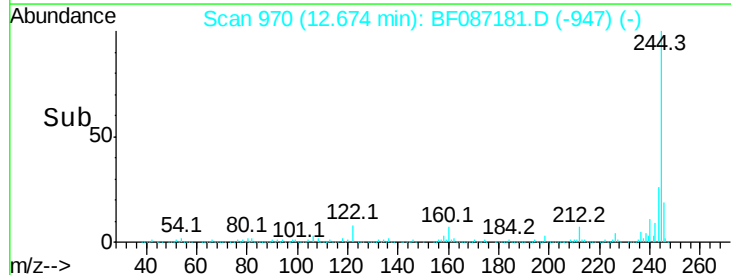
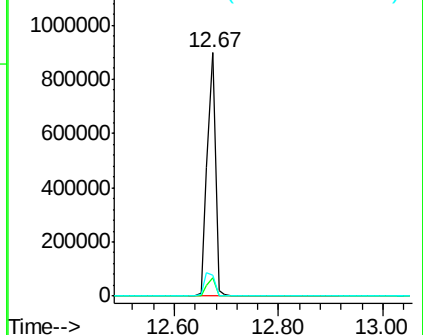
122 8.4 12.0 18.0#

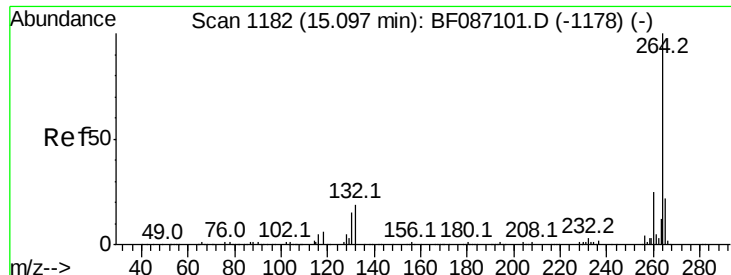


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

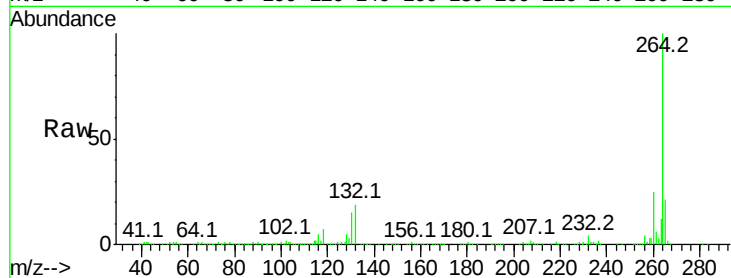




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF087181.D
 Acq: 19 May 2016 10:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.4	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

