

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
 Data File : BF087288.D
 Acq On : 22 May 2016 13:54
 Operator : UM/SJ
 Sample : H3172-04
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Quant Time: May 23 04:10:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 03:47:59 2016
 Response via : Initial Calibration

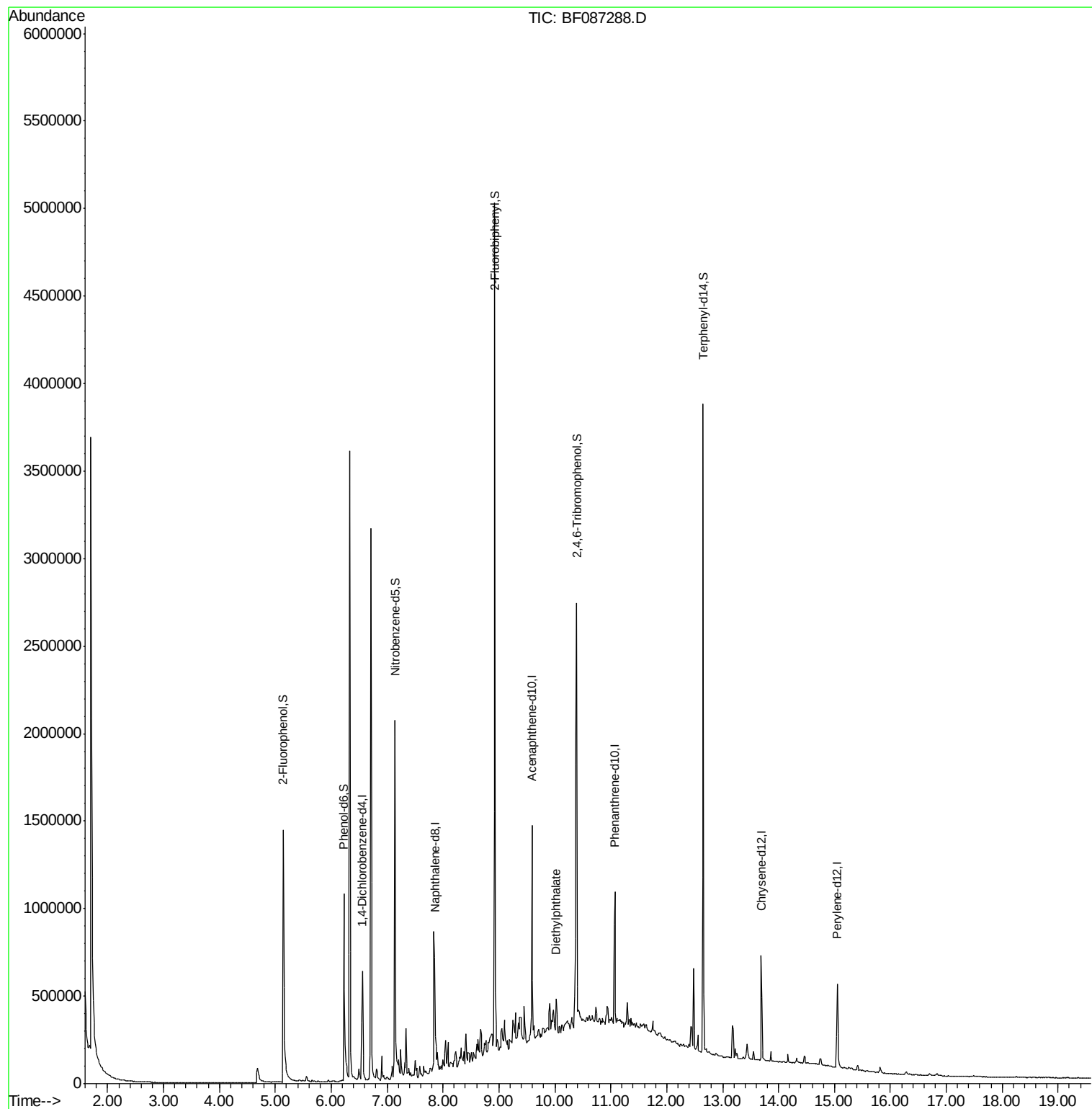
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	112071	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	469970	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	218414	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	365232	20.00	ng	0.00
75) Chrysene-d12	13.69	240	257699	20.00	ng	-0.01
86) Perylene-d12	15.05	264	208682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	483636	72.54	ng	0.00
7) Phenol-d6	6.23	99	441125	49.33	ng	-0.01
23) Nitrobenzene-d5	7.14	82	958066	101.60	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	326691	135.36	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1388779	105.31	ng	0.00
78) Terphenyl-d14	12.65	244	1072419	94.14	ng	0.00
Target Compounds						
59) Diethylphthalate	10.02	149	50169	3.15	ng	Qvalue 94

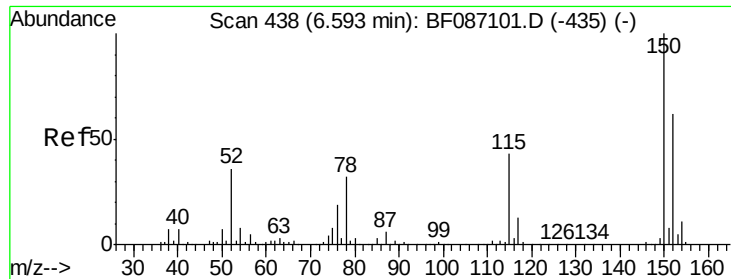
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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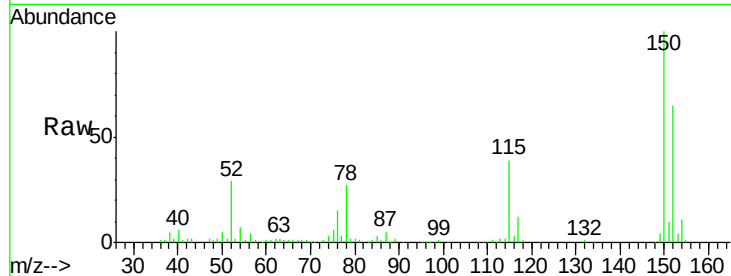


#1

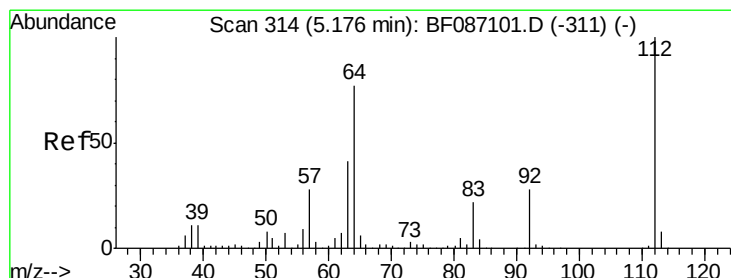
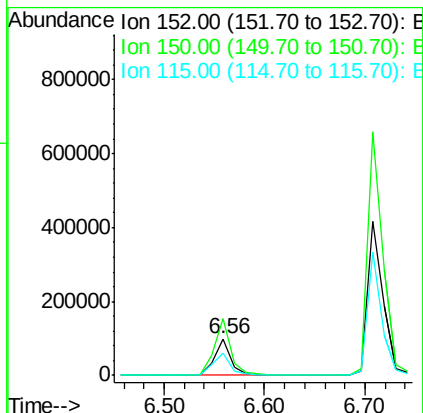
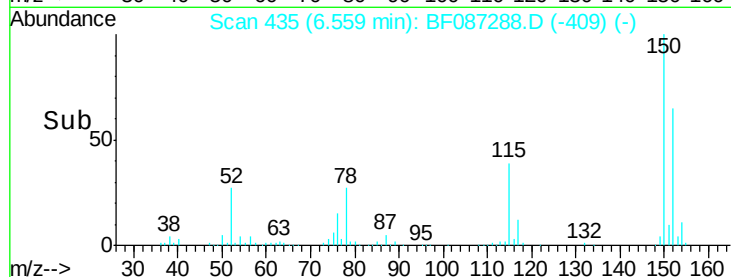
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Instrument :
BNA_F
ClientSampled :
MW-24

Tot Ion:152 Resp: 112071
Ion Ratio Lower Upper
152 100
150 154.7 125.8 188.6
115 61.1 51.5 77.3



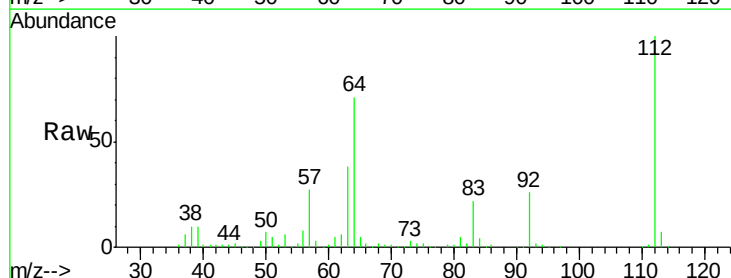
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



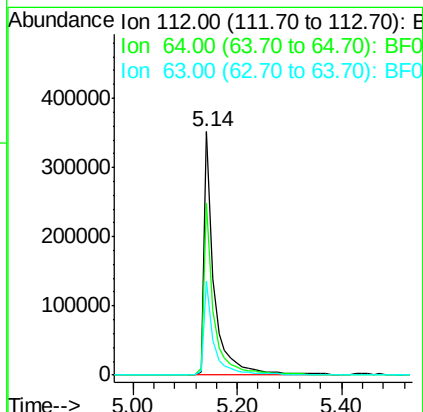
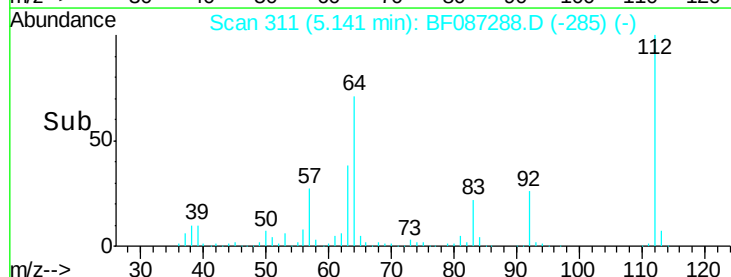
#5

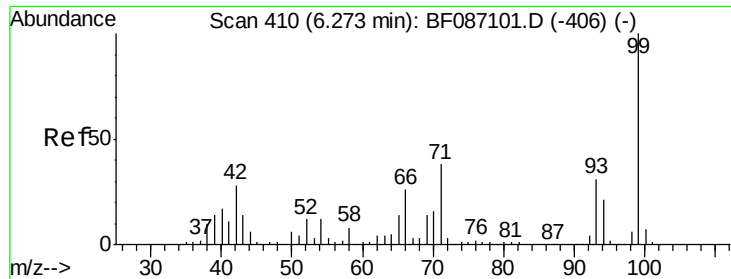
2-Fluorophenol
Concen: 72.54 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Tgt Ion:112 Resp: 483636
Ion Ratio Lower Upper
112 100
64 70.8 52.1 78.1
63 38.4 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: 49.33 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF087288.D

Acq: 22 May 2016 13:54

Instrument :

BNA_F

ClientSampled :

MW-24

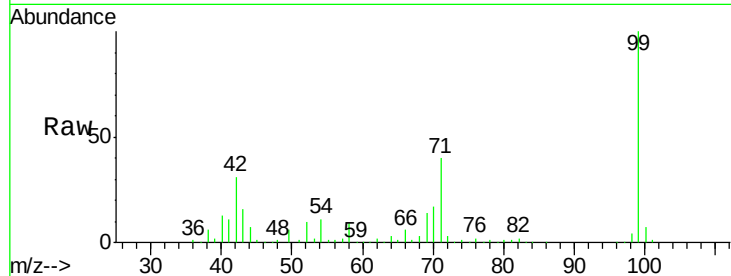
Tot Ion: 99 Resp: 441125

Ion Ratio Lower Upper

99 100

42 30.8 13.6 20.4#

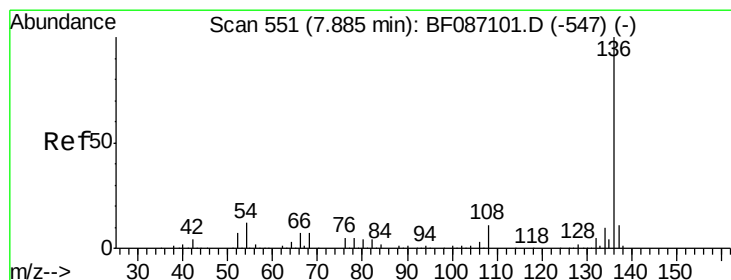
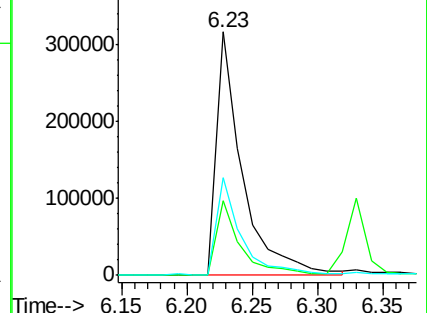
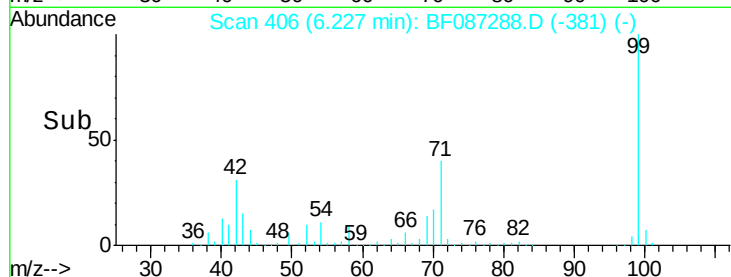
71 40.2 24.6 36.8#



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: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF087288.D

Acq: 22 May 2016 13:54

Tgt Ion: 136 Resp: 469970

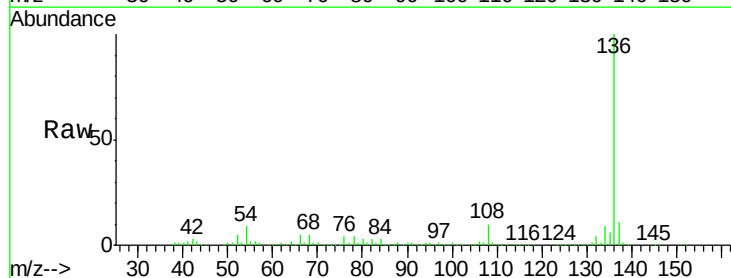
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 9.2 5.0 7.4#

68 4.8 4.4 6.6

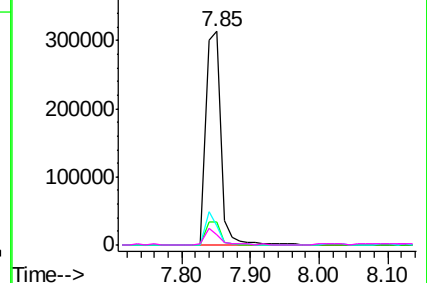
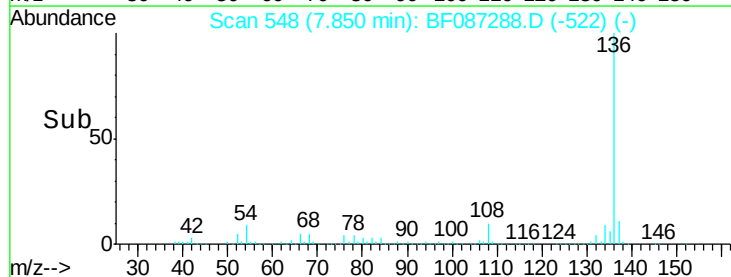


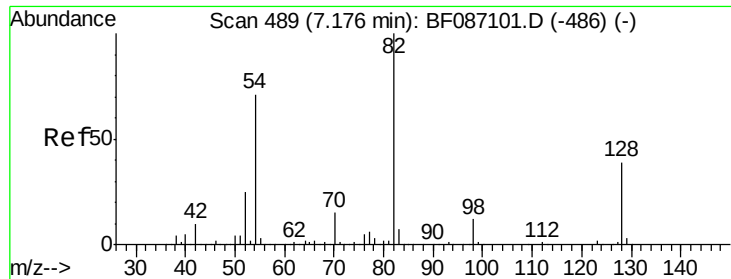
Abundance Ion 136.00 (135.70 to 136.70): E

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

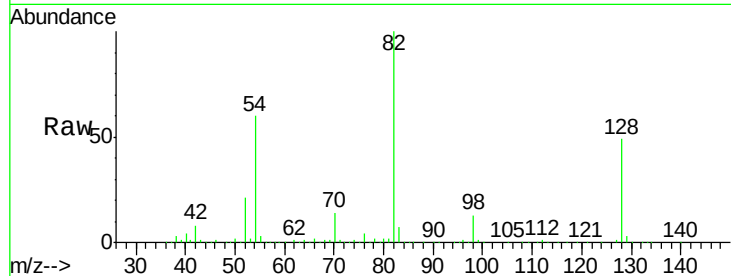




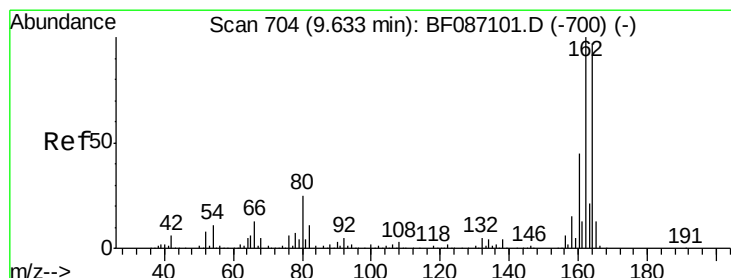
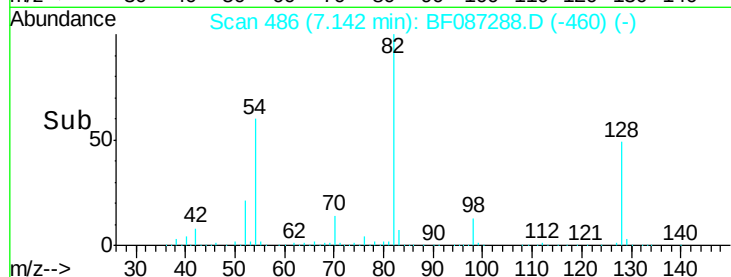
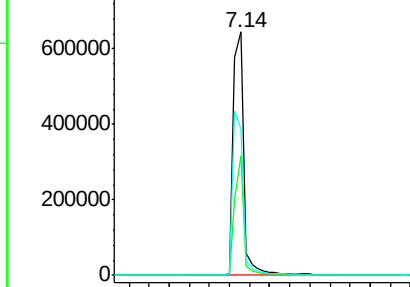
#23
 Nitrobenzene-d5
 Concen: 101.60 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF087288.D
 Acq: 22 May 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tot Ion: 82 Resp: 958066
 Ion Ratio Lower Upper
 82 100
 128 48.9 40.6 61.0
 54 60.3 38.1 57.1#

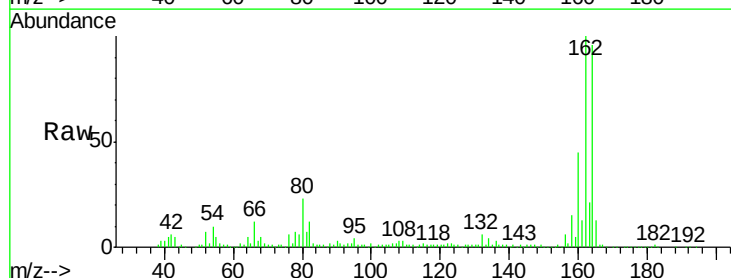


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

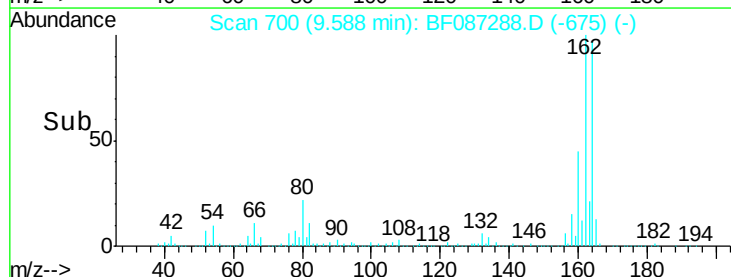
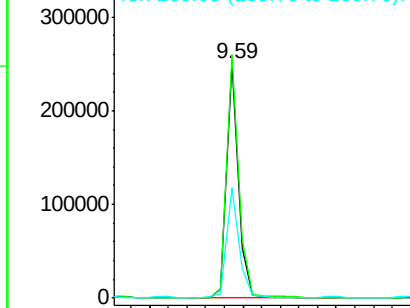


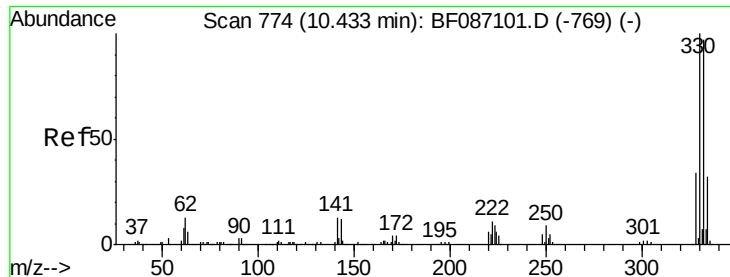
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF087288.D
 Acq: 22 May 2016 13:54

Tgt Ion:164 Resp: 218414
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.8 124.2
 160 47.2 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

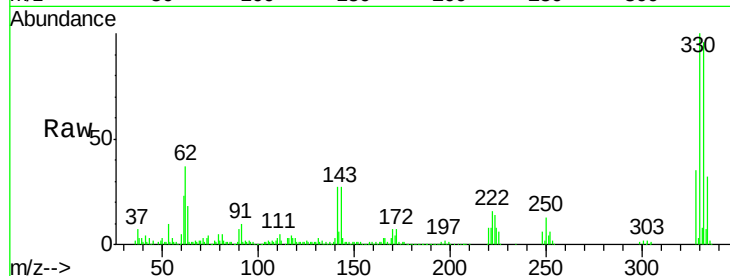




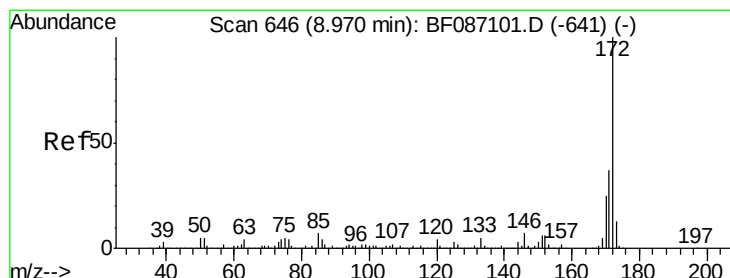
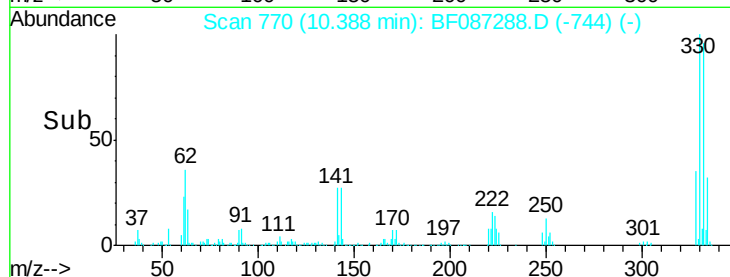
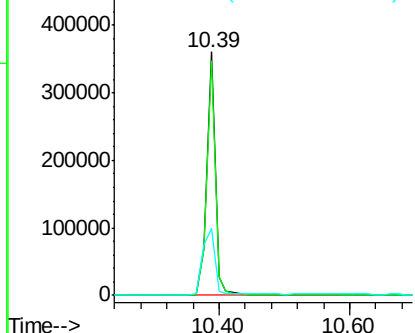
#41
 2,4,6-Tribromophenol
 Concen: 135.36 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF087288.D
 Acq: 22 May 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-24

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	39.2	31.2	46.8

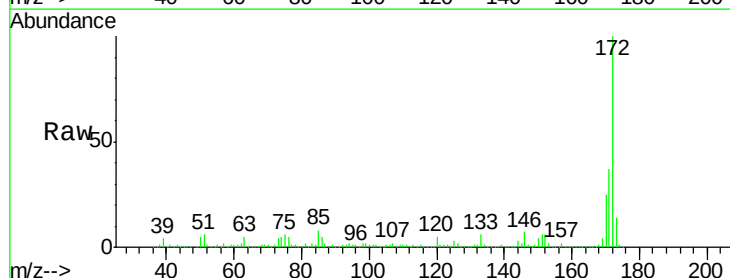


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

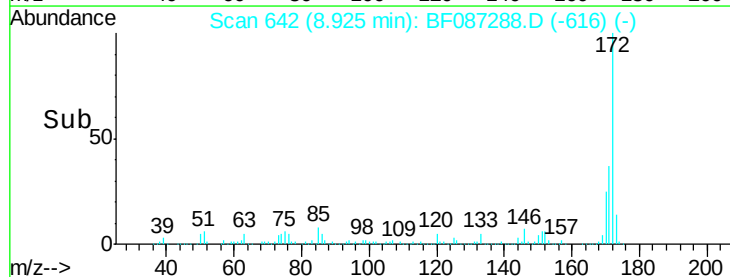
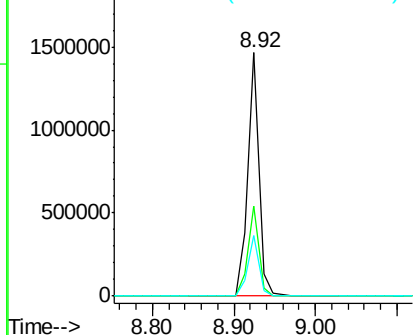


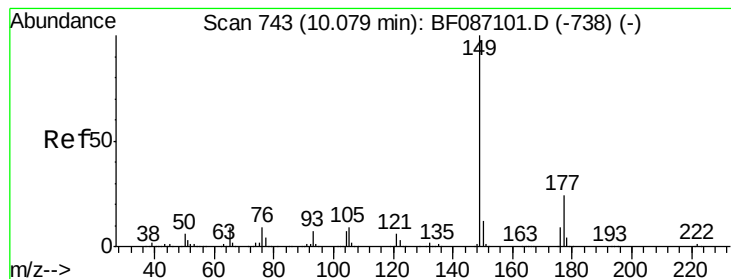
#44
 2-Fluorobiphenyl
 Concen: 105.31 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087288.D
 Acq: 22 May 2016 13:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.9	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





#59

Diethylphthalate

Concen: 3.15 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF087288.D

Acq: 22 May 2016 13:54

Instrument :

BNA_F

ClientSampleId :

MW-24

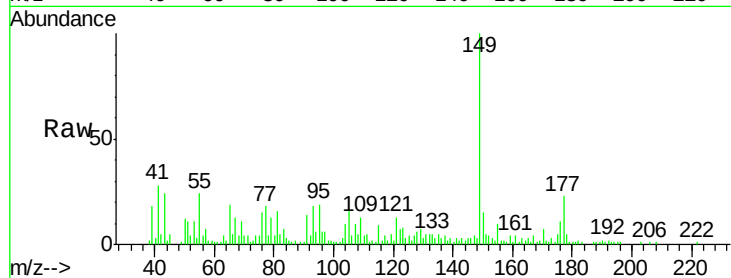
Tot Ion:149 Resp: 50169

Ion Ratio Lower Upper

149 100

177 23.2 16.6 24.8

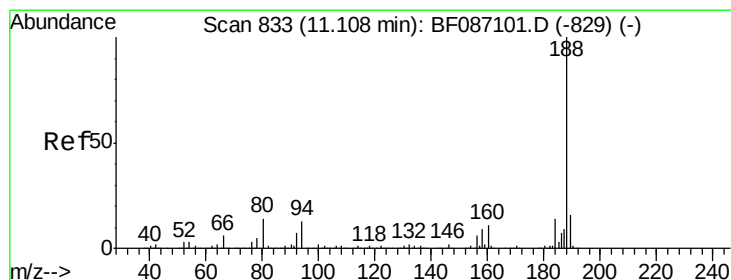
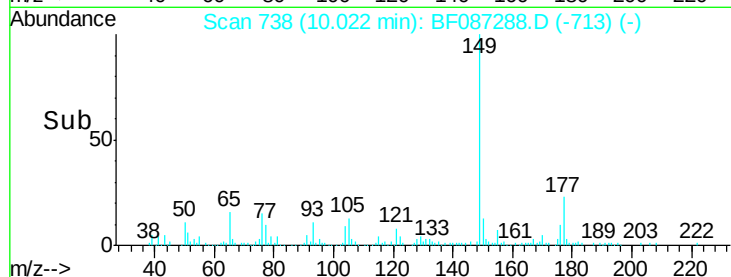
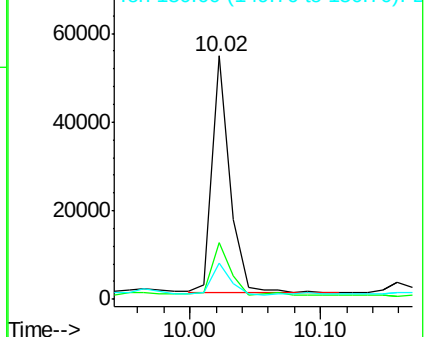
150 14.8 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF087288.D

Acq: 22 May 2016 13:54

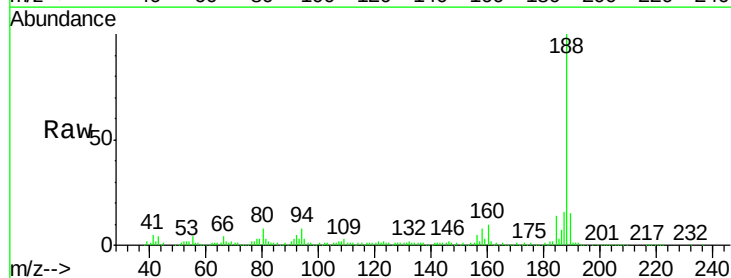
Tgt Ion:188 Resp: 365232

Ion Ratio Lower Upper

188 100

94 7.7 6.8 10.2

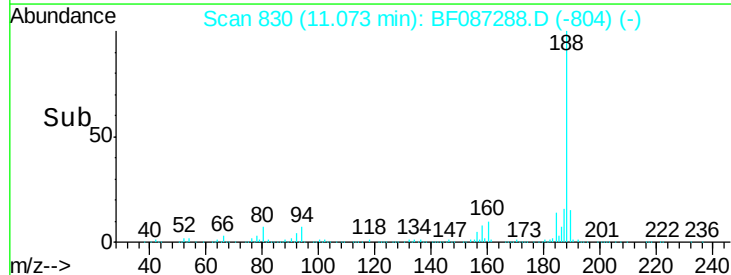
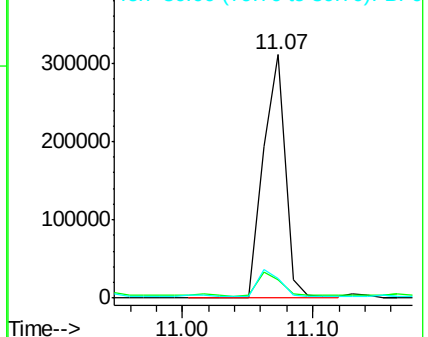
80 7.9 7.1 10.7

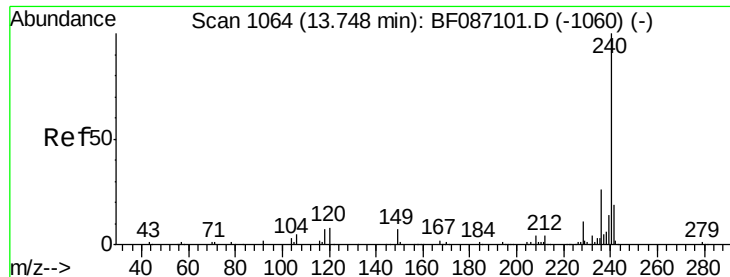


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.69 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF087288.D

Acq: 22 May 2016 13:54

Instrument :

BNA_F

ClientSampleId :

MW-24

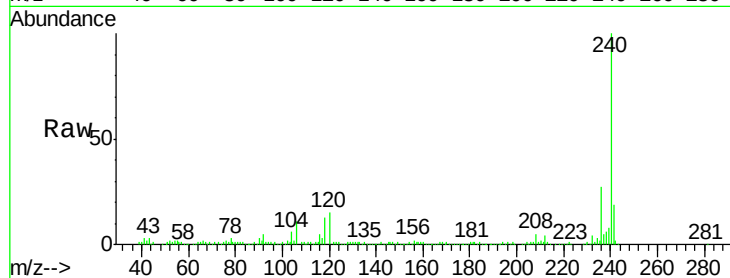
Tot Ion:240 Resp: 257699

Ion Ratio Lower Upper

240 100

120 14.7 11.2 16.8

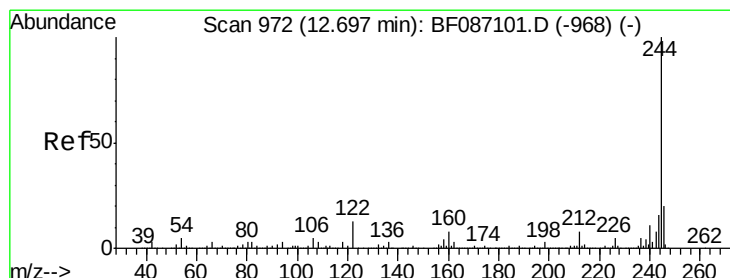
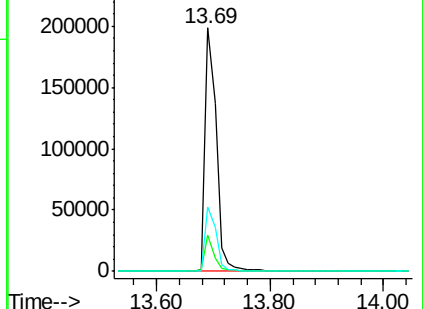
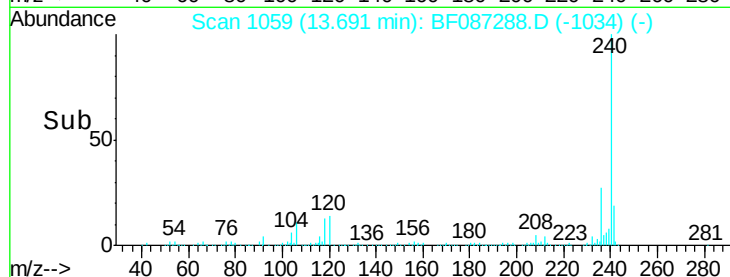
236 26.6 21.2 31.8



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: 94.14 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF087288.D

Acq: 22 May 2016 13:54

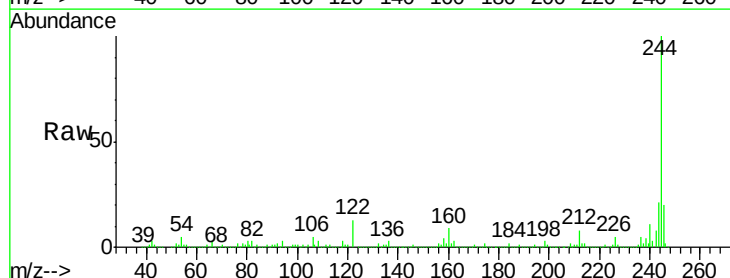
Tgt Ion:244 Resp: 1072419

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

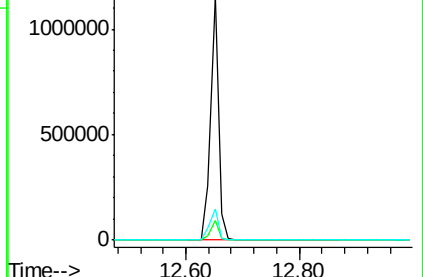
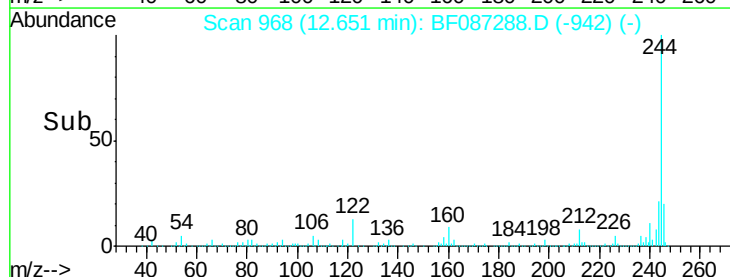
122 13.0 12.0 18.0

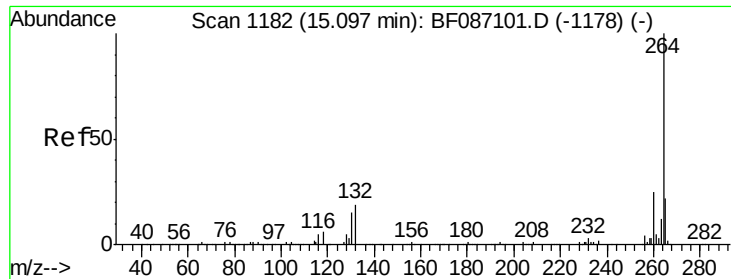


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

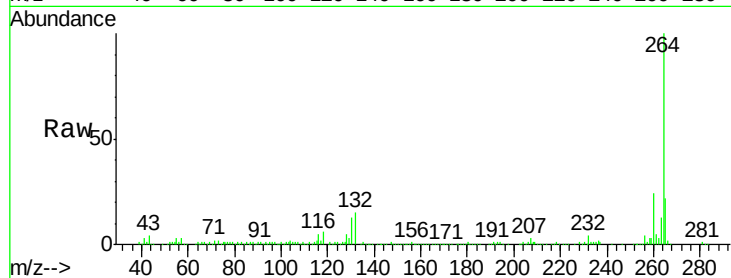




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF087288.D
Acq: 22 May 2016 13:54

Instrument :
BNA_F
ClientSampleId :
MW-24

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	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

