

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088115.D
 Acq On : 18 Jun 2016 2:37
 Operator : UM/SJ
 Sample : H3542-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Quant Time: Jun 18 03:58:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

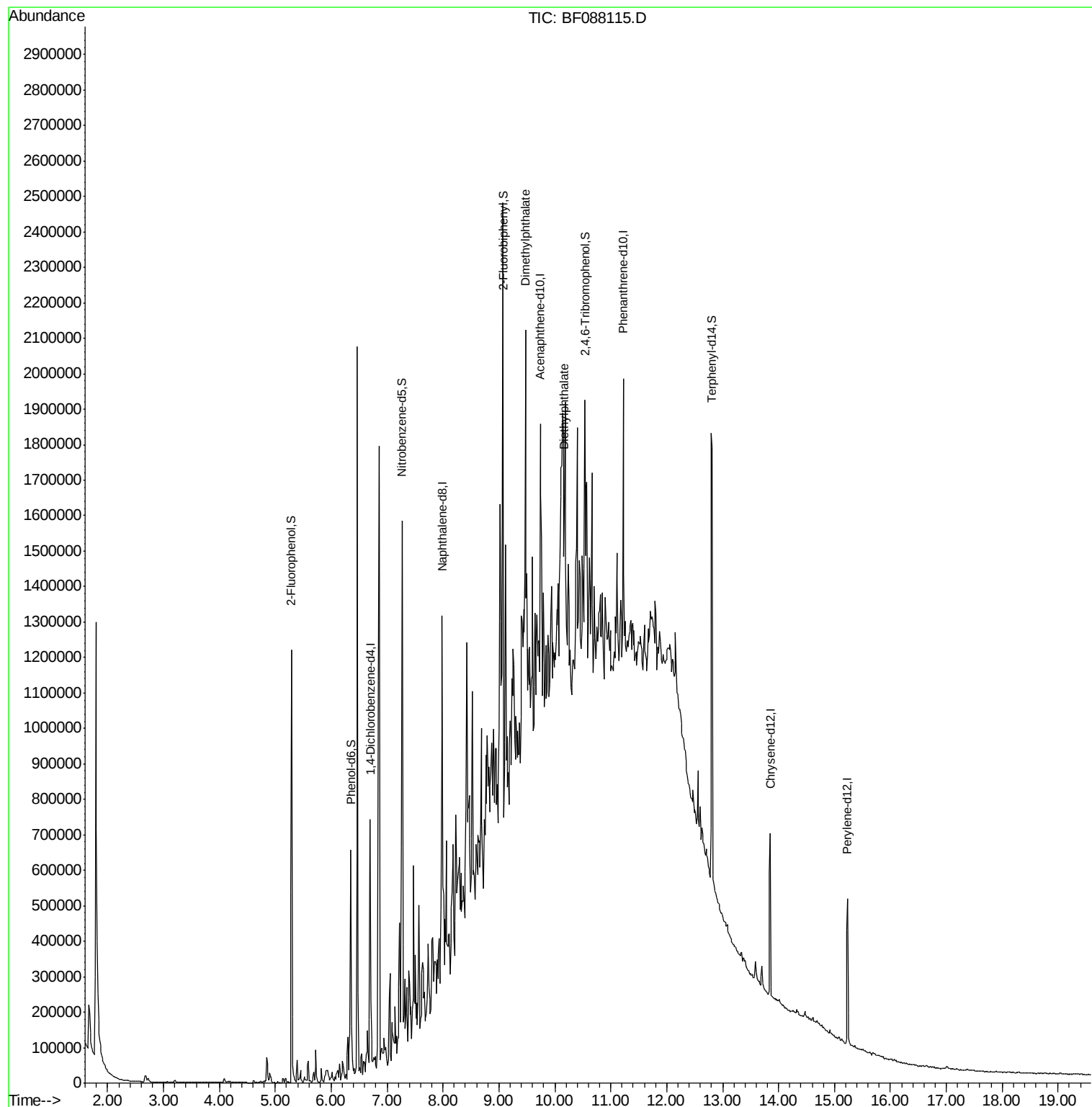
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	101575	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	370972	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	155311	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	244084	20.00	ng	0.01
75) Chrysene-d12	13.85	240	208543	20.00	ng	0.00
86) Perylene-d12	15.23	264	206876	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	443653	74.67	ng	0.01
7) Phenol-d6	6.35	99	375719	52.18	ng	0.00
23) Nitrobenzene-d5	7.27	82	511851	80.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	161182	98.29	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	916051	93.19	ng	0.00
78) Terphenyl-d14	12.81	244	674908	73.64	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.47	163	78259	6.96	ng	# 81
59) Diethylphthalate	10.17	149	40029	3.52	ng	# 50

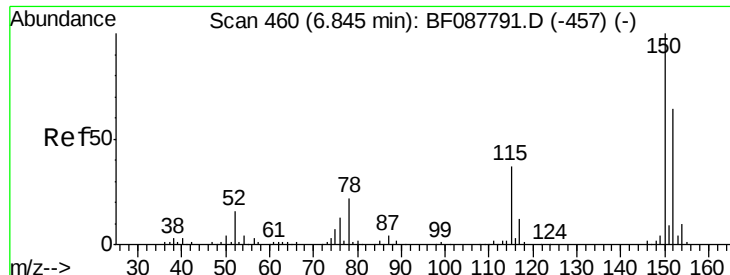
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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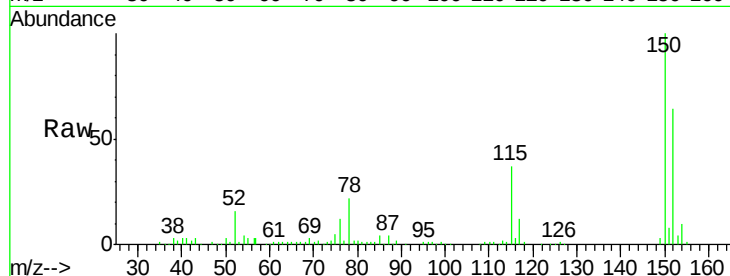


#1

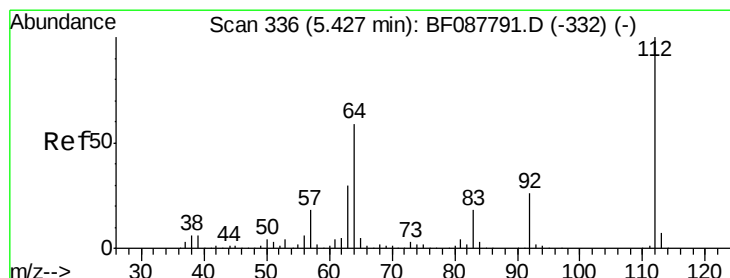
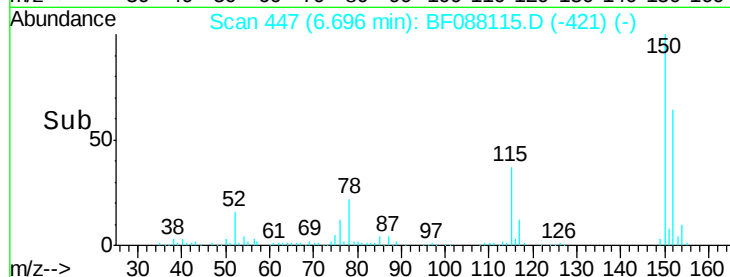
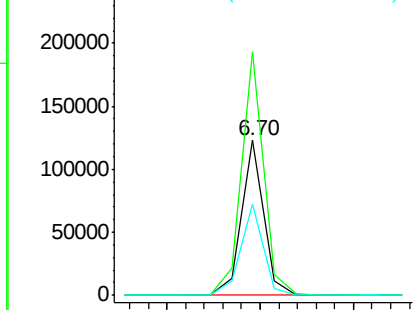
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF088115.D
Acq: 18 Jun 2016 2:37

Instrument :
BNA_F
ClientSampleId :
MW-15

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.8	185.6
115	58.8	39.6	59.4



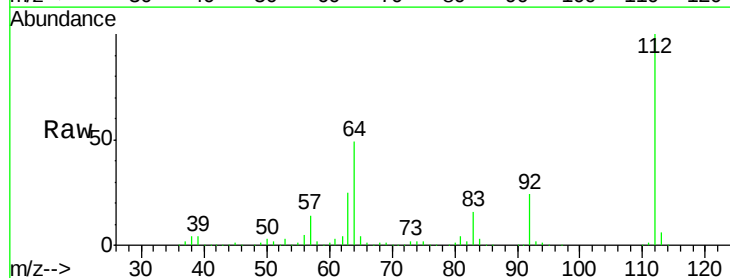
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



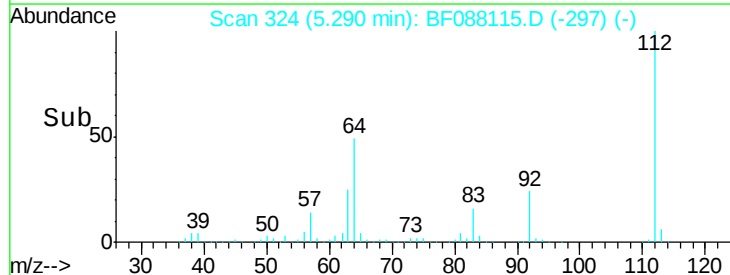
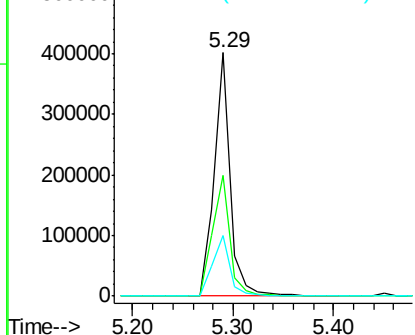
#5

2-Fluorophenol
Concen: 74.67 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.01 min
Lab File: BF088115.D
Acq: 18 Jun 2016 2:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.3	42.2	63.2
63	24.9	21.8	32.8



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: 52.18 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088115.D

Acq: 18 Jun 2016 2:37

Instrument :

BNA_F

ClientSampleId :

MW-15

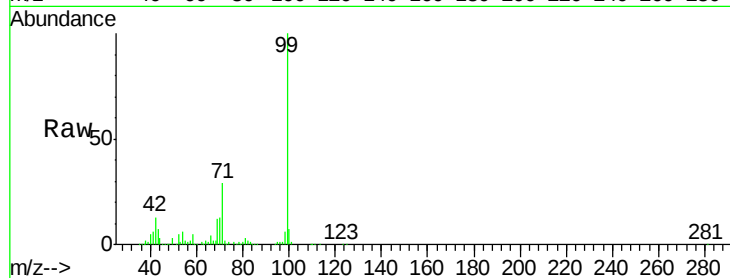
Tot Ion: 99 Resp: 375719

Ion Ratio Lower Upper

99 100

42 13.1 12.2 18.2

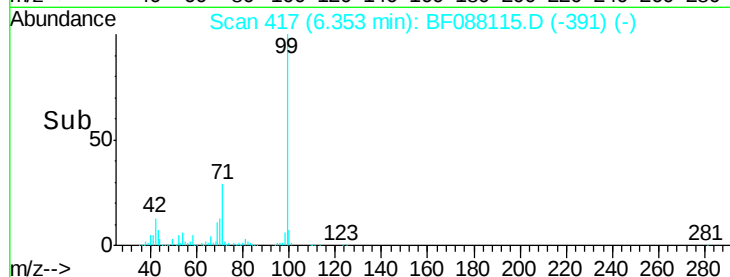
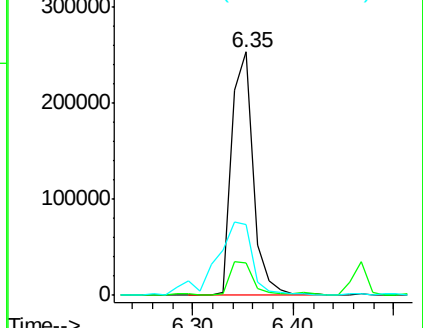
71 29.3 23.4 35.0



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: 7.99 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF088115.D

Acq: 18 Jun 2016 2:37

Tgt Ion: 136 Resp: 370972

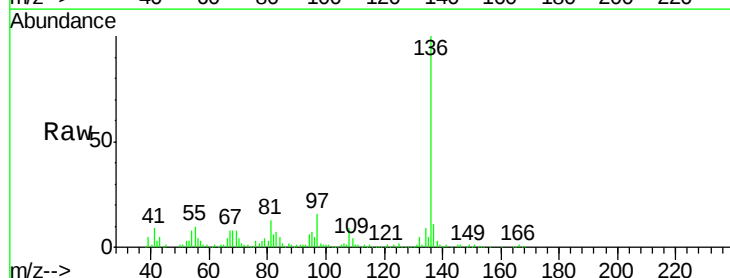
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.2 6.6 10.0

68 7.6 5.1 7.7

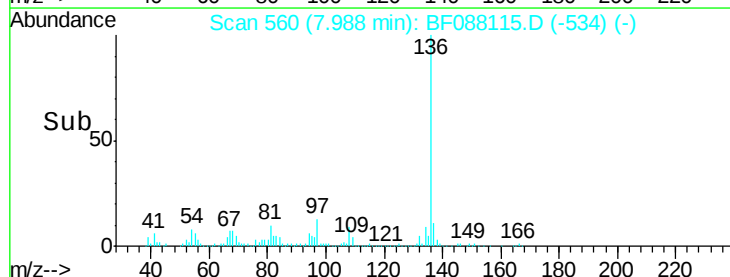
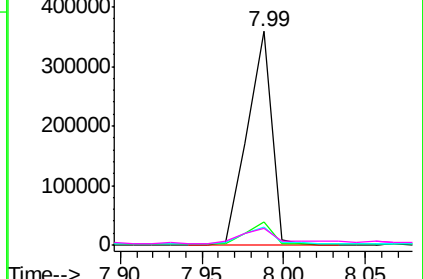


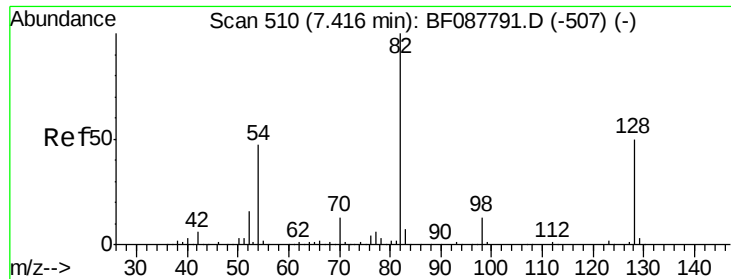
Abundance Ion 136.00 (135.70 to 136.70): E

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

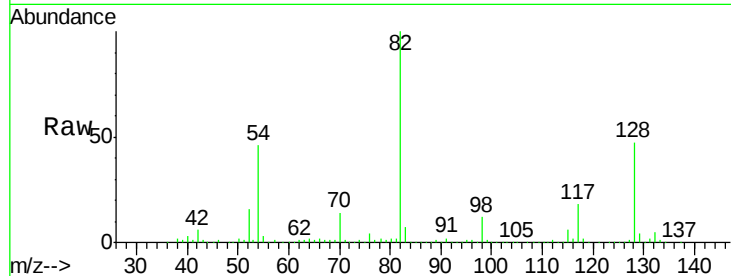




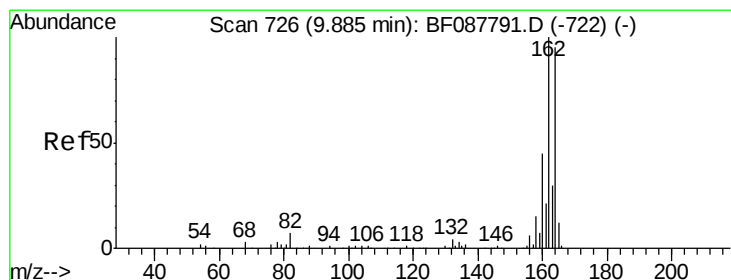
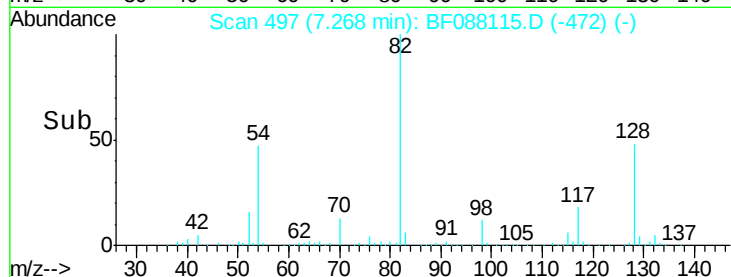
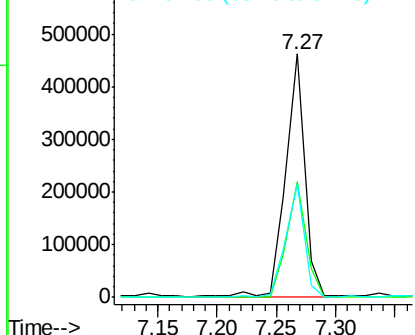
#23
 Nitrobenzene-d5
 Concen: 80.57 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088115.D
 Acq: 18 Jun 2016 2:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tot Ion	82	Resp	511851
Ion Ratio	100	Lower	Upper
128	47.3	35.9	53.9
54	46.5	40.9	61.3

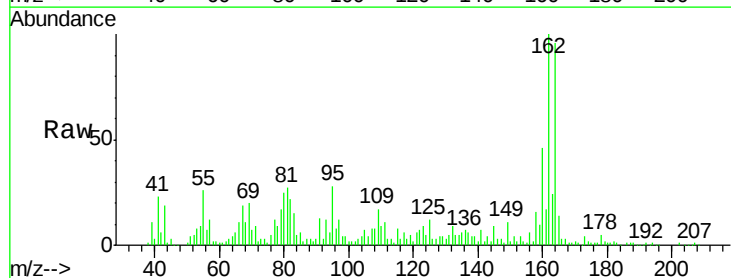


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

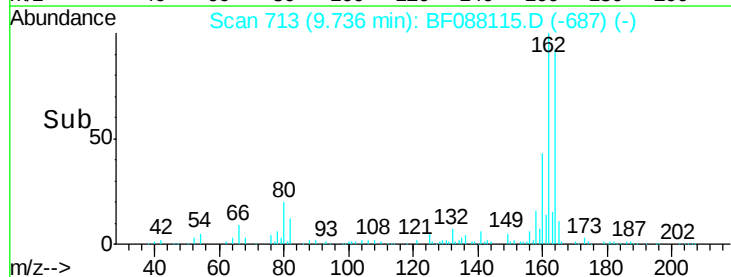
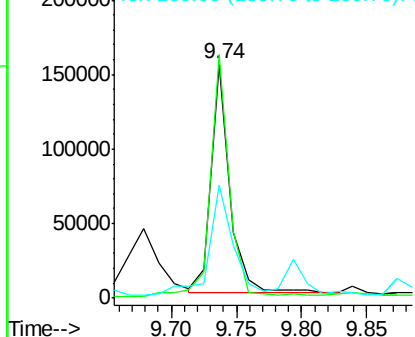


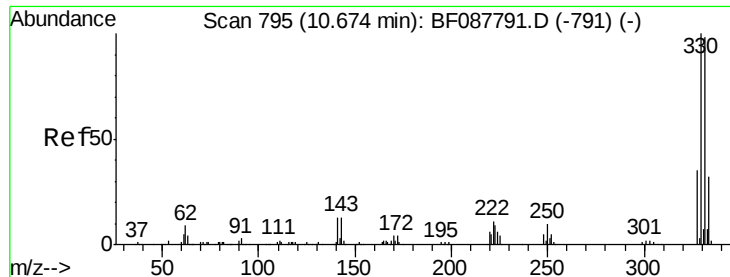
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF088115.D
 Acq: 18 Jun 2016 2:37

Tgt Ion	164	Resp	155311
Ion Ratio	100	Lower	Upper
162	104.3	85.4	128.2
160	48.3	39.5	59.3



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

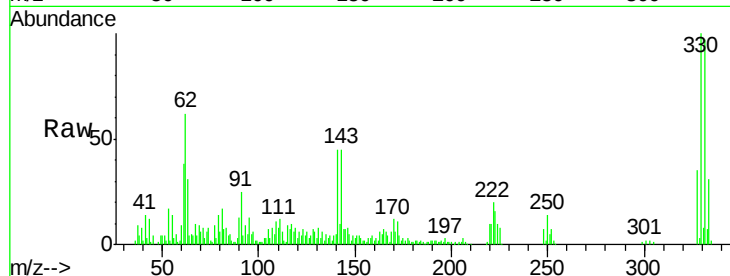




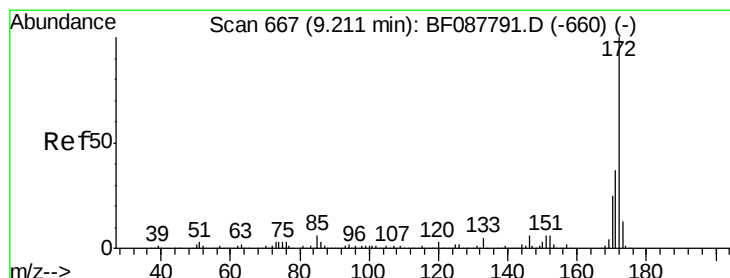
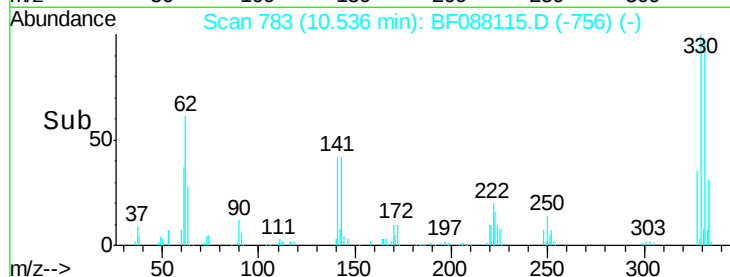
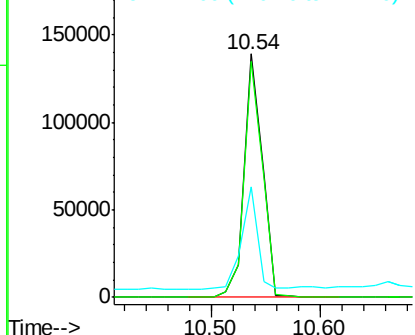
#41
 2,4,6-Tribromophenol
 Concen: 98.29 ng
 RT: 10.54 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: BF088115.D
 Acq: 18 Jun 2016 2:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tot Ion:330 Resp: 161182
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 35.7 0.0 0.0#

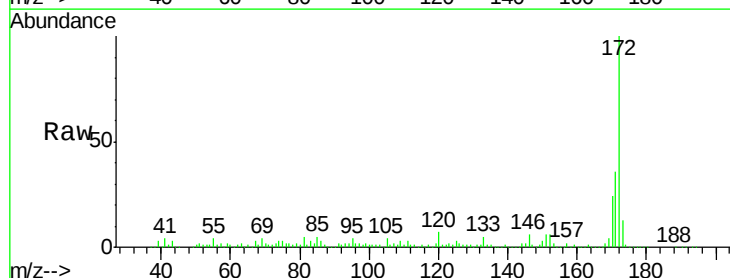


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

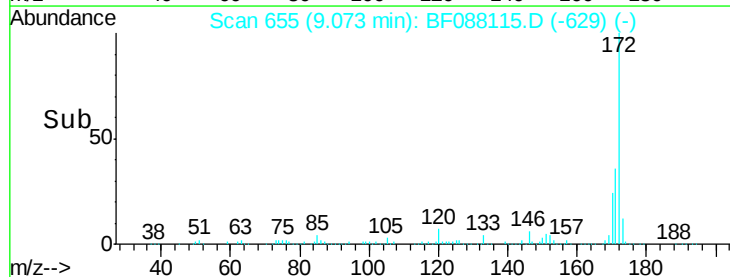
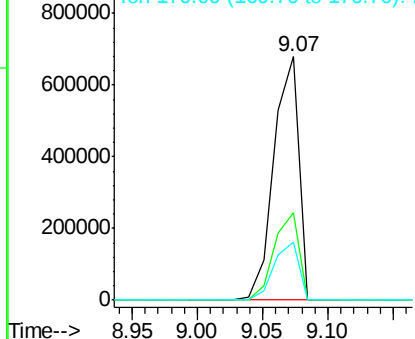


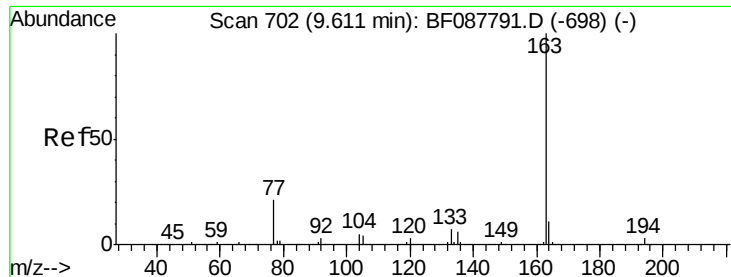
#44
 2-Fluorobiphenyl
 Concen: 93.19 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088115.D
 Acq: 18 Jun 2016 2:37

Tgt Ion:172 Resp: 916051
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.9 19.2 28.8



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: 6.96 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF088115.D

Acq: 18 Jun 2016 2:37

Instrument :

BNA_F

ClientSampleId :

MW-15

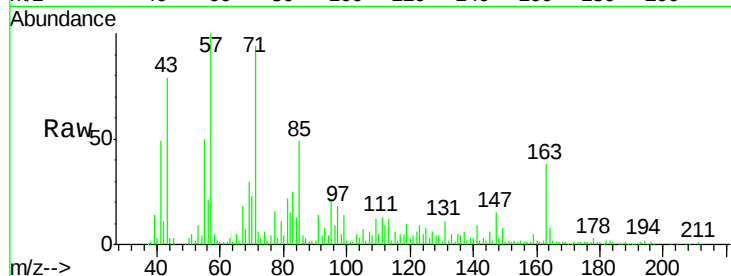
Tot Ion:163 Resp: 78259

Ion Ratio Lower Upper

163 100

194 4.3 2.8 4.2#

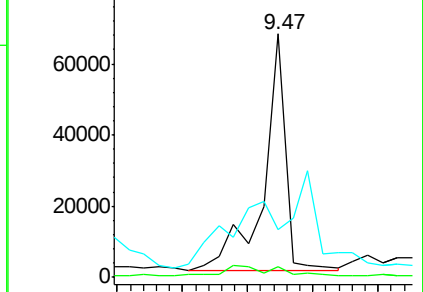
164 19.6 8.3 12.5#



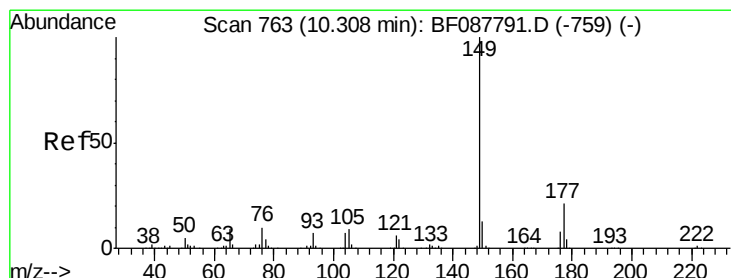
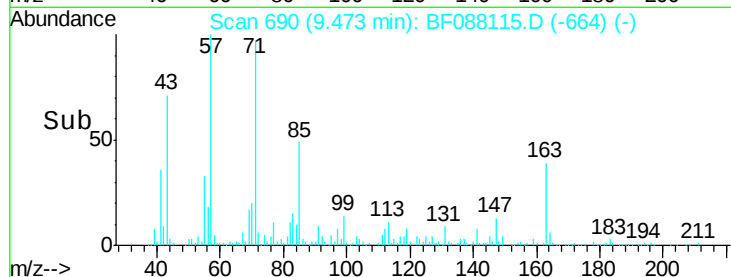
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 9.35 9.40 9.45 9.50 9.55



#59

Diethylphthalate

Concen: 3.52 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF088115.D

Acq: 18 Jun 2016 2:37

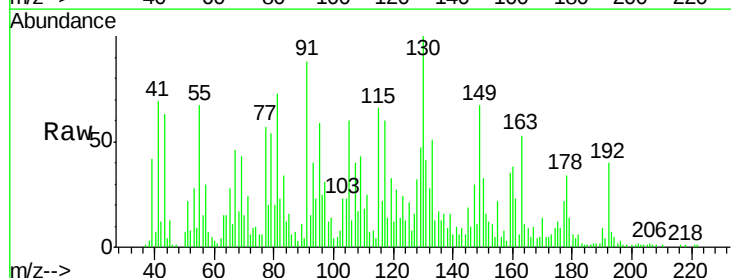
Tgt Ion:149 Resp: 40029

Ion Ratio Lower Upper

149 100

177 32.4 16.9 25.3#

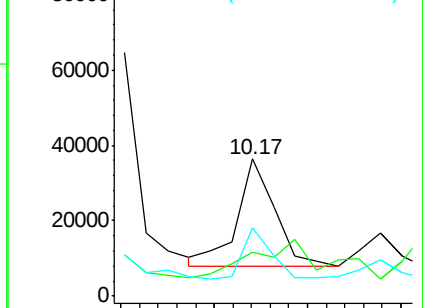
150 49.5 10.1 15.1#



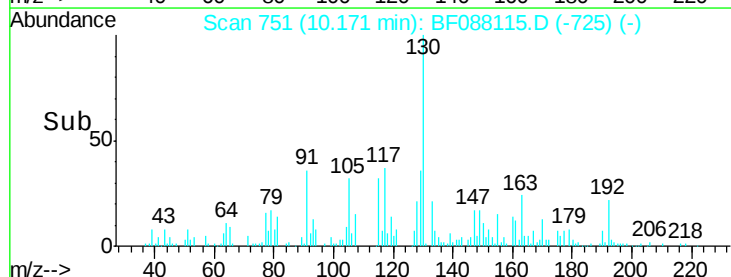
Abundance Ion 149.00 (148.70 to 149.70): E

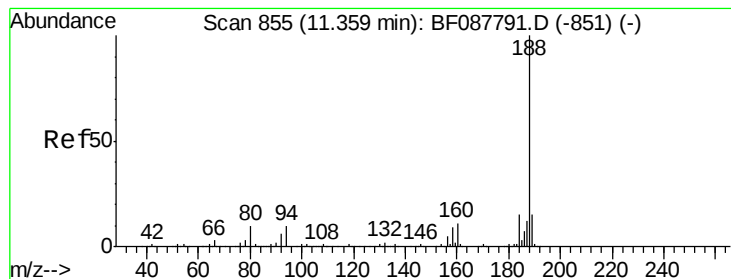
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time--> 10.10 10.15 10.20





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF088115.D

Acq: 18 Jun 2016 2:37

Instrument :

BNA_F

ClientSampleId :

MW-15

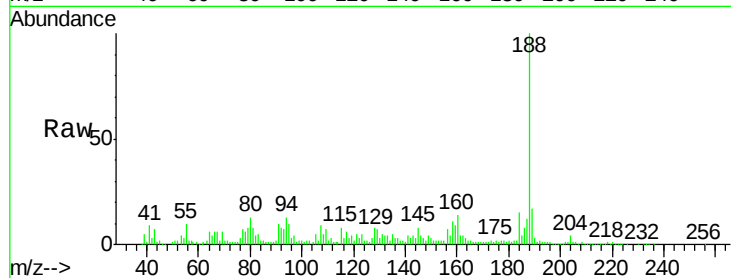
Tot Ion:188 Resp: 244084

Ion Ratio Lower Upper

188 100

94 13.4 9.0 13.6

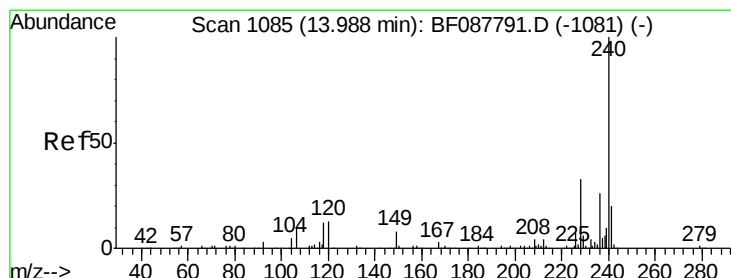
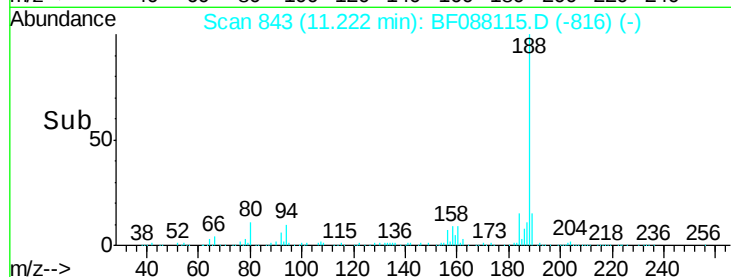
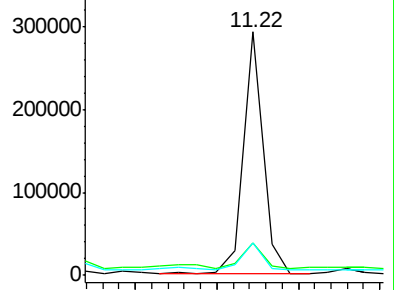
80 13.1 10.0 15.0



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: 13.85 min Scan# 1073

Delta R.T. 0.00 min

Lab File: BF088115.D

Acq: 18 Jun 2016 2:37

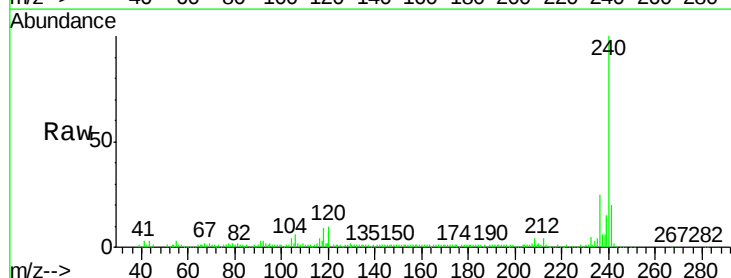
Tgt Ion:240 Resp: 208543

Ion Ratio Lower Upper

240 100

120 9.8 6.8 10.2

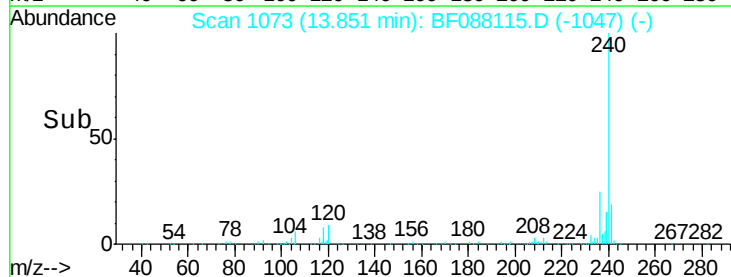
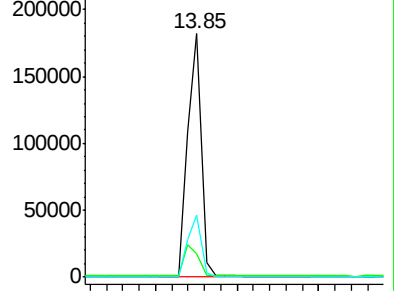
236 25.5 20.2 30.2

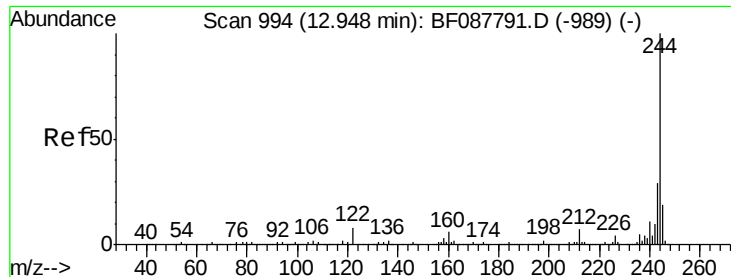


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

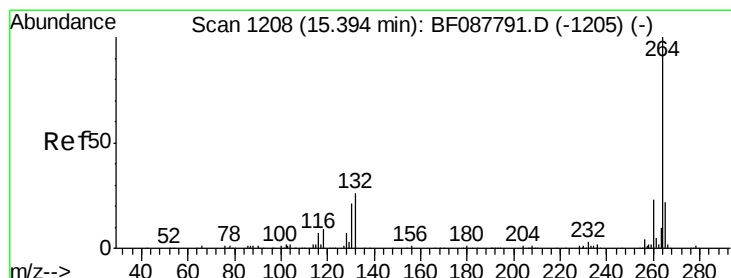
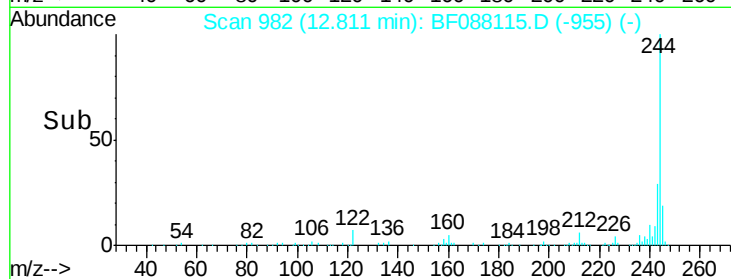
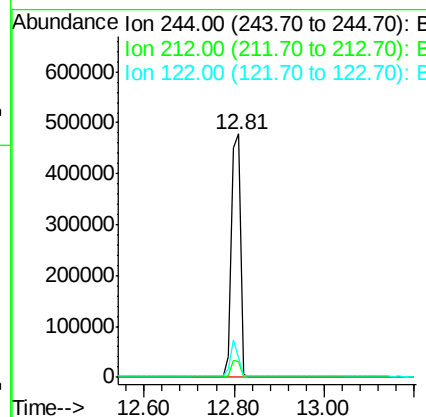
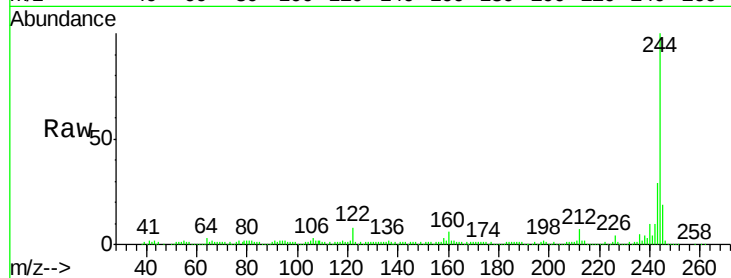




#78
 Terphenyl-d14
 Concen: 73.64 ng
 RT: 12.81 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: BF088115.D
 Acq: 18 Jun 2016 2:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tot Ion:244 Resp: 674908
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 8.0 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BF088115.D
 Acq: 18 Jun 2016 2:37

Tgt Ion:264 Resp: 206876
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.4 16.9 25.3

