

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088117.D
 Acq On : 18 Jun 2016 3:36
 Operator : UM/SJ
 Sample : H3542-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: Jun 18 04:09:36 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

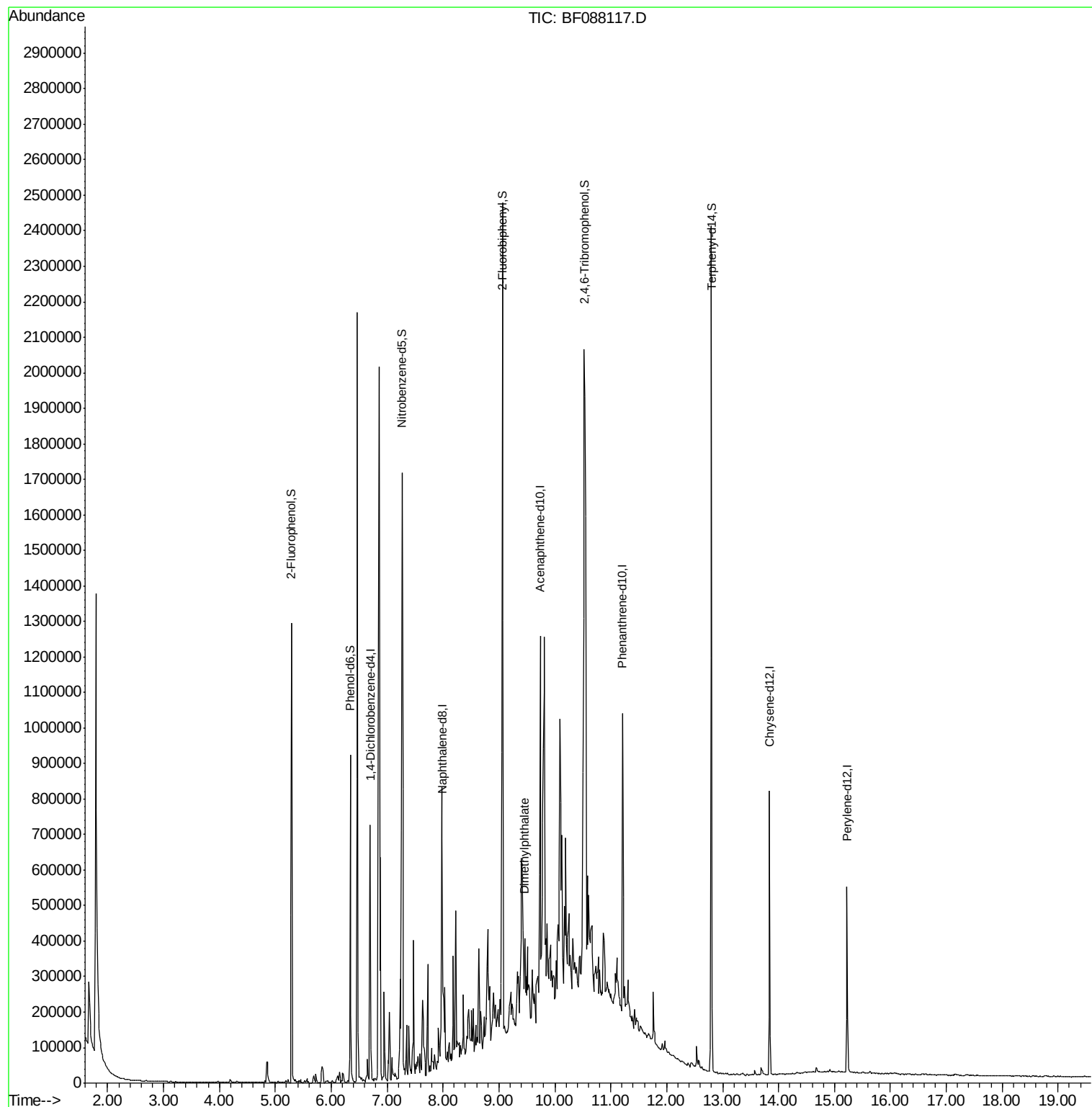
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	110643	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	427054	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	219250	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	327366	20.00	ng	0.00
75) Chrysene-d12	13.84	240	259702	20.00	ng	-0.01
86) Perylene-d12	15.22	264	211871	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	419265	64.78	ng	0.01
7) Phenol-d6	6.34	99	322572	41.13	ng	-0.01
23) Nitrobenzene-d5	7.27	82	558963	76.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	207996	89.85	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1047765	74.38	ng	-0.01
78) Terphenyl-d14	12.80	244	833517	73.03	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	58375	3.68	ng	Qvalue # 94

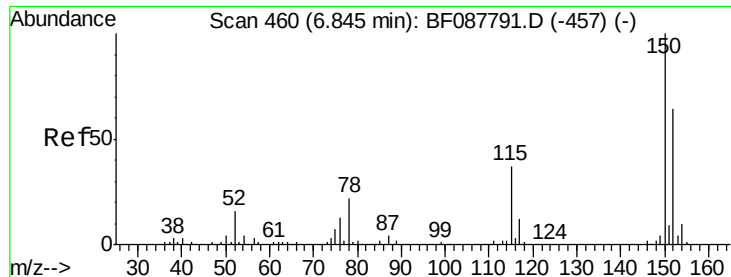
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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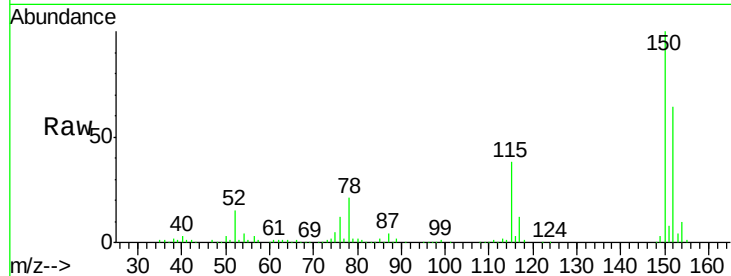


#1

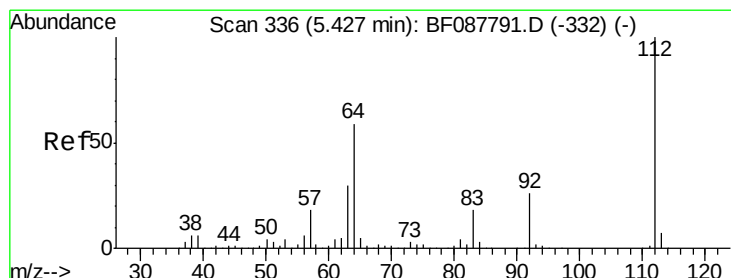
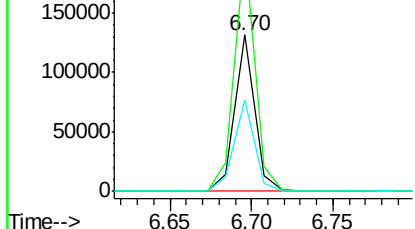
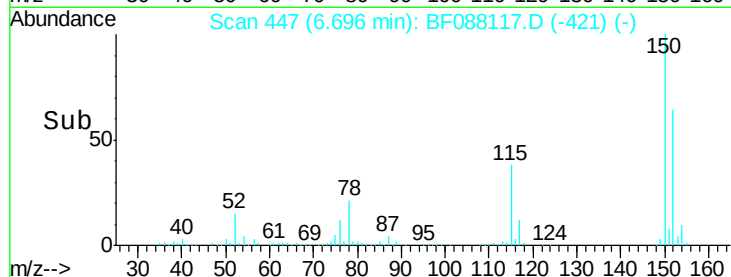
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF088117.D
Acq: 18 Jun 2016 3:36

Instrument :
BNA_F
ClientSampleId :
MW-20

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.8	185.6
115	58.4	39.6	59.4



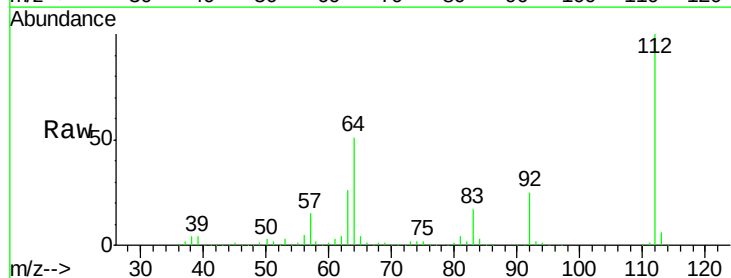
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



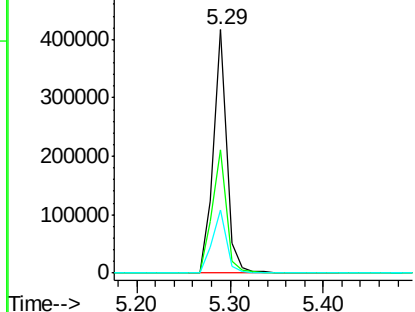
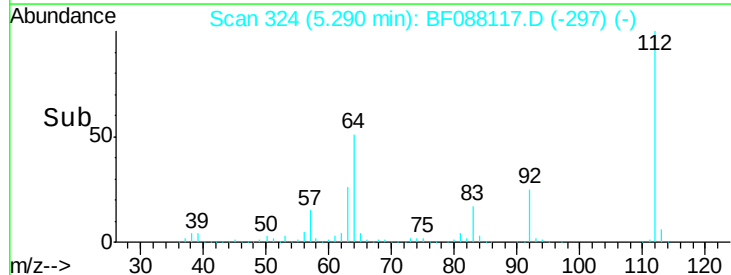
#5

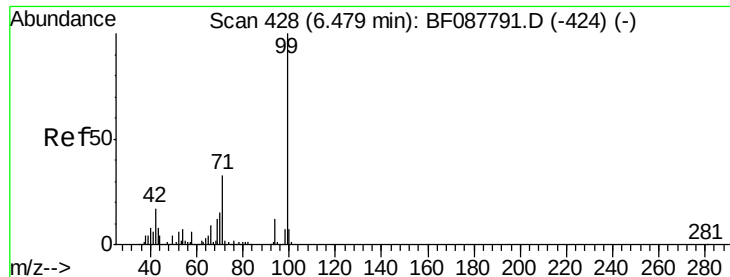
2-Fluorophenol
Concen: 64.78 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.01 min
Lab File: BF088117.D
Acq: 18 Jun 2016 3:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.8	42.2	63.2
63	26.1	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: 41.13 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088117.D

Acq: 18 Jun 2016 3:36

Instrument :

BNA_F

ClientSampleId :

MW-20

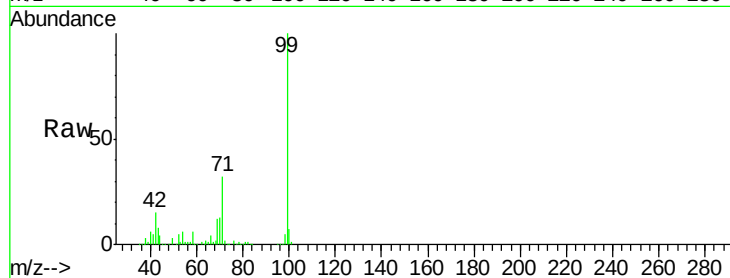
Tot Ion: 99 Resp: 322572

Ion Ratio Lower Upper

99 100

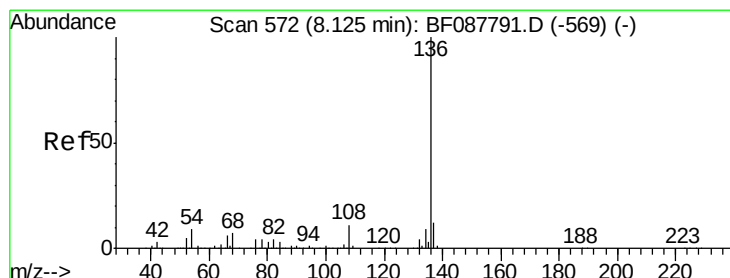
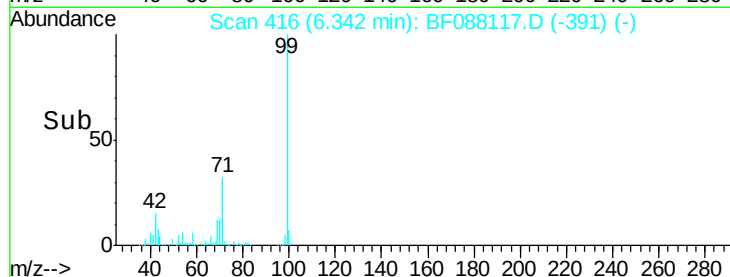
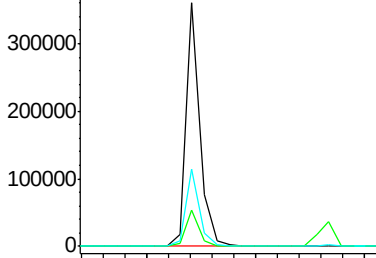
42 15.0 12.2 18.2

71 31.7 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

6.34



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF088117.D

Acq: 18 Jun 2016 3:36

Tgt Ion: 136 Resp: 427054

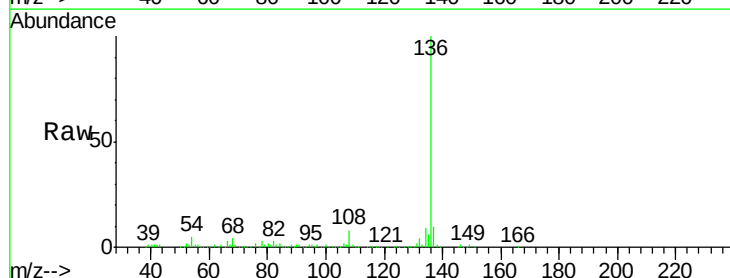
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

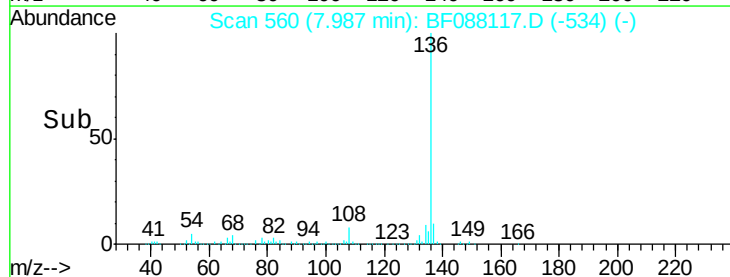
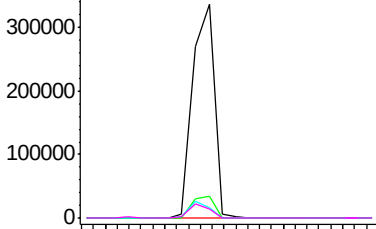
54 4.8 6.6 10.0#

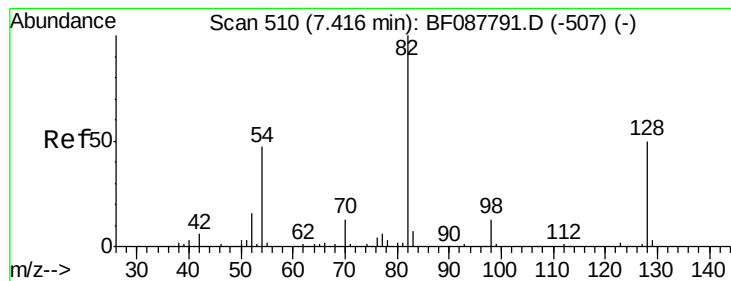
68 4.4 5.1 7.7#



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

7.99





#23

Nitrobenzene-d5

Concen: 76.43 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088117.D

Acq: 18 Jun 2016 3:36

Instrument :

BNA_F

ClientSampleId :

MW-20

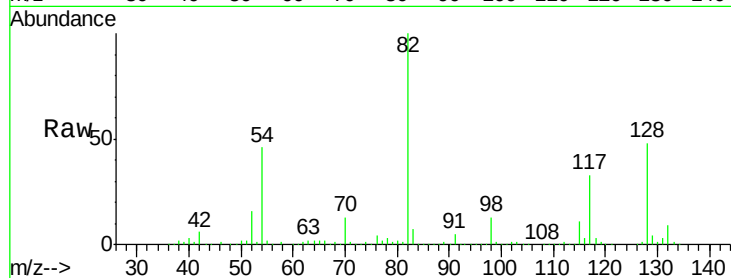
Tot Ion: 82 Resp: 558963

Ion Ratio Lower Upper

82 100

128 48.0 35.9 53.9

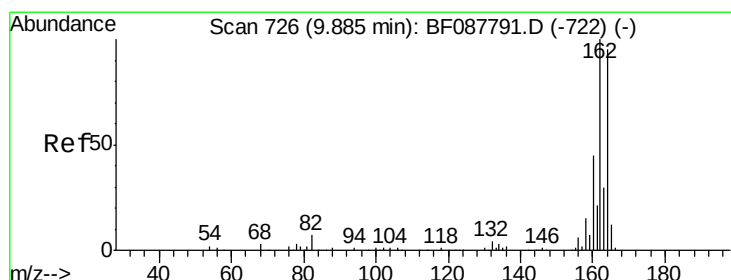
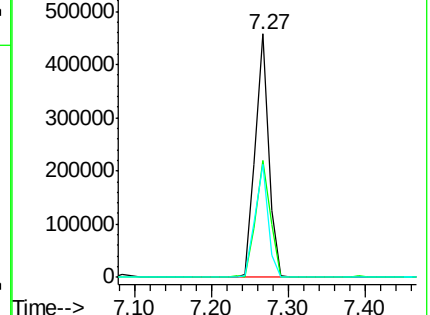
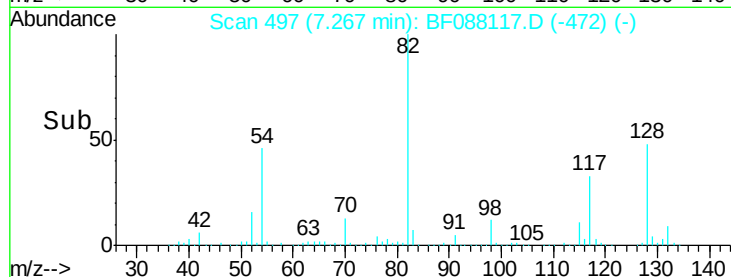
54 46.5 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

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: BF088117.D

Acq: 18 Jun 2016 3:36

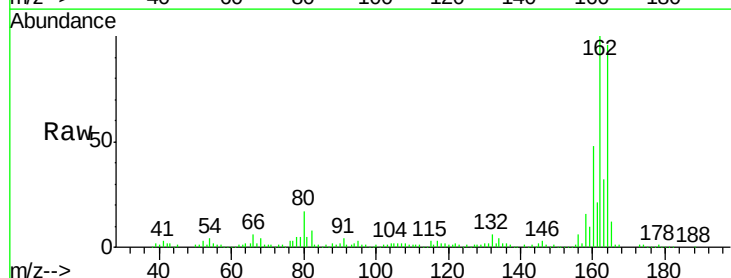
Tgt Ion:164 Resp: 219250

Ion Ratio Lower Upper

164 100

162 103.6 85.4 128.2

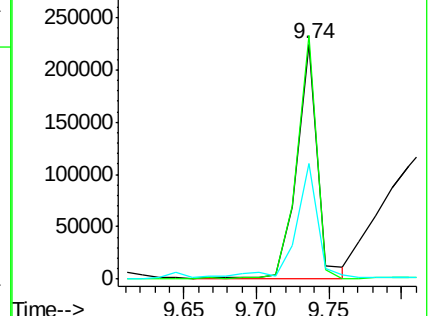
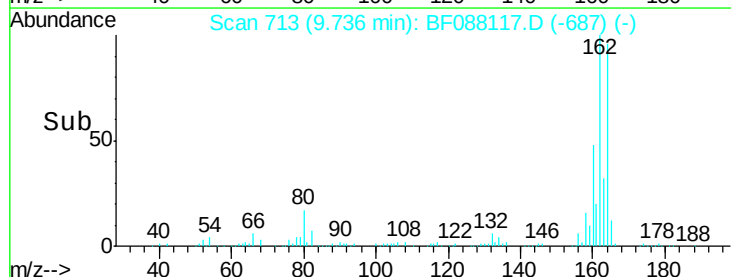
160 49.5 39.5 59.3

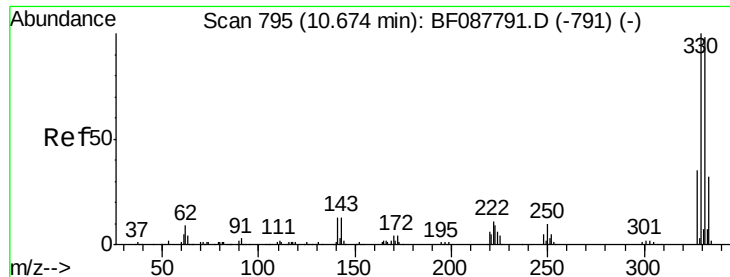


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

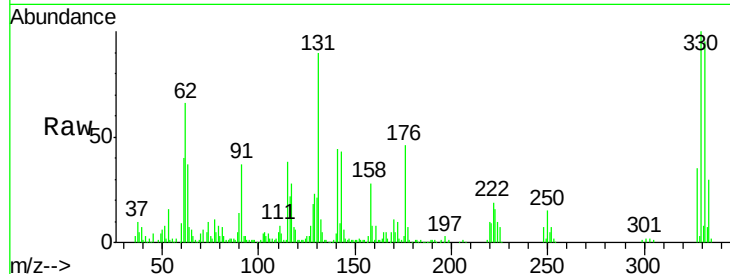




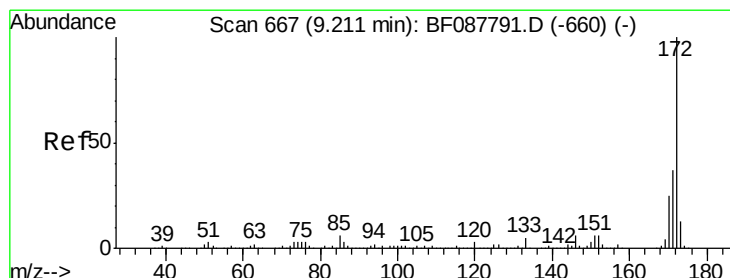
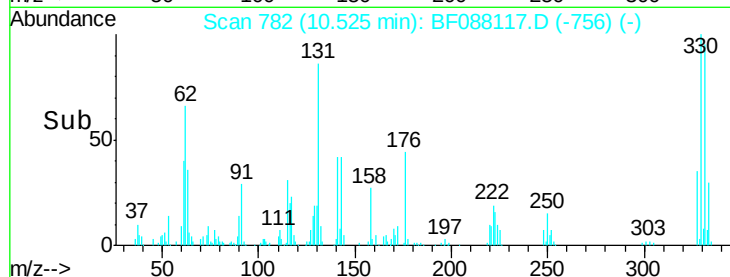
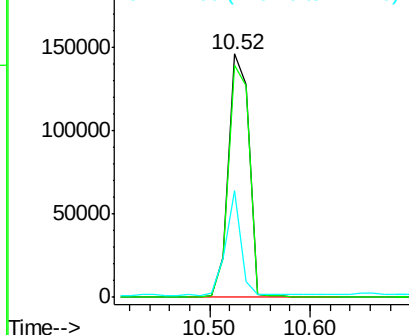
#41
 2,4,6-Tribromophenol
 Concen: 89.85 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF088117.D
 Acq: 18 Jun 2016 3:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	31.5	0.0	0.0#

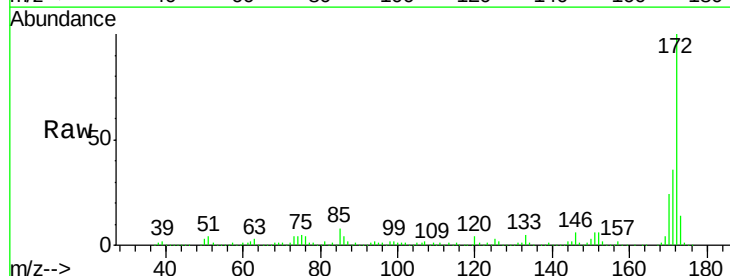


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

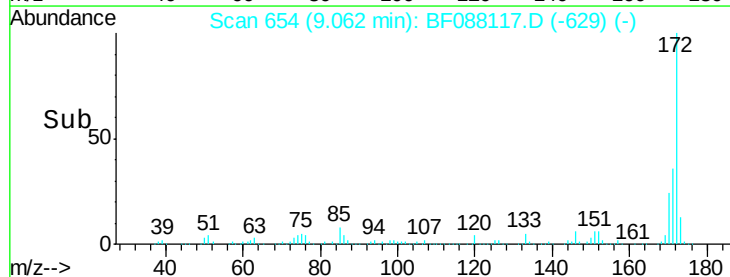
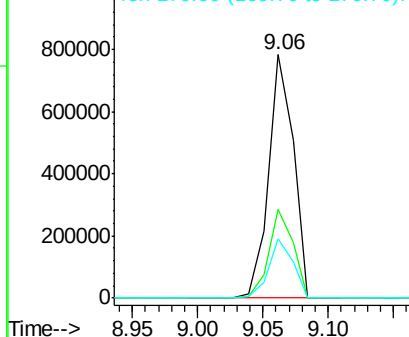


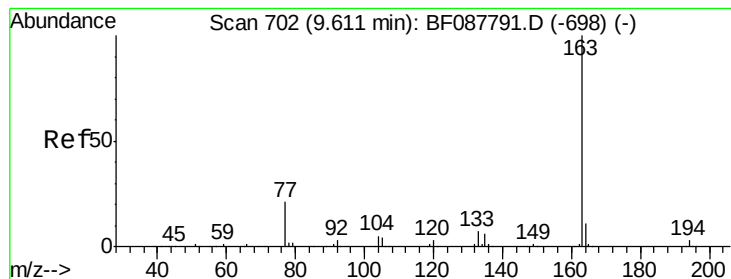
#44
 2-Fluorobiphenyl
 Concen: 74.38 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088117.D
 Acq: 18 Jun 2016 3:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.2	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: 3.68 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF088117.D

Acq: 18 Jun 2016 3:36

Instrument :

BNA_F

ClientSampleId :

MW-20

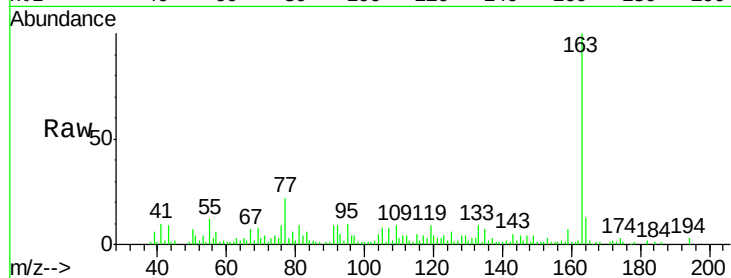
Tot Ion:163 Resp: 58375

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

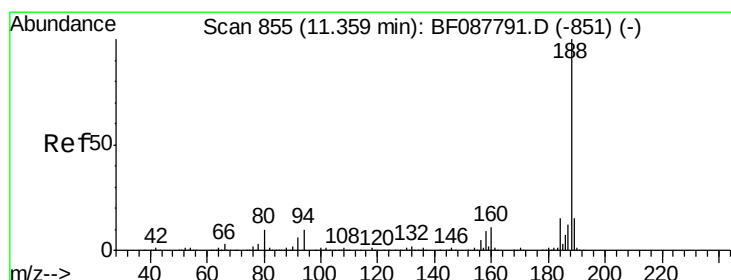
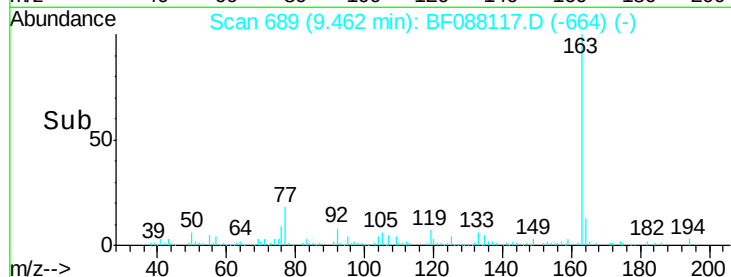
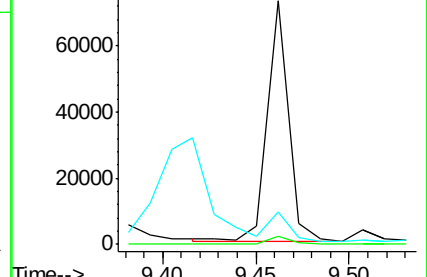
164 13.2 8.3 12.5#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF088117.D

Acq: 18 Jun 2016 3:36

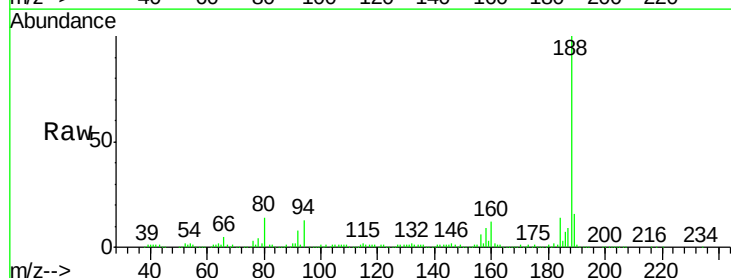
Tgt Ion:188 Resp: 327366

Ion Ratio Lower Upper

188 100

94 13.1 9.0 13.6

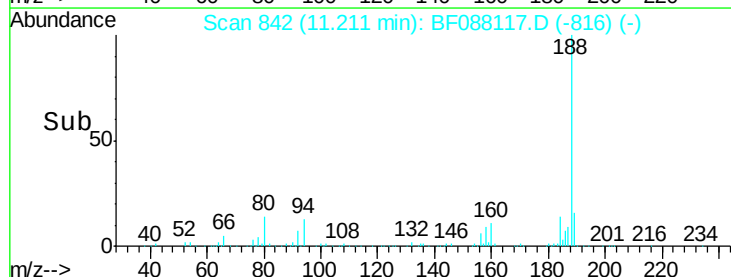
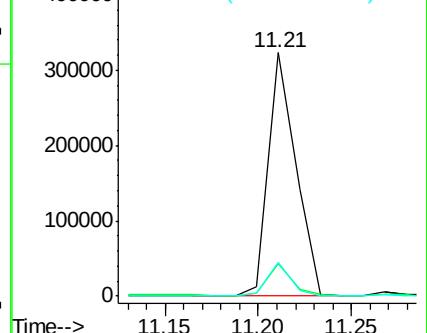
80 14.1 10.0 15.0

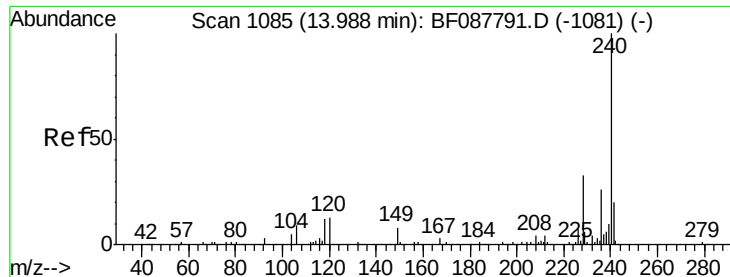


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088117.D

Acq: 18 Jun 2016 3:36

Instrument :

BNA_F

ClientSampleId :

MW-20

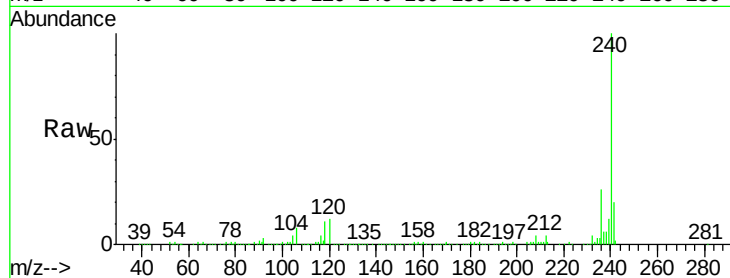
Tot Ion:240 Resp: 259702

Ion Ratio Lower Upper

240 100

120 12.4 6.8 10.2#

236 25.9 20.2 30.2

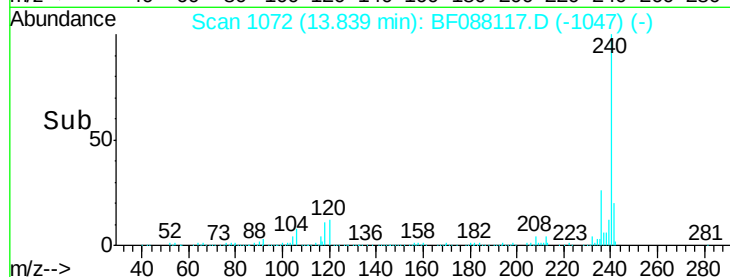


Abundance Ion 240.00 (239.70 to 240.70): E

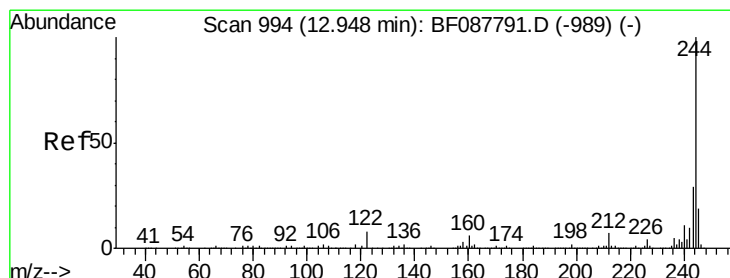
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.84



Time-->



#78

Terphenyl-d14

Concen: 73.03 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF088117.D

Acq: 18 Jun 2016 3:36

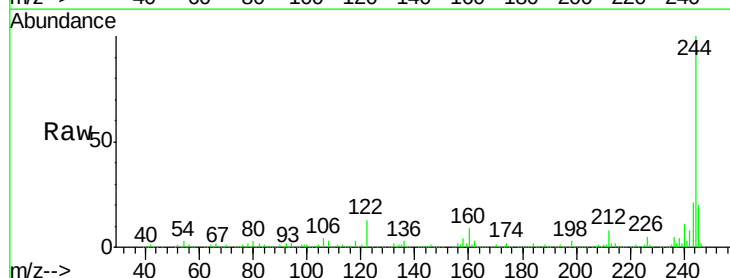
Tgt Ion:244 Resp: 833517

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 12.9 11.2 16.8

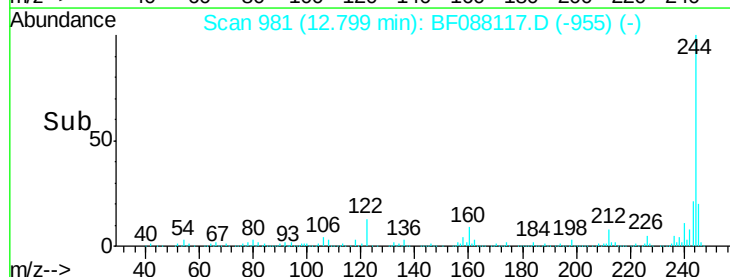


Abundance Ion 244.00 (243.70 to 244.70): E

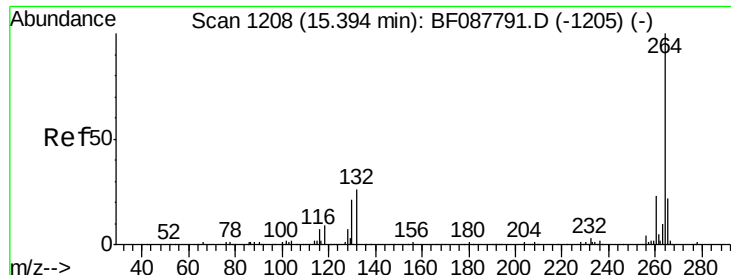
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.80



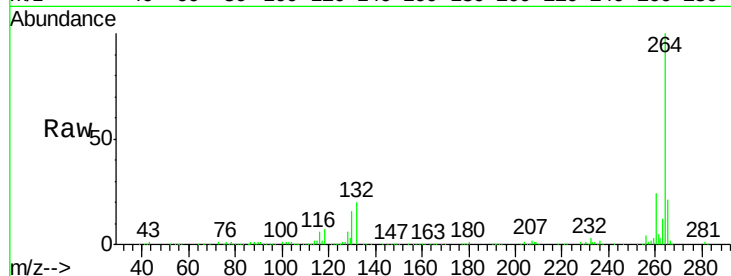
Time-->



#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BF088117.D
Acq: 18 Jun 2016 3:36

Instrument :
BNA_F
ClientSampleId :
MW-20

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.6	19.2	28.8	
265	21.2	16.9	25.3	



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

