

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088105.D
 Acq On : 17 Jun 2016 21:02
 Operator : UM/SJ
 Sample : H3591-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-2

Quant Time: Jun 18 00:55:48 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

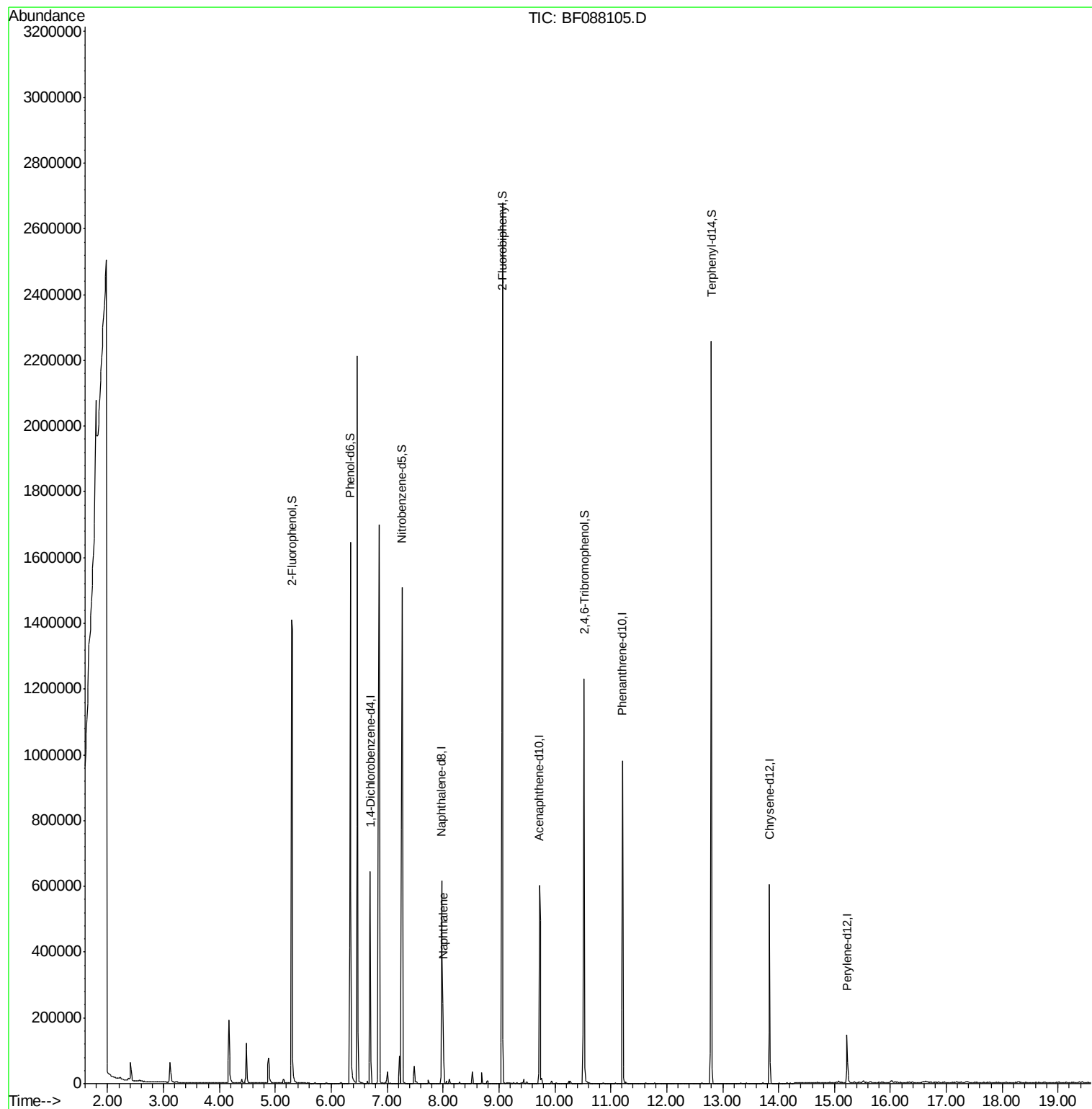
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	96419	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	367683	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	159454	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	347993	20.00	ng	0.00
75) Chrysene-d12	13.84	240	202419	20.00	ng	-0.01
86) Perylene-d12	15.22	264	42339	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	659381	116.91	ng	0.02
7) Phenol-d6	6.34	99	642930	94.06	ng	-0.01
23) Nitrobenzene-d5	7.27	82	576416	91.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	232243	137.94	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	926096	91.67	ng	-0.01
78) Terphenyl-d14	12.80	244	857260	96.37	ng	0.00
Target Compounds						
31) Naphthalene	8.00	128	115673	6.36	ng	Qvalue 98

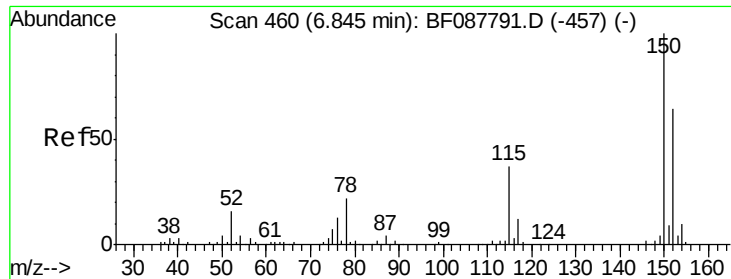
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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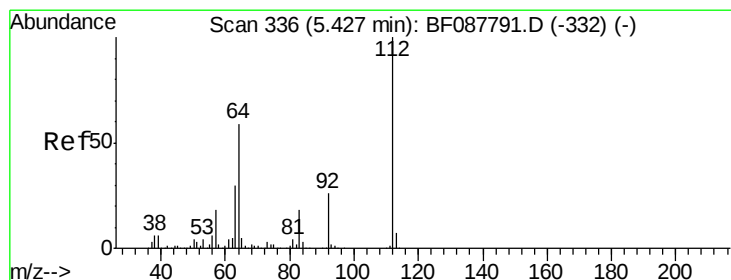
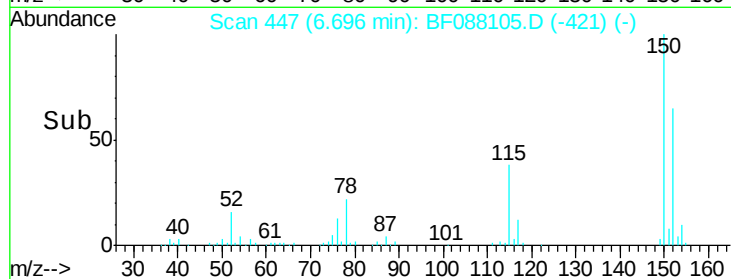
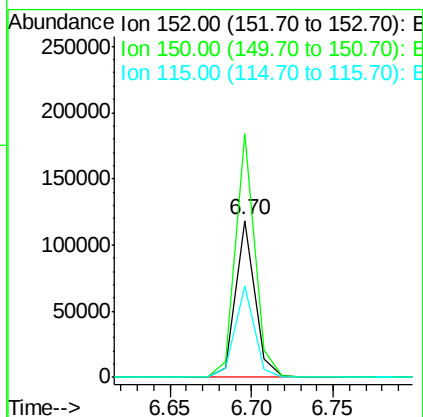
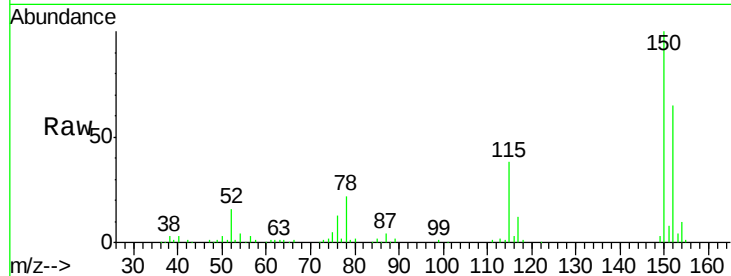


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF088105.D
Acq: 17 Jun 2016 21:02

Instrument :
BNA_F
ClientSampleId :
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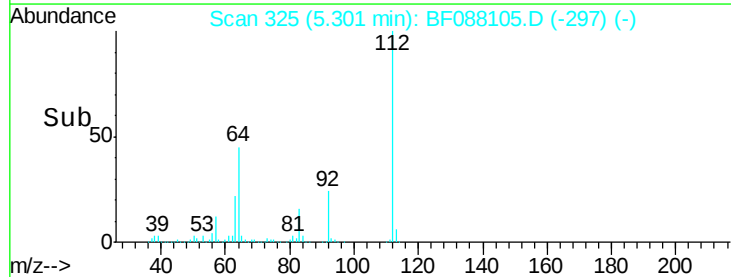
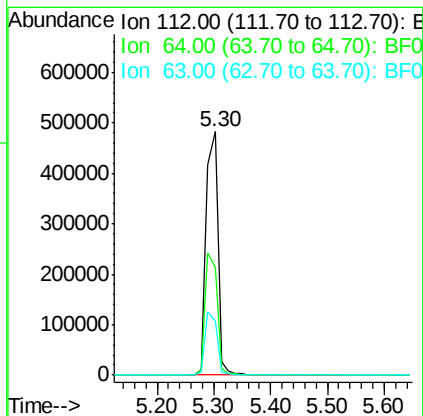
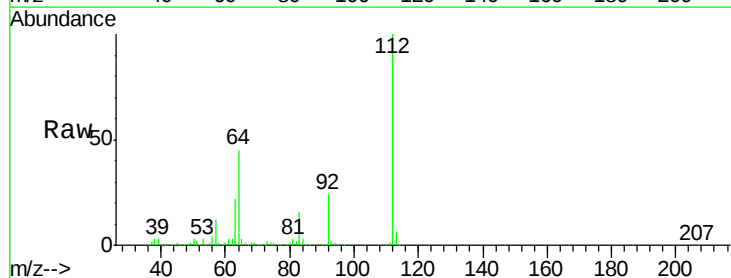
Tot Ion:152 Resp: 96419
Ion Ratio Lower Upper
152 100
150 154.9 123.8 185.6
115 58.5 39.6 59.4

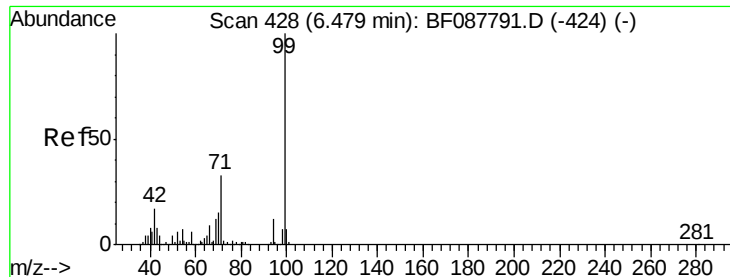


#5

2-Fluorophenol
Concen: 116.91 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.02 min
Lab File: BF088105.D
Acq: 17 Jun 2016 21:02

Tgt Ion:112 Resp: 659381
Ion Ratio Lower Upper
112 100
64 44.6 42.2 63.2
63 22.5 21.8 32.8





#7

Phenol-d6

Concen: 94.06 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088105.D

Acq: 17 Jun 2016 21:02

Instrument :

BNA_F

ClientSampleId :

W-2

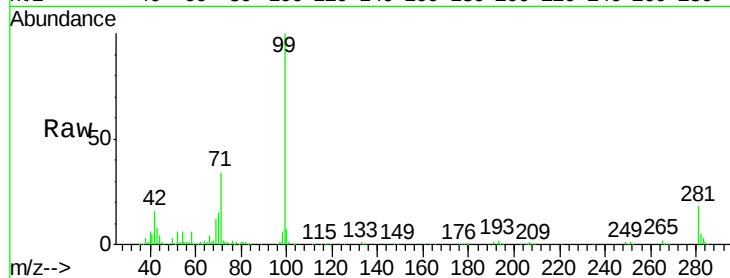
Tot Ion: 99 Resp: 642930

Ion Ratio Lower Upper

99 100

42 15.9 12.2 18.2

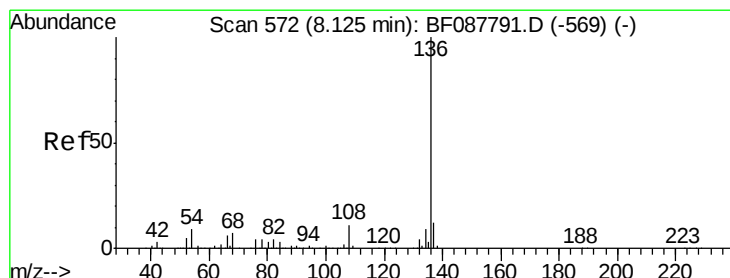
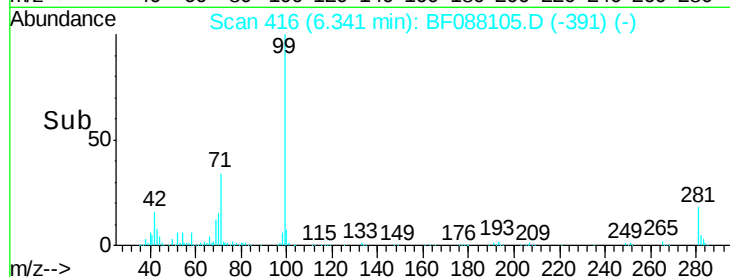
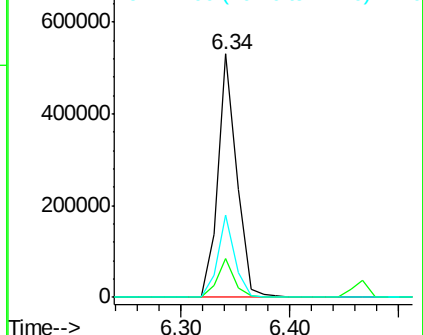
71 33.6 23.4 35.0



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: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088105.D

Acq: 17 Jun 2016 21:02

Tgt Ion: 136 Resp: 367683

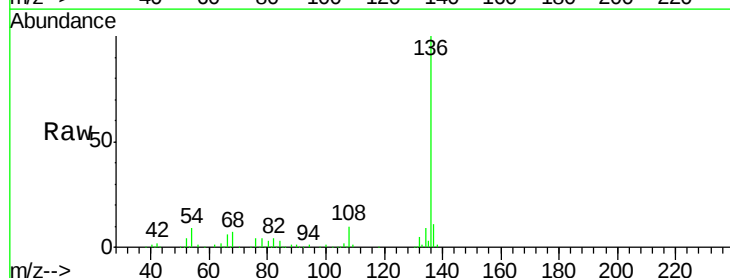
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.5 6.6 10.0

68 7.2 5.1 7.7

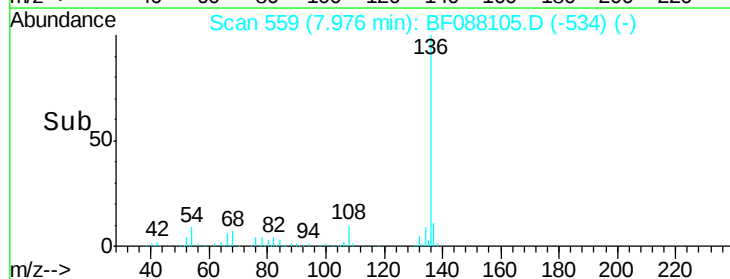
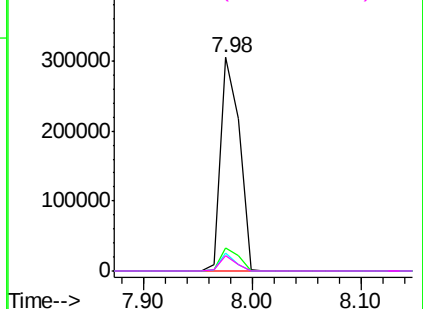


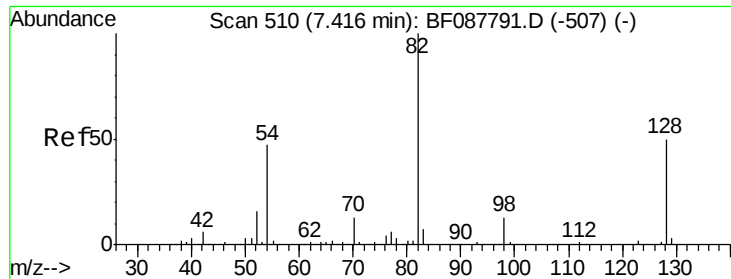
Abundance Ion 136.00 (135.70 to 136.70): E

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

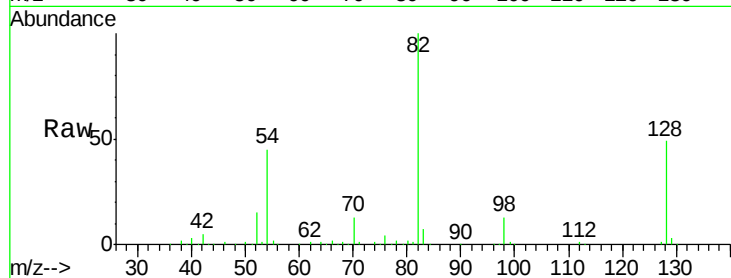




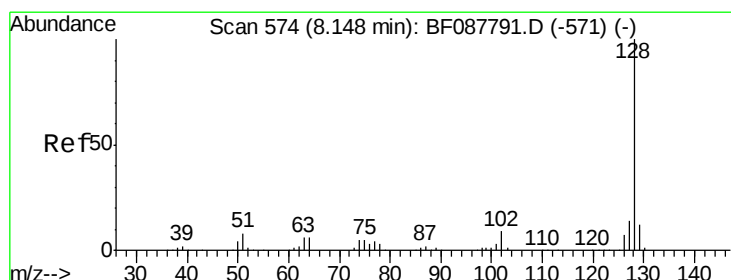
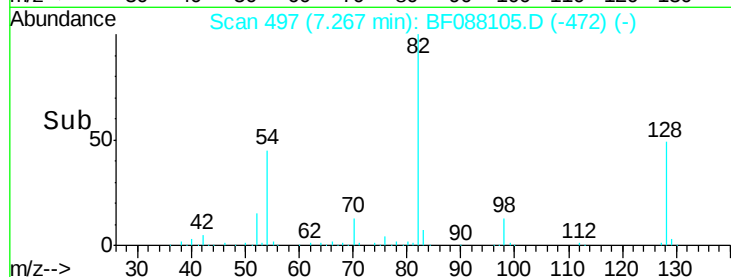
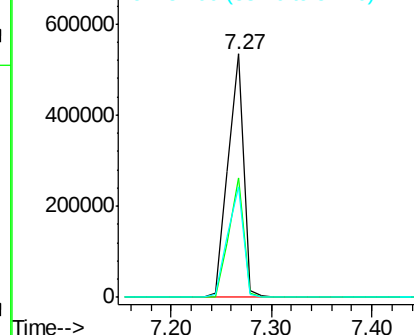
#23
 Nitrobenzene-d5
 Concen: 91.54 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088105.D
 Acq: 17 Jun 2016 21:02

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	82	Resp	576416
Ion Ratio	100		
Lower	35.9		
Upper	53.9		
128	49.1		
54	45.2		
	40.9		
	61.3		

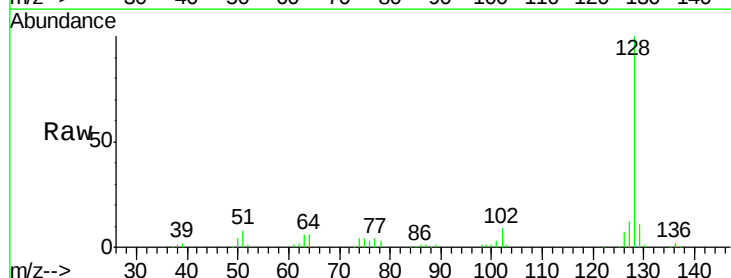


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

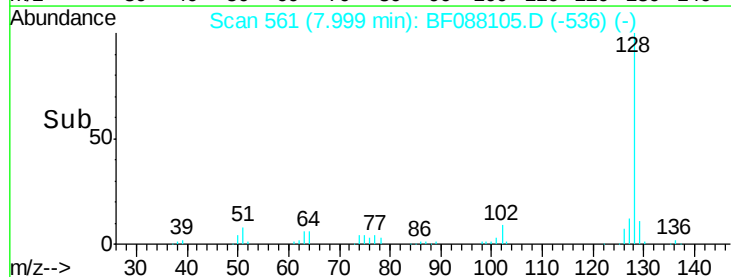
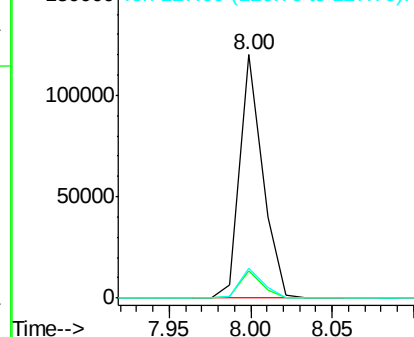


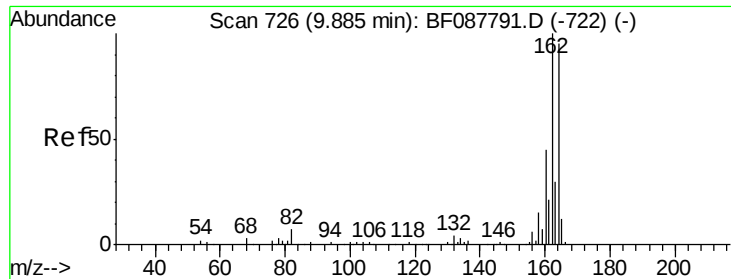
#31
 Naphthalene
 Concen: 6.36 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF088105.D
 Acq: 17 Jun 2016 21:02

Tgt Ion	128	Resp	115673
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>9.4</td> <td></td> <td></td>	9.4		
Upper <td>14.2</td> <td></td> <td></td>	14.2		
129	11.0		
127	12.5		
	10.9		
	16.3		



Abundance Ion 128.00 (127.70 to 128.70): B
 Ion 129.00 (128.70 to 129.70): B
 Ion 127.00 (126.70 to 127.70): B

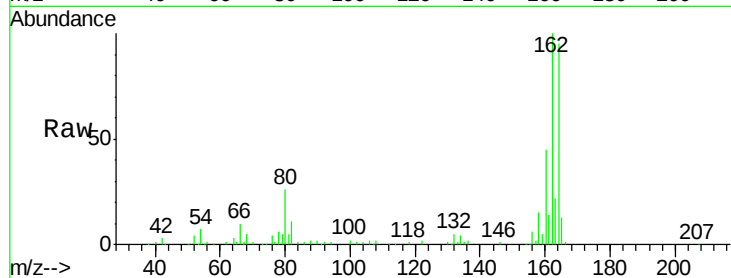




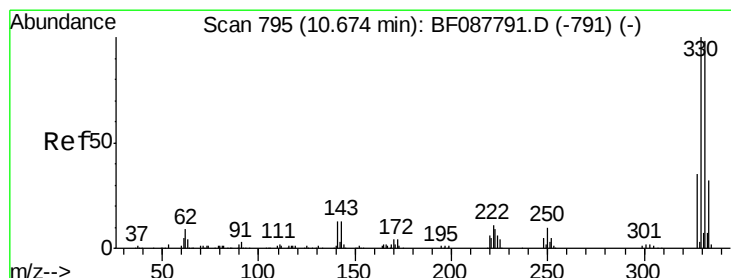
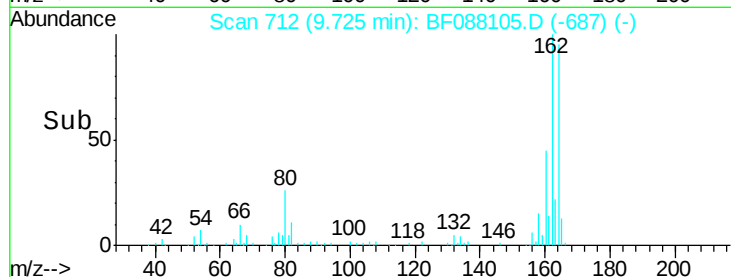
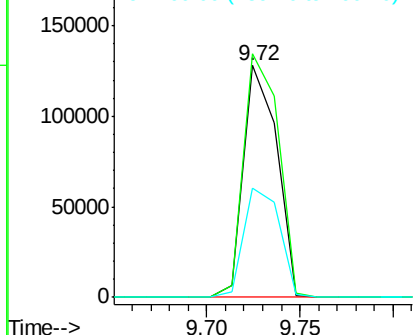
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088105.D
Acq: 17 Jun 2016 21:02

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:164 Resp: 159454
Ion Ratio Lower Upper
164 100
162 105.1 85.4 128.2
160 47.1 39.5 59.3

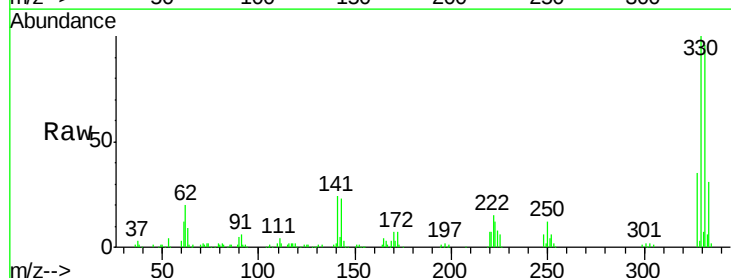


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

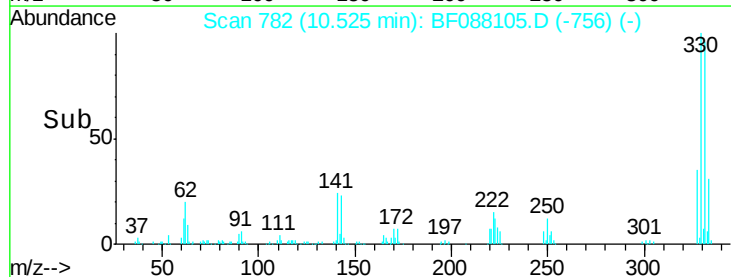
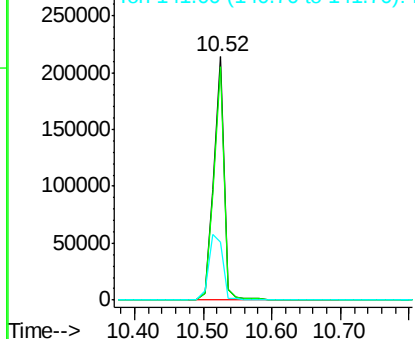


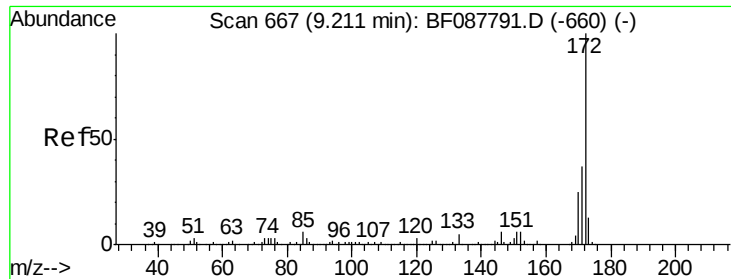
#41
2,4,6-Tribromophenol
Concen: 137.94 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF088105.D
Acq: 17 Jun 2016 21:02

Tgt Ion:330 Resp: 232243
Ion Ratio Lower Upper
330 100
332 95.8 0.0 0.0#
141 35.8 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: 91.67 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF088105.D

Acq: 17 Jun 2016 21:02

Instrument :

BNA_F

ClientSampleId :

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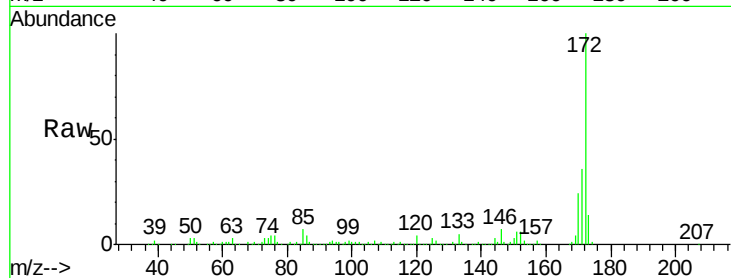
Tot Ion:172 Resp: 926096

Ion Ratio Lower Upper

172 100

171 36.4 28.6 43.0

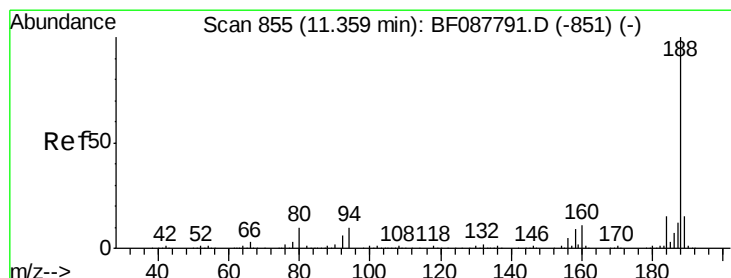
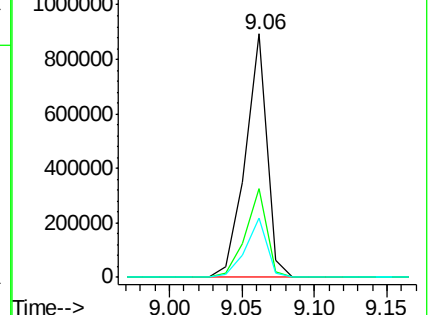
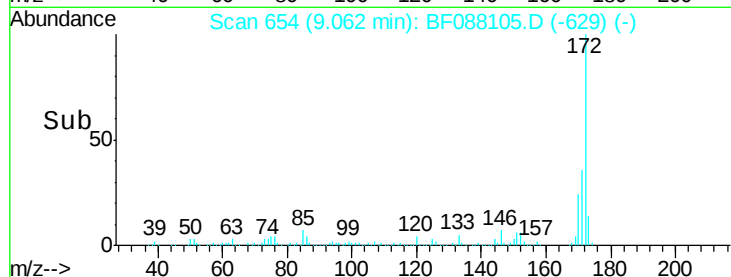
170 24.4 19.2 28.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF088105.D

Acq: 17 Jun 2016 21:02

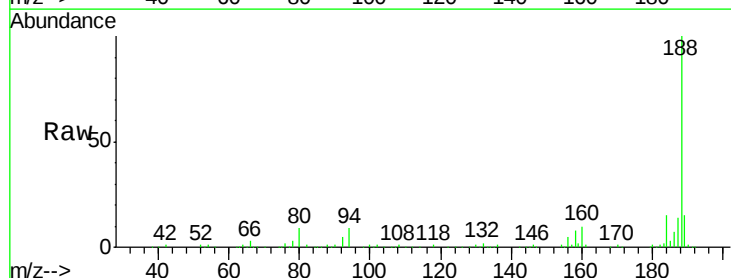
Tgt Ion:188 Resp: 347993

Ion Ratio Lower Upper

188 100

94 9.2 9.0 13.6

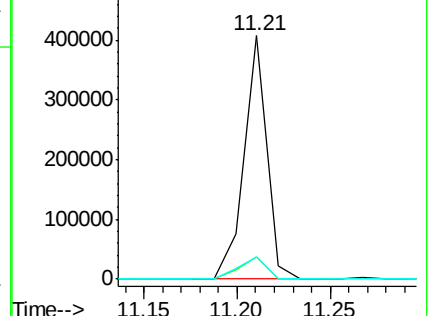
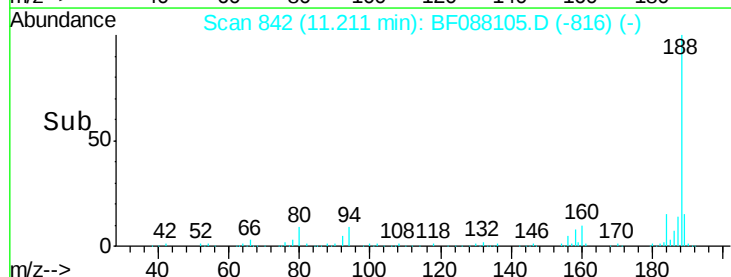
80 9.2 10.0 15.0#

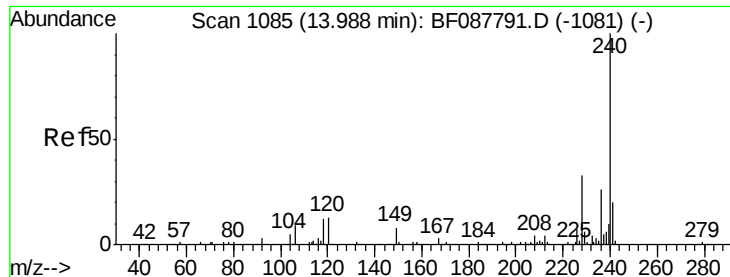


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

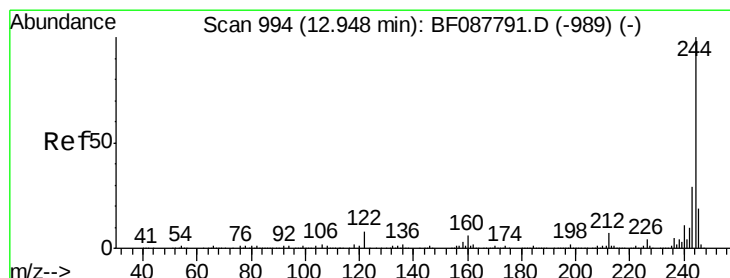
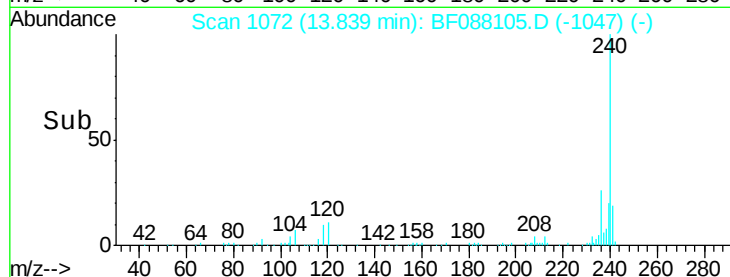
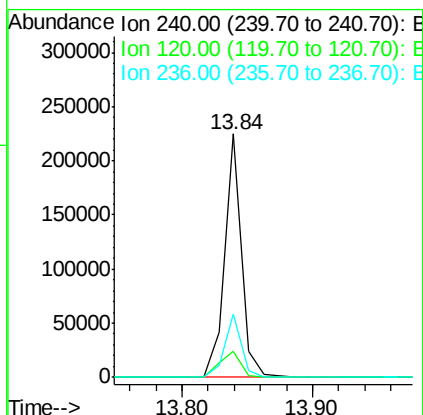
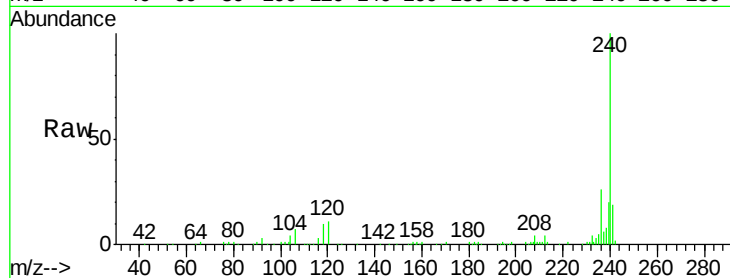




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BF088105.D
 Acq: 17 Jun 2016 21:02

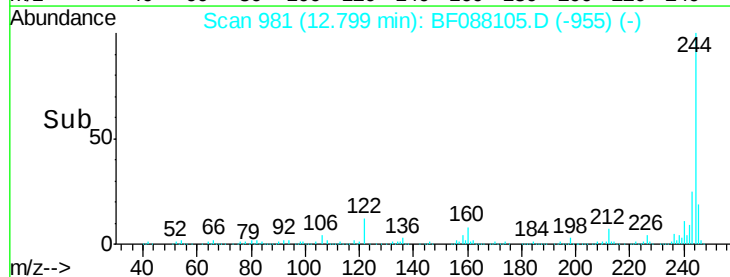
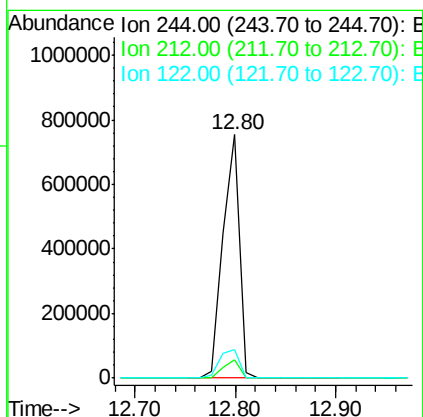
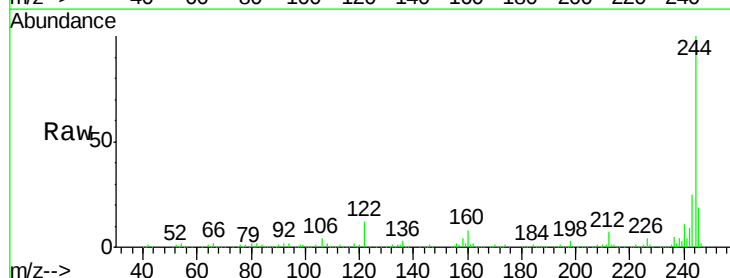
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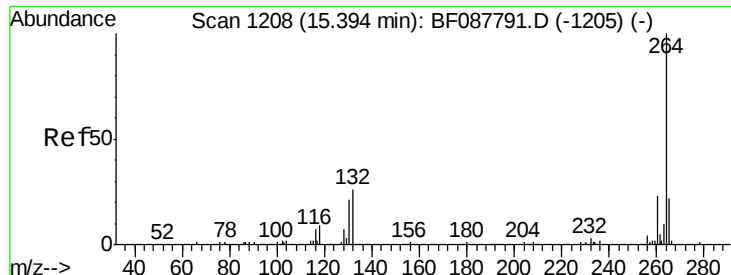
Tot Ion:240 Resp: 202419
 Ion Ratio Lower Upper
 240 100
 120 10.9 6.8 10.2#
 236 26.2 20.2 30.2



#78
 Terphenyl-d14
 Concen: 96.37 ng
 RT: 12.80 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF088105.D
 Acq: 17 Jun 2016 21:02

Tgt Ion:244 Resp: 857260
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 11.7 11.2 16.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BF088105.D
Acq: 17 Jun 2016 21:02

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	29.9	19.2	28.8#
265	20.9	16.9	25.3

