

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
 Data File : BF088025.D
 Acq On : 15 Jun 2016 4:19
 Operator : UM/SJ
 Sample : H3425-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0882

Quant Time: Jun 15 05:44:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 15 04:08:24 2016
 Response via : Initial Calibration

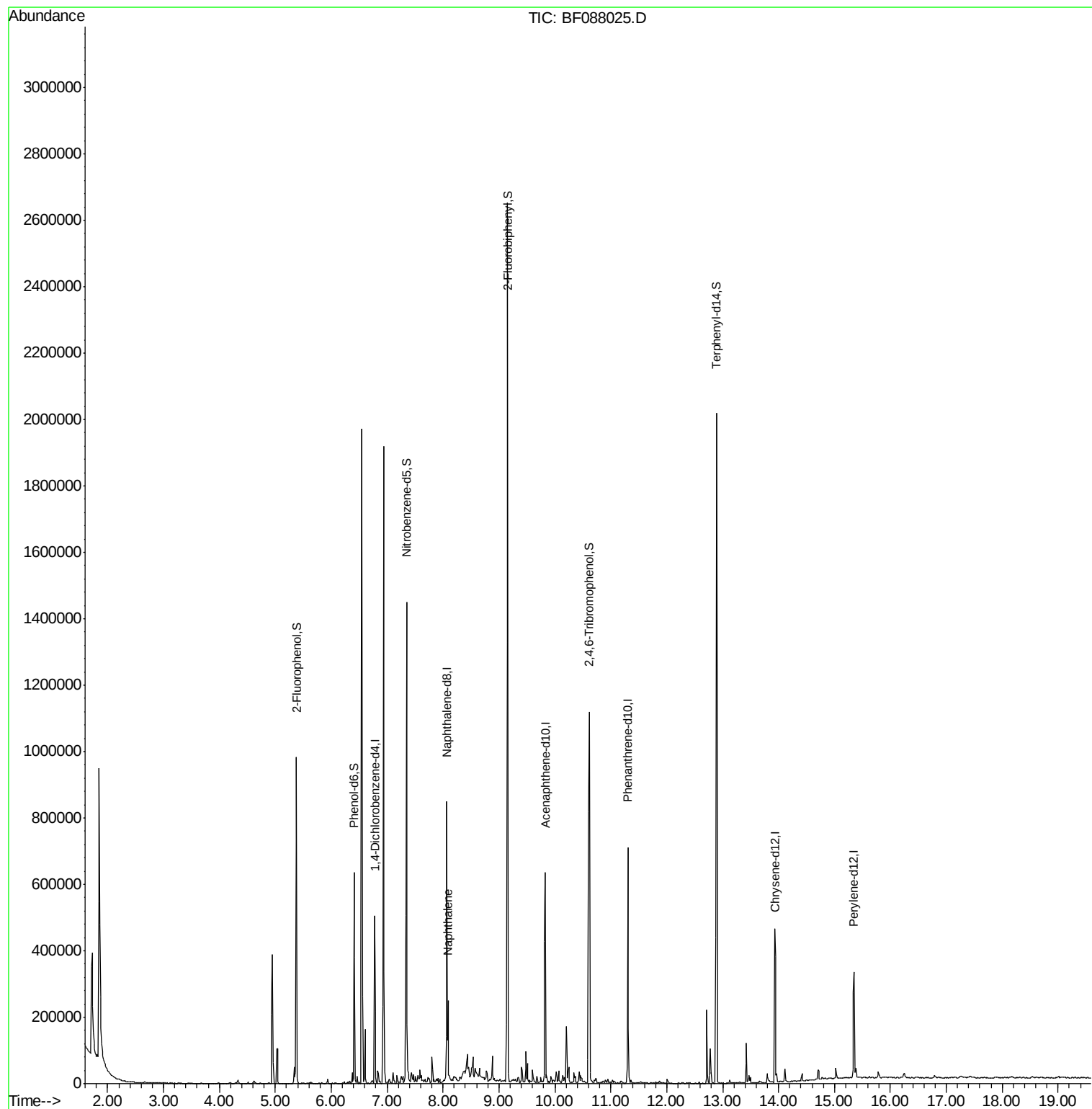
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	86561	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	360110	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	159856	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	251791	20.00	ng	0.00
75) Chrysene-d12	13.94	240	215136	20.00	ng	0.00
86) Perylene-d12	15.35	264	163546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	386065	76.25	ng	0.01
7) Phenol-d6	6.41	99	278621	45.40	ng	-0.01
23) Nitrobenzene-d5	7.35	82	494730	80.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	180580	106.98	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	972797	96.34	ng	0.00
78) Terphenyl-d14	12.89	244	692171	73.21	ng	0.00
Target Compounds						
31) Naphthalene	8.09	128	96235	5.40	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: 6.78 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF088025.D

Acq: 15 Jun 2016 4:19

Instrument :

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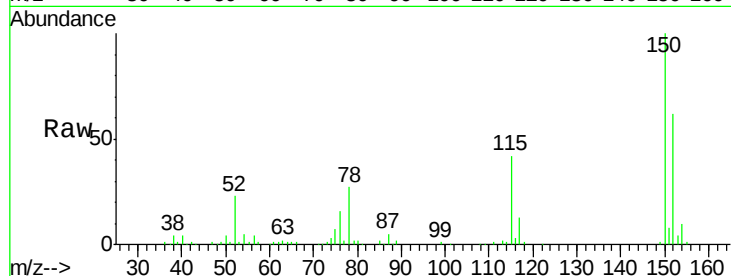
Tot Ion:152 Resp: 86561

Ion Ratio Lower Upper

152 100

150 160.6 123.8 185.6

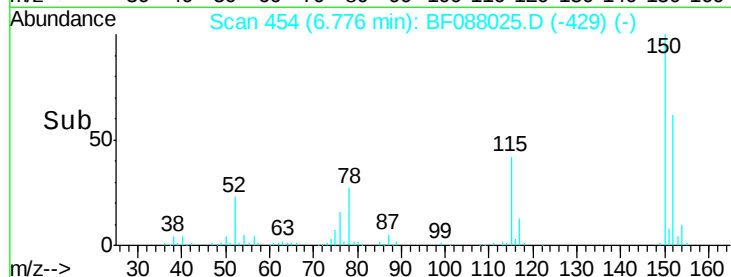
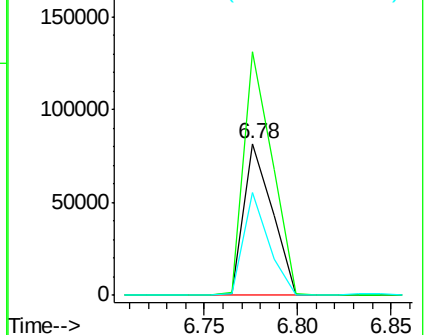
115 67.5 39.6 59.4#



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: 76.25 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088025.D

Acq: 15 Jun 2016 4:19

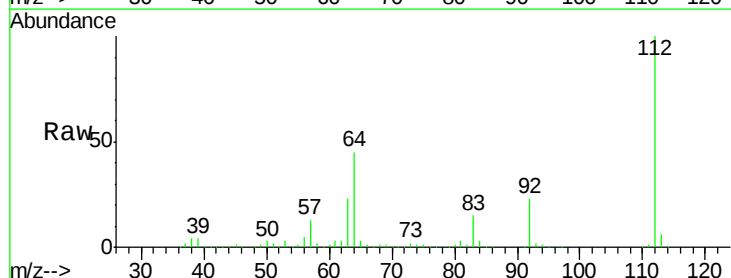
Tgt Ion:112 Resp: 386065

Ion Ratio Lower Upper

112 100

64 45.5 42.2 63.2

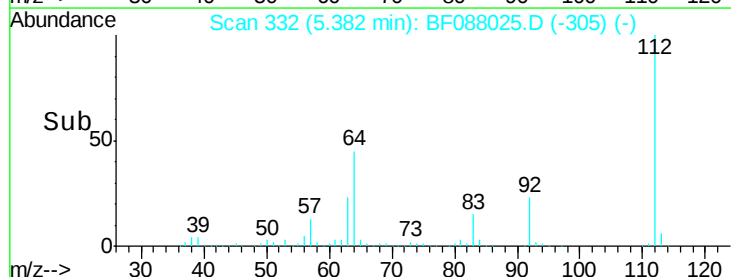
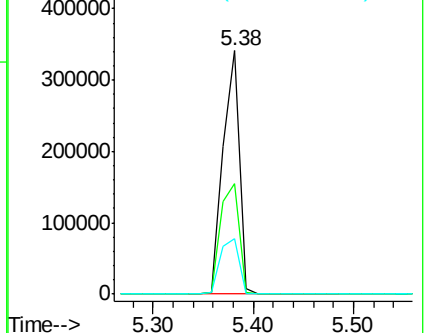
63 22.7 21.8 32.8

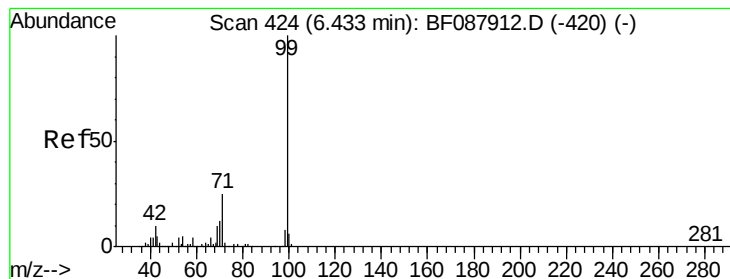


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.40 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF088025.D

Acq: 15 Jun 2016 4:19

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0882

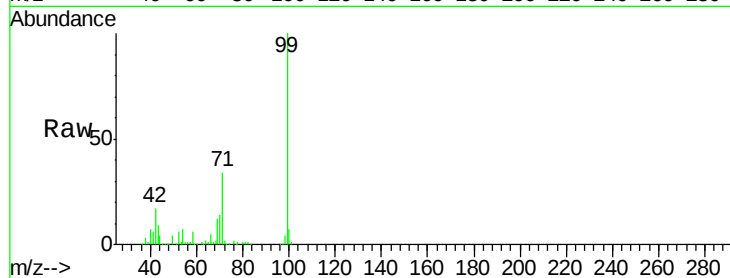
Tot Ion: 99 Resp: 278621

Ion Ratio Lower Upper

99 100

42 17.3 12.2 18.2

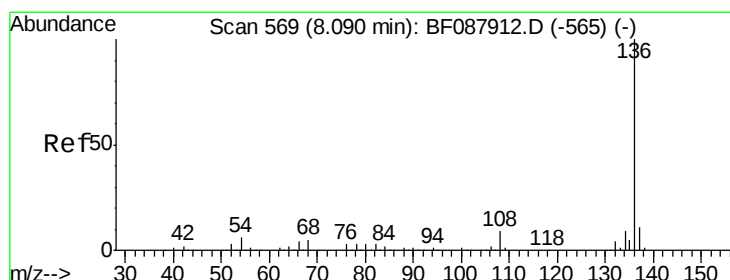
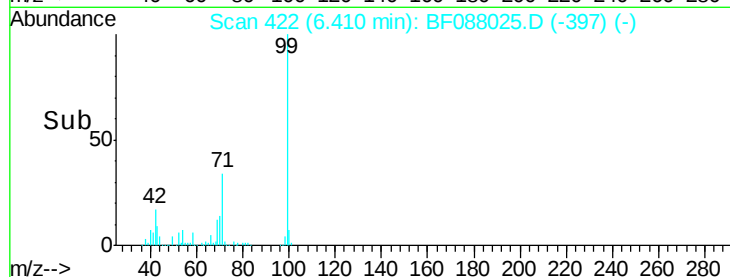
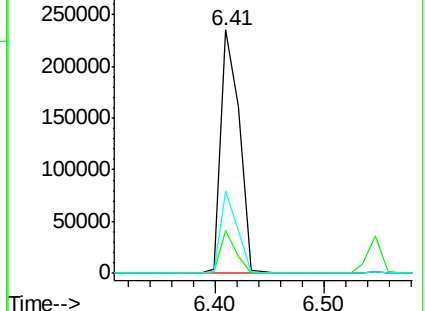
71 33.6 23.4 35.0



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: 8.07 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF088025.D

Acq: 15 Jun 2016 4:19

Tgt Ion: 136 Resp: 360110

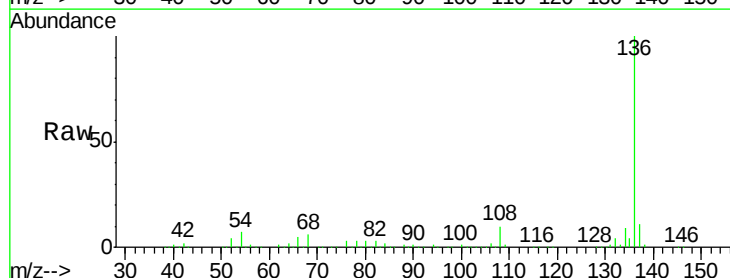
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.3 6.6 10.0

68 6.3 5.1 7.7

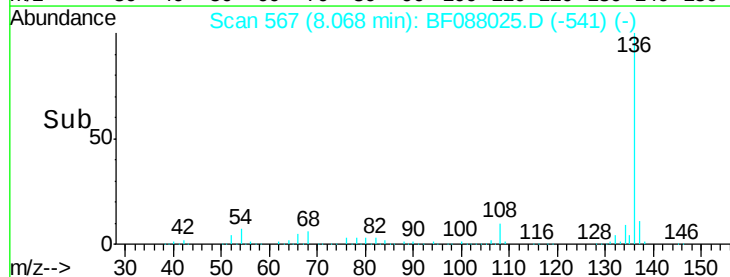
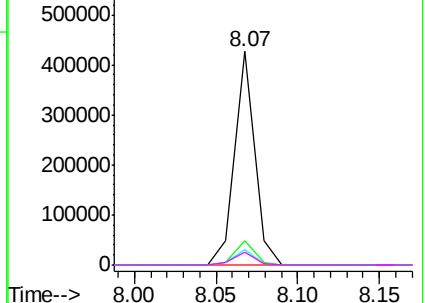


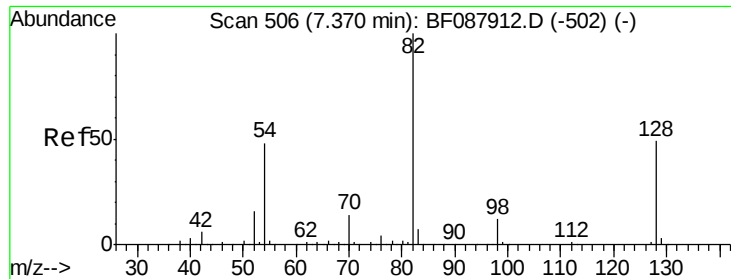
Abundance Ion 136.00 (135.70 to 136.70): E

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

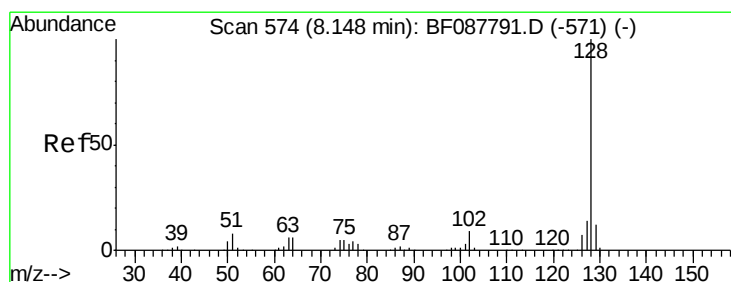
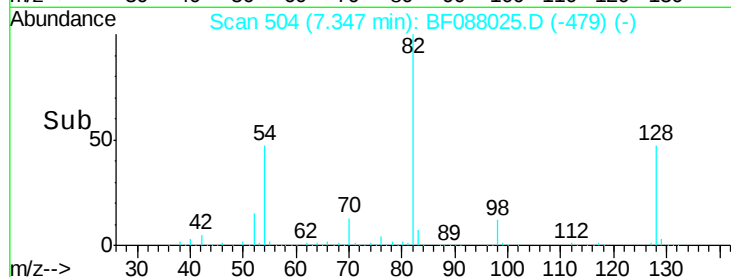
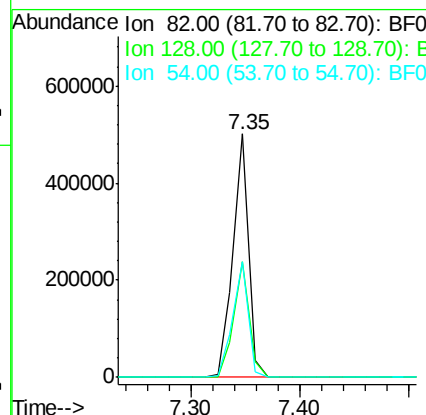
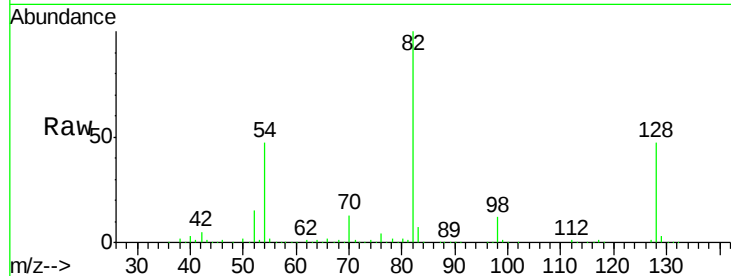




#23
Nitrobenzene-d5
Concen: 80.22 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF088025.D
Acq: 15 Jun 2016 4:19

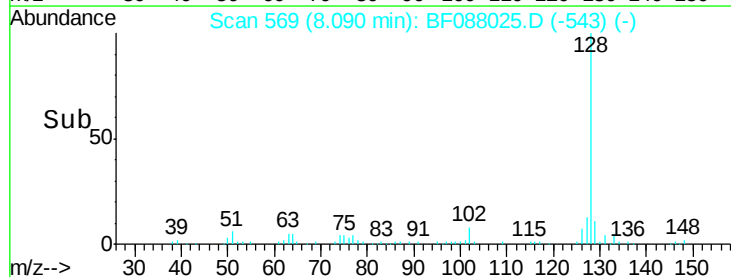
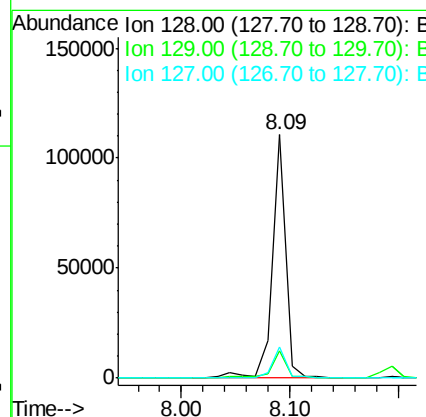
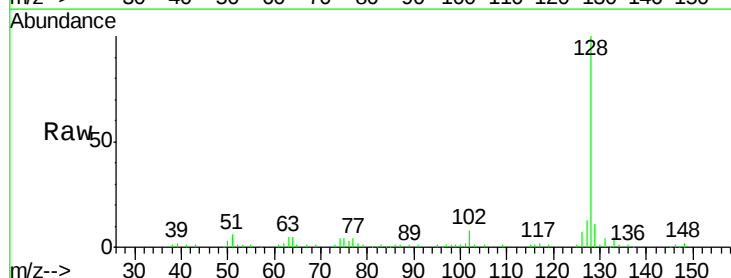
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0882

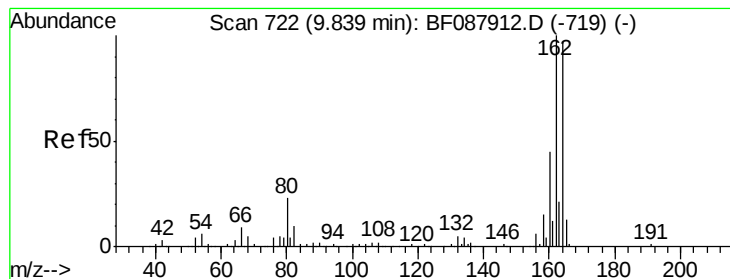
Tot Ion: 82 Resp: 494730
Ion Ratio Lower Upper
82 100
128 47.3 35.9 53.9
54 47.2 40.9 61.3



#31
Naphthalene
Concen: 5.40 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF088025.D
Acq: 15 Jun 2016 4:19

Tgt Ion:128 Resp: 96235
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 12.9 10.9 16.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF088025.D

Acq: 15 Jun 2016 4:19

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0882

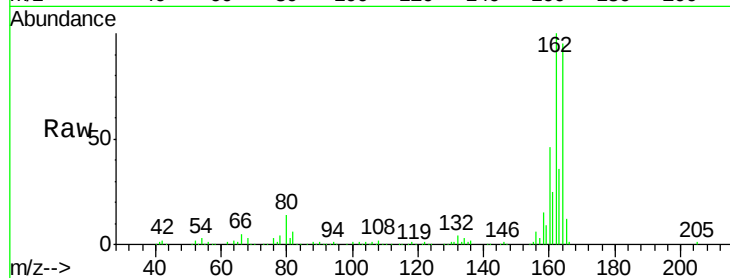
Tot Ion:164 Resp: 159856

Ion Ratio Lower Upper

164 100

162 104.8 85.4 128.2

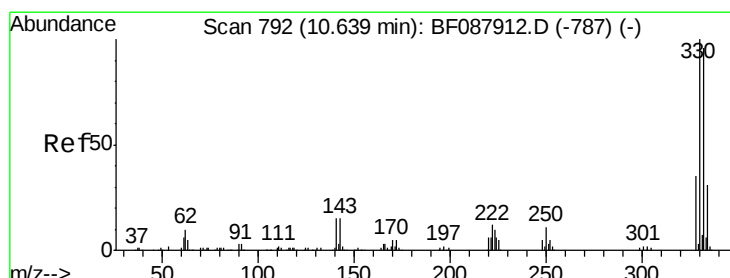
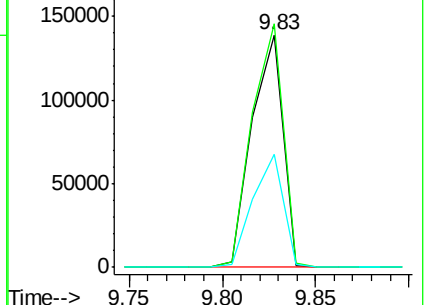
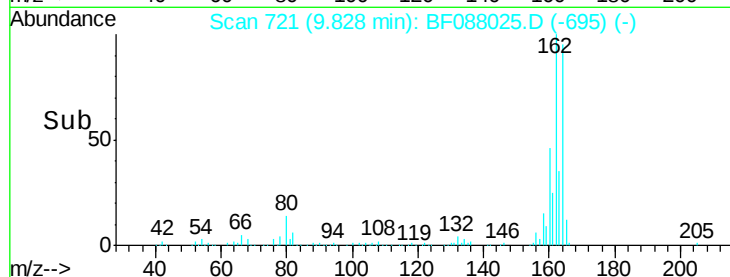
160 48.5 39.5 59.3



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: 106.98 ng

RT: 10.62 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF088025.D

Acq: 15 Jun 2016 4:19

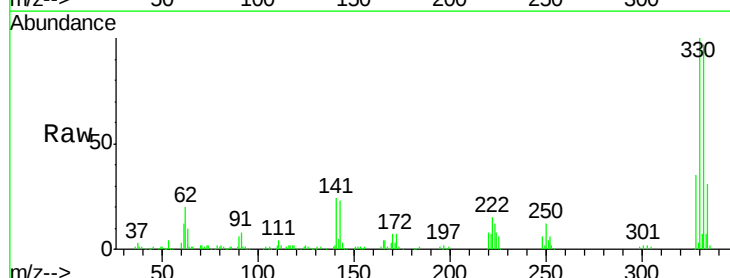
Tgt Ion:330 Resp: 180580

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

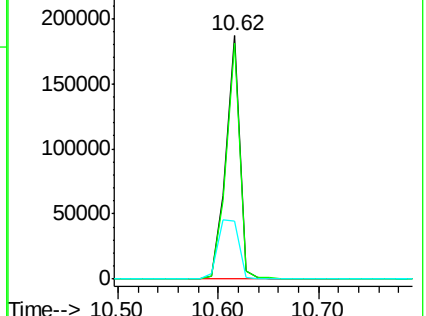
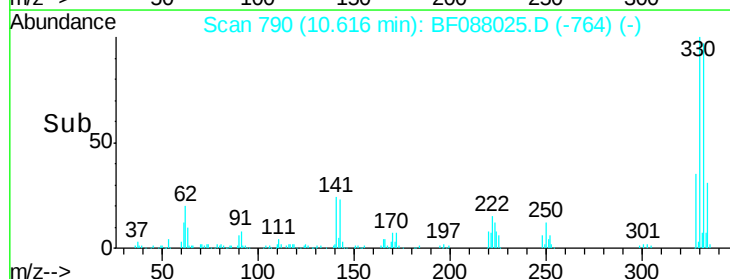
141 36.7 0.0 0.0#

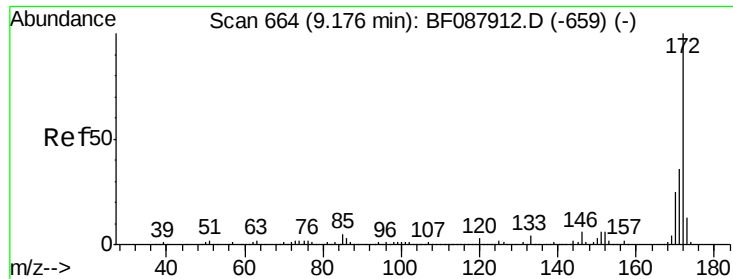


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

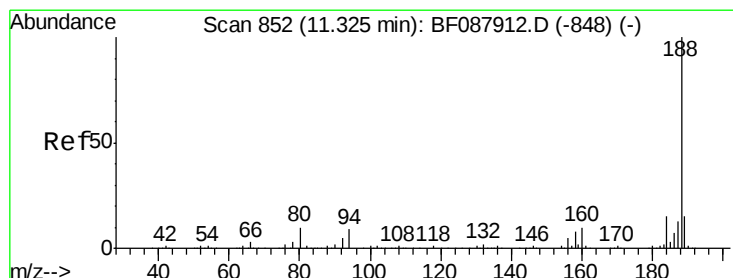
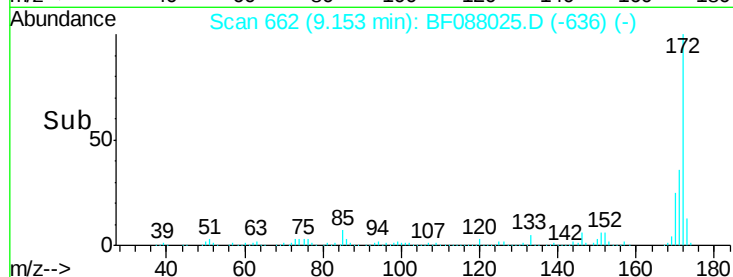
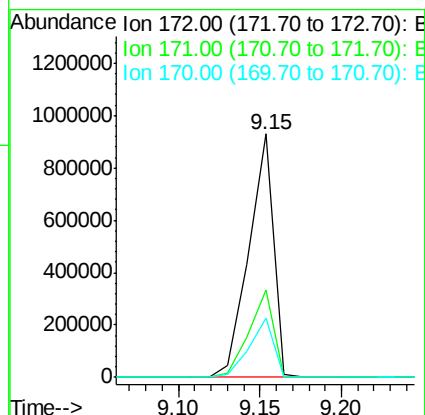
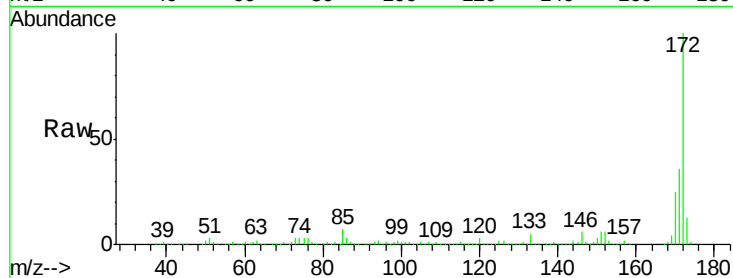




#44
2-Fluorobiphenyl
Concen: 96.34 ng
RT: 9.15 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF088025.D
Acq: 15 Jun 2016 4:19

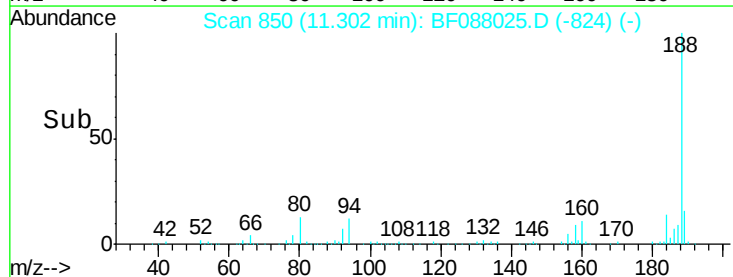
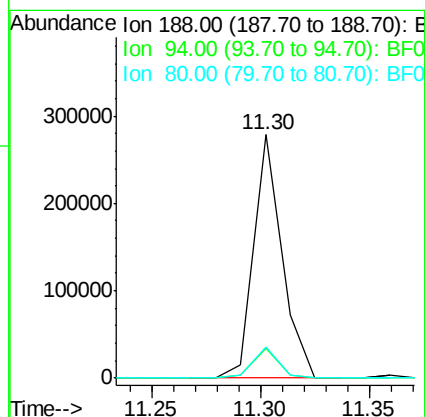
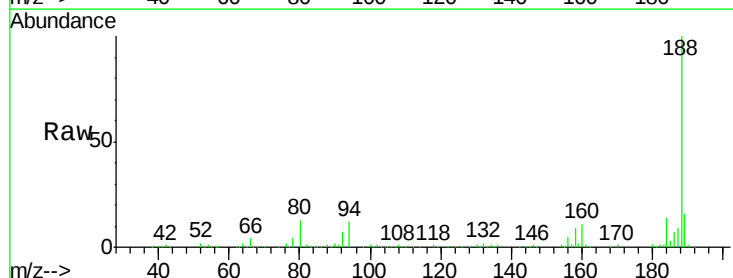
Instrument :
BNA_F
ClientSampleId :
SP16-JMW0882

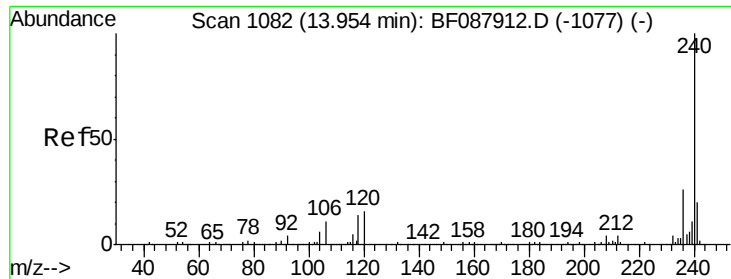
Tot Ion:172 Resp: 972797
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.5 19.2 28.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF088025.D
Acq: 15 Jun 2016 4:19

Tgt Ion:188 Resp: 251791
Ion Ratio Lower Upper
188 100
94 12.0 9.0 13.6
80 12.8 10.0 15.0

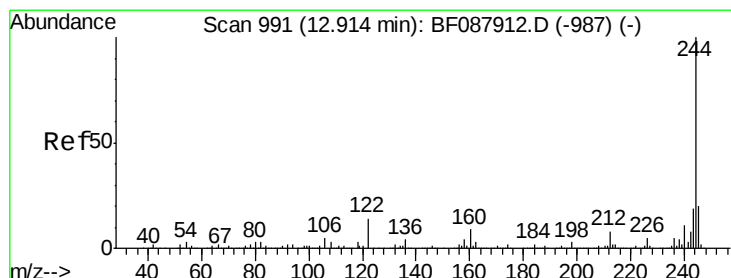
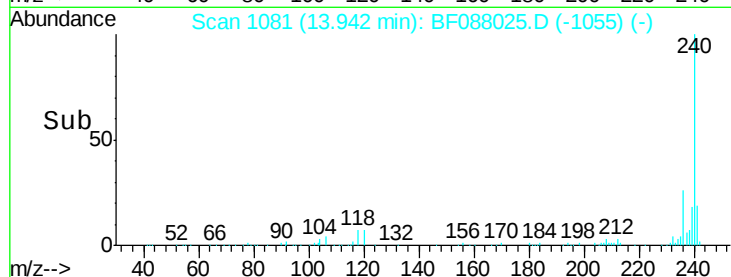
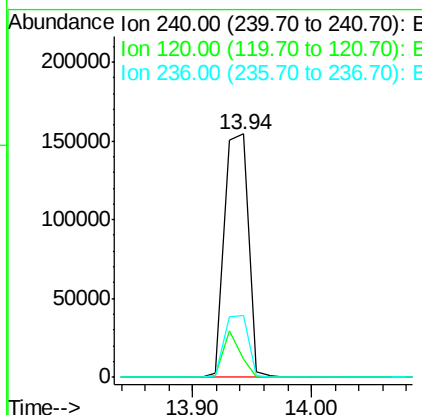
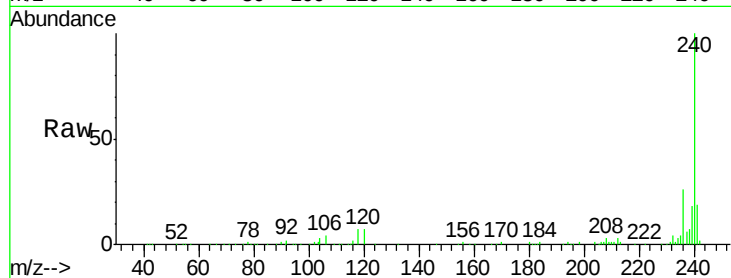




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BF088025.D
Acq: 15 Jun 2016 4:19

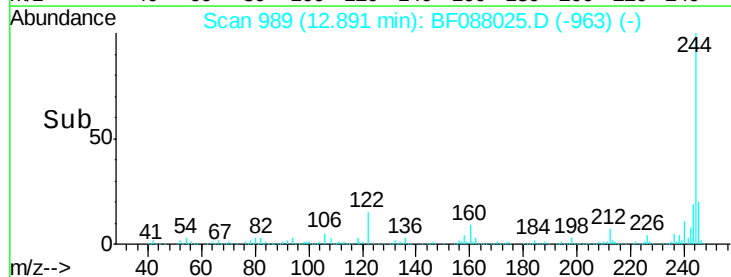
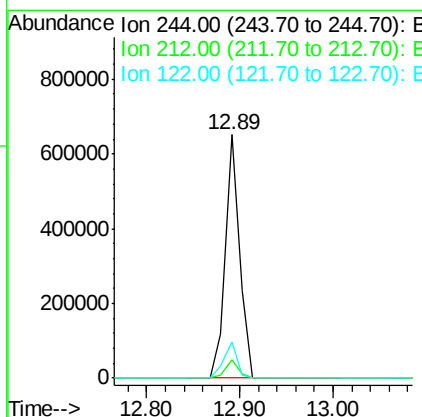
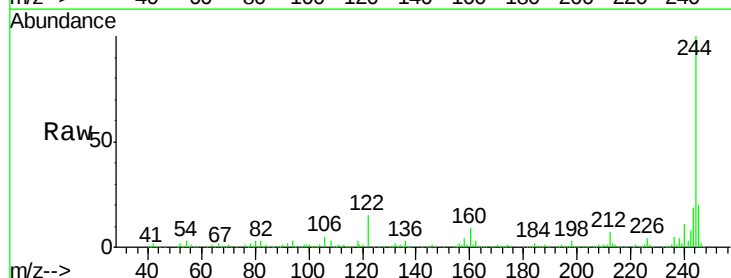
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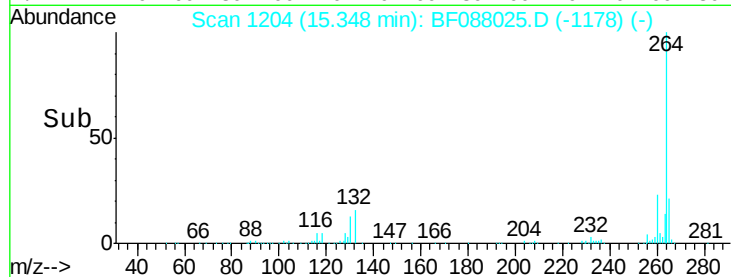
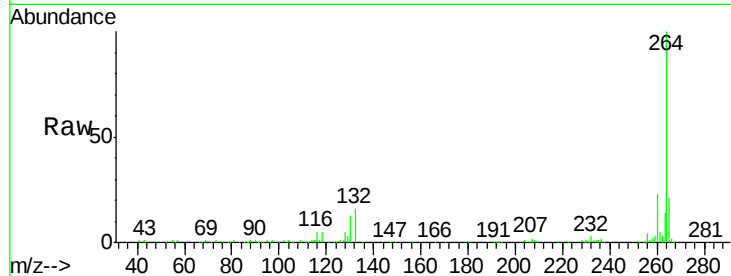
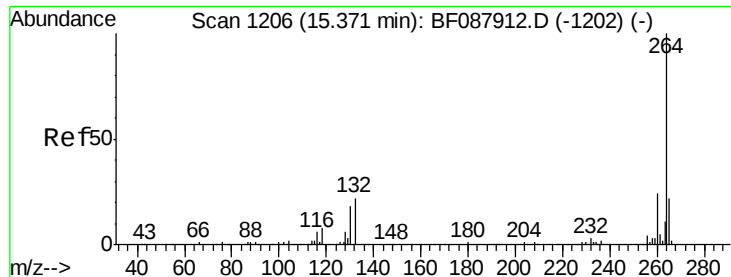
Tot Ion:240 Resp: 215136
Ion Ratio Lower Upper
240 100
120 7.4 6.8 10.2
236 25.5 20.2 30.2



#78
Terphenyl-d14
Concen: 73.21 ng
RT: 12.89 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF088025.D
Acq: 15 Jun 2016 4:19

Tgt Ion:244 Resp: 692171
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 15.0 11.2 16.8





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF088025.D
 Acq: 15 Jun 2016 4:19

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.9	16.9	25.3

