

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
 Data File : BF088811.D
 Acq On : 8 Jul 2016 7:23
 Operator : UM/SJ
 Sample : H3897-12
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Quant Time: Jul 08 08:15:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 08:10:51 2016
 Response via : Initial Calibration

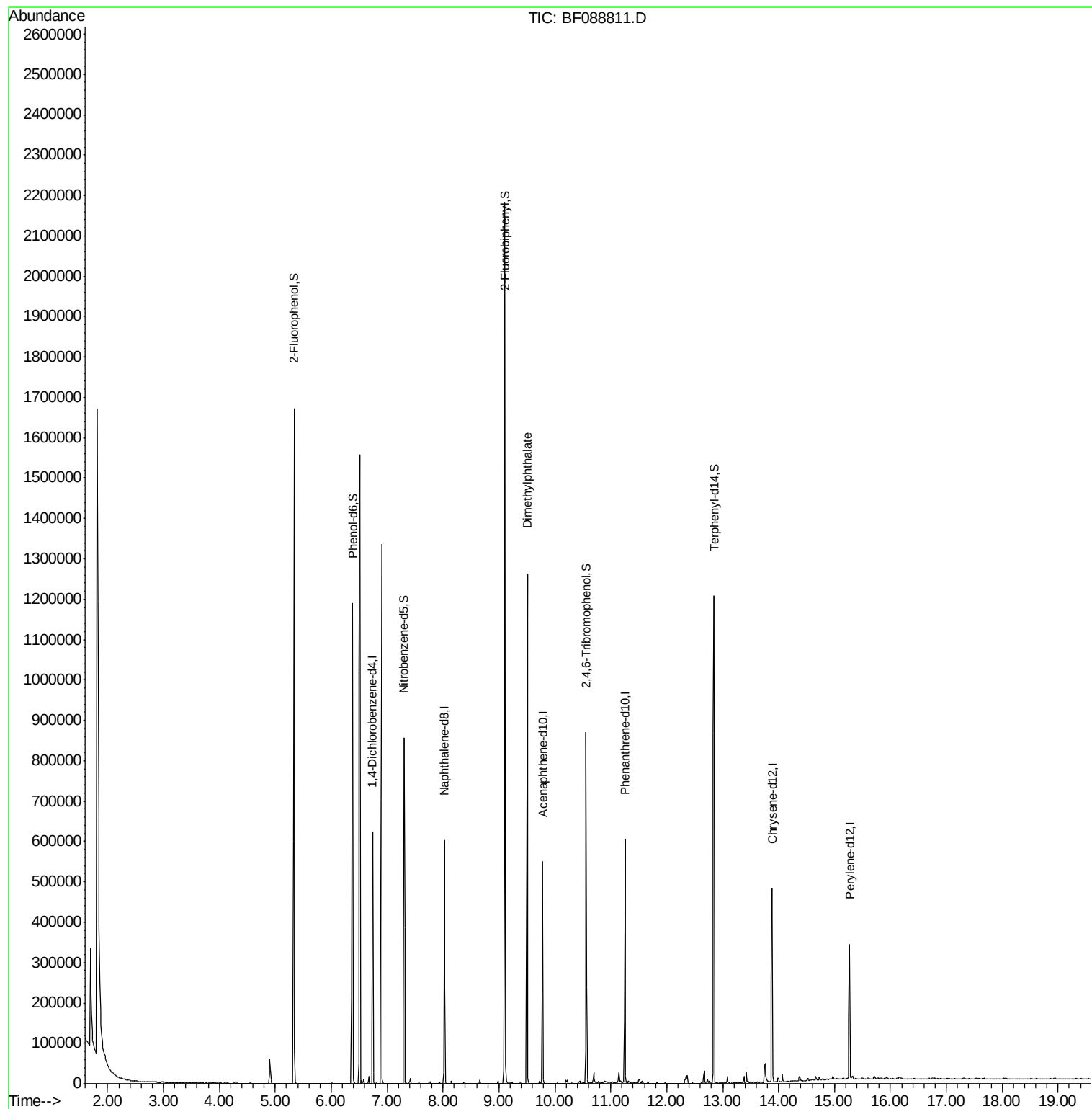
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	83733	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	297203	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	125584	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	210444	20.00	ng	0.00
75) Chrysene-d12	13.89	240	185477	20.00	ng	0.00
86) Perylene-d12	15.27	264	142518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	461789	82.65	ng	0.01
7) Phenol-d6	6.39	99	666530	92.33	ng	0.00
23) Nitrobenzene-d5	7.30	82	344838	60.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	96976	83.16	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	649752	81.72	ng	0.00
78) Terphenyl-d14	12.85	244	482763	57.97	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.51	163	571884	63.92	ng	99

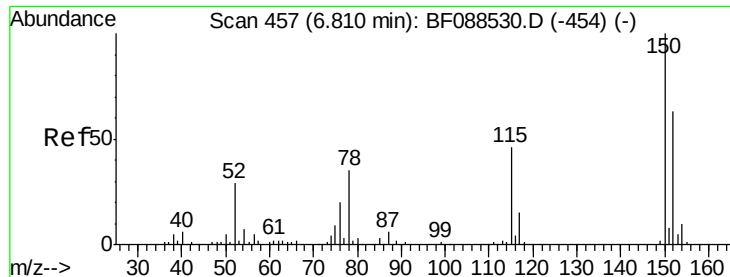
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF088811.D

Acq: 8 Jul 2016 7:23

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

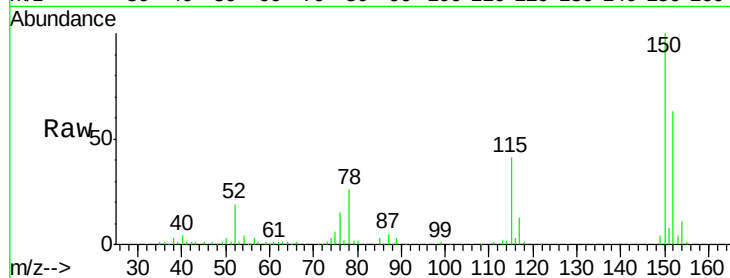
Tot Ion:152 Resp: 83733

Ion Ratio Lower Upper

152 100

150 158.1 123.8 185.6

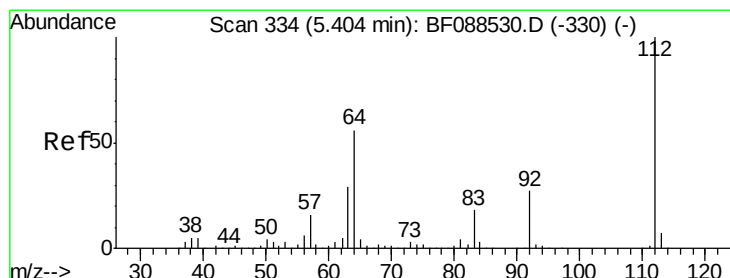
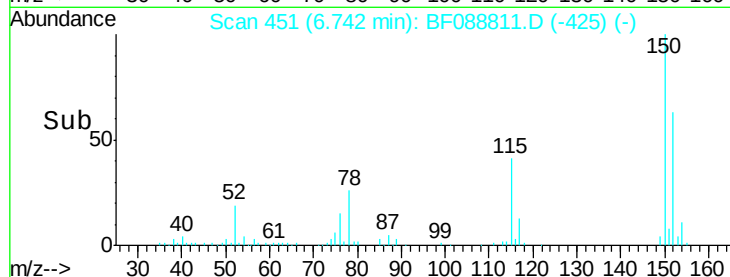
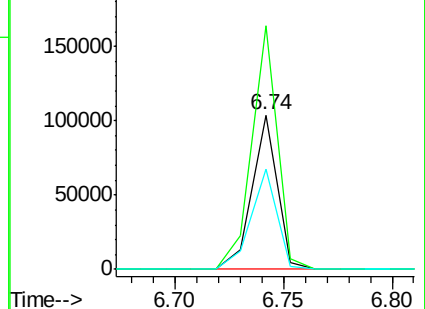
115 65.5 39.6 59.4#



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: 82.65 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF088811.D

Acq: 8 Jul 2016 7:23

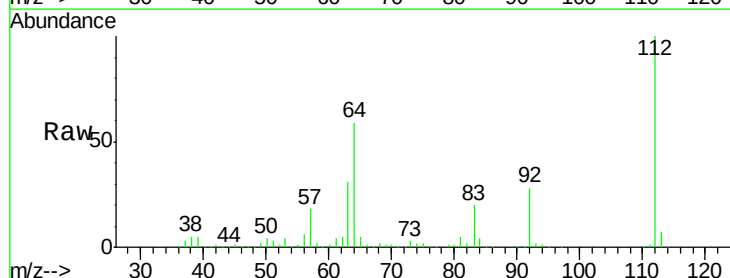
Tgt Ion:112 Resp: 461789

Ion Ratio Lower Upper

112 100

64 58.8 42.2 63.2

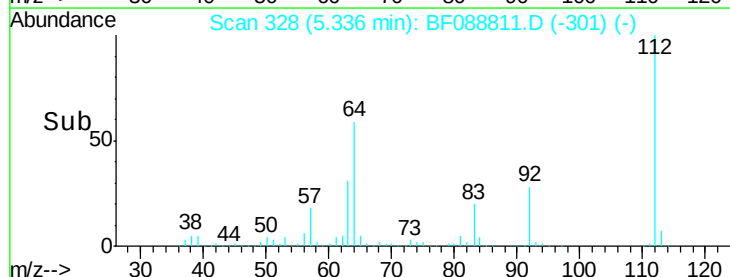
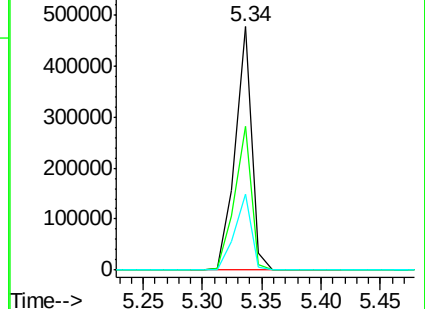
63 31.2 21.8 32.8

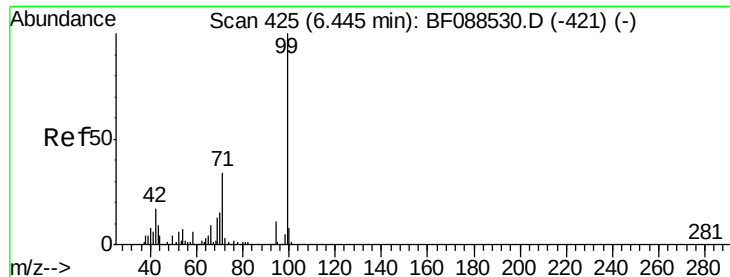


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.33 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088811.D

Acq: 8 Jul 2016 7:23

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

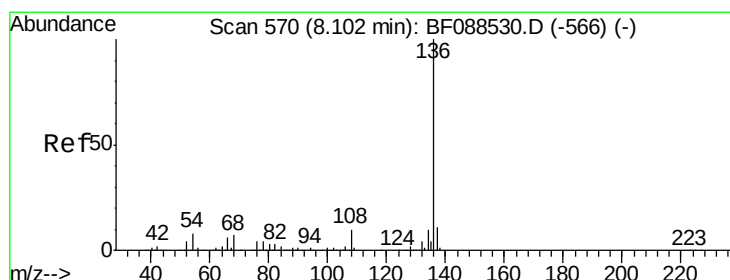
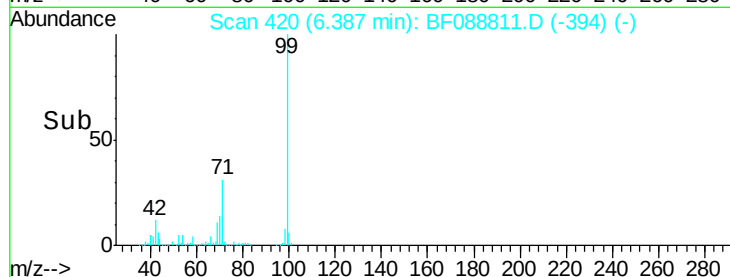
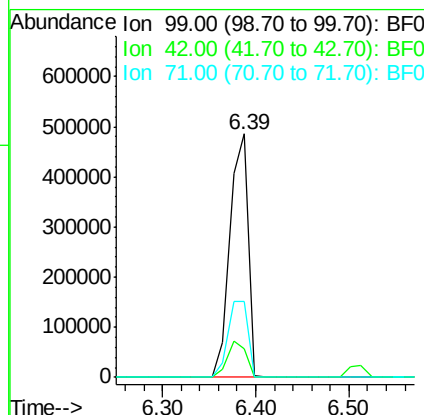
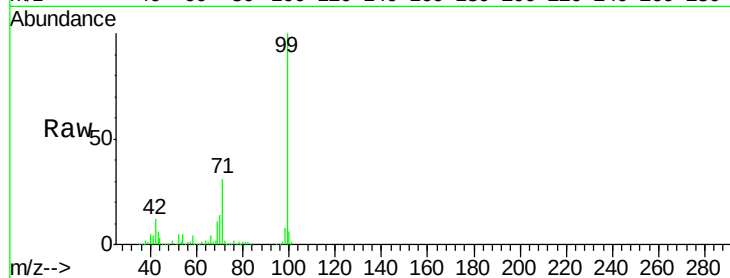
Tot Ion: 99 Resp: 666530

Ion Ratio Lower Upper

99 100

42 11.9 12.2 18.2#

71 31.3 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF088811.D

Acq: 8 Jul 2016 7:23

Tgt Ion: 136 Resp: 297203

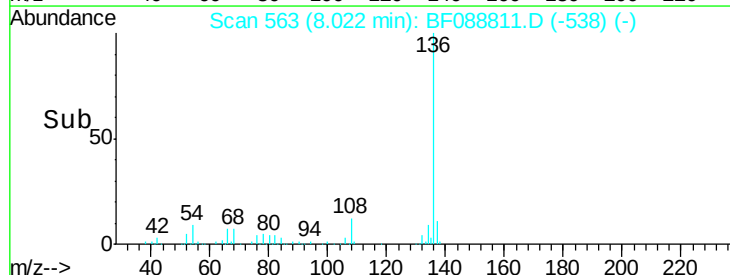
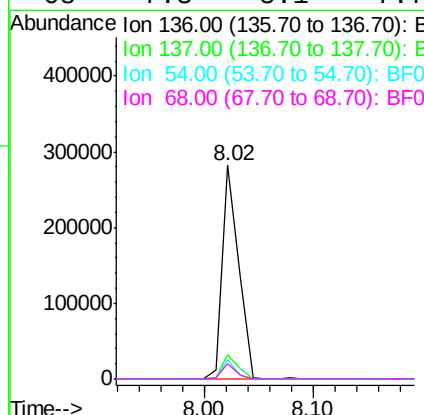
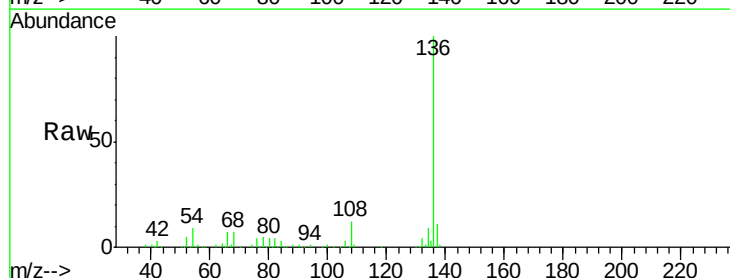
Ion Ratio Lower Upper

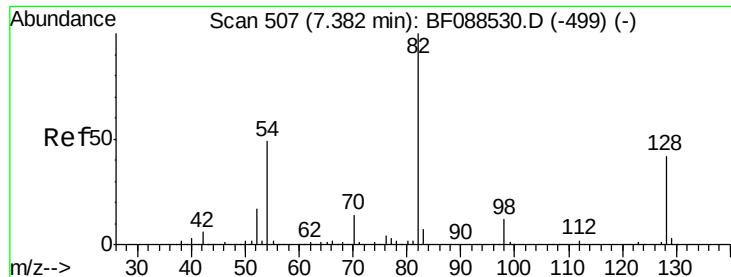
136 100

137 11.1 9.1 13.7

54 9.0 6.6 10.0

68 7.3 5.1 7.7

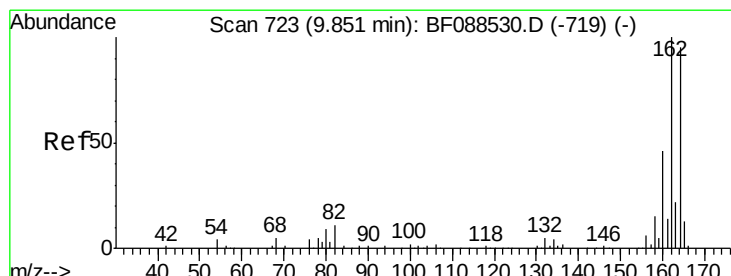
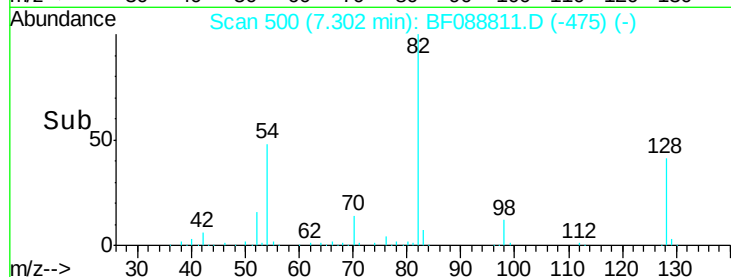
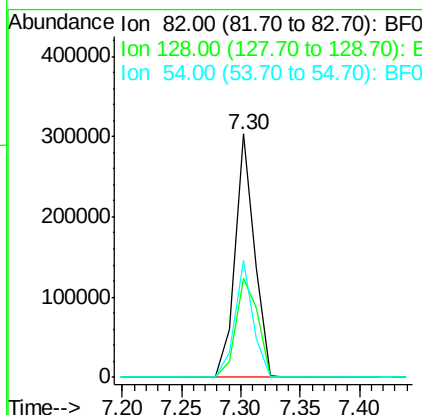
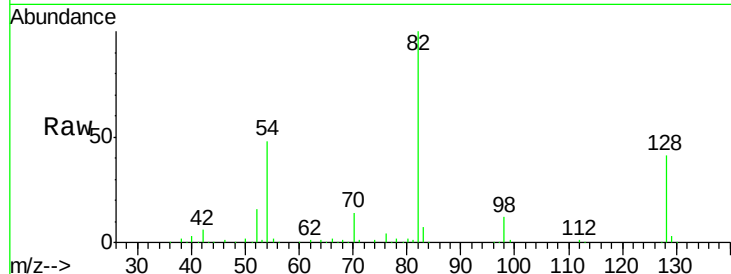




#23
 Nitrobenzene-d5
 Concen: 60.80 ng
 RT: 7.30 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF088811.D
 Acq: 8 Jul 2016 7:23

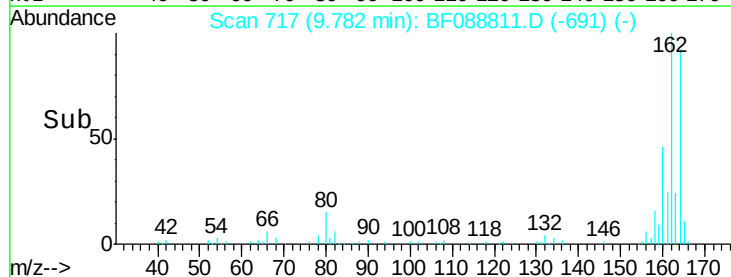
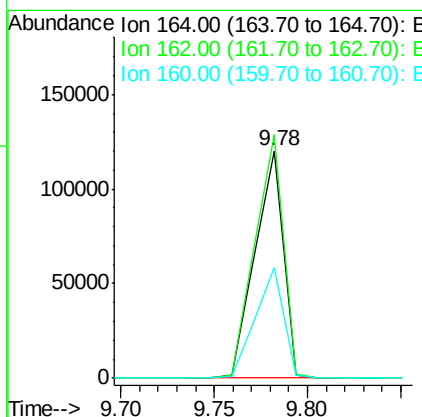
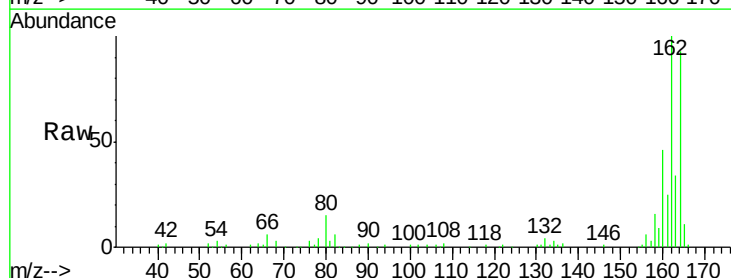
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

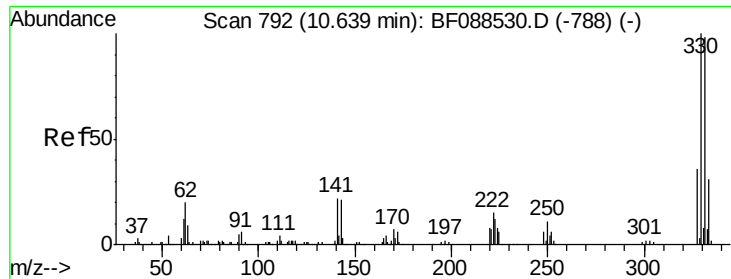
Tot Ion	82	Resp	344838
Ion Ratio	100	Lower	Upper
128	40.5	35.9	53.9
54	48.2	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF088811.D
 Acq: 8 Jul 2016 7:23

Tgt Ion	164	Resp	125584
Ion Ratio	100	Lower	Upper
162	107.0	85.4	128.2
160	48.8	39.5	59.3

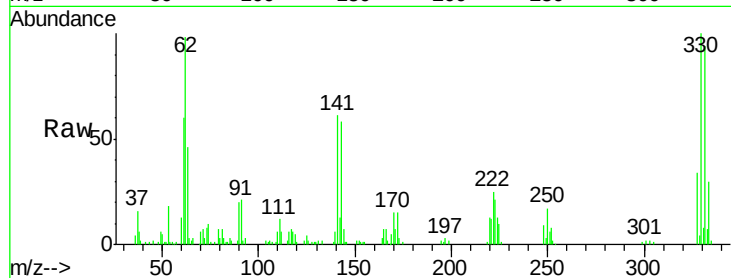




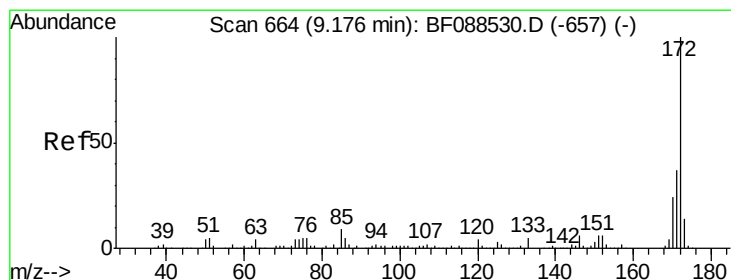
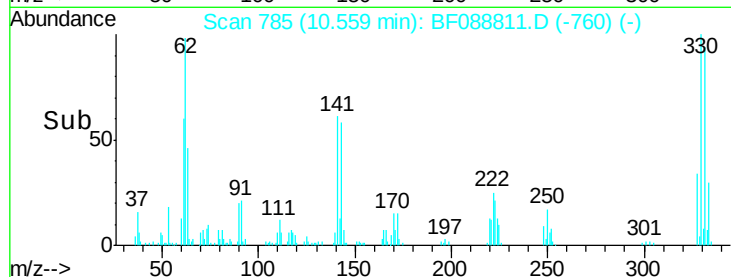
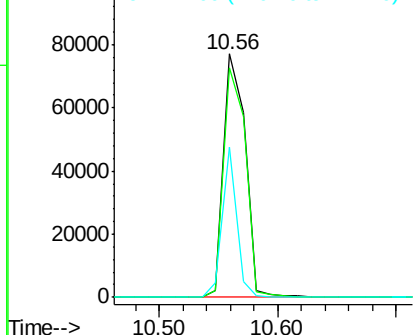
#41
 2,4,6-Tribromophenol
 Concen: 83.16 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF088811.D
 Acq: 8 Jul 2016 7:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	40.8	0.0	0.0#

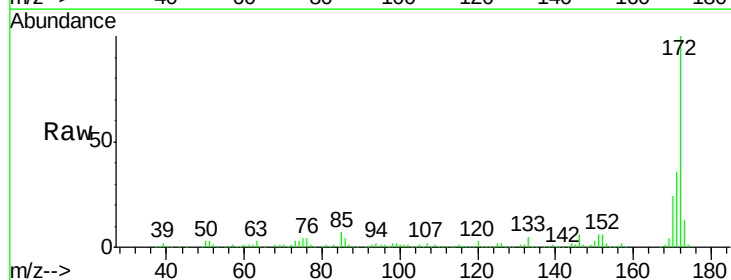


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

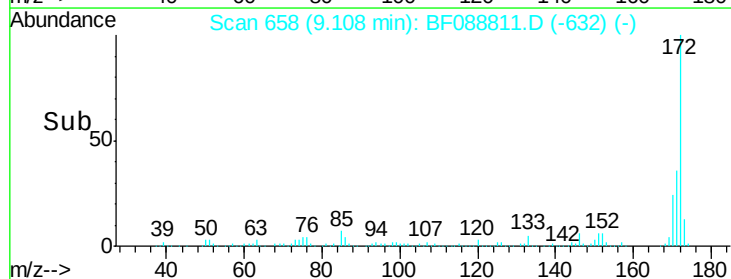
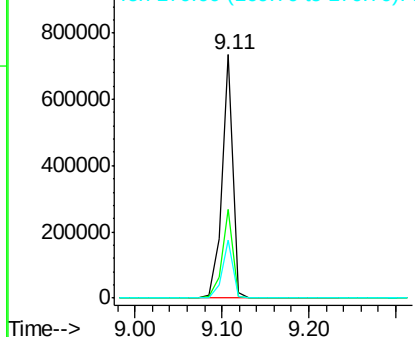


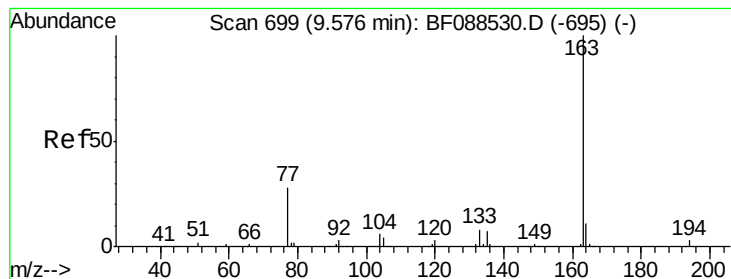
#44
 2-Fluorobiphenyl
 Concen: 81.72 ng
 RT: 9.11 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF088811.D
 Acq: 8 Jul 2016 7:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.1	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: 63.92 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF088811.D

Acq: 8 Jul 2016 7:23

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

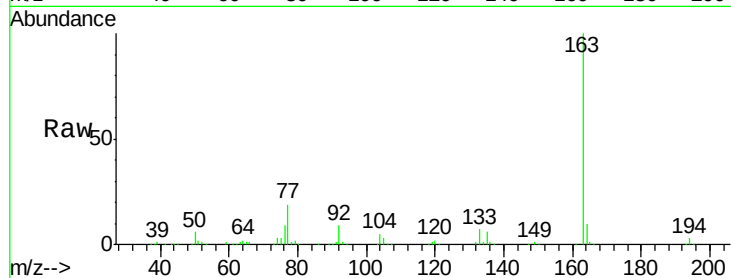
Tot Ion:163 Resp: 571884

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

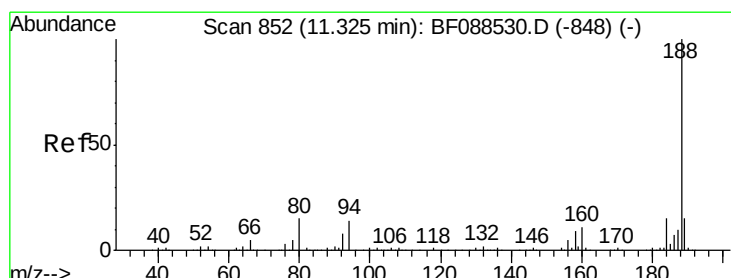
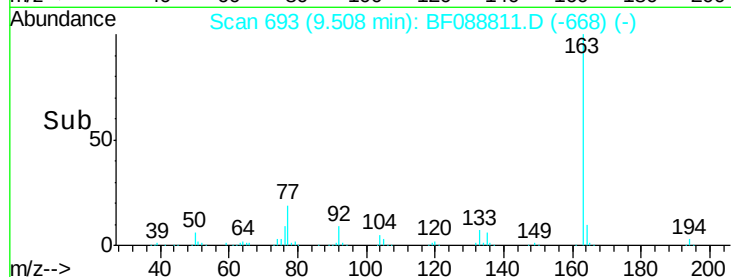
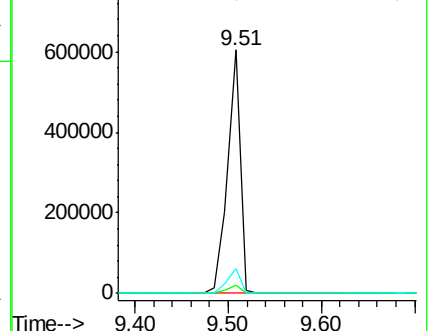
164 10.0 8.3 12.5



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: 11.26 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF088811.D

Acq: 8 Jul 2016 7:23

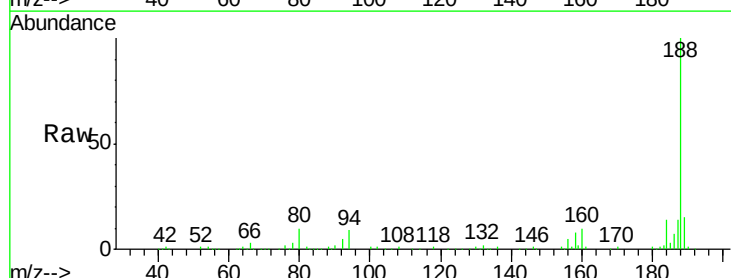
Tgt Ion:188 Resp: 210444

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.6#

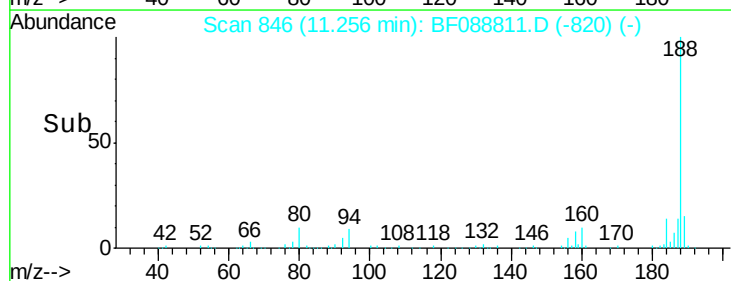
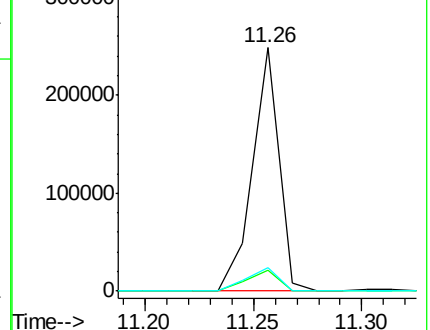
80 9.5 10.0 15.0#

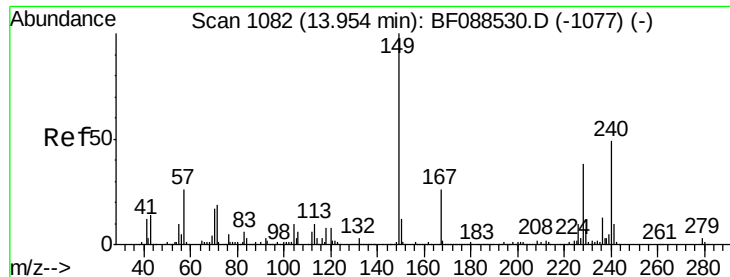


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.89 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BF088811.D

Acq: 8 Jul 2016 7:23

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

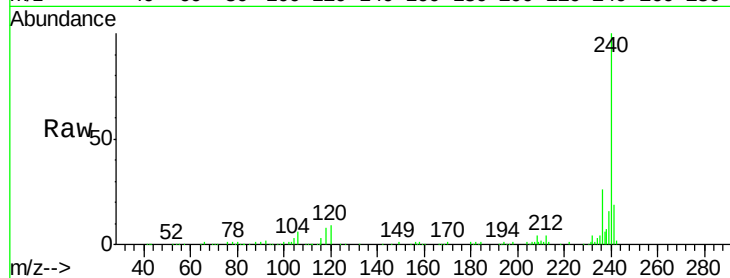
Tot Ion:240 Resp: 185477

Ion Ratio Lower Upper

240 100

120 8.8 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

250000

200000

150000

100000

50000

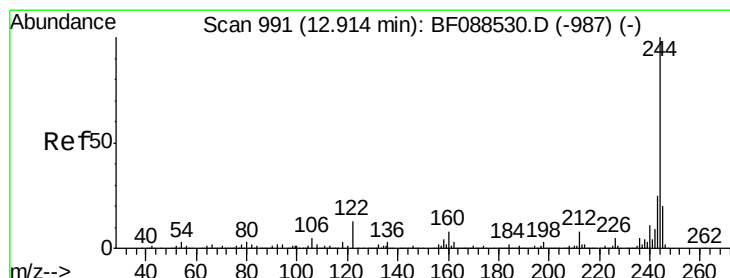
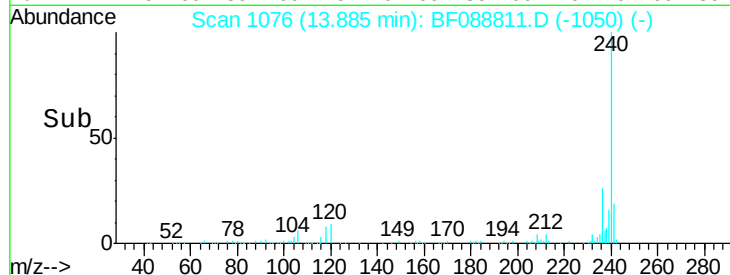
0

13.89

13.80

13.90

Time-->



#78

Terphenyl-d14

Concen: 57.97 ng

RT: 12.85 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF088811.D

Acq: 8 Jul 2016 7:23

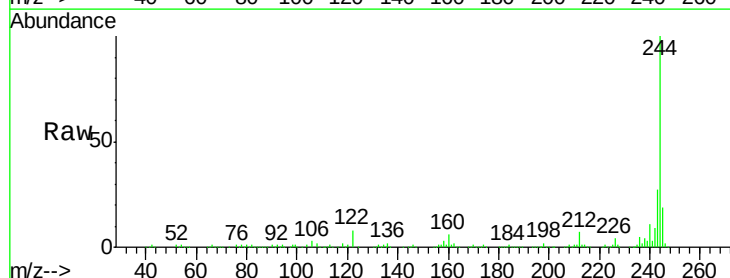
Tgt Ion:244 Resp: 482763

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 7.7 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

600000

500000

400000

300000

200000

100000

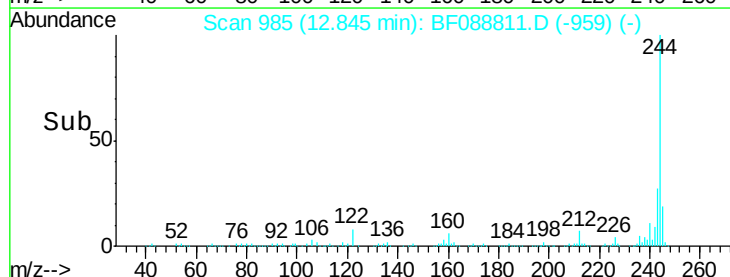
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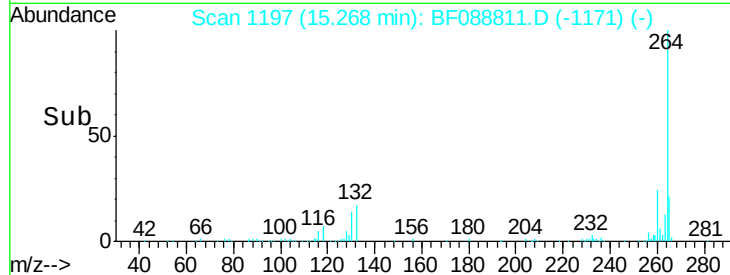
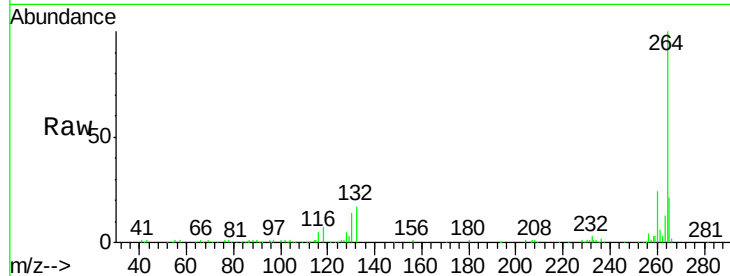
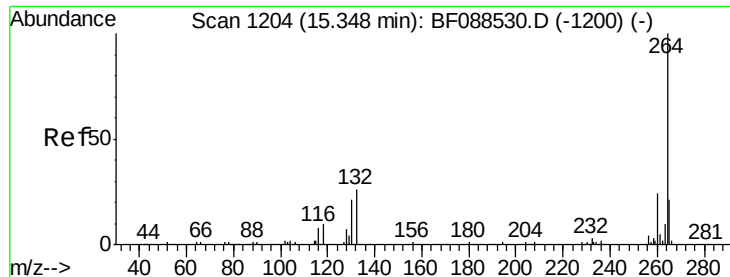
12.85

12.80

12.90

Time-->





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF088811.D
Acq: 8 Jul 2016 7:23

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	16.9	25.3

