

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088597.D
 Acq On : 2 Jul 2016 2:35
 Operator : UM/SJ
 Sample : H3816-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: Jul 02 04:06:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 02:24:16 2016
 Response via : Initial Calibration

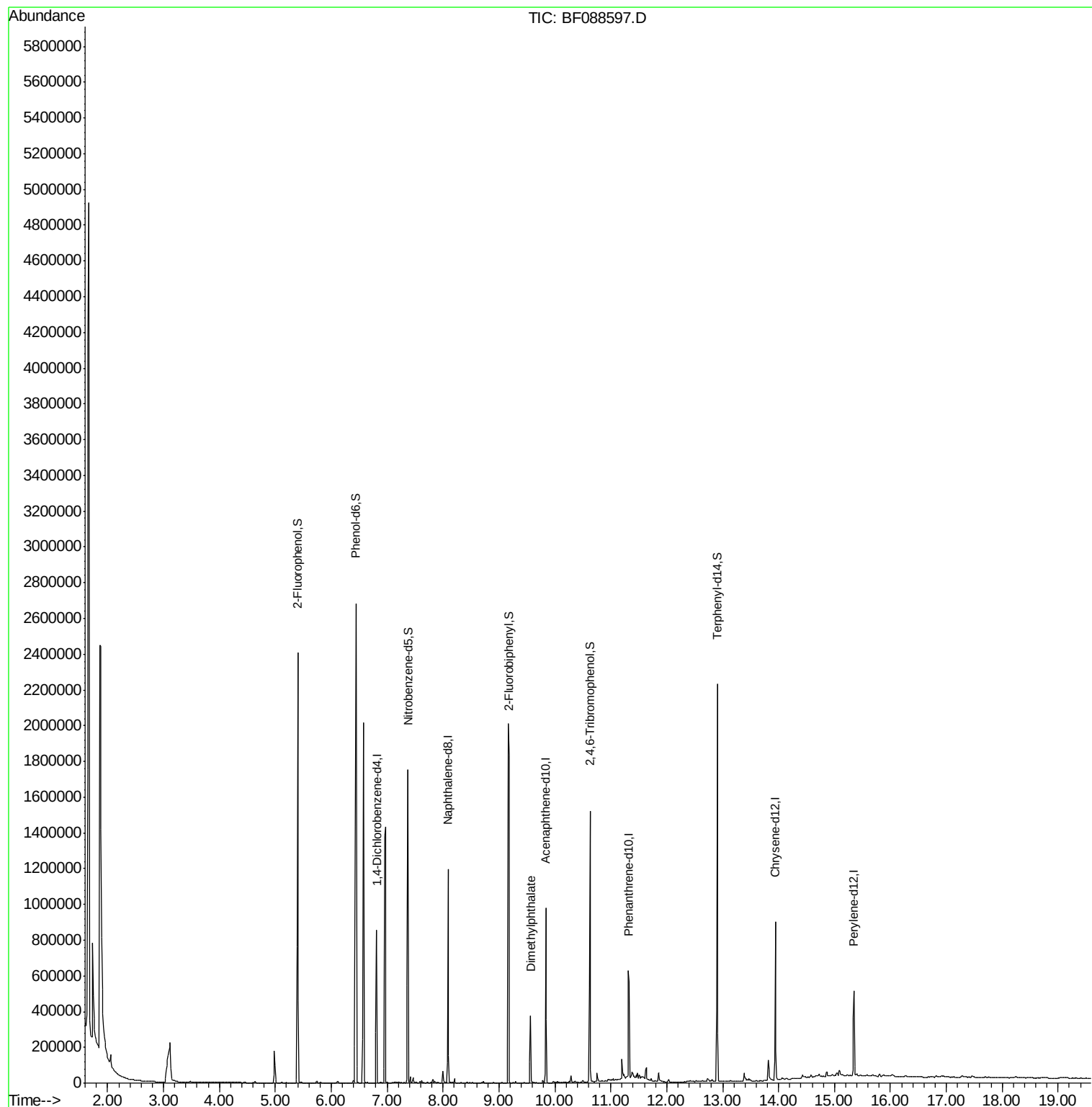
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128966	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	472744	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	191330	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	313332	20.00	ng	0.00
75) Chrysene-d12	13.94	240	252080	20.00	ng	-0.01
86) Perylene-d12	15.35	264	217769	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	724310	84.17	ng	0.01
7) Phenol-d6	6.44	99	1071981	96.41	ng	0.00
23) Nitrobenzene-d5	7.37	82	590170	65.42	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	164205	92.42	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	938984	77.52	ng	0.00
78) Terphenyl-d14	12.90	244	617364	54.55	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	160988	11.81	ng	Qvalue 98

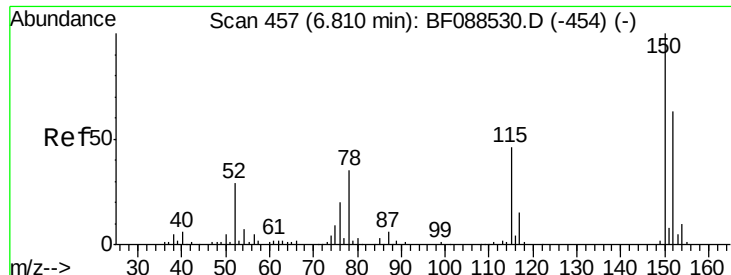
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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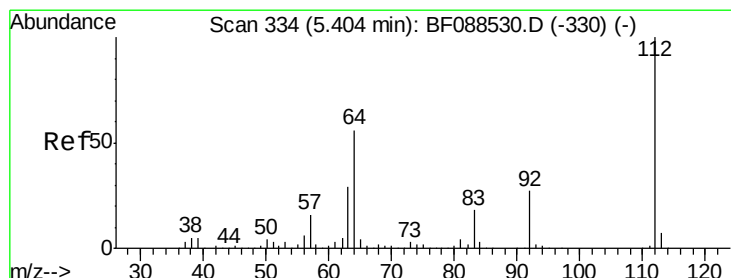
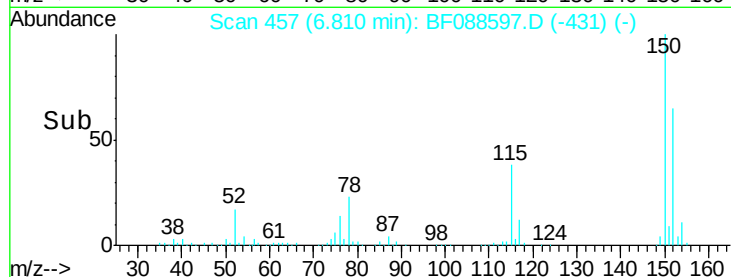
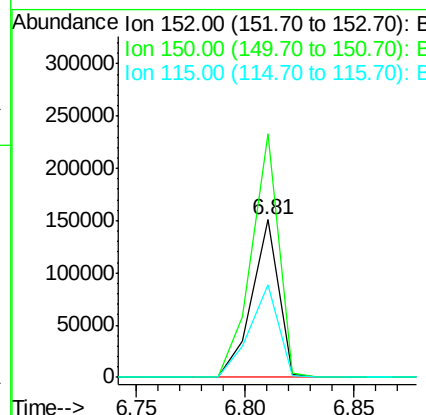
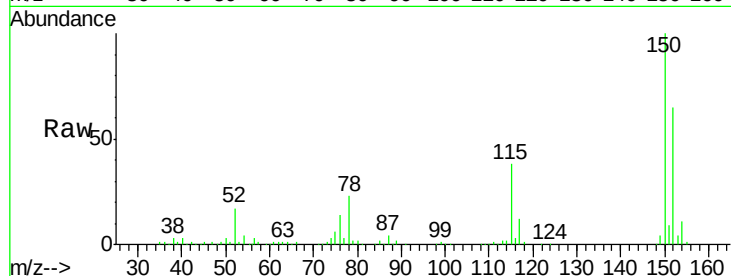




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF088597.D
 Acq: 2 Jul 2016 2:35

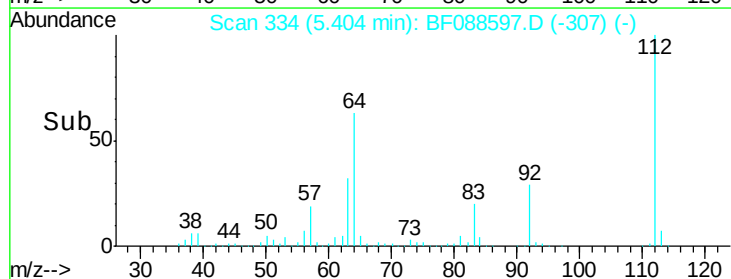
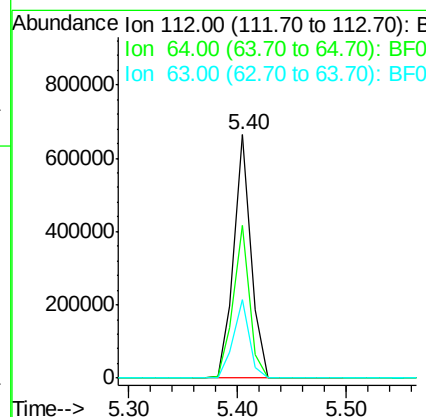
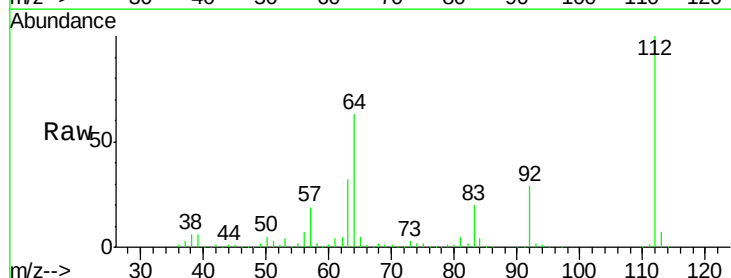
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

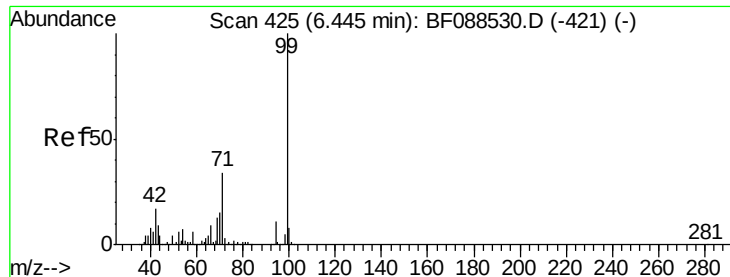
Tgt Ion:152 Resp: 128966
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.8 185.6
 115 59.3 39.6 59.4



#5
 2-Fluorophenol
 Concen: 84.17 ng
 RT: 5.40 min Scan# 334
 Delta R.T. 0.01 min
 Lab File: BF088597.D
 Acq: 2 Jul 2016 2:35

Tgt Ion:112 Resp: 724310
 Ion Ratio Lower Upper
 112 100
 64 62.7 42.2 63.2
 63 32.4 21.8 32.8





#7

Phenol-d6

Concen: 96.41 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088597.D

Acq: 2 Jul 2016 2:35

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

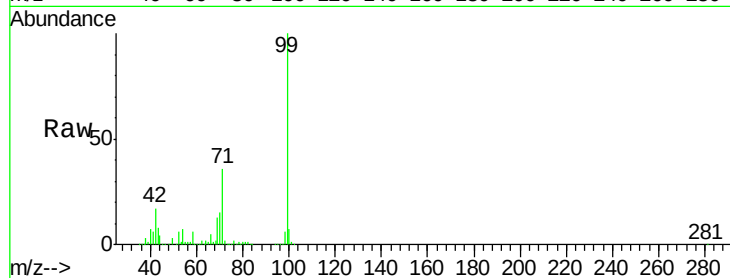
Tgt Ion: 99 Resp: 1071981

Ion Ratio Lower Upper

99 100

42 17.5 12.2 18.2

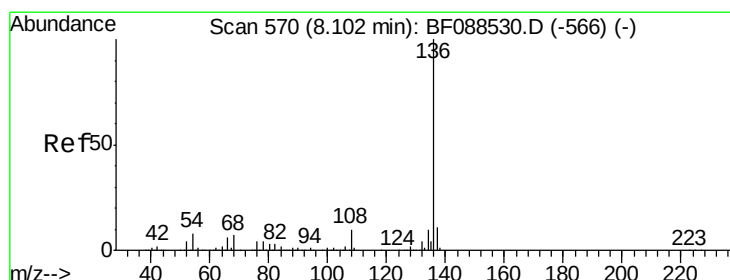
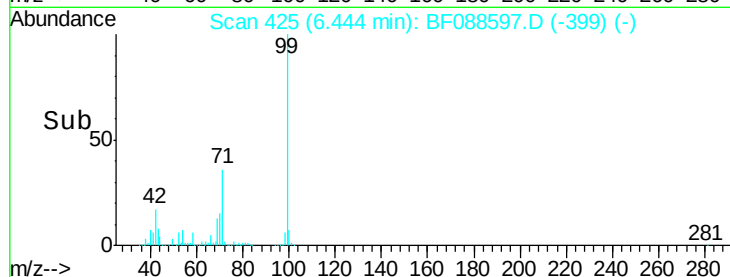
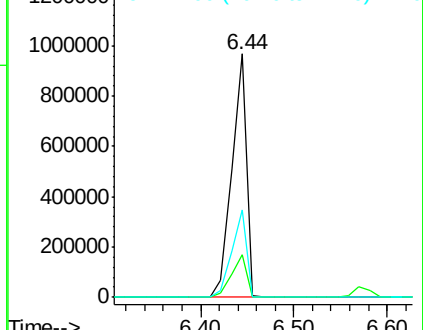
71 36.1 23.4 35.0#



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: 8.09 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF088597.D

Acq: 2 Jul 2016 2:35

Tgt Ion: 136 Resp: 472744

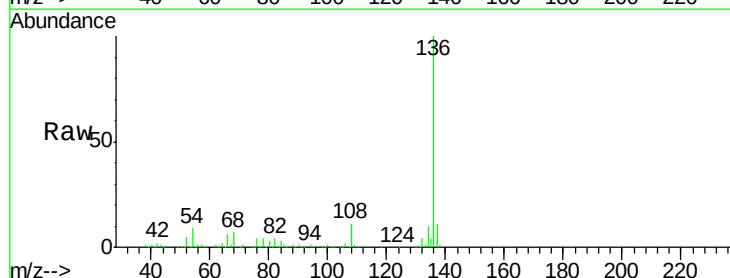
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.0 6.6 10.0

68 7.5 5.1 7.7

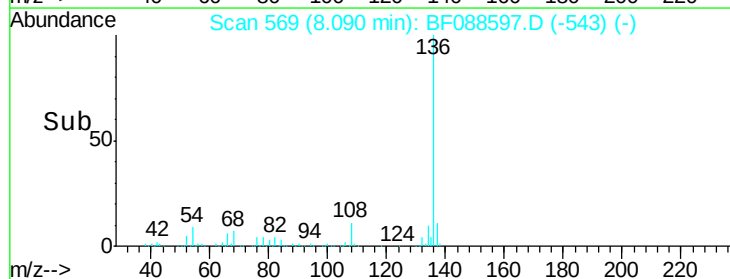
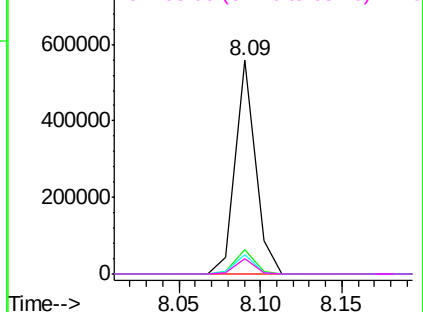


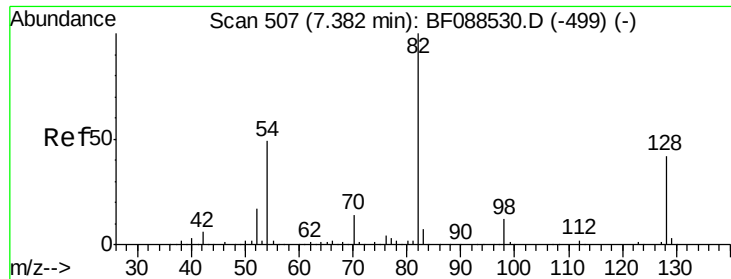
Abundance Ion 136.00 (135.70 to 136.70): E

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

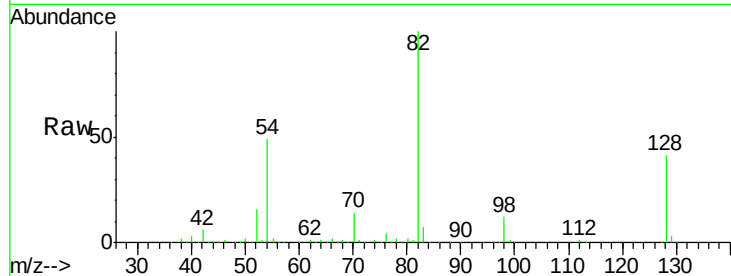




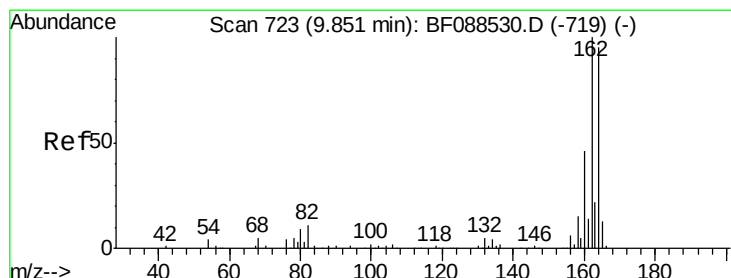
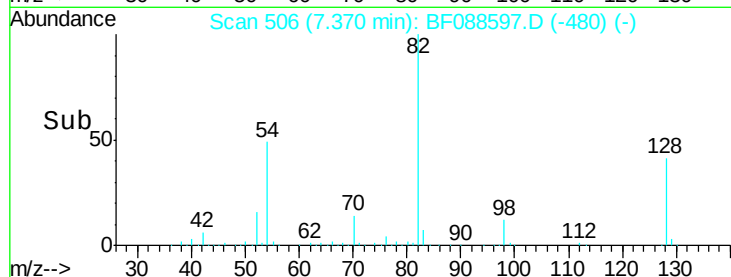
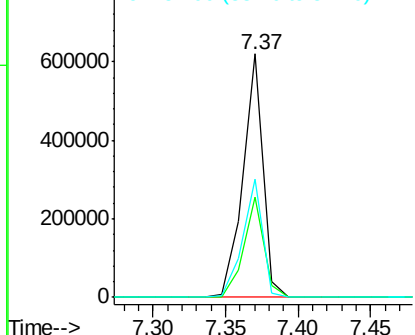
#23
 Nitrobenzene-d5
 Concen: 65.42 ng
 RT: 7.37 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF088597.D
 Acq: 2 Jul 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tgt Ion: 82 Resp: 590170
 Ion Ratio Lower Upper
 82 100
 128 41.2 35.9 53.9
 54 48.5 40.9 61.3

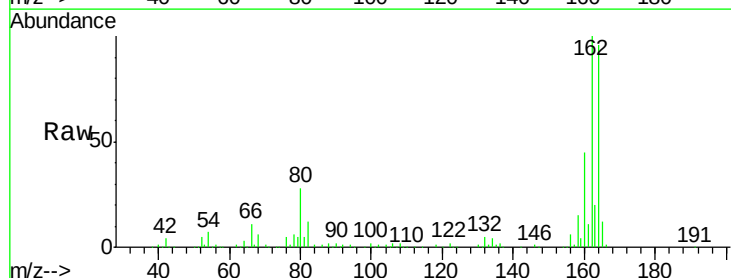


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

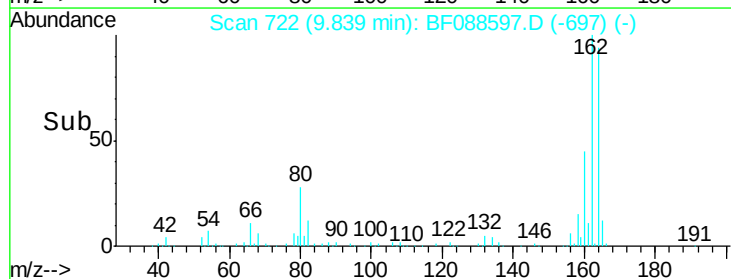
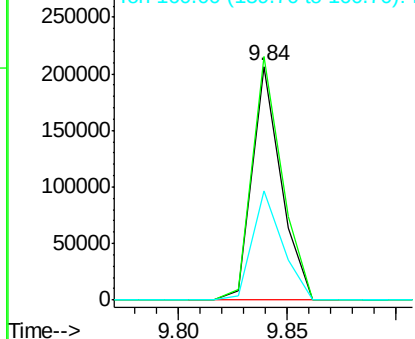


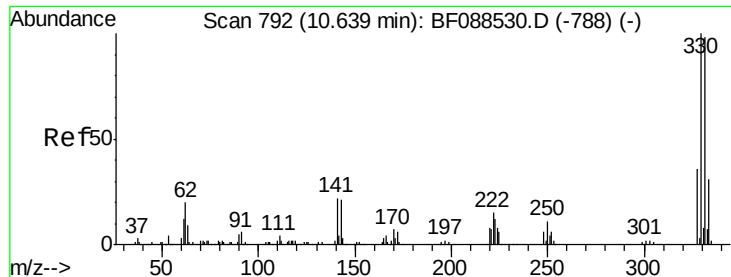
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088597.D
 Acq: 2 Jul 2016 2:35

Tgt Ion: 164 Resp: 191330
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.4 128.2
 160 46.8 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

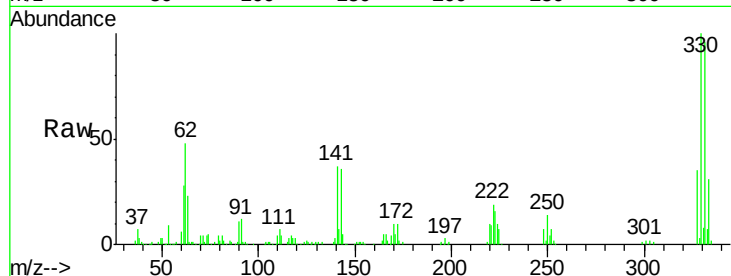




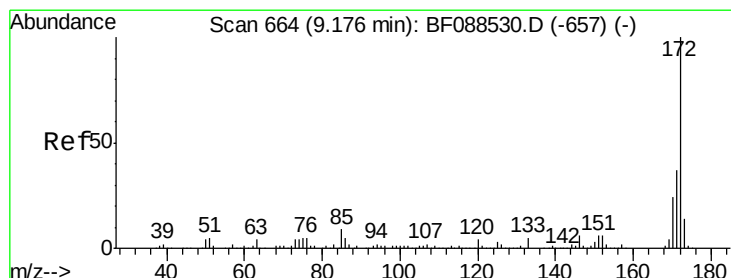
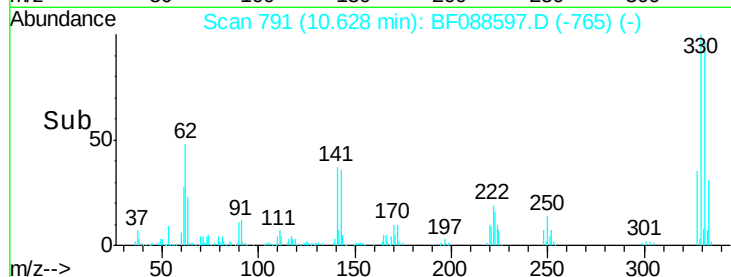
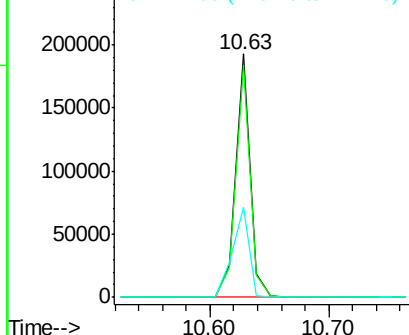
#41
 2,4,6-Tribromophenol
 Concen: 92.42 ng
 RT: 10.63 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF088597.D
 Acq: 2 Jul 2016 2:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	43.0	0.0	0.0#

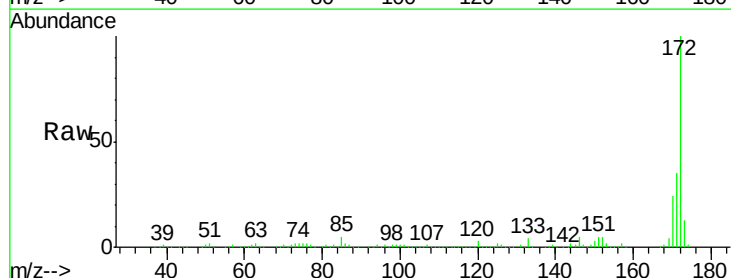


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

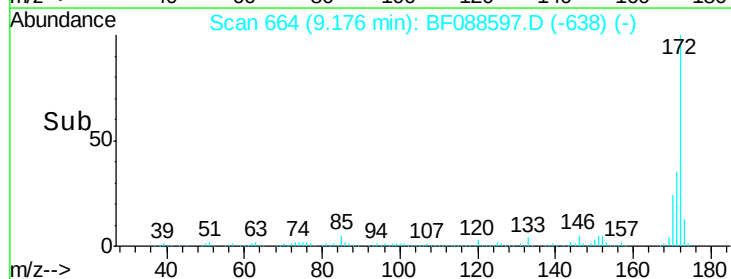
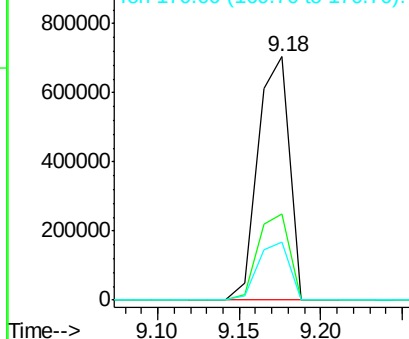


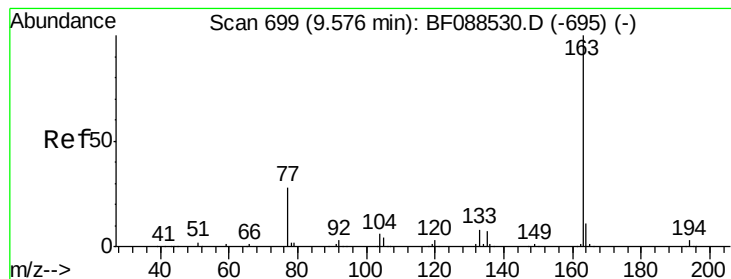
#44
 2-Fluorobiphenyl
 Concen: 77.52 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF088597.D
 Acq: 2 Jul 2016 2:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	24.0	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: 11.81 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF088597.D

Acq: 2 Jul 2016 2:35

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

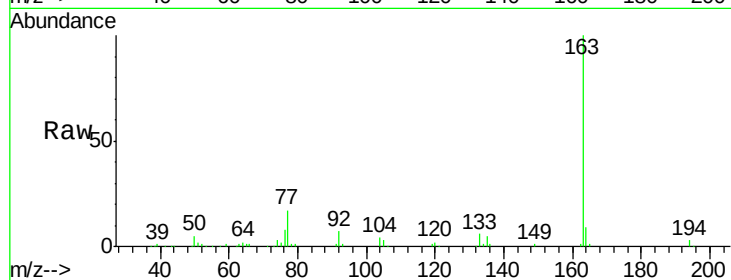
Tgt Ion:163 Resp: 160988

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

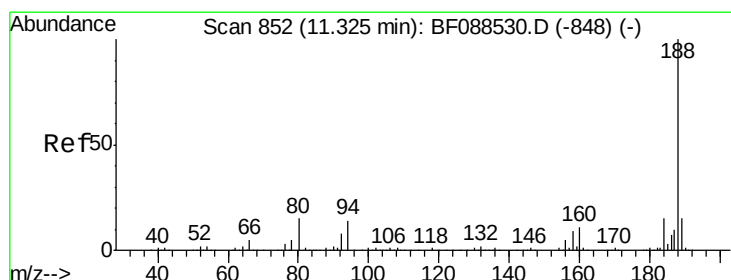
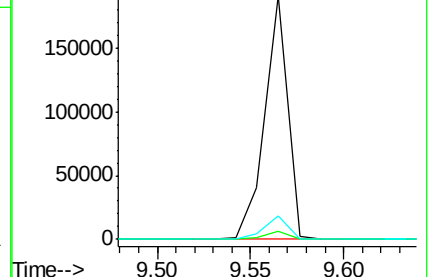
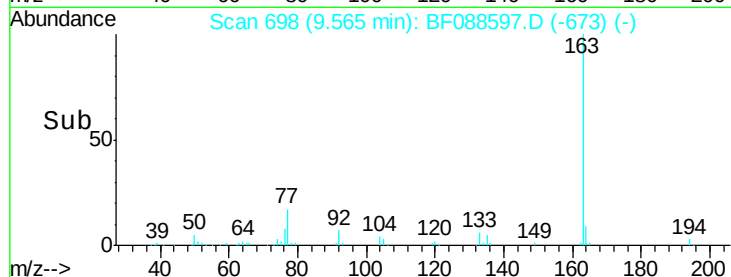
164 9.5 8.3 12.5



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: 11.32 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF088597.D

Acq: 2 Jul 2016 2:35

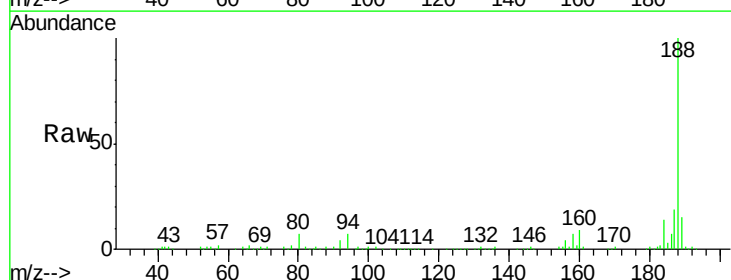
Tgt Ion:188 Resp: 313332

Ion Ratio Lower Upper

188 100

94 6.5 9.0 13.6#

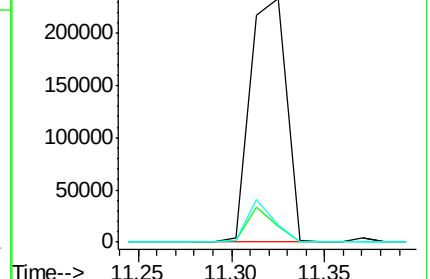
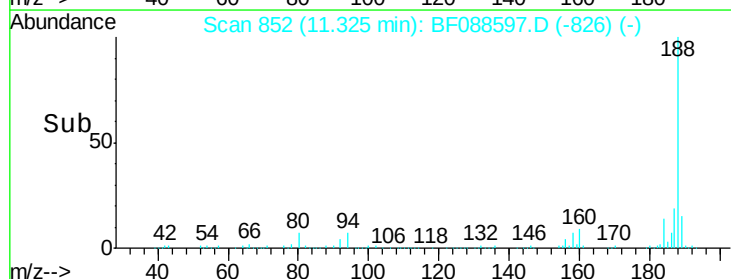
80 6.9 10.0 15.0#

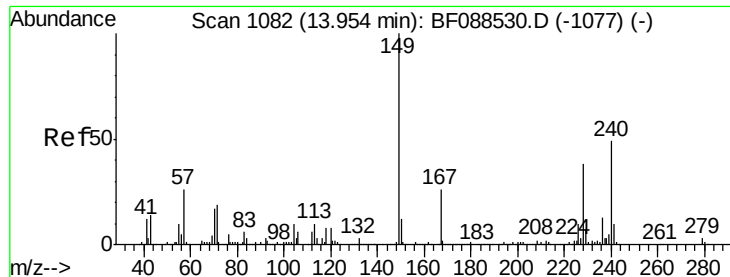


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088597.D

Acq: 2 Jul 2016 2:35

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

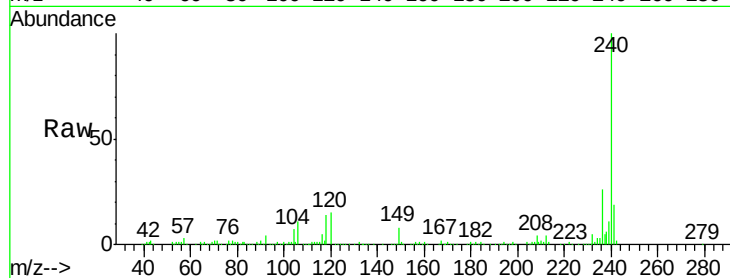
Tgt Ion:240 Resp: 252080

Ion Ratio Lower Upper

240 100

120 15.3 6.8 10.2#

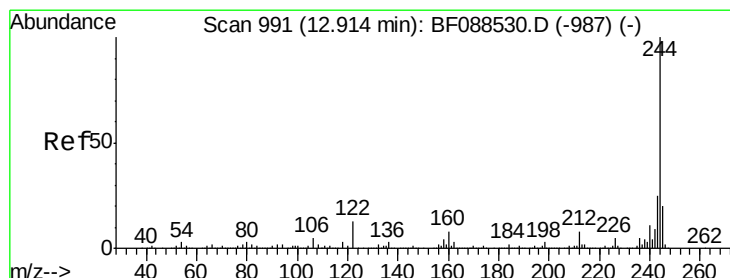
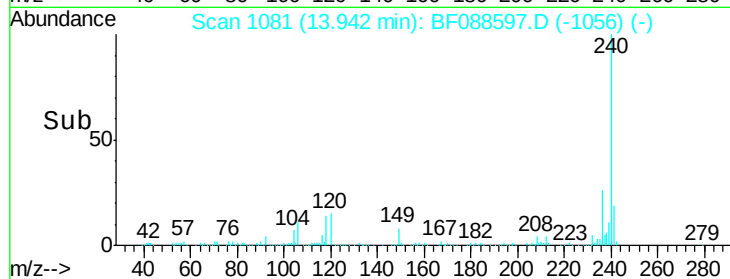
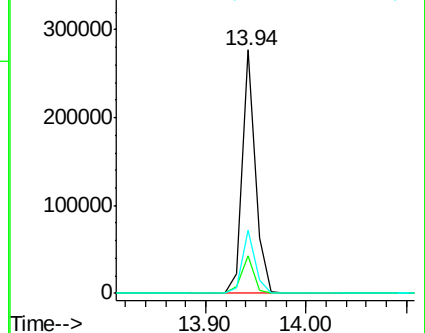
236 25.9 20.2 30.2



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



#78

Terphenyl-d14

Concen: 54.55 ng

RT: 12.90 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF088597.D

Acq: 2 Jul 2016 2:35

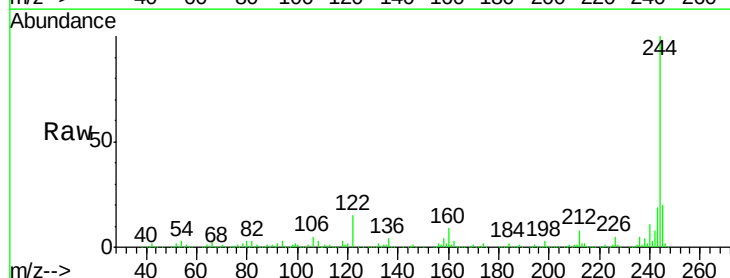
Tgt Ion:244 Resp: 617364

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

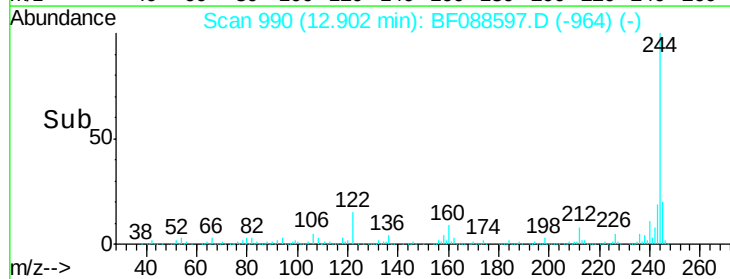
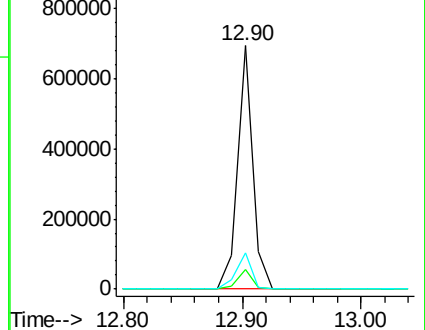
122 14.8 11.2 16.8

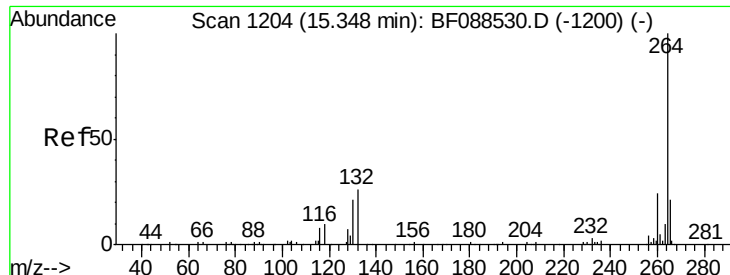


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

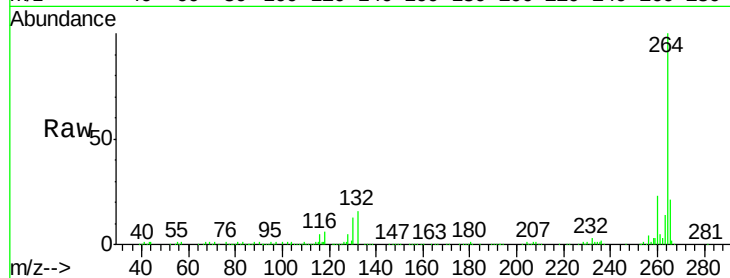




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF088597.D
Acq: 2 Jul 2016 2:35

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	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

