

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088640.D
 Acq On : 3 Jul 2016 10:42
 Operator : UM/SJ
 Sample : PB91807BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BL

Quant Time: Jul 04 05:31:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	100799	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	406829	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	191181	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	368334	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	332768	20.00	ng	-0.03
86) Perylene-d12	15.31	264	321135	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	700394	104.14	ng	-0.02
7) Phenol-d6	6.42	99	972841	111.94	ng	-0.02
23) Nitrobenzene-d5	7.35	82	631740	81.38	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	213236	120.11	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	1033590	85.40	ng	-0.03
78) Terphenyl-d14	12.88	244	1033046	69.15	ng	-0.03

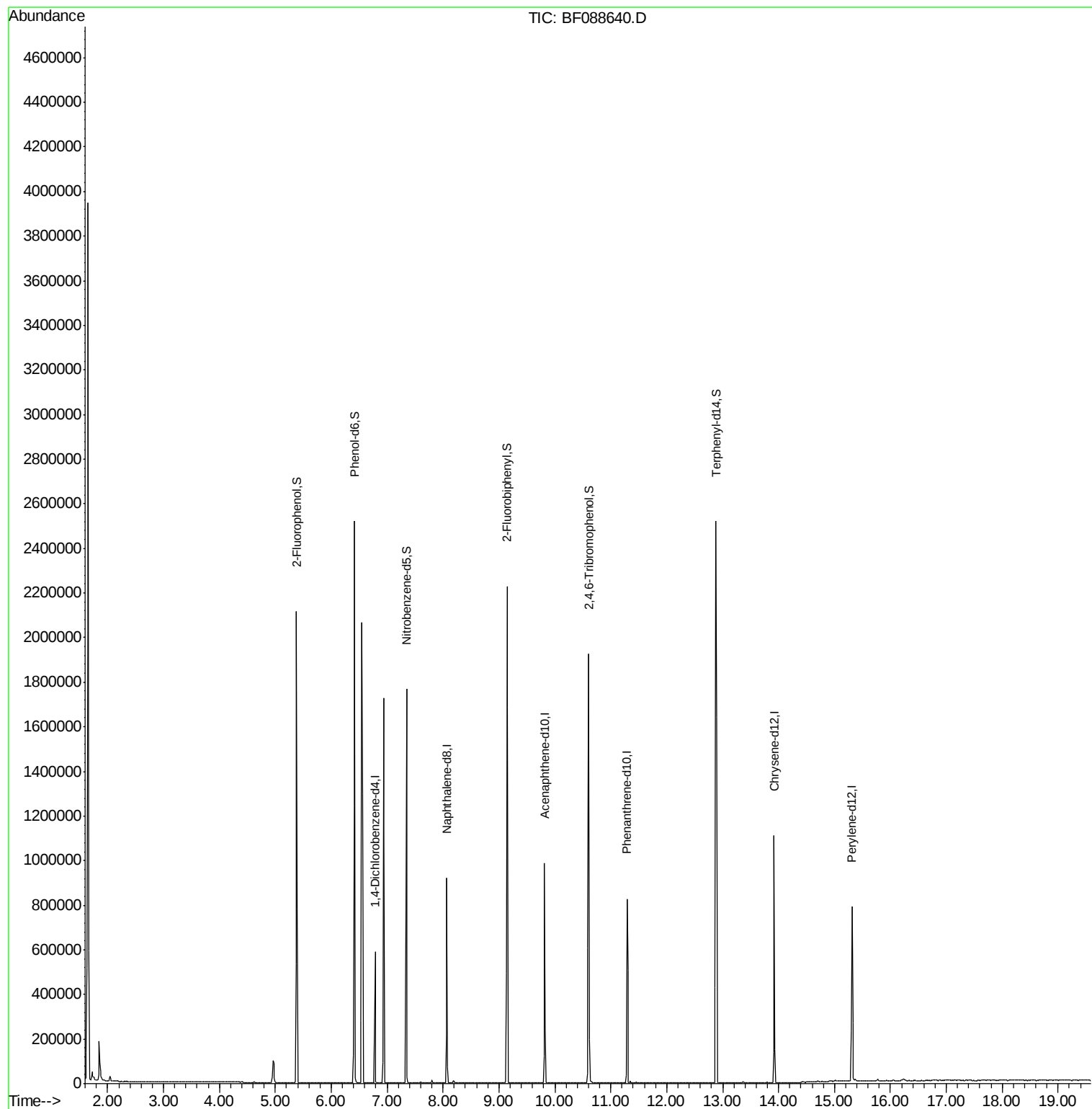
Target Compounds Qvalue

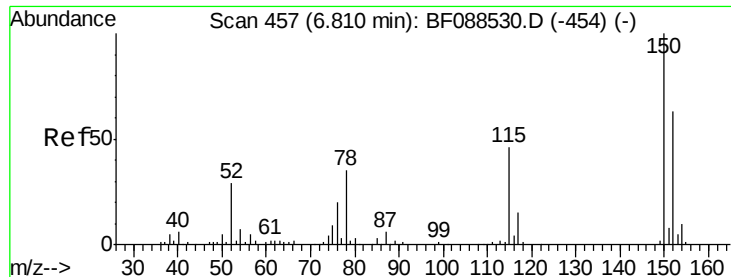
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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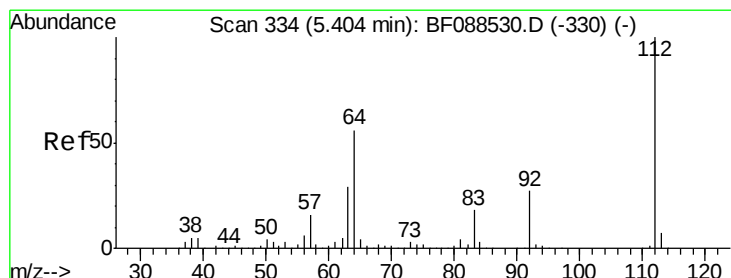
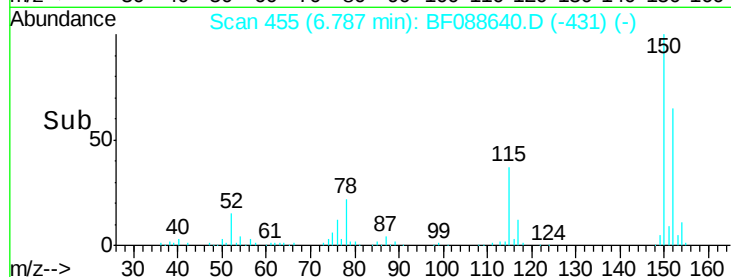
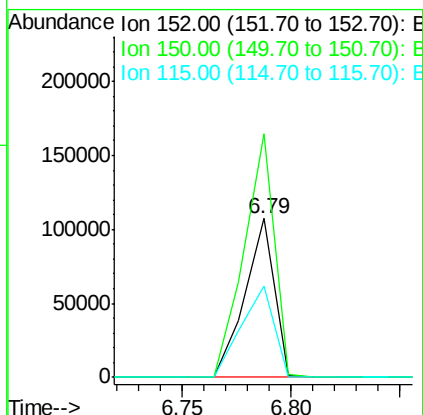
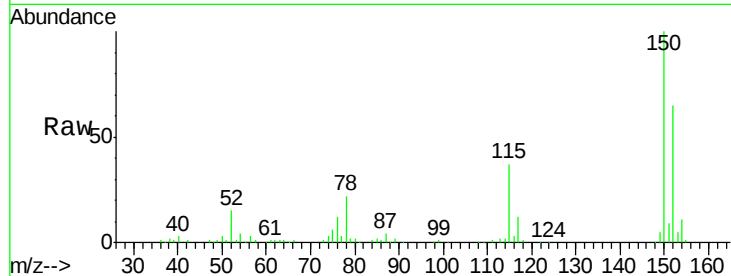


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088640.D
Acq: 3 Jul 2016 10:42

Instrument :
BNA_F
ClientSampled :
PB91807BL

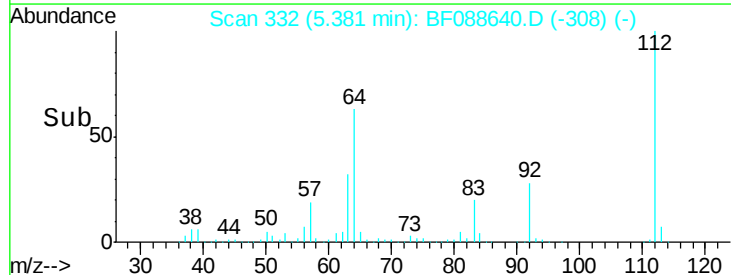
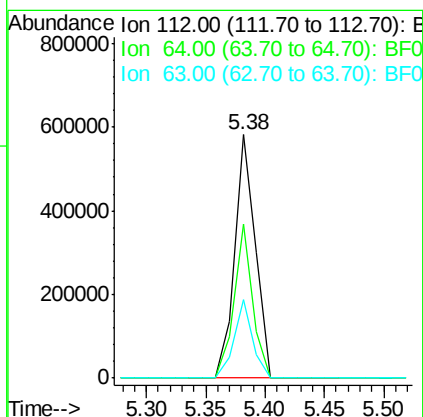
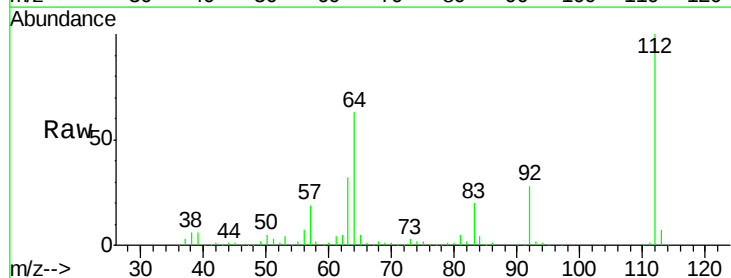
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.8	185.6
115	57.4	39.6	59.4

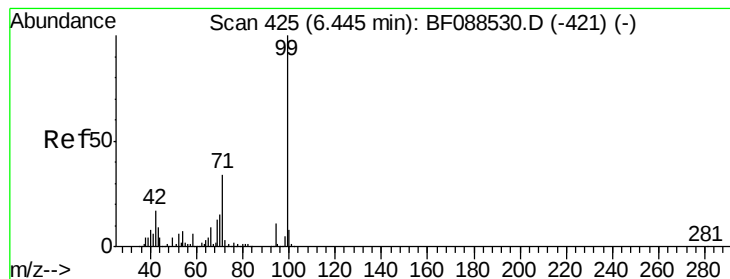


#5

2-Fluorophenol
Concen: 104.14 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088640.D
Acq: 3 Jul 2016 10:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	42.2	63.2
63	32.4	21.8	32.8





#7

Phenol-d6

Concen: 111.94 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088640.D

Acq: 3 Jul 2016 10:42

Instrument :

BNA_F

ClientSampleId :

PB91807BL

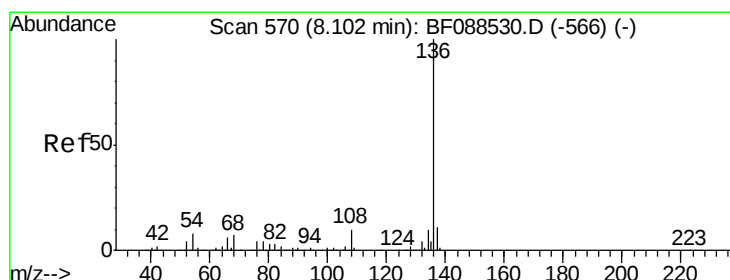
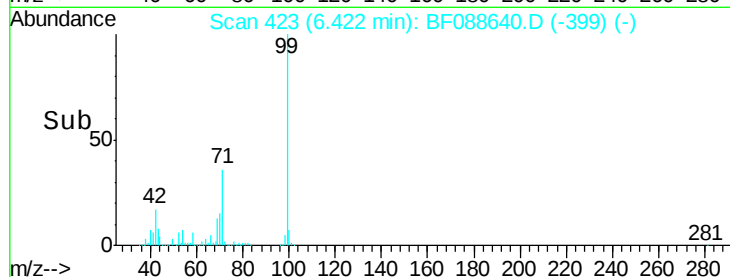
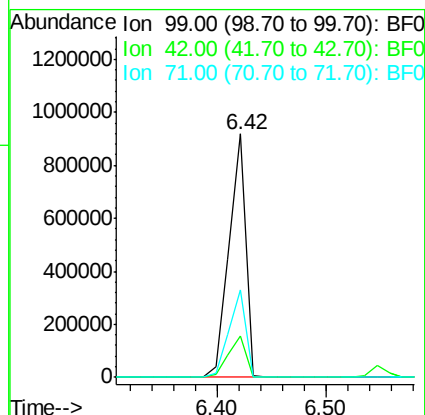
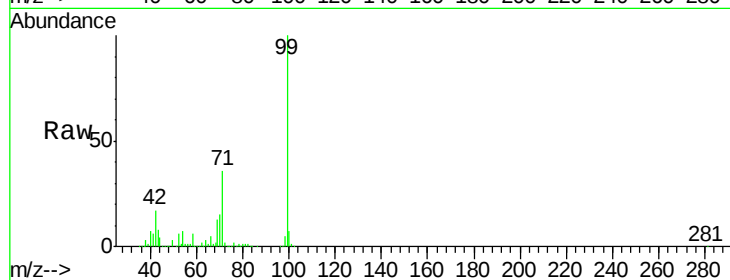
Tot Ion: 99 Resp: 972841

Ion Ratio Lower Upper

99 100

42 17.1 12.2 18.2

71 35.7 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088640.D

Acq: 3 Jul 2016 10:42

Tgt Ion: 136 Resp: 406829

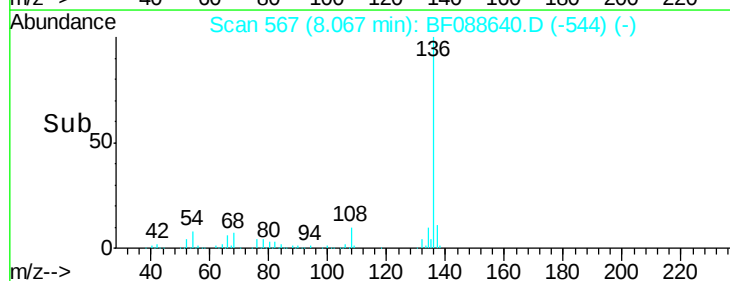
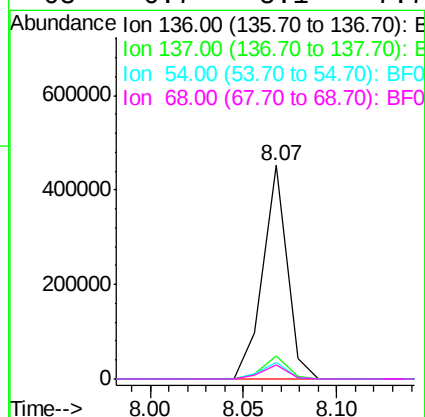
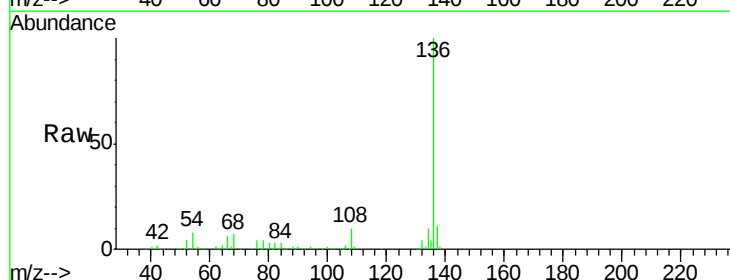
Ion Ratio Lower Upper

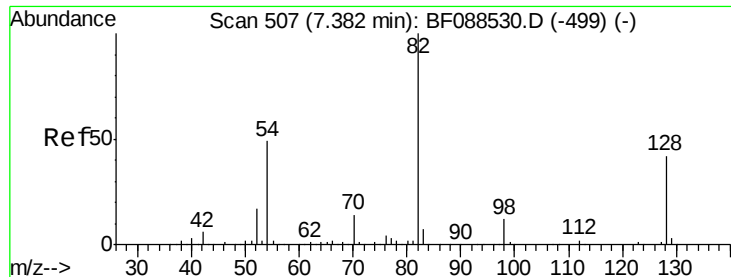
136 100

137 10.8 9.1 13.7

54 8.0 6.6 10.0

68 6.7 5.1 7.7

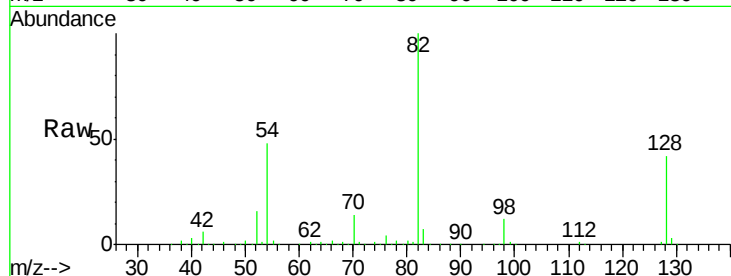




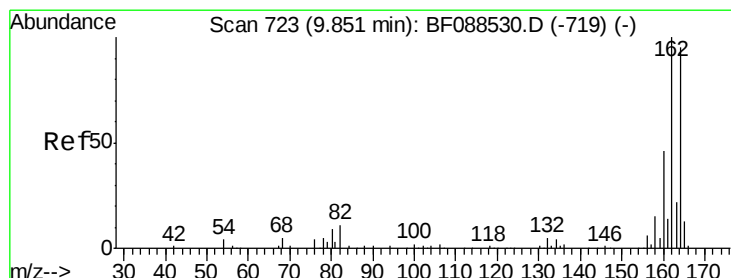
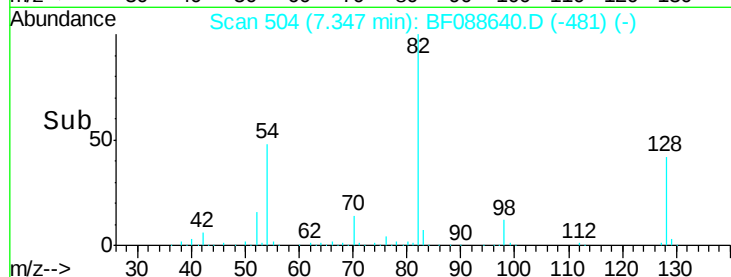
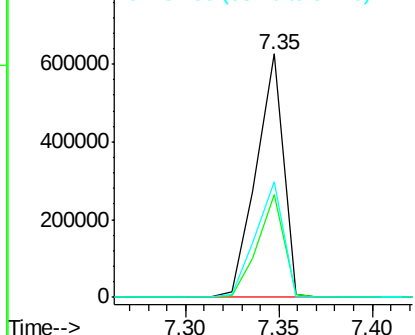
#23
 Nitrobenzene-d5
 Concen: 81.38 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088640.D
 Acq: 3 Jul 2016 10:42

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BL

Tot Ion: 82 Resp: 631740
 Ion Ratio Lower Upper
 82 100
 128 42.3 35.9 53.9
 54 47.7 40.9 61.3

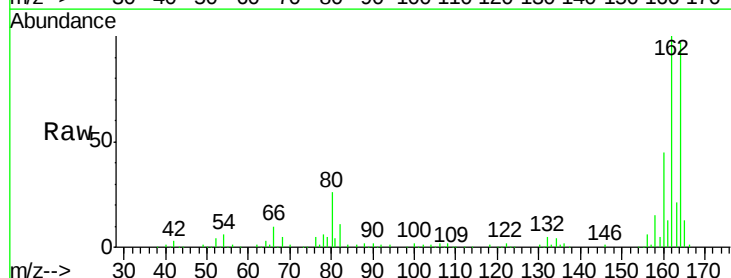


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

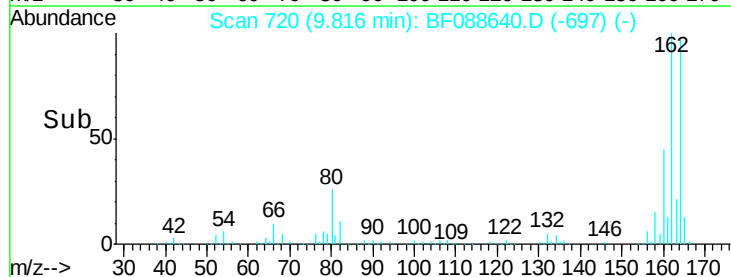
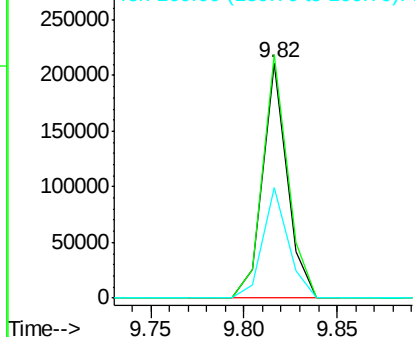


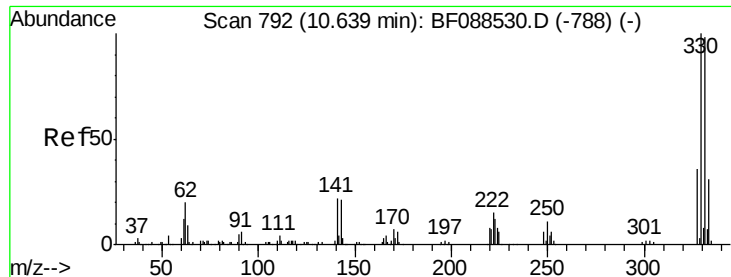
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088640.D
 Acq: 3 Jul 2016 10:42

Tgt Ion:164 Resp: 191181
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.4 128.2
 160 47.0 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

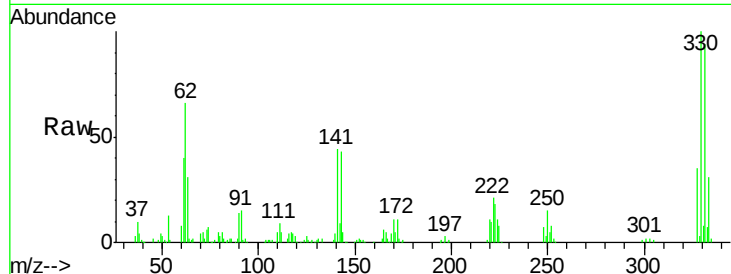




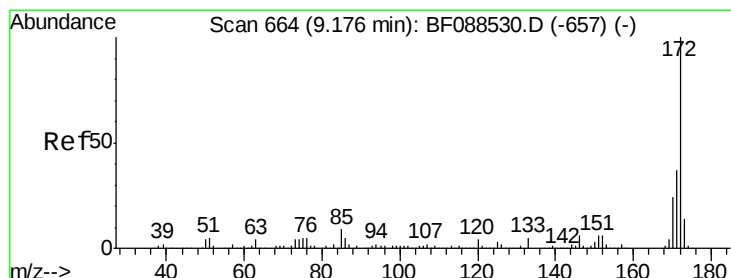
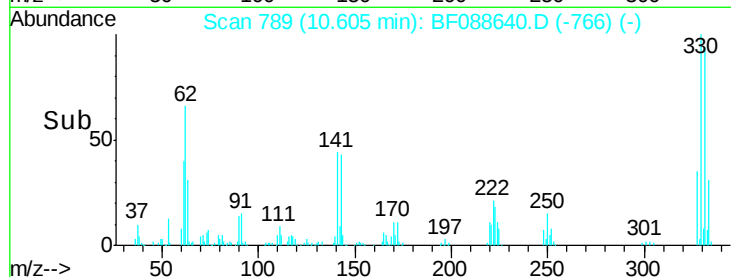
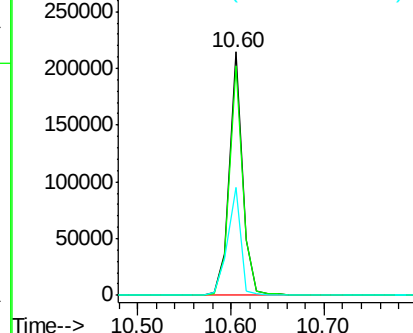
#41
 2,4,6-Tribromophenol
 Concen: 120.11 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088640.D
 Acq: 3 Jul 2016 10:42

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	43.7	0.0	0.0#

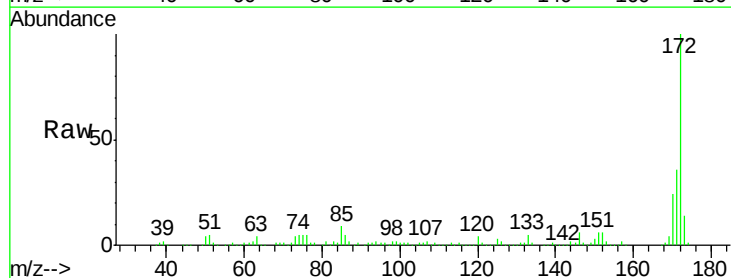


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

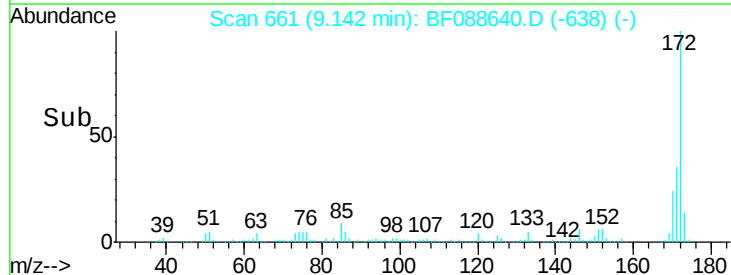
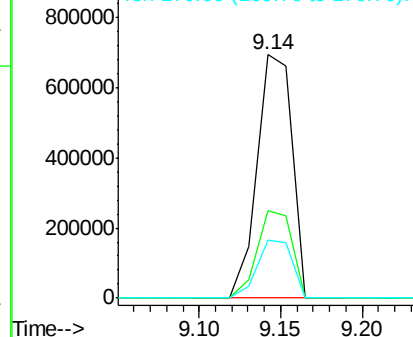


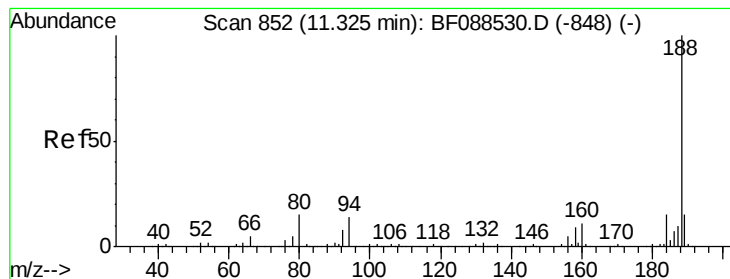
#44
 2-Fluorobiphenyl
 Concen: 85.40 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088640.D
 Acq: 3 Jul 2016 10:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.03 min

Lab File: BF088640.D

Acq: 3 Jul 2016 10:42

Instrument :

BNA_F

ClientSampleId :

PB91807BL

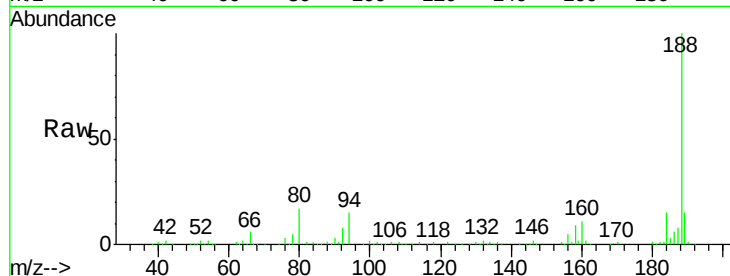
Tot Ion:188 Resp: 368334

Ion Ratio Lower Upper

188 100

94 14.8 9.0 13.6#

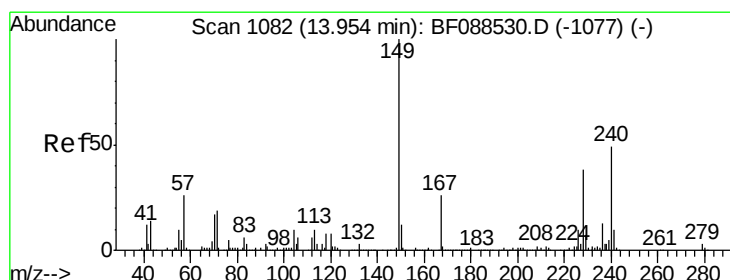
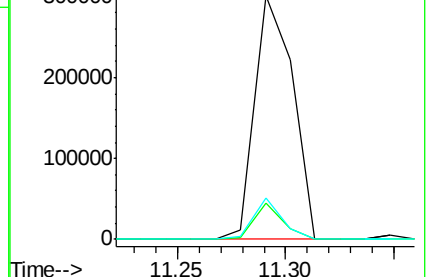
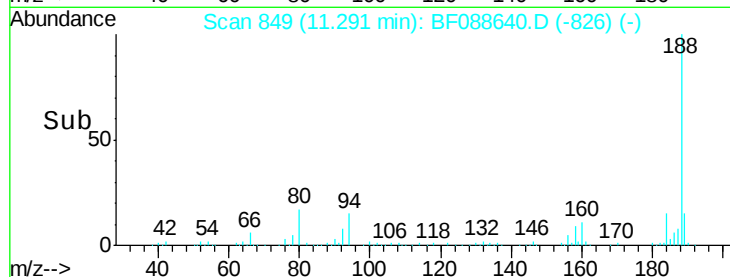
80 16.9 10.0 15.0#



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: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088640.D

Acq: 3 Jul 2016 10:42

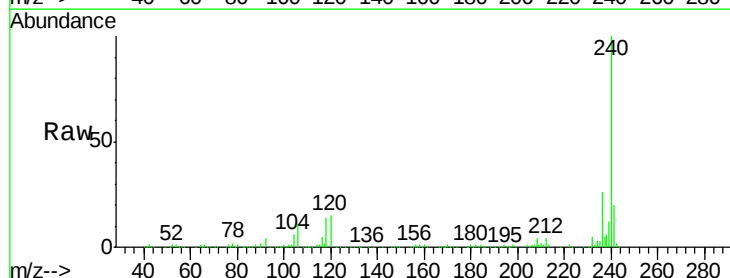
Tgt Ion:240 Resp: 332768

Ion Ratio Lower Upper

240 100

120 15.2 6.8 10.2#

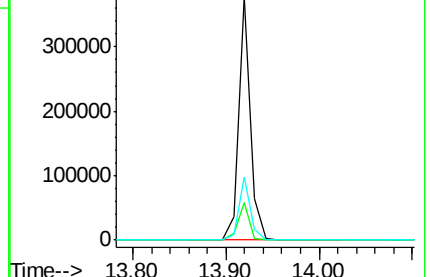
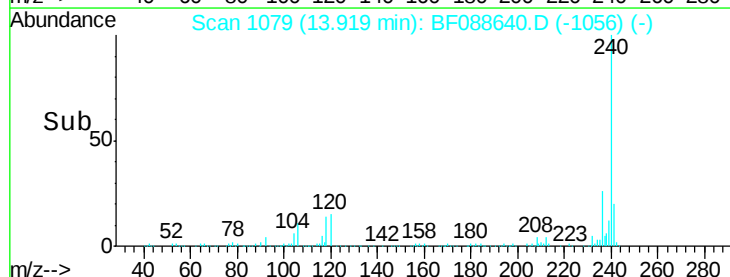
236 26.2 20.2 30.2

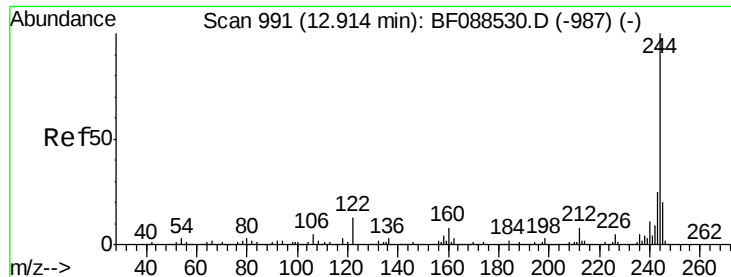


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

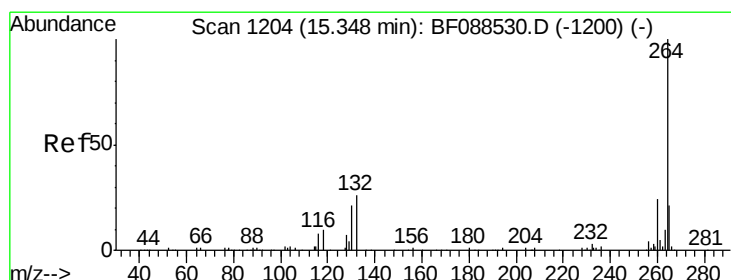
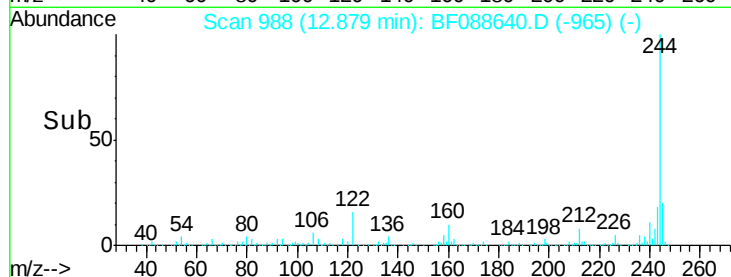
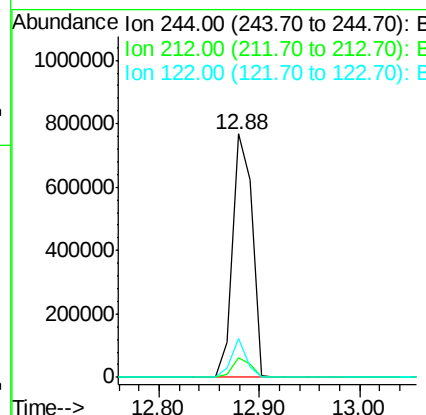
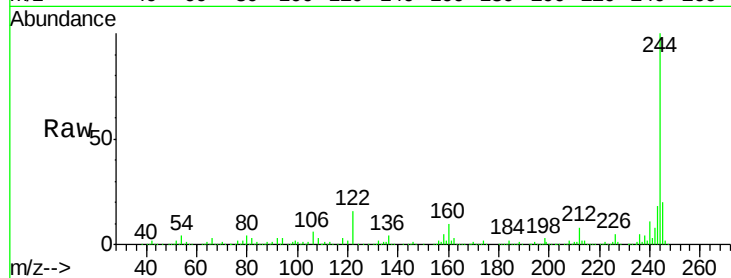




#78
 Terphenyl-d14
 Concen: 69.15 ng
 RT: 12.88 min Scan# 988
 Delta R.T. -0.03 min
 Lab File: BF088640.D
 Acq: 3 Jul 2016 10:42

Instrument :
 BNA_F
 ClientSampleID :
 PB91807BL

Tot Ion:244 Resp: 1033046
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 16.0 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF088640.D
 Acq: 3 Jul 2016 10:42

Tgt Ion:264 Resp: 321135
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.7 16.9 25.3

