

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088704.D
 Acq On : 5 Jul 2016 15:45
 Operator : UM/SJ
 Sample : H3836-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-062716

Quant Time: Jul 05 17:52:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	103957	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	398941	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	195659	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	407646	20.00	ng	0.00
75) Chrysene-d12	13.91	240	340929	20.00	ng	-0.01
86) Perylene-d12	15.30	264	283323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	466512	67.26	ng	0.00
7) Phenol-d6	6.41	99	373868	41.71	ng	0.00
23) Nitrobenzene-d5	7.34	82	677266	88.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	289757	159.48	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1236047	99.79	ng	0.00
78) Terphenyl-d14	12.88	244	1231212	80.44	ng	0.01

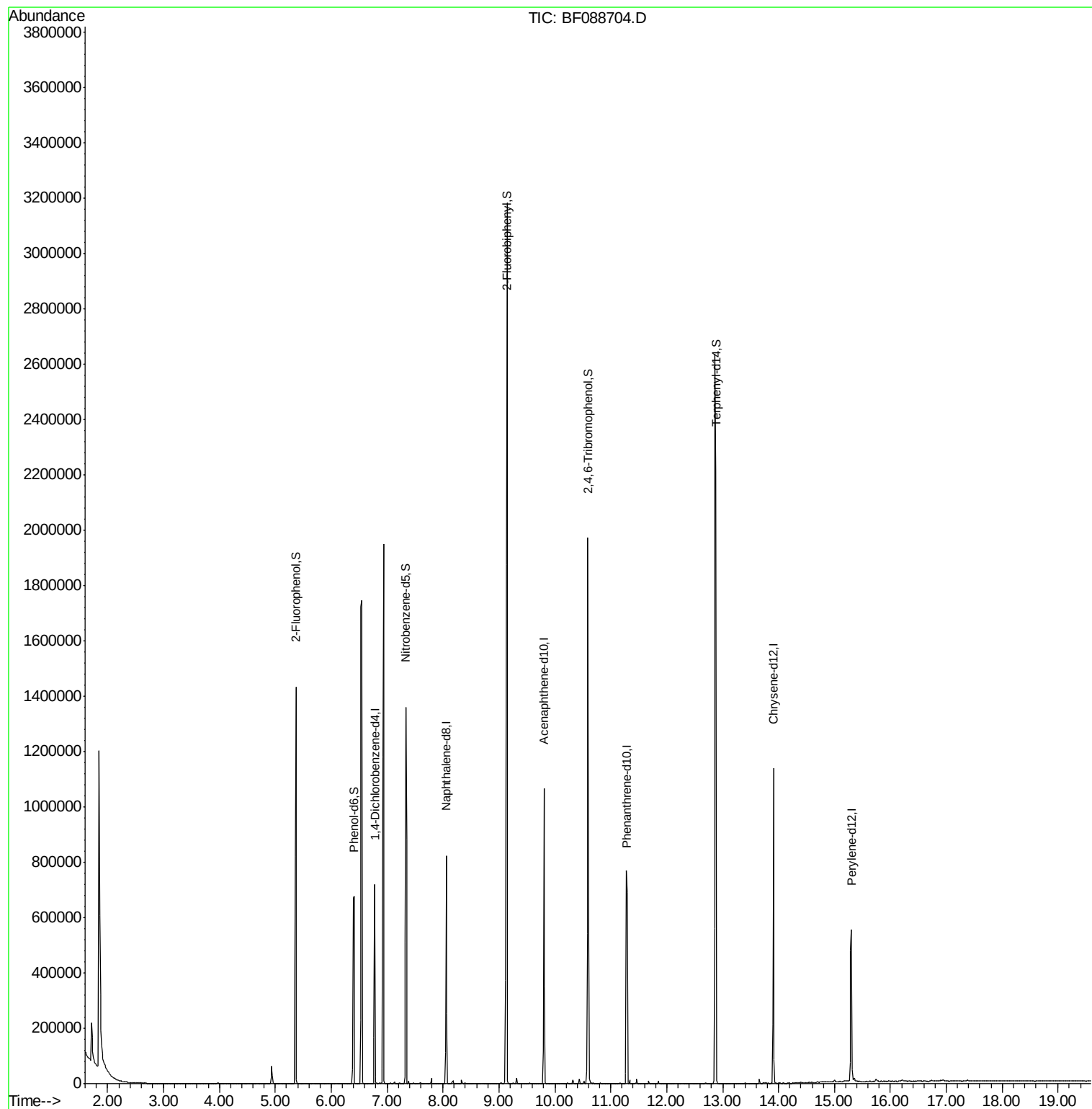
Target Compounds Qvalue

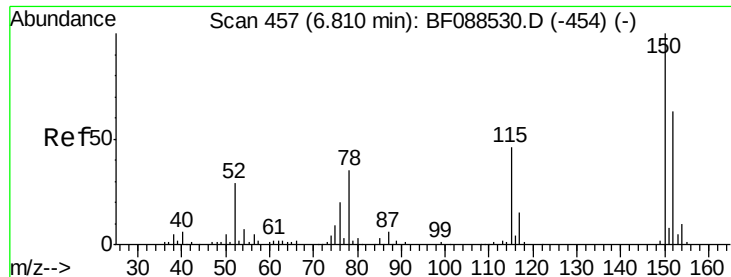
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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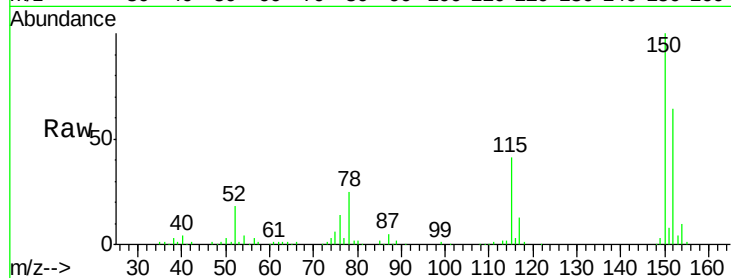


#1

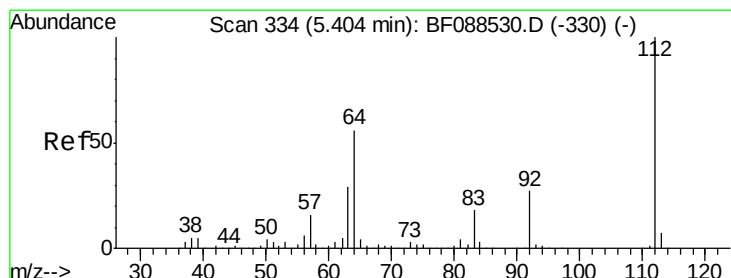
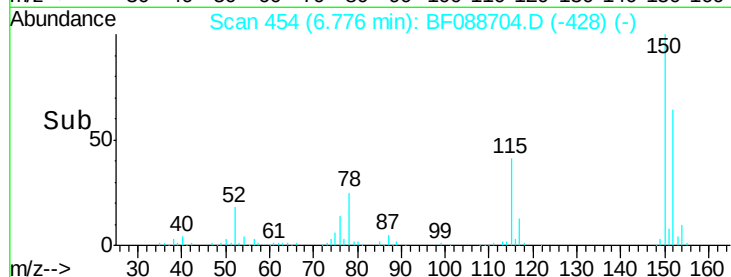
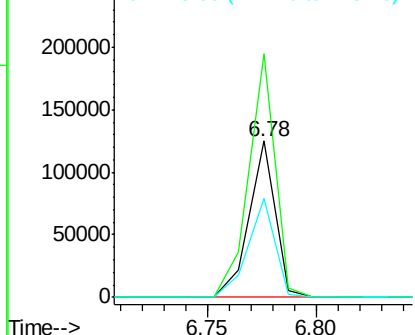
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF088704.D
Acq: 5 Jul 2016 15:45

Instrument :
BNA_F
ClientSampled :
FB-062716

Tot Ion:152 Resp: 103957
Ion Ratio Lower Upper
152 100
150 156.0 123.8 185.6
115 63.6 39.6 59.4#



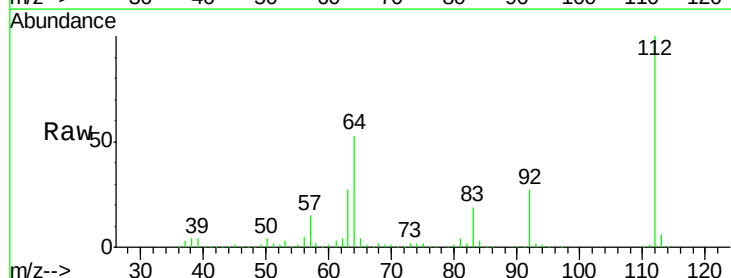
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



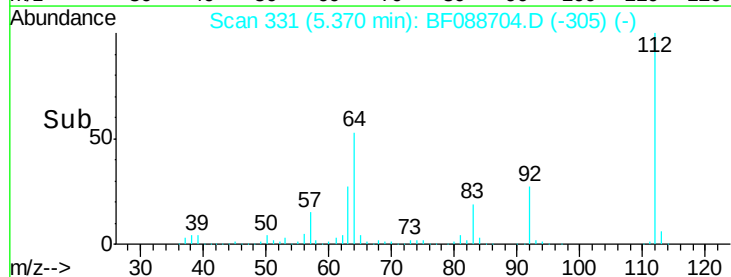
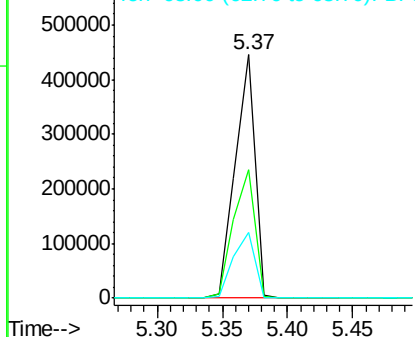
#5

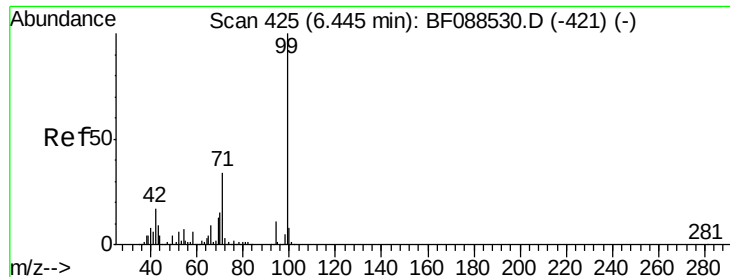
2-Fluorophenol
Concen: 67.26 ng
RT: 5.37 min Scan# 331
Delta R.T. 0.00 min
Lab File: BF088704.D
Acq: 5 Jul 2016 15:45

Tgt Ion:112 Resp: 466512
Ion Ratio Lower Upper
112 100
64 52.7 42.2 63.2
63 27.2 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: 41.71 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088704.D

Acq: 5 Jul 2016 15:45

Instrument :

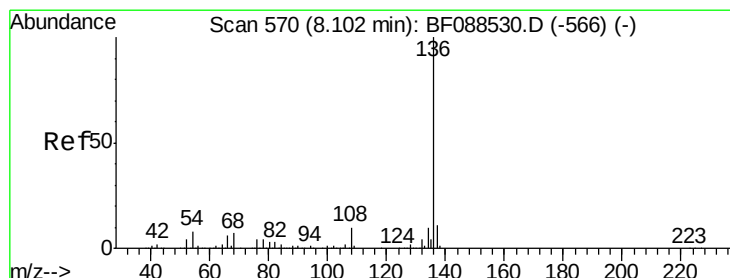
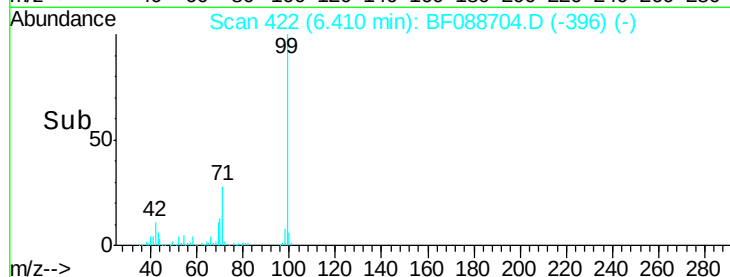
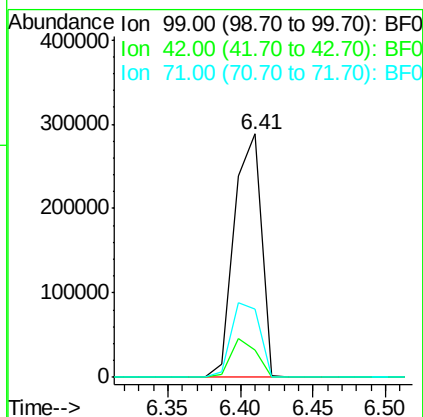
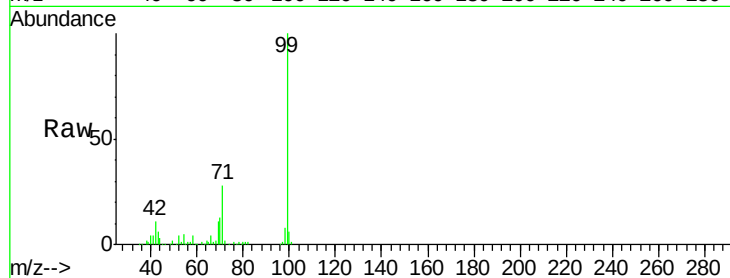
BNA_F

ClientSampleId :

FB-062716

Tot Ion: 99 Resp: 373868

Ion	Ratio	Lower	Upper
99	100		
42	11.2	12.2	18.2#
71	28.1	23.4	35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 566

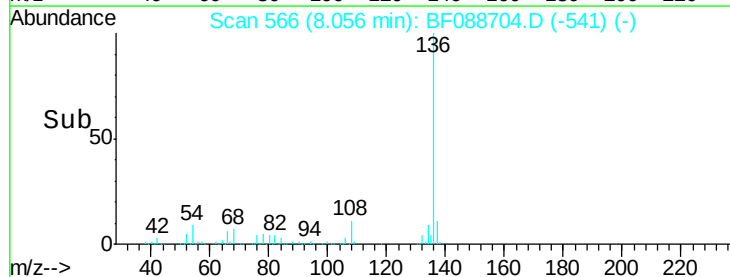
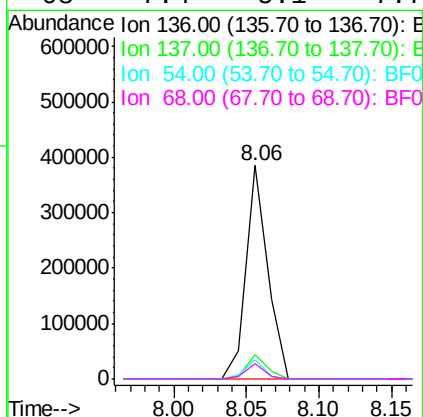
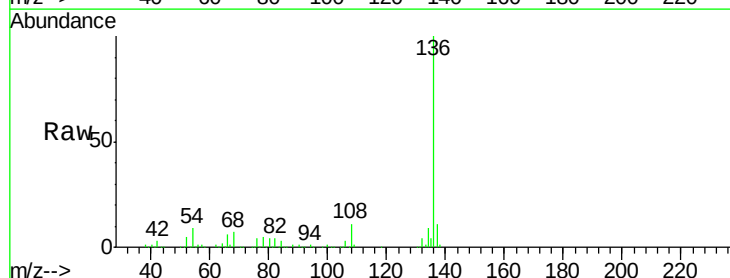
Delta R.T. -0.01 min

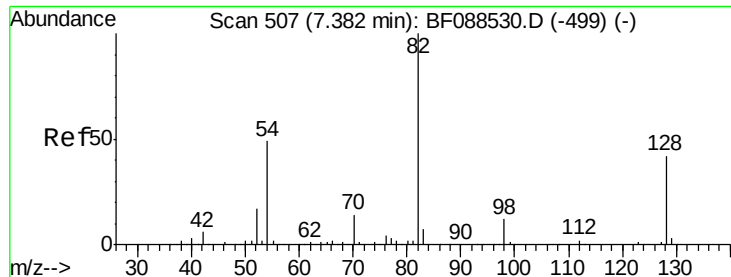
Lab File: BF088704.D

Acq: 5 Jul 2016 15:45

Tgt Ion: 136 Resp: 398941

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.1	6.6	10.0
68	7.4	5.1	7.7

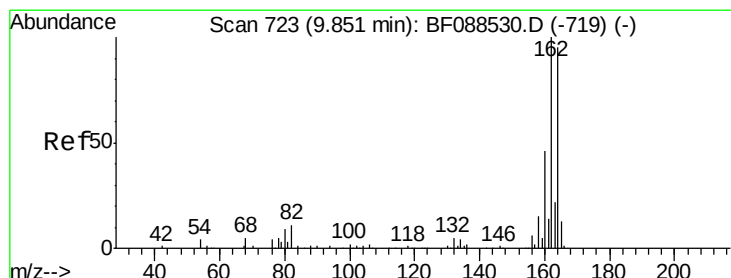
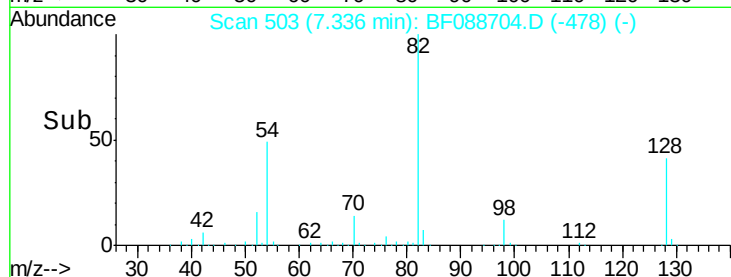
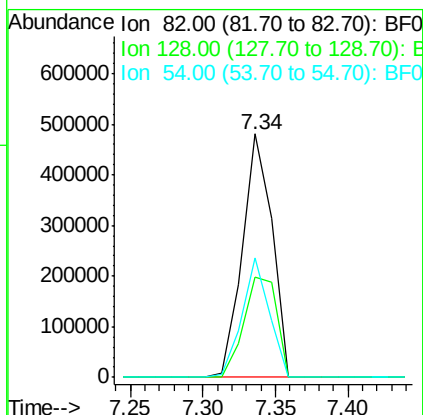
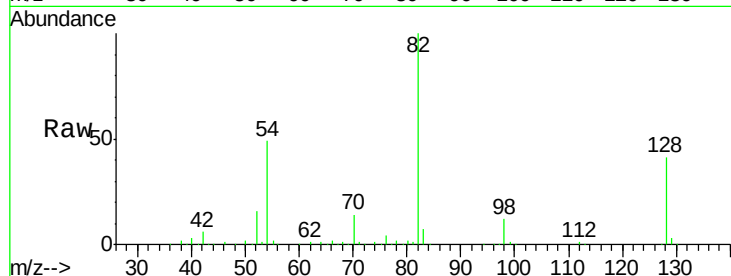




#23
 Nitrobenzene-d5
 Concen: 88.97 ng
 RT: 7.34 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF088704.D
 Acq: 5 Jul 2016 15:45

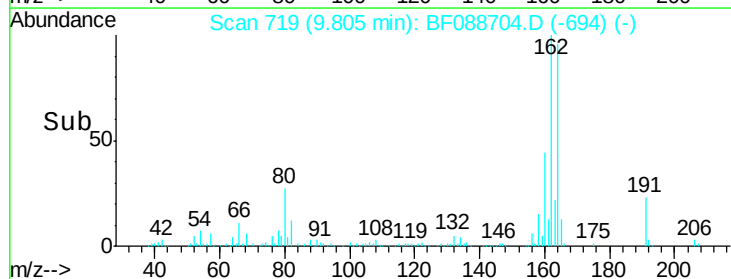
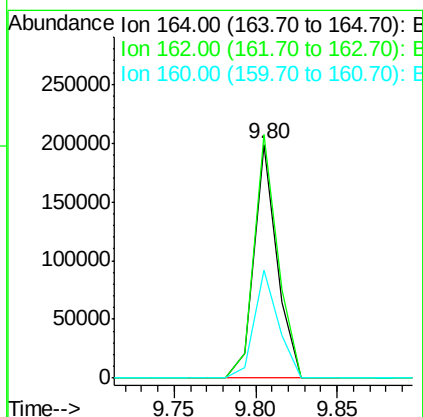
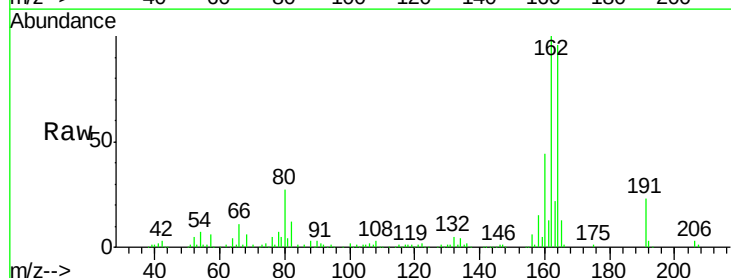
Instrument :
 BNA_F
 ClientSampleId :
 FB-062716

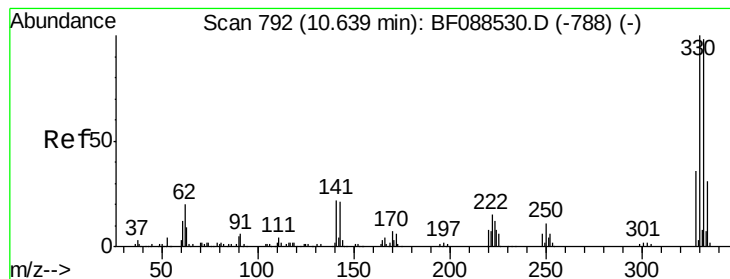
Tot Ion: 82 Resp: 677266
 Ion Ratio Lower Upper
 82 100
 128 41.1 35.9 53.9
 54 49.0 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF088704.D
 Acq: 5 Jul 2016 15:45

Tgt Ion:164 Resp: 195659
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.4 128.2
 160 46.1 39.5 59.3





#41

2,4,6-Tribromophenol

Concen: 159.48 ng

RT: 10.59 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF088704.D

Acq: 5 Jul 2016 15:45

Instrument :

BNA_F

ClientSampleId :

FB-062716

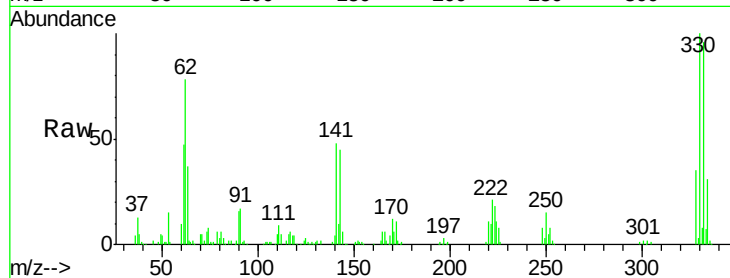
Tot Ion:330 Resp: 289757

Ion Ratio Lower Upper

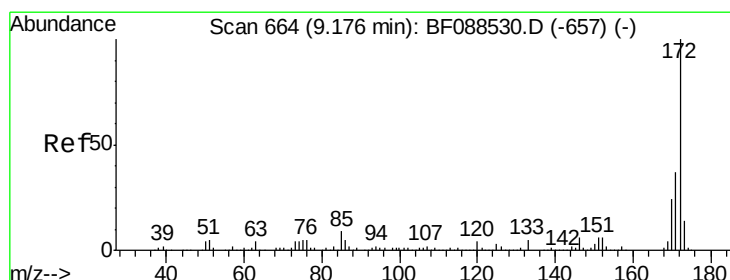
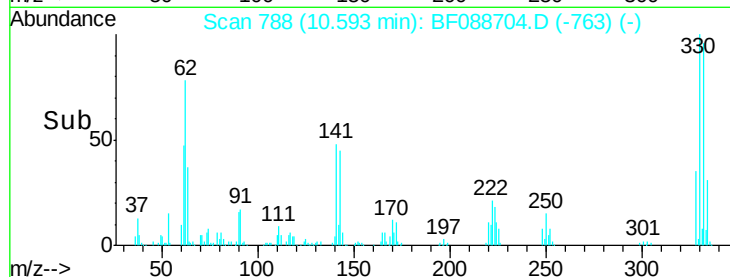
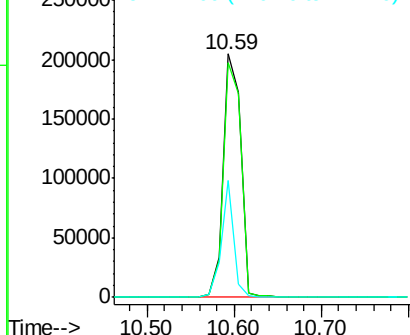
330 100

332 97.3 0.0 0.0#

141 34.0 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: 99.79 ng

RT: 9.14 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF088704.D

Acq: 5 Jul 2016 15:45

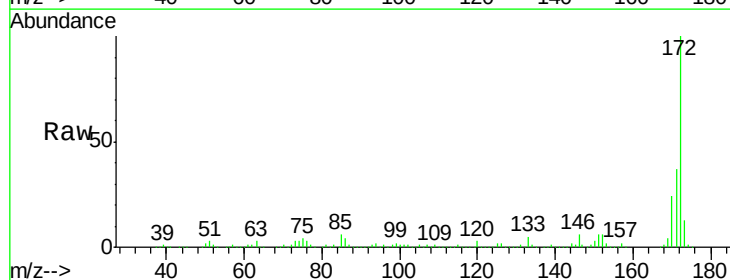
Tgt Ion:172 Resp: 1236047

Ion Ratio Lower Upper

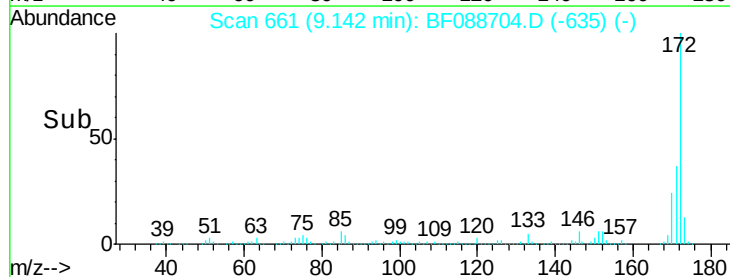
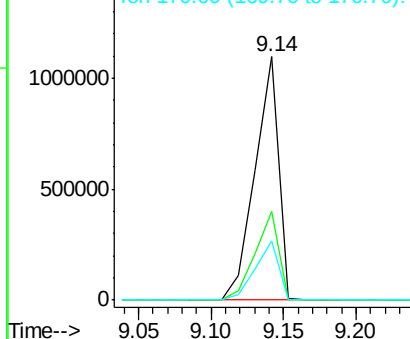
172 100

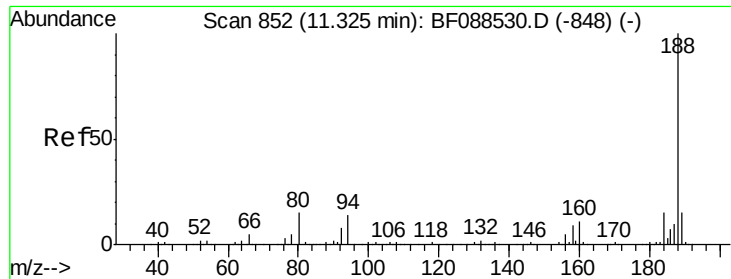
171 36.5 28.6 43.0

170 24.3 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

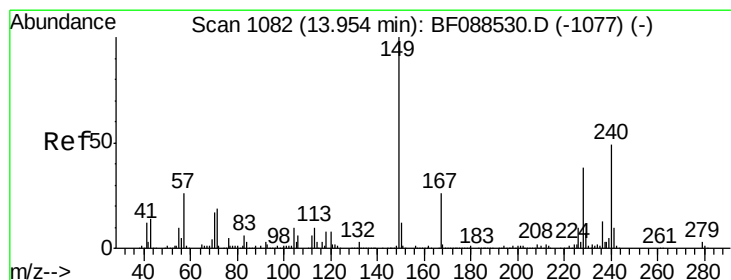
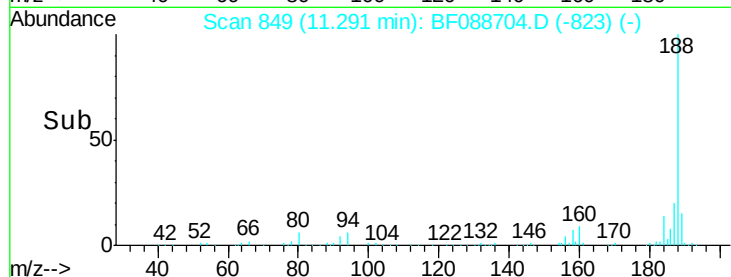
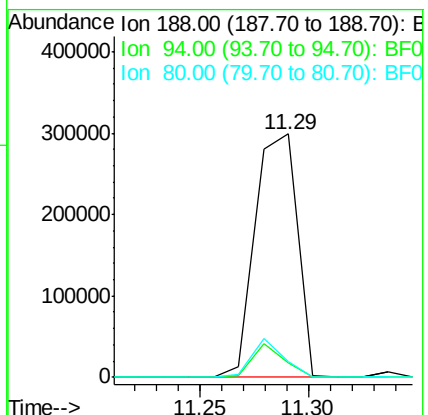
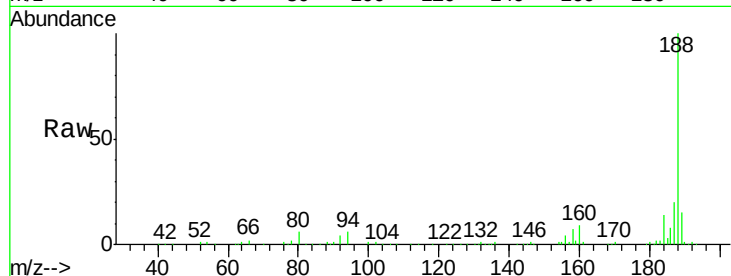




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF088704.D
Acq: 5 Jul 2016 15:45

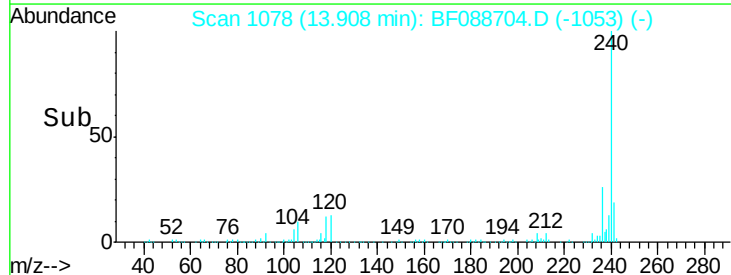
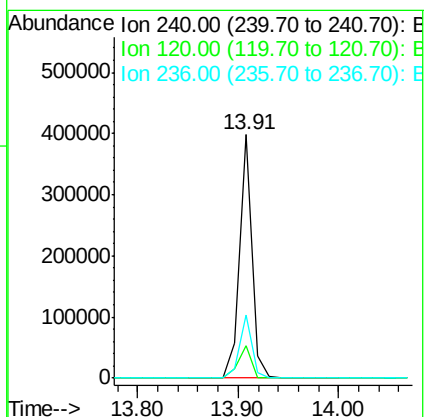
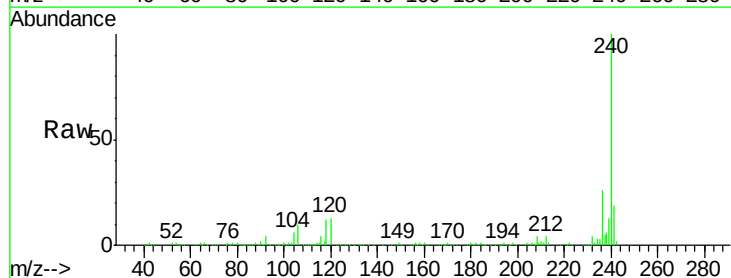
Instrument :
BNA_F
ClientSampleId :
FB-062716

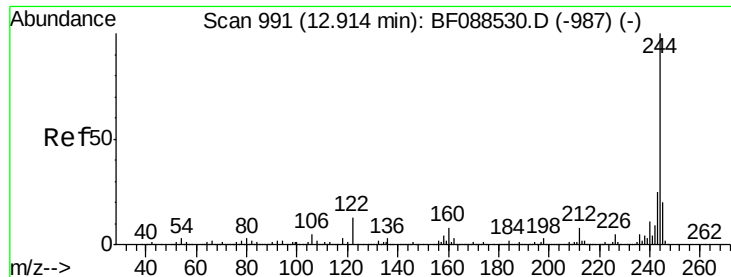
Tot Ion:188 Resp: 407646
Ion Ratio Lower Upper
188 100
94 5.9 9.0 13.6#
80 6.4 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF088704.D
Acq: 5 Jul 2016 15:45

Tgt Ion:240 Resp: 340929
Ion Ratio Lower Upper
240 100
120 13.2 6.8 10.2#
236 26.2 20.2 30.2





#78

Terphenyl-d14

Concen: 80.44 ng

RT: 12.88 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF088704.D

Acq: 5 Jul 2016 15:45

Instrument :

BNA_F

ClientSampled :

FB-062716

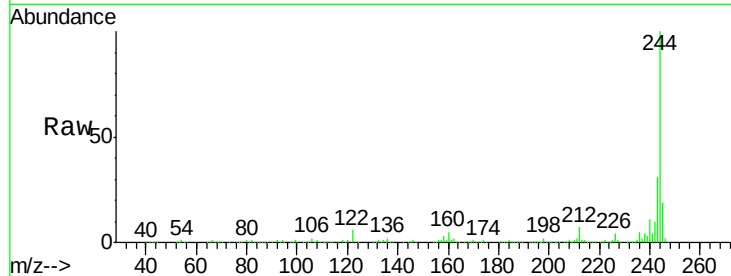
Tot Ion:244 Resp: 1231212

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

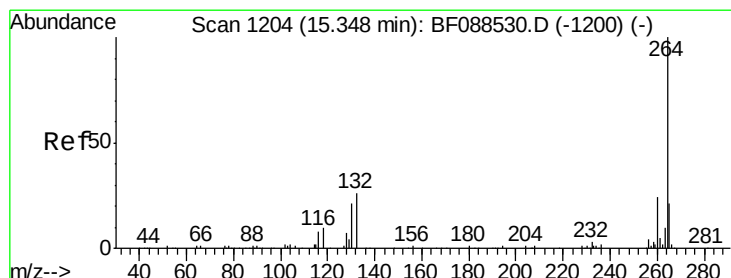
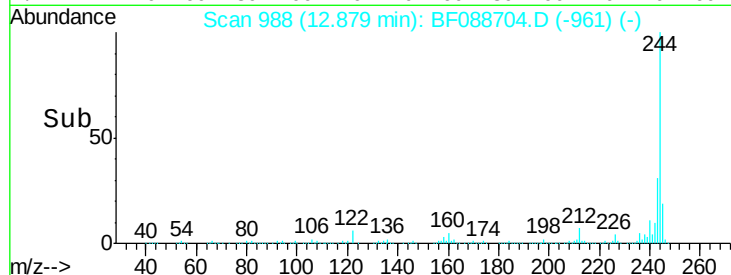
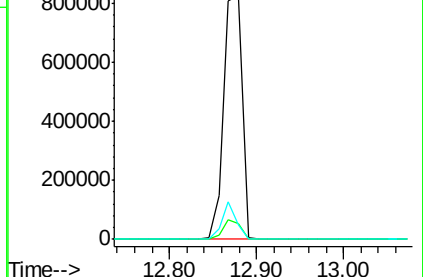
122 5.8 11.2 16.8#



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: 15.30 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF088704.D

Acq: 5 Jul 2016 15:45

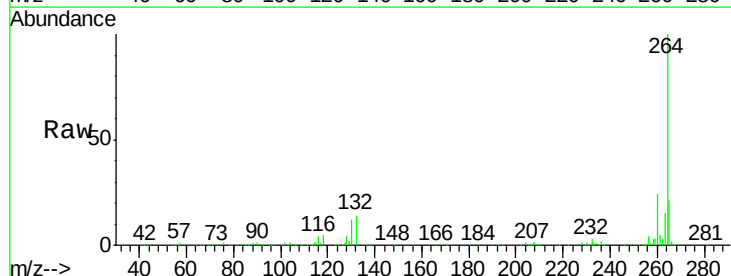
Tgt Ion:264 Resp: 283323

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.3 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

