

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
 Data File : BF088796.D
 Acq On : 7 Jul 2016 23:36
 Operator : UM/SJ
 Sample : H3889-03 20X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-3

Quant Time: Jul 08 03:26:31 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 01:56:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	87890	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	306414	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	131183	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	229795	20.00	ng	0.00
75) Chrysene-d12	13.89	240	185283	20.00	ng	0.00
86) Perylene-d12	15.27	264	145675	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	34353	5.86	ng	-0.01
7) Phenol-d6	6.36	99	48335	6.38	ng	-0.02
23) Nitrobenzene-d5	7.30	82	28644	4.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	7357	6.04	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	52380	6.31	ng	0.00
78) Terphenyl-d14	12.83	244	38905	4.68	ng	-0.01

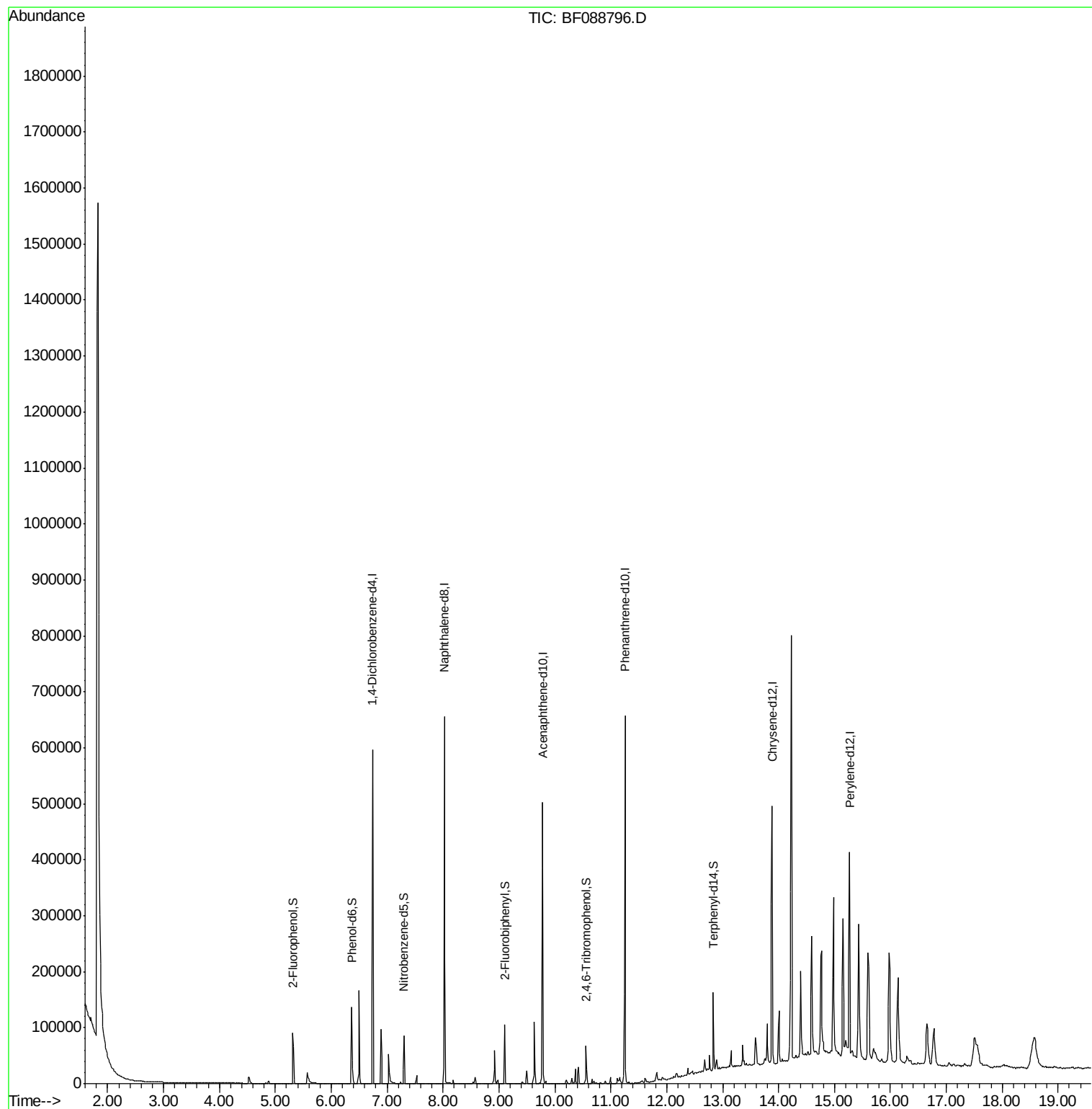
Target Compounds Qvalue

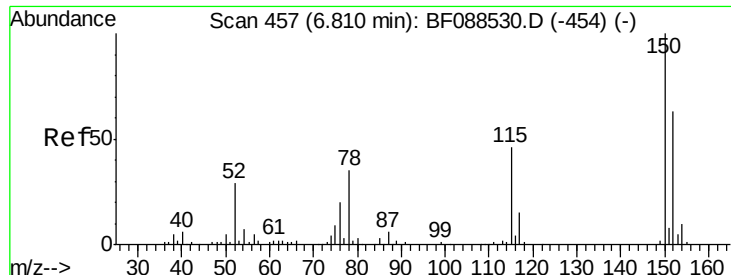
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF088796.D

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Instrument :

BNA_F

ClientSampleId :

SS-3

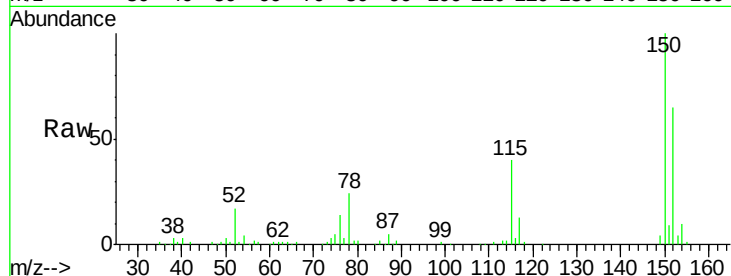
Tot Ion:152 Resp: 87890

Ion Ratio Lower Upper

152 100

150 153.3 123.8 185.6

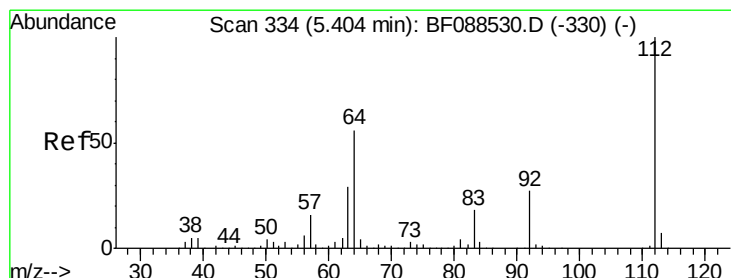
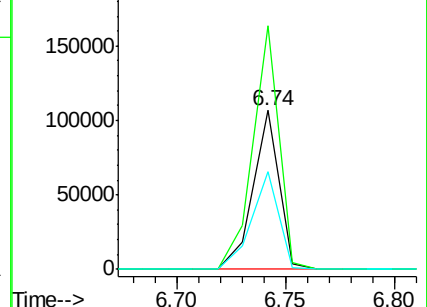
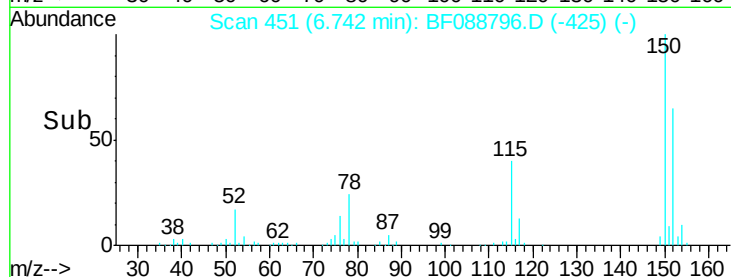
115 61.2 39.6 59.4#



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: 5.86 ng

RT: 5.31 min Scan# 326

Delta R.T. -0.01 min

Lab File: BF088796.D

Acq: 7 Jul 2016 23:36

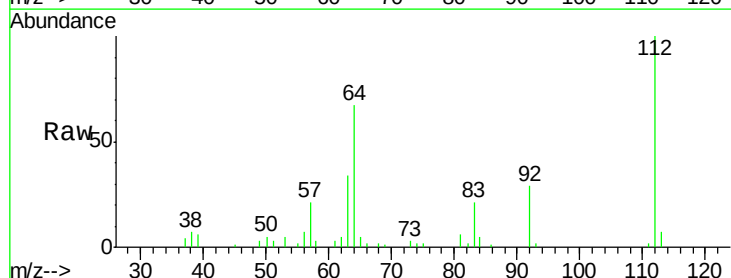
Tgt Ion:112 Resp: 34353

Ion Ratio Lower Upper

112 100

64 67.0 42.2 63.2#

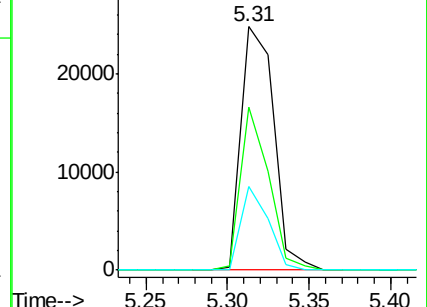
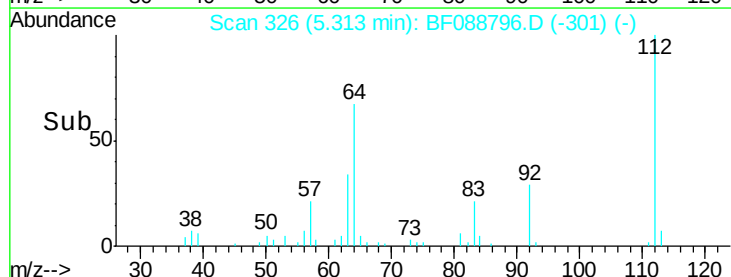
63 34.2 21.8 32.8#

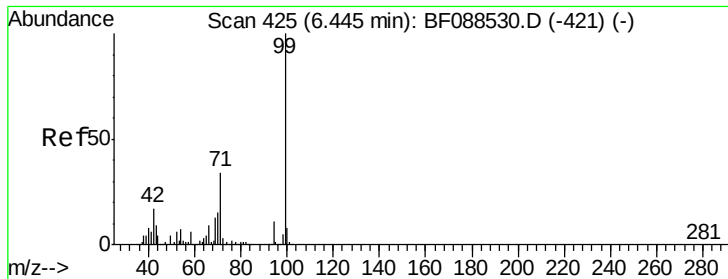


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 6.38 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF088796.D

Acq: 7 Jul 2016 23:36

Instrument :

BNA_F

ClientSampleId :

SS-3

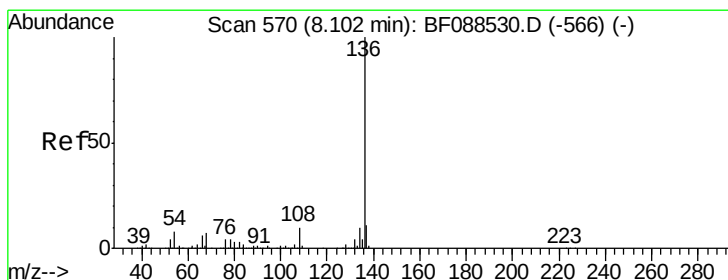
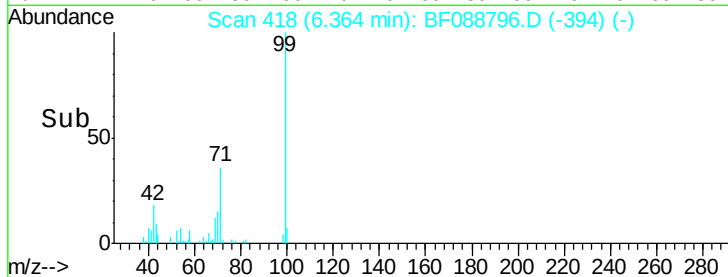
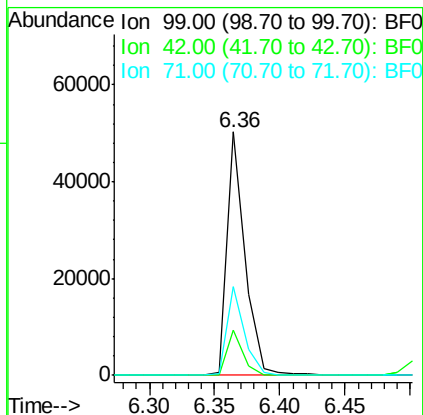
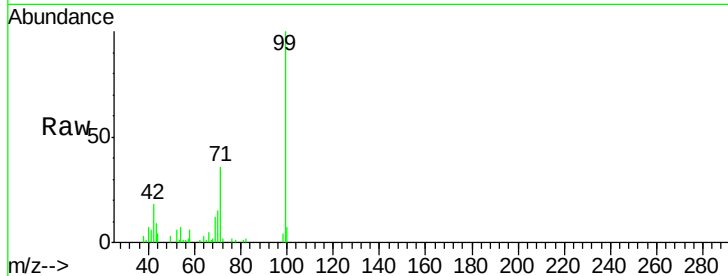
Tot Ion: 99 Resp: 48335

Ion Ratio Lower Upper

99 100

42 18.4 12.2 18.2#

71 36.3 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: BF088796.D

Acq: 7 Jul 2016 23:36

Tgt Ion: 136 Resp: 306414

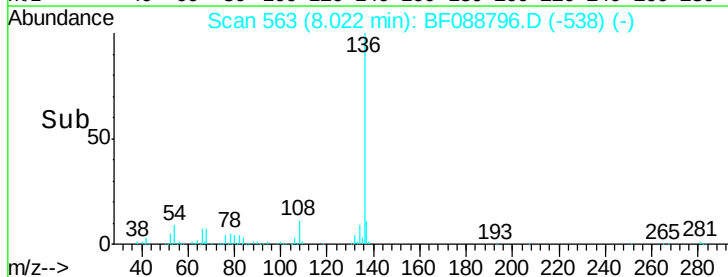
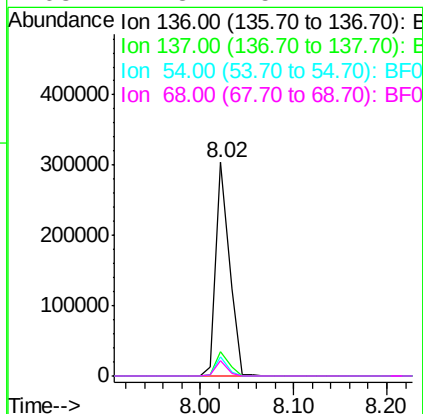
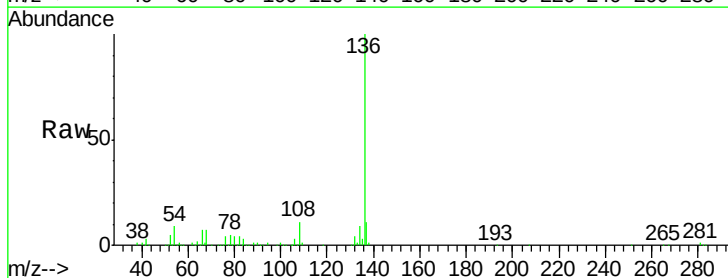
Ion Ratio Lower Upper

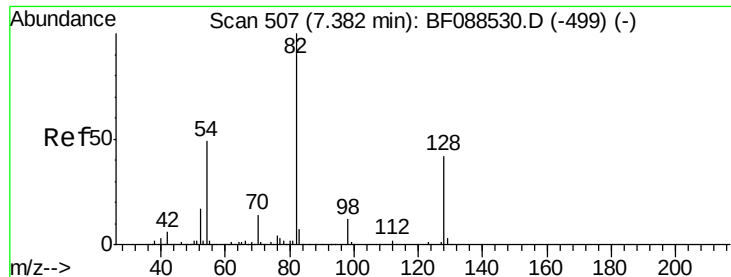
136 100

137 11.2 9.1 13.7

54 9.0 6.6 10.0

68 7.3 5.1 7.7

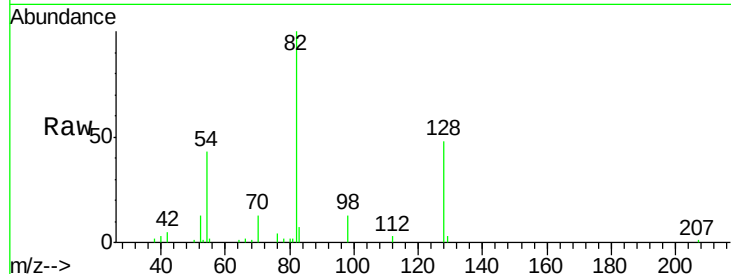




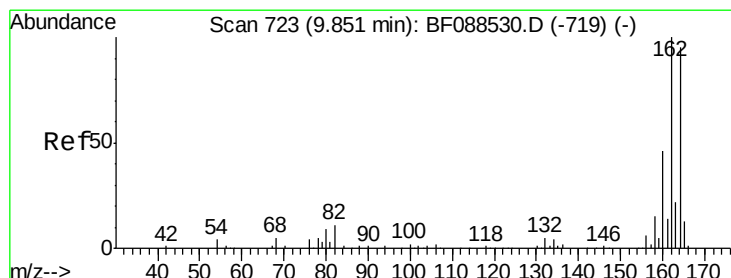
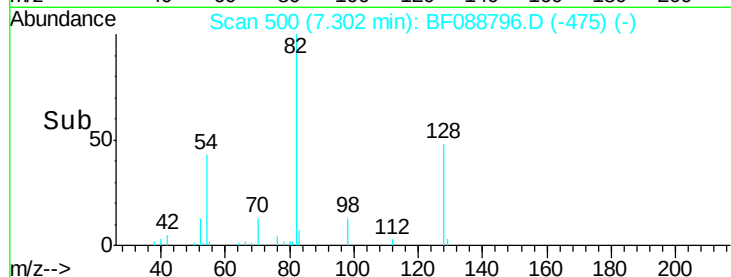
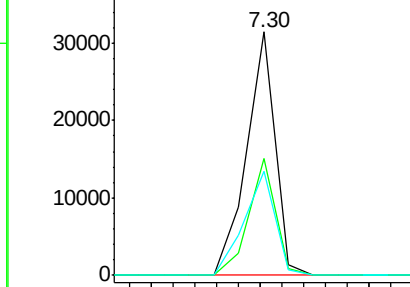
#23
 Nitrobenzene-d5
 Concen: 4.90 ng
 RT: 7.30 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF088796.D
 Acq: 7 Jul 2016 23:36

Instrument :
 BNA_F
 ClientSampleId :
 SS-3

Tot Ion	82	Resp	28644
Ion Ratio	Lower	Upper	
82	100		
128	47.8	35.9	53.9
54	42.6	40.9	61.3

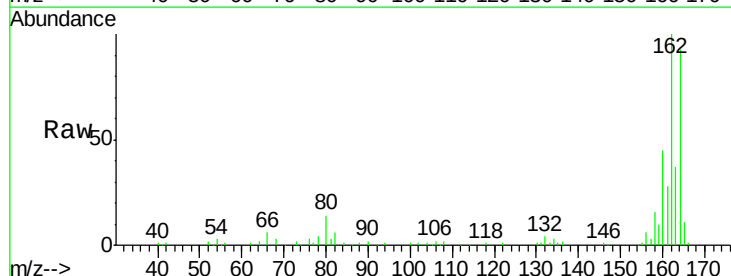


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

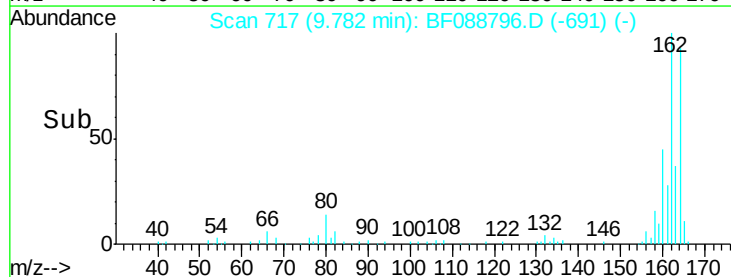
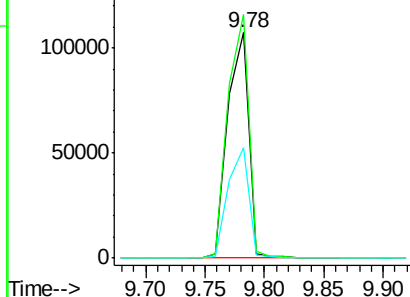


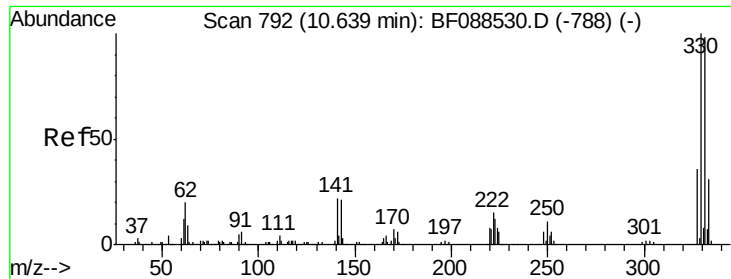
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF088796.D
 Acq: 7 Jul 2016 23:36

Tgt Ion	164	Resp	131183
Ion Ratio	Lower	Upper	
164	100		
162	108.0	85.4	128.2
160	49.0	39.5	59.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

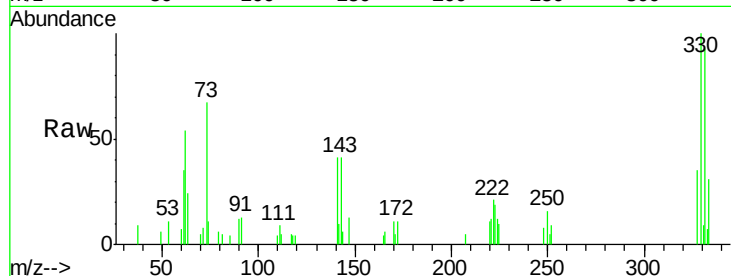




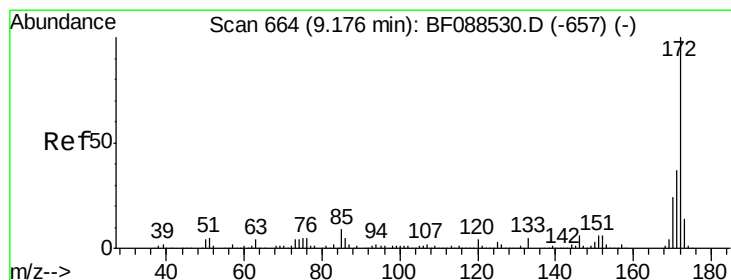
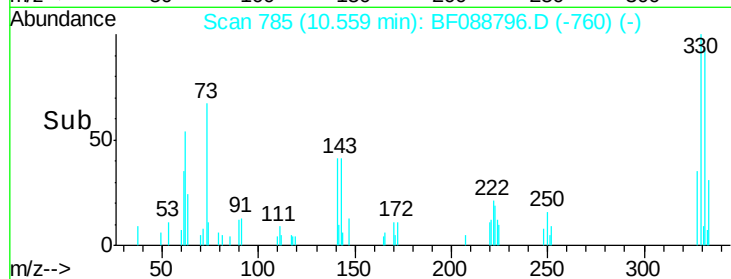
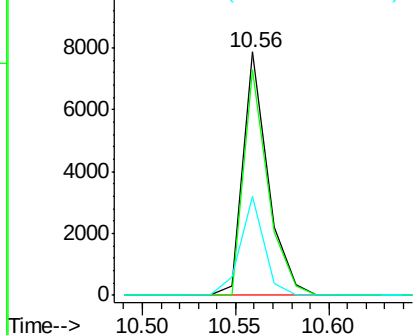
#41
 2,4,6-Tribromophenol
 Concen: 6.04 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF088796.D
 Acq: 7 Jul 2016 23:36

Instrument :
 BNA_F
 ClientSampled :
 SS-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	89.9	0.0	0.0#
141	38.6	0.0	0.0#

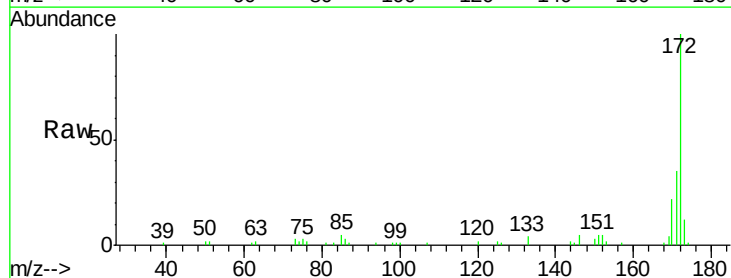


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

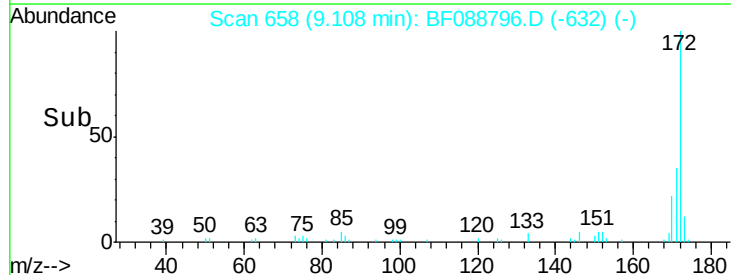
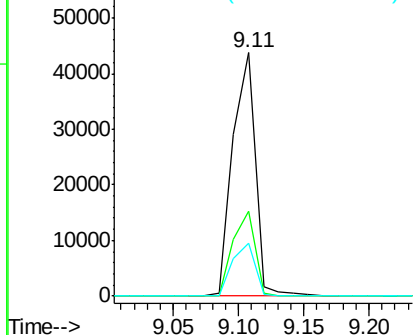


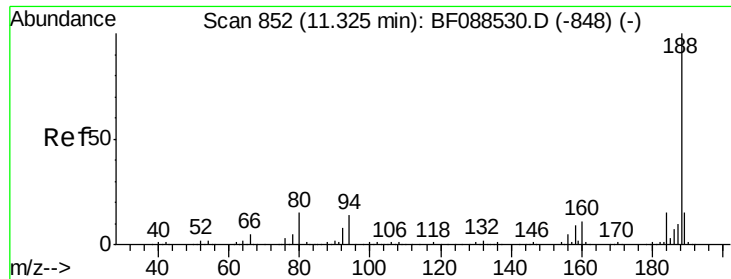
#44
 2-Fluorobiphenyl
 Concen: 6.31 ng
 RT: 9.11 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF088796.D
 Acq: 7 Jul 2016 23:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	21.6	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

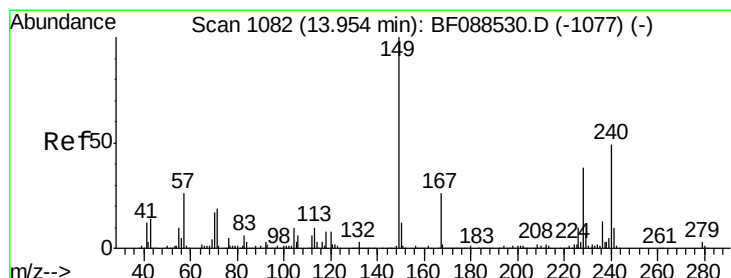
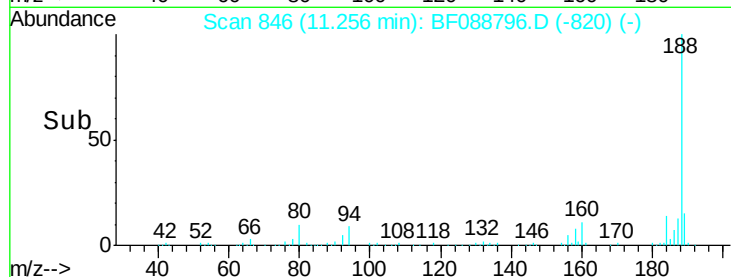
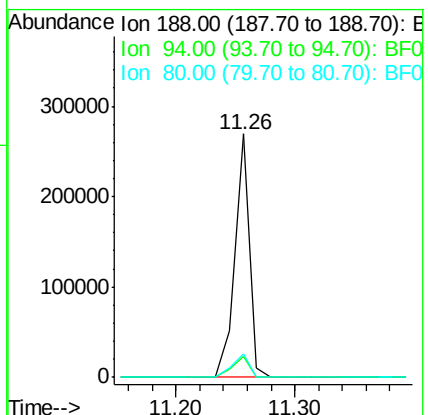
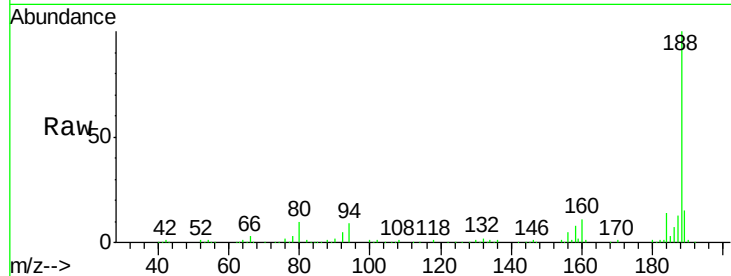




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF088796.D
Acq: 7 Jul 2016 23:36

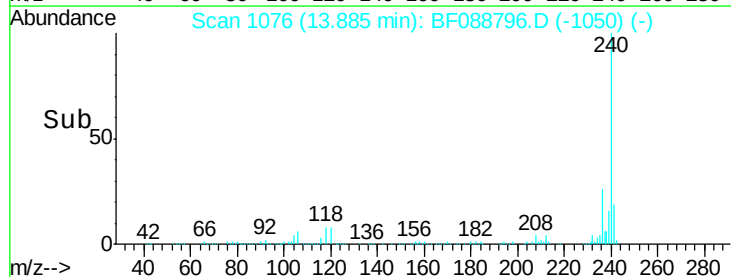
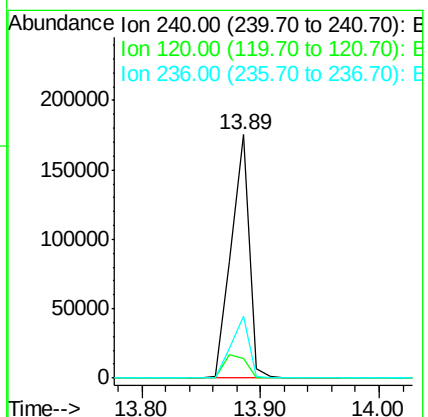
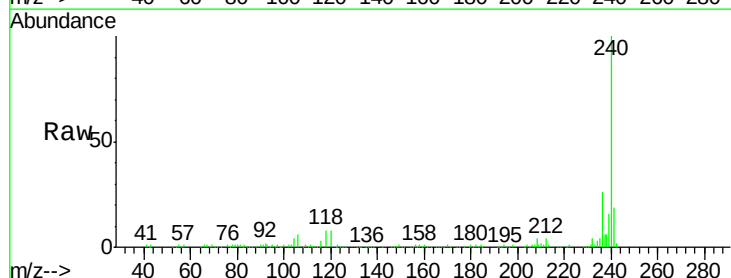
Instrument :
BNA_F
ClientSampleId :
SS-3

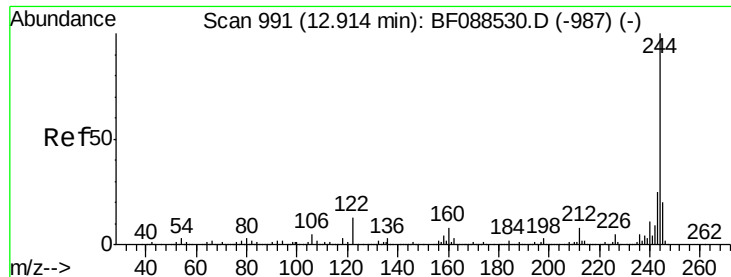
Tot Ion:188 Resp: 229795
Ion Ratio Lower Upper
188 100
94 8.6 9.0 13.6#
80 9.5 10.0 15.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. 0.00 min
Lab File: BF088796.D
Acq: 7 Jul 2016 23:36

Tgt Ion:240 Resp: 185283
Ion Ratio Lower Upper
240 100
120 8.3 6.8 10.2
236 25.5 20.2 30.2

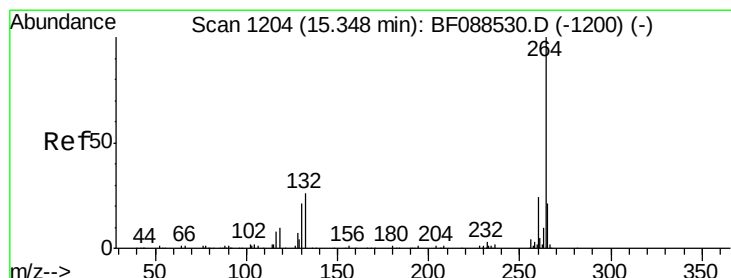
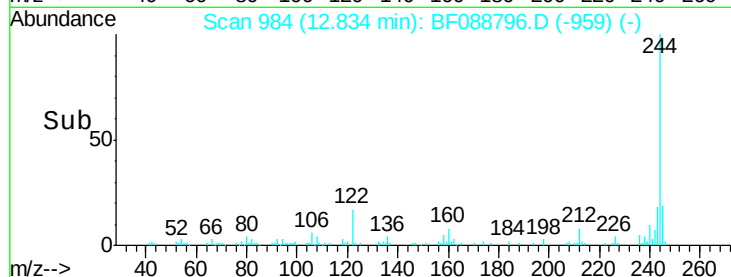
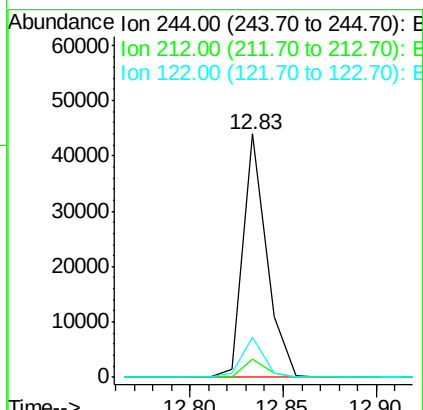
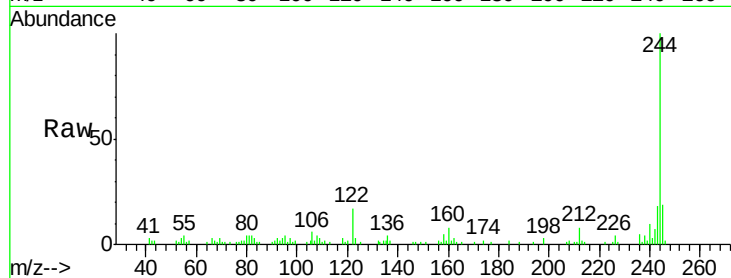




#78
 Terphenyl-d14
 Concen: 4.68 ng
 RT: 12.83 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF088796.D
 Acq: 7 Jul 2016 23:36

Instrument :
 BNA_F
 ClientSampleId :
 SS-3

Tot Ion:244 Resp: 38905
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 16.7 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF088796.D
 Acq: 7 Jul 2016 23:36

Tgt Ion:264 Resp: 145675
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.5 16.9 25.3

