

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
 Data File : BF088044.D
 Acq On : 15 Jun 2016 20:08
 Operator : UM/SJ
 Sample : H3609-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 181-03-NE-06142016

Quant Time: Jun 16 03:31:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 03:20:46 2016
 Response via : Initial Calibration

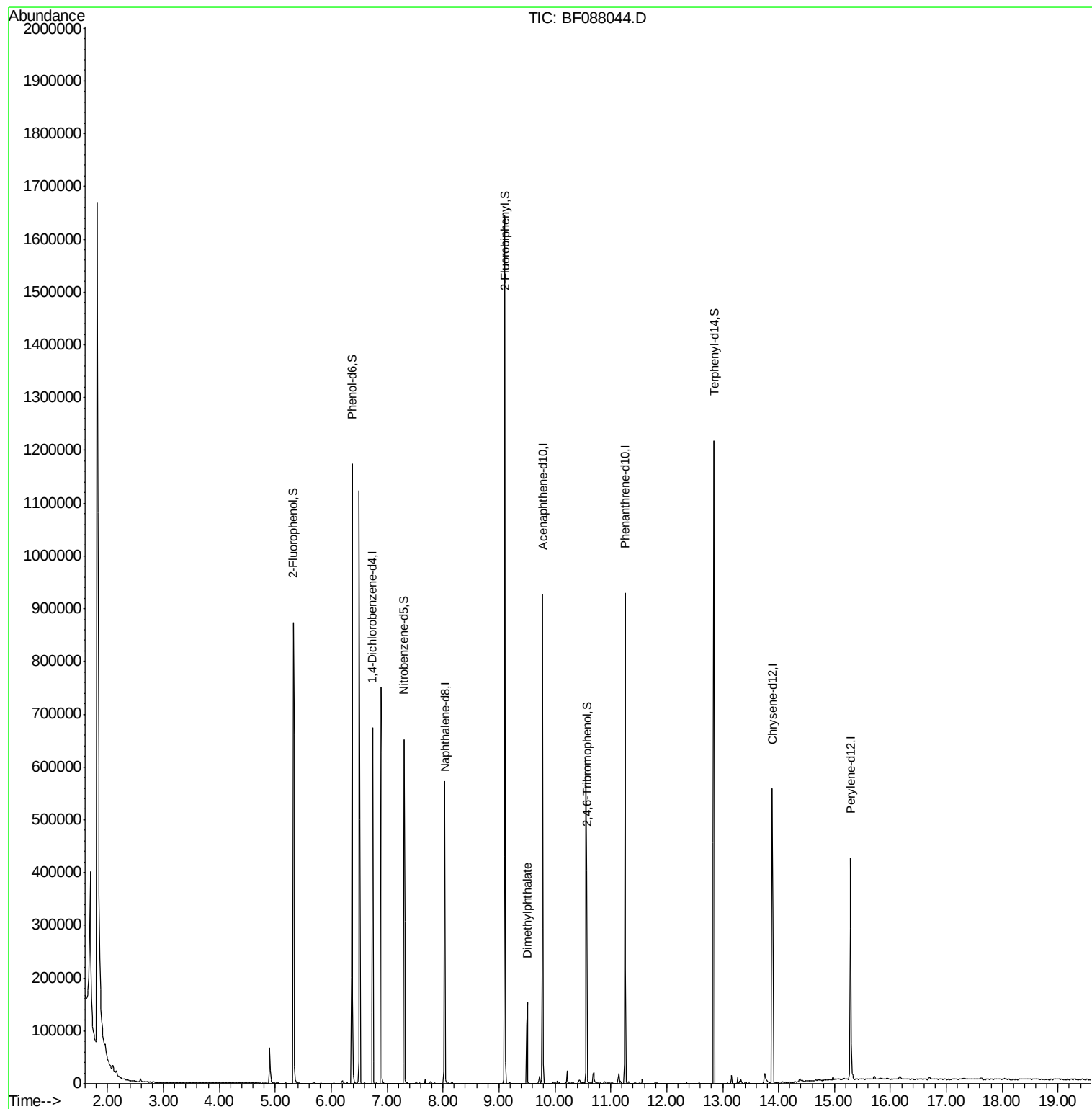
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	104585	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	400882	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	190205	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	326267	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	226037	20.00	ng	-0.01
86) Perylene-d12	15.29	264	200655	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	349856	57.19	ng	0.00
7) Phenol-d6	6.38	99	409835	55.28	ng	-0.01
23) Nitrobenzene-d5	7.30	82	245556	35.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	94325	46.97	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	513303	39.43	ng	-0.01
78) Terphenyl-d14	12.85	244	401101	40.38	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.51	163	92535	6.72	ng	Qvalue 98

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

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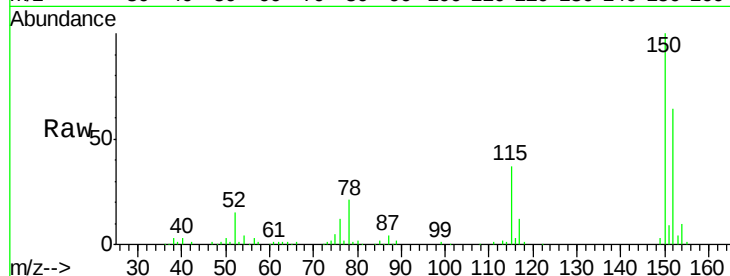


#1

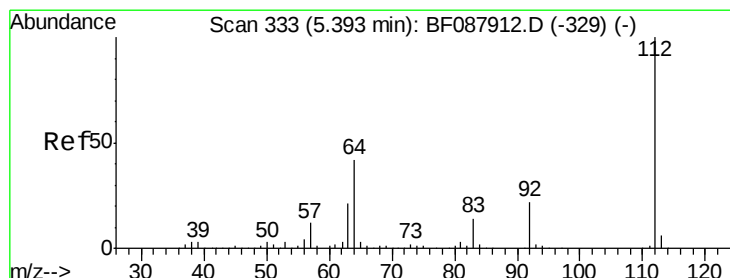
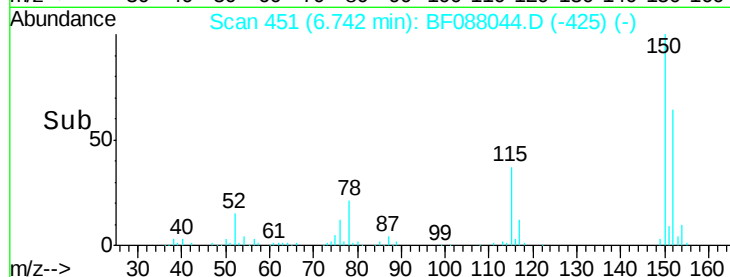
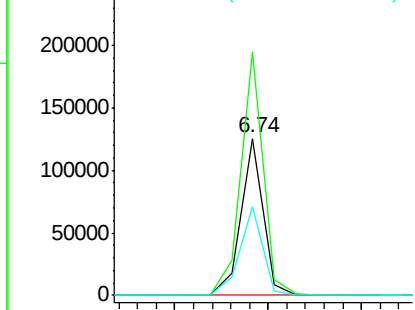
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF088044.D
Acq: 15 Jun 2016 20:08

Instrument :
BNA_F
ClientSampleId :
181-03-NE-06142016

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.8	185.6
115	57.0	39.6	59.4



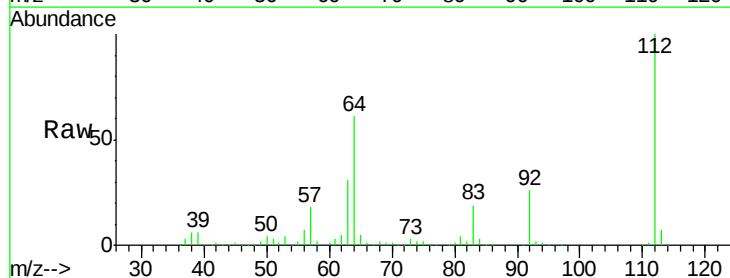
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



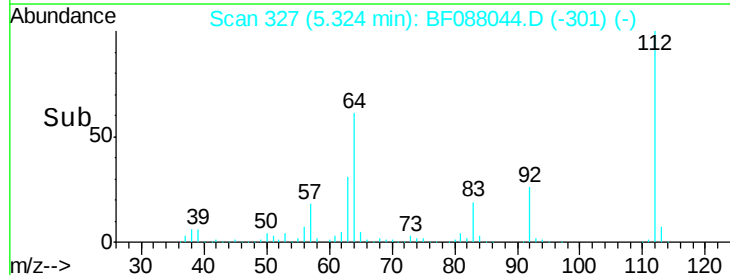
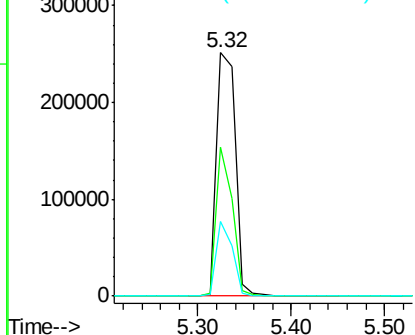
#5

2-Fluorophenol
Concen: 57.19 ng
RT: 5.32 min Scan# 327
Delta R.T. 0.00 min
Lab File: BF088044.D
Acq: 15 Jun 2016 20:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	42.2	63.2
63	30.8	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: 55.28 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF088044.D

Acq: 15 Jun 2016 20:08

Instrument :

BNA_F

ClientSampleId :

181-03-NE-06142016

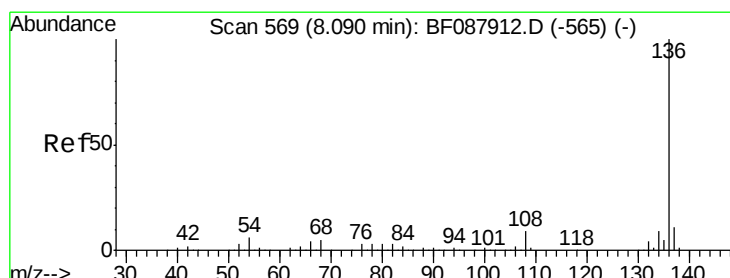
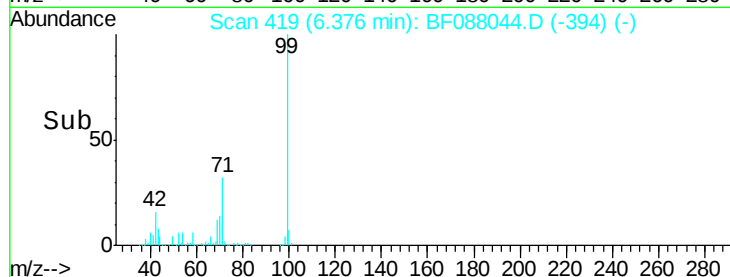
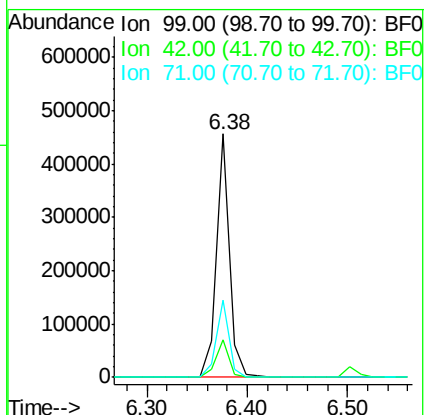
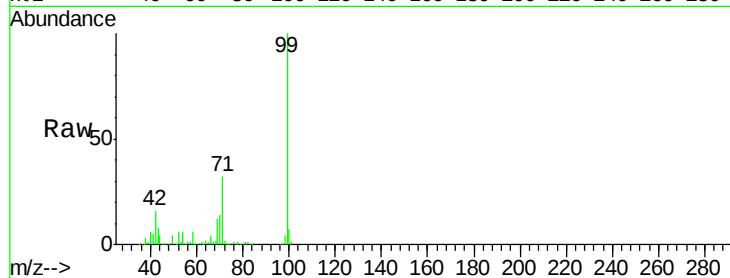
Tot Ion: 99 Resp: 409835

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

71 31.5 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF088044.D

Acq: 15 Jun 2016 20:08

Tgt Ion: 136 Resp: 400882

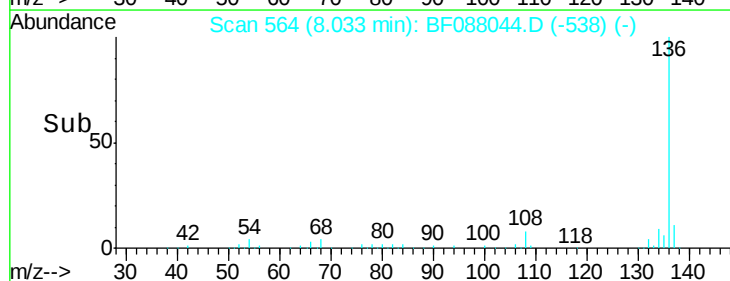
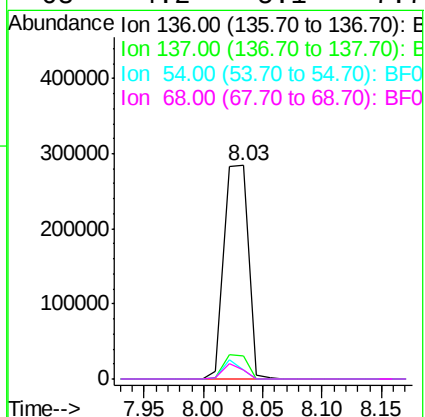
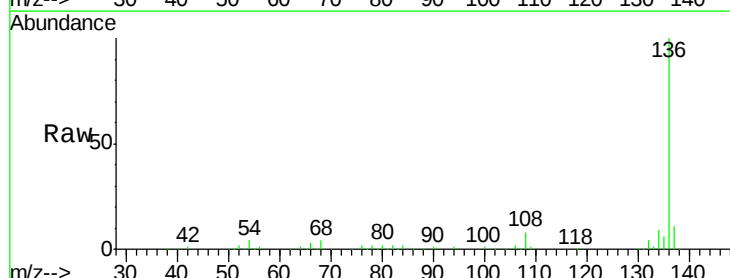
Ion Ratio Lower Upper

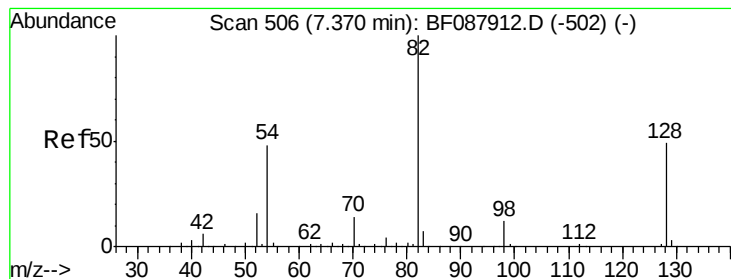
136 100

137 10.5 9.1 13.7

54 4.4 6.6 10.0#

68 4.2 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 35.77 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF088044.D

Acq: 15 Jun 2016 20:08

Instrument :

BNA_F

ClientSampleId :

181-03-NE-06142016

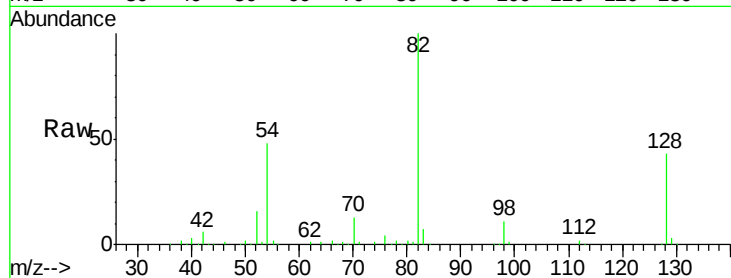
Tot Ion: 82 Resp: 245556

Ion Ratio Lower Upper

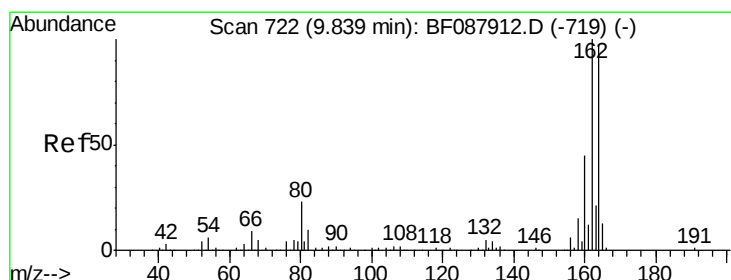
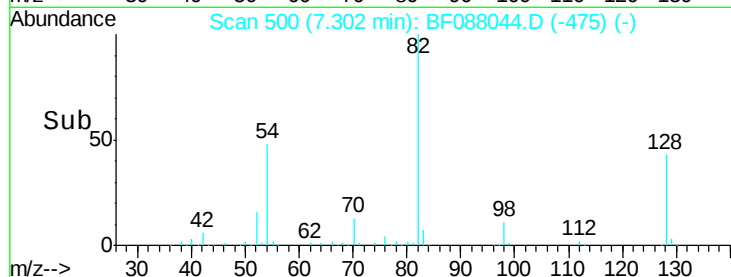
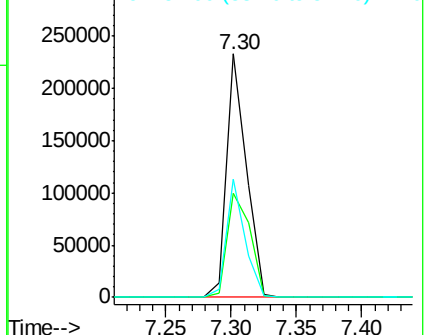
82 100

128 42.8 35.9 53.9

54 48.4 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: BF088044.D

Acq: 15 Jun 2016 20:08

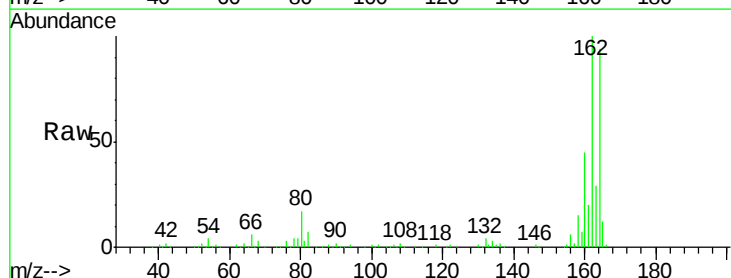
Tgt Ion: 164 Resp: 190205

Ion Ratio Lower Upper

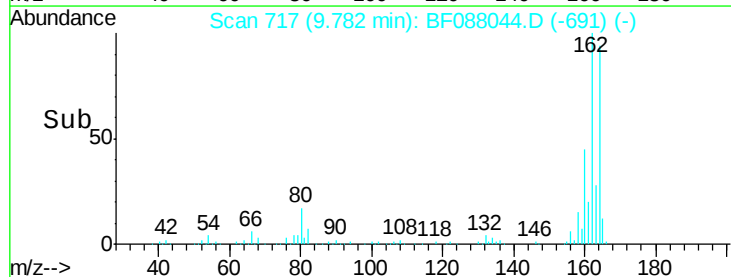
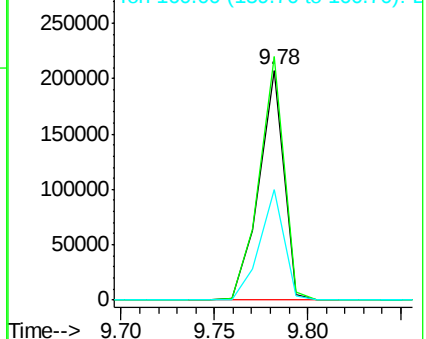
164 100

162 105.9 85.4 128.2

160 47.8 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

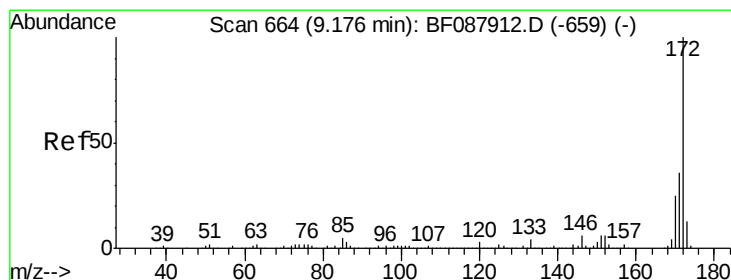
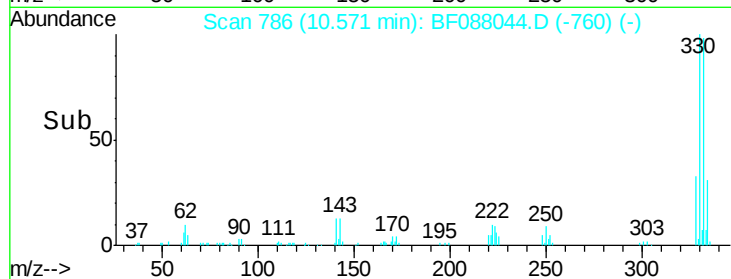
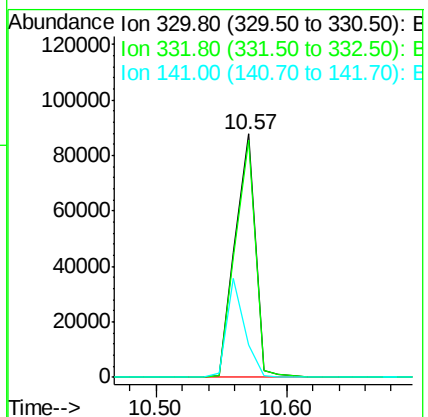
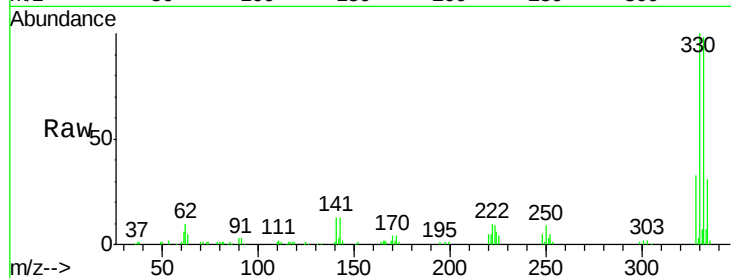




#41
 2,4,6-Tribromophenol
 Concen: 46.97 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF088044.D
 Acq: 15 Jun 2016 20:08

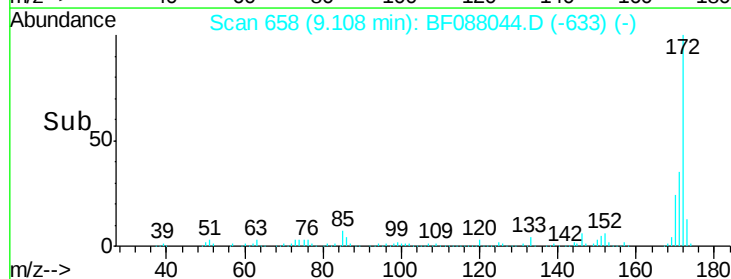
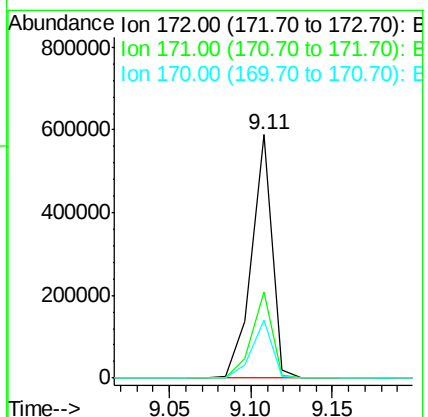
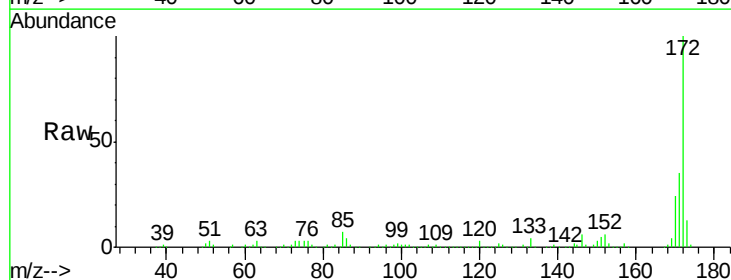
Instrument :
 BNA_F
 ClientSampleId :
 181-03-NE-06142016

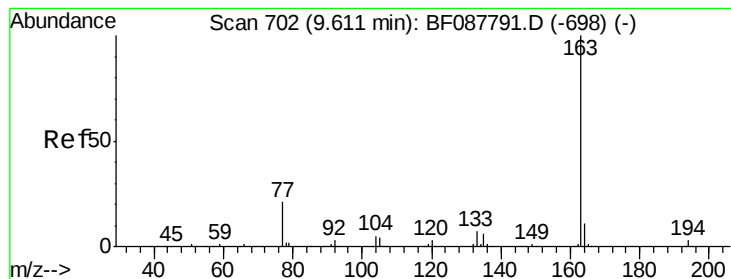
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	35.8	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 39.43 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088044.D
 Acq: 15 Jun 2016 20:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.7	19.2	28.8





#49

Dimethylphthalate

Concen: 6.72 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF088044.D

Acq: 15 Jun 2016 20:08

Instrument :

BNA_F

ClientSampleId :

181-03-NE-06142016

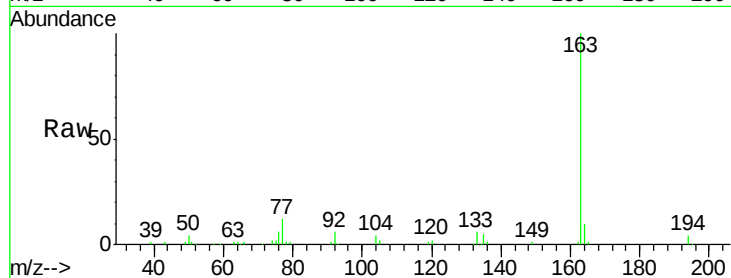
Tot Ion:163 Resp: 92535

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

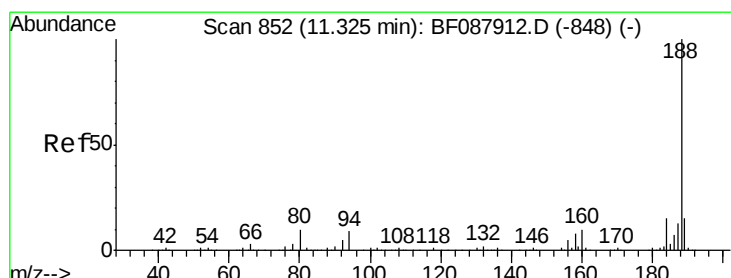
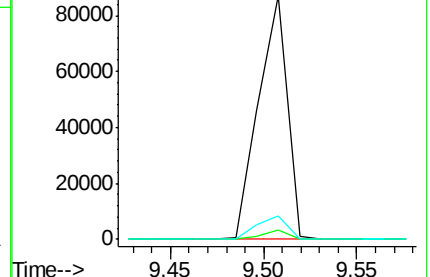
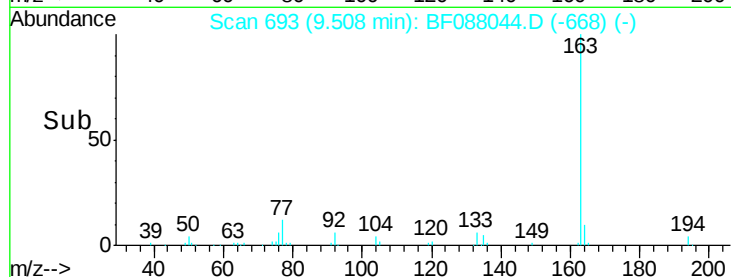
164 9.6 8.3 12.5



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. -0.01 min

Lab File: BF088044.D

Acq: 15 Jun 2016 20:08

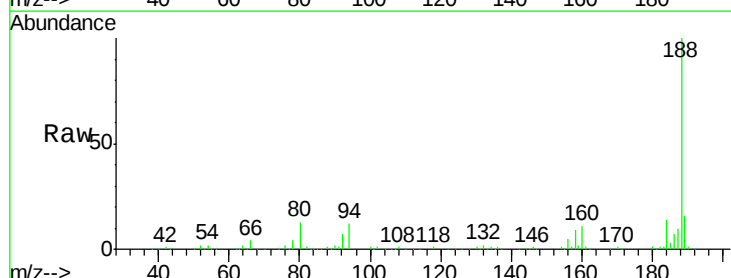
Tgt Ion:188 Resp: 326267

Ion Ratio Lower Upper

188 100

94 12.3 9.0 13.6

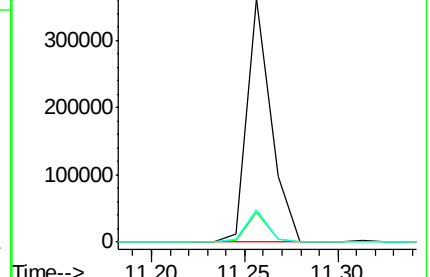
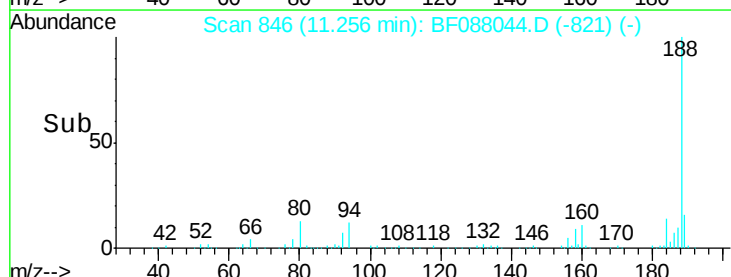
80 13.2 10.0 15.0

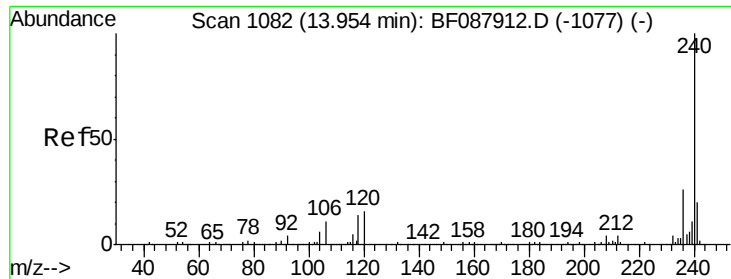


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

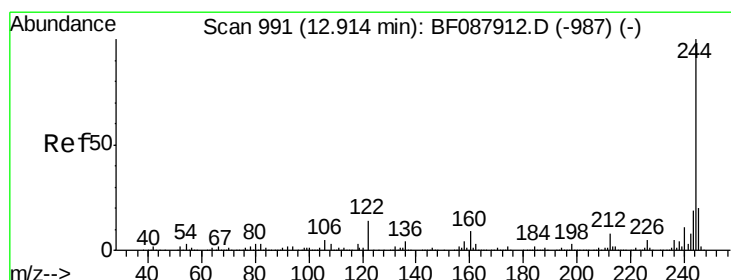
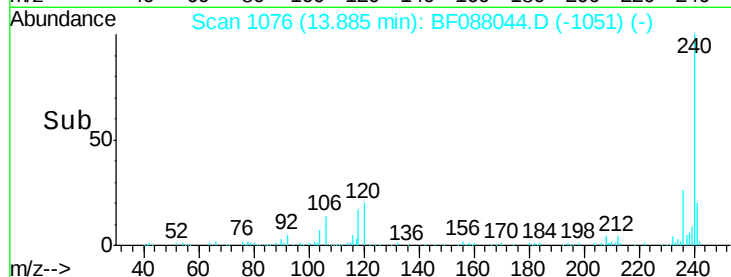
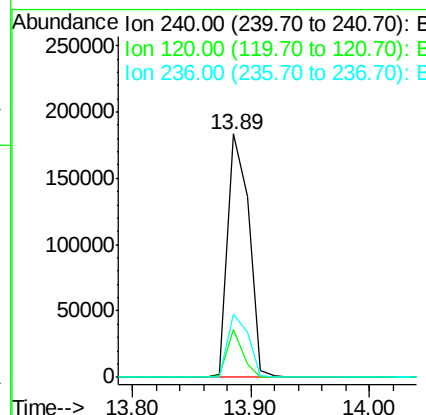
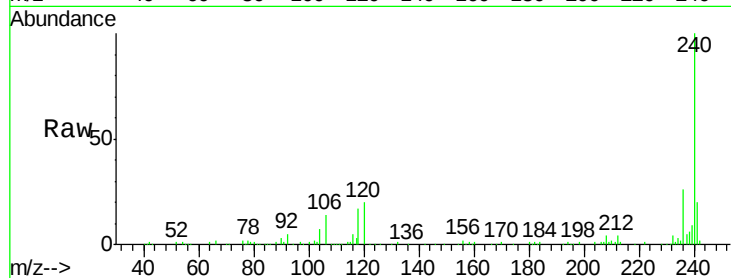




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BF088044.D
Acq: 15 Jun 2016 20:08

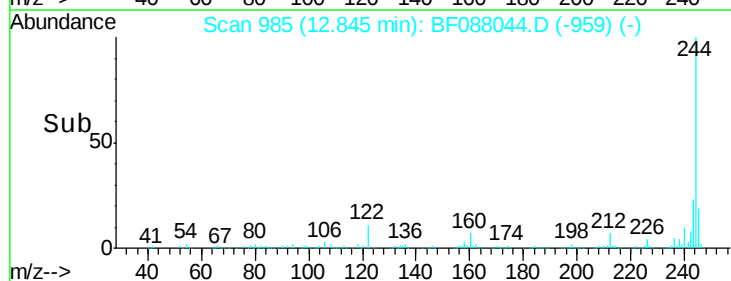
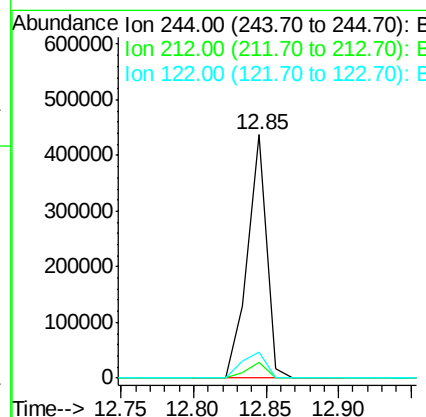
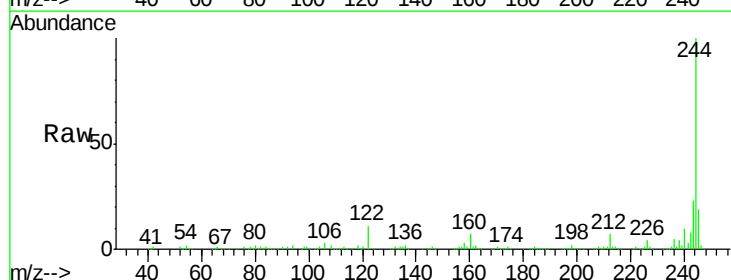
Instrument :
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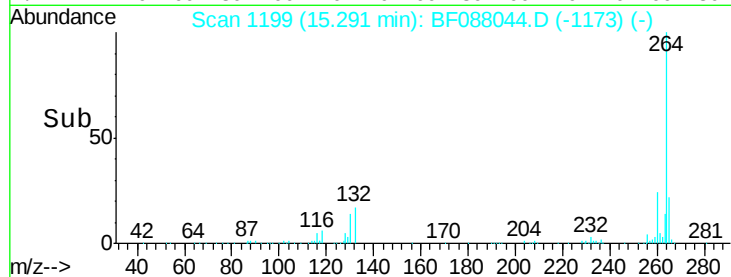
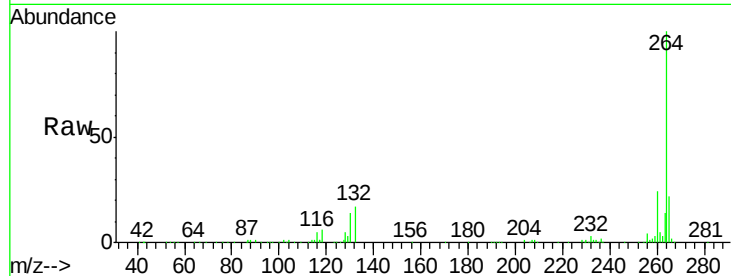
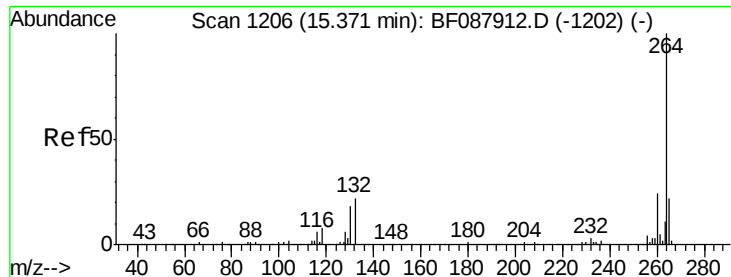
Tot Ion:240 Resp: 226037
Ion Ratio Lower Upper
240 100
120 19.5 6.8 10.2#
236 25.8 20.2 30.2



#78
Terphenyl-d14
Concen: 40.38 ng
RT: 12.85 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF088044.D
Acq: 15 Jun 2016 20:08

Tgt Ion:244 Resp: 401101
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 10.6 11.2 16.8#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF088044.D
 Acq: 15 Jun 2016 20:08

Instrument :
 BNA_F
 ClientSampleId :
 181-03-NE-06142016

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	16.9	25.3

