

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070716\
 Data File : BF088812.D
 Acq On : 8 Jul 2016 7:52
 Operator : UM/SJ
 Sample : H3897-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Quant Time: Jul 08 08:18:07 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 08:10:51 2016
 Response via : Initial Calibration

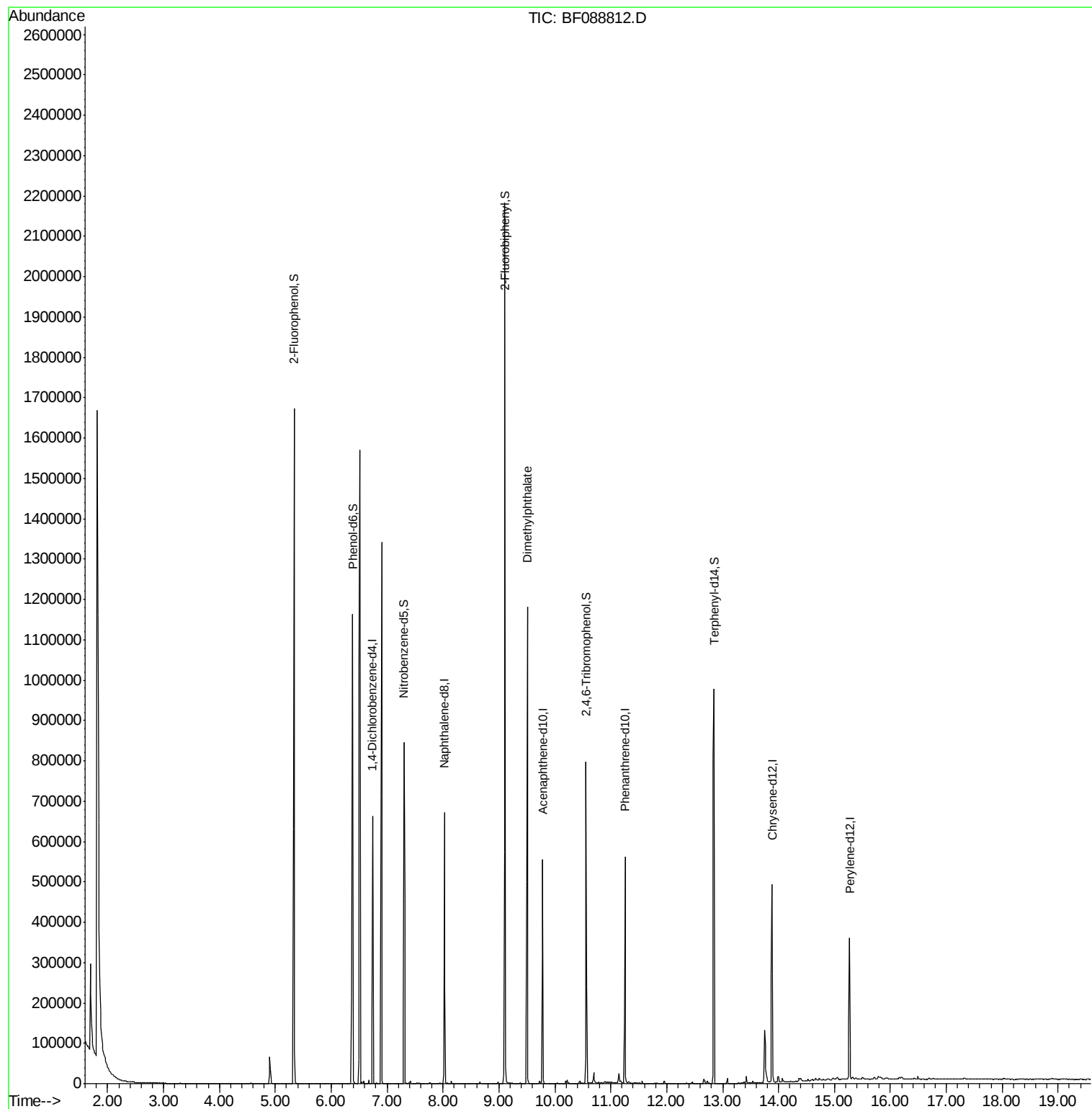
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	92332	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	321754	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	129057	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	200569	20.00	ng	0.00
75) Chrysene-d12	13.89	240	185470	20.00	ng	0.00
86) Perylene-d12	15.27	264	143558	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	465688	75.59	ng	0.01
7) Phenol-d6	6.39	99	665376	83.58	ng	0.00
23) Nitrobenzene-d5	7.30	82	357934	58.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	89251	74.47	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	641542	78.52	ng	0.00
78) Terphenyl-d14	12.85	244	417309	50.12	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.51	163	537060	58.41	ng	99

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

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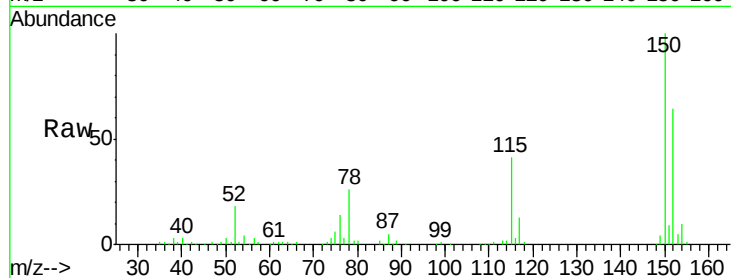


#1

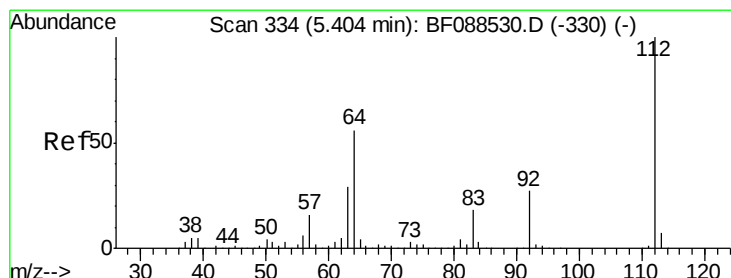
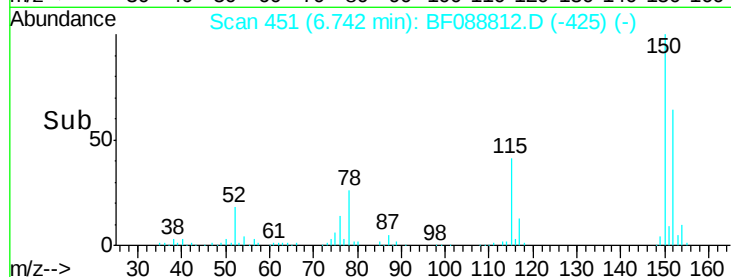
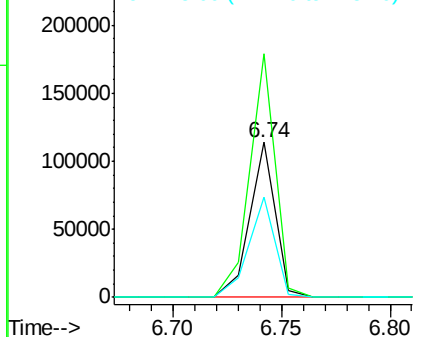
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: BF088812.D
 Acq: 8 Jul 2016 7:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.8	185.6
115	64.7	39.6	59.4



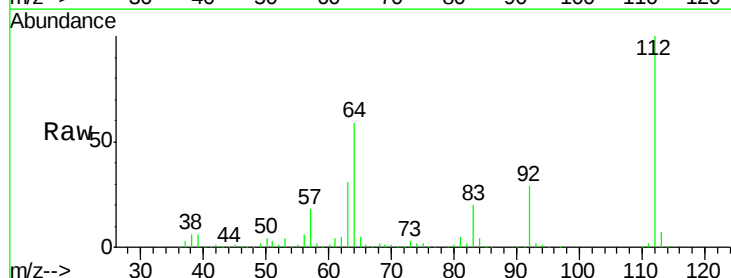
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



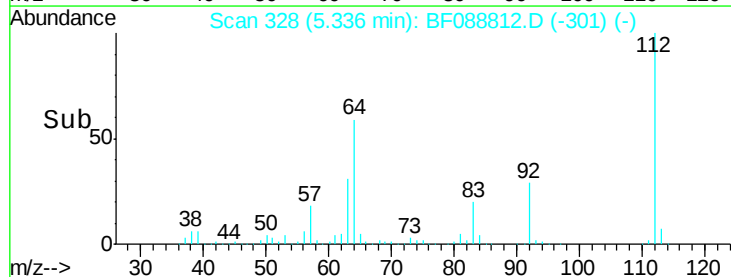
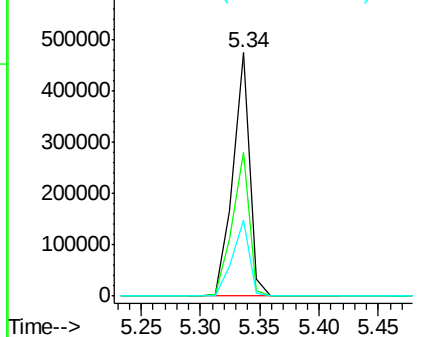
#5

2-Fluorophenol
 Concen: 75.59 ng
 RT: 5.34 min Scan# 328
 Delta R.T. 0.01 min
 Lab File: BF088812.D
 Acq: 8 Jul 2016 7:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	42.2	63.2
63	31.4	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: 83.58 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088812.D

Acq: 8 Jul 2016 7:52

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

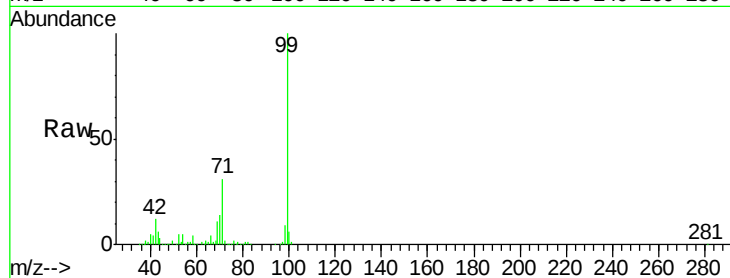
Tot Ion: 99 Resp: 665376

Ion Ratio Lower Upper

99 100

42 11.6 12.2 18.2#

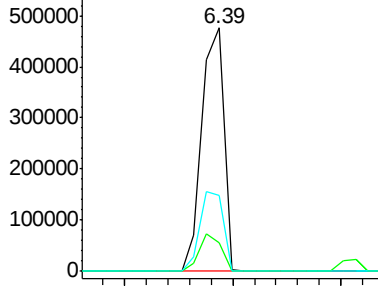
71 31.1 23.4 35.0



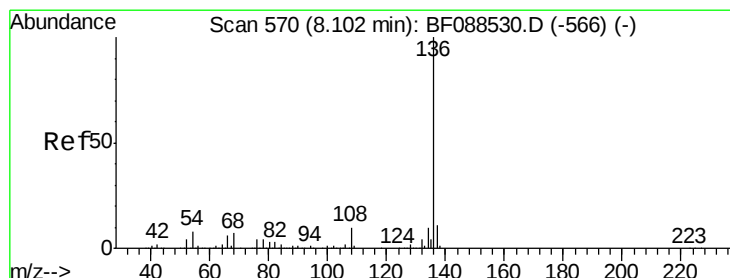
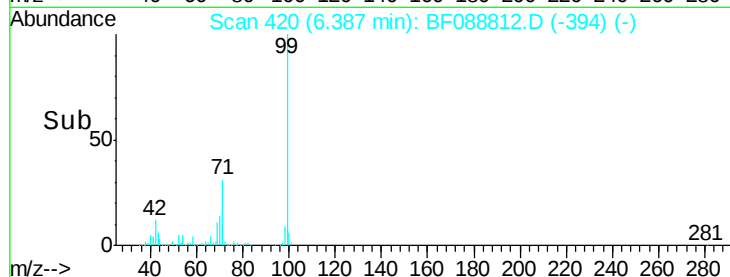
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF088812.D

Acq: 8 Jul 2016 7:52

Tgt Ion: 136 Resp: 321754

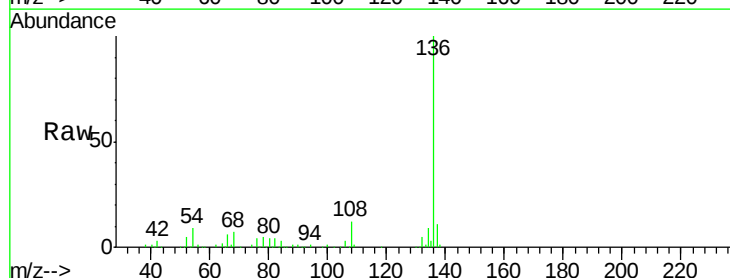
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.0 6.6 10.0

68 7.5 5.1 7.7

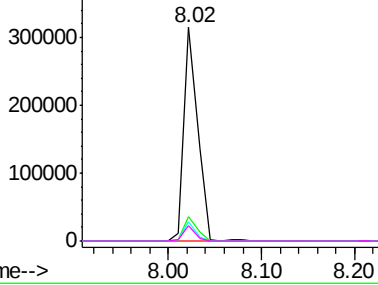


Abundance Ion 136.00 (135.70 to 136.70): E

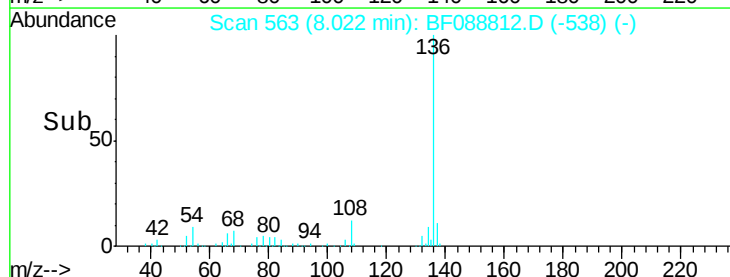
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

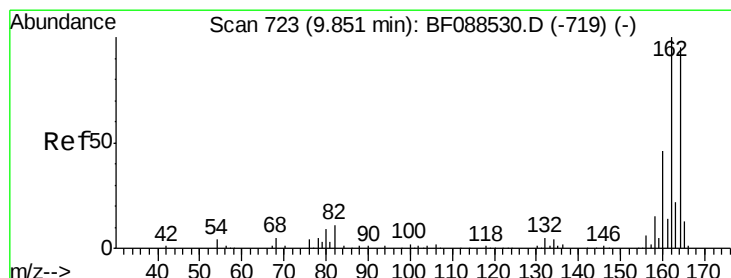
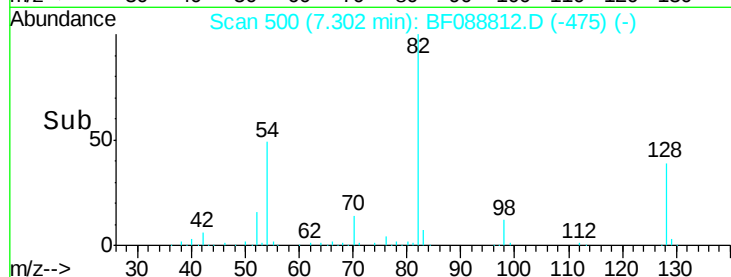
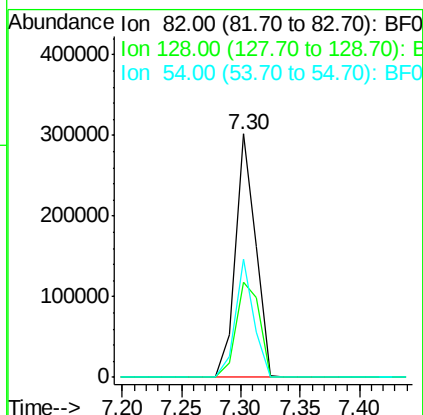
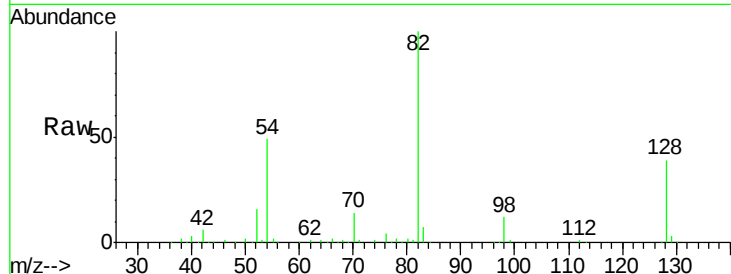




#23
 Nitrobenzene-d5
 Concen: 58.30 ng
 RT: 7.30 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: BF088812.D
 Acq: 8 Jul 2016 7:52

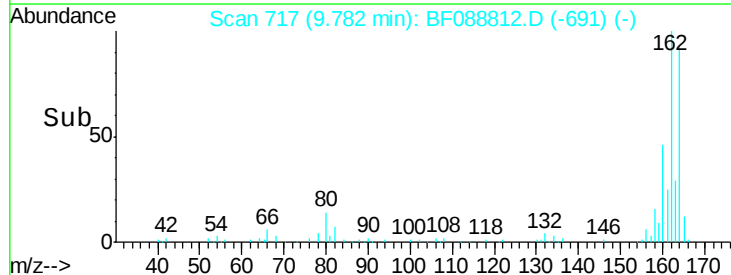
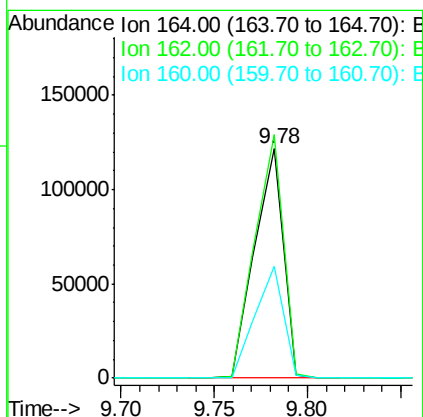
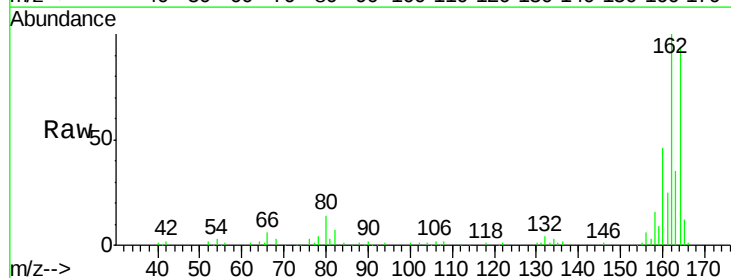
Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Tot Ion	82	Resp	357934
Ion Ratio	Lower	Upper	
82	100		
128	39.0	35.9	53.9
54	48.5	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF088812.D
 Acq: 8 Jul 2016 7:52

Tgt Ion	164	Resp	129057
Ion Ratio	Lower	Upper	
164	100		
162	106.1	85.4	128.2
160	48.7	39.5	59.3

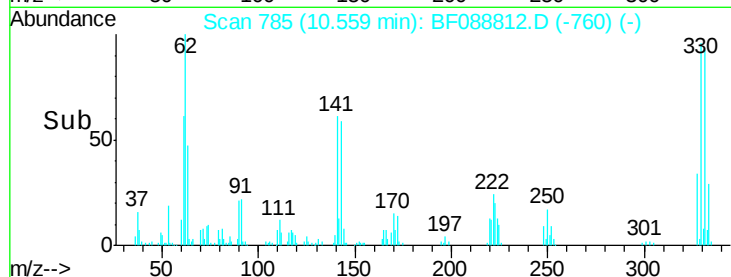
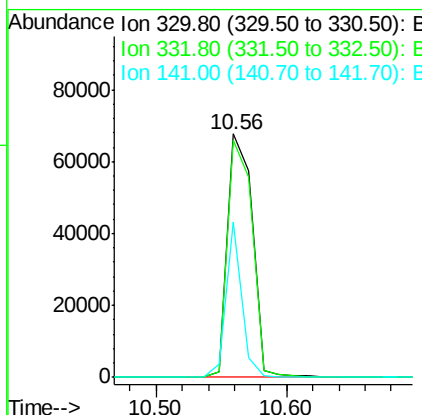
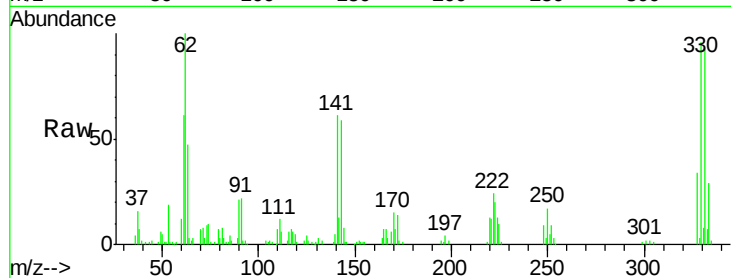




#41
 2,4,6-Tribromophenol
 Concen: 74.47 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF088812.D
 Acq: 8 Jul 2016 7:52

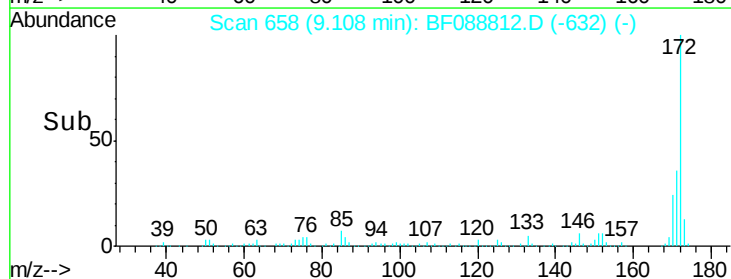
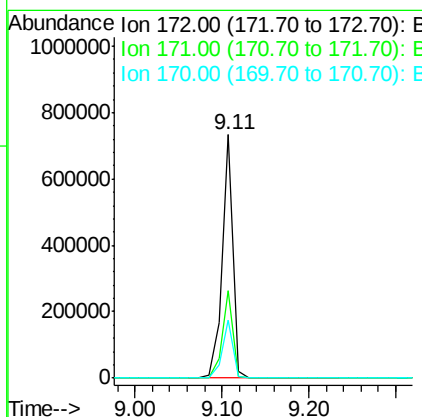
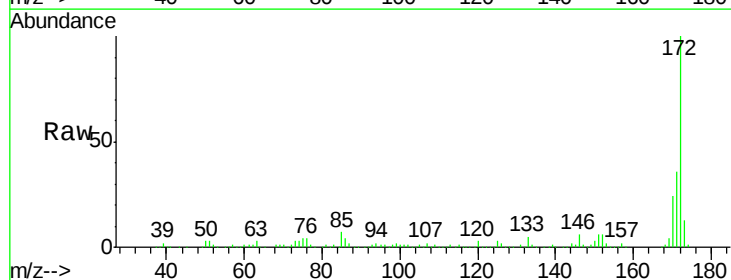
Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

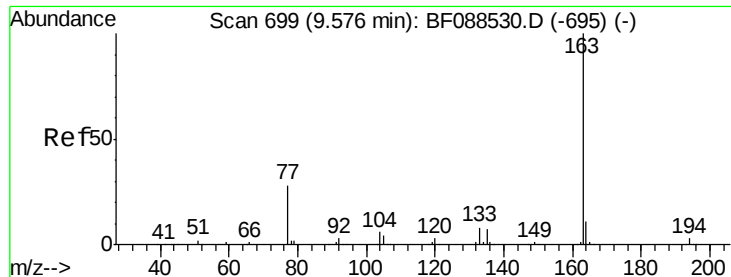
Tot Ion:	330	Resp:	89251
Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	40.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 78.52 ng
 RT: 9.11 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF088812.D
 Acq: 8 Jul 2016 7:52

Tgt Ion:	172	Resp:	641542
Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.9	19.2	28.8

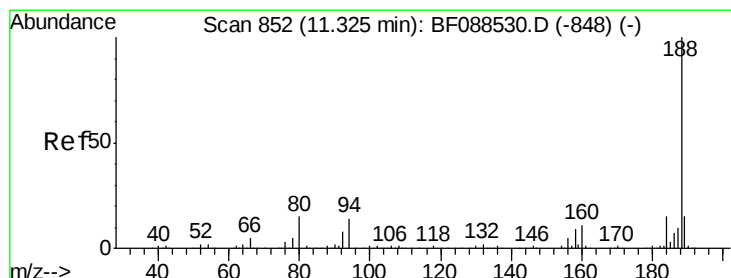
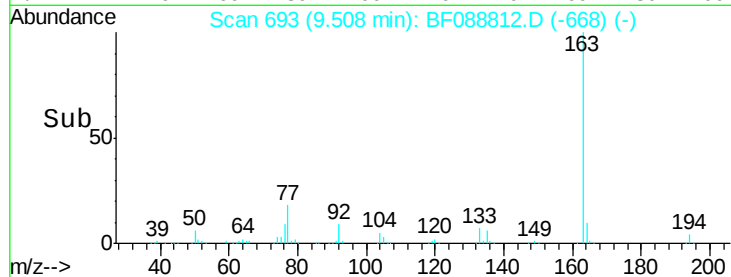
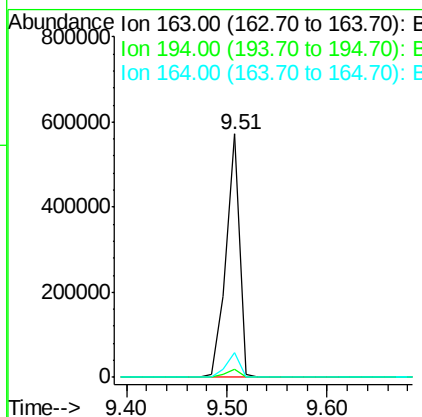
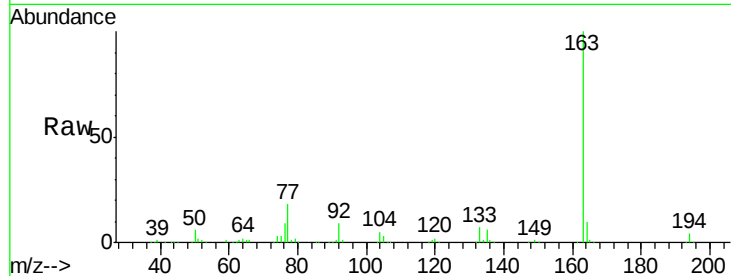




#49
Dimethylphthalate
Concen: 58.41 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF088812.D
Acq: 8 Jul 2016 7:52

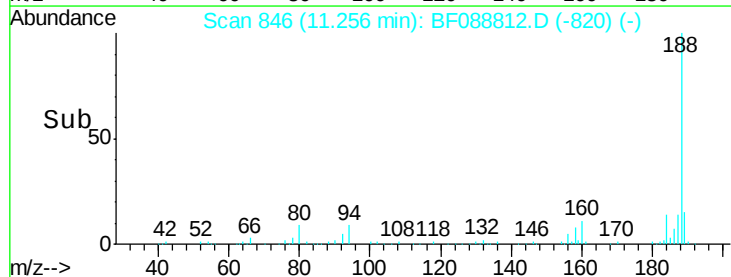
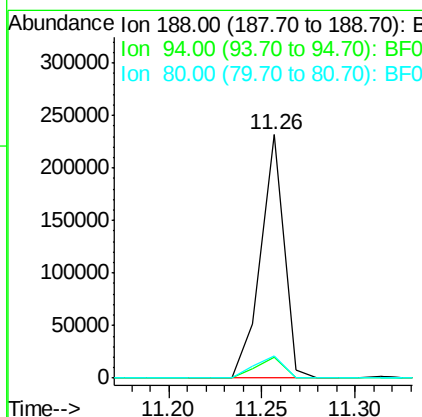
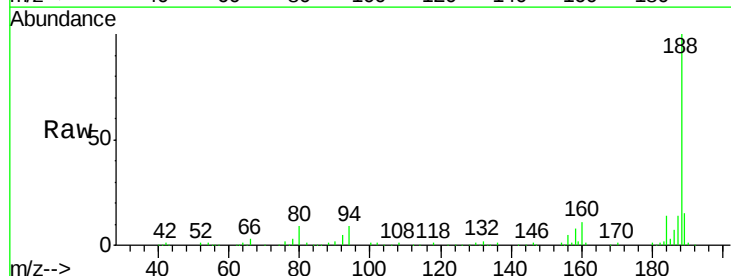
Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tot Ion:163 Resp: 537060
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.9 8.3 12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF088812.D
Acq: 8 Jul 2016 7:52

Tgt Ion:188 Resp: 200569
Ion Ratio Lower Upper
188 100
94 8.7 9.0 13.6#
80 9.3 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: BF088812.D

Acq: 8 Jul 2016 7:52

Instrument :

BNA_F

ClientSampled :

SB-09-COMP

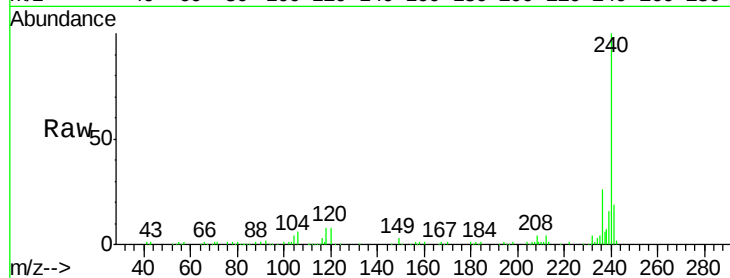
Tot Ion:240 Resp: 185470

Ion Ratio Lower Upper

240 100

120 8.3 6.8 10.2

236 25.7 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

250000

200000

150000

100000

50000

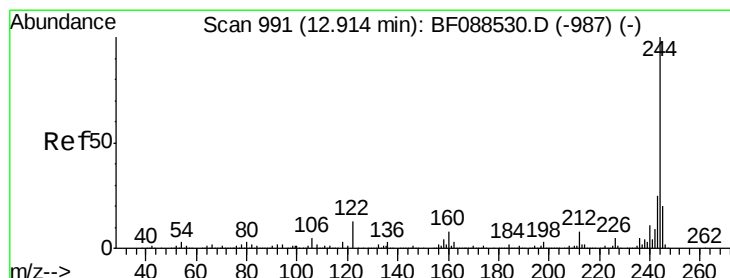
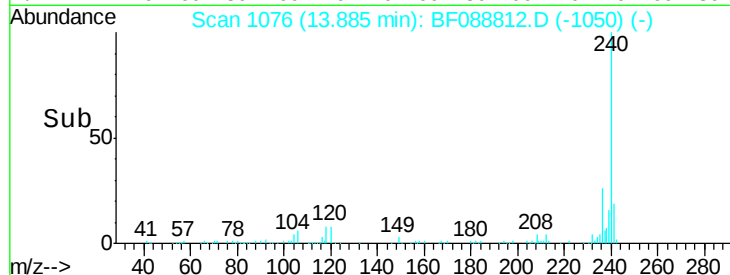
0

13.89

13.80

13.90

Time-->



#78

Terphenyl-d14

Concen: 50.12 ng

RT: 12.85 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF088812.D

Acq: 8 Jul 2016 7:52

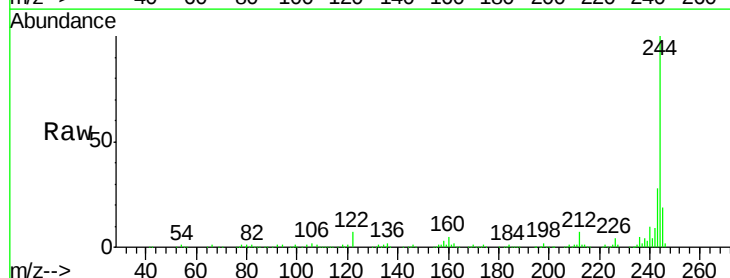
Tgt Ion:244 Resp: 417309

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

122 6.6 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

500000

400000

300000

200000

100000

0

12.85

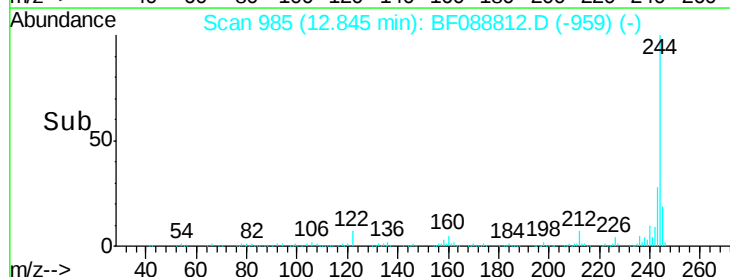
12.75

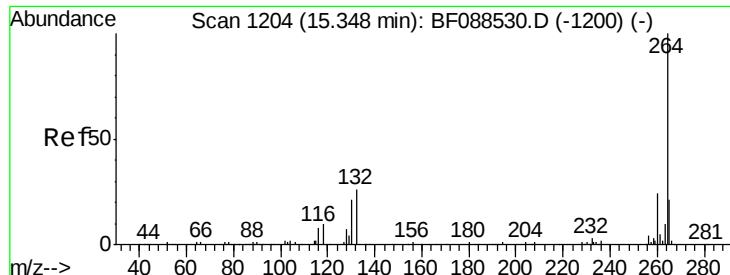
12.80

12.85

12.90

Time-->

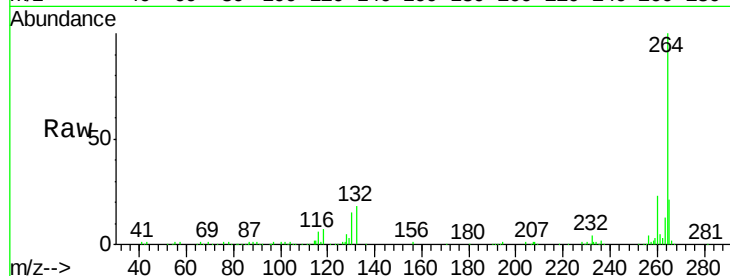




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF088812.D
Acq: 8 Jul 2016 7:52

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tot Ion:264 Resp: 143558
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.2 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

