

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
 Data File : BF085068.D
 Acq On : 13 Feb 2016 5:34
 Operator : SJ/IZ
 Sample : H1396-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B001(20-22)

Quant Time: Feb 13 06:41:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 13 00:11:18 2016
 Response via : Initial Calibration

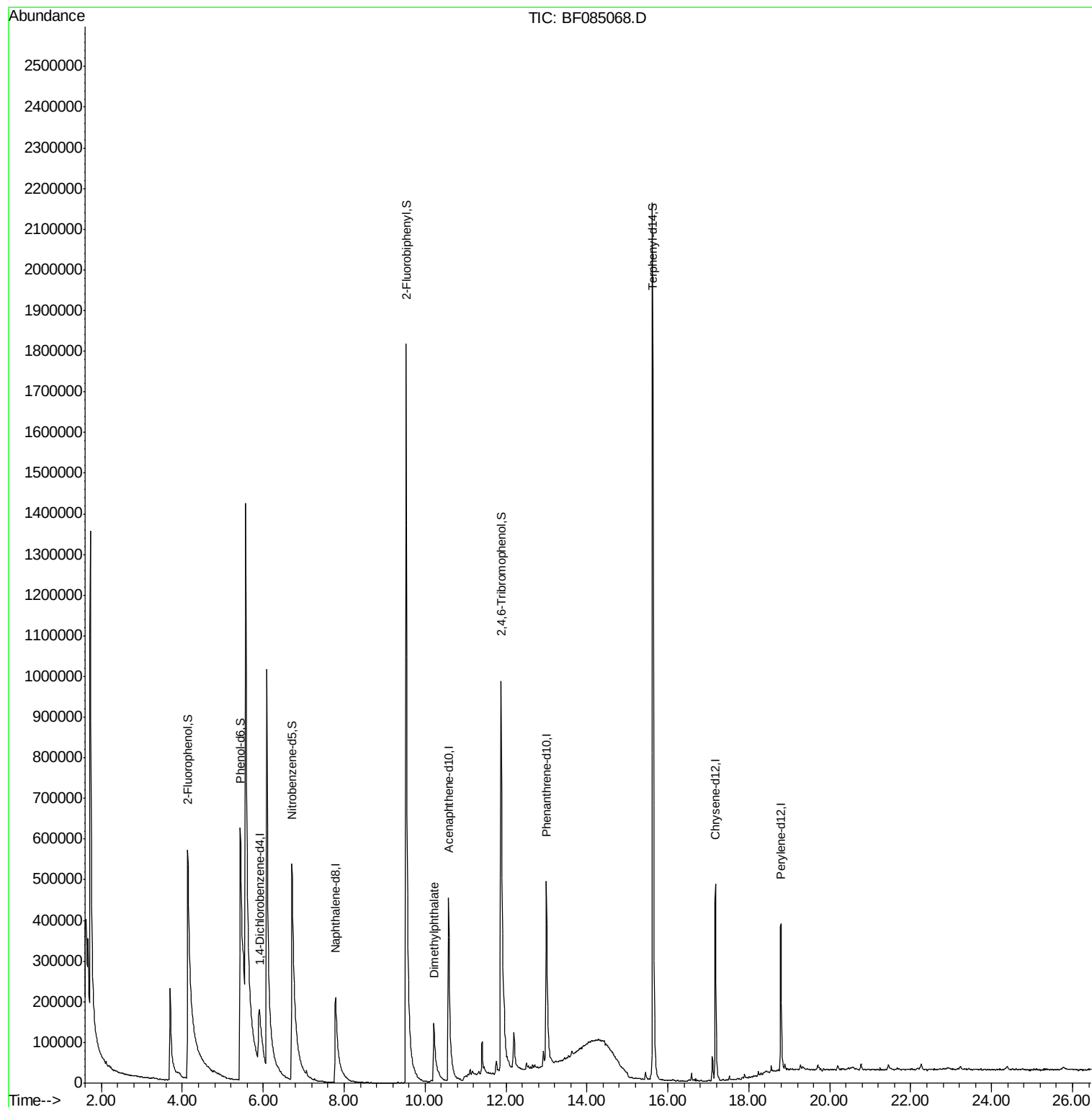
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	129009	20.00	ng	0.02
21) Naphthalene-d8	7.79	136	588894	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	291711	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	530138	20.00	ng	0.00
75) Chrysene-d12	17.18	240	376799	20.00	ng	0.00
86) Perylene-d12	18.80	264	273441	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.14	112	1019440	138.17	ng	-0.02
7) Phenol-d6	5.43	99	1471350	149.63	ng	-0.01
23) Nitrobenzene-d5	6.71	82	952039	95.47	ng	-0.01
41) 2,4,6-Tribromophenol	11.89	330	420692	139.63	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1742617	85.39	ng	0.00
78) Terphenyl-d14	15.62	244	1430611	78.14	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.22	163	284007	12.99	ng	Qvalue 99

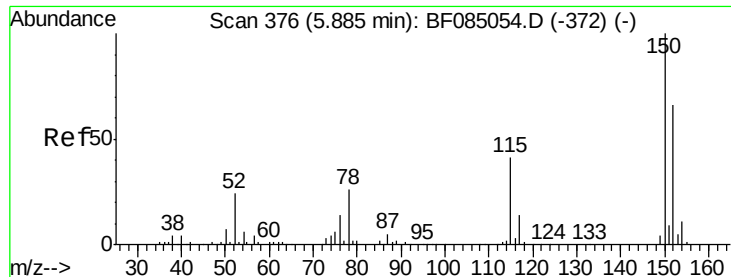
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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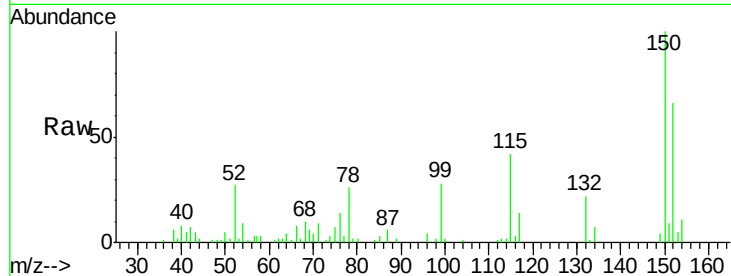


#1

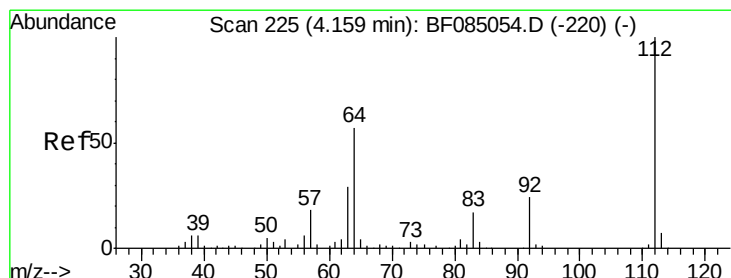
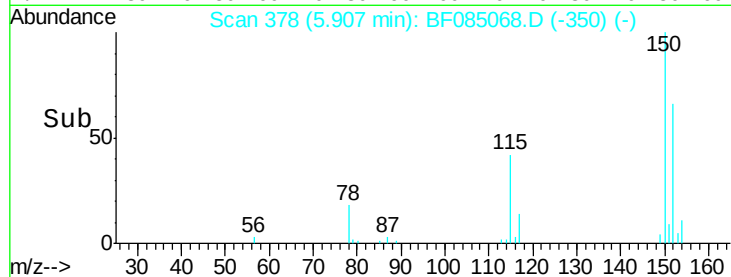
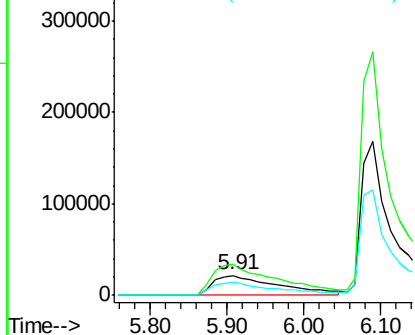
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.91 min Scan# 378
 Delta R.T. 0.02 min
 Lab File: BF085068.D
 Acq: 13 Feb 2016 5:34

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B001(20-22)

Tot Ion:152 Resp: 129009
 Ion Ratio Lower Upper
 152 100
 150 151.2 127.4 191.2
 115 64.1 50.5 75.7



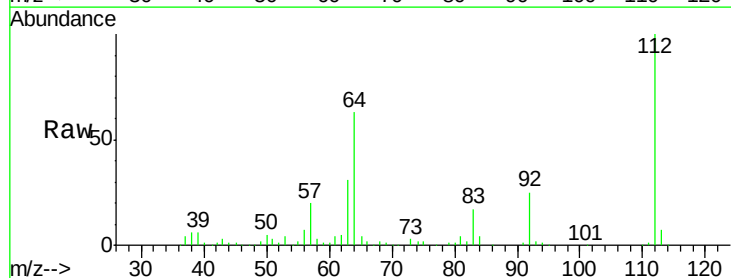
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



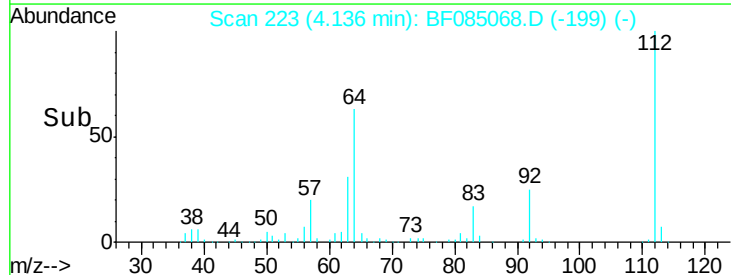
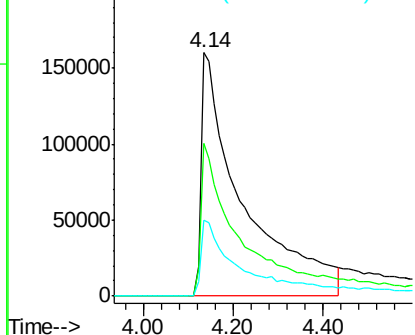
#5

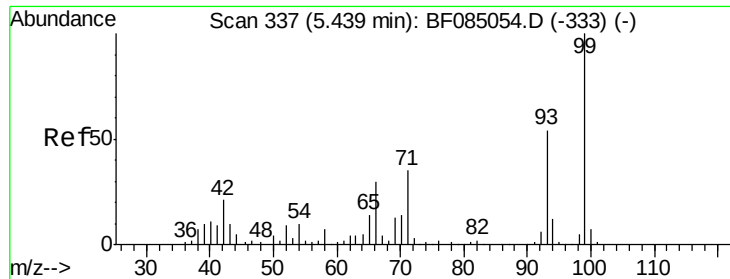
2-Fluorophenol
 Concen: 138.17 ng
 RT: 4.14 min Scan# 223
 Delta R.T. -0.02 min
 Lab File: BF085068.D
 Acq: 13 Feb 2016 5:34

Tgt Ion:112 Resp: 1019440
 Ion Ratio Lower Upper
 112 100
 64 62.9 45.4 68.2
 63 31.2 23.2 34.8



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: 149.63 ng

RT: 5.43 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF085068.D

Acq: 13 Feb 2016 5:34

Instrument :

BNA_F

ClientSampleId :

SUP-B001(20-22)

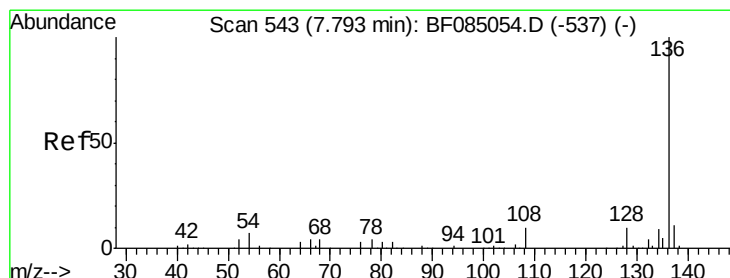
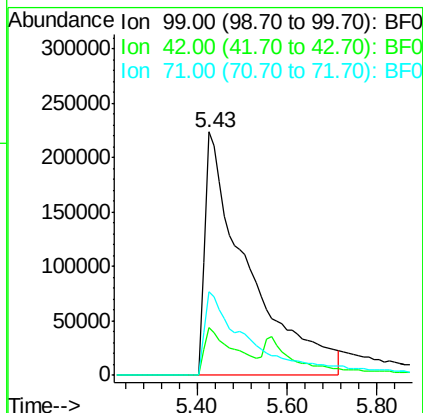
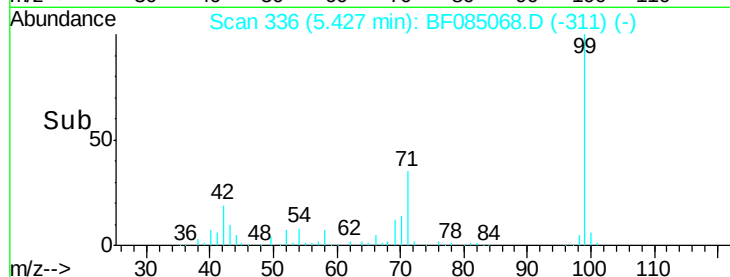
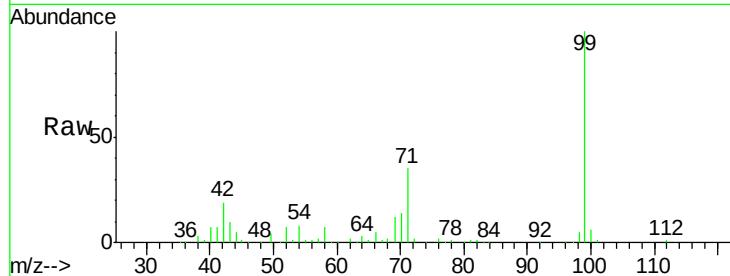
Tot Ion: 99 Resp: 1471350

Ion Ratio Lower Upper

99 100

42 19.4 17.0 25.4

71 34.5 28.3 42.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF085068.D

Acq: 13 Feb 2016 5:34

Tgt Ion: 136 Resp: 588894

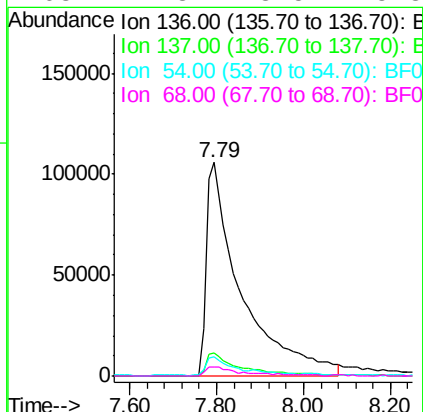
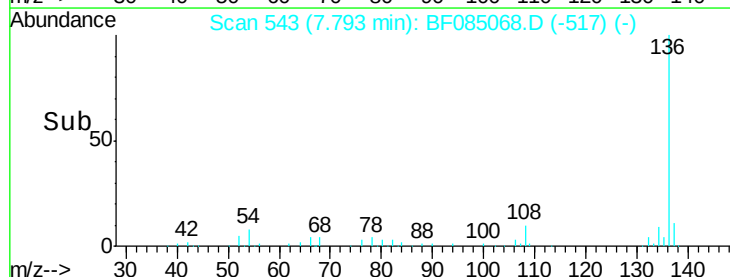
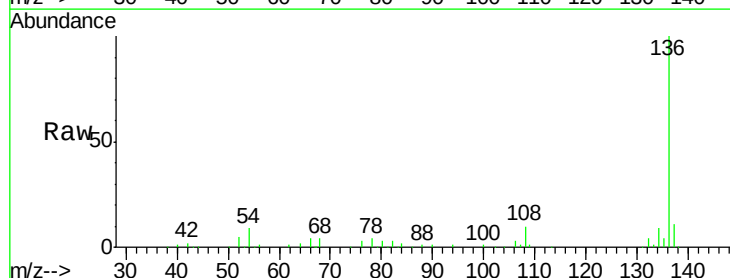
Ion Ratio Lower Upper

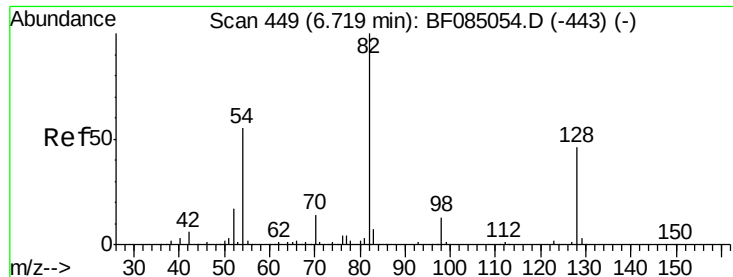
136 100

137 11.0 8.9 13.3

54 8.8 6.1 9.1

68 4.3 3.5 5.3





#23

Nitrobenzene-d5

Concen: 95.47 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF085068.D

Acq: 13 Feb 2016 5:34

Instrument :

BNA_F

ClientSampleId :

SUP-B001(20-22)

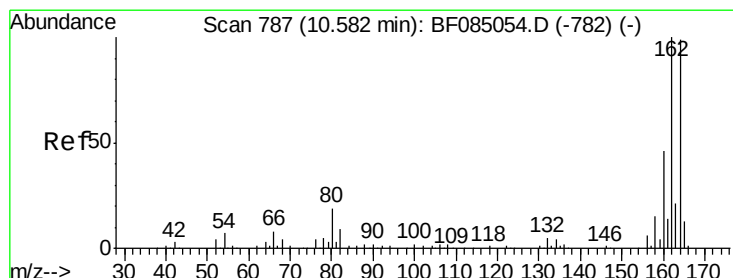
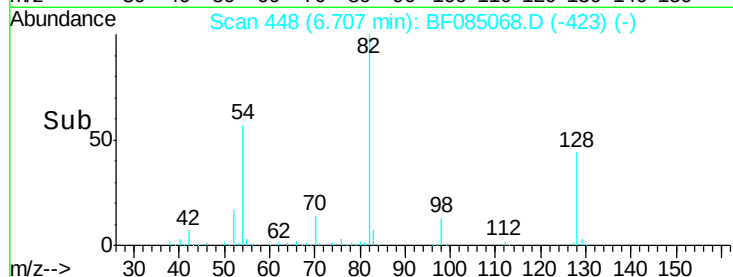
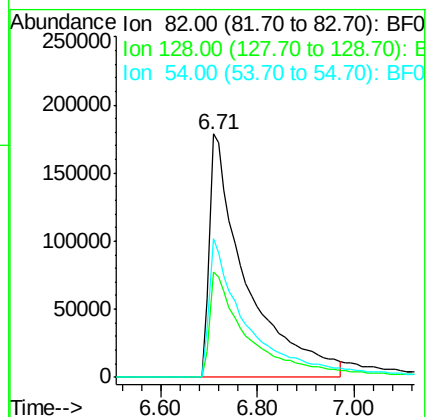
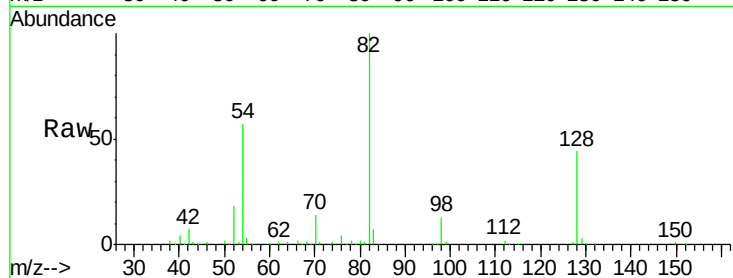
Tot Ion: 82 Resp: 952039

Ion Ratio Lower Upper

82 100

128 43.5 36.8 55.2

54 56.9 44.4 66.6



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.58 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF085068.D

Acq: 13 Feb 2016 5:34

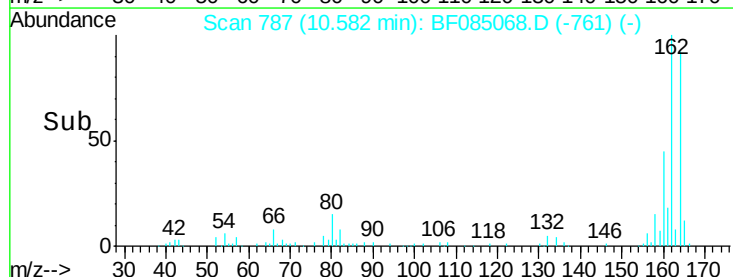
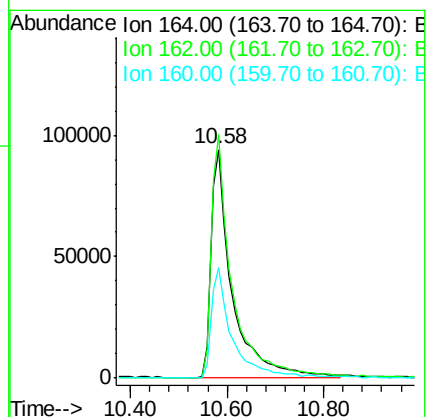
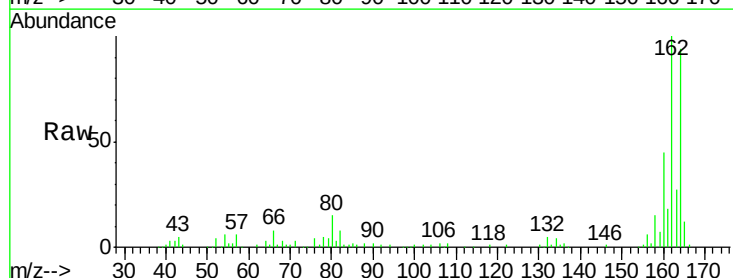
Tgt Ion:164 Resp: 291711

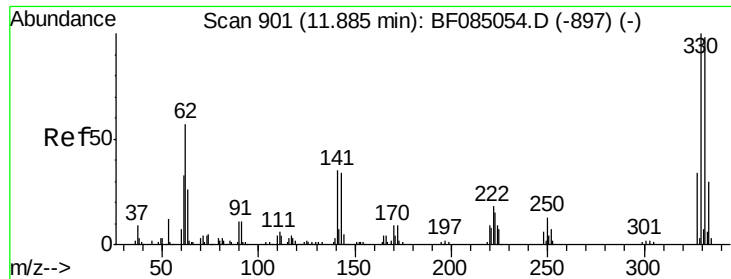
Ion Ratio Lower Upper

164 100

162 106.6 81.1 121.7

160 48.3 37.4 56.0

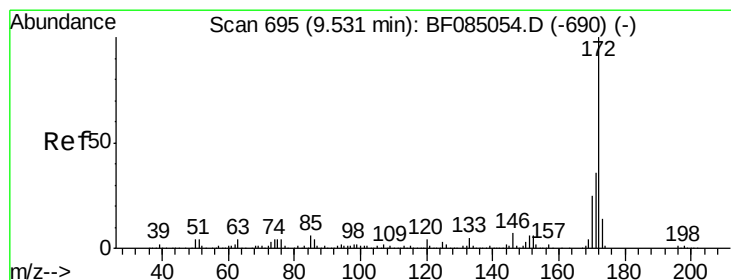
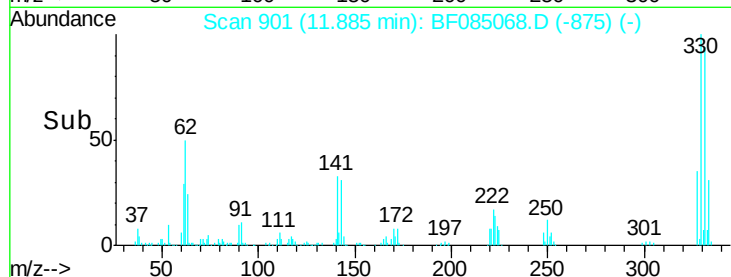
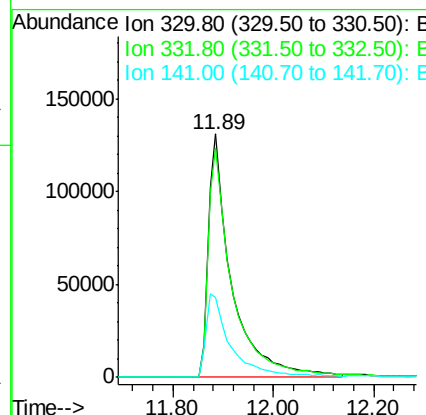
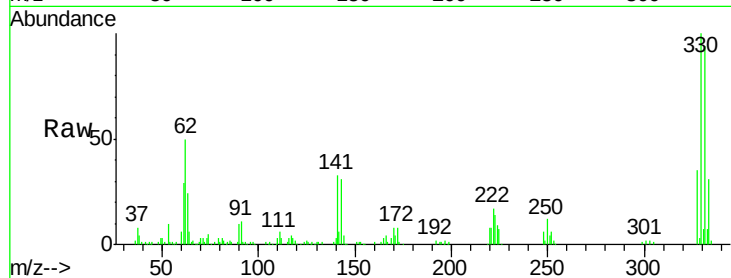




#41
 2,4,6-Tribromophenol
 Concen: 139.63 ng
 RT: 11.89 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF085068.D
 Acq: 13 Feb 2016 5:34

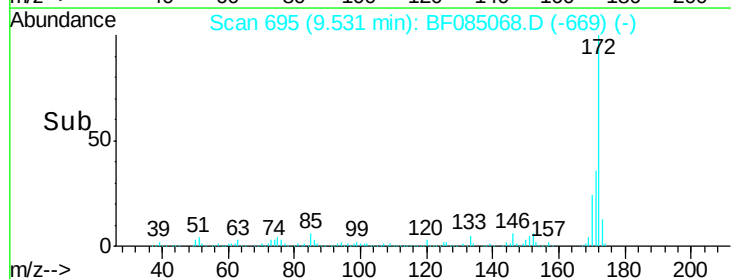
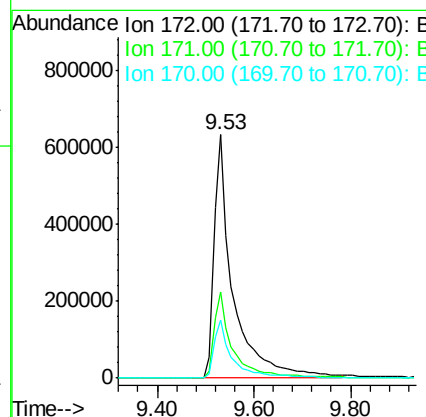
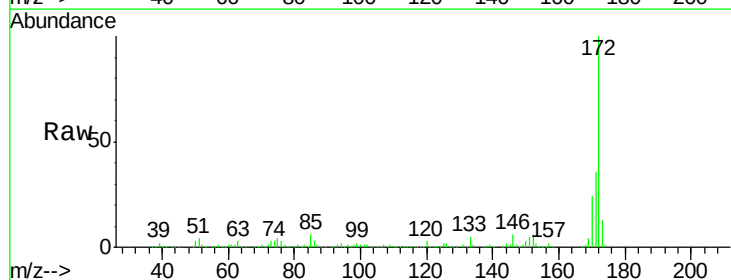
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B001(20-22)

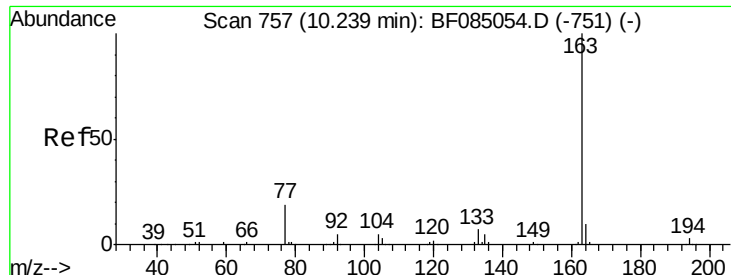
Tot Ion:330 Resp: 420692
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.5 117.7
 141 37.1 28.6 42.8



#44
 2-Fluorobiphenyl
 Concen: 85.39 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF085068.D
 Acq: 13 Feb 2016 5:34

Tgt Ion:172 Resp: 1742617
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.1 43.7
 170 23.9 19.6 29.4





#49

Dimethylphthalate

Concen: 12.99 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF085068.D

Acq: 13 Feb 2016 5:34

Instrument :

BNA_F

ClientSampleId :

SUP-B001(20-22)

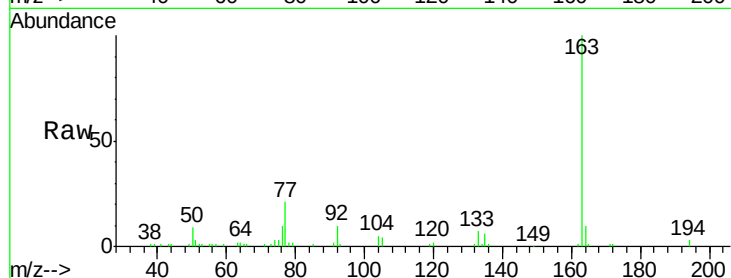
Tot Ion:163 Resp: 284007

Ion Ratio Lower Upper

163 100

194 3.4 2.5 3.7

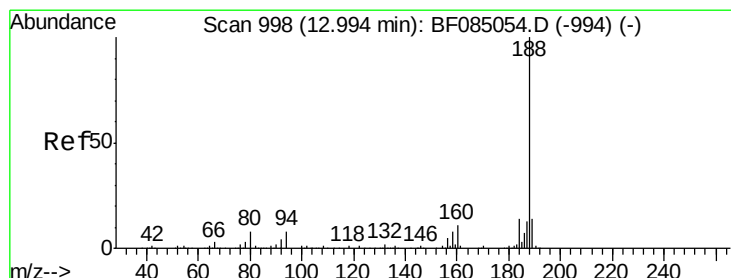
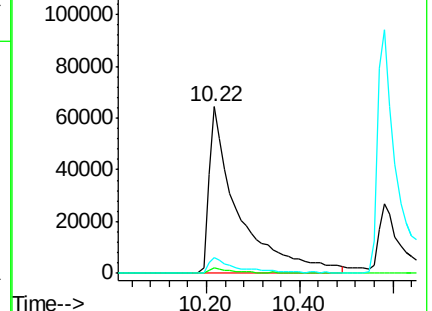
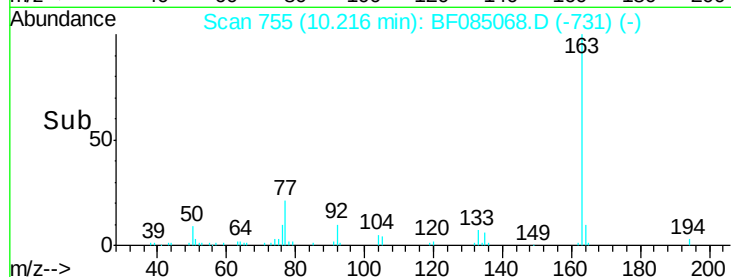
164 9.6 7.8 11.8



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: 12.99 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF085068.D

Acq: 13 Feb 2016 5:34

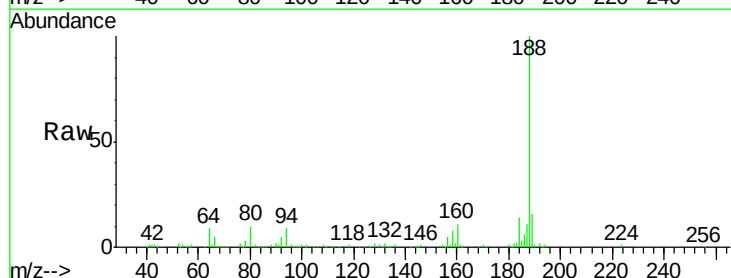
Tgt Ion:188 Resp: 530138

Ion Ratio Lower Upper

188 100

94 8.7 6.2 9.2

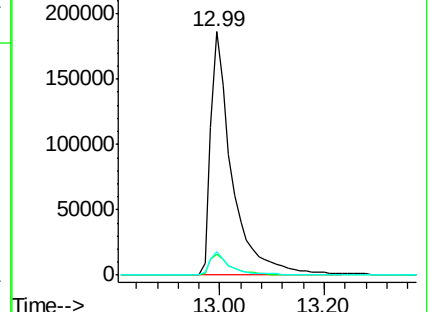
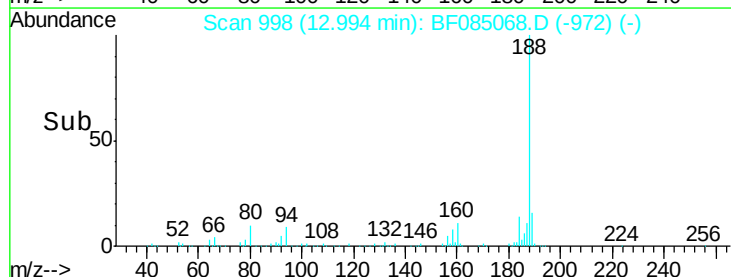
80 9.5 6.6 9.8

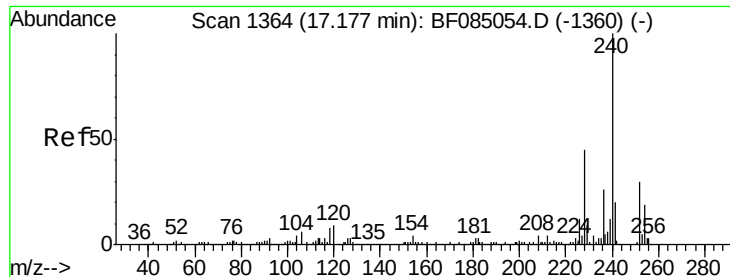


Abundance Ion 188.00 (187.70 to 188.70): E

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: 17.18 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF085068.D

Acq: 13 Feb 2016 5:34

Instrument :

BNA_F

ClientSampleId :

SUP-B001(20-22)

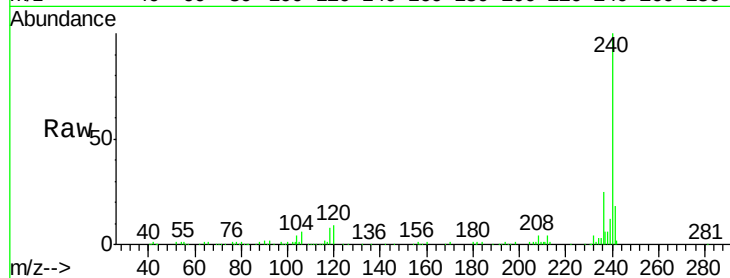
Tot Ion:240 Resp: 376799

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

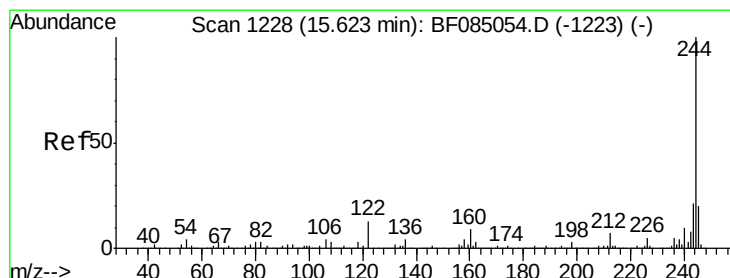
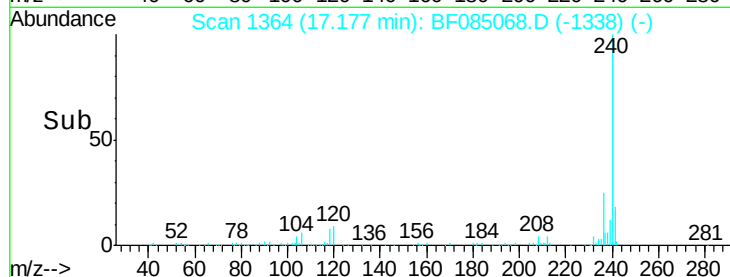
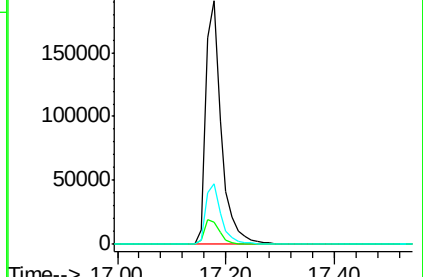
236 25.0 20.5 30.7



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: 78.14 ng

RT: 15.62 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF085068.D

Acq: 13 Feb 2016 5:34

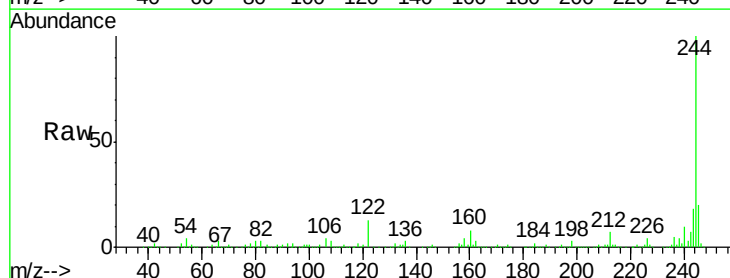
Tgt Ion:244 Resp: 1430611

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

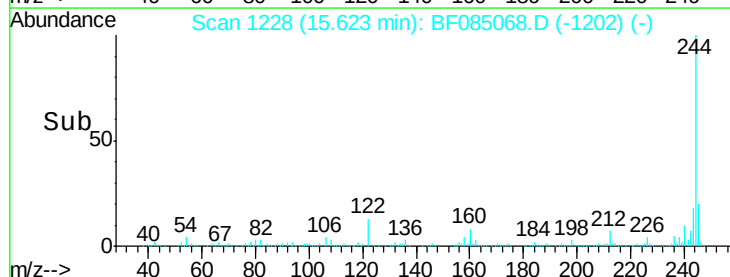
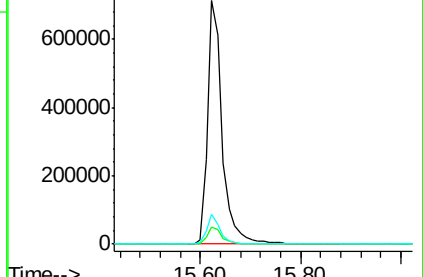
122 12.5 10.1 15.1

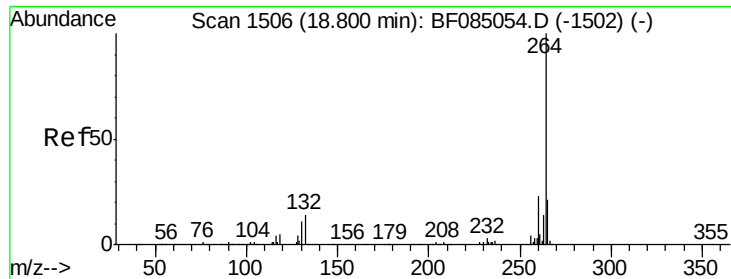


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

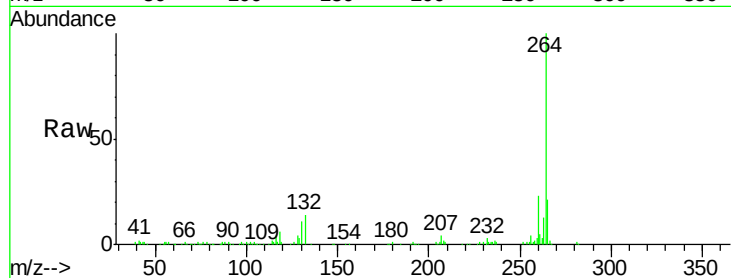




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 18.80 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF085068.D
 Acq: 13 Feb 2016 5:34

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B001(20-22)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.5	27.7
265	20.8	16.7	25.1



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

