

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
 Data File : BF085063.D
 Acq On : 13 Feb 2016 2:38
 Operator : SJ/IZ
 Sample : H1396-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)

Quant Time: Feb 13 04:18:51 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

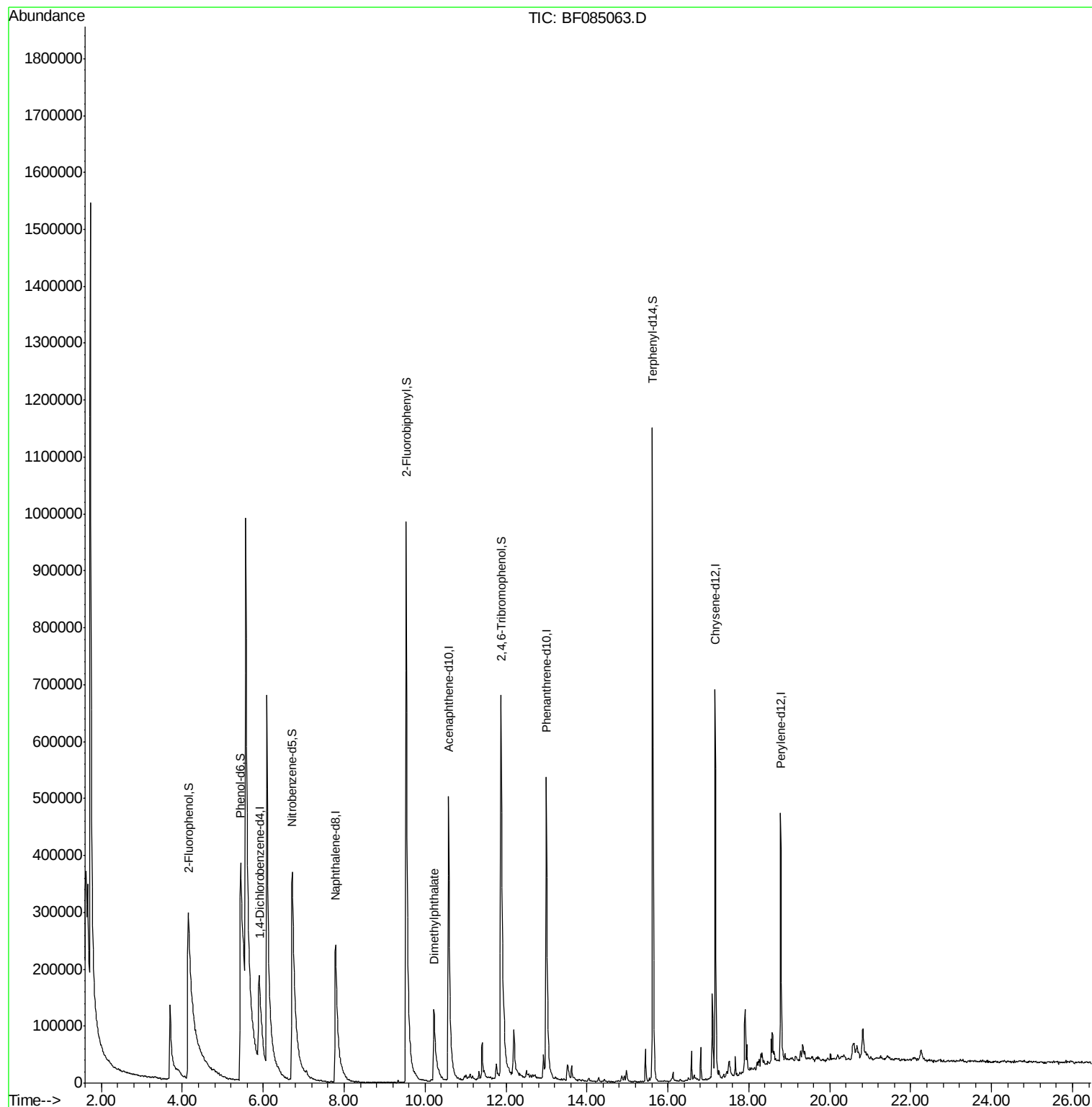
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	137821	20.00	ng	0.02
21) Naphthalene-d8	7.79	136	617325	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	296458	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	545245	20.00	ng	0.00
75) Chrysene-d12	17.17	240	396578	20.00	ng	-0.01
86) Perylene-d12	18.79	264	282621	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.16	112	722984	91.73	ng	0.00
7) Phenol-d6	5.44	99	1077249	102.55	ng	0.00
23) Nitrobenzene-d5	6.72	82	706001	67.53	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	287926	94.03	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1003954	48.41	ng	0.00
78) Terphenyl-d14	15.62	244	696094	36.13	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.22	163	252134	11.34	ng	98

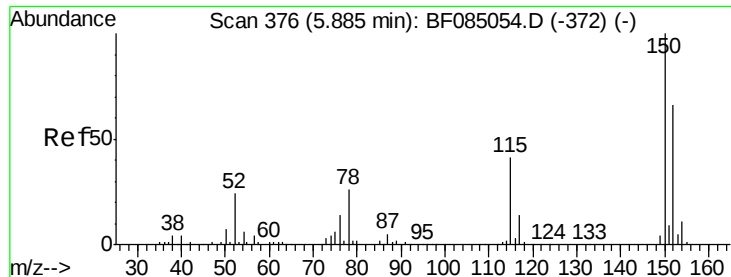
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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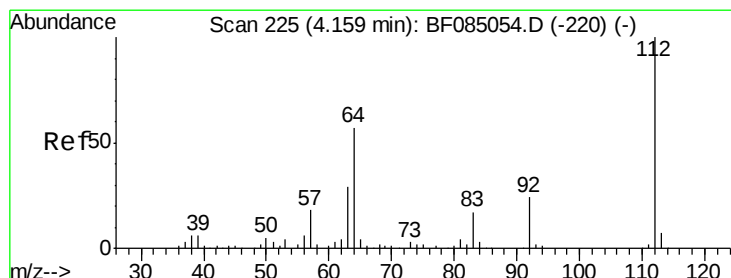
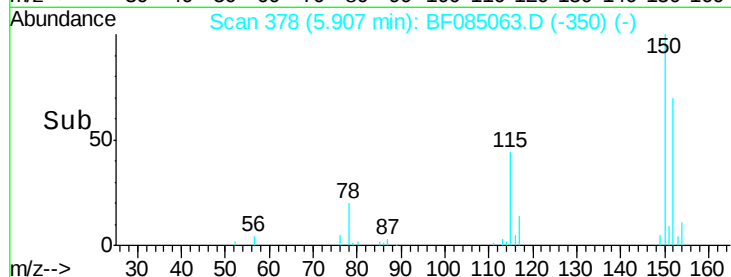
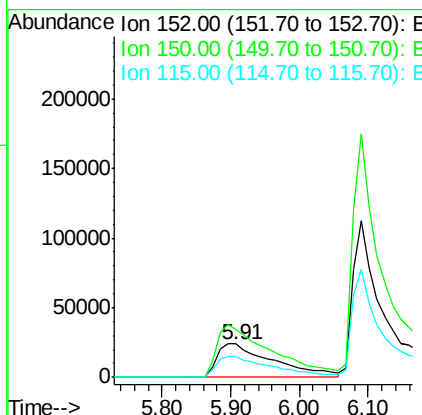
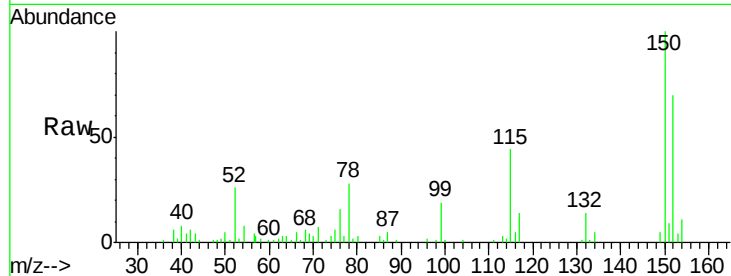


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.91 min Scan# 378
 Delta R.T. 0.02 min
 Lab File: BF085063.D
 Acq: 13 Feb 2016 2:38

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)

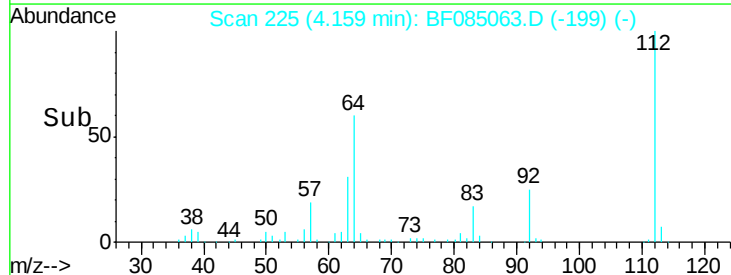
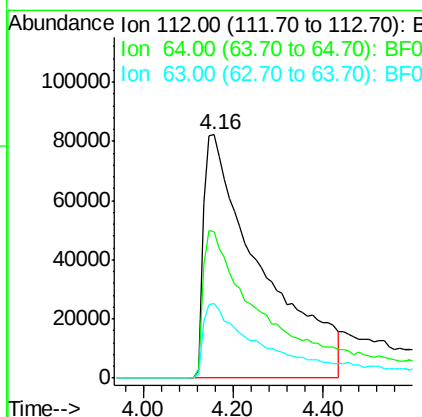
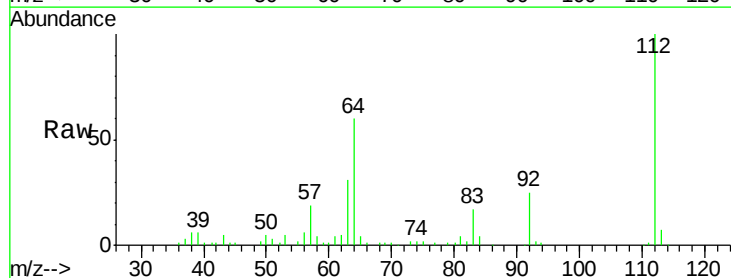
Tot Ion	Ratio	Lower	Upper
152	100		
150	143.8	127.4	191.2
115	63.9	50.5	75.7

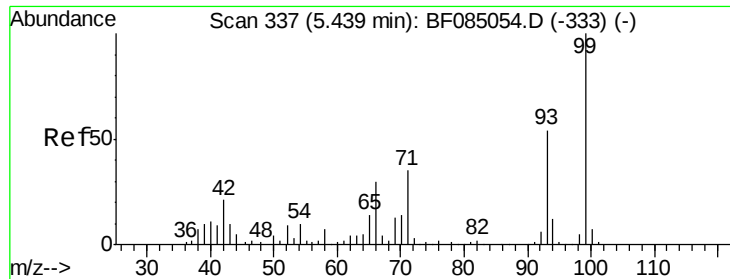


#5

2-Fluorophenol
 Concen: 91.73 ng
 RT: 4.16 min Scan# 225
 Delta R.T. 0.00 min
 Lab File: BF085063.D
 Acq: 13 Feb 2016 2:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	45.4	68.2
63	30.8	23.2	34.8





#7

Phenol-d6

Concen: 102.55 ng

RT: 5.44 min Scan# 337

Delta R.T. -0.00 min

Lab File: BF085063.D

Acq: 13 Feb 2016 2:38

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)

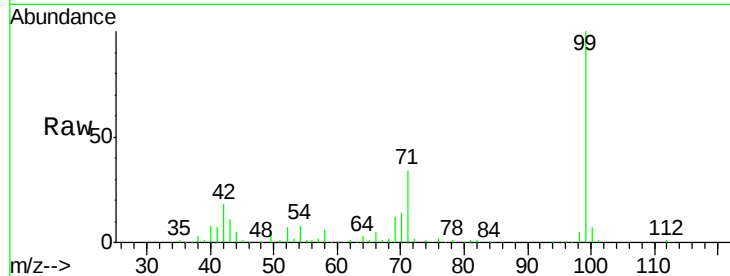
Tot Ion: 99 Resp: 1077249

Ion Ratio Lower Upper

99 100

42 18.4 17.0 25.4

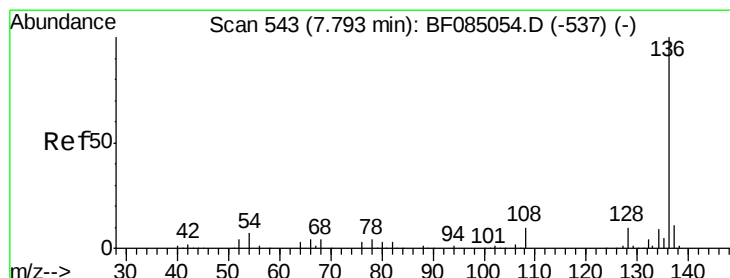
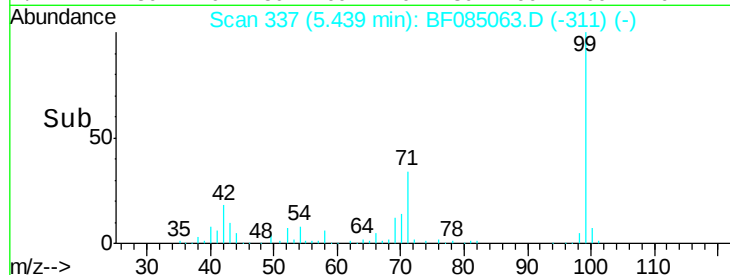
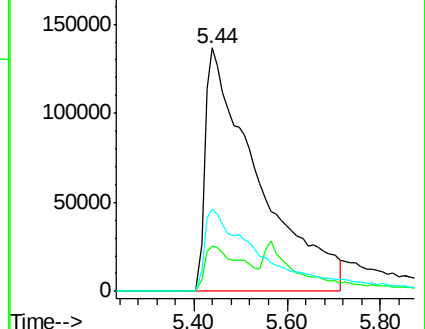
71 33.7 28.3 42.5



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF085063.D

Acq: 13 Feb 2016 2:38

Tgt Ion: 136 Resp: 617325

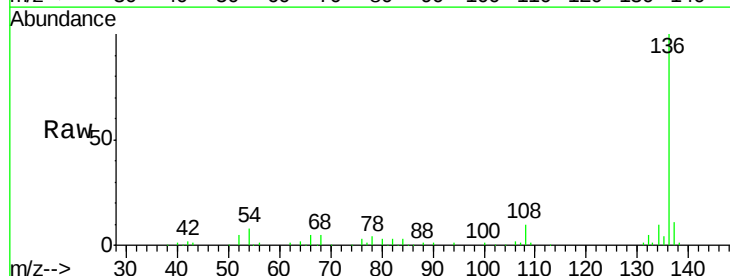
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.9 6.1 9.1

68 5.1 3.5 5.3

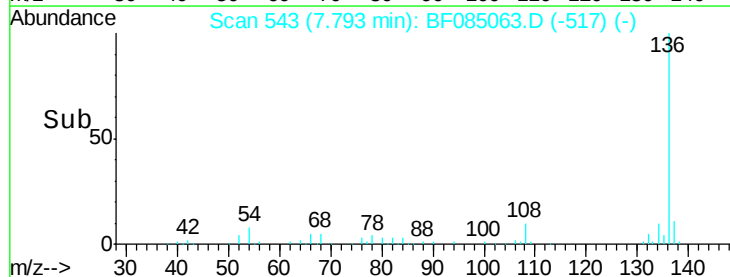
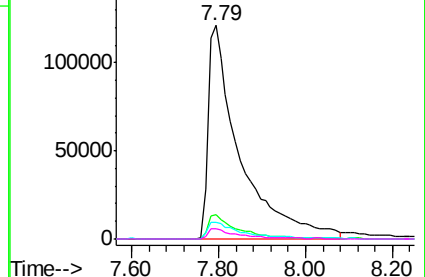


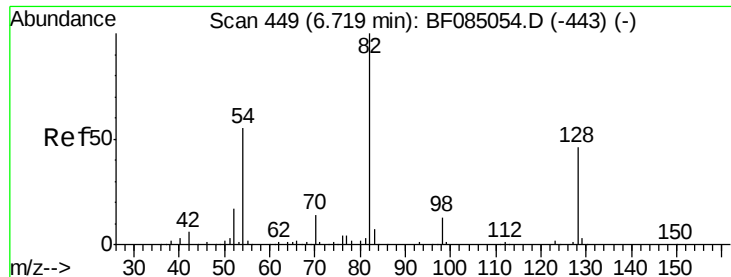
Abundance Ion 136.00 (135.70 to 136.70): E

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

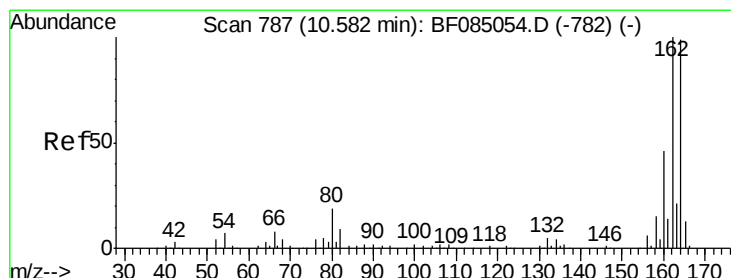
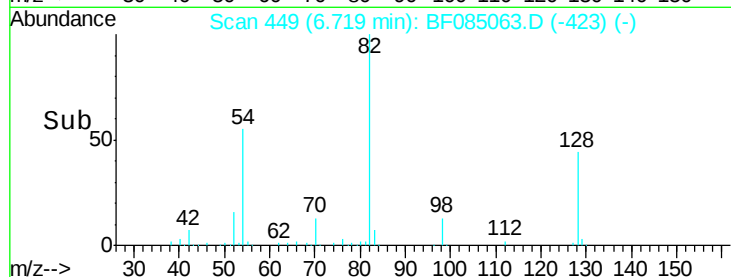
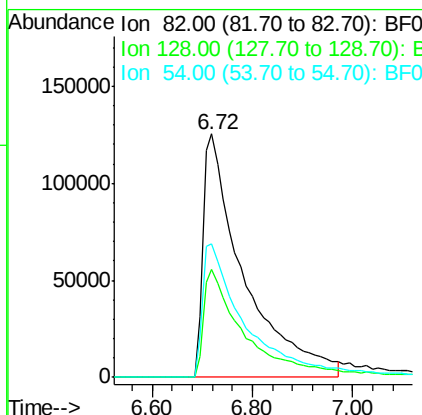
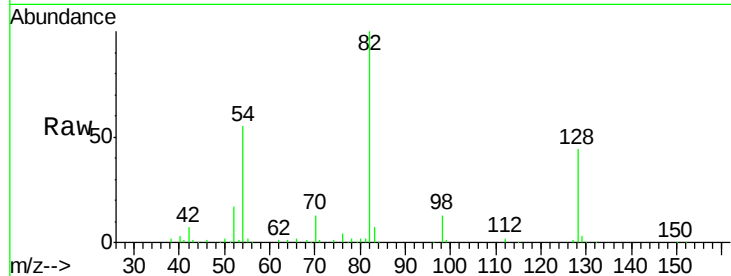




#23
 Nitrobenzene-d5
 Concen: 67.53 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF085063.D
 Acq: 13 Feb 2016 2:38

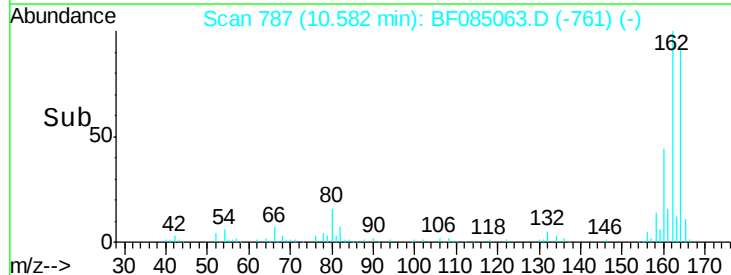
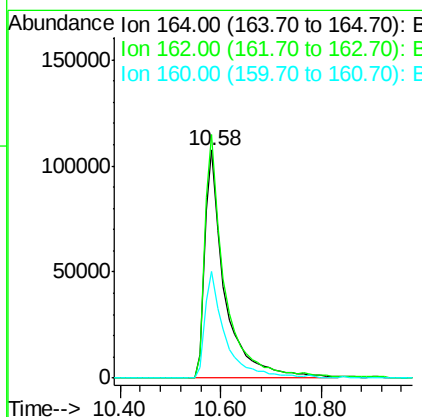
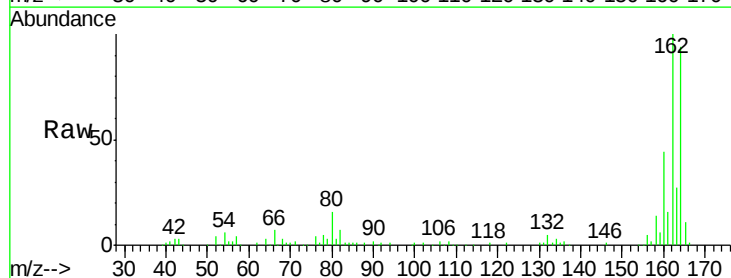
Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)

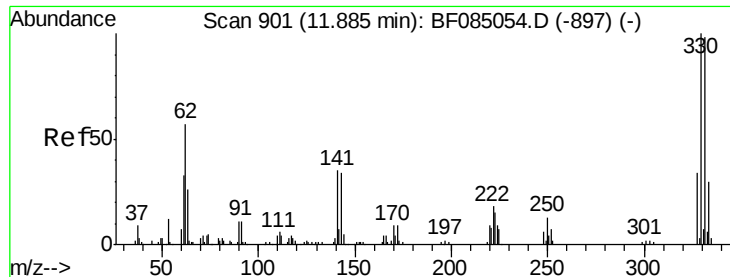
Tot Ion	82	Resp	706001
Ion Ratio	Lower	Upper	
82	100		
128	44.2	36.8	55.2
54	55.0	44.4	66.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.58 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF085063.D
 Acq: 13 Feb 2016 2:38

Tgt Ion	164	Resp	296458
Ion Ratio	Lower	Upper	
164	100		
162	106.8	81.1	121.7
160	47.0	37.4	56.0

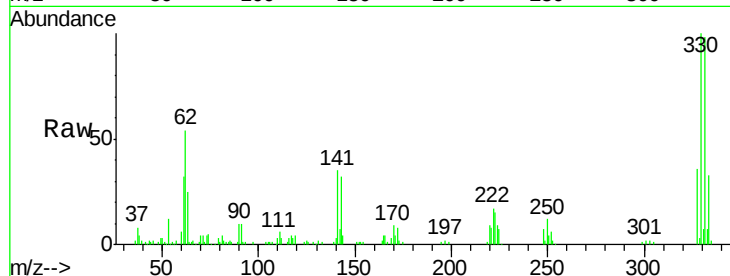




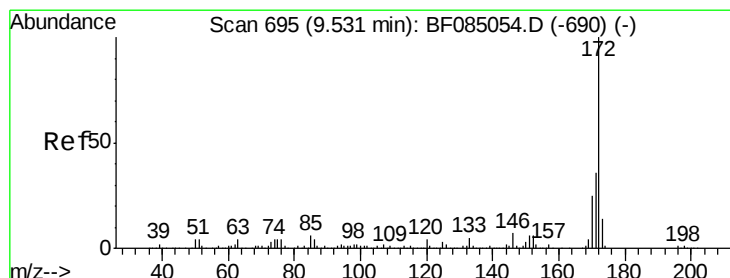
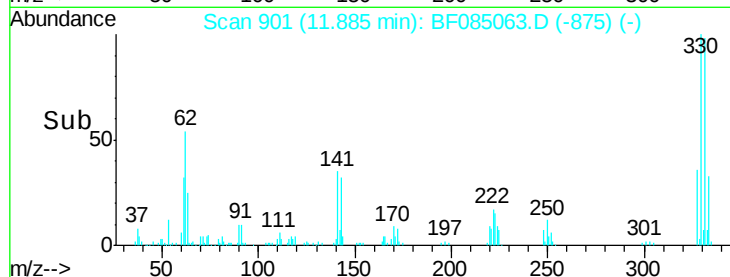
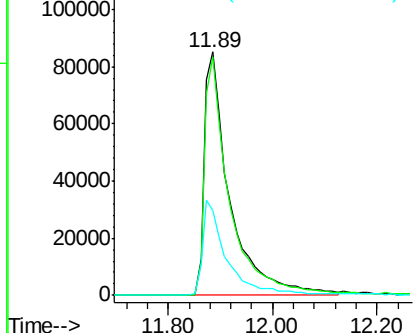
#41
 2,4,6-Tribromophenol
 Concen: 94.03 ng
 RT: 11.89 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF085063.D
 Acq: 13 Feb 2016 2:38

Instrument :
 BNA_F
 ClientSampleId :
 S4-B003(10-12)

Tot Ion:330 Resp: 287926
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.5 117.7
 141 37.0 28.6 42.8

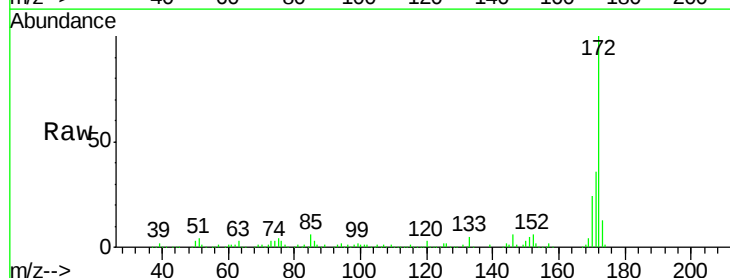


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

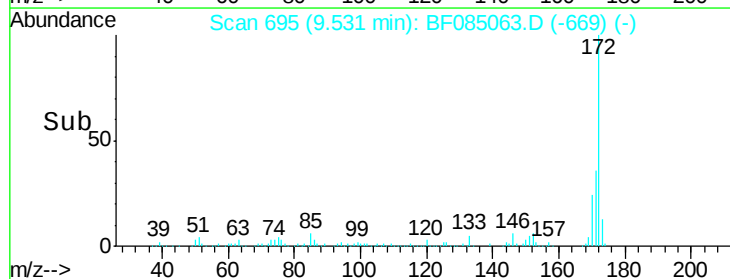
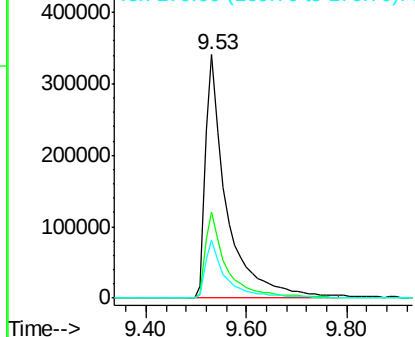


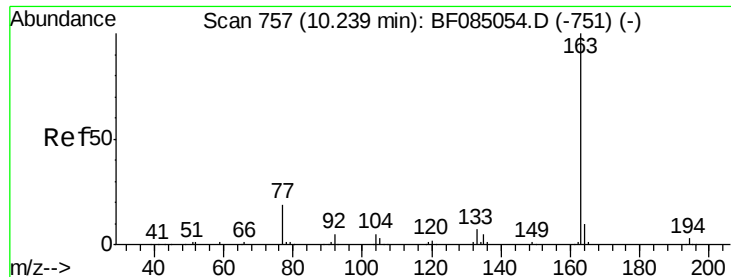
#44
 2-Fluorobiphenyl
 Concen: 48.41 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF085063.D
 Acq: 13 Feb 2016 2:38

Tgt Ion:172 Resp: 1003954
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.1 43.7
 170 23.6 19.6 29.4



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





#49

Dimethylphthalate

Concen: 11.34 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF085063.D

Acq: 13 Feb 2016 2:38

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)

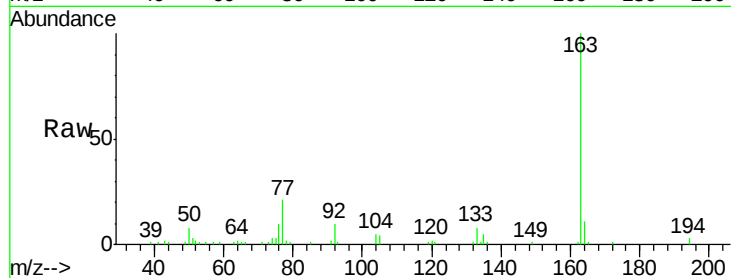
Tot Ion:163 Resp: 252134

Ion Ratio Lower Upper

163 100

194 2.5 2.5 3.7

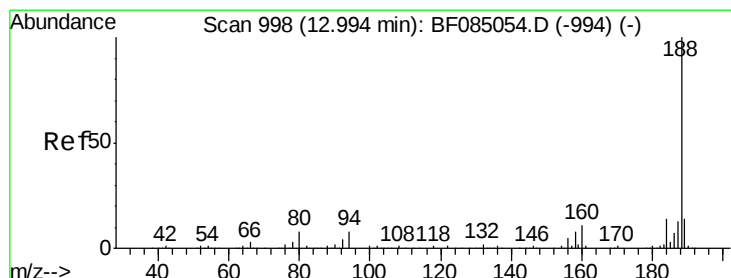
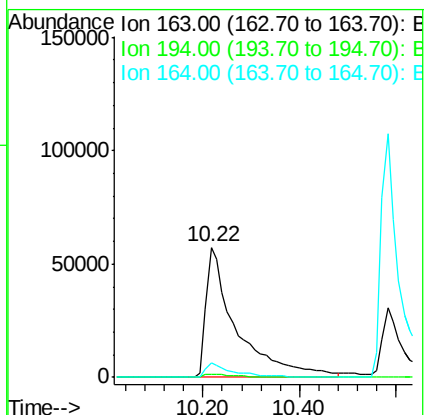
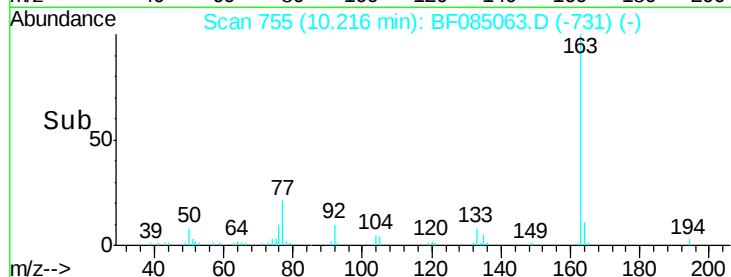
164 10.7 7.8 11.8



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: BF085063.D

Acq: 13 Feb 2016 2:38

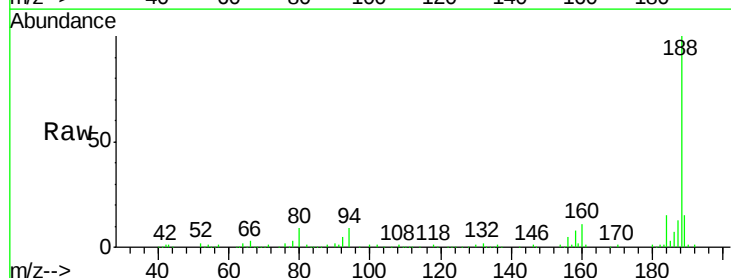
Tgt Ion:188 Resp: 545245

Ion Ratio Lower Upper

188 100

94 8.6 6.2 9.2

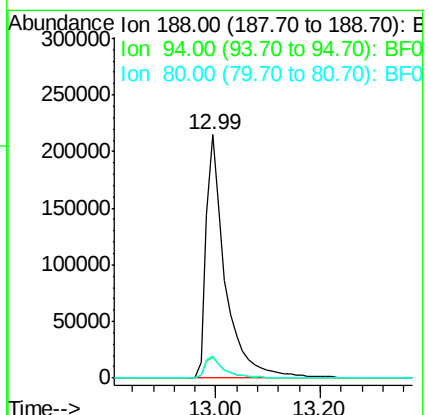
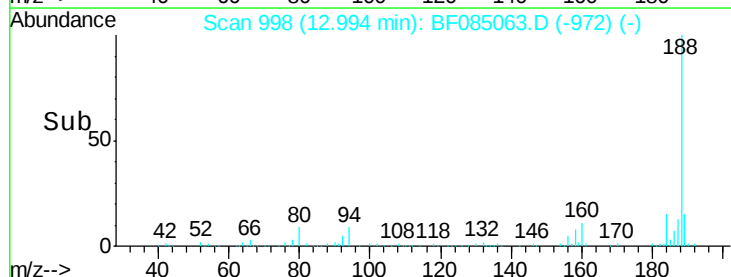
80 9.0 6.6 9.8

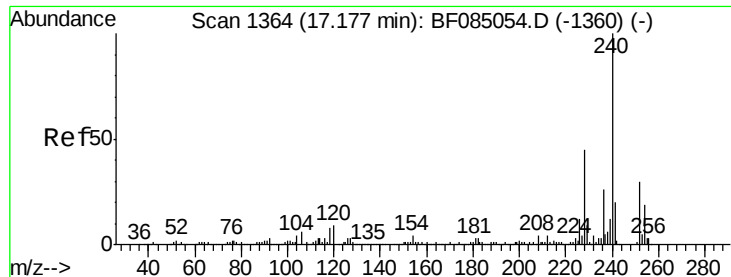


Abundance Ion 188.00 (187.70 to 188.70): E

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: 17.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF085063.D

Acq: 13 Feb 2016 2:38

Instrument :

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ClientSampleId :

S4-B003(10-12)

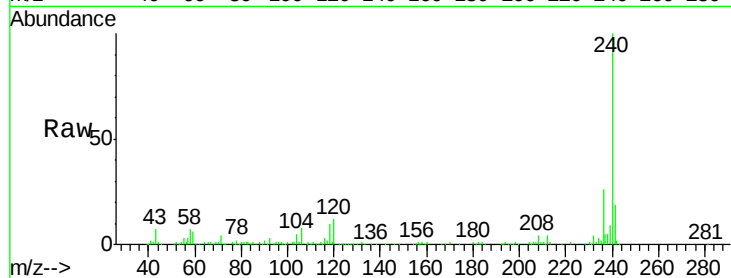
Tot Ion:240 Resp: 396578

Ion Ratio Lower Upper

240 100

120 11.6 7.0 10.6#

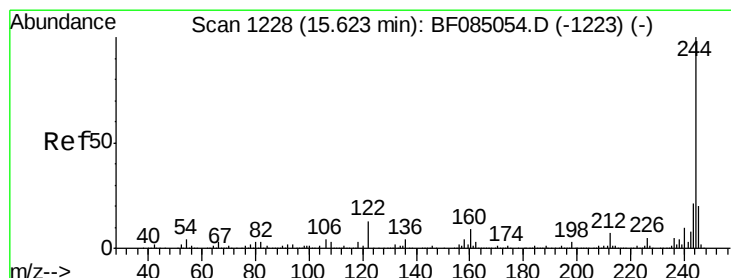
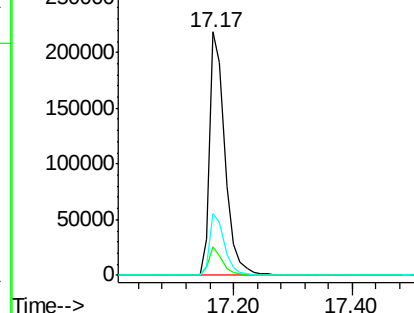
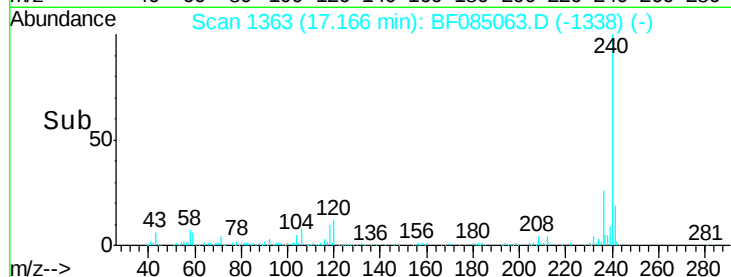
236 25.6 20.5 30.7



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: 36.13 ng

RT: 15.62 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF085063.D

Acq: 13 Feb 2016 2:38

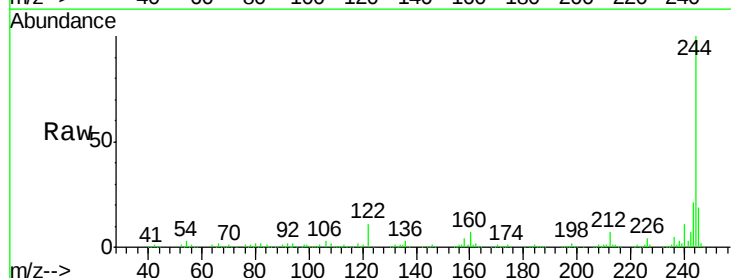
Tgt Ion:244 Resp: 696094

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

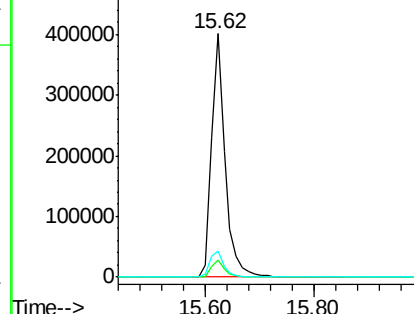
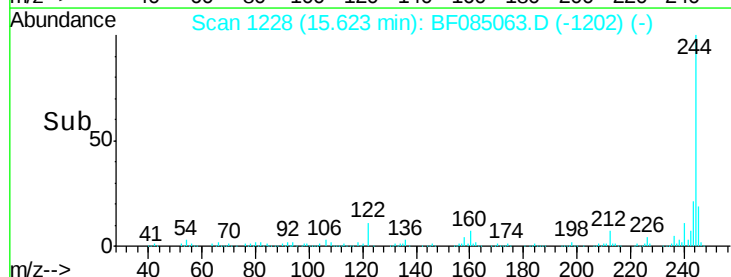
122 10.7 10.1 15.1

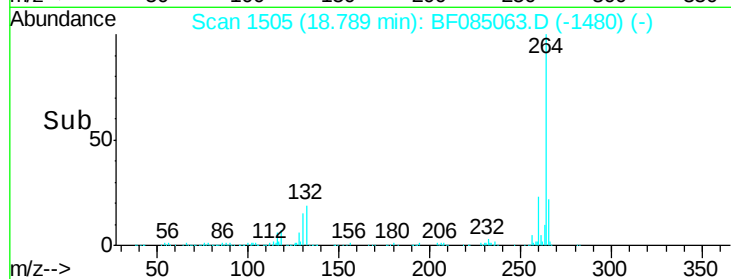
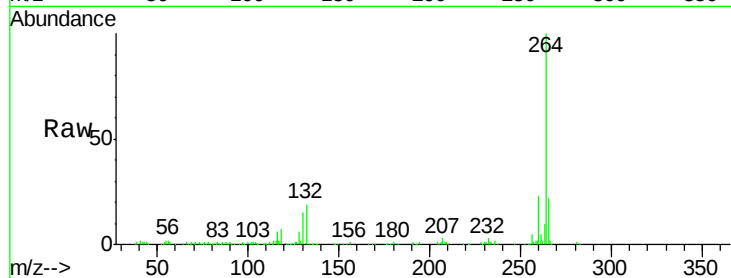
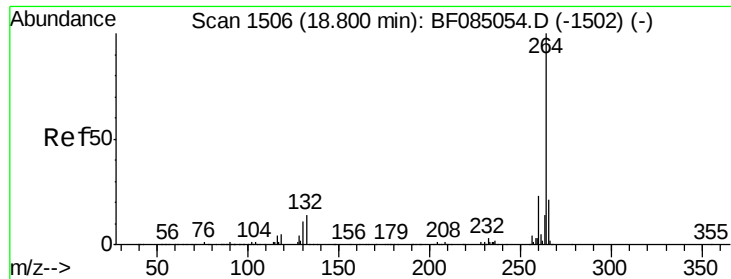


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.79 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BF085063.D

Acq: 13 Feb 2016 2:38

Instrument :

BNA_F

ClientSampleId :

S4-B003(10-12)

Tot Ion:264 Resp: 282621

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 21.5 16.7 25.1

