

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
 Data File : BF085062.D
 Acq On : 13 Feb 2016 2:03
 Operator : SJ/IZ
 Sample : H1396-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B002(10-12)

Quant Time: Feb 13 04:15:35 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

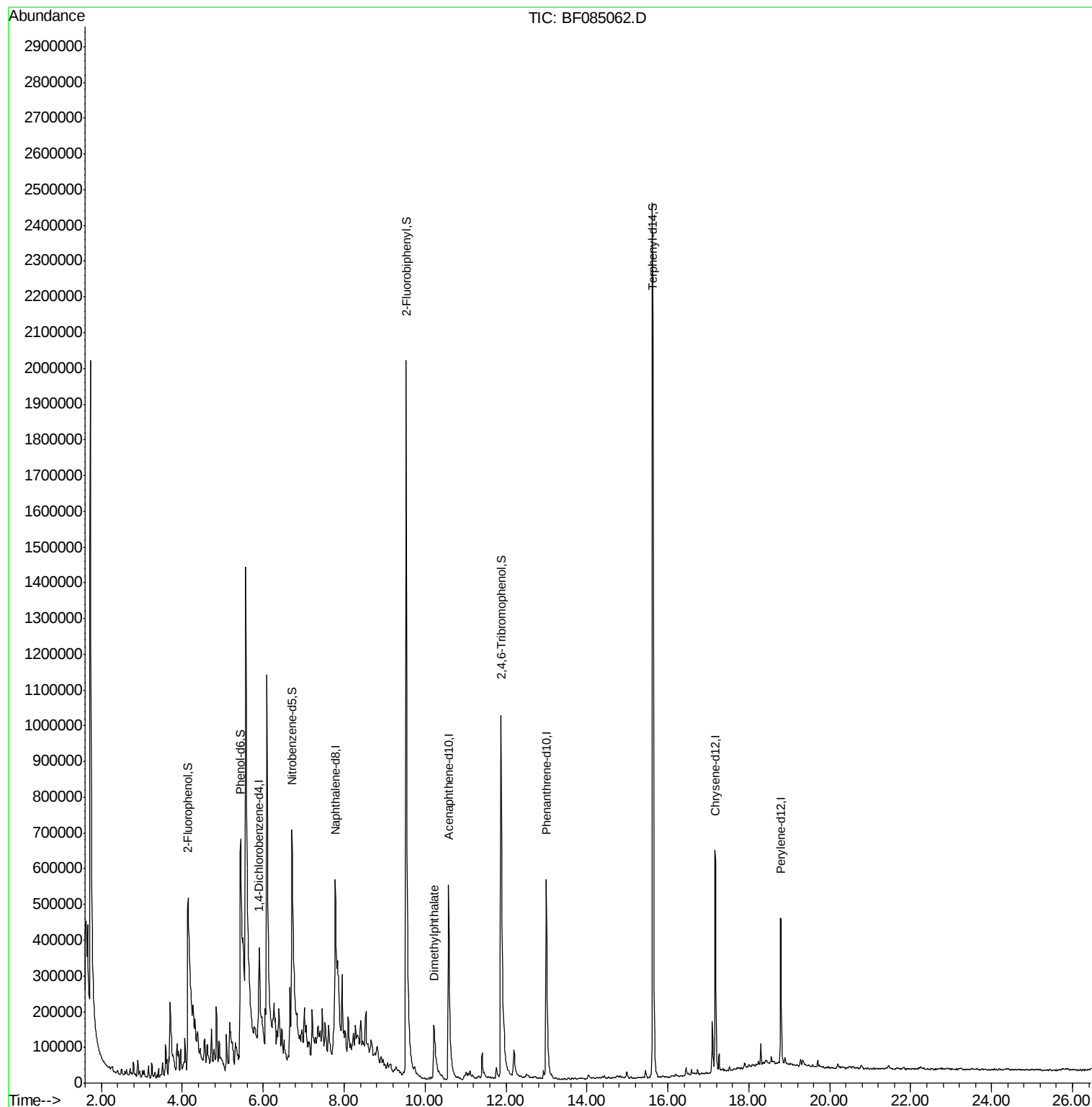
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	140783	20.00	ng	0.01
21) Naphthalene-d8	7.78	136	628661	20.00	ng	-0.01
38) Acenaphthene-d10	10.58	164	303960	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	578943	20.00	ng	0.00
75) Chrysene-d12	17.18	240	435498	20.00	ng	0.00
86) Perylene-d12	18.80	264	290652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.15	112	954556	118.56	ng	-0.01
7) Phenol-d6	5.44	99	1393742	129.89	ng	0.00
23) Nitrobenzene-d5	6.71	82	903592	84.88	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	390392	124.35	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1682784	79.14	ng	0.00
78) Terphenyl-d14	15.62	244	1564386	73.93	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.22	163	281578	12.36	ng	Qvalue 99

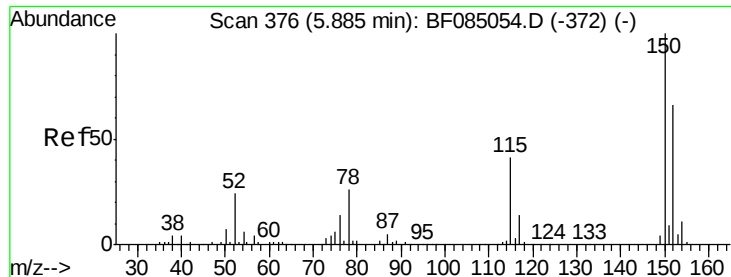
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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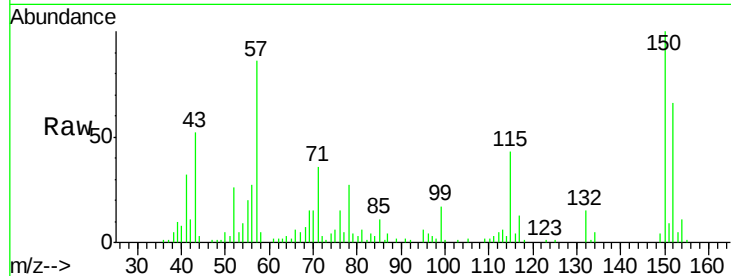


#1

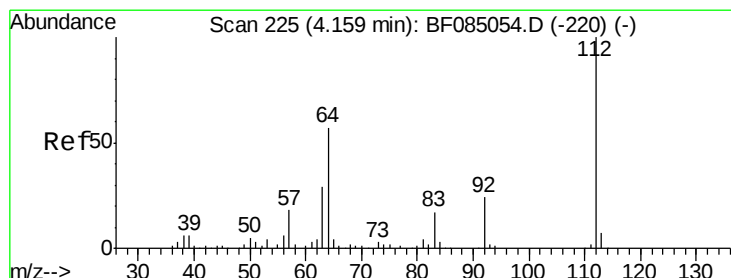
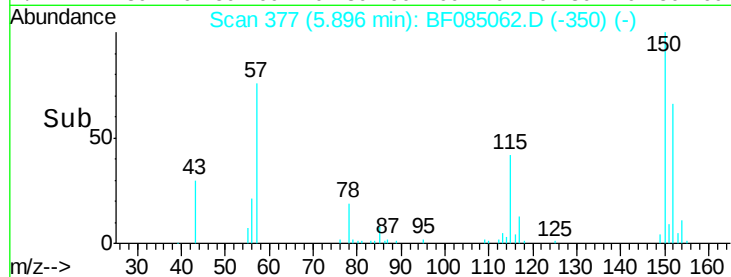
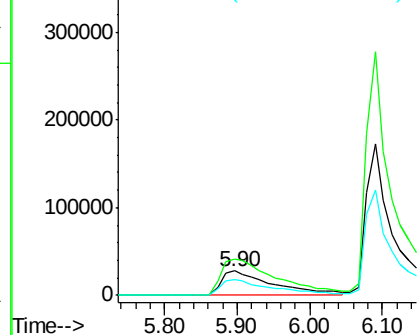
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 377
Delta R.T. 0.01 min
Lab File: BF085062.D
Acq: 13 Feb 2016 2:03

Instrument :
BNA_F
ClientSampleId :
S4-B002(10-12)

Tot Ion:152 Resp: 140783
Ion Ratio Lower Upper
152 100
150 150.8 127.4 191.2
115 64.4 50.5 75.7



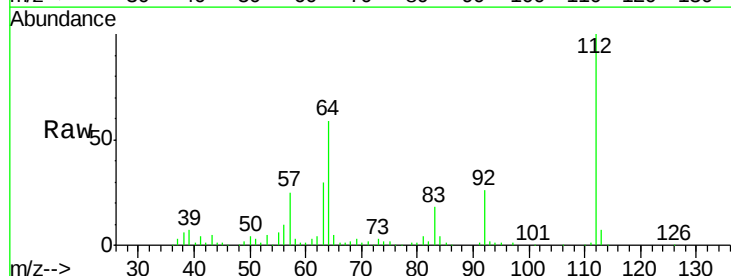
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



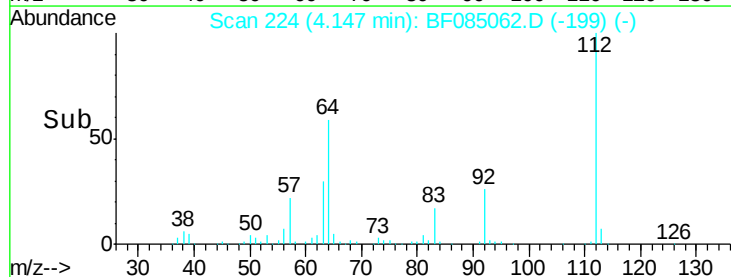
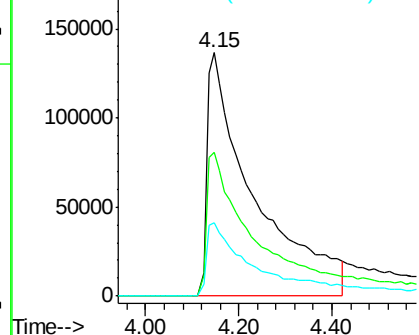
#5

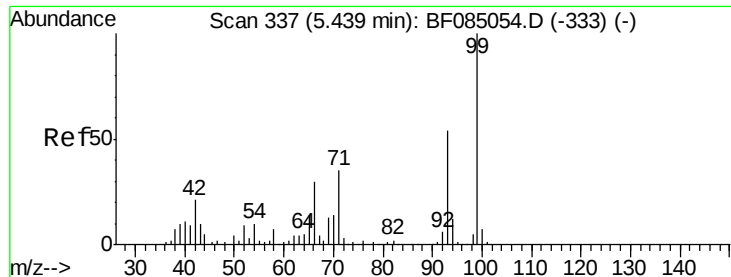
2-Fluorophenol
Concen: 118.56 ng
RT: 4.15 min Scan# 224
Delta R.T. -0.01 min
Lab File: BF085062.D
Acq: 13 Feb 2016 2:03

Tgt Ion:112 Resp: 954556
Ion Ratio Lower Upper
112 100
64 59.0 45.4 68.2
63 30.1 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: 129.89 ng

RT: 5.44 min Scan# 337

Delta R.T. -0.00 min

Lab File: BF085062.D

Acq: 13 Feb 2016 2:03

Instrument :

BNA_F

ClientSampleId :

S4-B002(10-12)

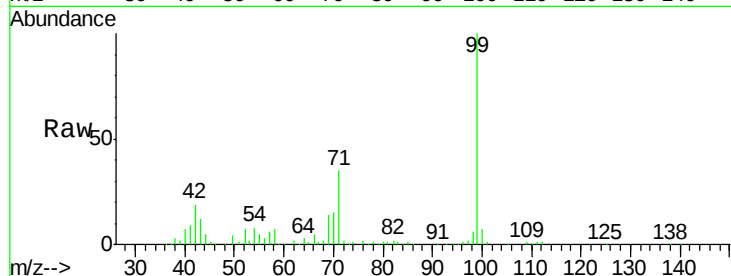
Tot Ion: 99 Resp: 1393742

Ion Ratio Lower Upper

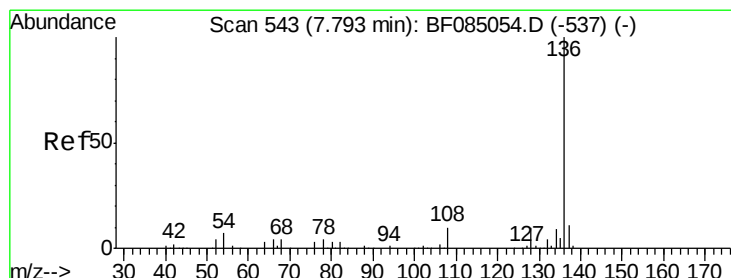
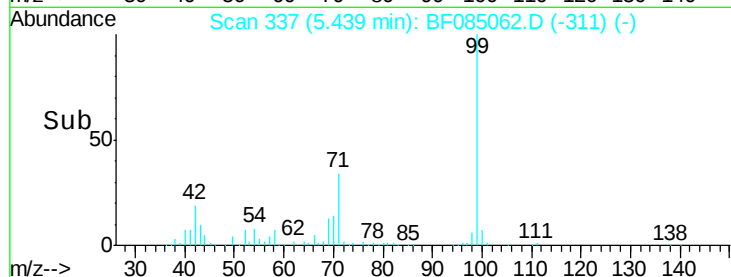
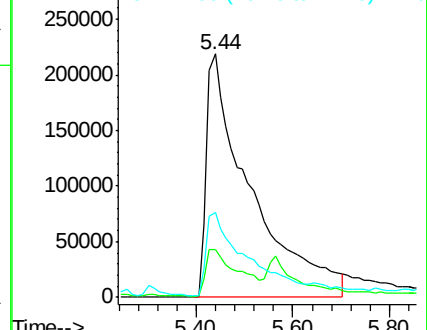
99 100

42 19.5 17.0 25.4

71 34.9 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: 7.78 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF085062.D

Acq: 13 Feb 2016 2:03

Tgt Ion: 136 Resp: 628661

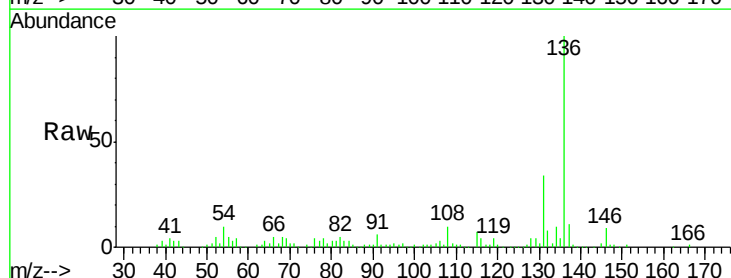
Ion Ratio Lower Upper

136 100

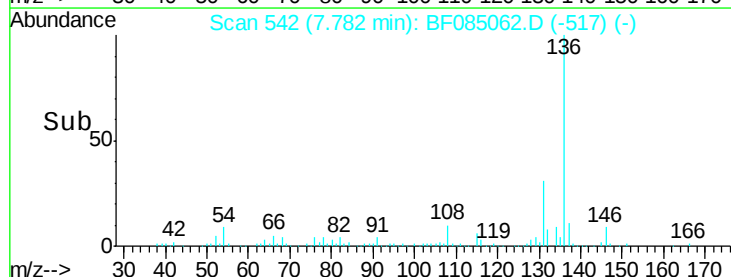
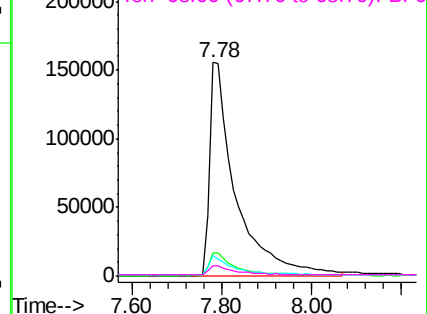
137 11.0 8.9 13.3

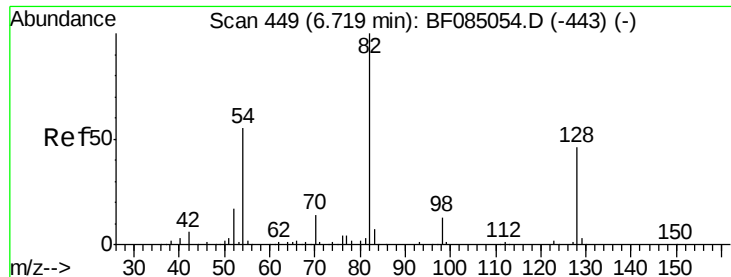
54 9.9 6.1 9.1#

68 4.9 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

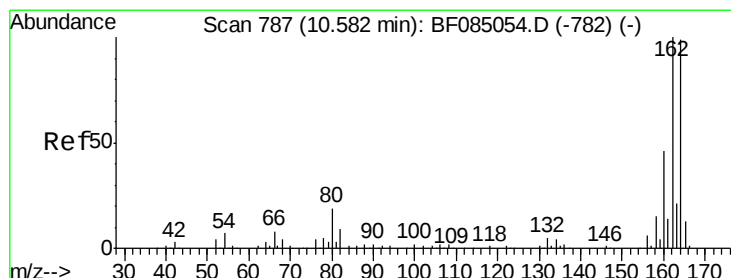
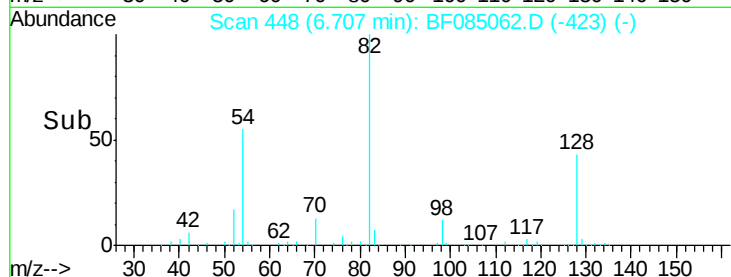
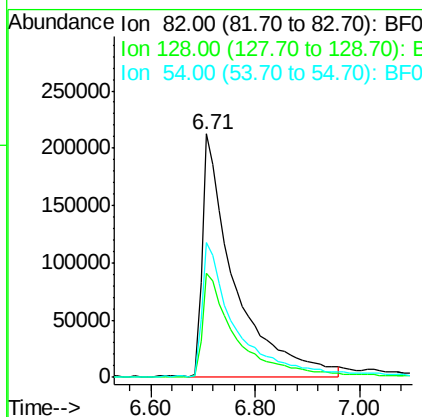
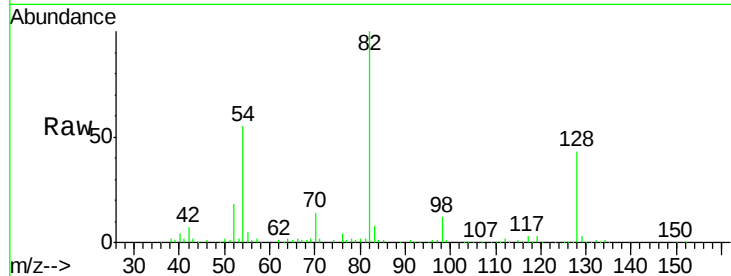




#23
Nitrobenzene-d5
Concen: 84.88 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF085062.D
Acq: 13 Feb 2016 2:03

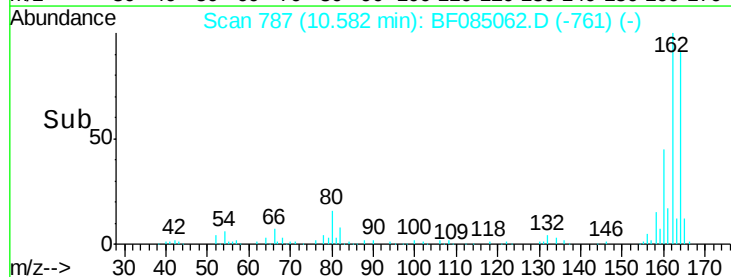
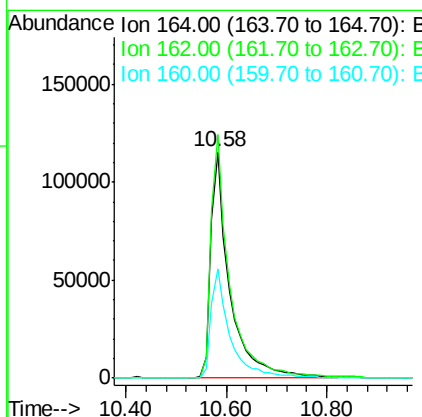
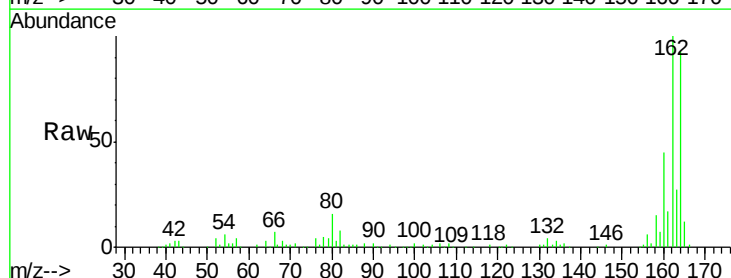
Instrument :
BNA_F
ClientSampleId :
S4-B002(10-12)

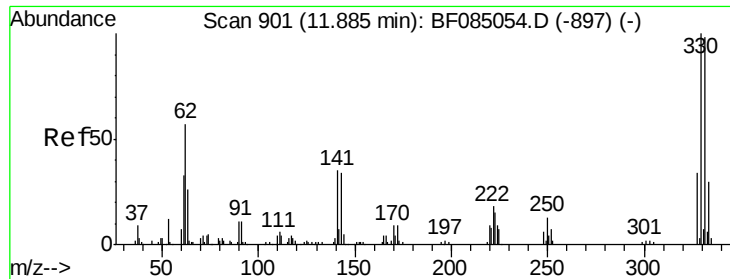
Tot Ion	82	Resp	903592
Ion Ratio	Lower	Upper	
82	100		
128	42.7	36.8	55.2
54	55.4	44.4	66.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.58 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF085062.D
Acq: 13 Feb 2016 2:03

Tgt Ion	164	Resp	303960
Ion Ratio	Lower	Upper	
164	100		
162	107.9	81.1	121.7
160	48.4	37.4	56.0

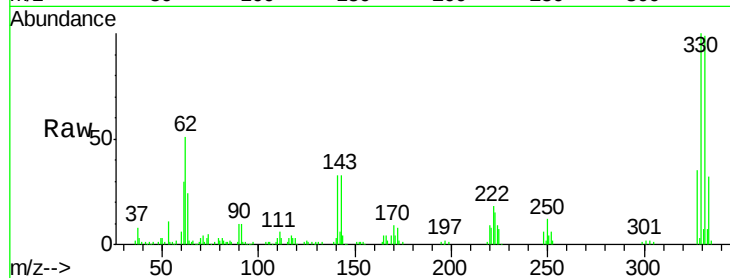




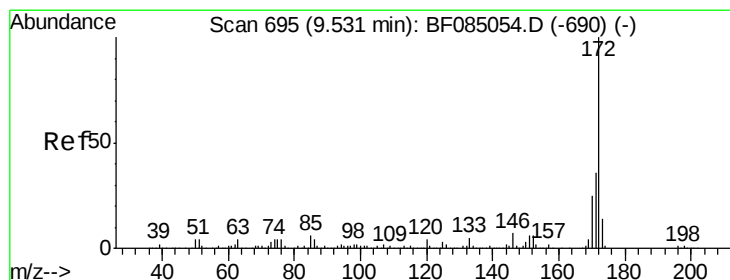
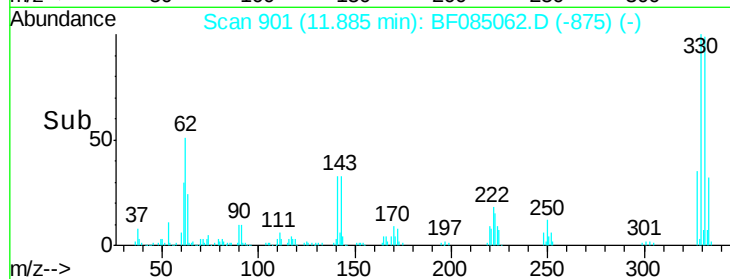
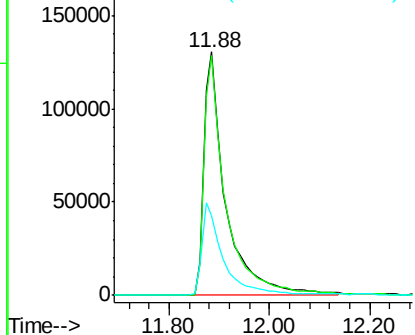
#41
 2,4,6-Tribromophenol
 Concen: 124.35 ng
 RT: 11.88 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BF085062.D
 Acq: 13 Feb 2016 2:03

Instrument :
 BNA_F
 ClientSampleId :
 S4-B002(10-12)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.5	117.7
141	38.1	28.6	42.8

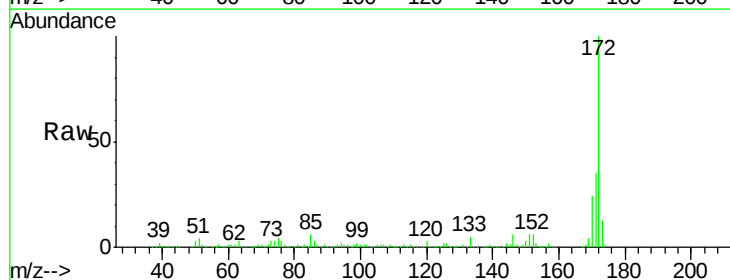


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

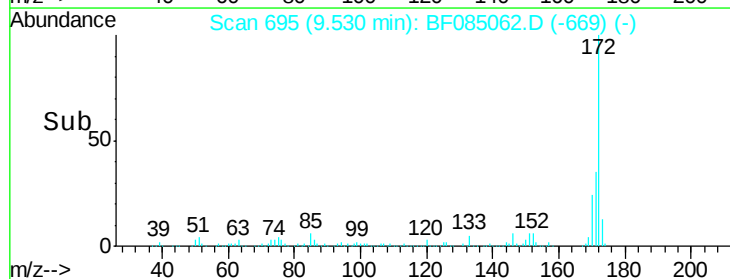
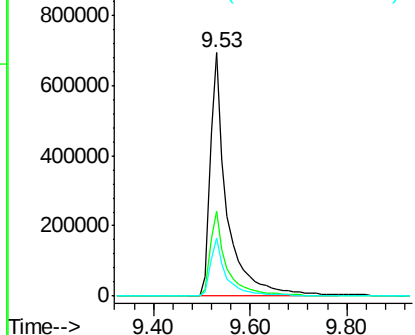


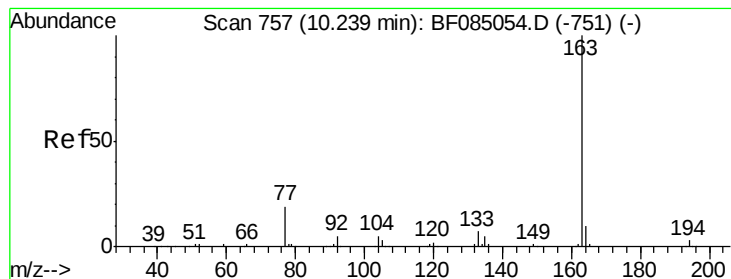
#44
 2-Fluorobiphenyl
 Concen: 79.14 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF085062.D
 Acq: 13 Feb 2016 2:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	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: 12.36 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF085062.D

Acq: 13 Feb 2016 2:03

Instrument :

BNA_F

ClientSampleId :

S4-B002(10-12)

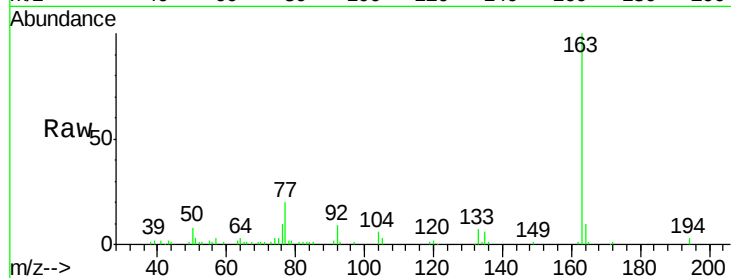
Tot Ion:163 Resp: 281578

Ion Ratio Lower Upper

163 100

194 2.8 2.5 3.7

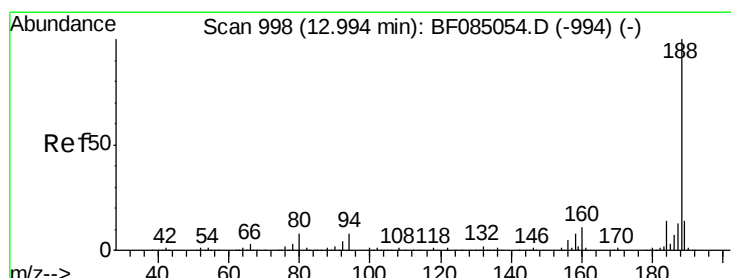
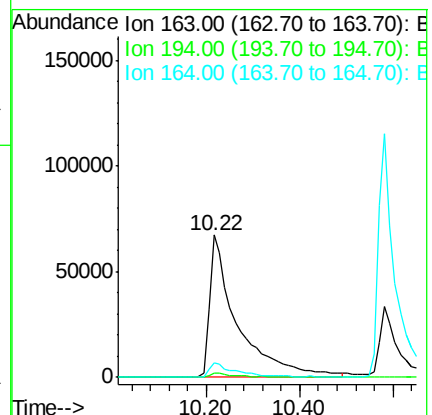
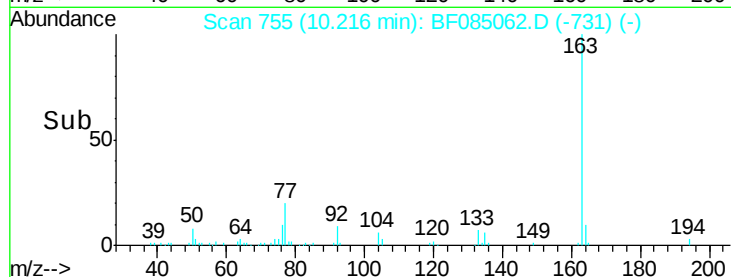
164 10.1 7.8 11.8



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: BF085062.D

Acq: 13 Feb 2016 2:03

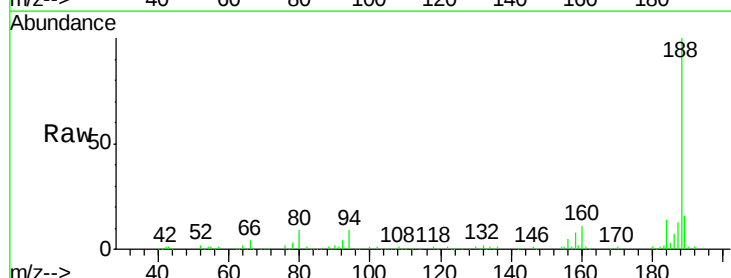
Tgt Ion:188 Resp: 578943

Ion Ratio Lower Upper

188 100

94 8.6 6.2 9.2

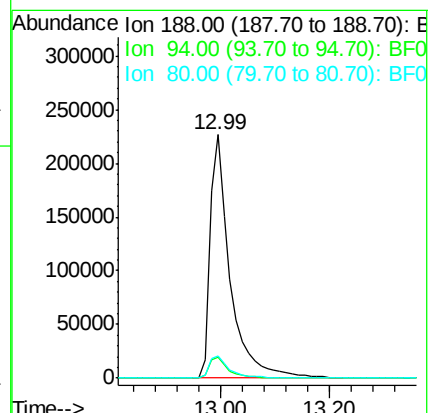
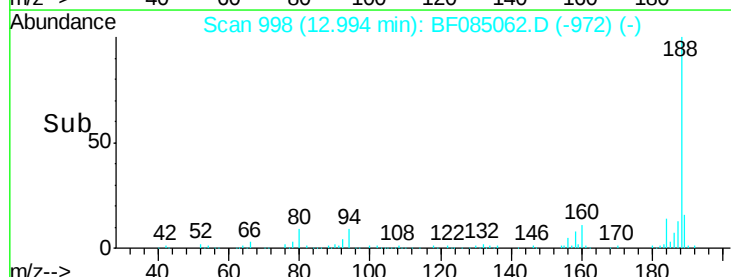
80 8.9 6.6 9.8

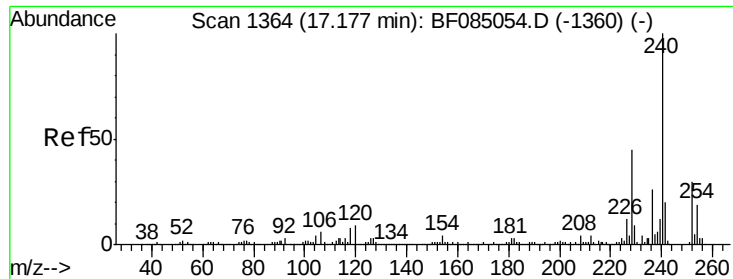


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF085062.D

Acq: 13 Feb 2016 2:03

Instrument :

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ClientSampleId :

S4-B002(10-12)

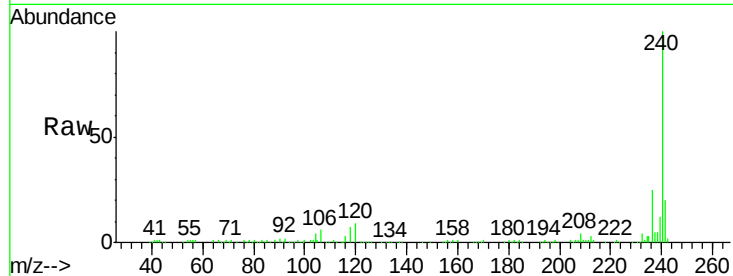
Tot Ion:240 Resp: 435498

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

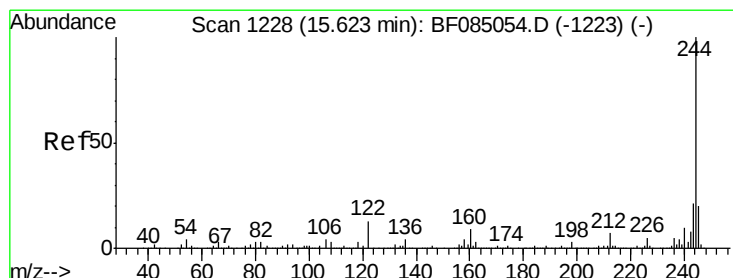
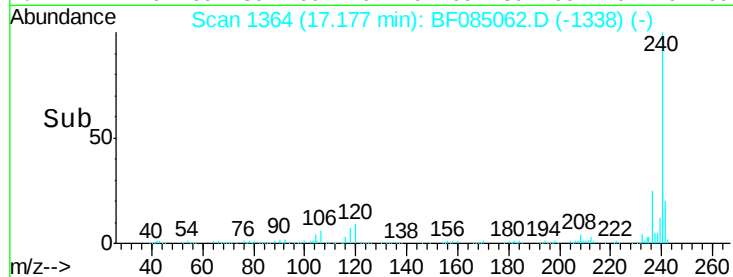
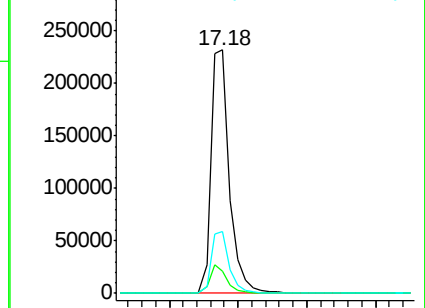
236 25.3 20.5 30.7



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: 73.93 ng

RT: 15.62 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF085062.D

Acq: 13 Feb 2016 2:03

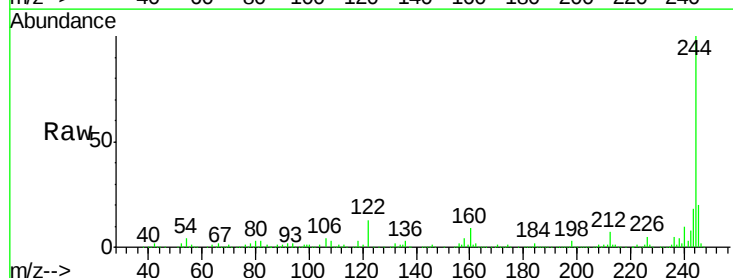
Tgt Ion:244 Resp: 1564386

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

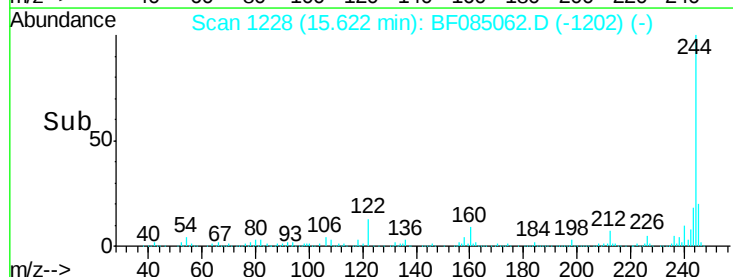
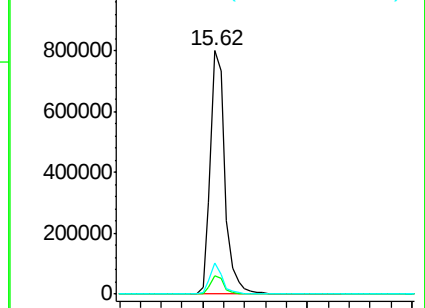
122 12.6 10.1 15.1

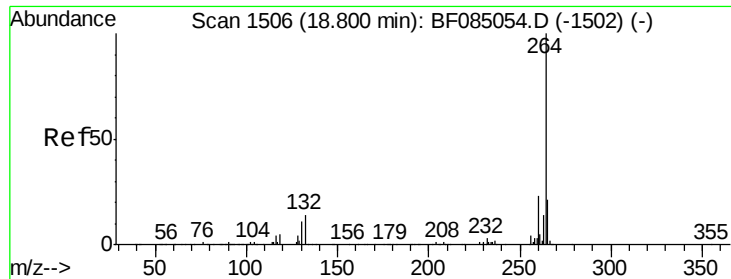


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF085062.D
Acq: 13 Feb 2016 2:03

Instrument :
BNA_F
ClientSampleId :
S4-B002(10-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.3	16.7	25.1

