

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085579.D
 Acq On : 19 Mar 2016 18:09
 Operator : UM/SJ
 Sample : H1788-02
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-9)

Quant Time: Mar 21 02:26:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

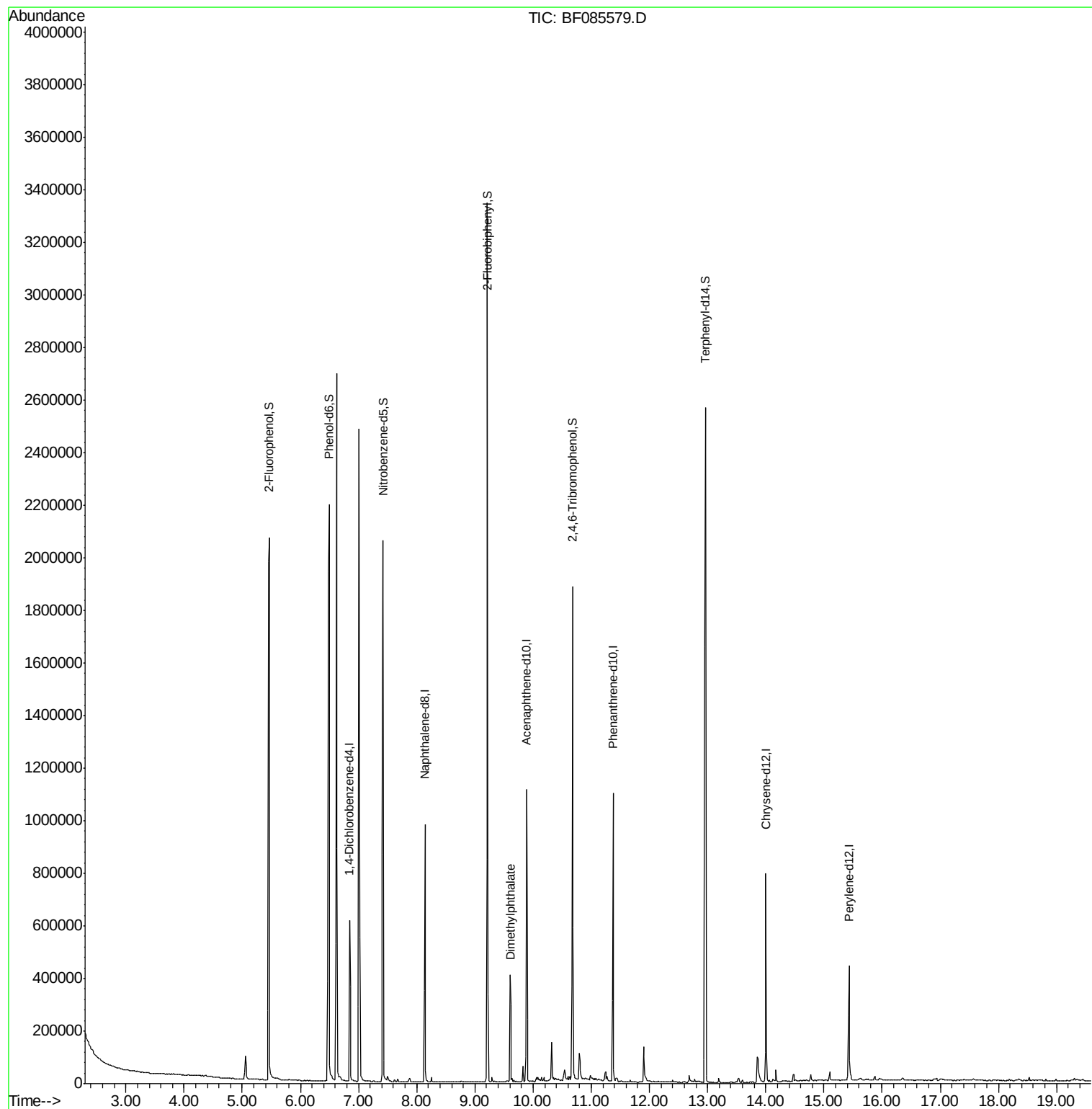
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	117387	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	487747	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	212734	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	403033	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	253984	20.00	ng	-0.01
86) Perylene-d12	15.43	264	200359	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	967413	138.42	ng	0.01
7) Phenol-d6	6.49	99	1262832	140.89	ng	0.00
23) Nitrobenzene-d5	7.42	82	757541	90.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	253848	121.82	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1050870	84.02	ng	-0.01
78) Terphenyl-d14	12.96	244	1017238	96.38	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	220753	13.75	ng	Qvalue 97

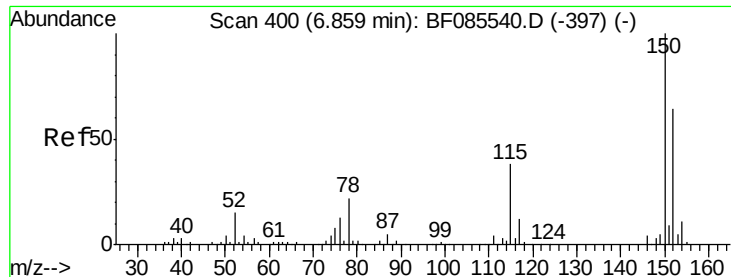
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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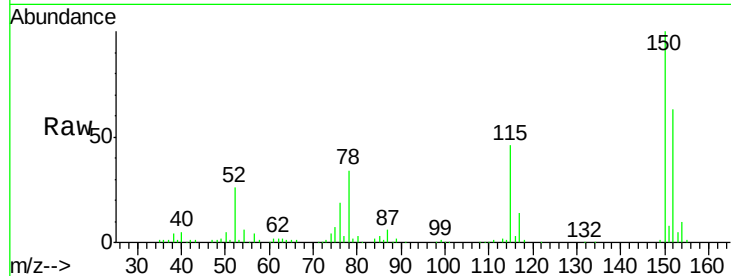


#1

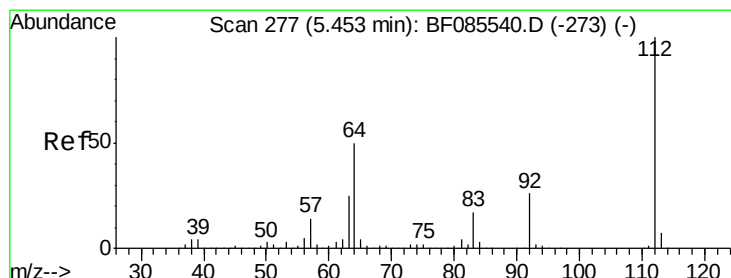
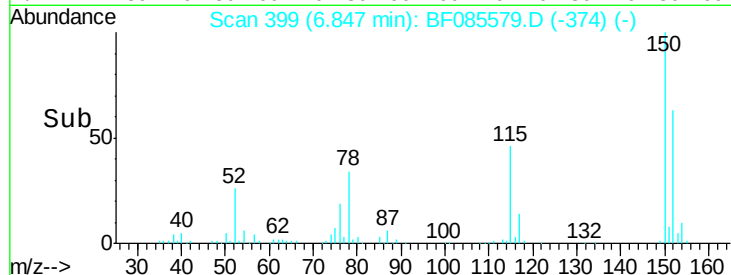
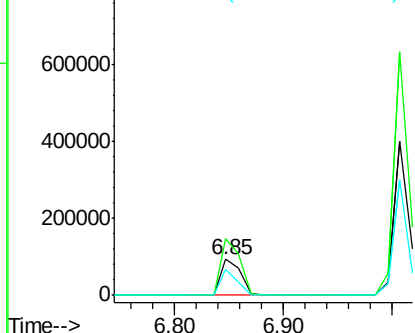
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085579.D
Acq: 19 Mar 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SB-2(8-9)

Tgt Ion:152 Resp: 117387
Ion Ratio Lower Upper
152 100
150 158.1 124.2 186.2
115 72.5 47.0 70.6#



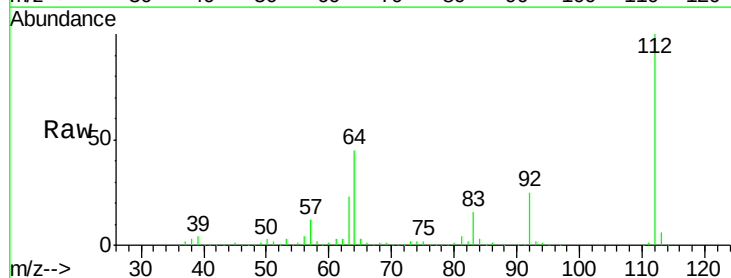
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



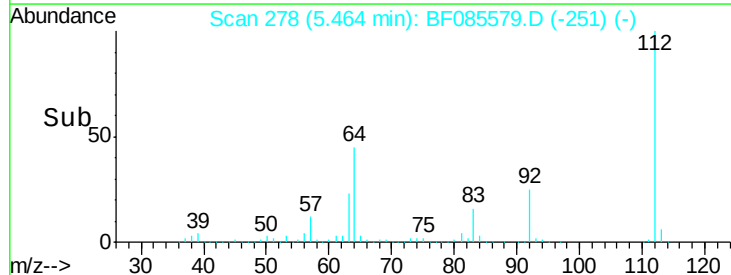
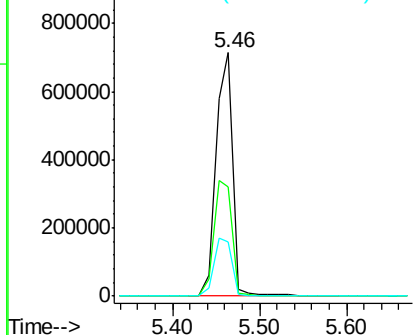
#5

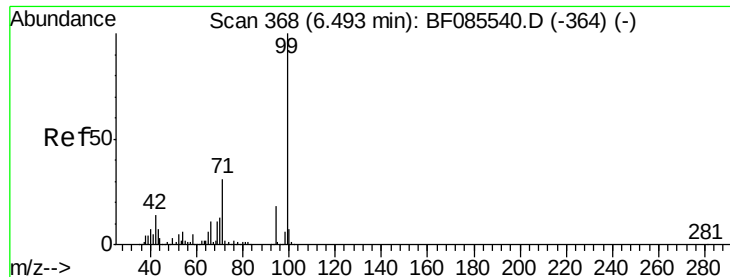
2-Fluorophenol
Concen: 138.42 ng
RT: 5.46 min Scan# 278
Delta R.T. 0.01 min
Lab File: BF085579.D
Acq: 19 Mar 2016 18:09

Tgt Ion:112 Resp: 967413
Ion Ratio Lower Upper
112 100
64 45.0 39.9 59.9
63 22.5 20.2 30.2



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: 140.89 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085579.D

Acq: 19 Mar 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SB-2(8-9)

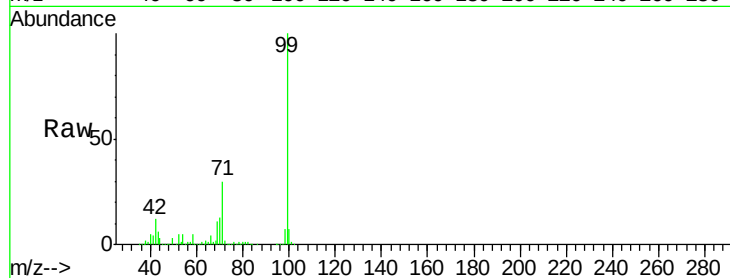
Tgt Ion: 99 Resp: 1262832

Ion Ratio Lower Upper

99 100

42 12.3 11.1 16.7

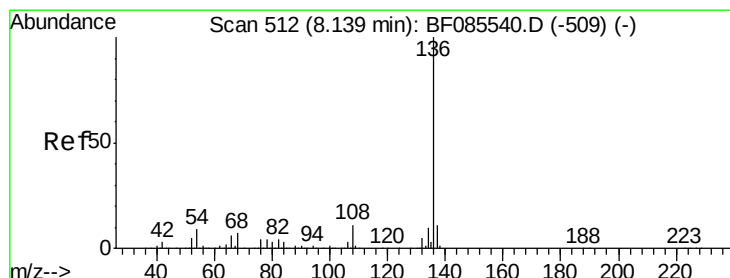
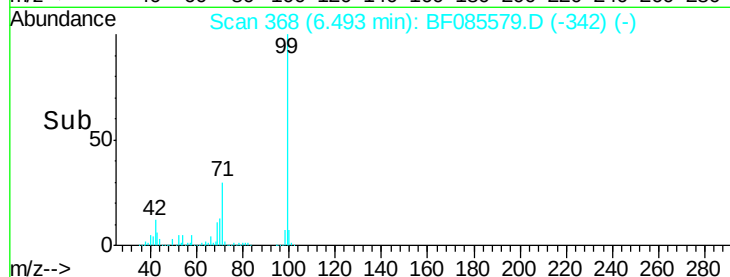
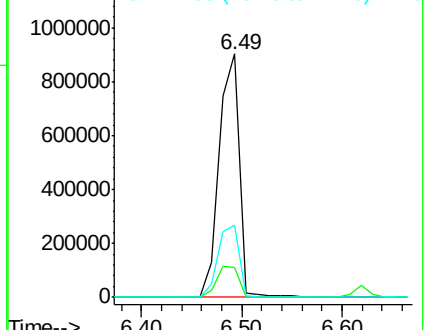
71 29.7 24.9 37.3



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: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085579.D

Acq: 19 Mar 2016 18:09

Tgt Ion: 136 Resp: 487747

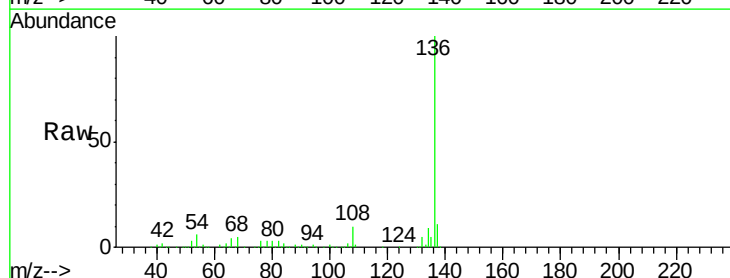
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.7 7.4 11.0#

68 4.8 5.8 8.8#

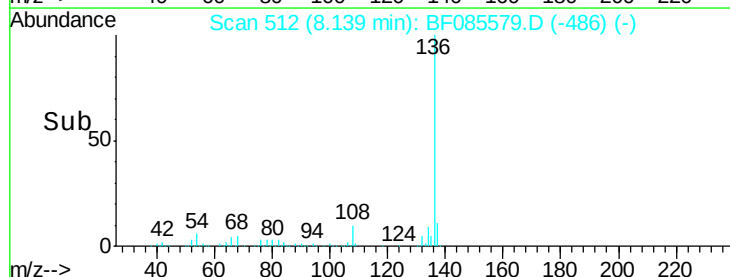
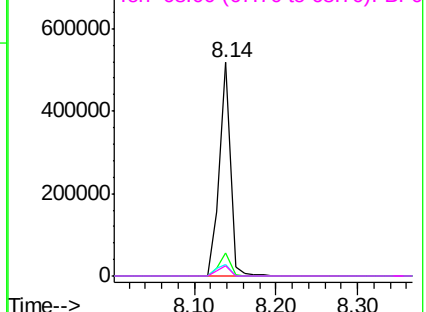


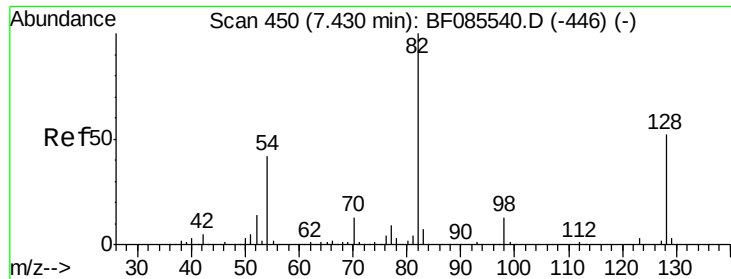
Abundance Ion 136.00 (135.70 to 136.70): E

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

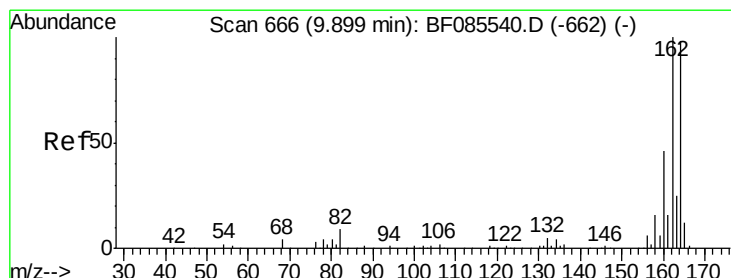
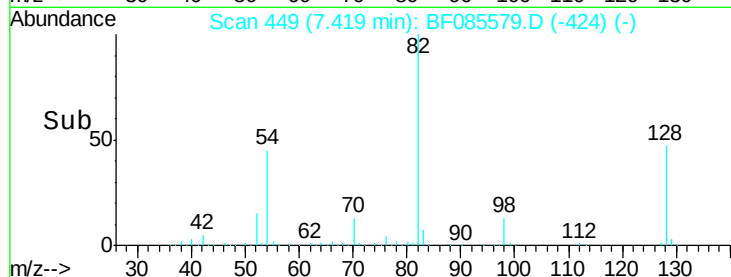
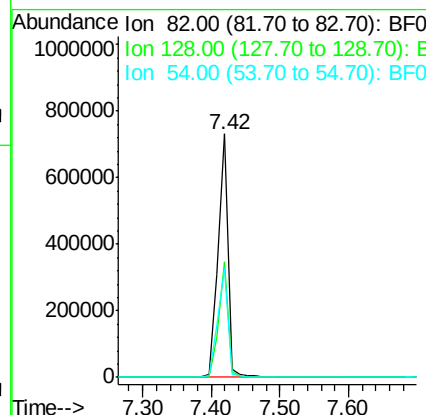
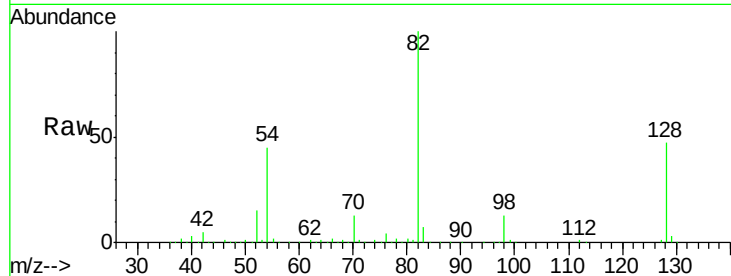




#23
Nitrobenzene-d5
Concen: 90.15 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085579.D
Acq: 19 Mar 2016 18:09

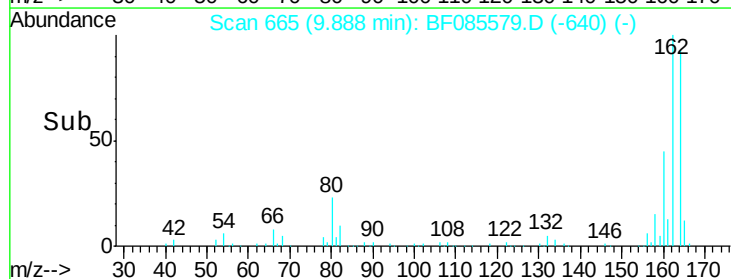
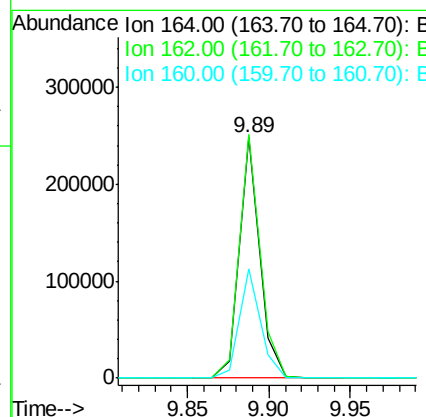
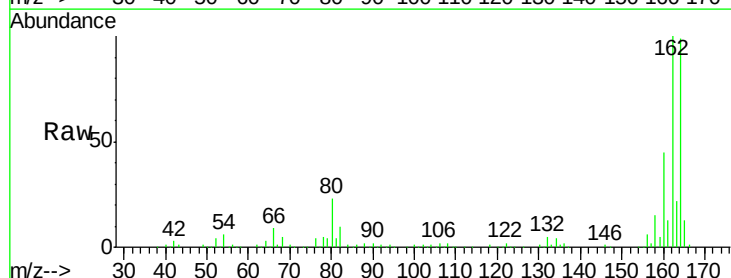
Instrument :
BNA_F
ClientSampleId :
SB-2(8-9)

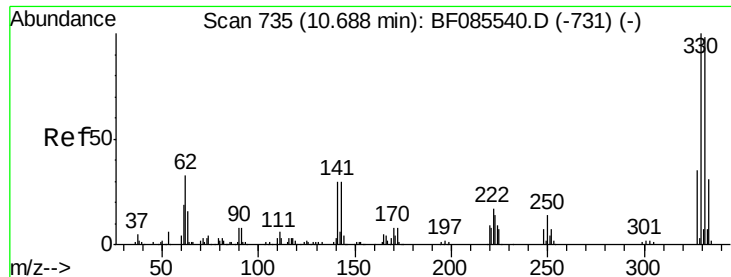
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.3	41.8	62.8
54	45.1	33.4	50.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF085579.D
Acq: 19 Mar 2016 18:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.1	123.1
160	45.6	37.4	56.2

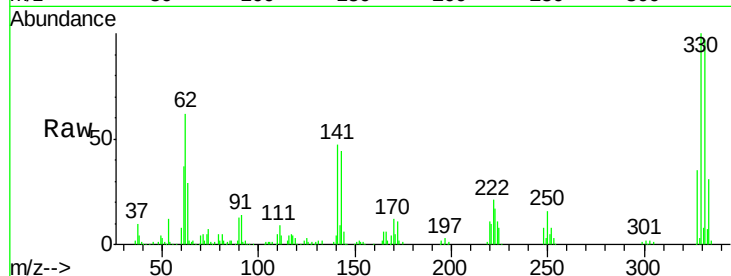




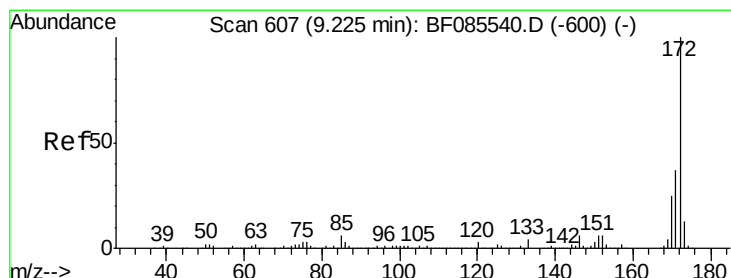
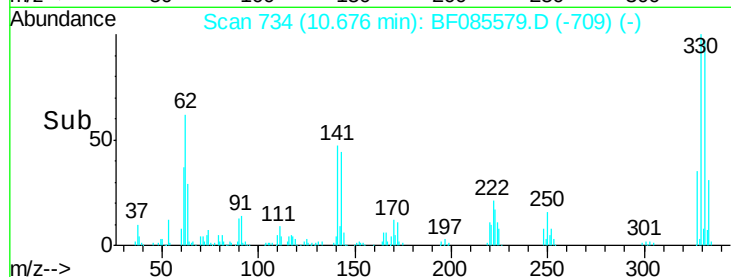
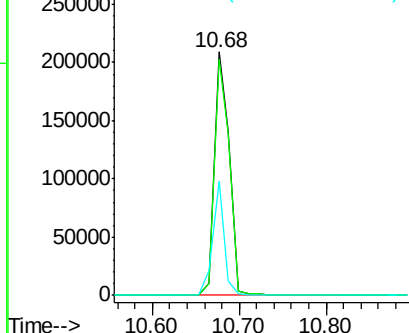
#41
 2,4,6-Tribromophenol
 Concen: 121.82 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085579.D
 Acq: 19 Mar 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-9)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.2	117.2
141	36.4	31.5	47.3

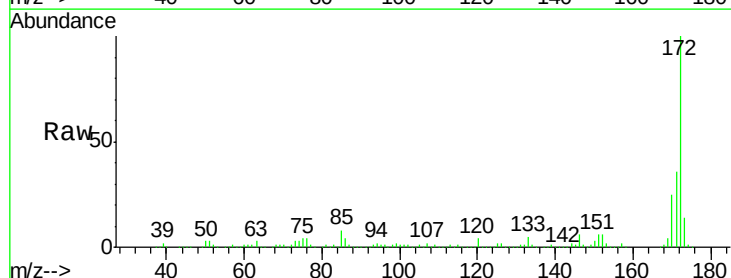


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

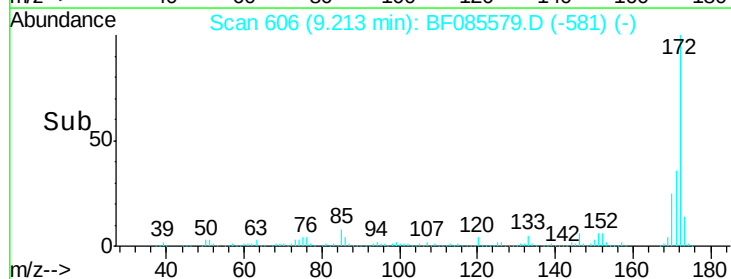
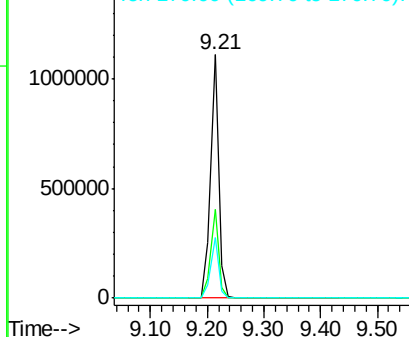


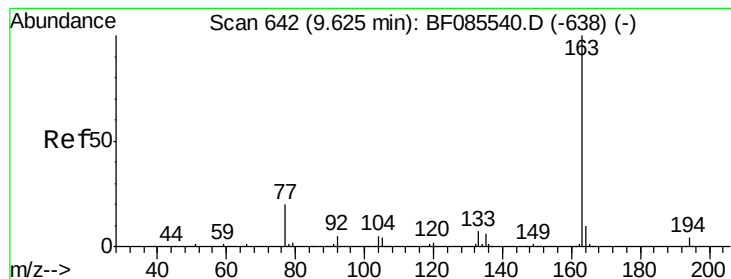
#44
 2-Fluorobiphenyl
 Concen: 84.02 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085579.D
 Acq: 19 Mar 2016 18:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	24.7	19.8	29.6



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: 13.75 ng

RT: 9.61 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF085579.D

Acq: 19 Mar 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SB-2(8-9)

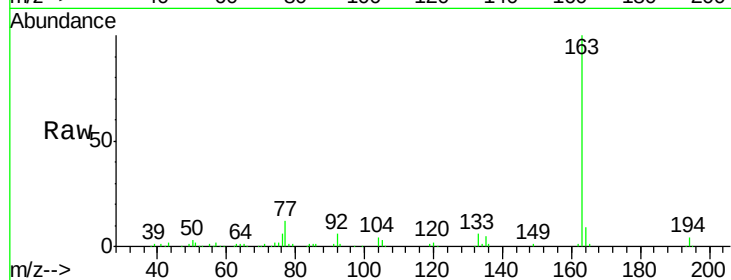
Tgt Ion:163 Resp: 220753

Ion Ratio Lower Upper

163 100

194 4.1 2.9 4.3

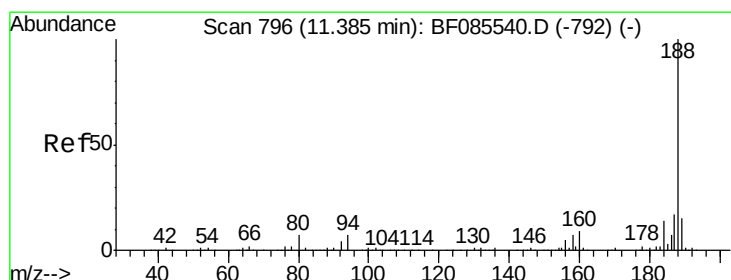
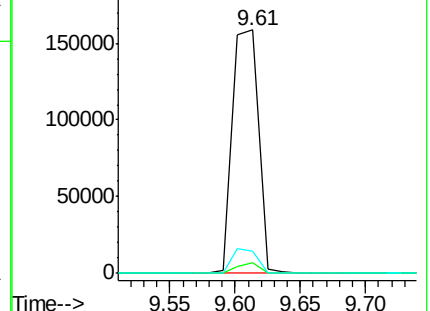
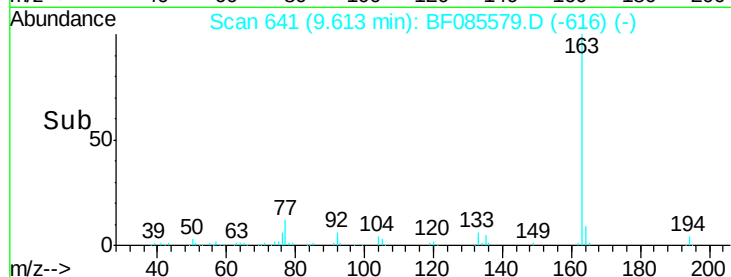
164 9.2 8.3 12.5



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: 11.37 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF085579.D

Acq: 19 Mar 2016 18:09

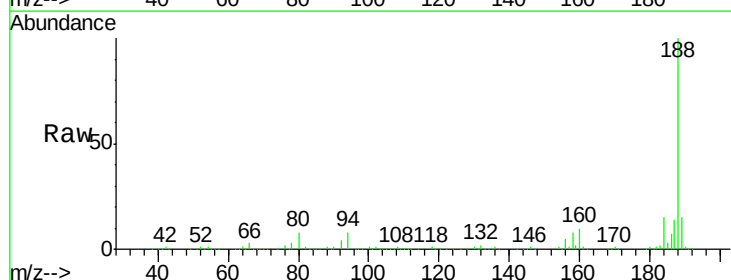
Tgt Ion:188 Resp: 403033

Ion Ratio Lower Upper

188 100

94 8.1 5.4 8.0#

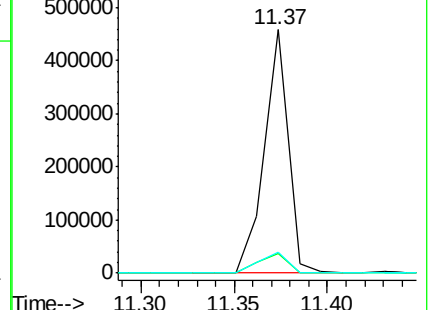
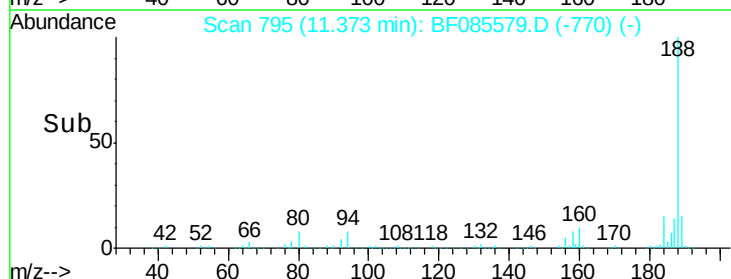
80 8.4 5.5 8.3#

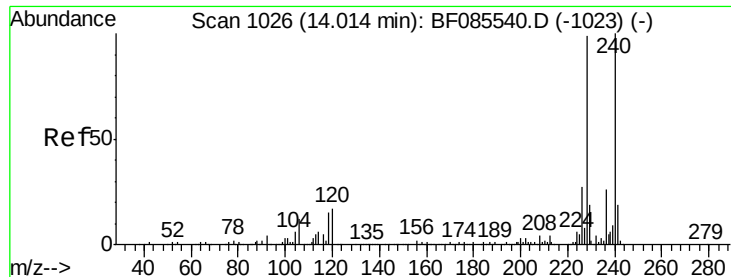


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085579.D

Acq: 19 Mar 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SB-2(8-9)

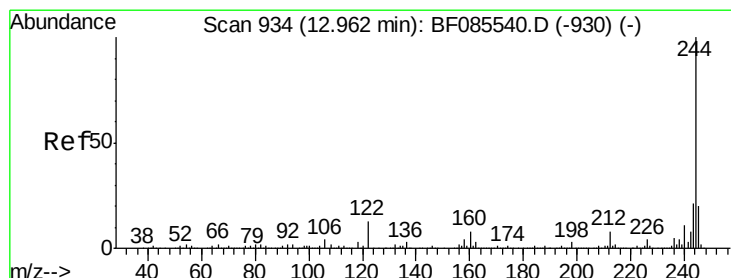
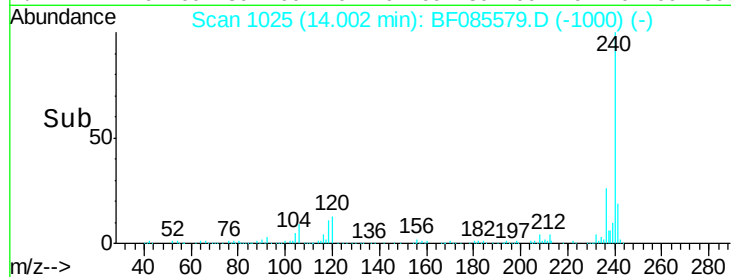
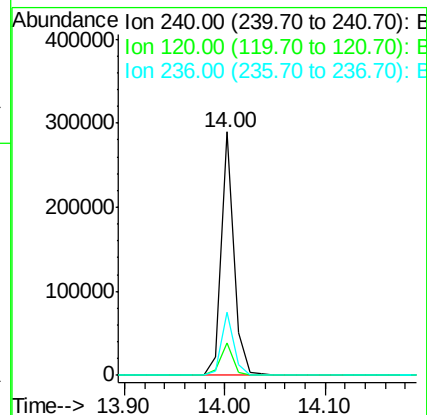
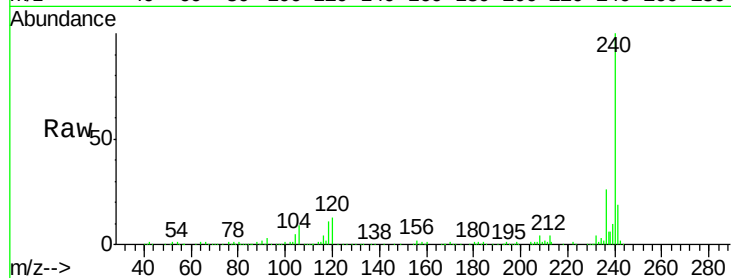
Tgt Ion:240 Resp: 253984

Ion Ratio Lower Upper

240 100

120 13.2 13.8 20.8#

236 25.9 20.6 30.8



#78

Terphenyl-d14

Concen: 96.38 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085579.D

Acq: 19 Mar 2016 18:09

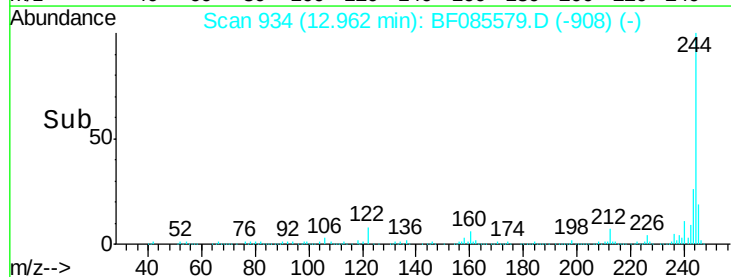
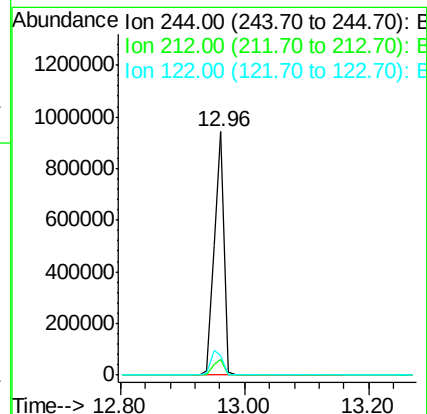
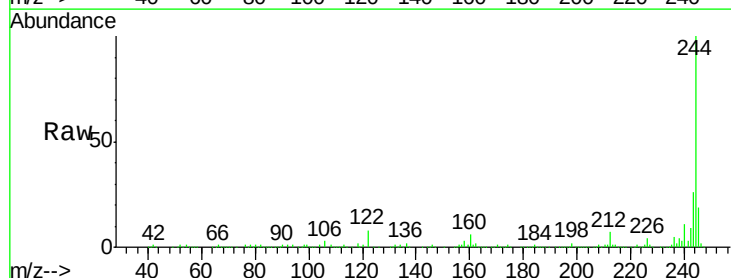
Tgt Ion:244 Resp: 1017238

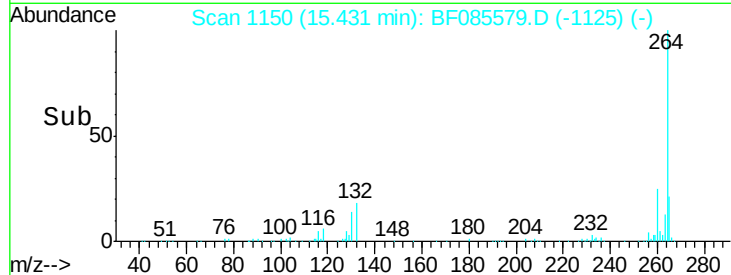
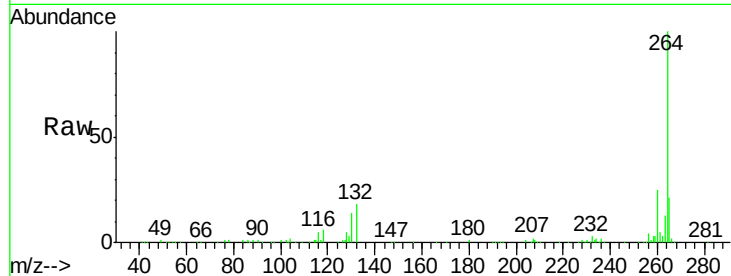
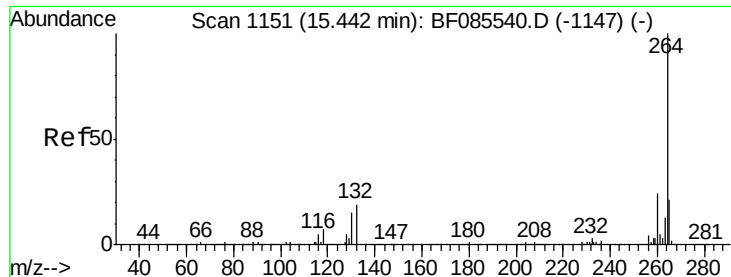
Ion Ratio Lower Upper

244 100

212 6.6 6.1 9.1

122 8.1 10.2 15.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF085579.D
Acq: 19 Mar 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SB-2(8-9)

Tgt Ion:	264	Resp:	200359
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.4	29.2
265	21.3	17.2	25.8

