

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085567.D
 Acq On : 19 Mar 2016 11:14
 Operator : UM/SJ
 Sample : H1782-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Quant Time: Mar 21 01:53:44 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	128557	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	546627	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	237123	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	487203	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	362699	20.00	ng	-0.01
86) Perylene-d12	15.43	264	276807	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	402140	52.54	ng	0.00
7) Phenol-d6	6.47	99	355303	36.19	ng	-0.02
23) Nitrobenzene-d5	7.42	82	738468	78.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	178591	76.89	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1098908	77.26	ng	-0.01
78) Terphenyl-d14	12.96	244	1269702	84.24	ng	0.00

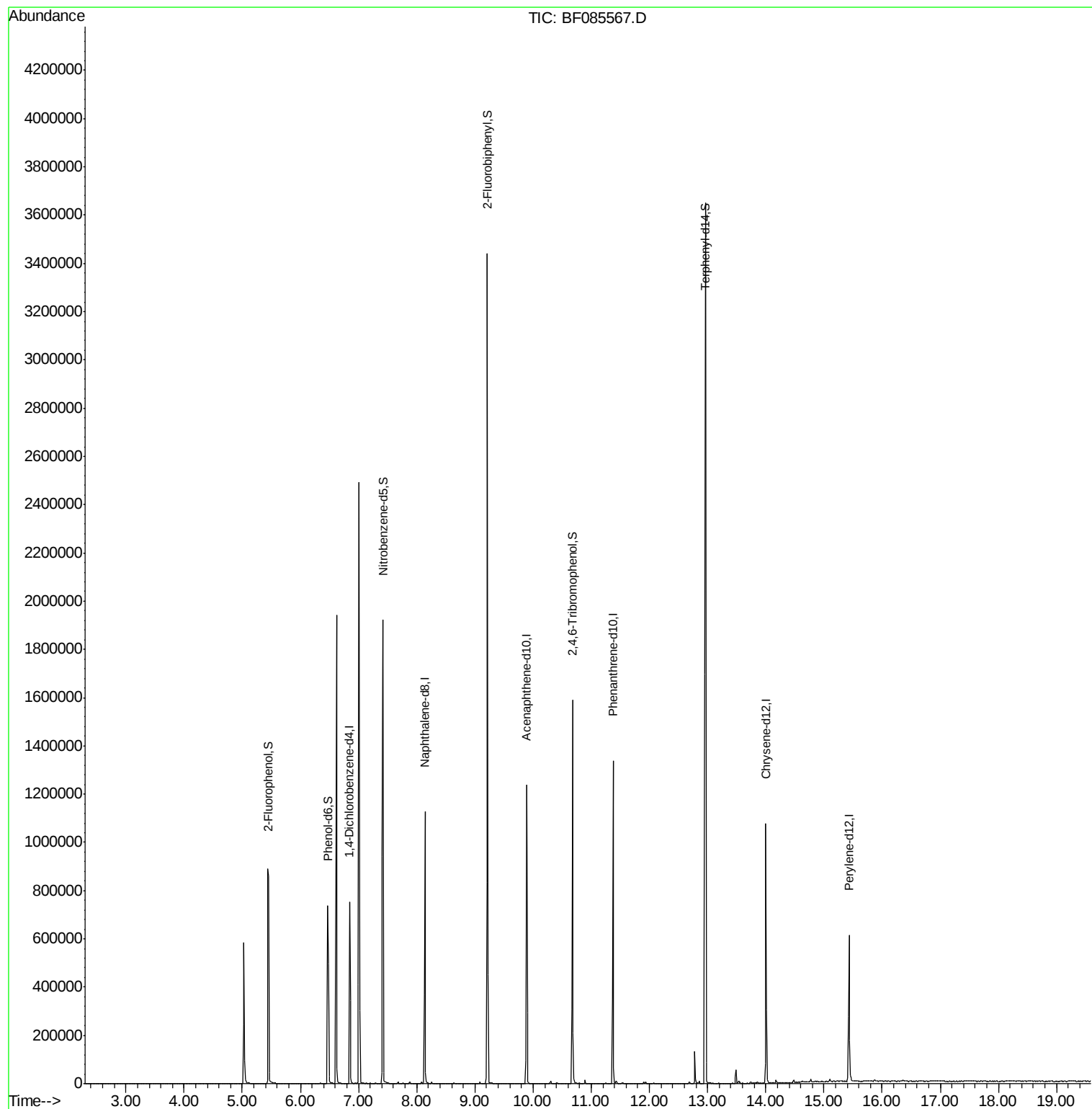
Target Compounds	Qvalue
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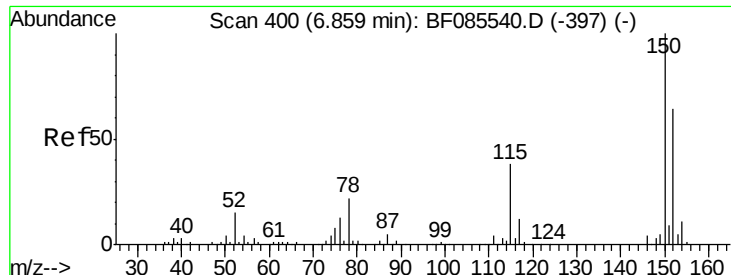
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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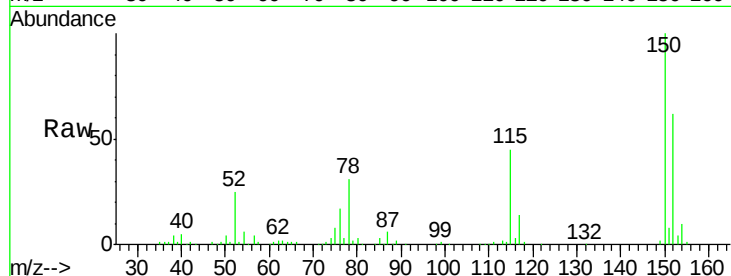


#1

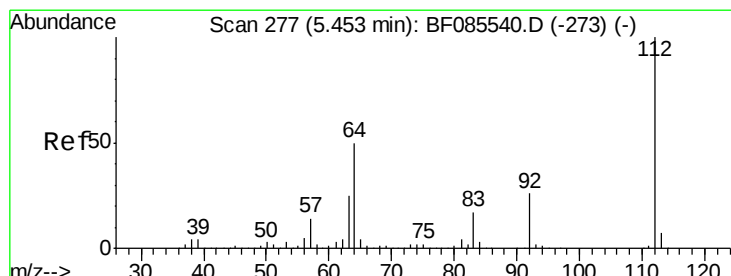
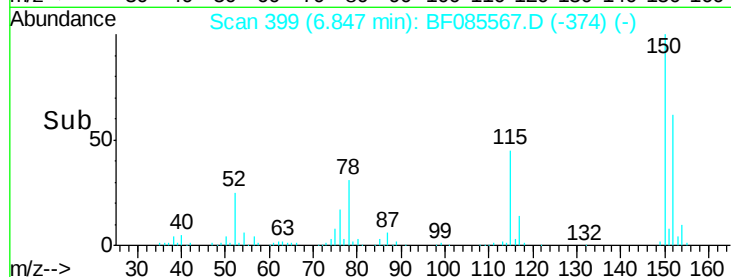
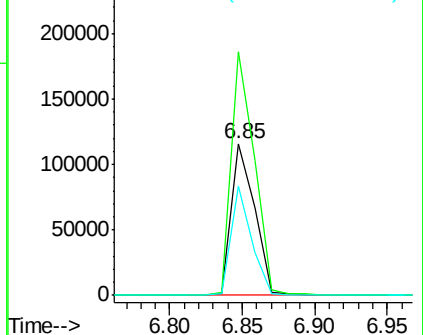
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BF085567.D
 Acq: 19 Mar 2016 11:14

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Tgt Ion:152 Resp: 128557
 Ion Ratio Lower Upper
 152 100
 150 160.6 124.2 186.2
 115 71.9 47.0 70.6#



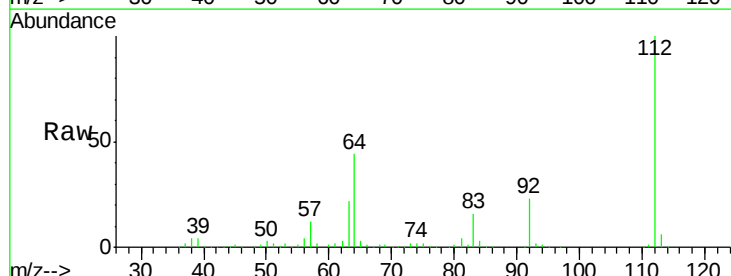
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



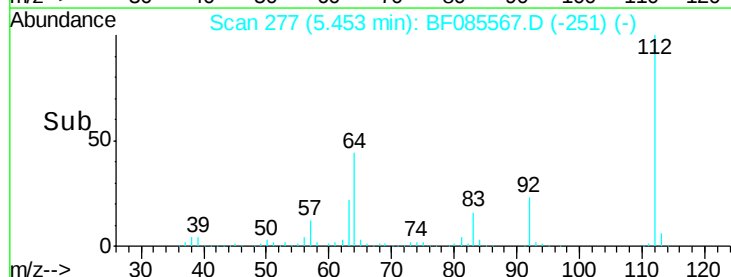
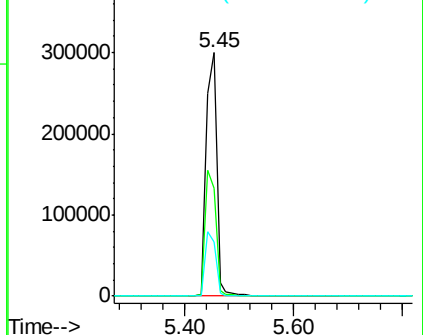
#5

2-Fluorophenol
 Concen: 52.54 ng
 RT: 5.45 min Scan# 277
 Delta R.T. 0.00 min
 Lab File: BF085567.D
 Acq: 19 Mar 2016 11:14

Tgt Ion:112 Resp: 402140
 Ion Ratio Lower Upper
 112 100
 64 44.3 39.9 59.9
 63 22.4 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: 36.19 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085567.D

Acq: 19 Mar 2016 11:14

Instrument :

BNA_F

ClientSampleId :

TW-2

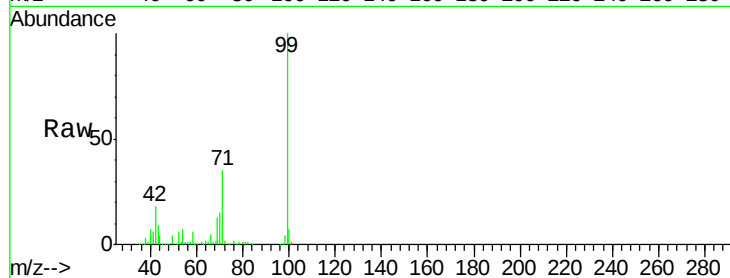
Tgt Ion: 99 Resp: 355303

Ion Ratio Lower Upper

99 100

42 17.8 11.1 16.7#

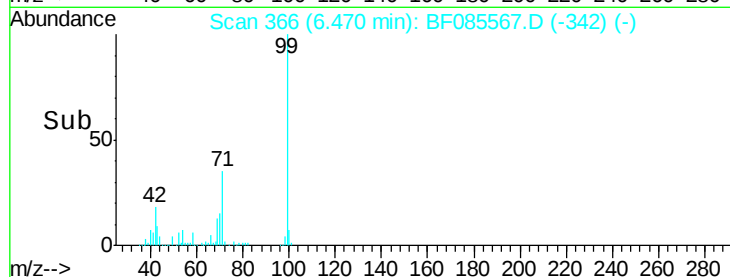
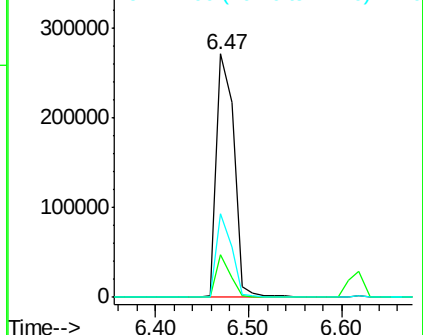
71 34.6 24.9 37.3



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: BF085567.D

Acq: 19 Mar 2016 11:14

Tgt Ion: 136 Resp: 546627

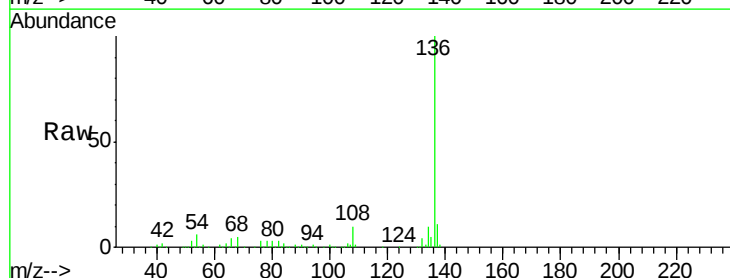
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.0 7.4 11.0#

68 5.2 5.8 8.8#

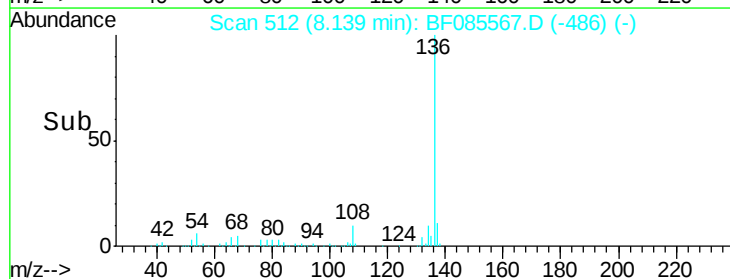
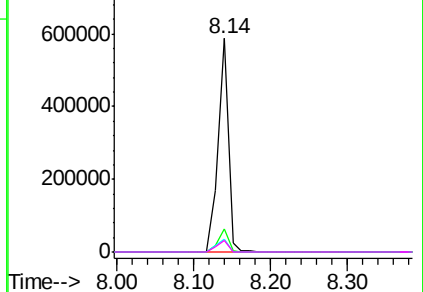


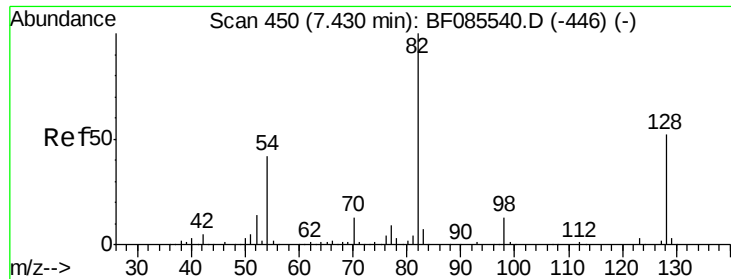
Abundance Ion 136.00 (135.70 to 136.70): E

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

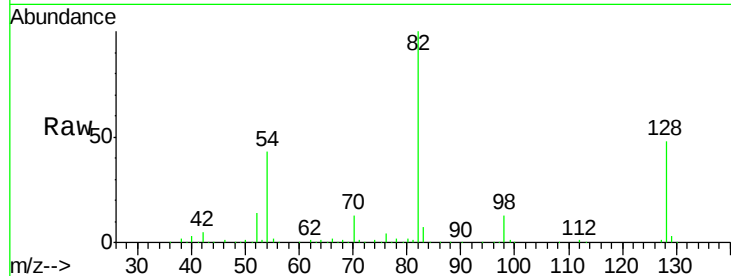




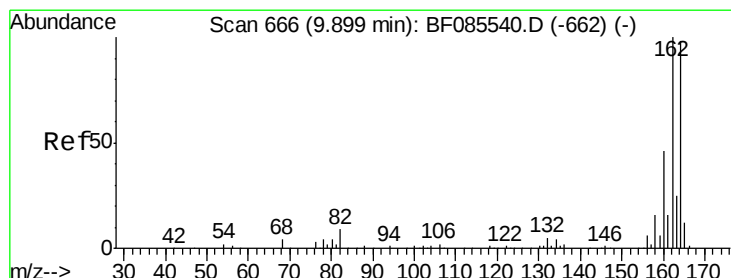
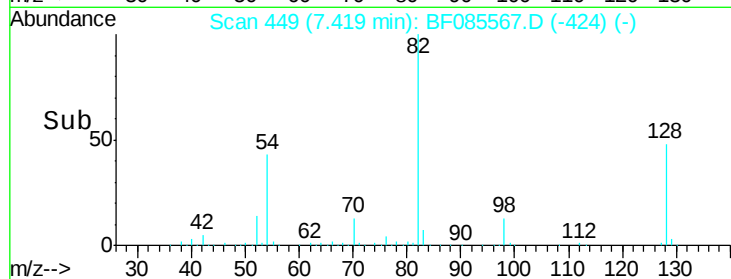
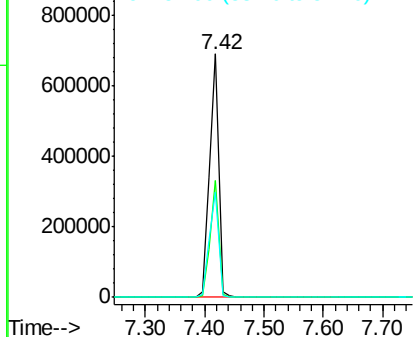
#23
 Nitrobenzene-d5
 Concen: 78.42 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085567.D
 Acq: 19 Mar 2016 11:14

Instrument :
 BNA_F
 ClientSampled :
 TW-2

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.2	41.8	62.8
54	43.3	33.4	50.0

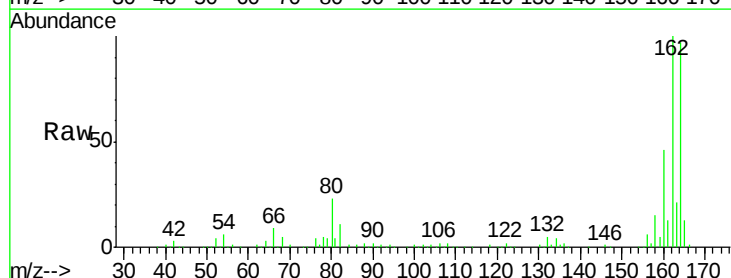


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

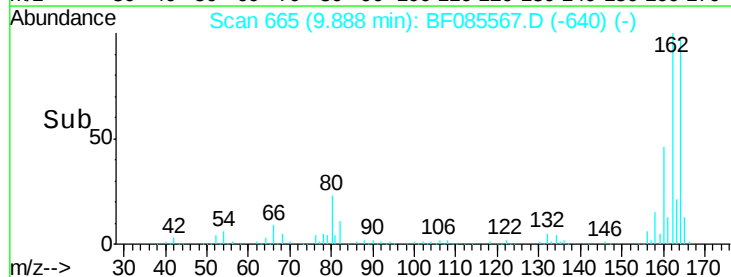
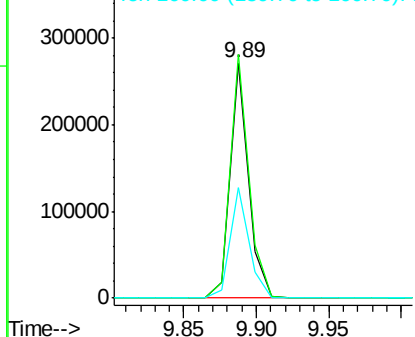


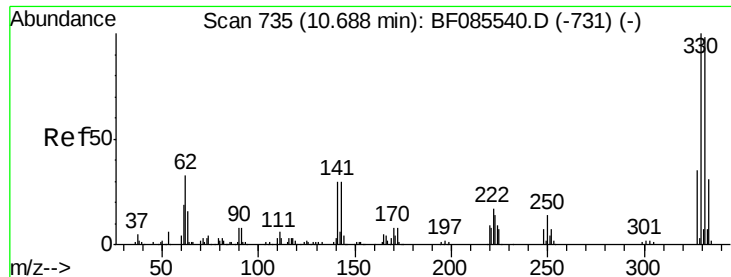
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085567.D
 Acq: 19 Mar 2016 11:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.1	123.1
160	47.2	37.4	56.2



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

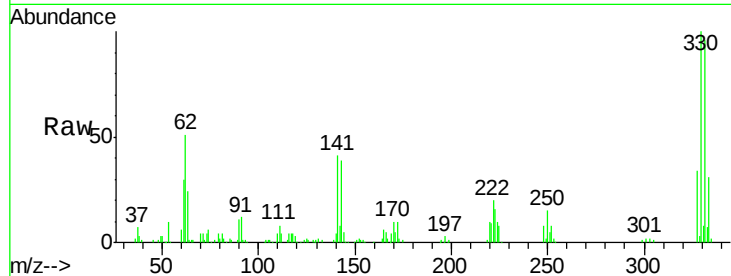




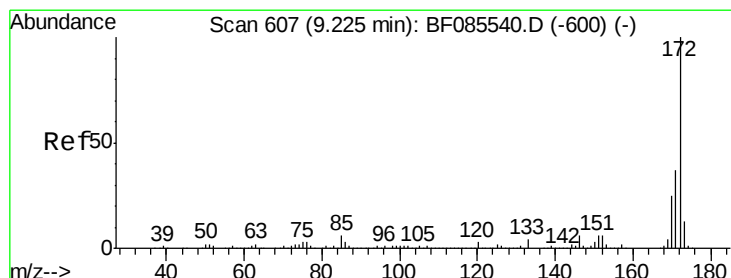
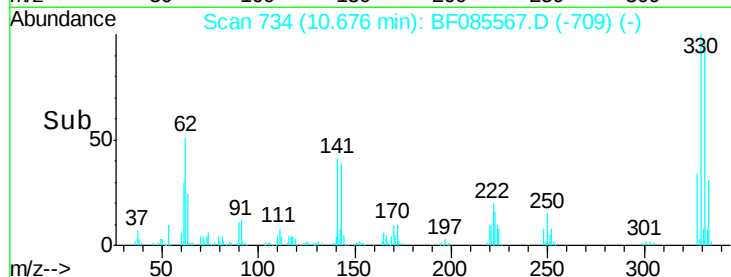
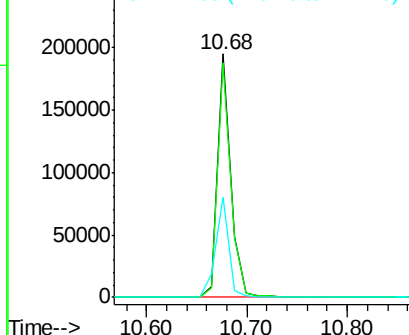
#41
 2,4,6-Tribromophenol
 Concen: 76.89 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085567.D
 Acq: 19 Mar 2016 11:14

Instrument :
 BNA_F
 ClientSampled :
 TW-2

Tgt Ion:330 Resp: 178591
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.2 117.2
 141 40.8 31.5 47.3

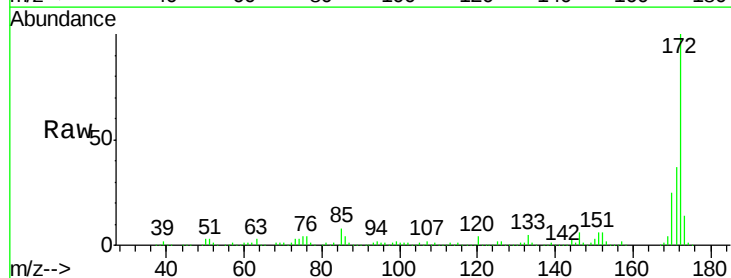


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

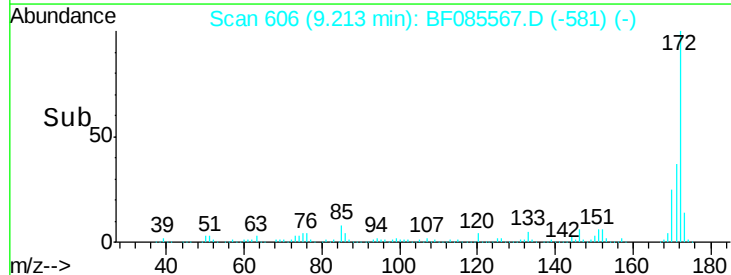
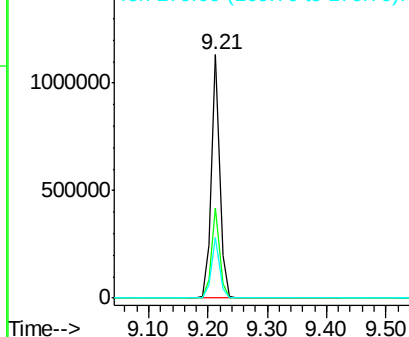


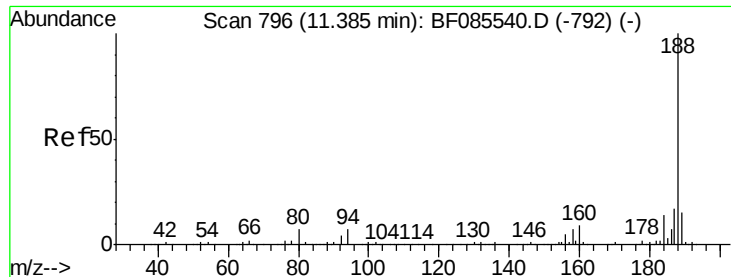
#44
 2-Fluorobiphenyl
 Concen: 77.26 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085567.D
 Acq: 19 Mar 2016 11:14

Tgt Ion:172 Resp: 1098908
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 25.0 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

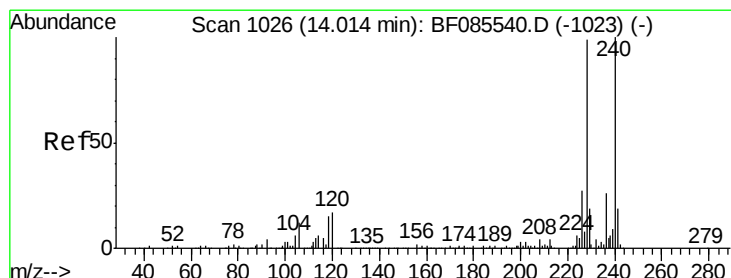
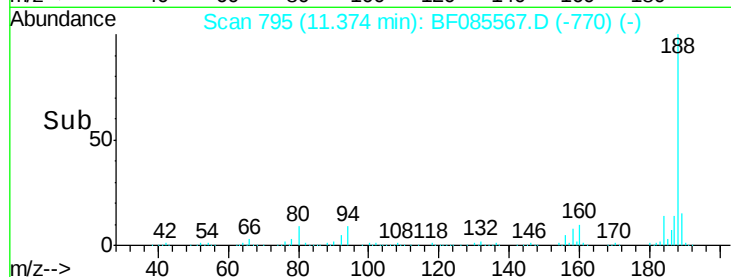
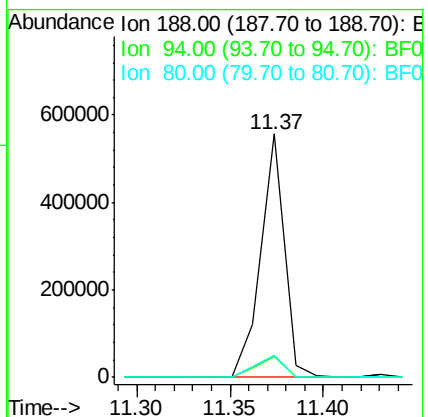
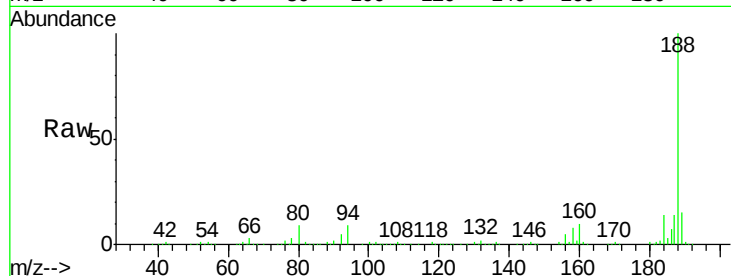




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085567.D
Acq: 19 Mar 2016 11:14

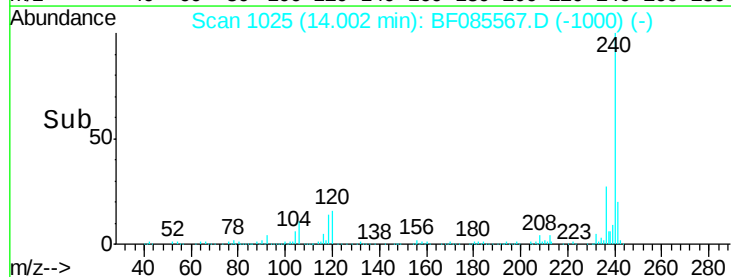
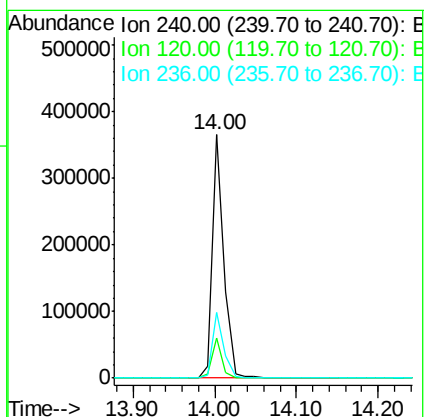
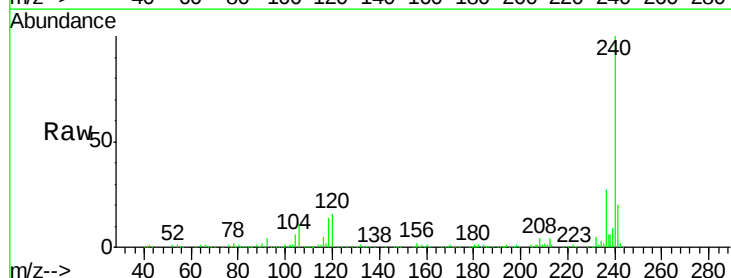
Instrument :
BNA_F
ClientSampleId :
TW-2

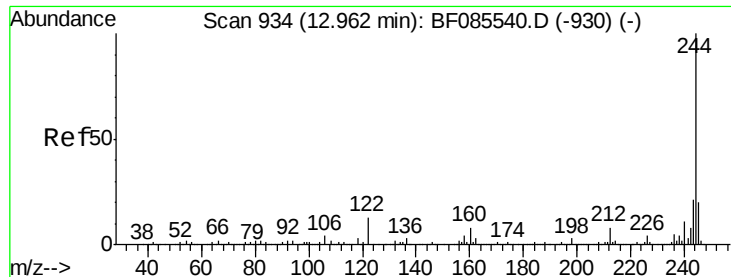
Tgt Ion:188 Resp: 487203
Ion Ratio Lower Upper
188 100
94 8.5 5.4 8.0#
80 8.9 5.5 8.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085567.D
Acq: 19 Mar 2016 11:14

Tgt Ion:240 Resp: 362699
Ion Ratio Lower Upper
240 100
120 16.2 13.8 20.8
236 26.7 20.6 30.8

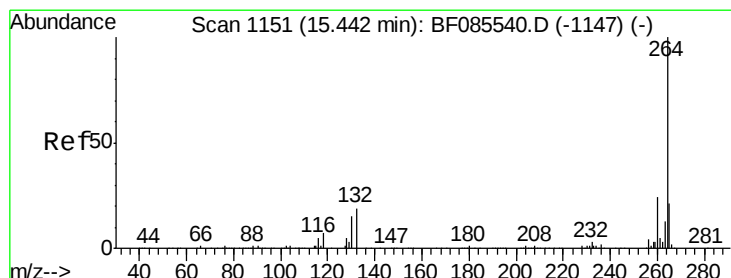
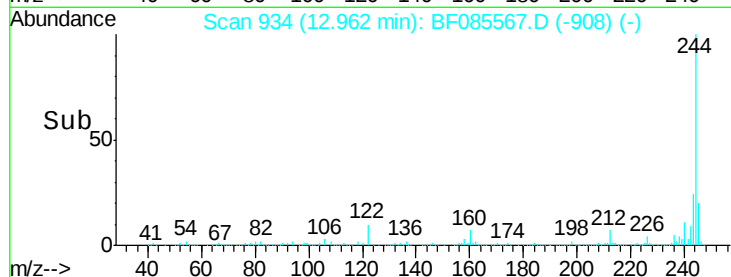
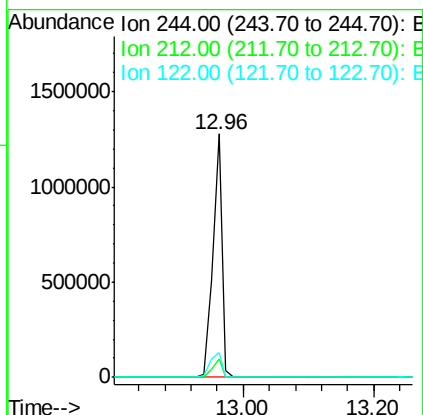
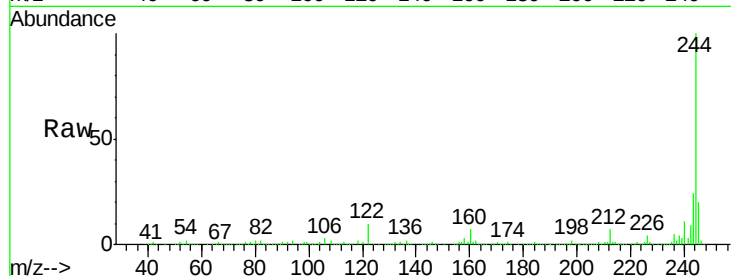




#78
 Terphenyl-d14
 Concen: 84.24 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085567.D
 Acq: 19 Mar 2016 11:14

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Tgt Ion:244 Resp: 1269702
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 10.0 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: BF085567.D
 Acq: 19 Mar 2016 11:14

Tgt Ion:264 Resp: 276807
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 21.4 17.2 25.8

