

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085599.D
 Acq On : 20 Mar 2016 5:44
 Operator : UM/SJ
 Sample : H1790-06
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8B-(10-20)

Quant Time: Mar 21 04:47:00 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	6.86	152	131483	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	555667	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	241605	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	458678	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	301693	20.00	ng	-0.01
86) Perylene-d12	15.43	264	268249	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	880513	112.48	ng	0.01
7) Phenol-d6	6.49	99	1235510	123.06	ng	0.00
23) Nitrobenzene-d5	7.42	82	801048	83.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	353577	149.40	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1268559	91.25	ng	-0.01
78) Terphenyl-d14	12.96	244	1256449	100.22	ng	0.00

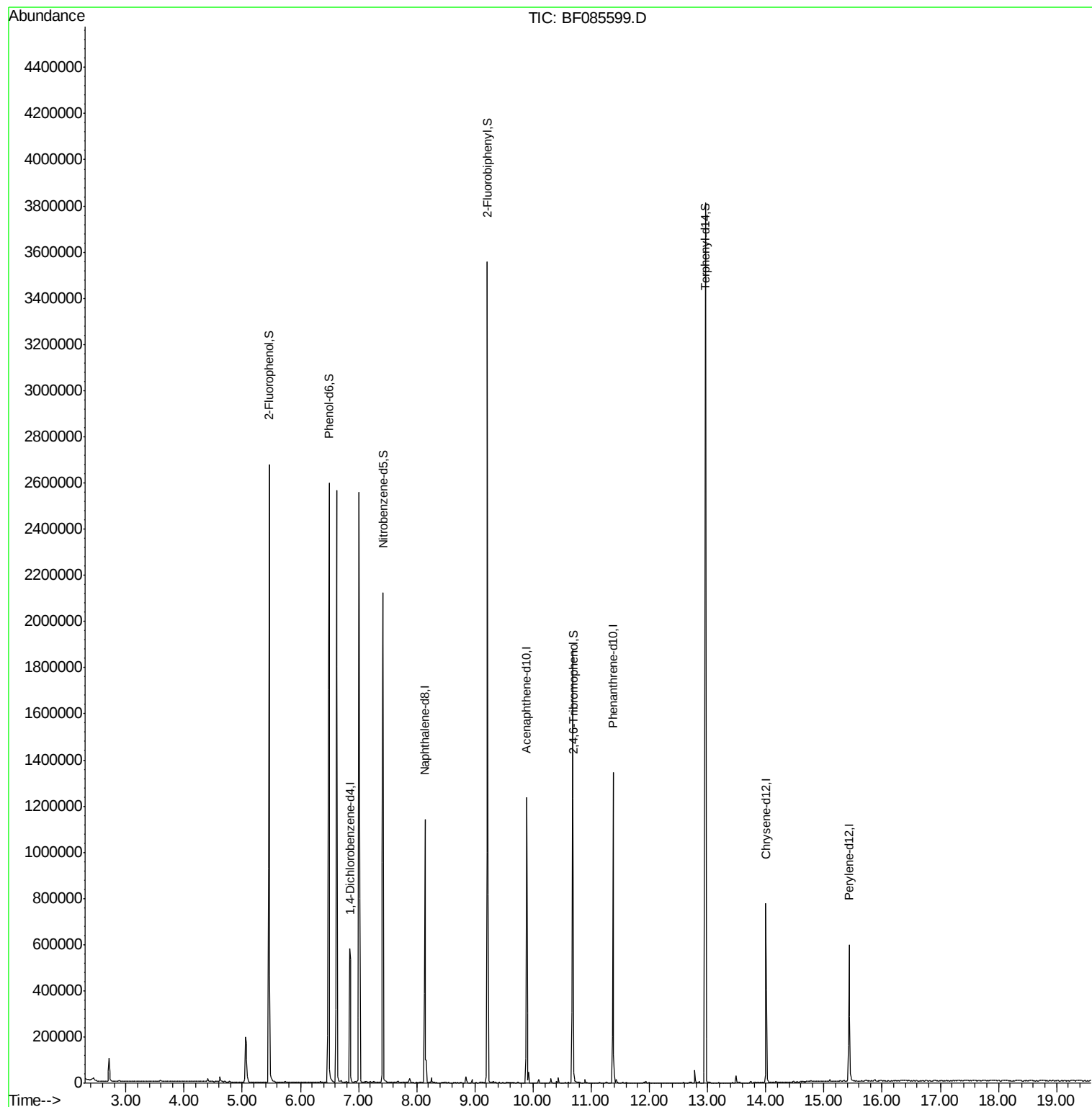
Target Compounds	Qvalue
------------------	--------

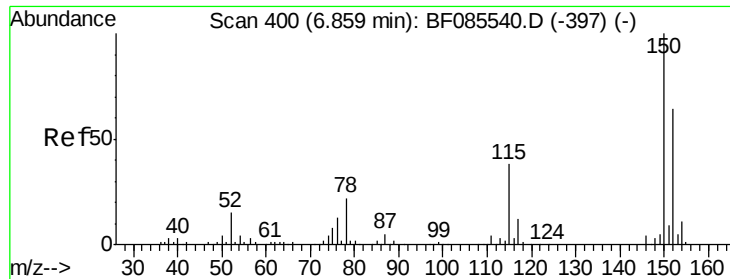
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085599.D
Acq On : 20 Mar 2016 5:44
Operator : UM/SJ
Sample : H1790-06
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)

Quant Time: Mar 21 04:47:00 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

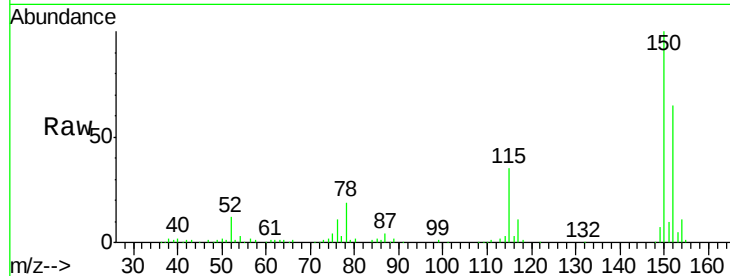




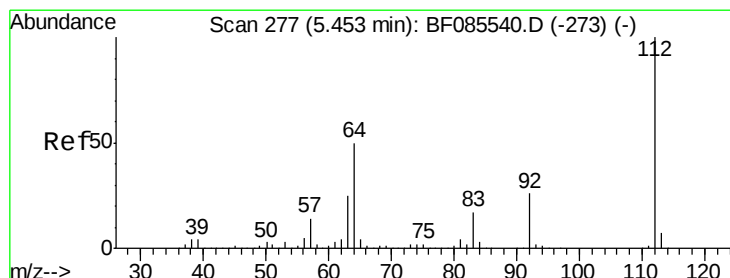
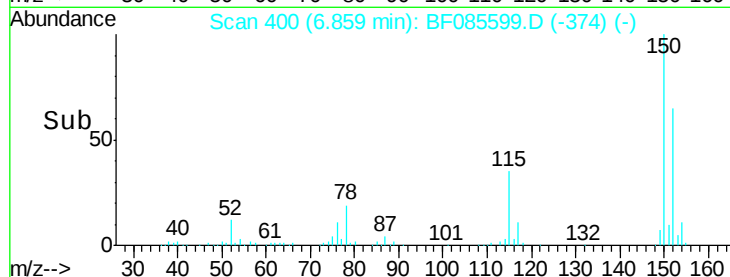
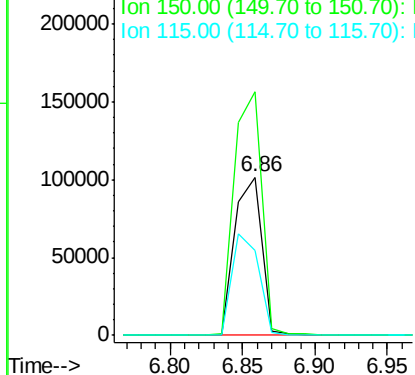
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: BF085599.D
 Acq: 20 Mar 2016 5:44

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8B-(10-20)

Tgt Ion:152 Resp: 131483
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.2 186.2
 115 53.2 47.0 70.6

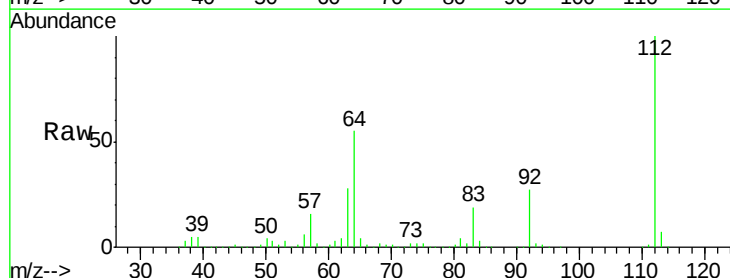


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

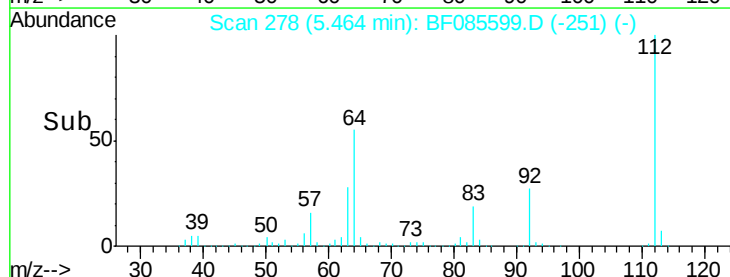
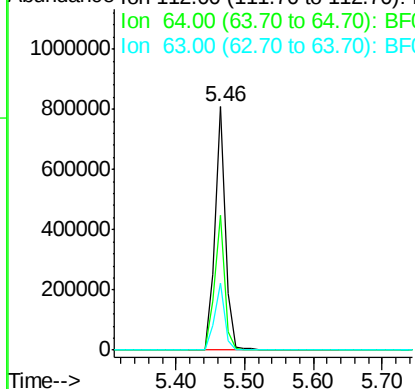


#5
 2-Fluorophenol
 Concen: 112.48 ng
 RT: 5.46 min Scan# 278
 Delta R.T. 0.01 min
 Lab File: BF085599.D
 Acq: 20 Mar 2016 5:44

Tgt Ion:112 Resp: 880513
 Ion Ratio Lower Upper
 112 100
 64 55.4 39.9 59.9
 63 27.7 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: 123.06 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085599.D

Acq: 20 Mar 2016 5:44

Instrument :

BNA_F

ClientSampleId :

GRID-8B-(10-20)

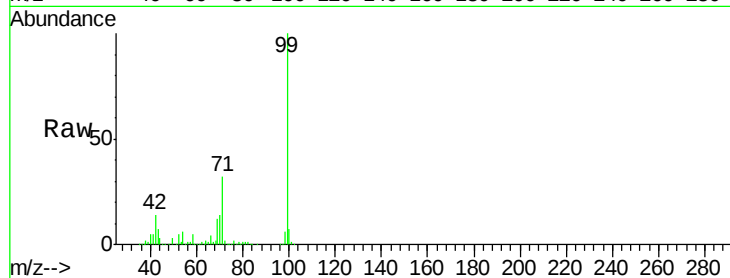
Tgt Ion: 99 Resp: 123510

Ion Ratio Lower Upper

99 100

42 13.9 11.1 16.7

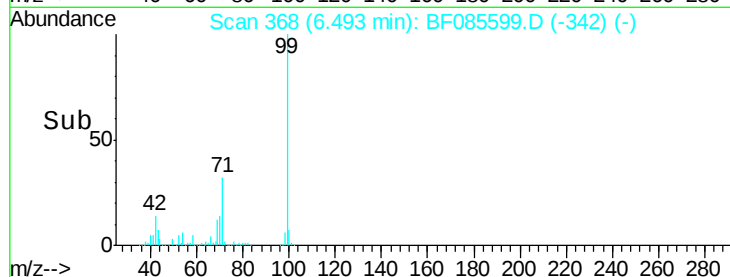
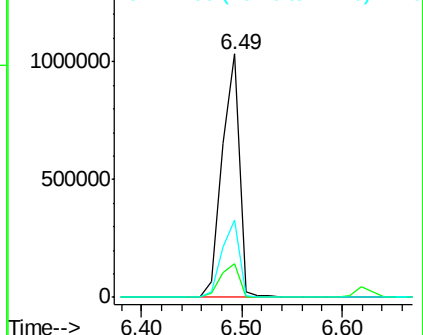
71 31.8 24.9 37.3



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: BF085599.D

Acq: 20 Mar 2016 5:44

Tgt Ion: 136 Resp: 555667

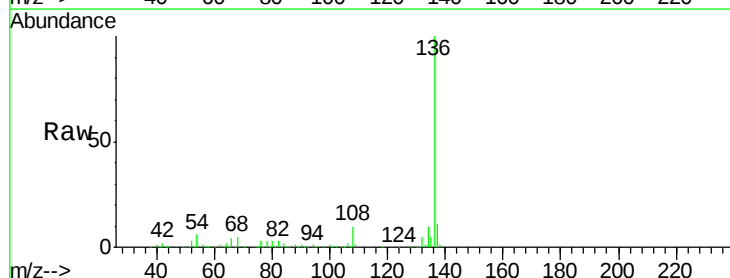
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.0 7.4 11.0#

68 5.1 5.8 8.8#

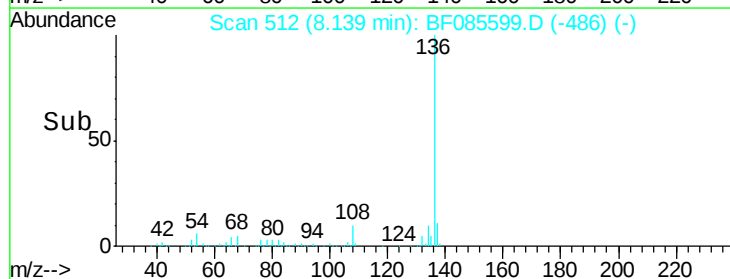
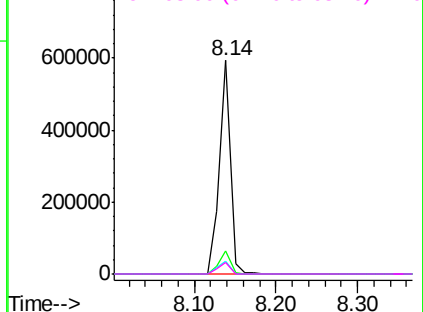


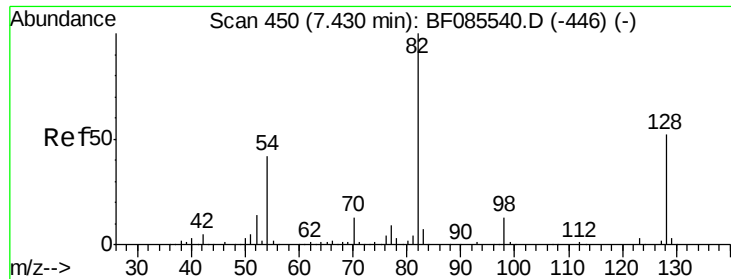
Abundance Ion 136.00 (135.70 to 136.70): E

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

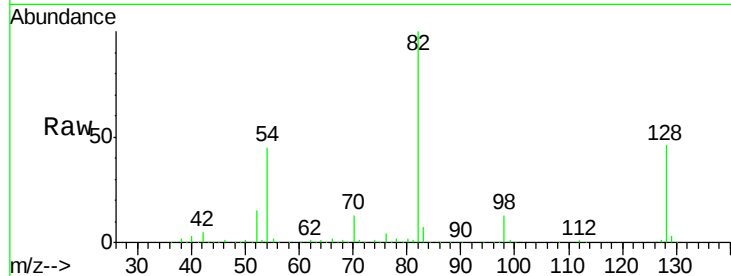




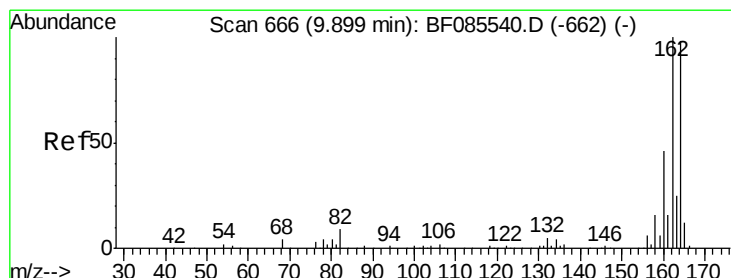
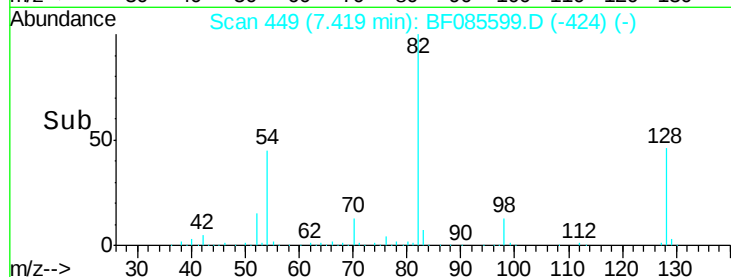
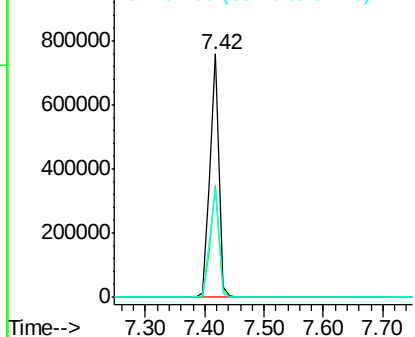
#23
 Nitrobenzene-d5
 Concen: 83.68 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085599.D
 Acq: 20 Mar 2016 5:44

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8B-(10-20)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	41.8	62.8
54	44.7	33.4	50.0

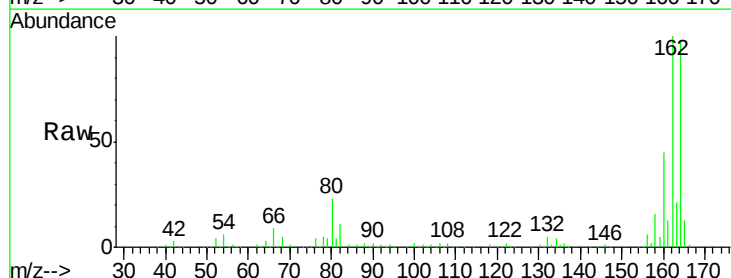


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

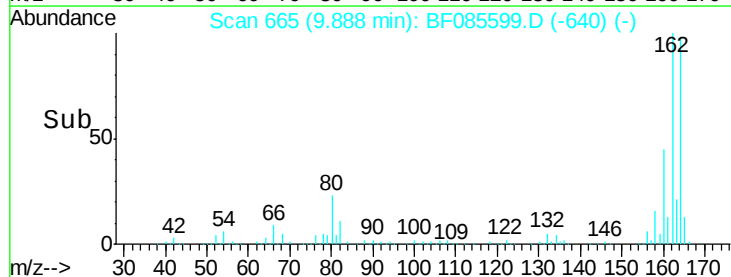
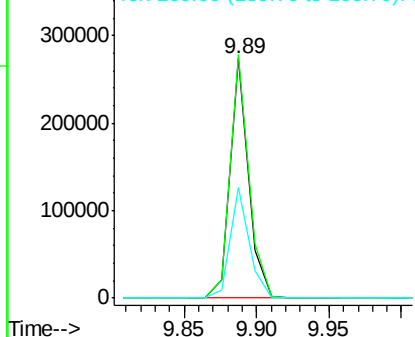


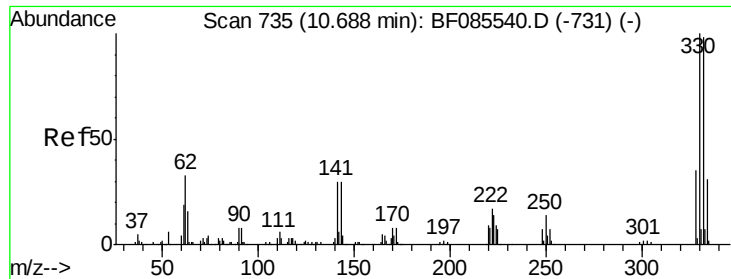
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085599.D
 Acq: 20 Mar 2016 5:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.1	123.1
160	46.0	37.4	56.2



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

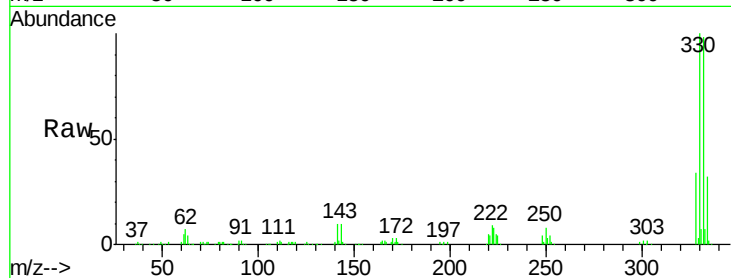




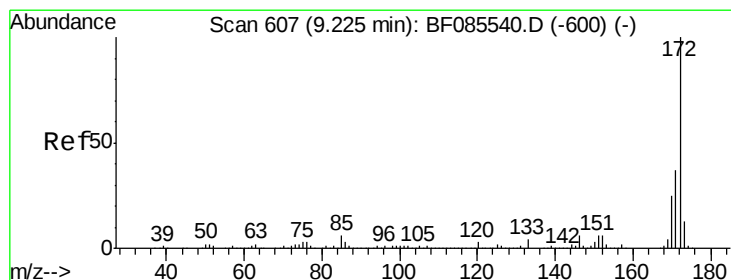
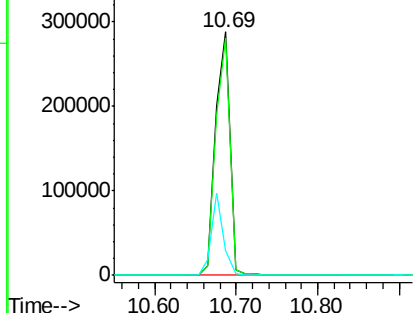
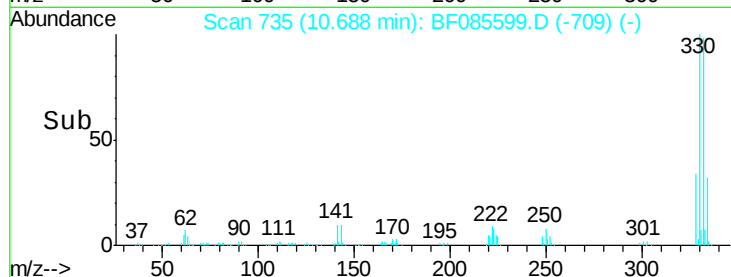
#41
 2,4,6-Tribromophenol
 Concen: 149.40 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085599.D
 Acq: 20 Mar 2016 5:44

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8B-(10-20)

Tgt Ion:330 Resp: 353577
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.2 117.2
 141 28.9 31.5 47.3#

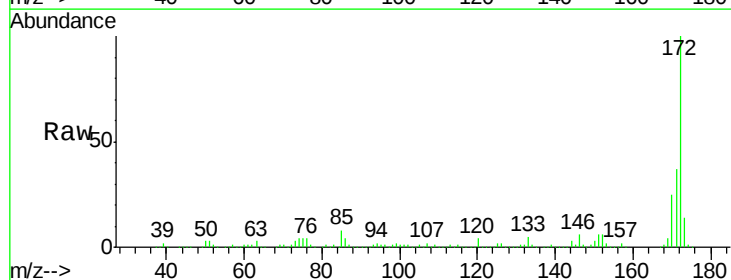


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

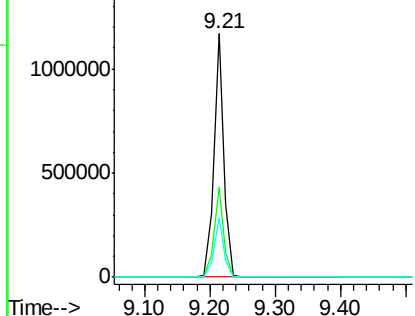
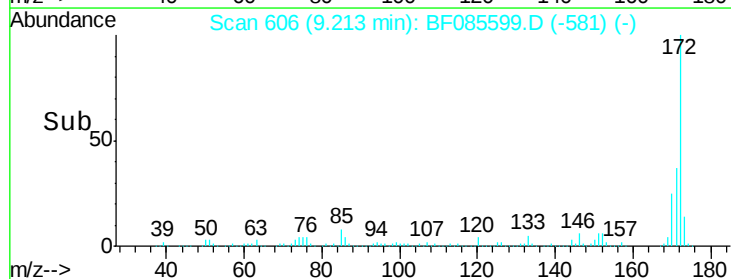


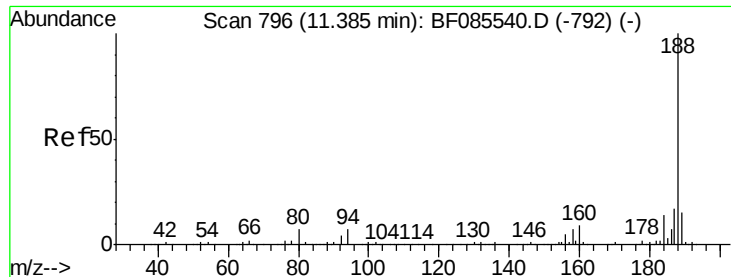
#44
 2-Fluorobiphenyl
 Concen: 91.25 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085599.D
 Acq: 20 Mar 2016 5:44

Tgt Ion:172 Resp: 1268559
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 24.6 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

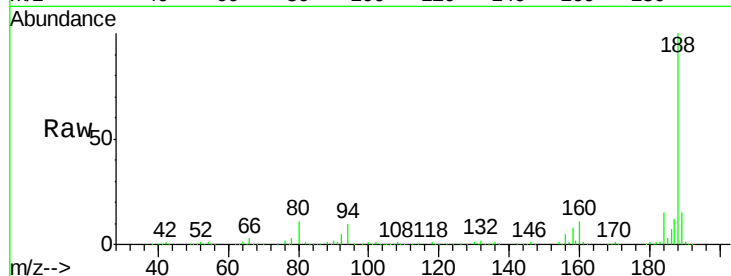




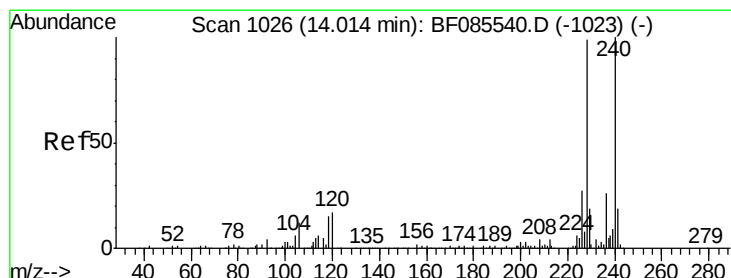
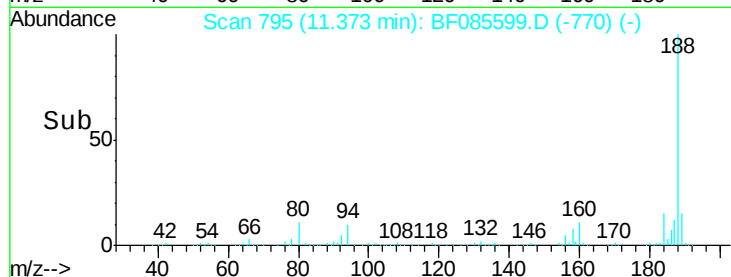
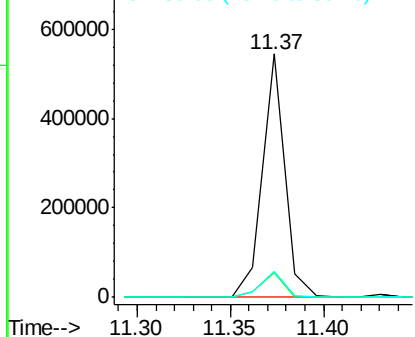
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085599.D
Acq: 20 Mar 2016 5:44

Instrument :
BNA_F
ClientSampleId :
GRID-8B-(10-20)

Tgt Ion:188 Resp: 458678
Ion Ratio Lower Upper
188 100
94 10.1 5.4 8.0#
80 10.6 5.5 8.3#

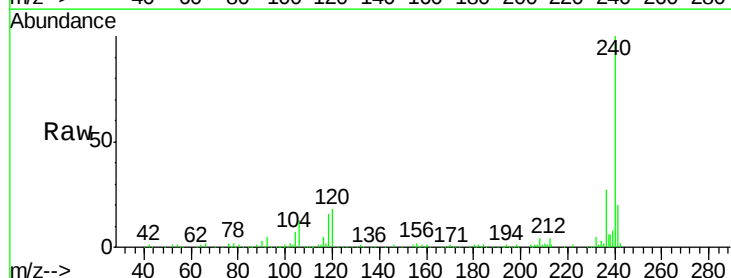


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

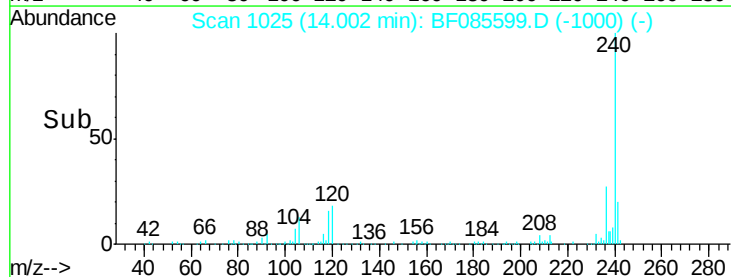
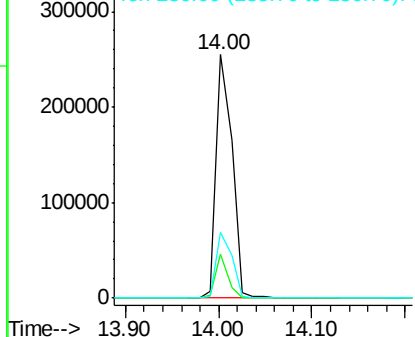


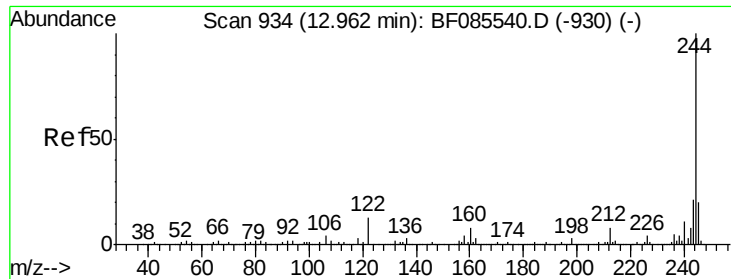
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085599.D
Acq: 20 Mar 2016 5:44

Tgt Ion:240 Resp: 301693
Ion Ratio Lower Upper
240 100
120 18.0 13.8 20.8
236 27.0 20.6 30.8



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

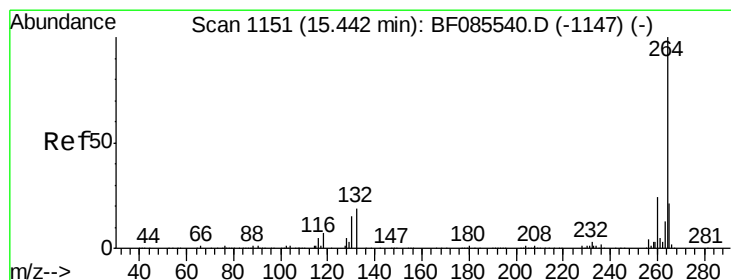
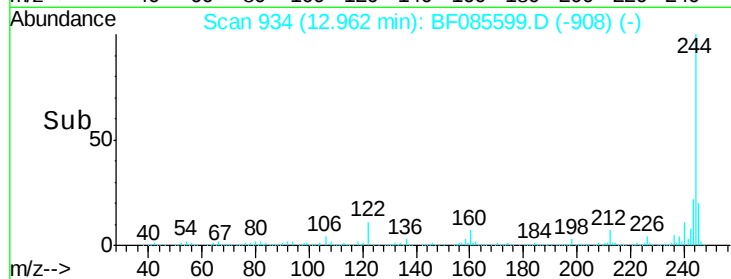
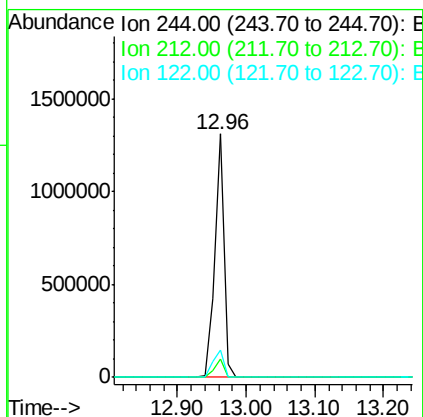
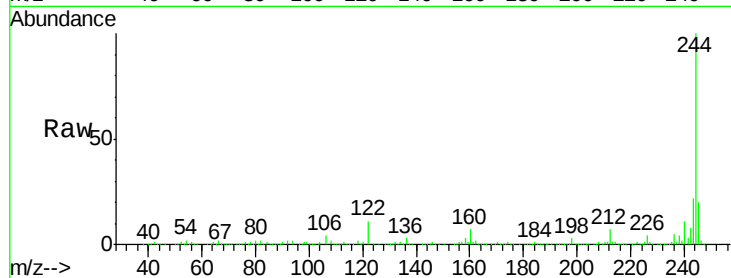




#78
 Terphenyl-d14
 Concen: 100.22 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085599.D
 Acq: 20 Mar 2016 5:44

Instrument :
 BNA_F
 ClientSampleId :
 GRID-8B-(10-20)

Tgt Ion:244 Resp: 1256449
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 11.1 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: BF085599.D
 Acq: 20 Mar 2016 5:44

Tgt Ion:264 Resp: 268249
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.2
 265 21.5 17.2 25.8

