

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085681.D
 Acq On : 23 Mar 2016 1:48
 Operator : UM/SJ
 Sample : H1864-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Quant Time: Mar 23 02:32:05 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	6.84	152	125844	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	537718	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	250233	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	503451	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	354330	20.00	ng	-0.03
86) Perylene-d12	15.40	264	236971	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	511143	68.22	ng	-0.02
7) Phenol-d6	6.46	99	401680	41.80	ng	-0.03
23) Nitrobenzene-d5	7.40	82	792397	85.54	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	439146	179.16	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1551459	116.37	ng	-0.02
78) Terphenyl-d14	12.94	244	1387297	94.22	ng	-0.02

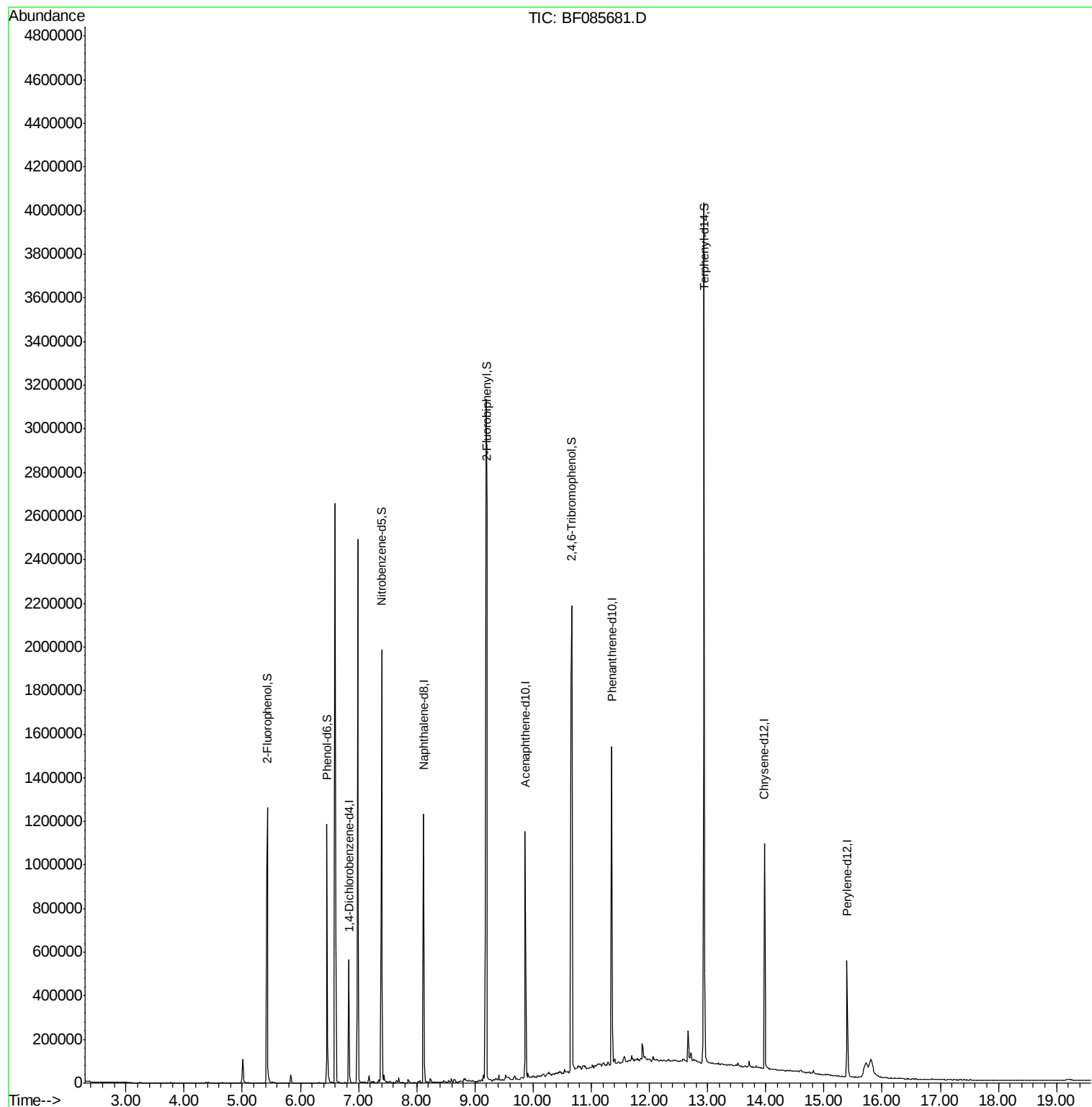
Target Compounds	Qvalue
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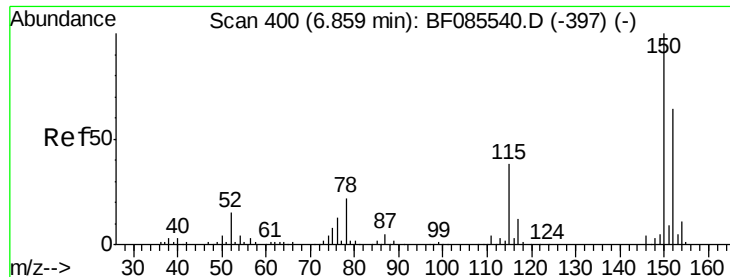
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085681.D

Acq: 23 Mar 2016 1:48

Instrument :

BNA_F

ClientSampleId :

MW-9

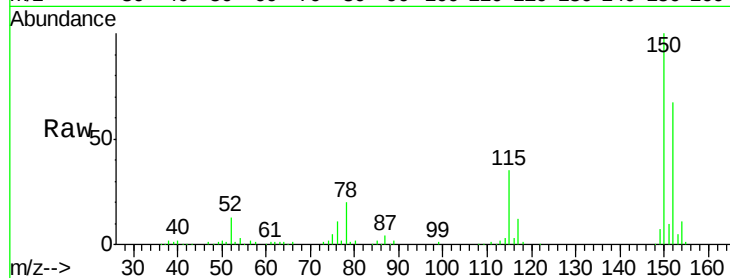
Tgt Ion:152 Resp: 125844

Ion Ratio Lower Upper

152 100

150 149.5 124.2 186.2

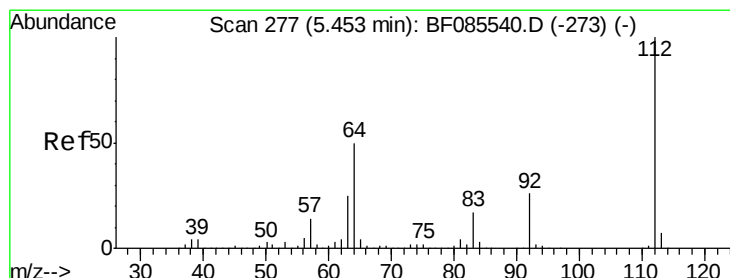
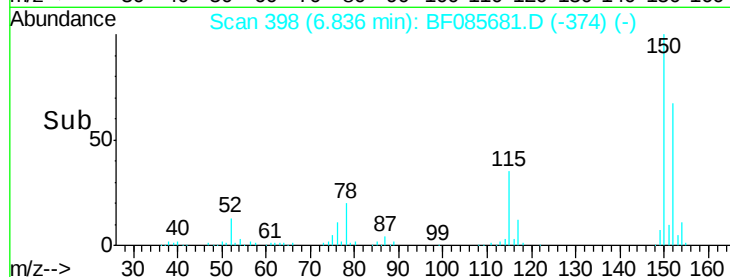
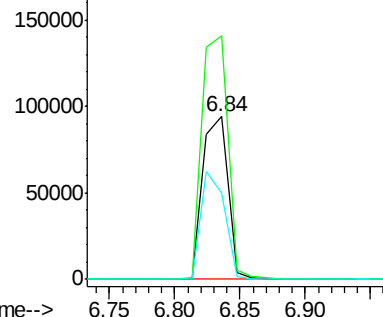
115 52.9 47.0 70.6



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: 68.22 ng

RT: 5.43 min Scan# 275

Delta R.T. -0.02 min

Lab File: BF085681.D

Acq: 23 Mar 2016 1:48

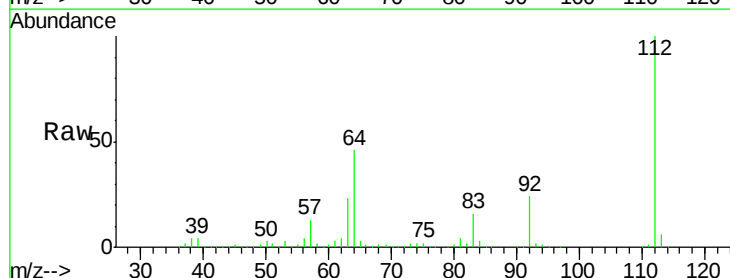
Tgt Ion:112 Resp: 511143

Ion Ratio Lower Upper

112 100

64 46.0 39.9 59.9

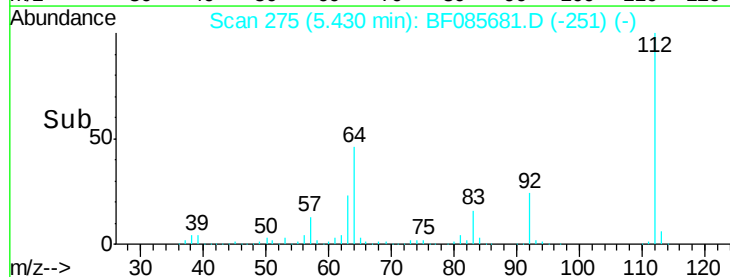
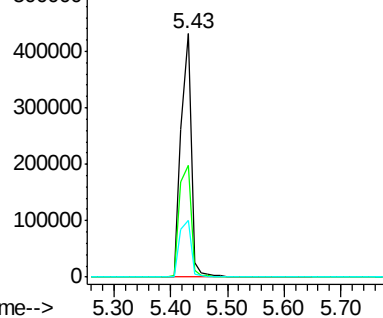
63 23.3 20.2 30.2



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: 41.80 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.03 min

Lab File: BF085681.D

Acq: 23 Mar 2016 1:48

Instrument :

BNA_F

ClientSampleId :

MW-9

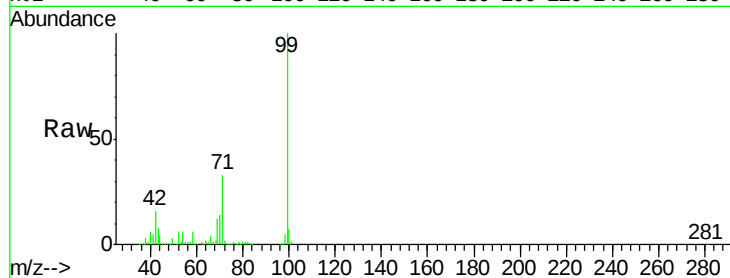
Tgt Ion: 99 Resp: 401680

Ion Ratio Lower Upper

99 100

42 15.7 11.1 16.7

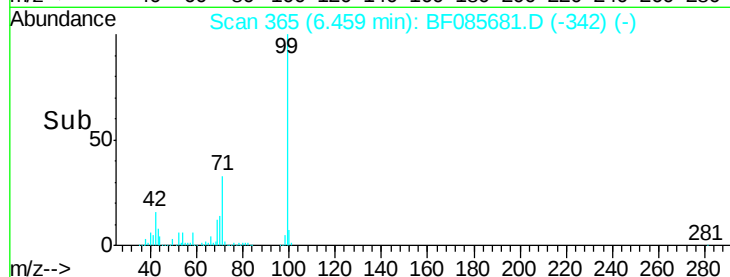
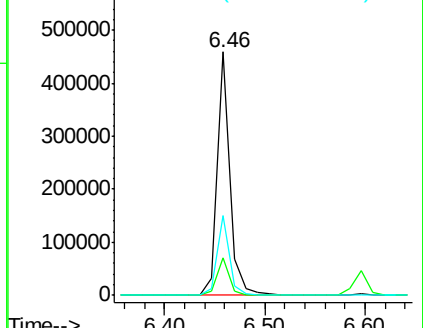
71 32.5 24.9 37.3



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: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085681.D

Acq: 23 Mar 2016 1:48

Tgt Ion: 136 Resp: 537718

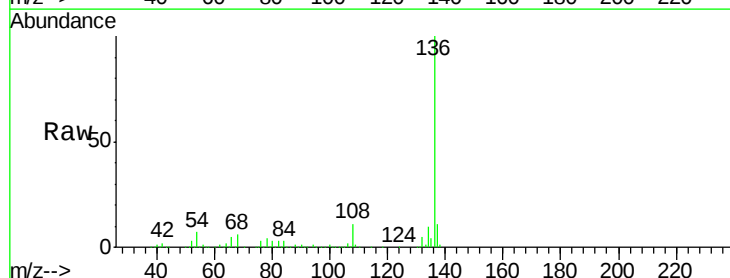
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.7 7.4 11.0#

68 5.6 5.8 8.8#

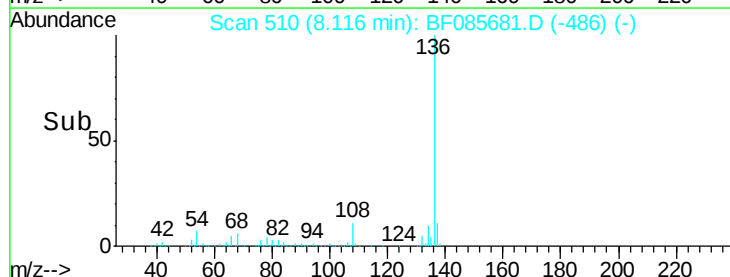
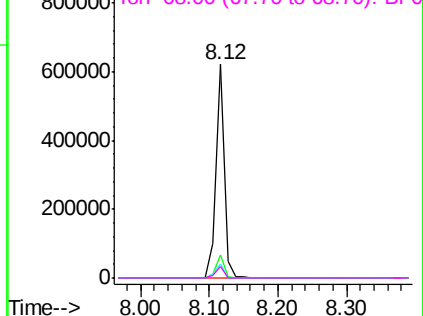


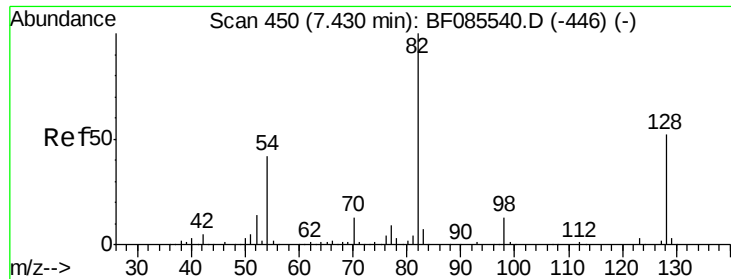
Abundance Ion 136.00 (135.70 to 136.70): E

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

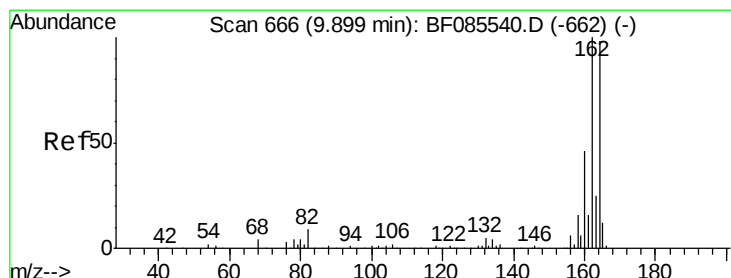
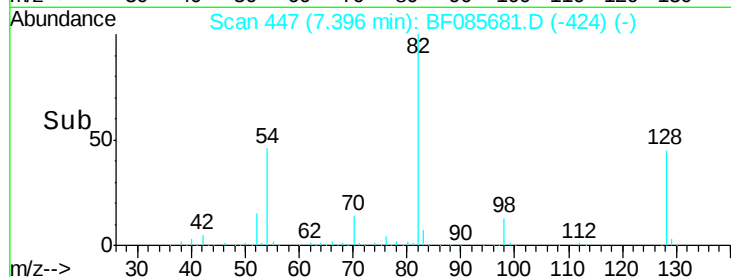
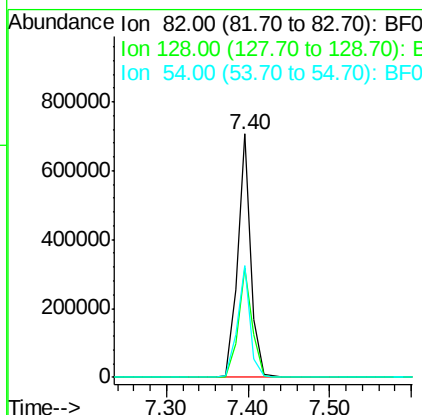
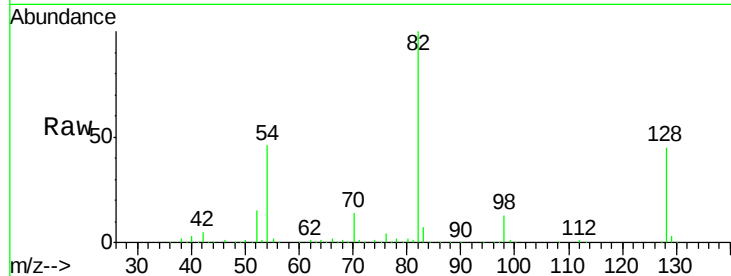




#23
 Nitrobenzene-d5
 Concen: 85.54 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF085681.D
 Acq: 23 Mar 2016 1:48

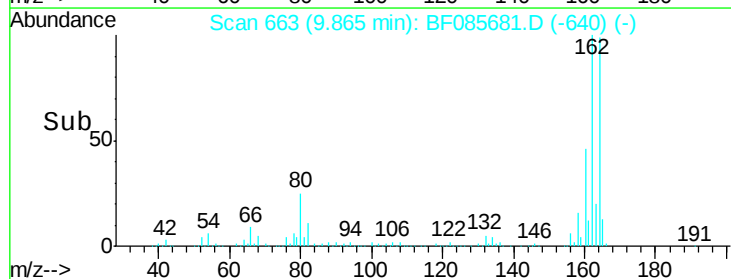
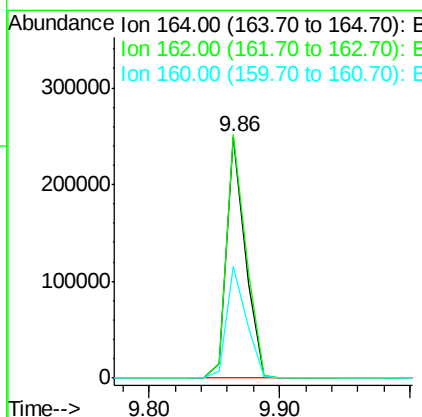
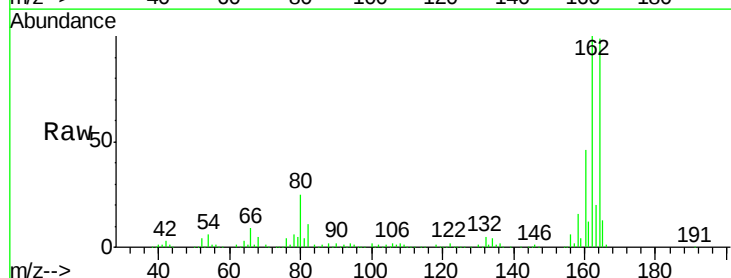
Instrument :
 BNA_F
 ClientSampleId :
 MW-9

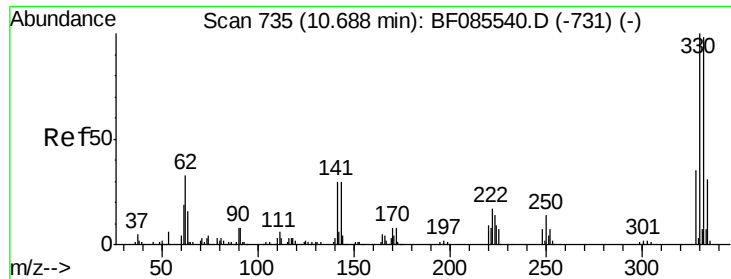
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.9	41.8	62.8
54	45.8	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.03 min
 Lab File: BF085681.D
 Acq: 23 Mar 2016 1:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.1	123.1
160	46.2	37.4	56.2

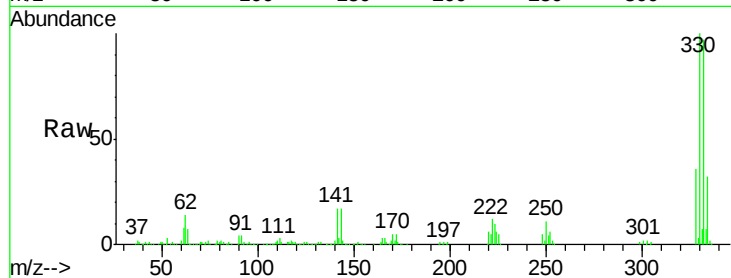




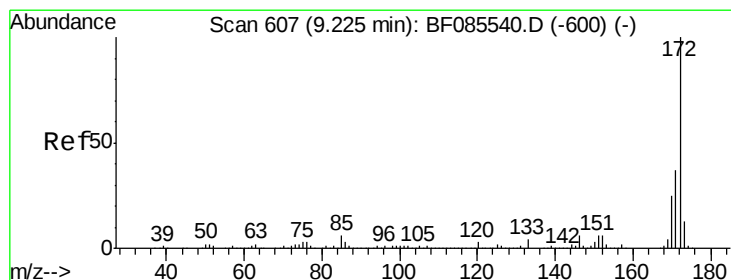
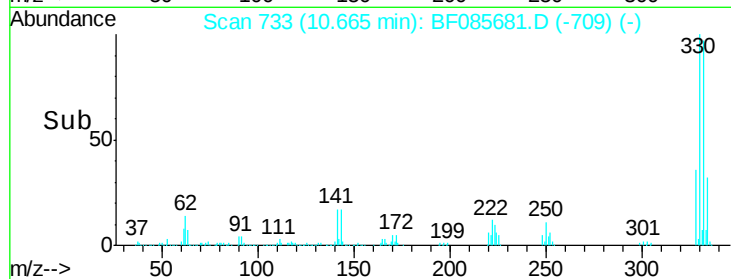
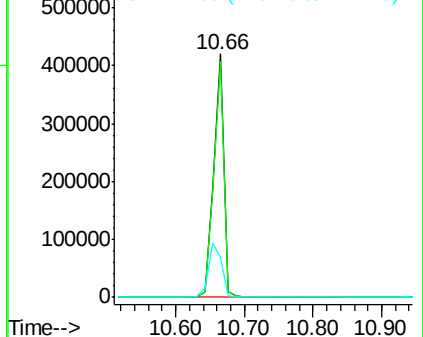
#41
 2,4,6-Tribromophenol
 Concen: 179.16 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085681.D
 Acq: 23 Mar 2016 1:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tgt Ion:330 Resp: 439146
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.2 117.2
 141 29.4 31.5 47.3#

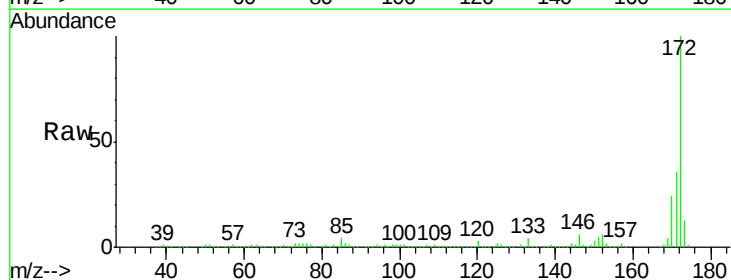


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

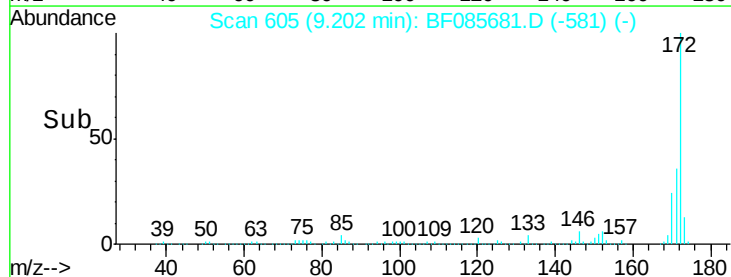
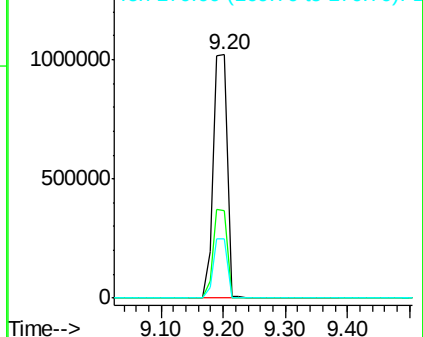


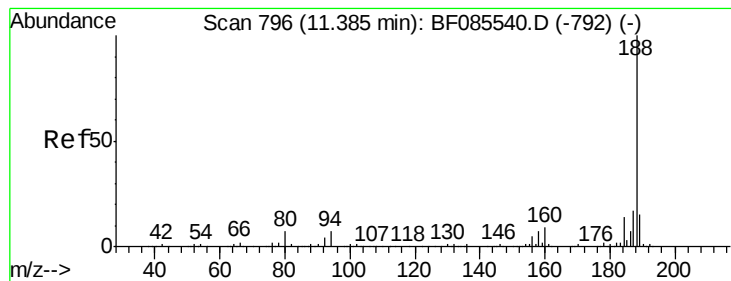
#44
 2-Fluorobiphenyl
 Concen: 116.37 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085681.D
 Acq: 23 Mar 2016 1:48

Tgt Ion:172 Resp: 1551459
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.2
 170 24.3 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: 11.35 min Scan# 793

Delta R.T. -0.03 min

Lab File: BF085681.D

Acq: 23 Mar 2016 1:48

Instrument :

BNA_F

ClientSampleId :

MW-9

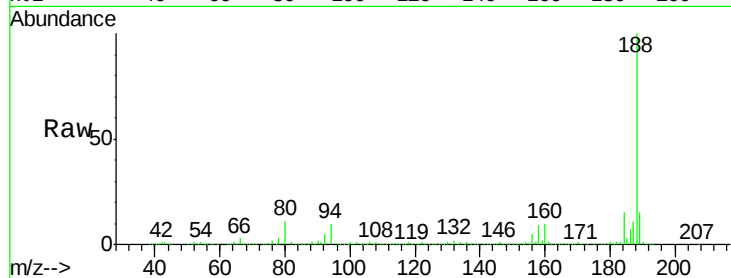
Tgt Ion:188 Resp: 503451

Ion Ratio Lower Upper

188 100

94 10.4 5.4 8.0#

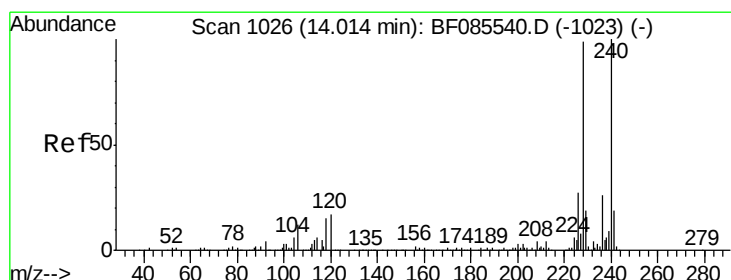
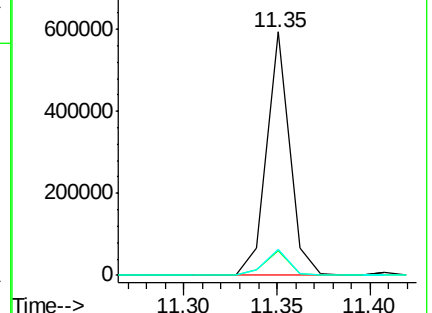
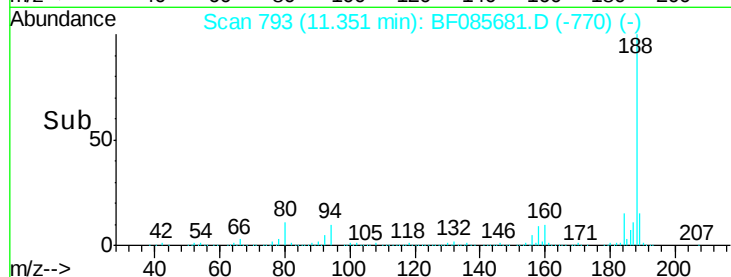
80 10.8 5.5 8.3#



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: 13.98 min Scan# 1023

Delta R.T. -0.03 min

Lab File: BF085681.D

Acq: 23 Mar 2016 1:48

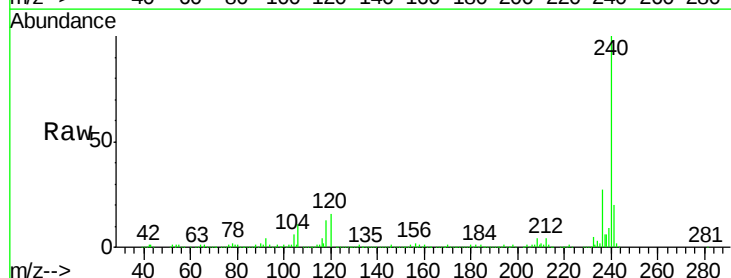
Tgt Ion:240 Resp: 354330

Ion Ratio Lower Upper

240 100

120 15.7 13.8 20.8

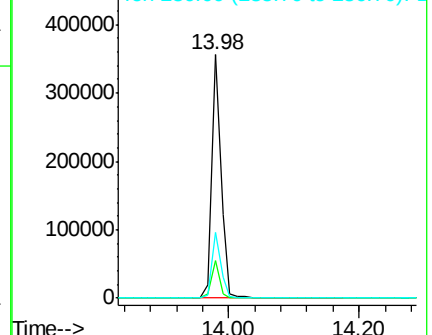
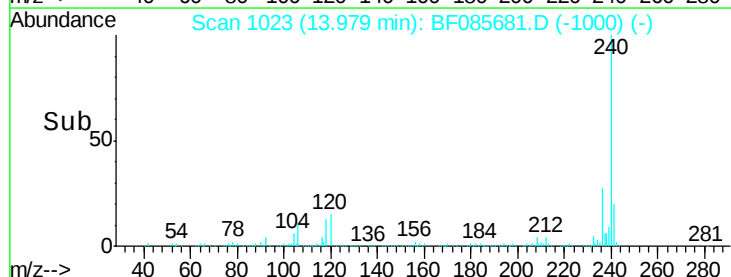
236 26.8 20.6 30.8

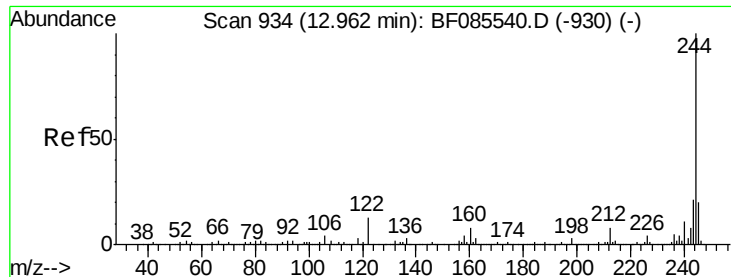


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

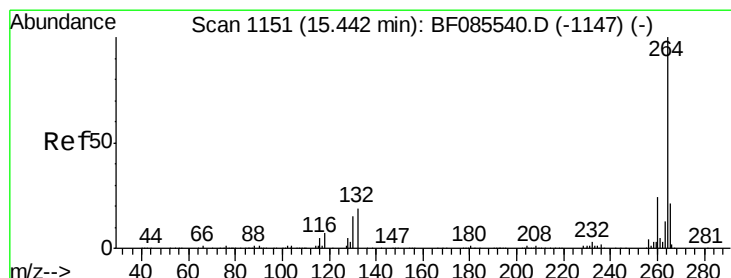
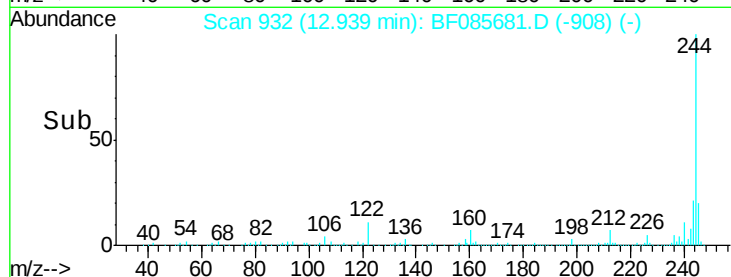
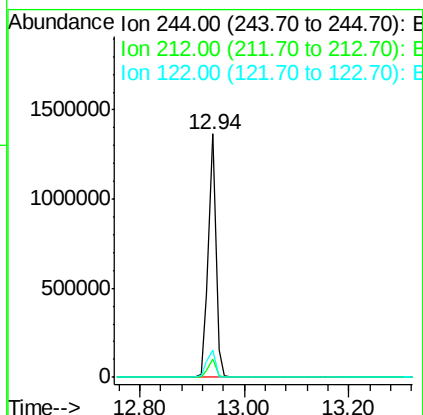
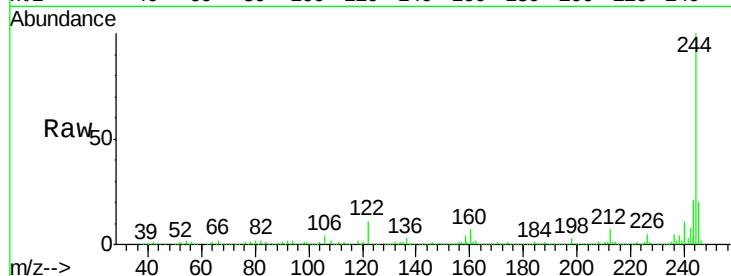




#78
 Terphenyl-d14
 Concen: 94.22 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF085681.D
 Acq: 23 Mar 2016 1:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-9

Tgt Ion:244 Resp: 1387297
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 11.0 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.05 min
 Lab File: BF085681.D
 Acq: 23 Mar 2016 1:48

Tgt Ion:264 Resp: 236971
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 21.8 17.2 25.8

