

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085564.D
 Acq On : 19 Mar 2016 9:50
 Operator : UM/SJ
 Sample : H1797-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WACC-WASTE-WATER-15

Quant Time: Mar 21 01:46:33 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	128140	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	538666	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	237123	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	479698	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	344300	20.00	ng	-0.01
86) Perylene-d12	15.43	264	255159	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	914914	119.93	ng	0.00
7) Phenol-d6	6.48	99	1039122	106.20	ng	-0.01
23) Nitrobenzene-d5	7.42	82	834694	89.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	337136	145.14	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1271642	93.96	ng	-0.01
78) Terphenyl-d14	12.96	244	1393440	97.39	ng	0.00

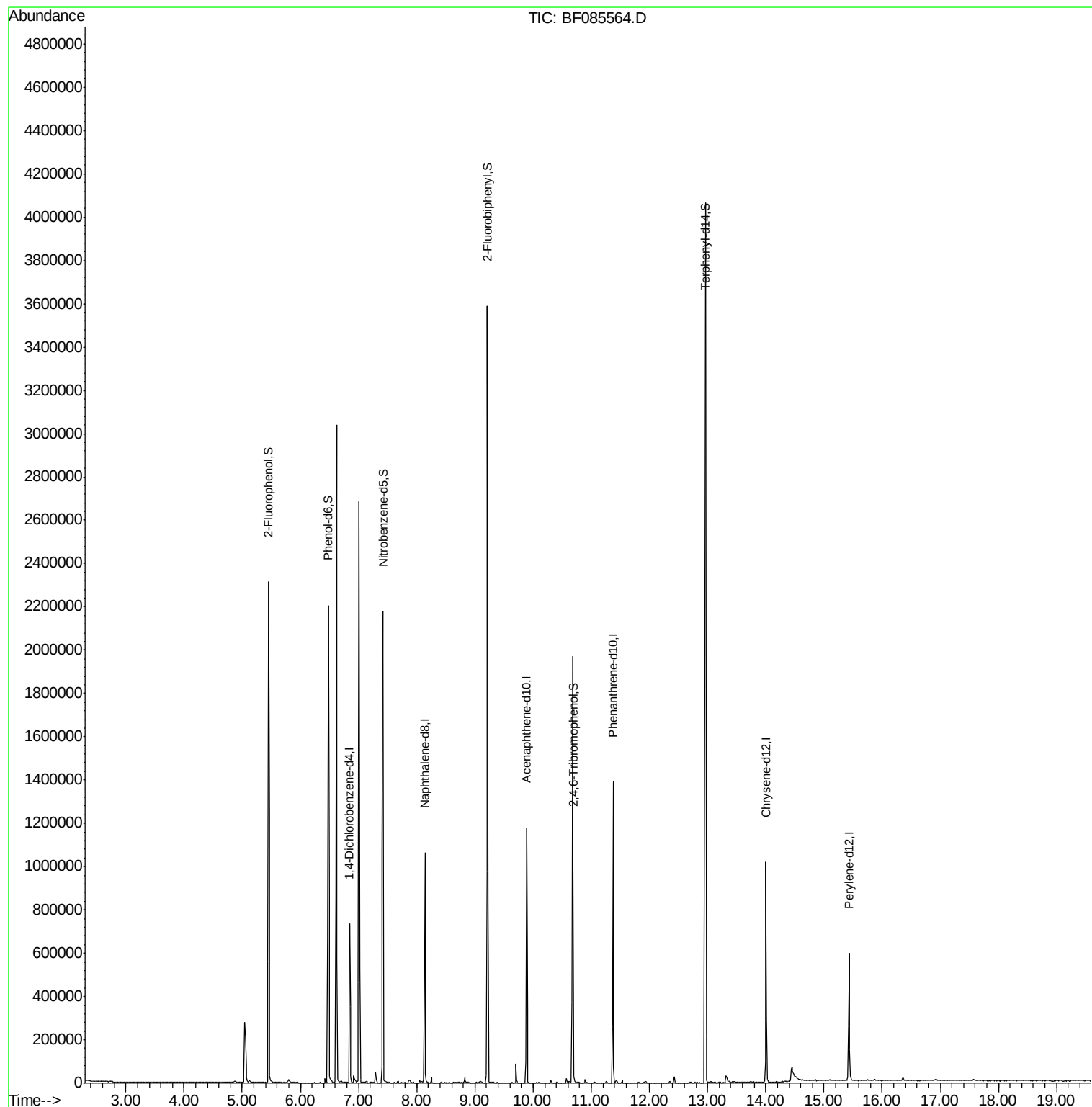
Target Compounds	Qvalue
------------------	--------

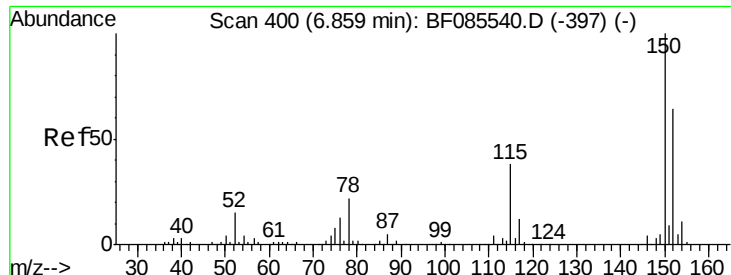
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085564.D
Acq On : 19 Mar 2016 9:50
Operator : UM/SJ
Sample : H1797-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WACC-WASTE-WATER-15

Quant Time: Mar 21 01:46:33 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

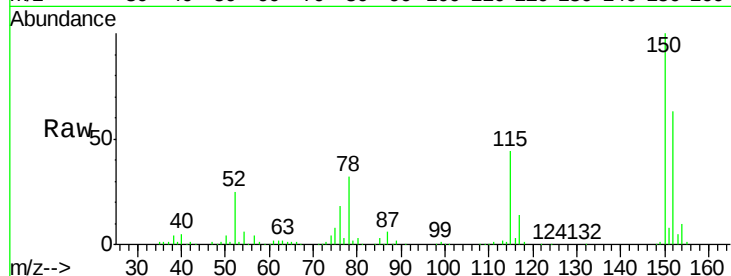




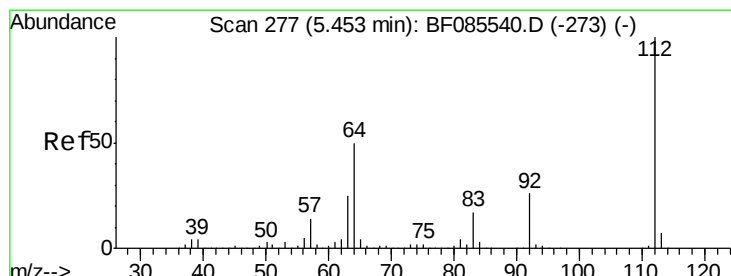
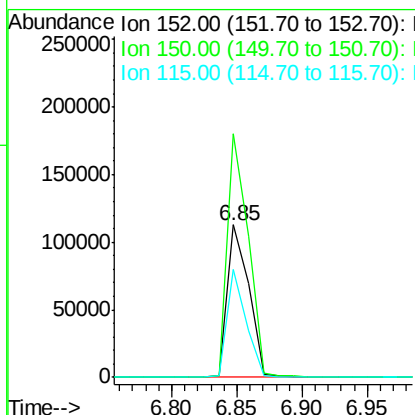
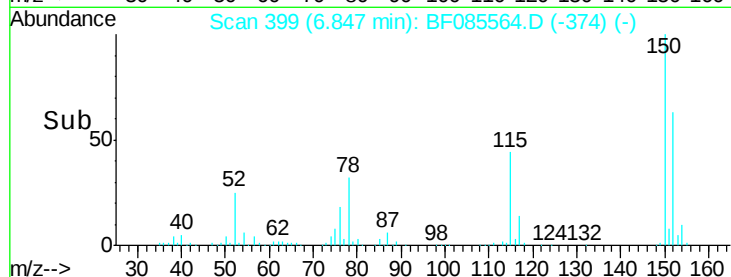
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BF085564.D
 Acq: 19 Mar 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 WACC-WASTE-WATER-15

Tgt Ion:152 Resp: 128140
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.2 186.2
 115 70.8 47.0 70.6#

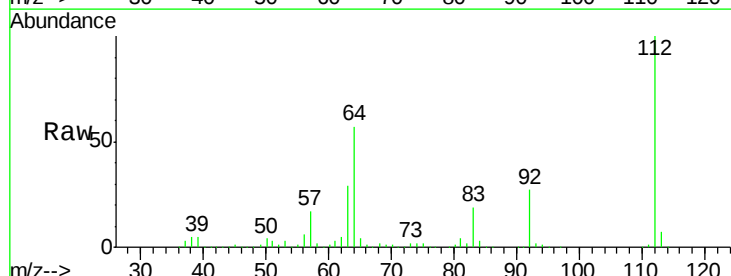


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

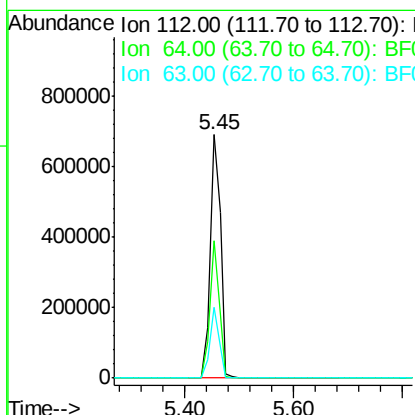
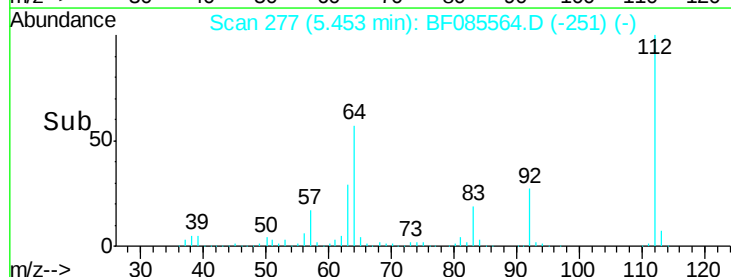


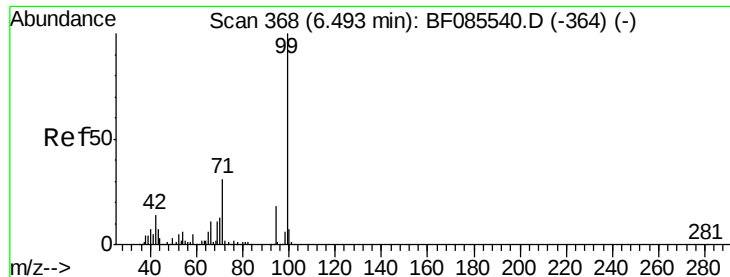
#5
 2-Fluorophenol
 Concen: 119.93 ng
 RT: 5.45 min Scan# 277
 Delta R.T. 0.00 min
 Lab File: BF085564.D
 Acq: 19 Mar 2016 9:50

Tgt Ion:112 Resp: 914914
 Ion Ratio Lower Upper
 112 100
 64 56.7 39.9 59.9
 63 28.9 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: 106.20 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085564.D

Acq: 19 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

WACC-WASTE-WATER-15

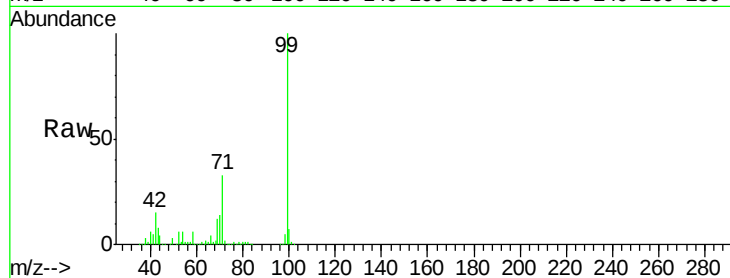
Tgt Ion: 99 Resp: 1039122

Ion Ratio Lower Upper

99 100

42 15.2 11.1 16.7

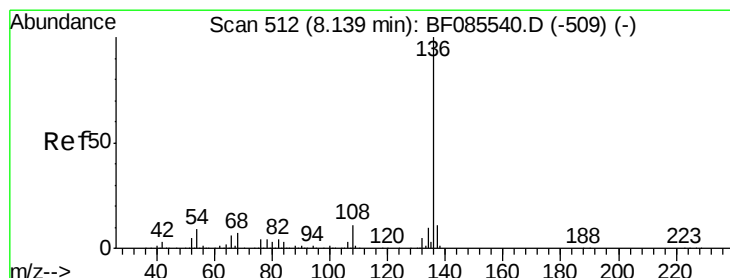
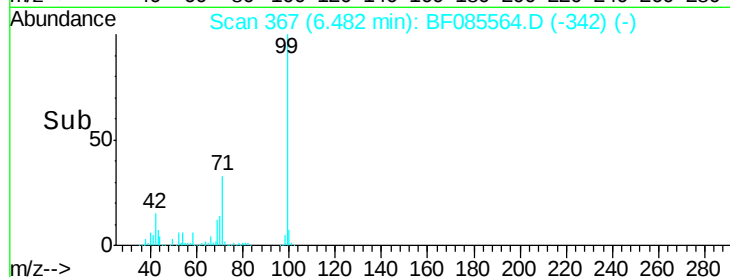
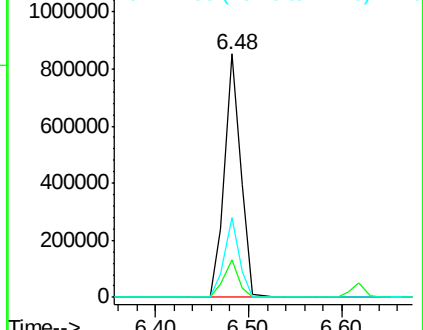
71 32.9 24.9 37.3



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: BF085564.D

Acq: 19 Mar 2016 9:50

Tgt Ion: 136 Resp: 538666

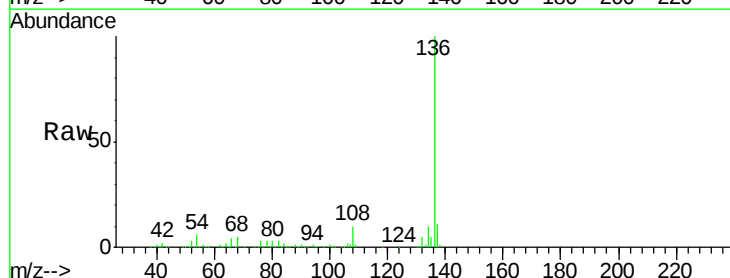
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 5.8 7.4 11.0#

68 5.1 5.8 8.8#

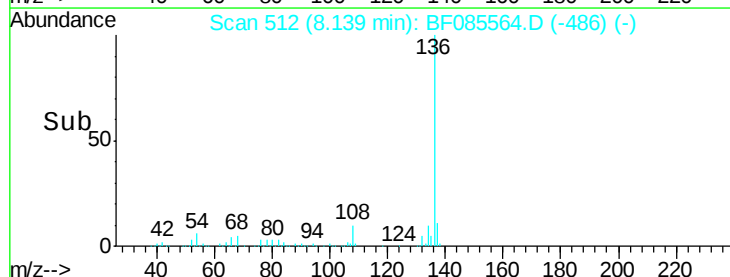
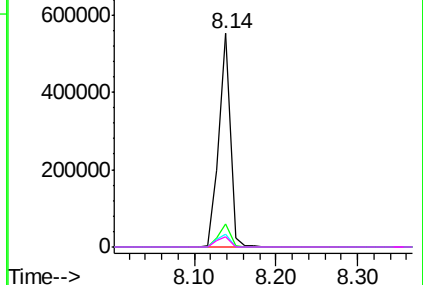


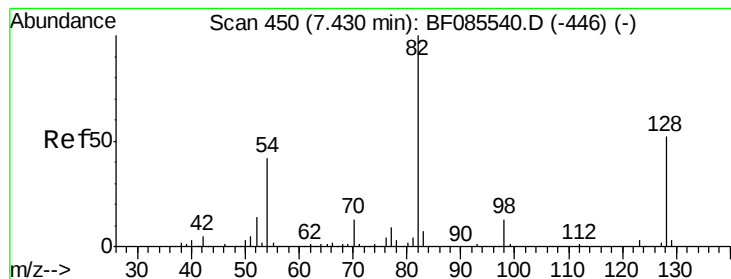
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.95 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF085564.D

Acq: 19 Mar 2016 9:50

Instrument :

BNA_F

ClientSampleId :

WACC-WASTE-WATER-15

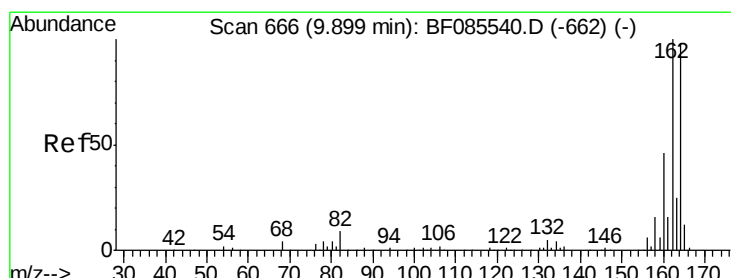
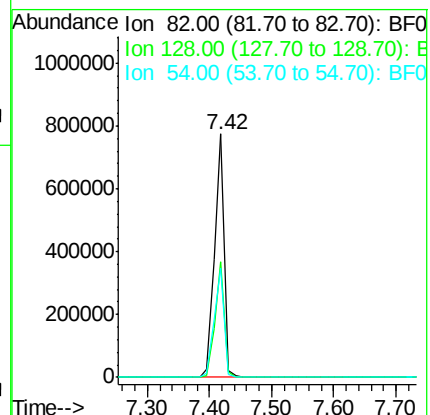
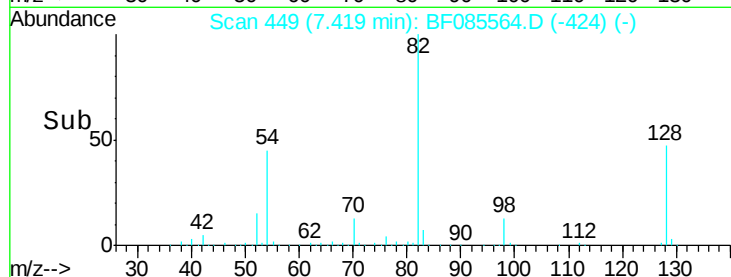
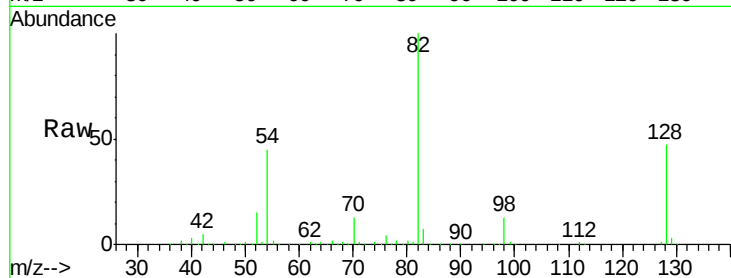
Tgt Ion: 82 Resp: 834694

Ion Ratio Lower Upper

82 100

128 47.5 41.8 62.8

54 44.6 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: BF085564.D

Acq: 19 Mar 2016 9:50

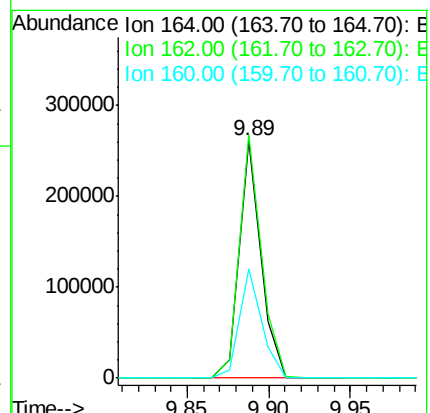
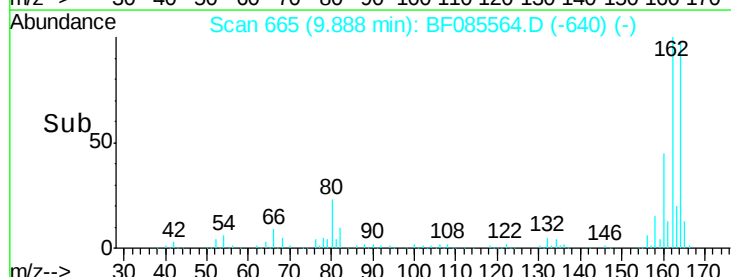
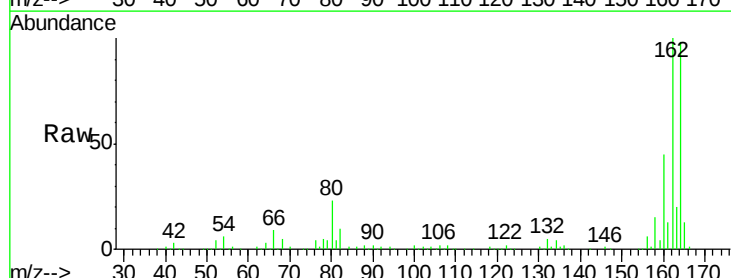
Tgt Ion: 164 Resp: 237123

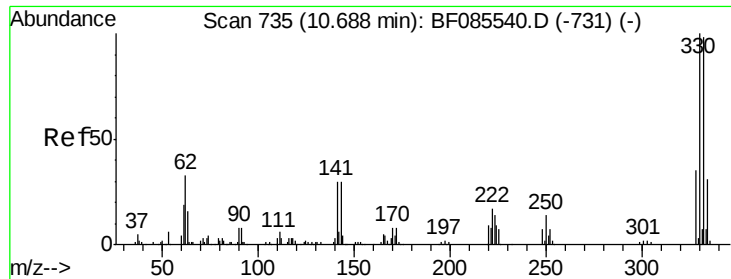
Ion Ratio Lower Upper

164 100

162 102.4 82.1 123.1

160 46.1 37.4 56.2

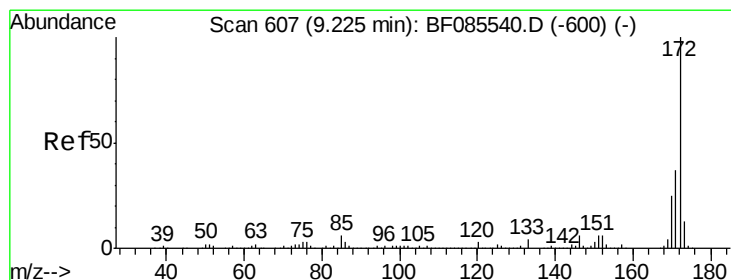
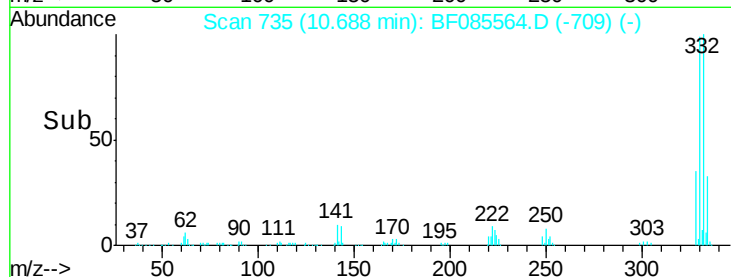
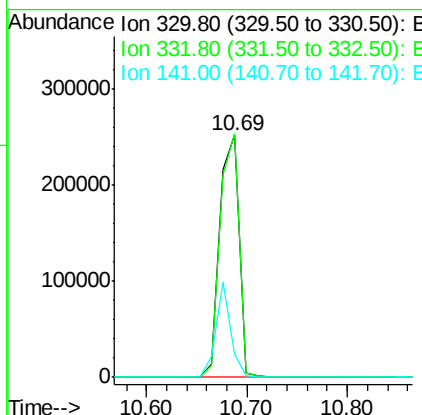
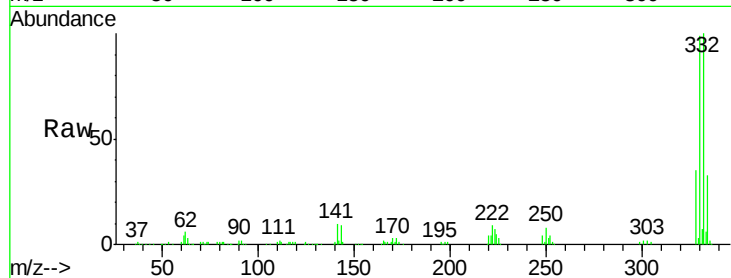




#41
 2,4,6-Tribromophenol
 Concen: 145.14 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085564.D
 Acq: 19 Mar 2016 9:50

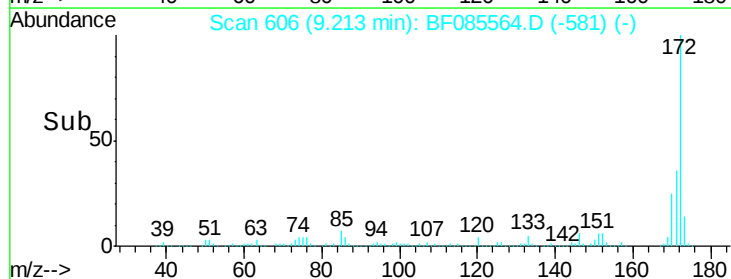
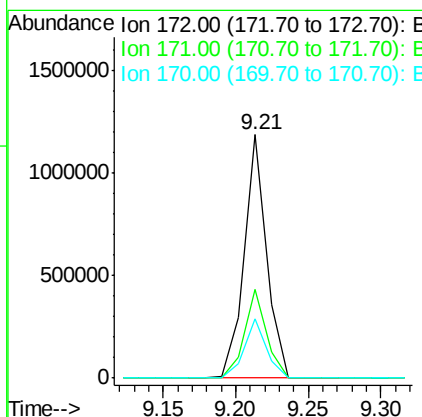
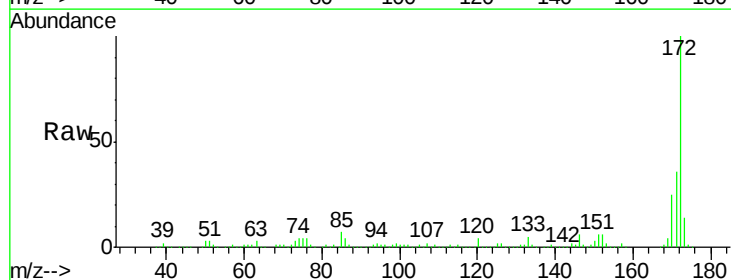
Instrument :
 BNA_F
 ClientSampleId :
 WACC-WASTE-WATER-15

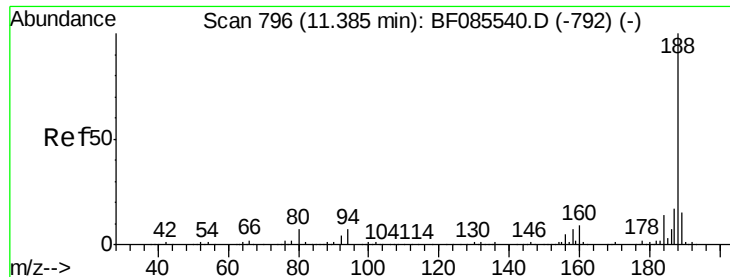
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.9	78.2	117.2
141	30.3	31.5	47.3#



#44
 2-Fluorobiphenyl
 Concen: 93.96 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085564.D
 Acq: 19 Mar 2016 9:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.6	19.8	29.6

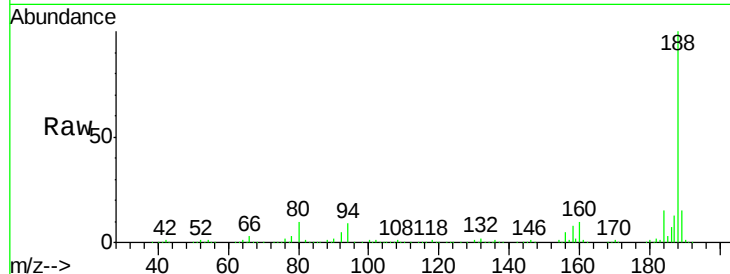




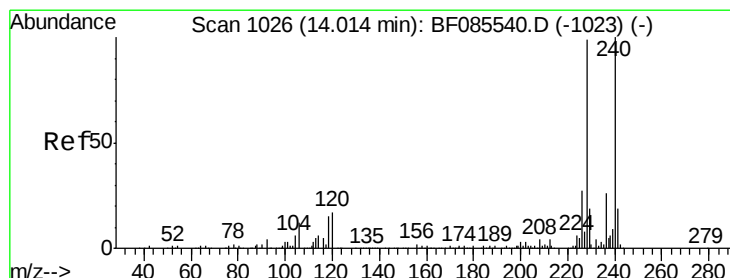
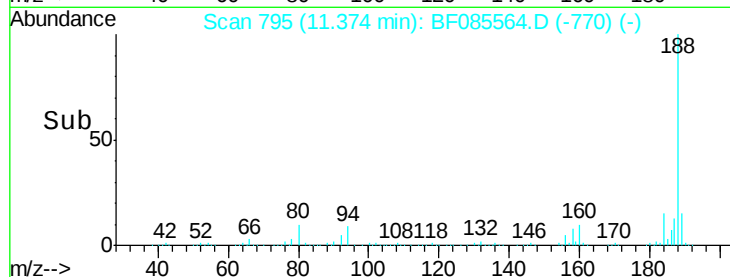
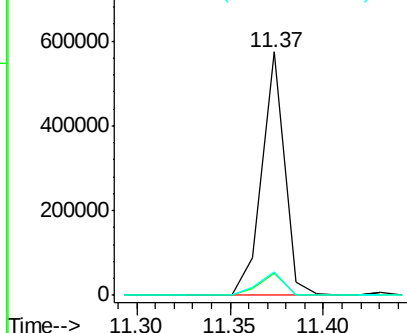
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085564.D
Acq: 19 Mar 2016 9:50

Instrument :
BNA_F
ClientSampleId :
WACC-WASTE-WATER-15

Tgt Ion:188 Resp: 479698
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 9.7 5.5 8.3#

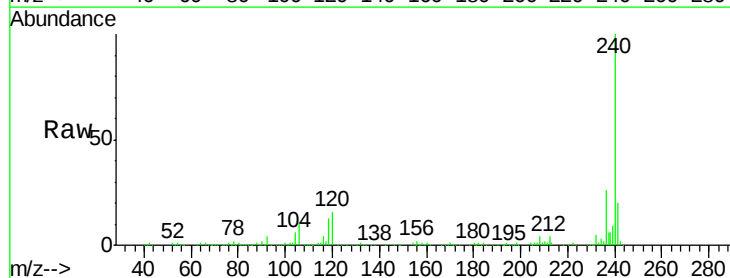


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

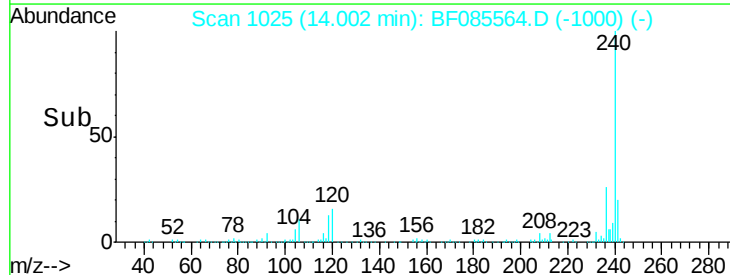
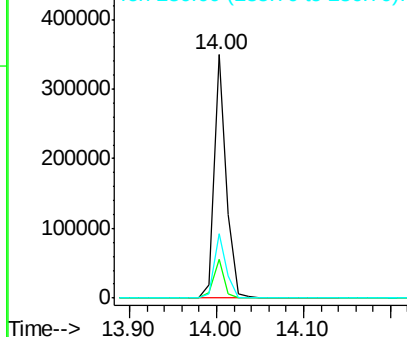


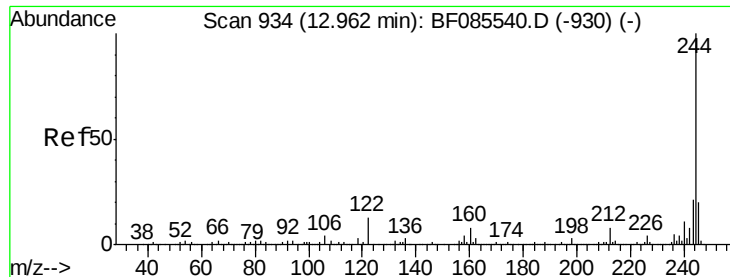
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085564.D
Acq: 19 Mar 2016 9:50

Tgt Ion:240 Resp: 344300
Ion Ratio Lower Upper
240 100
120 15.8 13.8 20.8
236 26.5 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

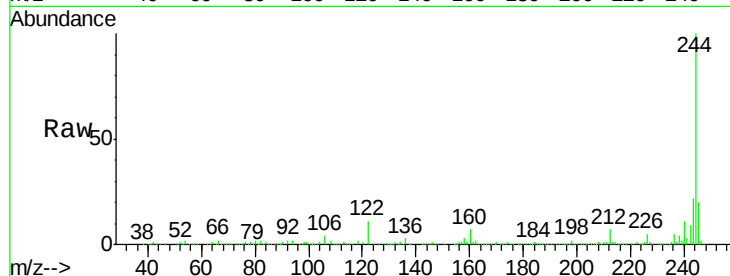




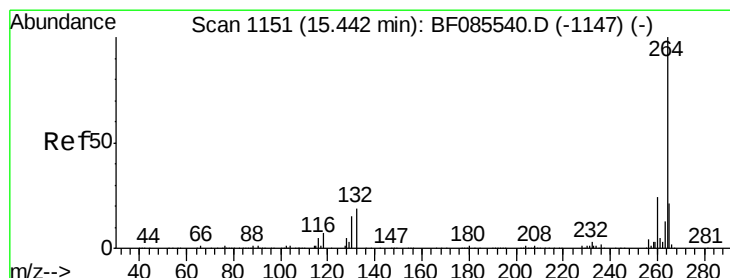
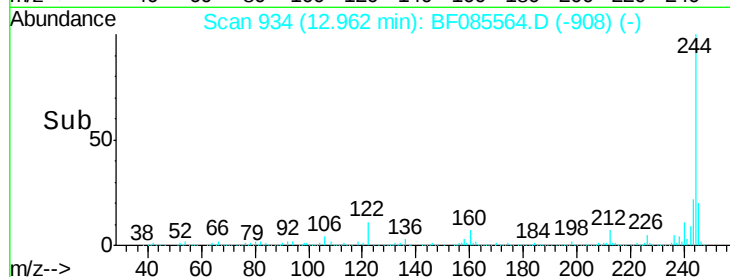
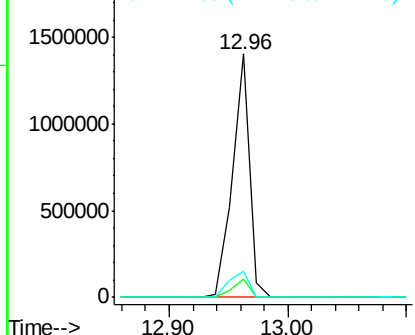
#78
 Terphenyl-d14
 Concen: 97.39 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085564.D
 Acq: 19 Mar 2016 9:50

Instrument :
 BNA_F
 ClientSampleId :
 WACC-WASTE-WATER-15

Tgt Ion:244 Resp: 1393440
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 10.9 10.2 15.4

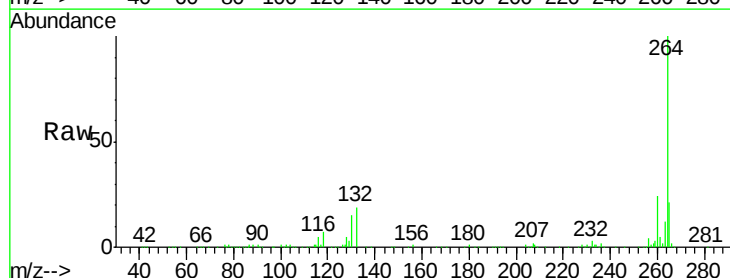


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085564.D
 Acq: 19 Mar 2016 9:50

Tgt Ion:264 Resp: 255159
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

