

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 00:11:27 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

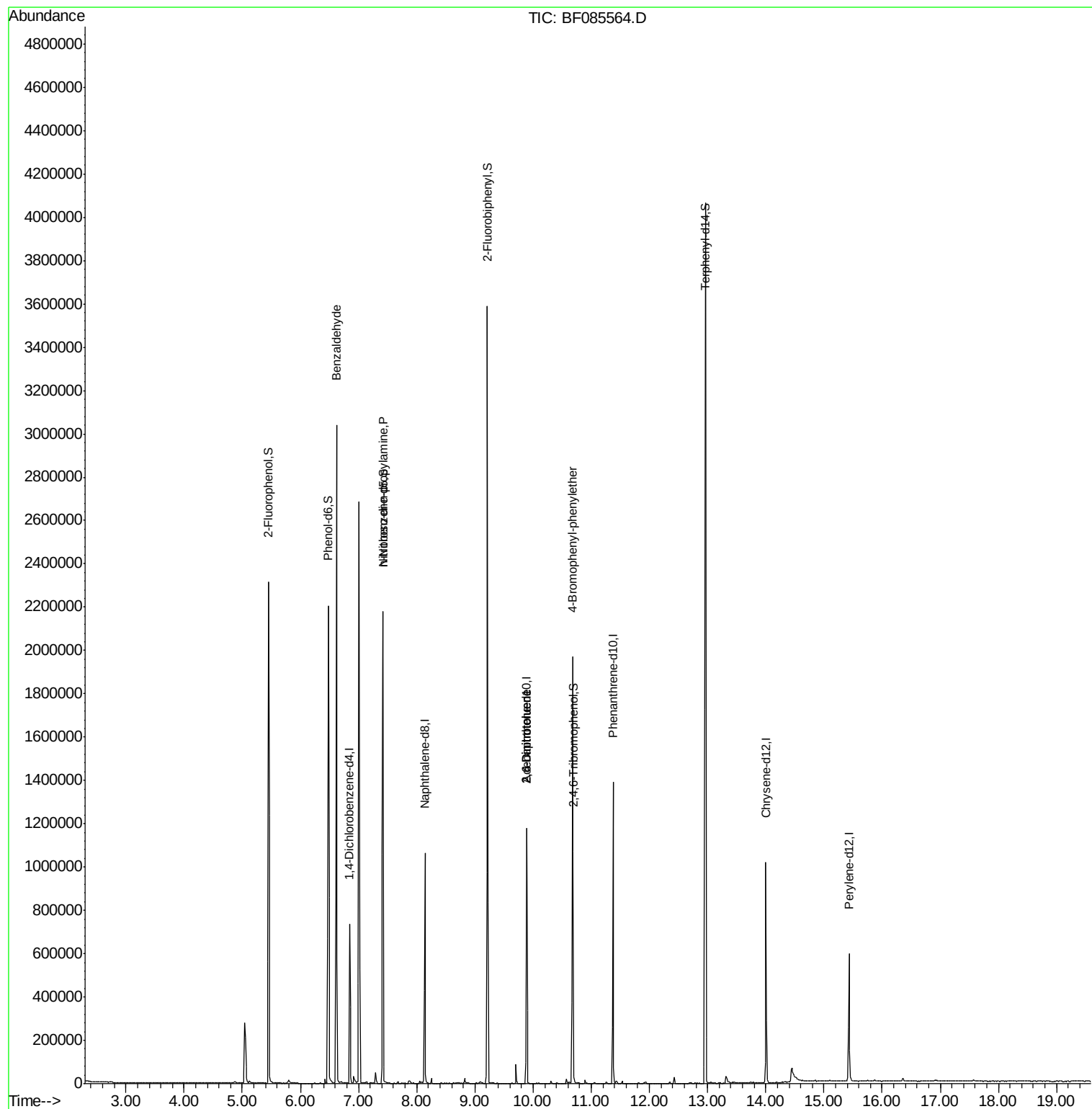
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	128140	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	538666	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	237123	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	479698	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	344300	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						
9) Benzaldehyde	6.62	77	19986	2.17	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.42	70	111566	19.09	ng	# 76
50) 2,6-Dinitrotoluene	9.89	165	30223	8.00	ng	# 19
56) 2,4-Dinitrotoluene	9.89	165	30224	6.11	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	20810	4.34	ng	# 1

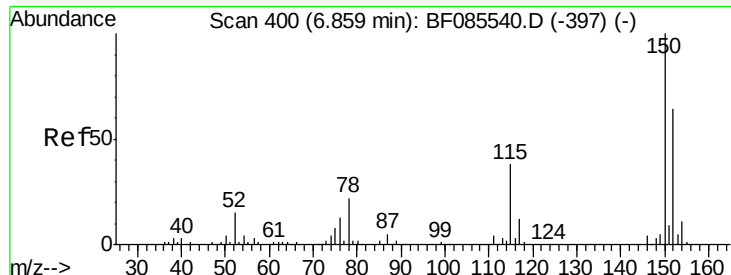
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

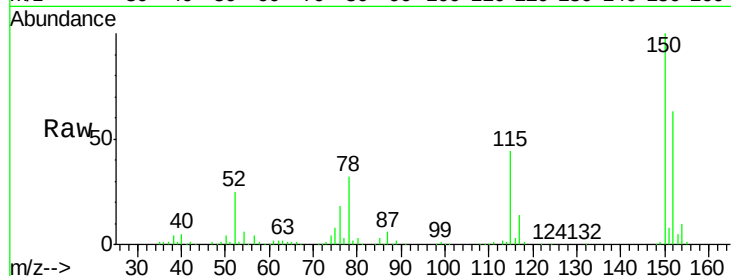
Tgt Ion:152 Resp: 128140

Ion Ratio Lower Upper

152 100

150 159.6 124.2 186.2

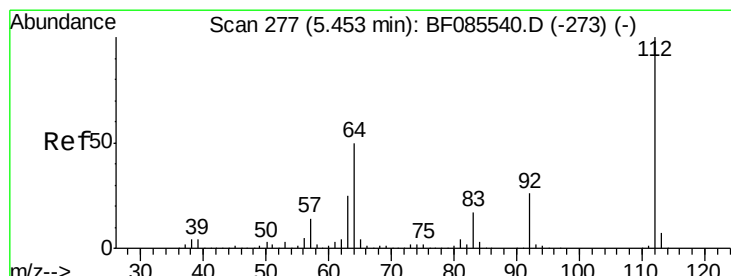
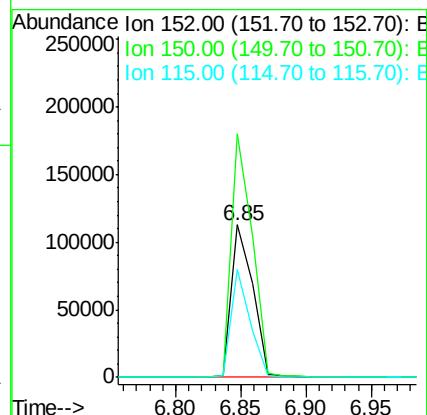
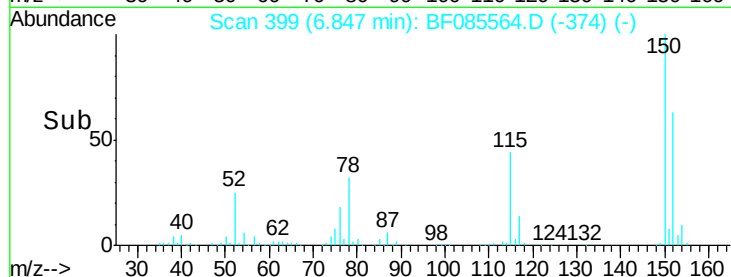
115 70.8 47.0 70.6#



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

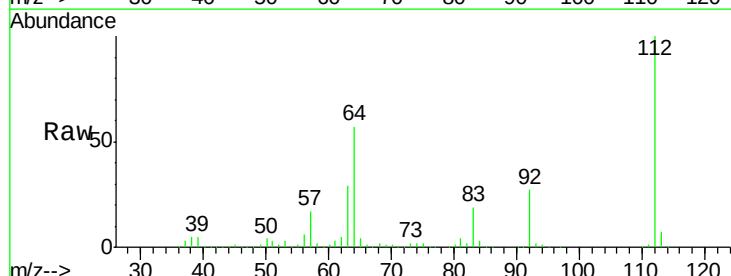
Tgt Ion:112 Resp: 914914

Ion Ratio Lower Upper

112 100

64 56.7 39.9 59.9

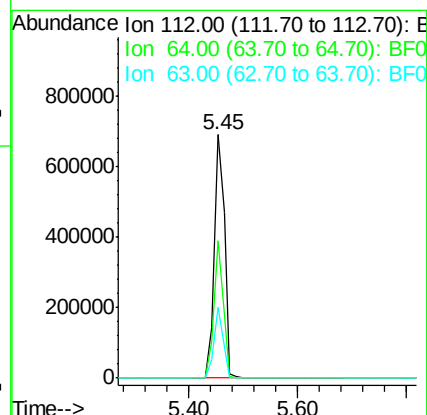
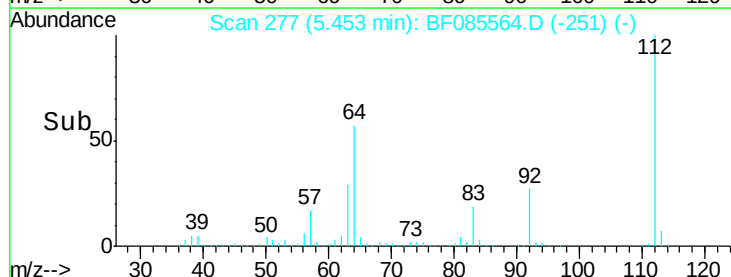
63 28.9 20.2 30.2

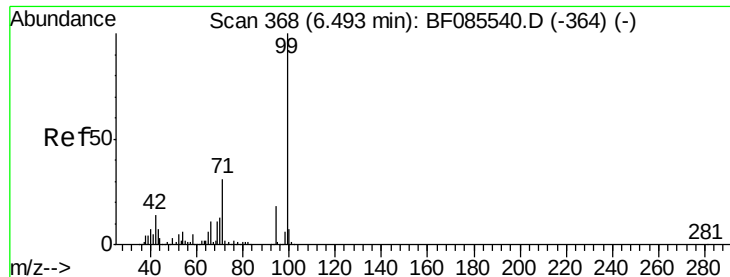


Abundance Ion 112.00 (111.70 to 112.70): E

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

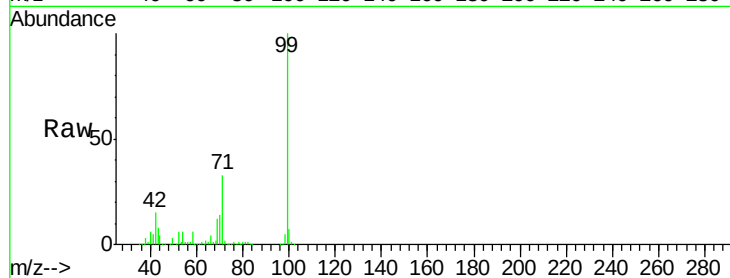
Tgt Ion: 99 Resp: 1039122

Ion Ratio Lower Upper

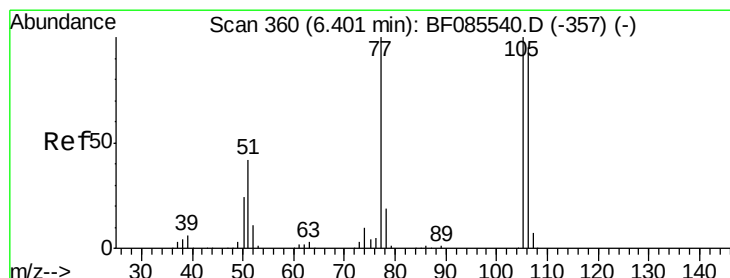
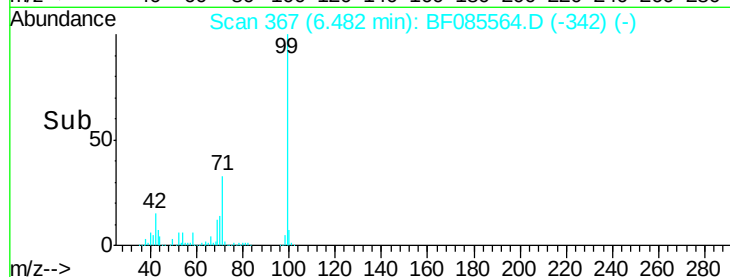
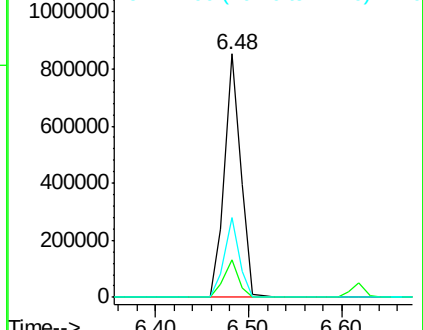
99 100

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



#9

Benzaldehyde

Concen: 2.17 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.22 min

Lab File: BF085564.D

Acq: 19 Mar 2016 9:50

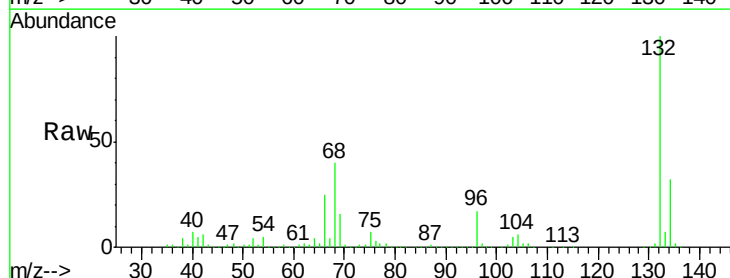
Tgt Ion: 77 Resp: 19986

Ion Ratio Lower Upper

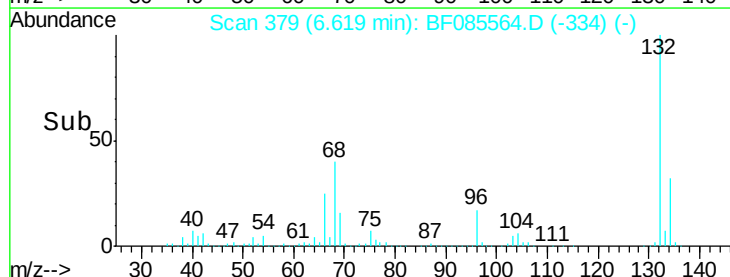
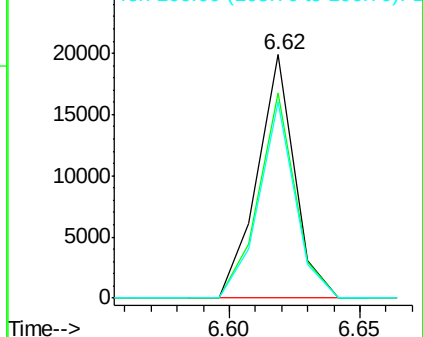
77 100

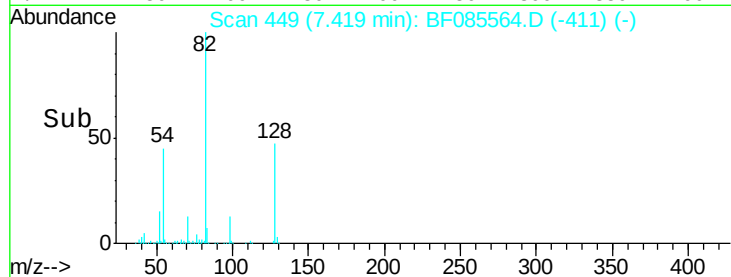
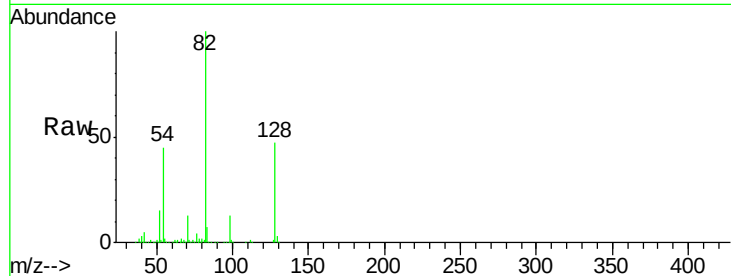
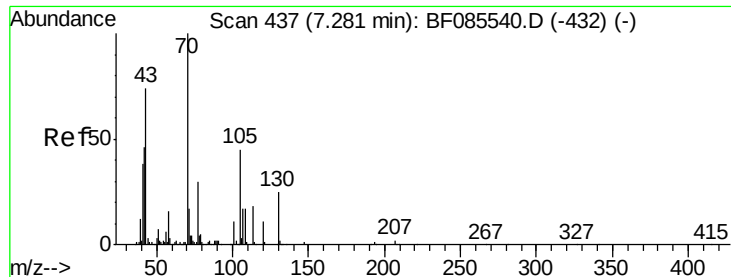
105 84.1 80.1 120.1

106 80.4 75.0 115.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

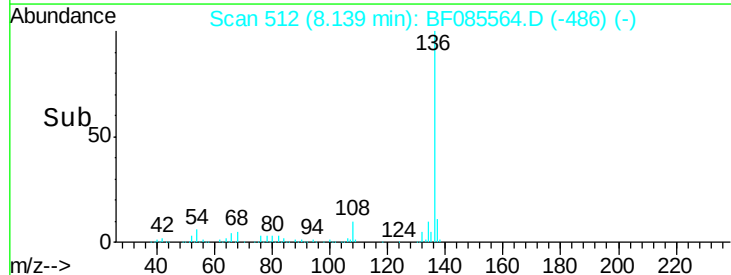
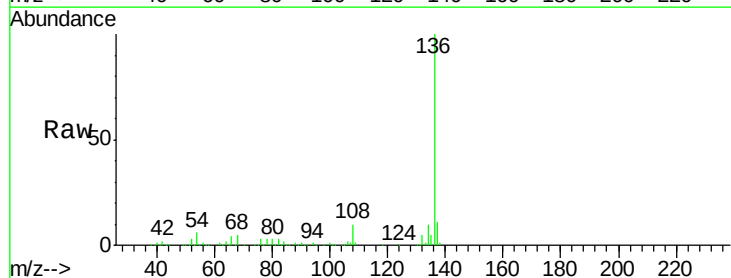
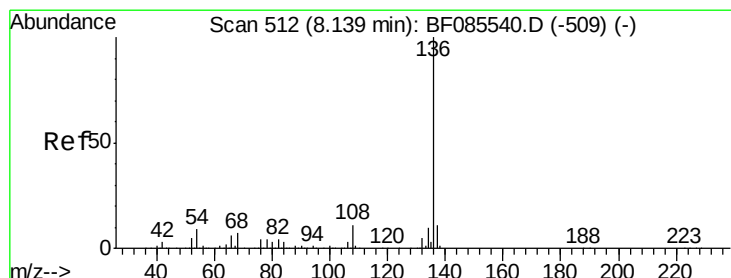
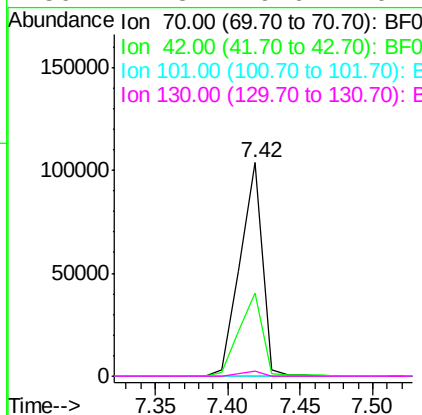




#19
n-Nitroso-di-n-propylamine
Concen: 19.09 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.14 min
Lab File: BF085564.D
Acq: 19 Mar 2016 9:50

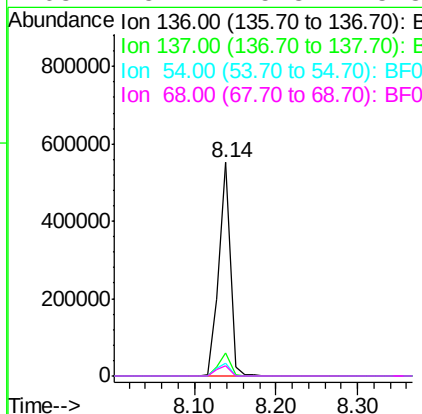
Instrument :
BNA_F
ClientSampleId :
WACC-WASTE-WATER-15

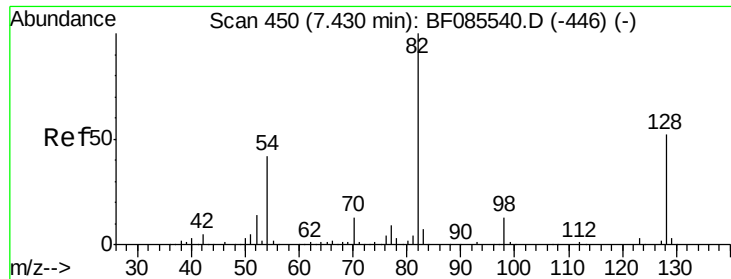
Tgt Ion:	70	Resp:	111566
Ion	Ratio	Lower	Upper
70	100		
42	38.8	37.1	55.7
101	0.0	8.6	12.8#
130	2.3	19.6	29.4#



#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#

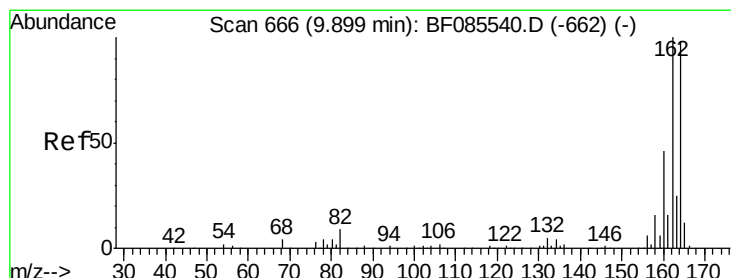
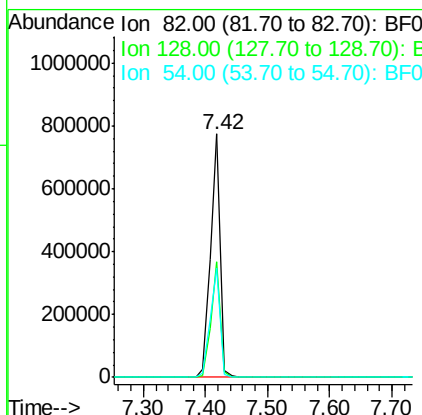
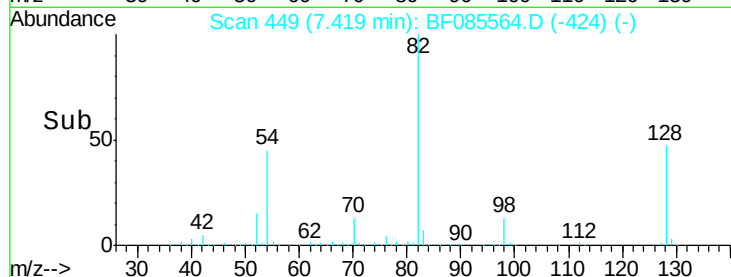
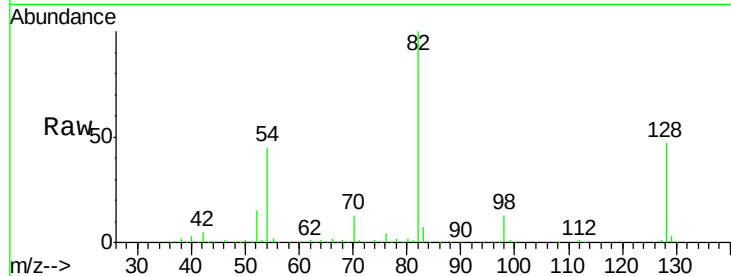




#23
 Nitrobenzene-d5
 Concen: 89.95 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085564.D
 Acq: 19 Mar 2016 9:50

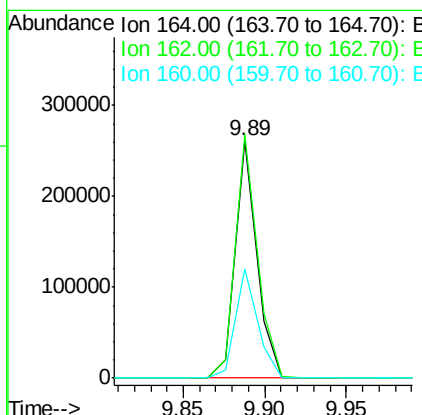
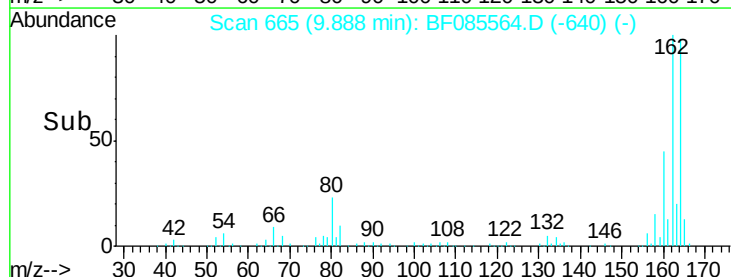
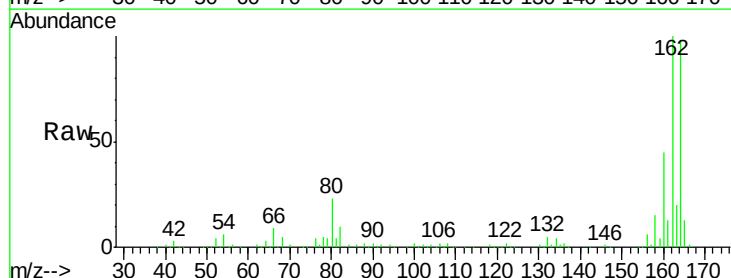
Instrument :
 BNA_F
 ClientSampleId :
 WACC-WASTE-WATER-15

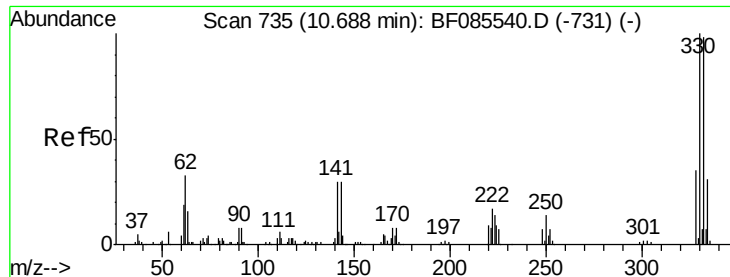
Tgt Ion: 82 Resp: 834694
 Ion Ratio Lower Upper
 82 100
 128 47.5 41.8 62.8
 54 44.6 33.4 50.0



#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

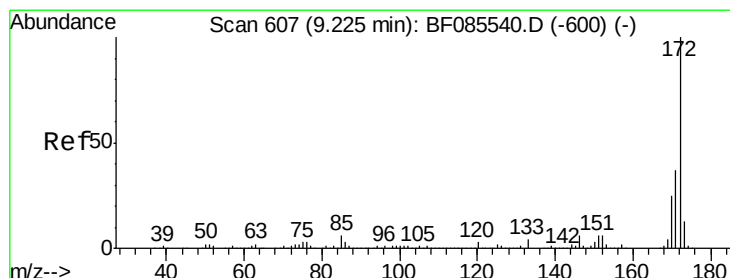
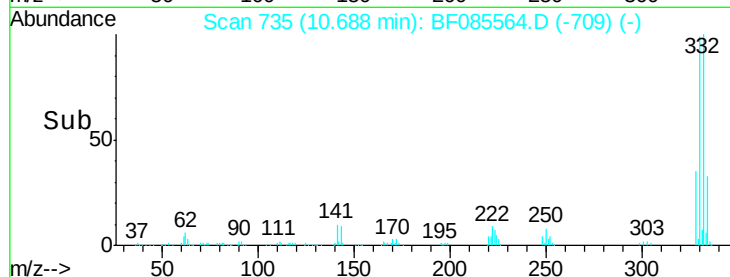
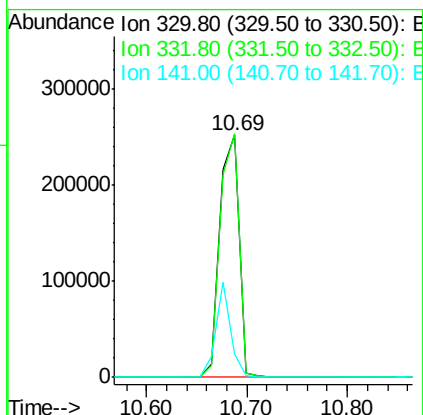
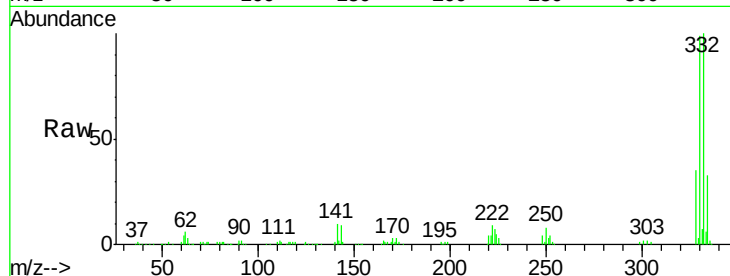




#41
 2,4,6-Tribromophenol
 Concen: 145.14 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085564.D
 Acq: 19 Mar 2016 9:50

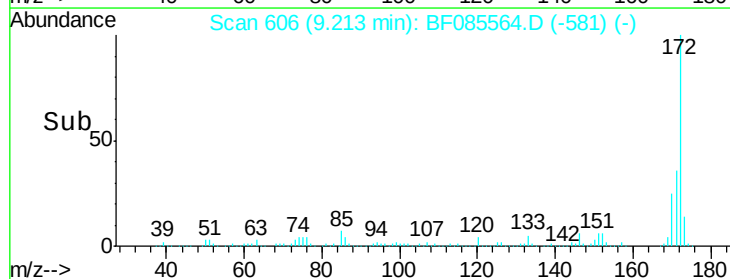
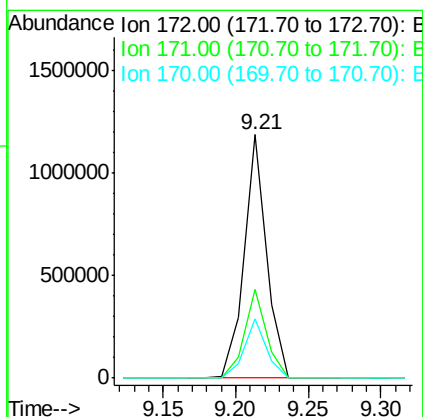
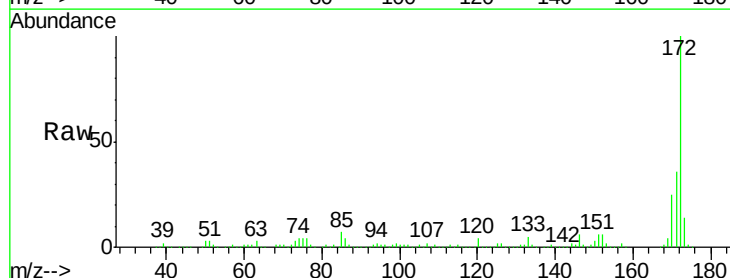
Instrument :
 BNA_F
 ClientSampleId :
 WACC-WASTE-WATER-15

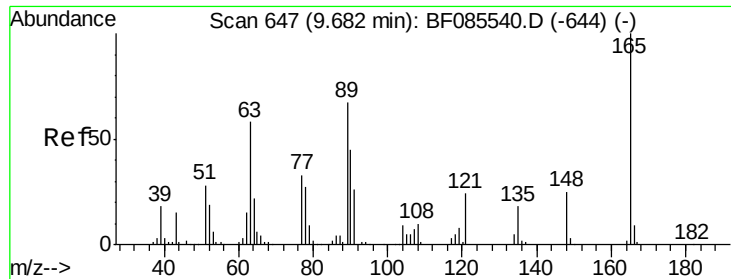
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.9	78.2	117.2
141	30.3	31.5	47.3#



#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

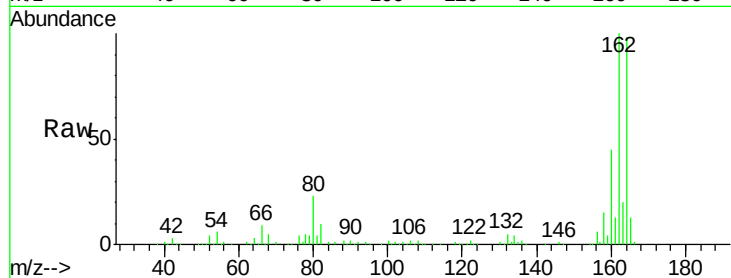




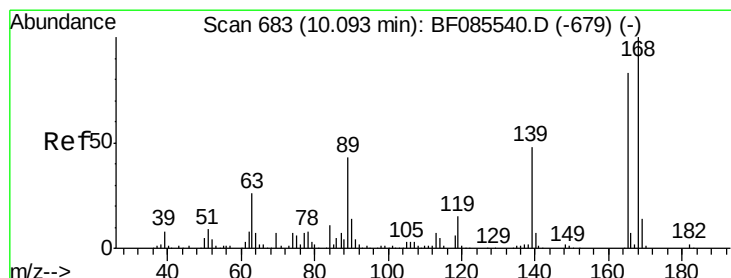
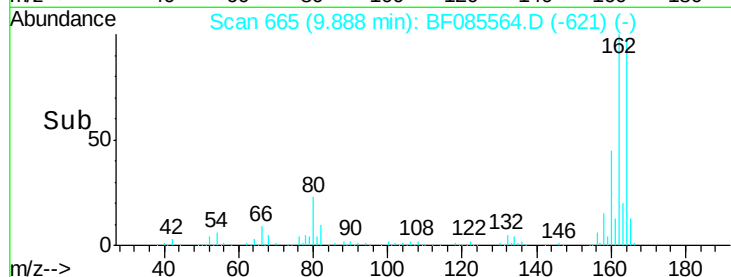
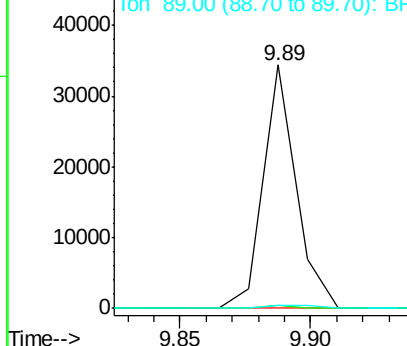
#50
2,6-Dinitrotoluene
Concen: 8.00 ng
RT: 9.89 min Scan# 665
Delta R.T. 0.21 min
Lab File: BF085564.D
Acq: 19 Mar 2016 9:50

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

Tgt Ion:165 Resp: 30223
Ion Ratio Lower Upper
165 100
63 1.3 51.8 77.8#
89 1.4 53.7 80.5#

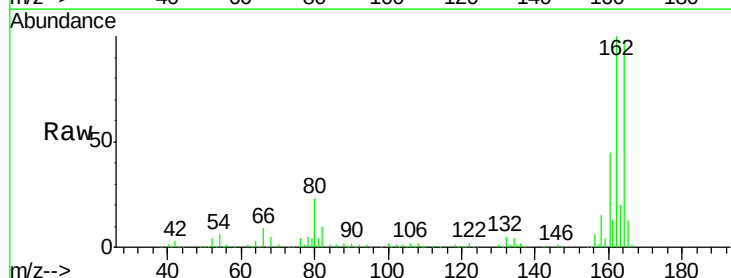


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

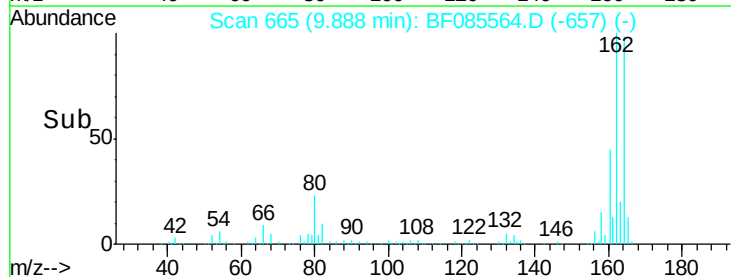
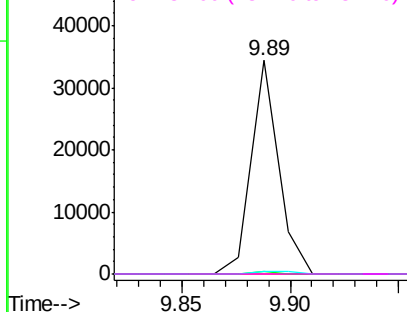


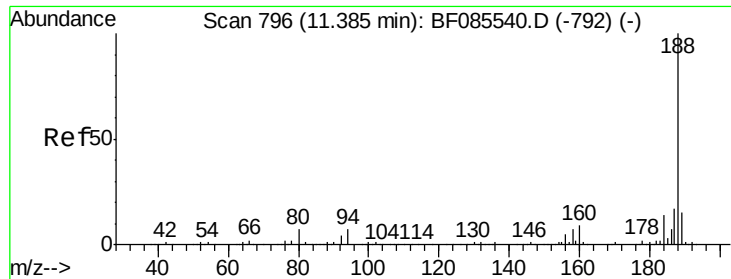
#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.21 min
Lab File: BF085564.D
Acq: 19 Mar 2016 9:50

Tgt Ion:165 Resp: 30224
Ion Ratio Lower Upper
165 100
63 1.3 24.9 37.3#
89 1.4 41.0 61.6#
182 0.0 2.1 3.1#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

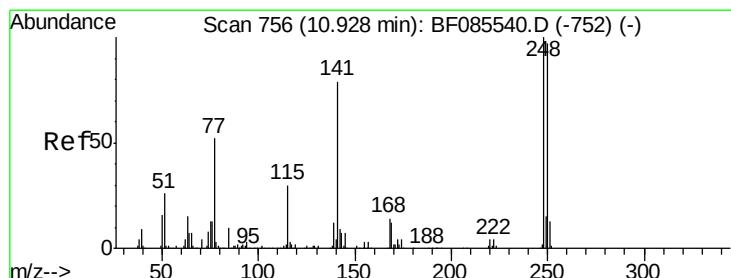
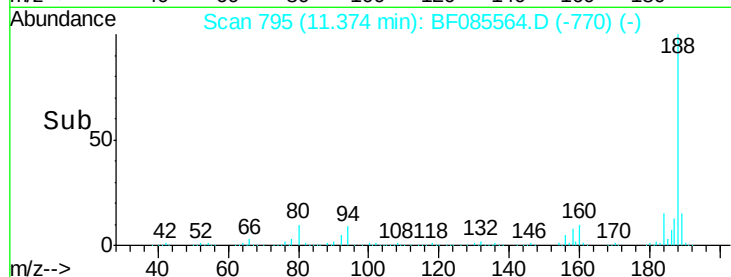
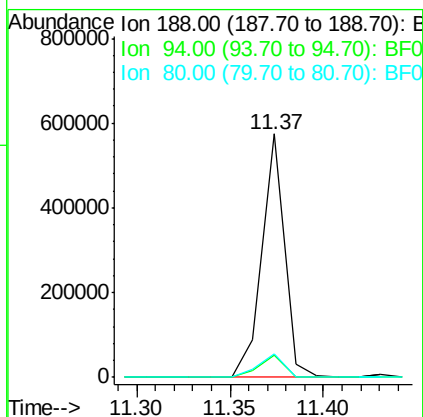
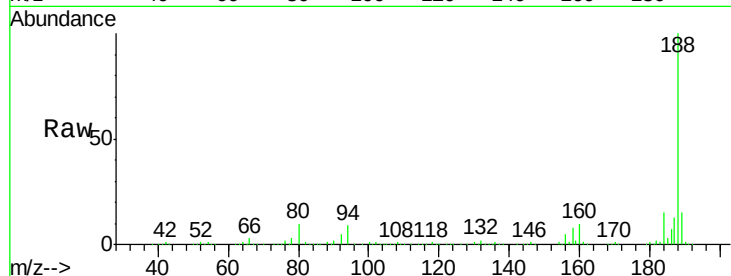




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF085564.D
 Acq: 19 Mar 2016 9:50

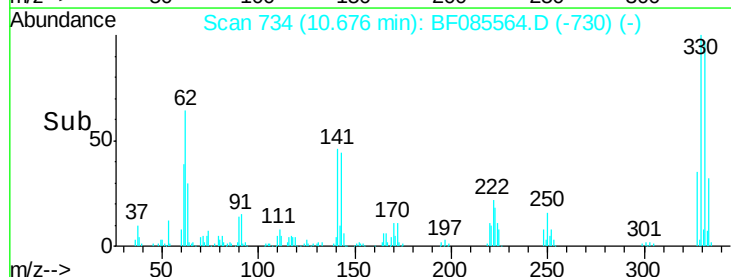
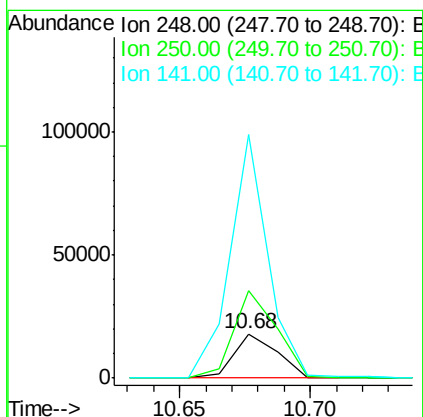
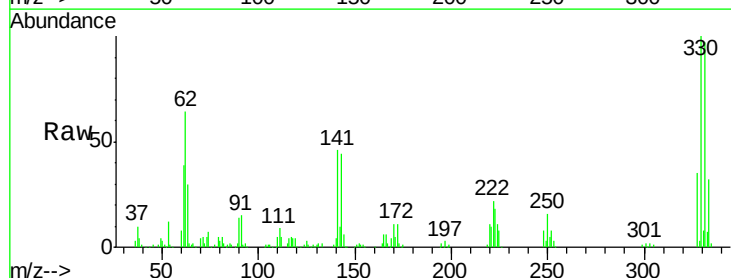
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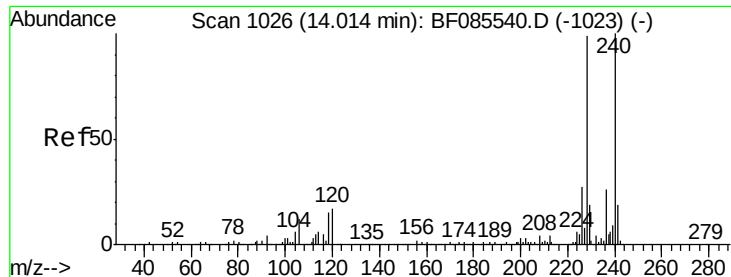
Tgt Ion:188 Resp: 479698
 Ion Ratio Lower Upper
 188 100
 94 9.1 5.4 8.0#
 80 9.7 5.5 8.3#



#66
 4-Bromophenyl-phenylether
 Concen: 4.34 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.25 min
 Lab File: BF085564.D
 Acq: 19 Mar 2016 9:50

Tgt Ion:248 Resp: 20810
 Ion Ratio Lower Upper
 248 100
 250 197.2 77.4 116.0#
 141 547.3 63.6 95.4#





#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

Instrument :

BNA_F

ClientSampleId :

WACC-WASTE-WATER-15

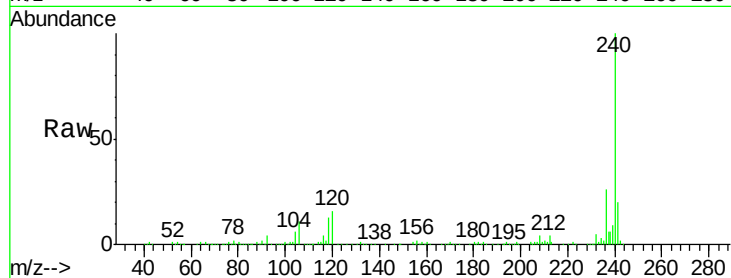
Tgt Ion:240 Resp: 344300

Ion Ratio Lower Upper

240 100

120 15.8 13.8 20.8

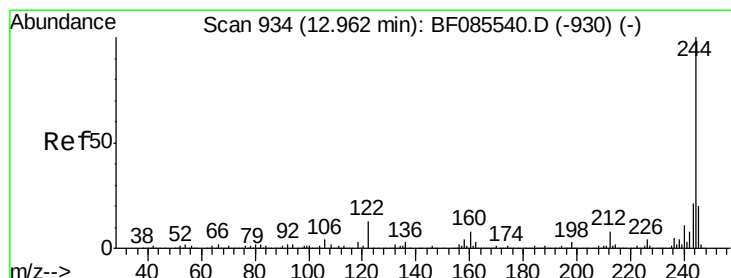
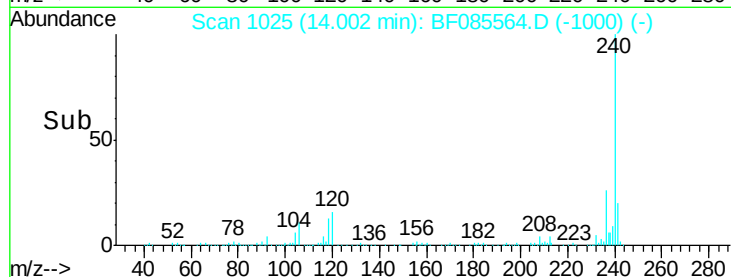
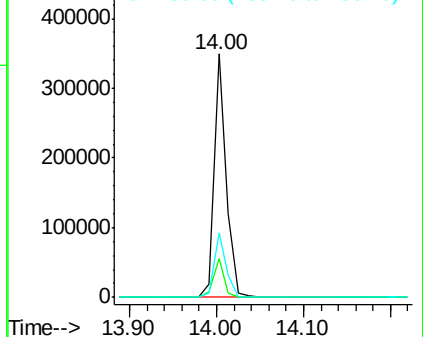
236 26.5 20.6 30.8



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

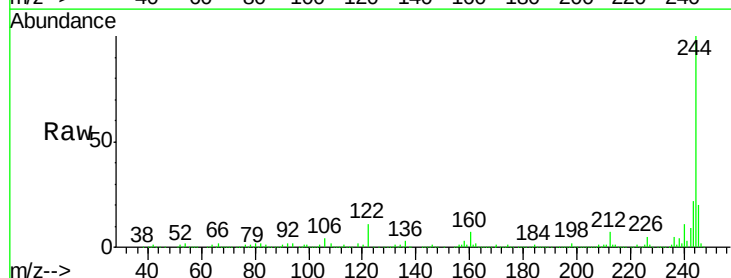
Tgt Ion:244 Resp: 1393440

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

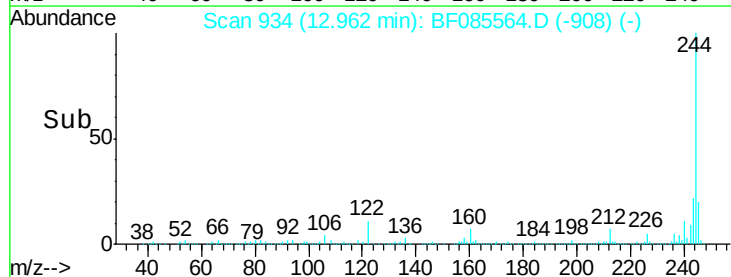
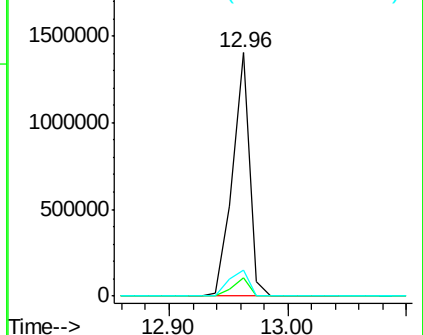
122 10.9 10.2 15.4

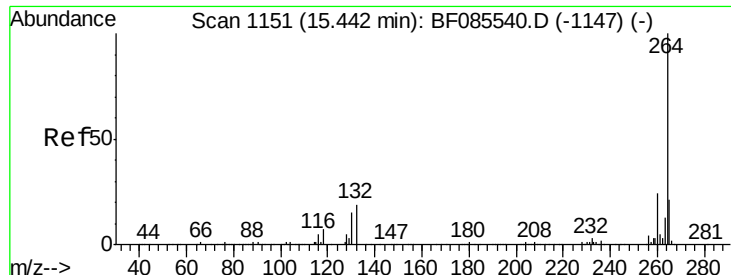


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

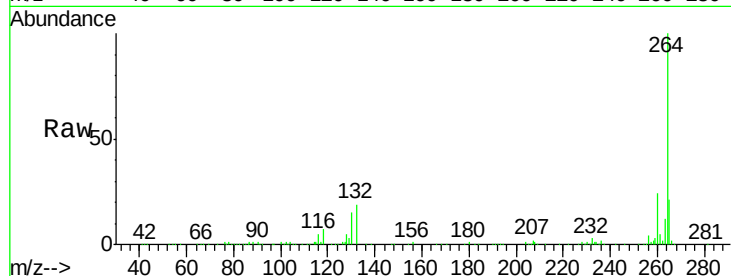




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF085564.D
Acq: 19 Mar 2016 9:50

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

Tgt 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

