

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085566.D
 Acq On : 19 Mar 2016 10:46
 Operator : UM/SJ
 Sample : H1797-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WACC-WASTE-DEBRIS-COMP

Quant Time: Mar 21 00:12:00 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

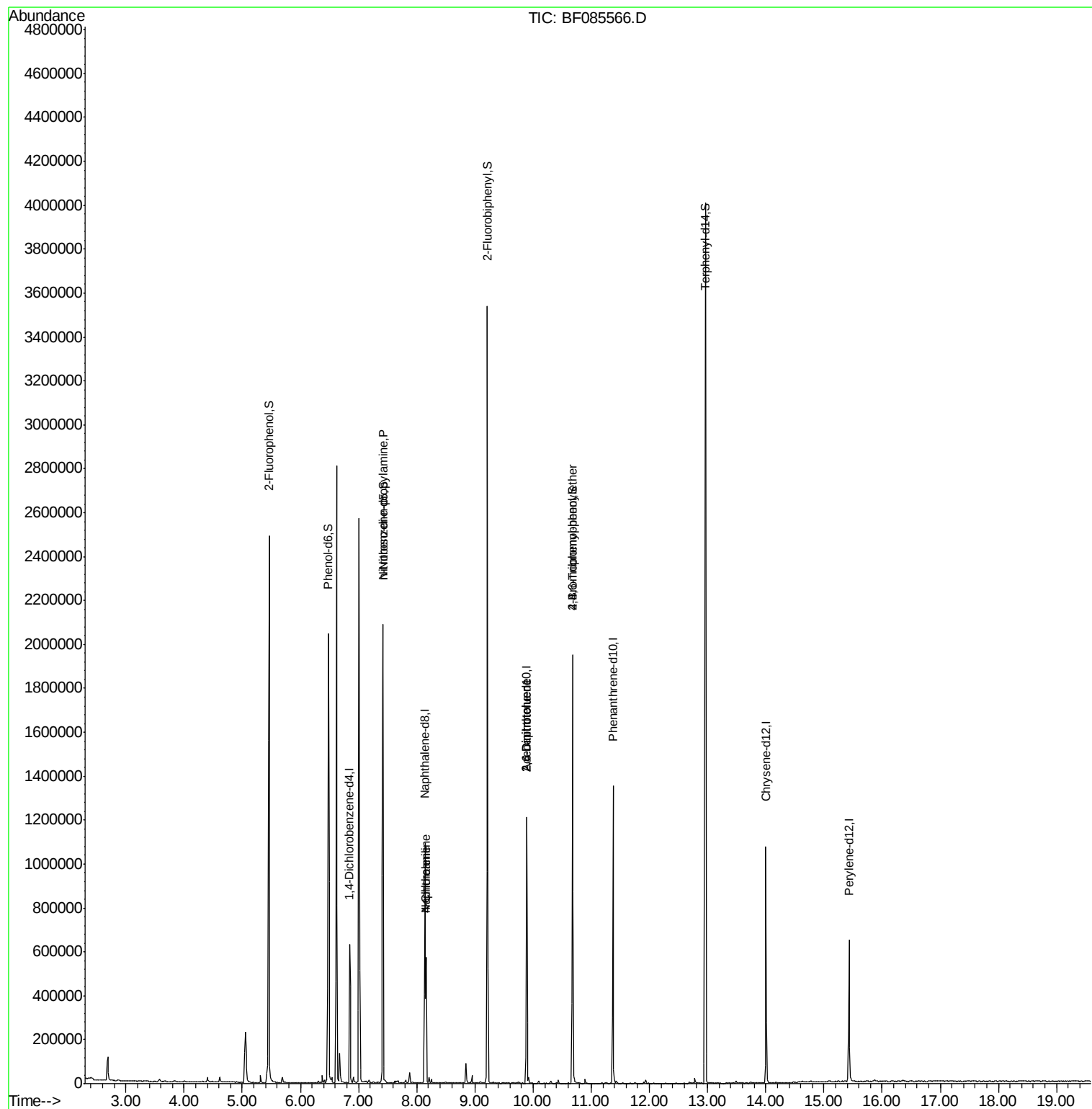
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	126010	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	532914	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	234503	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	475126	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	357460	20.00	ng	-0.01
86) Perylene-d12	15.43	264	272762	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	904296	120.54	ng	0.01
7) Phenol-d6	6.48	99	953489	99.10	ng	-0.01
23) Nitrobenzene-d5	7.42	82	778601	84.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	310497	135.17	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1175048	85.63	ng	-0.01
78) Terphenyl-d14	12.96	244	1362624	91.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	102732	17.87	ng	# 77
31) Naphthalene	8.16	128	331497	12.32	ng	98
33) 4-Chloroaniline	8.16	127	42866	3.89	ng	# 34
50) 2,6-Dinitrotoluene	9.89	165	30460	8.15	ng	# 19
56) 2,4-Dinitrotoluene	9.89	165	30462	6.23	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	18856	3.97	ng	# 1

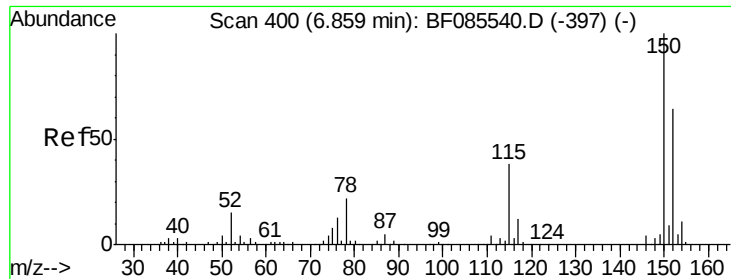
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085566.D

Acq: 19 Mar 2016 10:46

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WACC-WASTE-DEBRIS-COMP

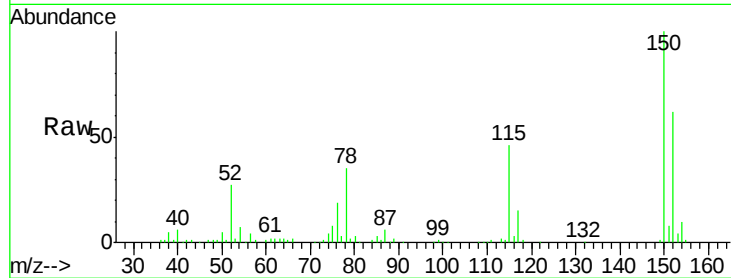
Tgt Ion:152 Resp: 126010

Ion Ratio Lower Upper

152 100

150 160.8 124.2 186.2

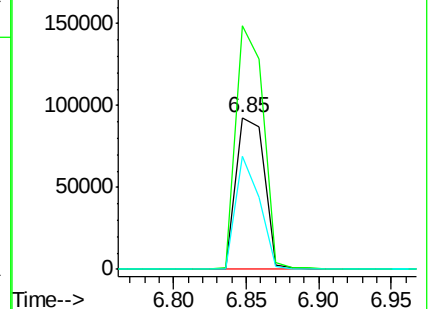
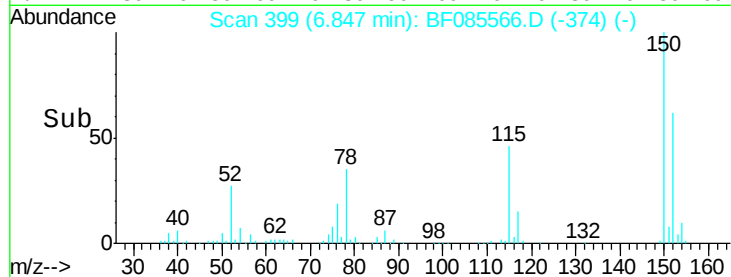
115 74.7 47.0 70.6#



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: 120.54 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085566.D

Acq: 19 Mar 2016 10:46

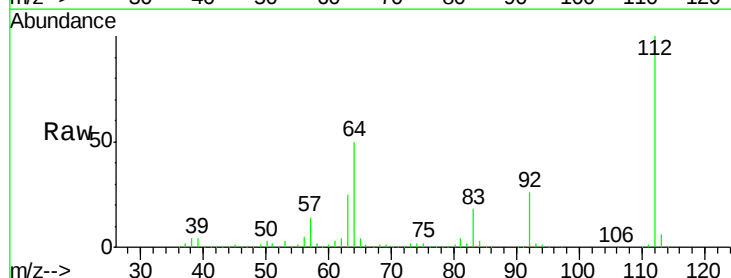
Tgt Ion:112 Resp: 904296

Ion Ratio Lower Upper

112 100

64 49.9 39.9 59.9

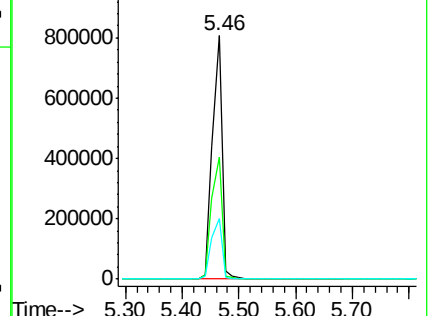
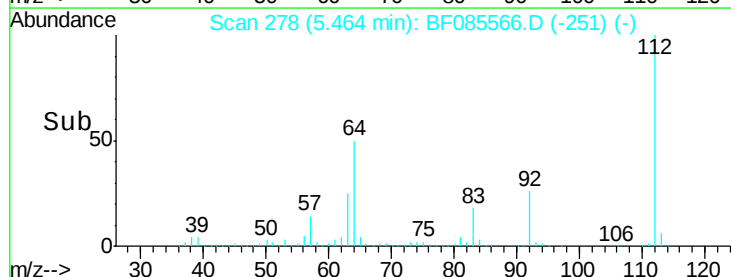
63 25.0 20.2 30.2

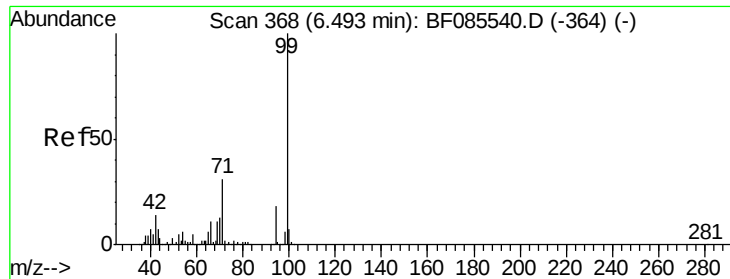


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.10 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085566.D

Acq: 19 Mar 2016 10:46

Instrument :

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ClientSampleId :

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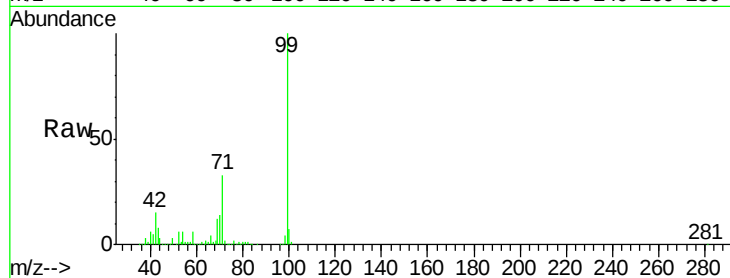
Tgt Ion: 99 Resp: 953489

Ion Ratio Lower Upper

99 100

42 15.5 11.1 16.7

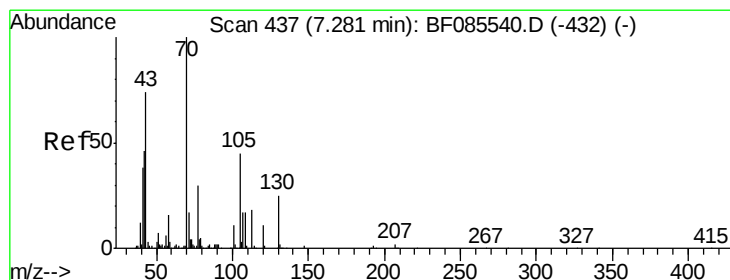
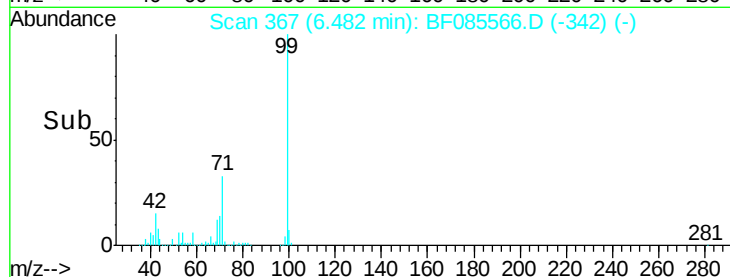
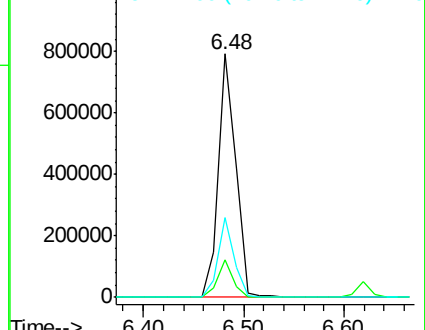
71 32.9 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.87 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.14 min

Lab File: BF085566.D

Acq: 19 Mar 2016 10:46

Tgt Ion: 70 Resp: 102732

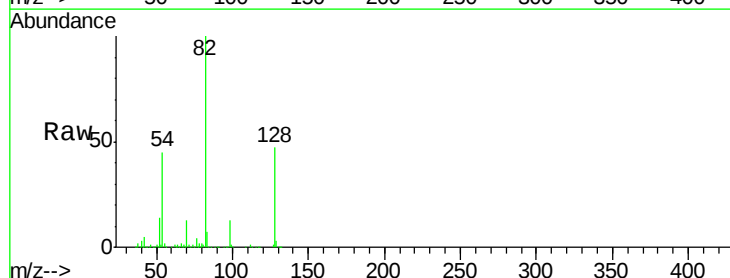
Ion Ratio Lower Upper

70 100

42 39.9 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#

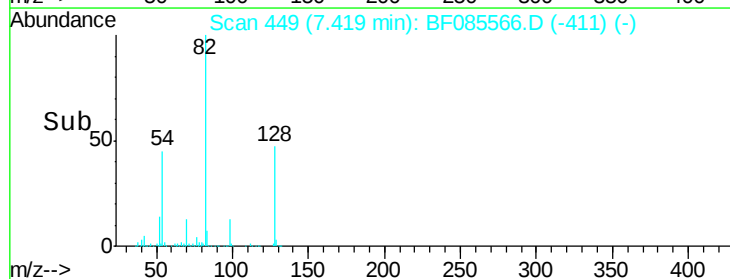
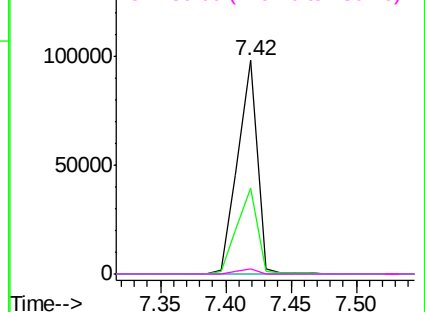


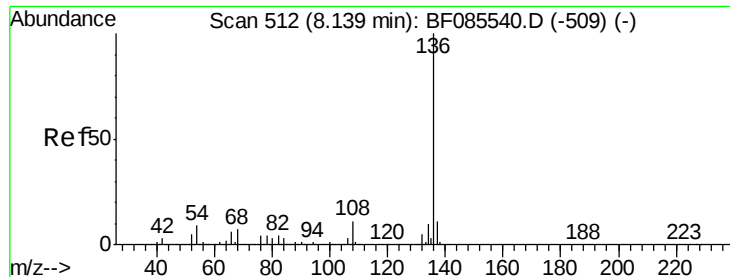
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

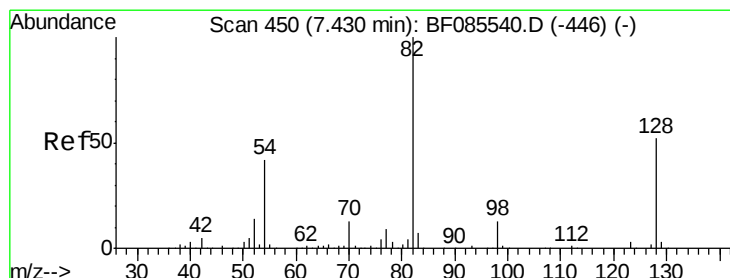
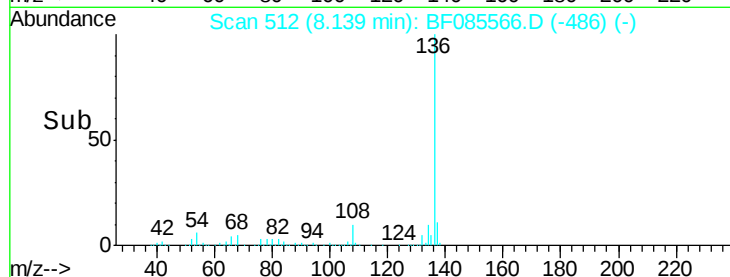
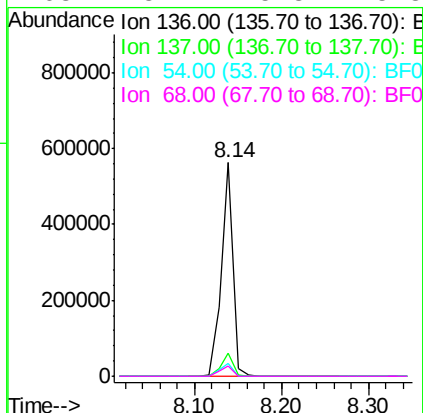
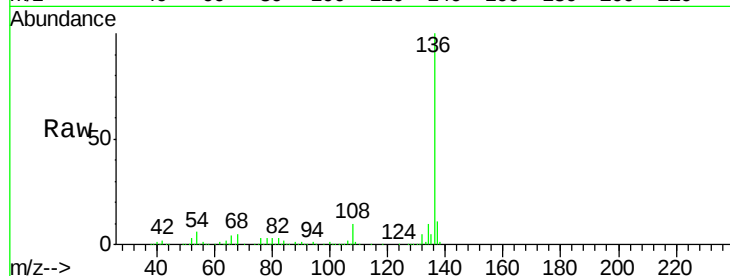




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

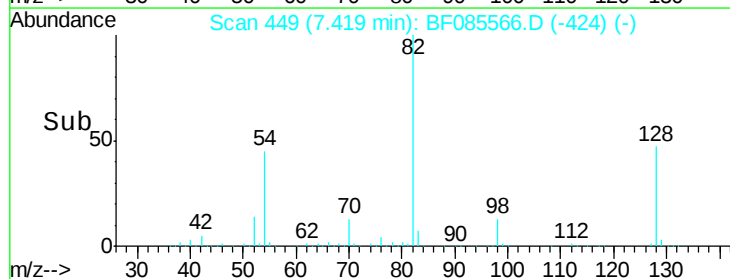
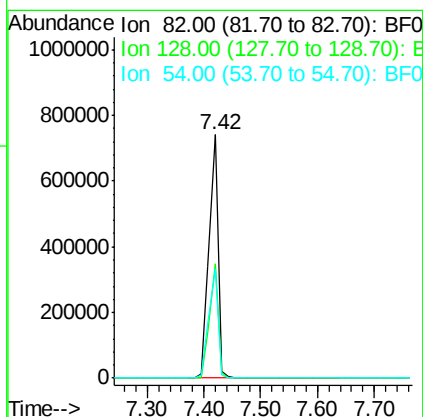
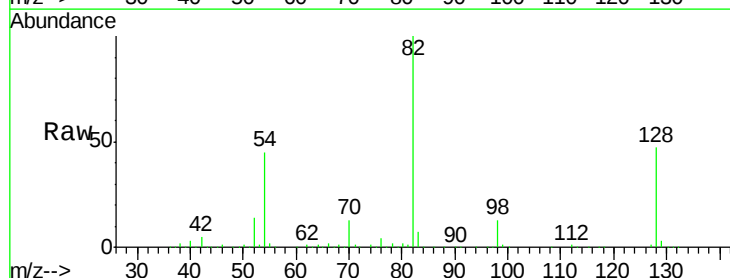
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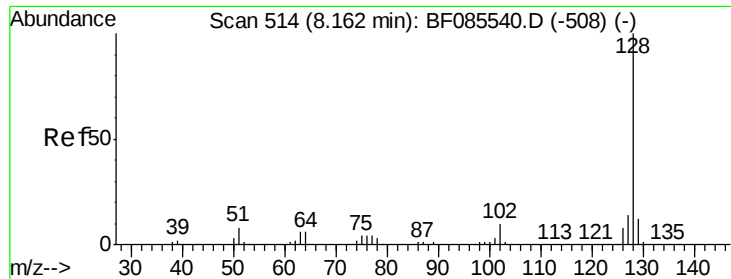
Tgt Ion:	136	Resp:	532914
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.1	7.4	11.0#
68	5.1	5.8	8.8#



#23
Nitrobenzene-d5
Concen: 84.81 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

Tgt Ion:	82	Resp:	778601
Ion	Ratio	Lower	Upper
82	100		
128	47.2	41.8	62.8
54	44.8	33.4	50.0

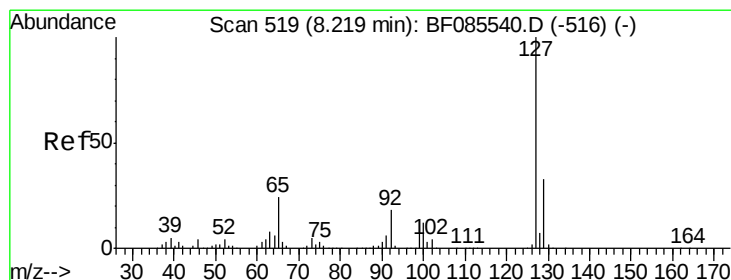
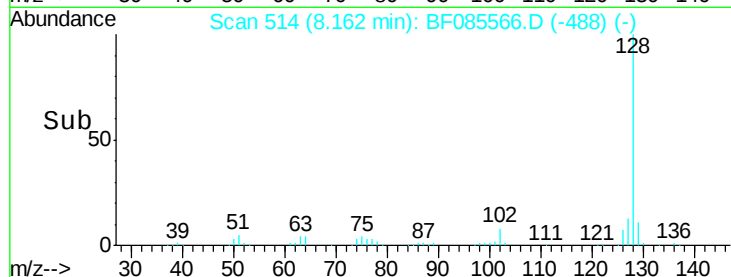
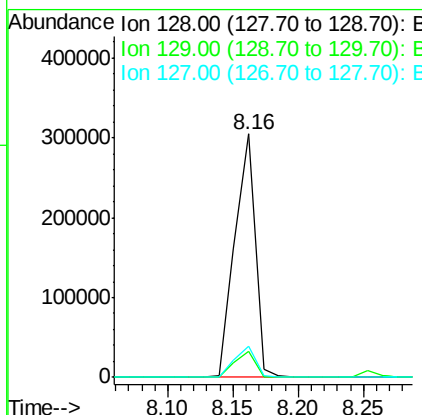
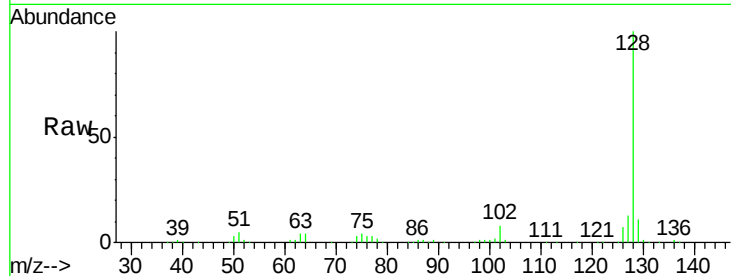




#31
Naphthalene
Concen: 12.32 ng
RT: 8.16 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

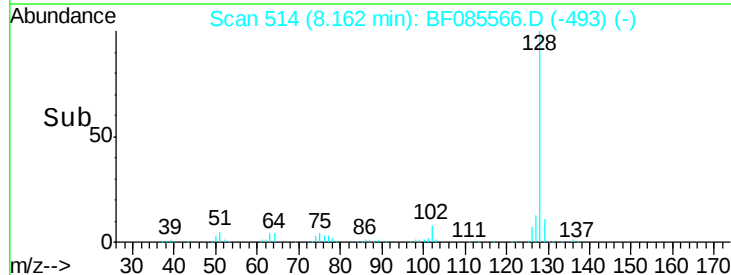
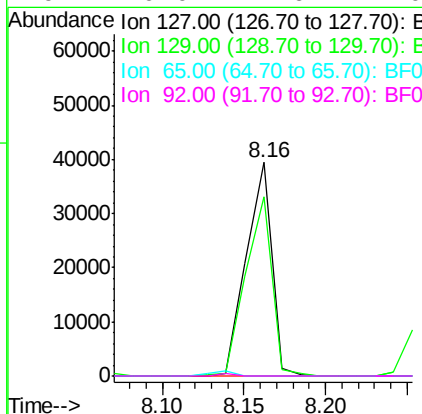
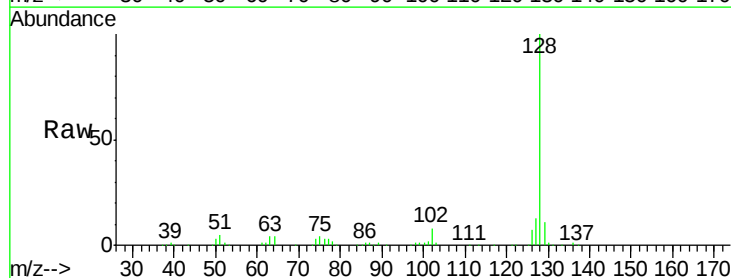
Instrument :
BNA_F
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WACC-WASTE-DEBRIS-COMP

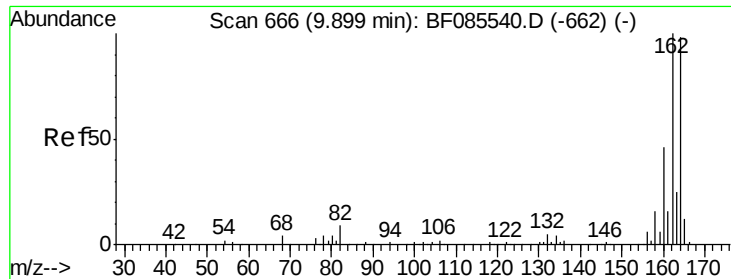
Tgt Ion:128 Resp: 331497
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 12.9 11.0 16.6



#33
4-Chloroaniline
Concen: 3.89 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.06 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

Tgt Ion:127 Resp: 42866
Ion Ratio Lower Upper
127 100
129 84.1 26.1 39.1#
65 0.0 19.5 29.3#
92 0.0 14.6 22.0#

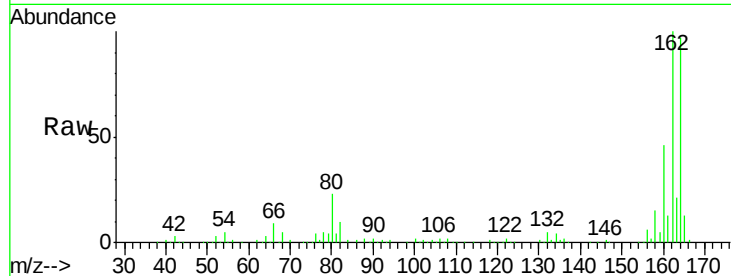




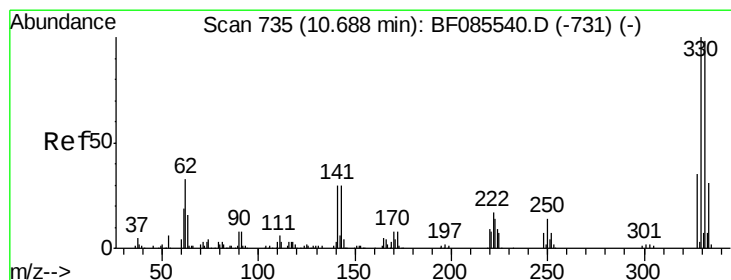
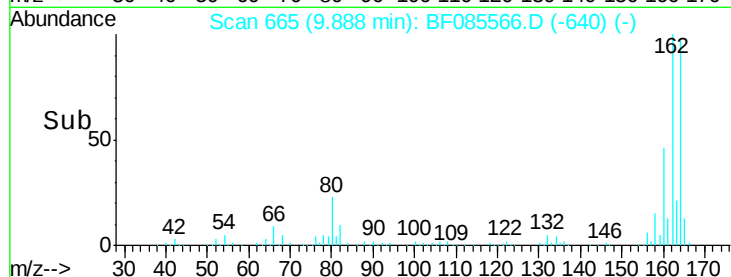
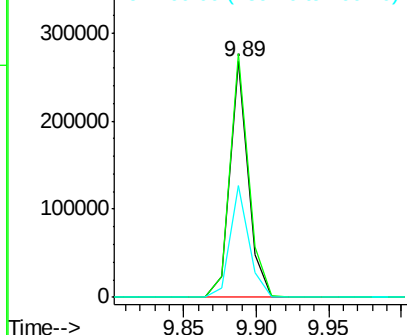
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085566.D
 Acq: 19 Mar 2016 10:46

Instrument :
 BNA_F
 ClientSampleId :
 WACC-WASTE-DEBRIS-COMP

Tgt Ion:164 Resp: 234503
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.1 123.1
 160 47.2 37.4 56.2

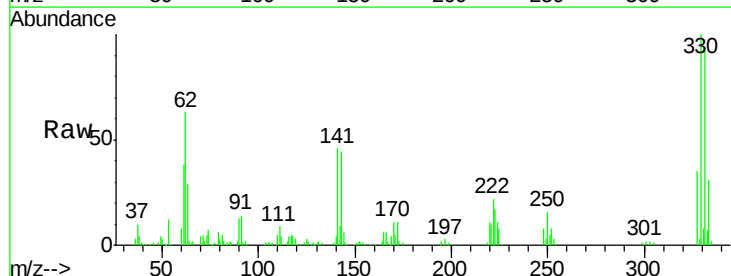


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

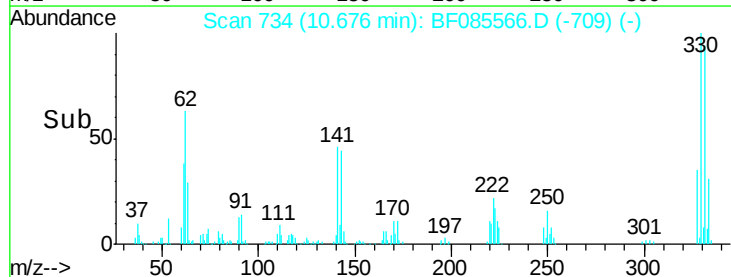
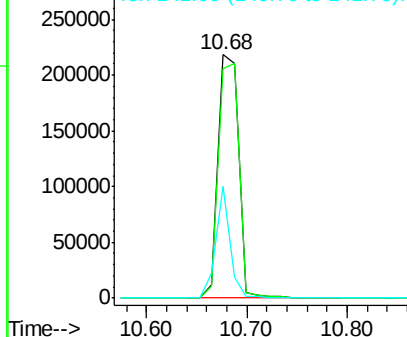


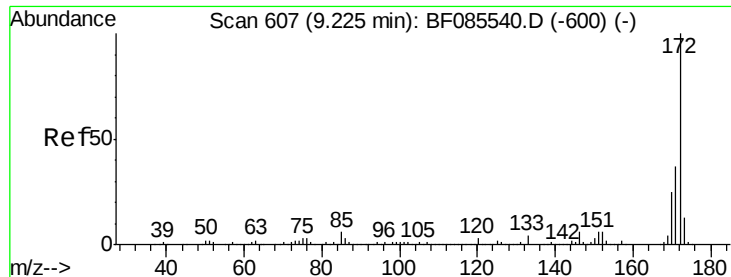
#41
 2,4,6-Tribromophenol
 Concen: 135.17 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085566.D
 Acq: 19 Mar 2016 10:46

Tgt Ion:330 Resp: 310497
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.2 117.2
 141 32.2 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

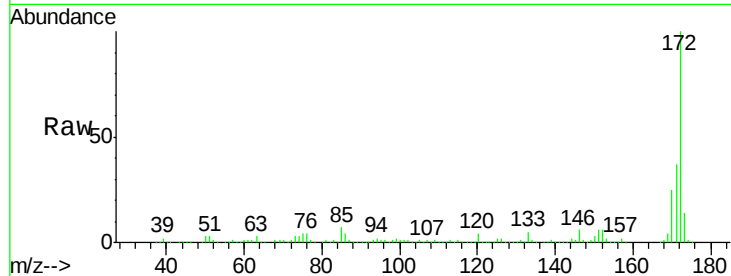




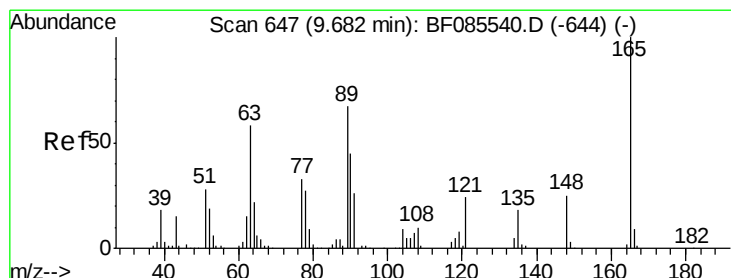
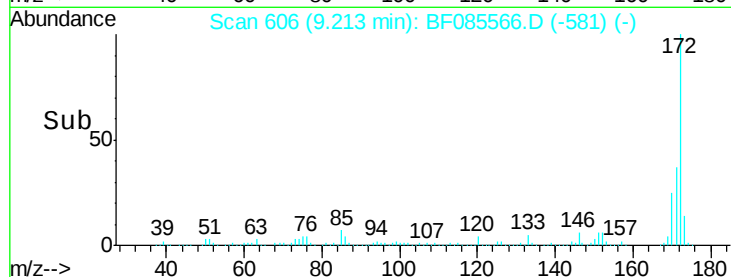
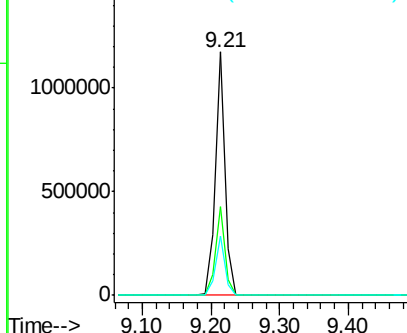
#44
 2-Fluorobiphenyl
 Concen: 85.63 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085566.D
 Acq: 19 Mar 2016 10:46

Instrument :
 BNA_F
 ClientSampleId :
 WACC-WASTE-DEBRIS-COMP

Tgt Ion:172 Resp: 1175048
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.5 19.8 29.6

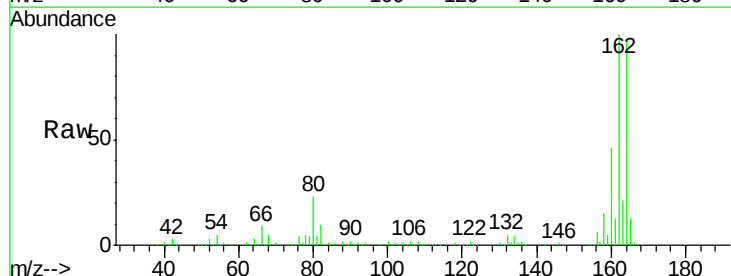


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

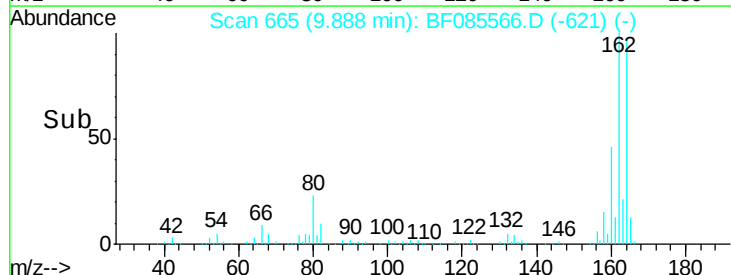
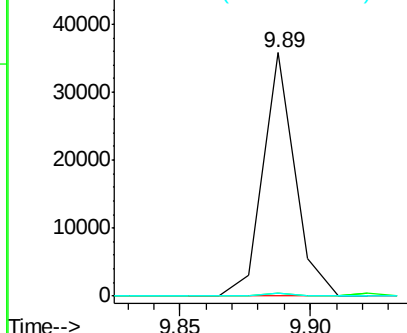


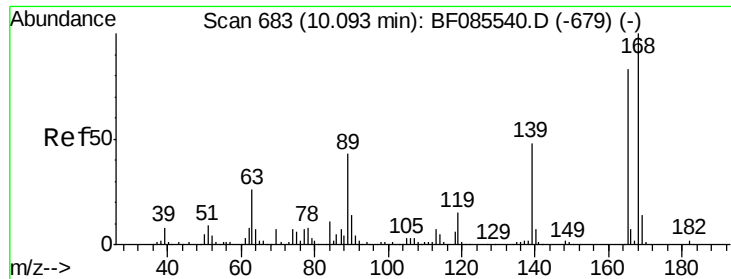
#50
 2,6-Dinitrotoluene
 Concen: 8.15 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.21 min
 Lab File: BF085566.D
 Acq: 19 Mar 2016 10:46

Tgt Ion:165 Resp: 30460
 Ion Ratio Lower Upper
 165 100
 63 1.2 51.8 77.8#
 89 1.3 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

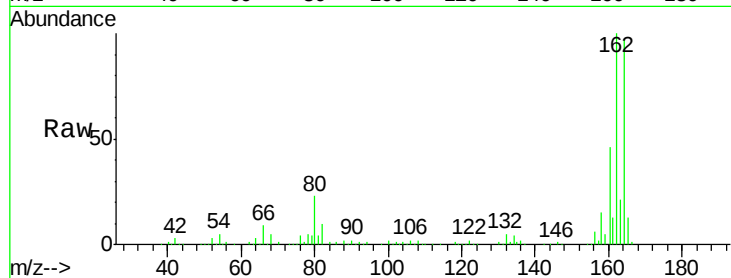




#56
 2,4-Dinitrotoluene
 Concen: 6.23 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.21 min
 Lab File: BF085566.D
 Acq: 19 Mar 2016 10:46

Instrument :
 BNA_F
 ClientSampleId :
 WACC-WASTE-DEBRIS-COMP

Tgt Ion:	165	Resp:	30462
Ion	Ratio	Lower	Upper
165	100		
63	1.2	24.9	37.3#
89	1.3	41.0	61.6#
182	0.0	2.1	3.1#

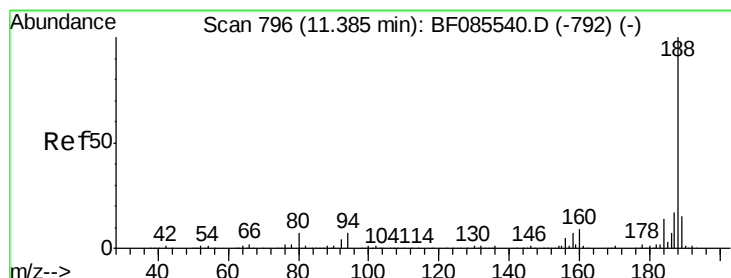
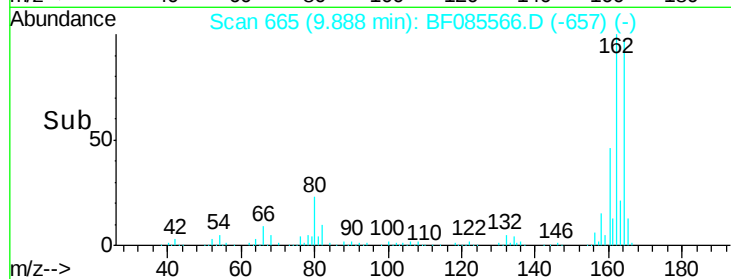
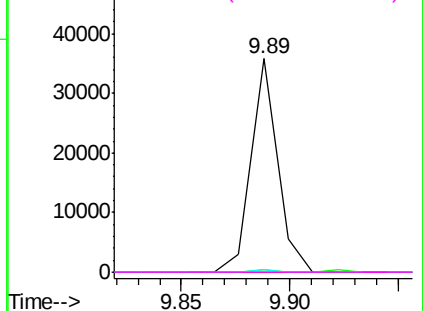


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

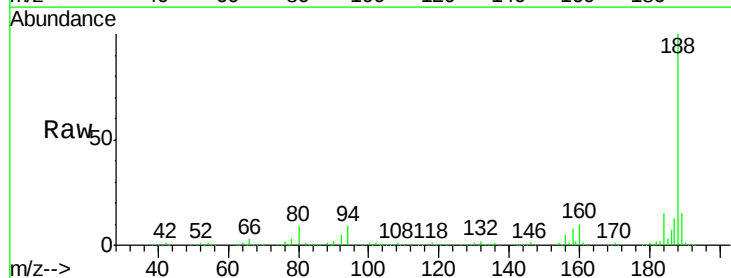
Ion 89.00 (88.70 to 89.70): BF0

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: BF085566.D
 Acq: 19 Mar 2016 10:46

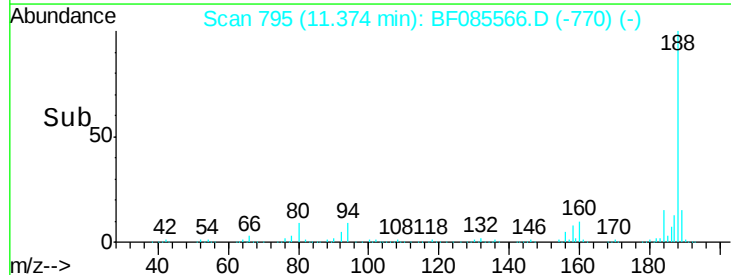
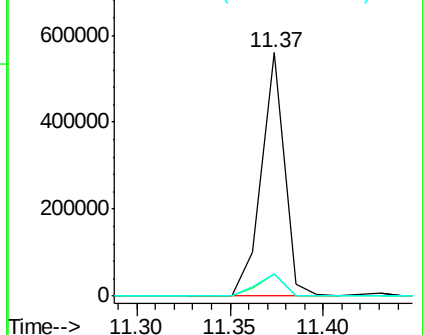
Tgt Ion:	188	Resp:	475126
Ion	Ratio	Lower	Upper
188	100		
94	9.0	5.4	8.0#
80	9.1	5.5	8.3#

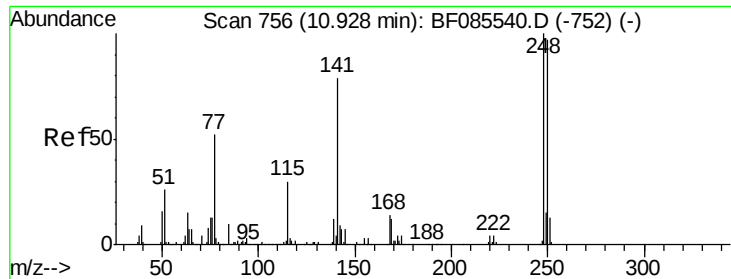


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.97 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.25 min

Lab File: BF085566.D

Acq: 19 Mar 2016 10:46

Instrument :

BNA_F

ClientSampleId :

WACC-WASTE-DEBRIS-COMP

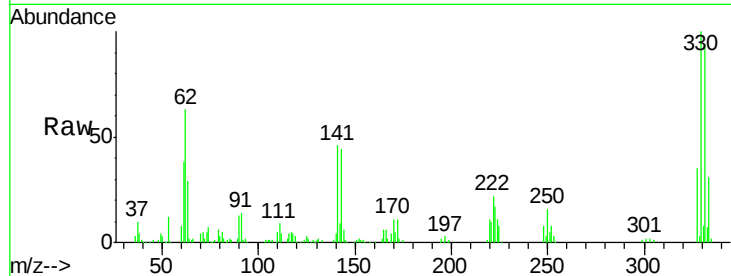
Tgt Ion:248 Resp: 18856

Ion Ratio Lower Upper

248 100

250 197.3 77.4 116.0#

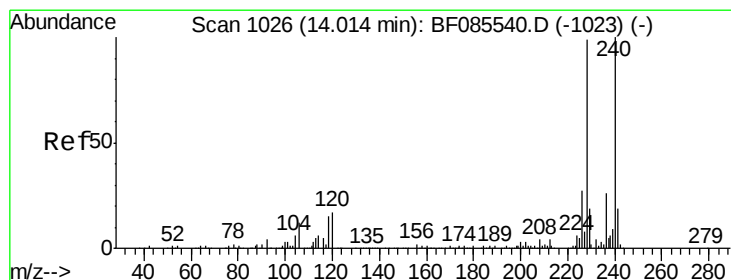
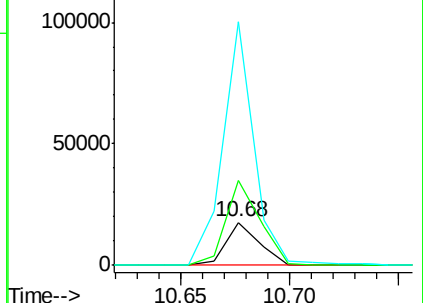
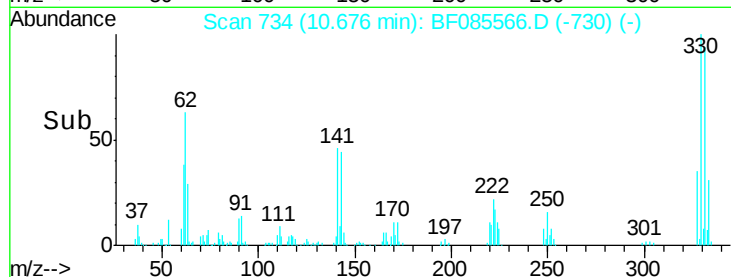
141 569.7 63.6 95.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085566.D

Acq: 19 Mar 2016 10:46

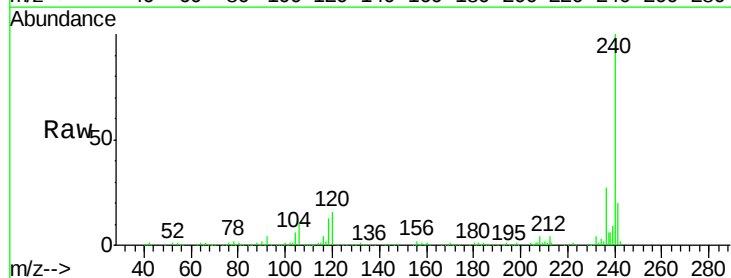
Tgt Ion:240 Resp: 357460

Ion Ratio Lower Upper

240 100

120 16.0 13.8 20.8

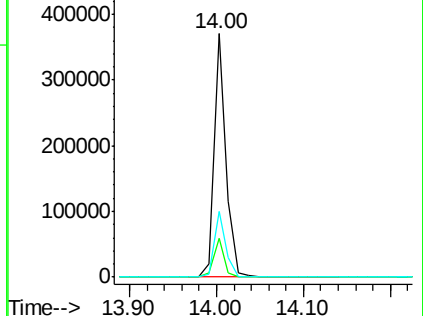
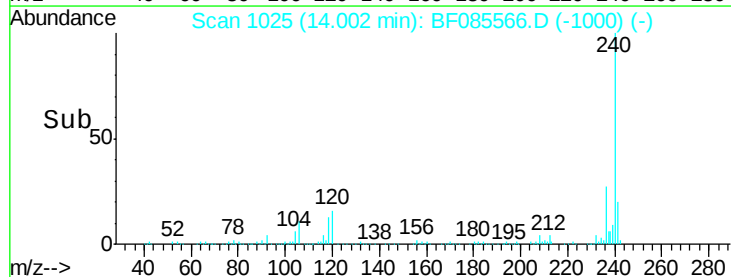
236 26.8 20.6 30.8

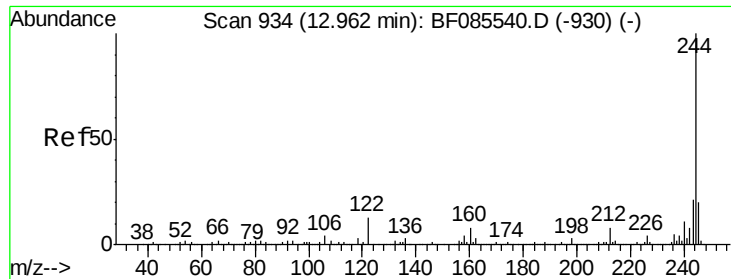


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

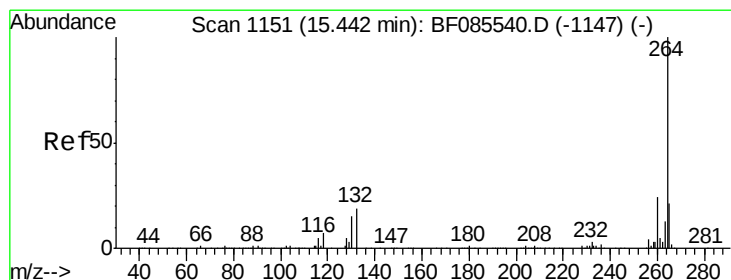
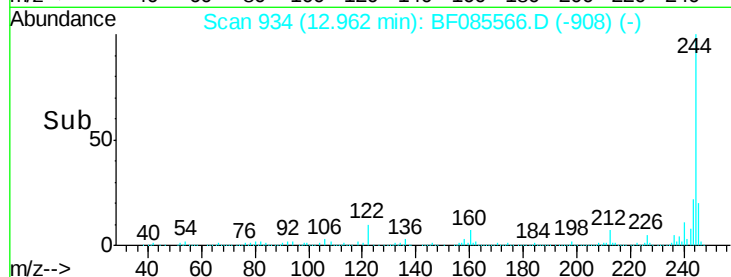
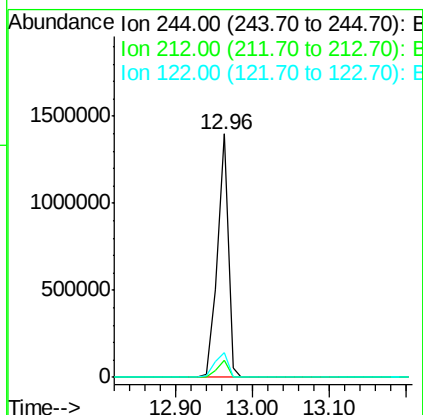
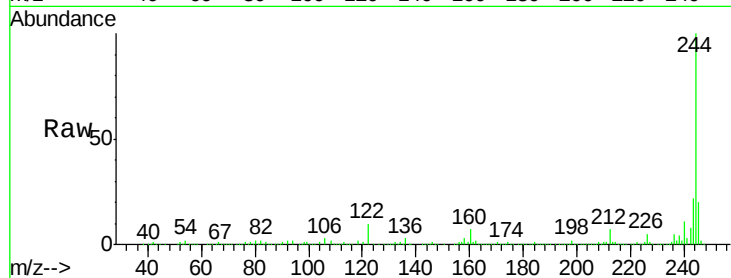




#78
 Terphenyl-d14
 Concen: 91.73 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085566.D
 Acq: 19 Mar 2016 10:46

Instrument :
 BNA_F
 ClientSampleId :
 WACC-WASTE-DEBRIS-COMP

Tgt Ion:244 Resp: 1362624
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.2 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: BF085566.D
 Acq: 19 Mar 2016 10:46

Tgt Ion:264 Resp: 272762
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.6 17.2 25.8

