

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085565.D
 Acq On : 19 Mar 2016 10:18
 Operator : UM/SJ
 Sample : H1797-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Mar 21 00:11:44 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

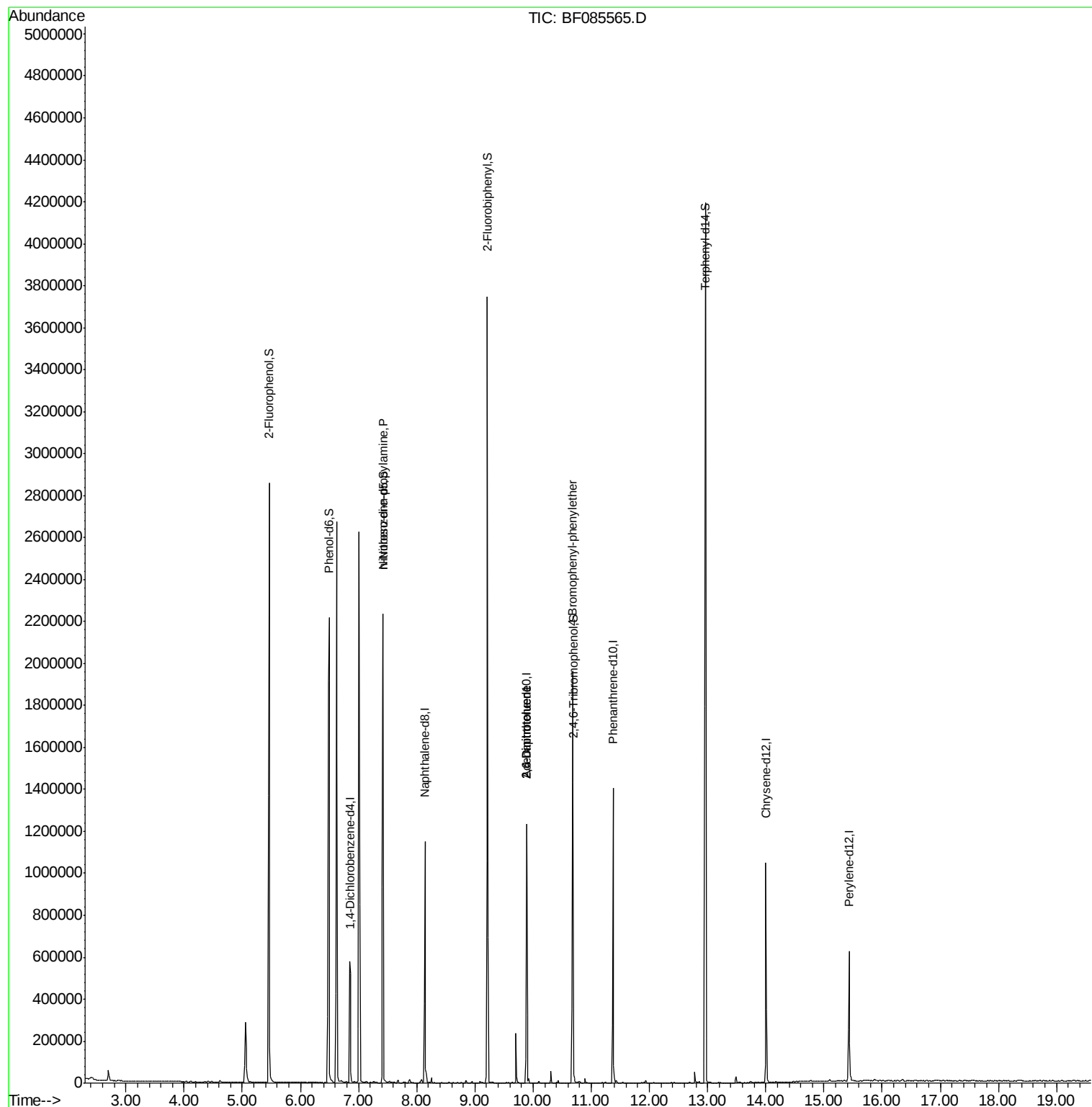
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	129822	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	550834	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	245375	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	482358	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	374785	20.00	ng	-0.01
86) Perylene-d12	15.43	264	270983	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	935308	121.01	ng	0.01
7) Phenol-d6	6.49	99	1236936	124.78	ng	0.00
23) Nitrobenzene-d5	7.42	82	814339	85.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	387367	161.16	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1295377	91.93	ng	-0.01
78) Terphenyl-d14	12.96	244	1457193	93.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.49	77	1529	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	109323	18.46	ng	# 77
50) 2,6-Dinitrotoluene	9.89	165	31357	8.02	ng	# 19
56) 2,4-Dinitrotoluene	9.89	165	31358	6.13	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	23163	4.81	ng	# 1

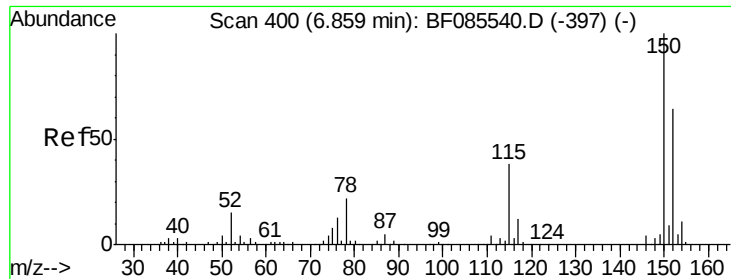
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 18 23:31:39 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF085565.D

Acq: 19 Mar 2016 10:18

Instrument :

BNA_F

ClientSampleId :

WACC-WASTE-SOIL-COMP

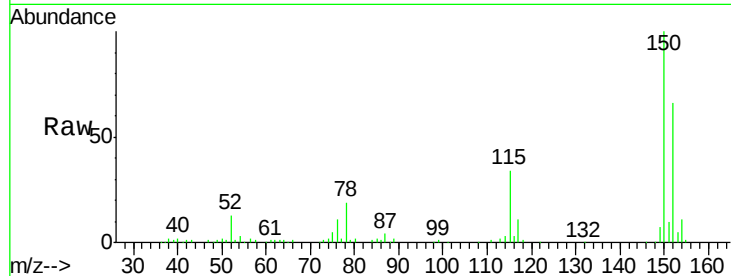
Tgt Ion:152 Resp: 129822

Ion Ratio Lower Upper

152 100

150 151.7 124.2 186.2

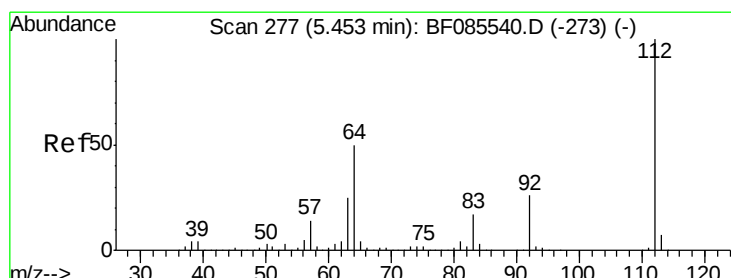
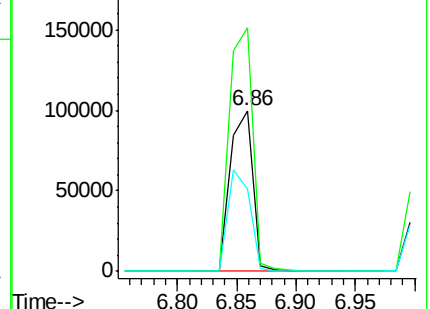
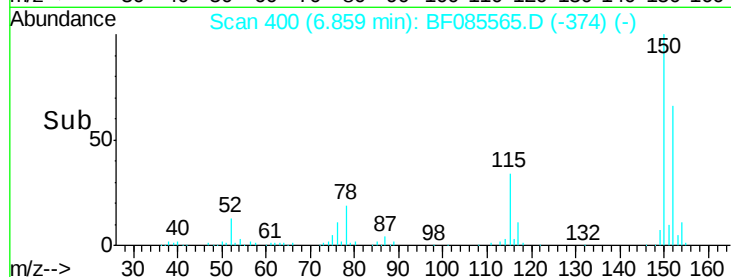
115 51.6 47.0 70.6



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: 121.01 ng

RT: 5.46 min Scan# 278

Delta R.T. 0.01 min

Lab File: BF085565.D

Acq: 19 Mar 2016 10:18

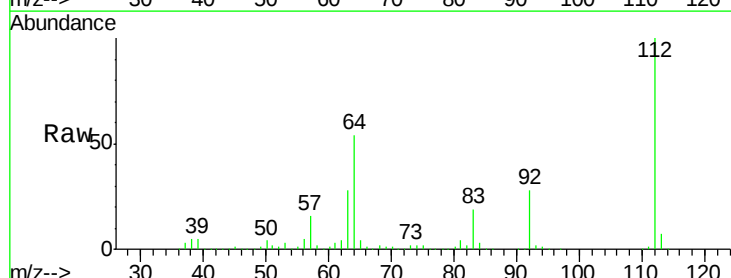
Tgt Ion:112 Resp: 935308

Ion Ratio Lower Upper

112 100

64 54.1 39.9 59.9

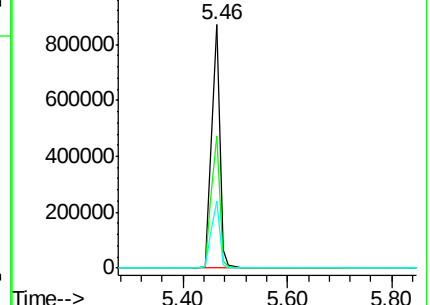
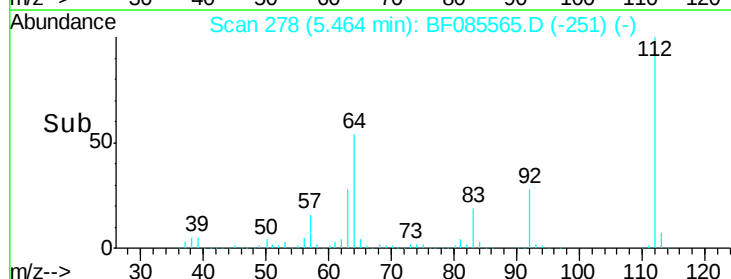
63 27.7 20.2 30.2



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: 124.78 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085565.D

Acq: 19 Mar 2016 10:18

Instrument :

BNA_F

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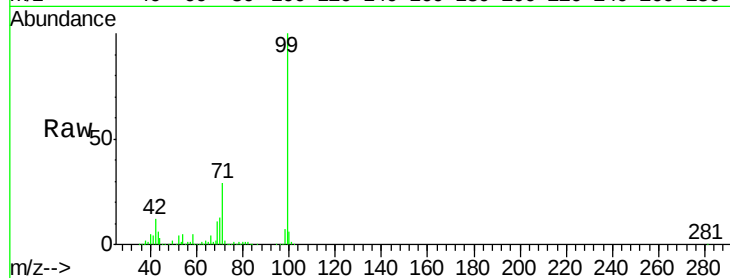
Tgt Ion: 99 Resp: 1236936

Ion Ratio Lower Upper

99 100

42 11.7 11.1 16.7

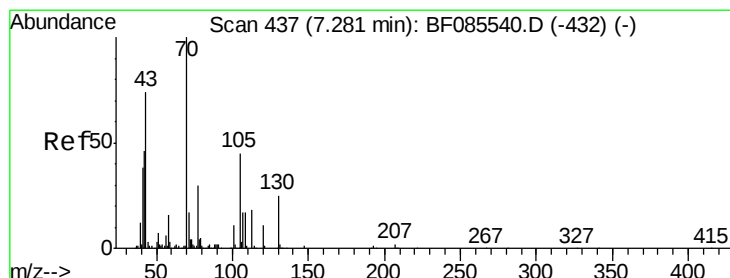
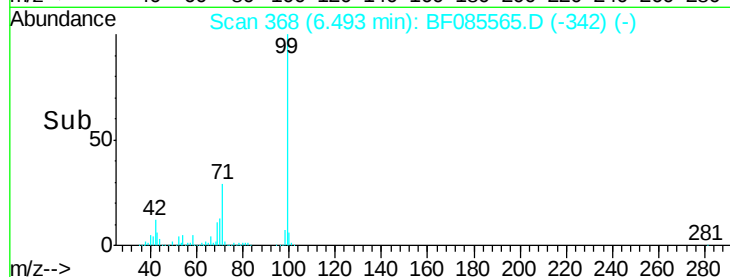
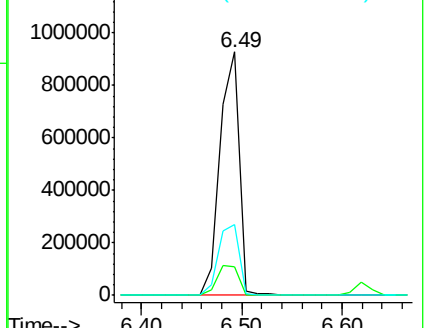
71 29.0 24.9 37.3



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: 18.46 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.14 min

Lab File: BF085565.D

Acq: 19 Mar 2016 10:18

Tgt Ion: 70 Resp: 109323

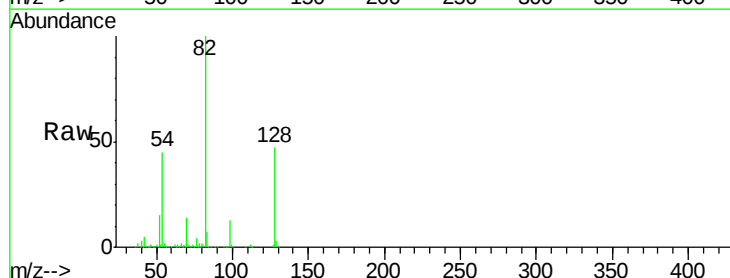
Ion Ratio Lower Upper

70 100

42 39.8 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#

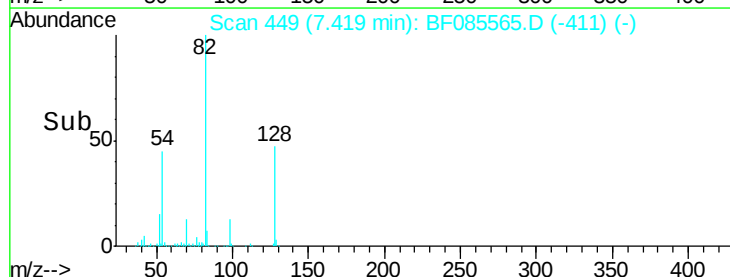
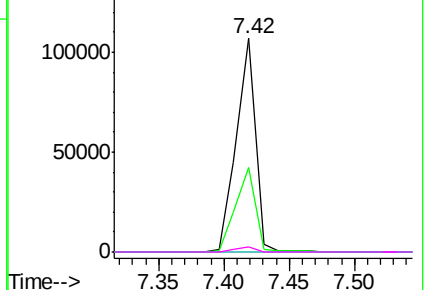


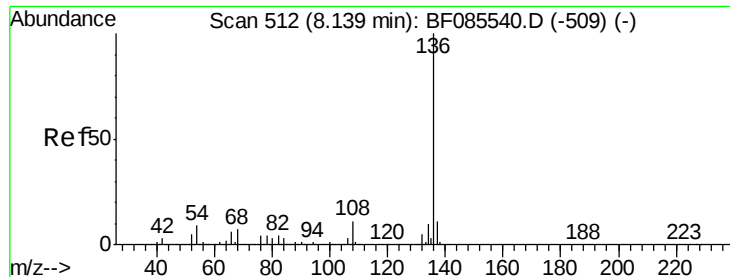
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

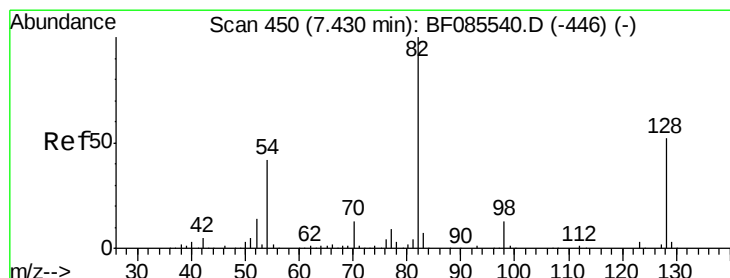
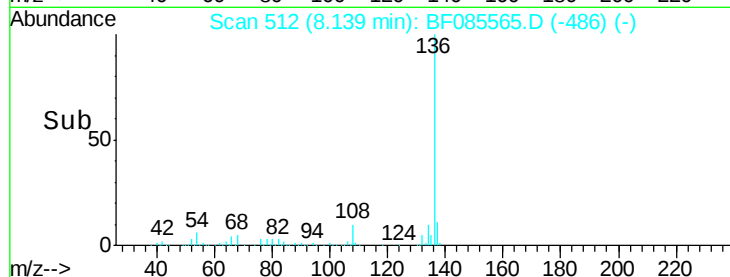
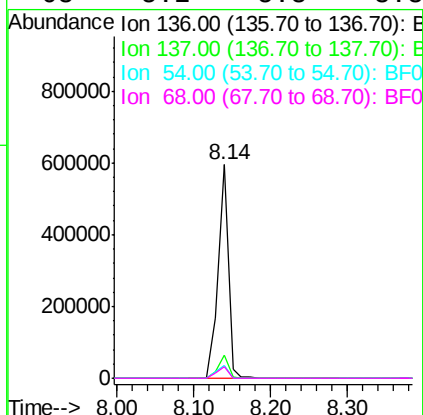
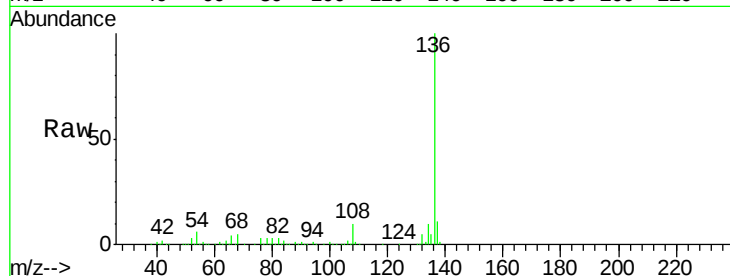




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085565.D
Acq: 19 Mar 2016 10:18

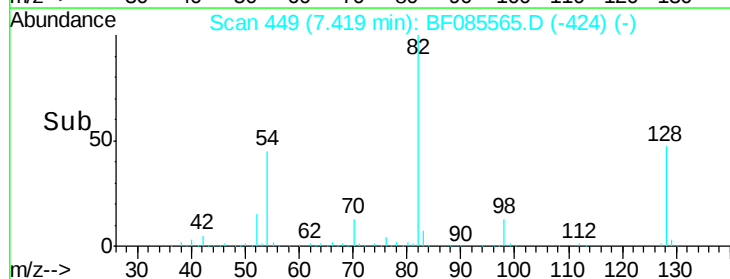
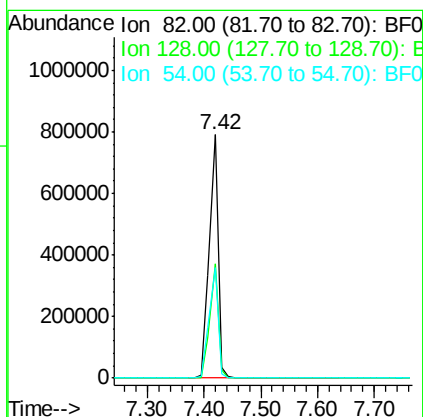
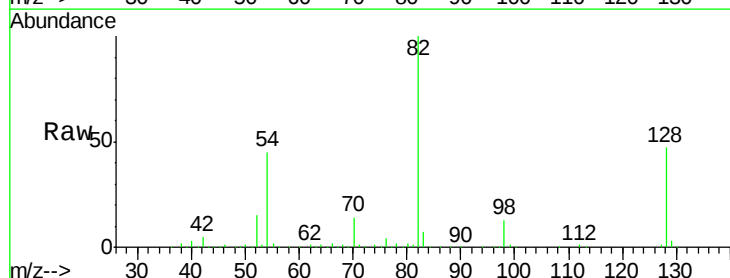
Instrument :
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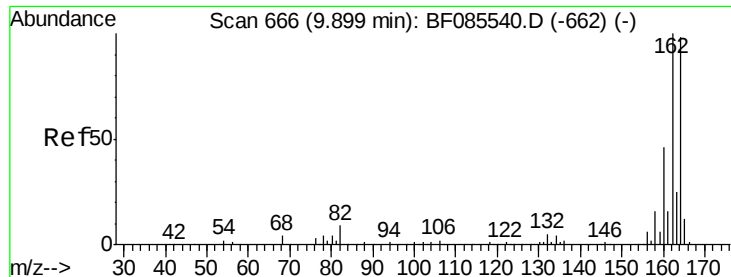
Tgt Ion:136 Resp: 550834
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.1 7.4 11.0#
68 5.2 5.8 8.8#



#23
Nitrobenzene-d5
Concen: 85.81 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085565.D
Acq: 19 Mar 2016 10:18

Tgt Ion: 82 Resp: 814339
Ion Ratio Lower Upper
82 100
128 46.8 41.8 62.8
54 45.3 33.4 50.0

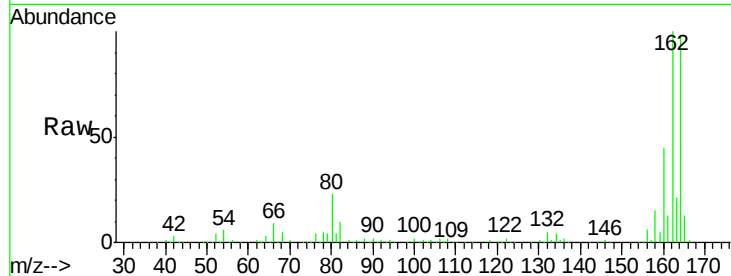




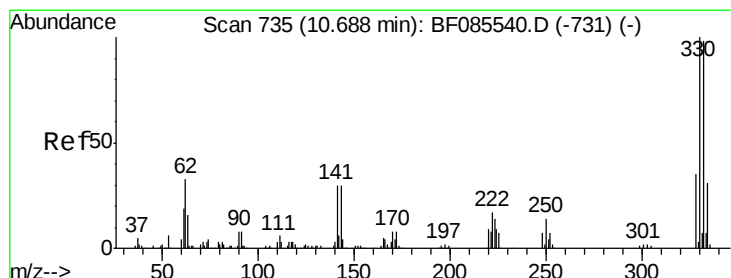
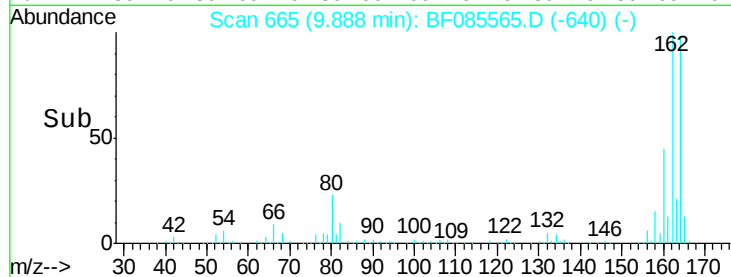
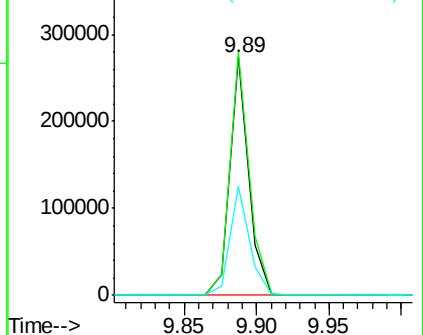
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085565.D
 Acq: 19 Mar 2016 10:18

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

Tgt Ion:164 Resp: 245375
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.1 123.1
 160 46.0 37.4 56.2

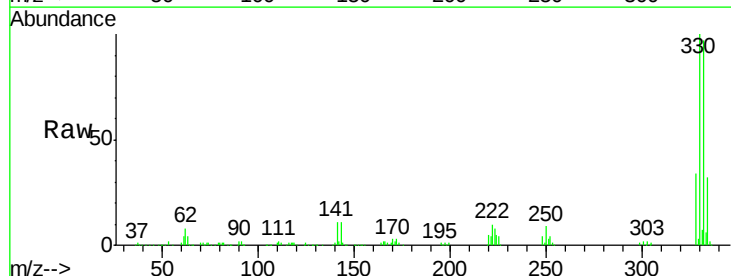


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

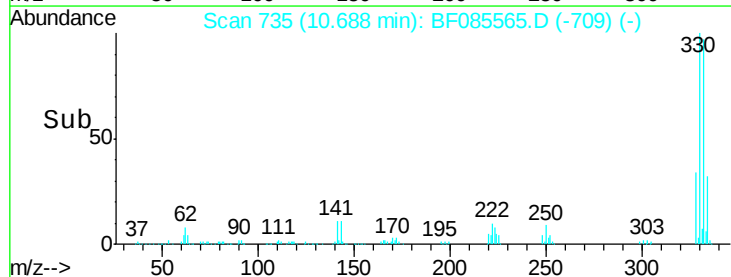
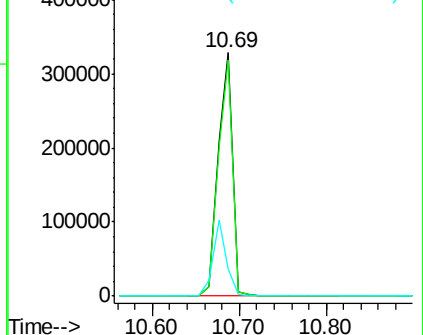


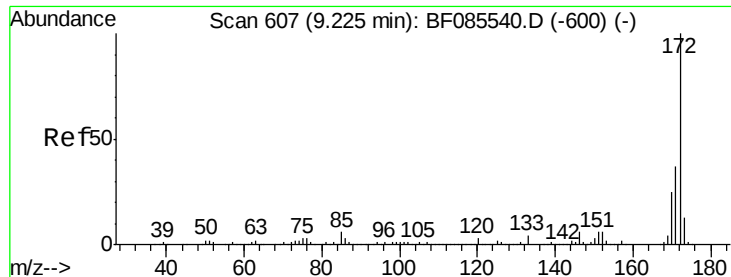
#41
 2,4,6-Tribromophenol
 Concen: 161.16 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085565.D
 Acq: 19 Mar 2016 10:18

Tgt Ion:330 Resp: 387367
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.2 117.2
 141 29.1 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

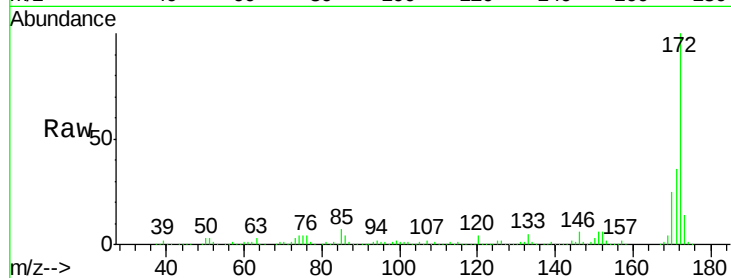




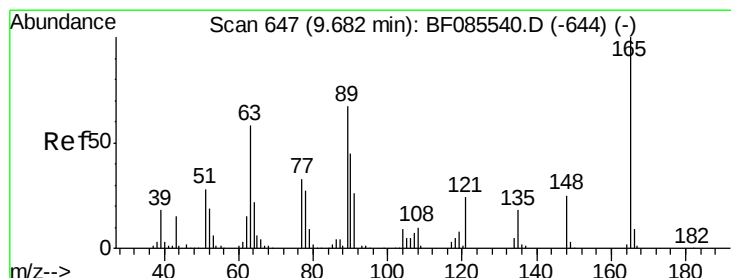
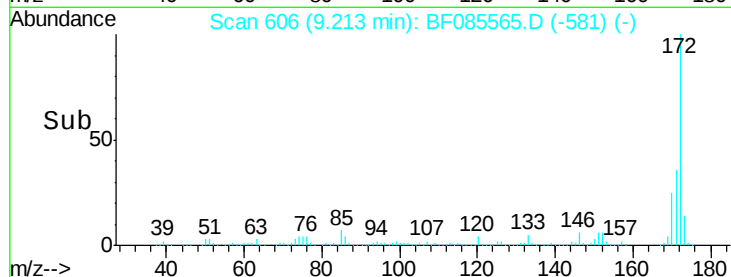
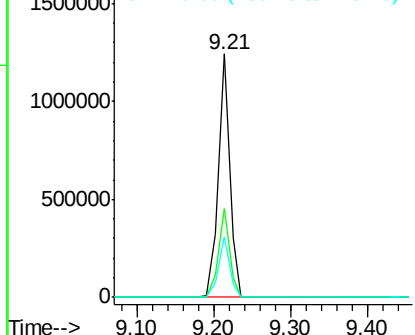
#44
 2-Fluorobiphenyl
 Concen: 91.93 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085565.D
 Acq: 19 Mar 2016 10:18

Instrument :
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Tgt Ion:172 Resp: 1295377
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.8 19.8 29.6

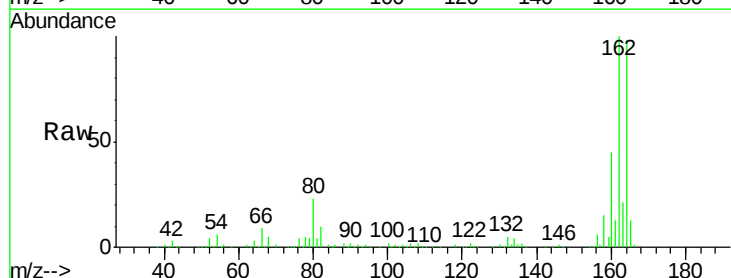


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

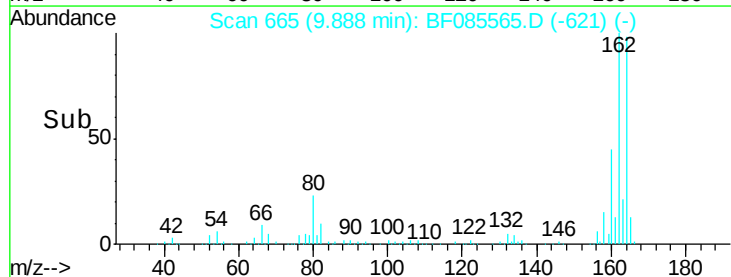
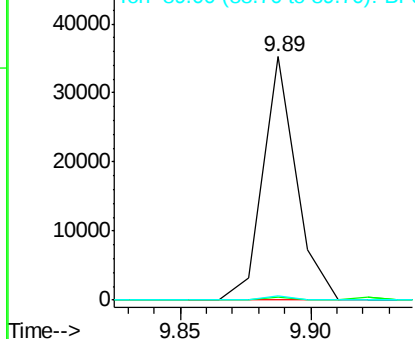


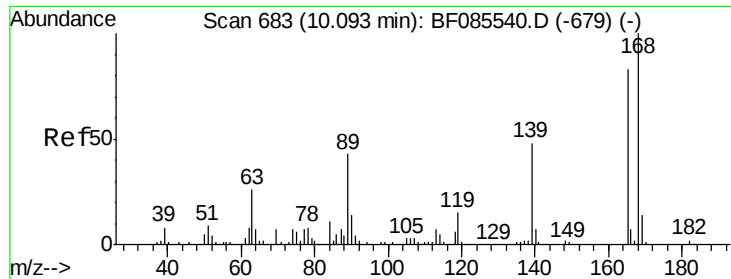
#50
 2,6-Dinitrotoluene
 Concen: 8.02 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.21 min
 Lab File: BF085565.D
 Acq: 19 Mar 2016 10:18

Tgt Ion:165 Resp: 31357
 Ion Ratio Lower Upper
 165 100
 63 1.3 51.8 77.8#
 89 1.6 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

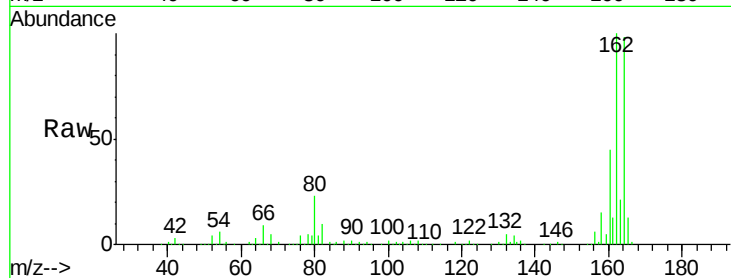




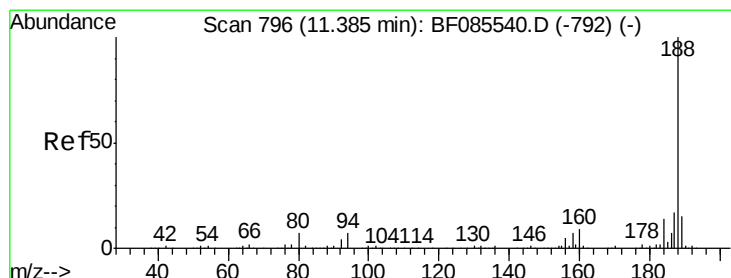
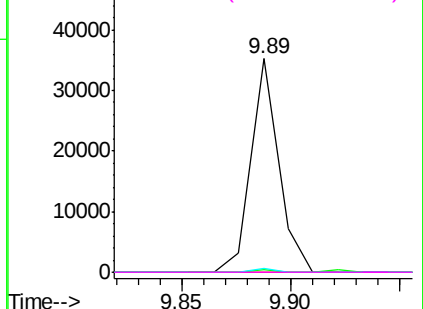
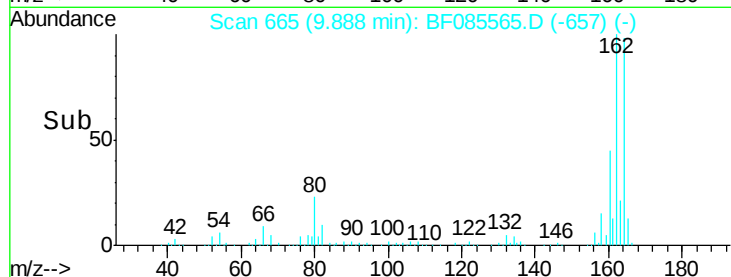
#56
2,4-Dinitrotoluene
Concen: 6.13 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.21 min
Lab File: BF085565.D
Acq: 19 Mar 2016 10:18

Instrument :
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ClientSampleId :
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Tgt Ion:165 Resp: 31358
Ion Ratio Lower Upper
165 100
63 1.3 24.9 37.3#
89 1.6 41.0 61.6#
182 0.0 2.1 3.1#

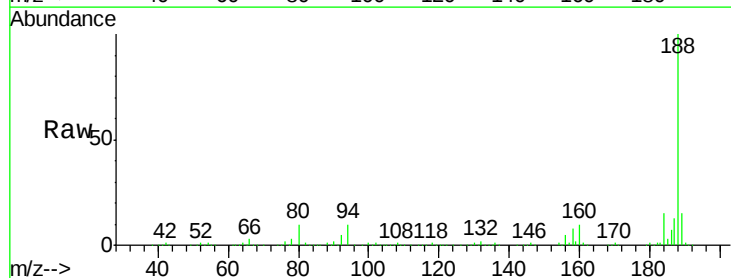


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

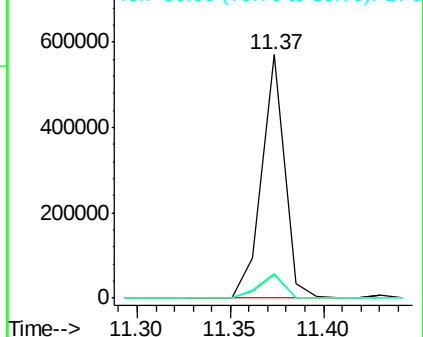
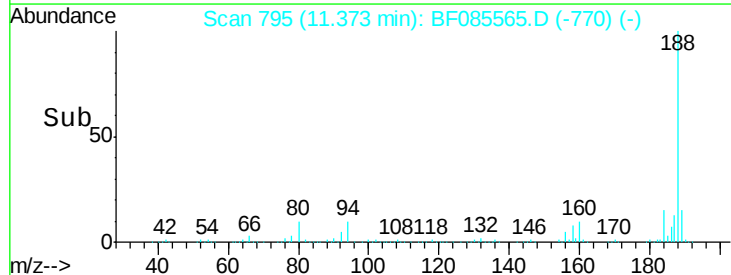


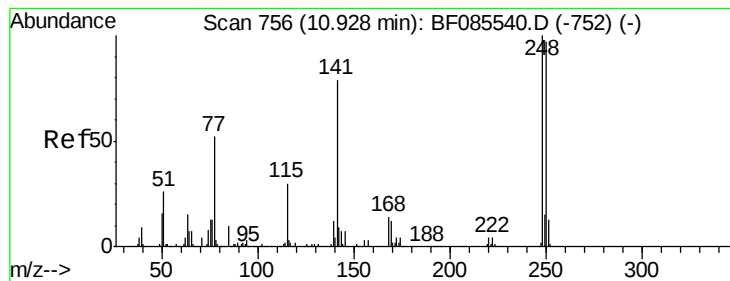
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085565.D
Acq: 19 Mar 2016 10:18

Tgt Ion:188 Resp: 482358
Ion Ratio Lower Upper
188 100
94 9.8 5.4 8.0#
80 10.1 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: 4.81 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.25 min

Lab File: BF085565.D

Acq: 19 Mar 2016 10:18

Instrument :

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WACC-WASTE-SOIL-COMP

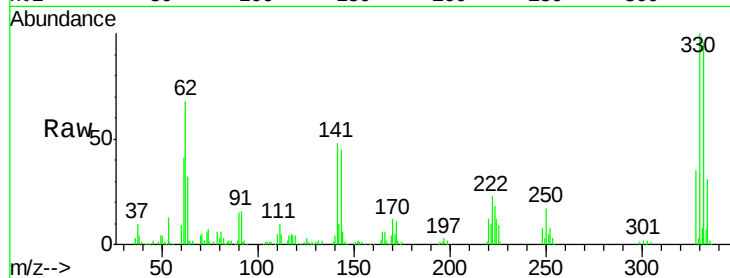
Tgt Ion:248 Resp: 23163

Ion Ratio Lower Upper

248 100

250 202.2 77.4 116.0#

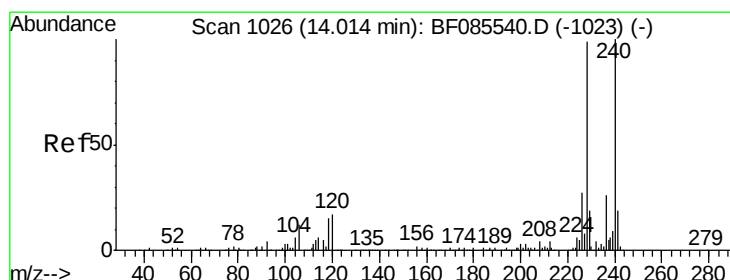
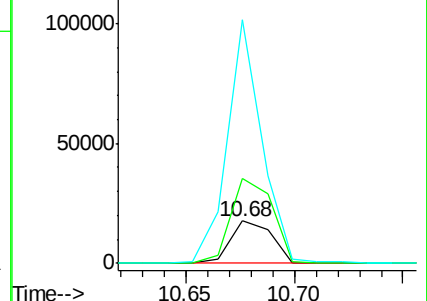
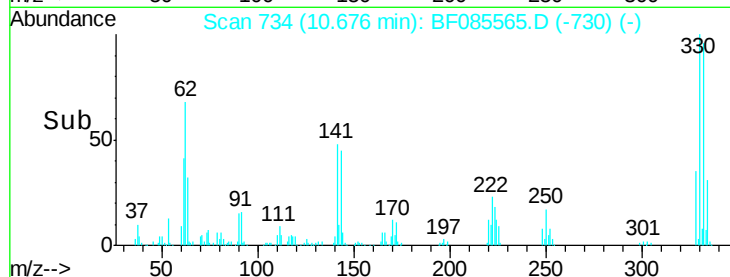
141 576.2 63.6 95.4#



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: BF085565.D

Acq: 19 Mar 2016 10:18

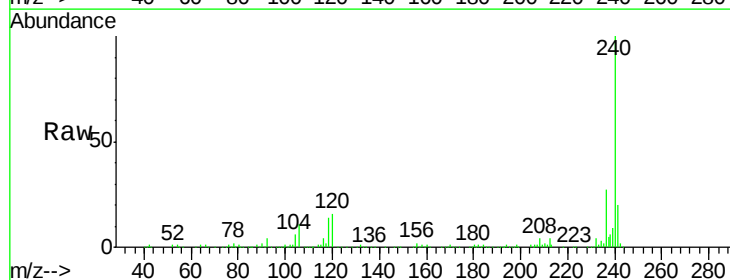
Tgt Ion:240 Resp: 374785

Ion Ratio Lower Upper

240 100

120 15.6 13.8 20.8

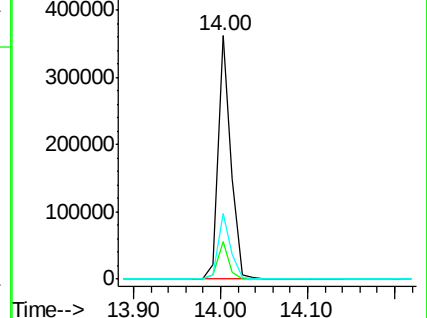
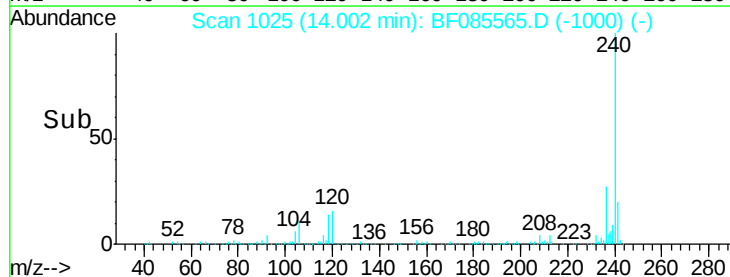
236 26.7 20.6 30.8

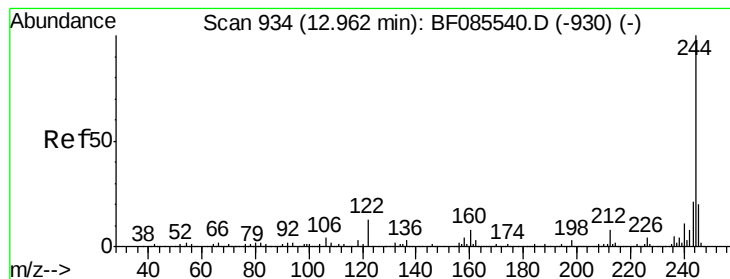


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.56 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085565.D

Acq: 19 Mar 2016 10:18

Instrument :

BNA_F

ClientSampleId :

WACC-WASTE-SOIL-COMP

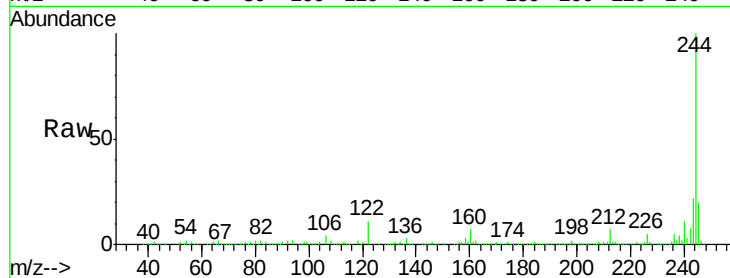
Tgt Ion:244 Resp: 1457193

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

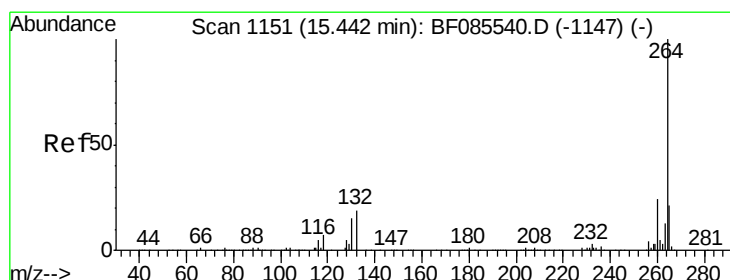
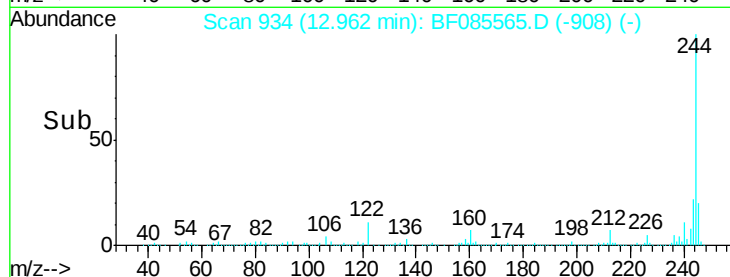
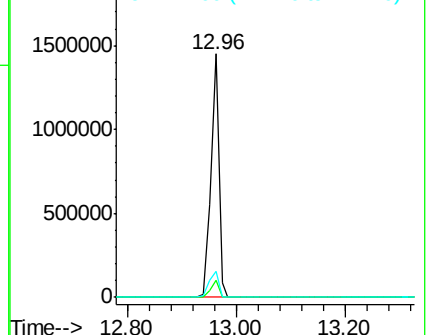
122 10.6 10.2 15.4



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: BF085565.D

Acq: 19 Mar 2016 10:18

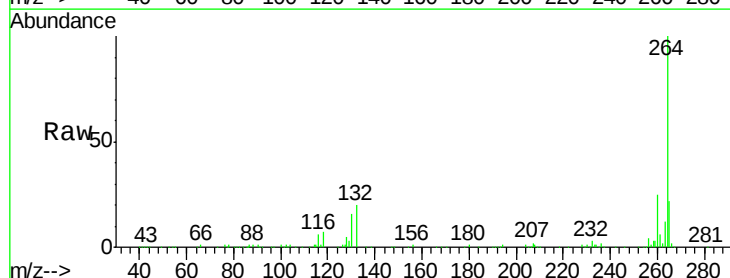
Tgt Ion:264 Resp: 270983

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.2

265 21.8 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

