

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 01:51:40 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

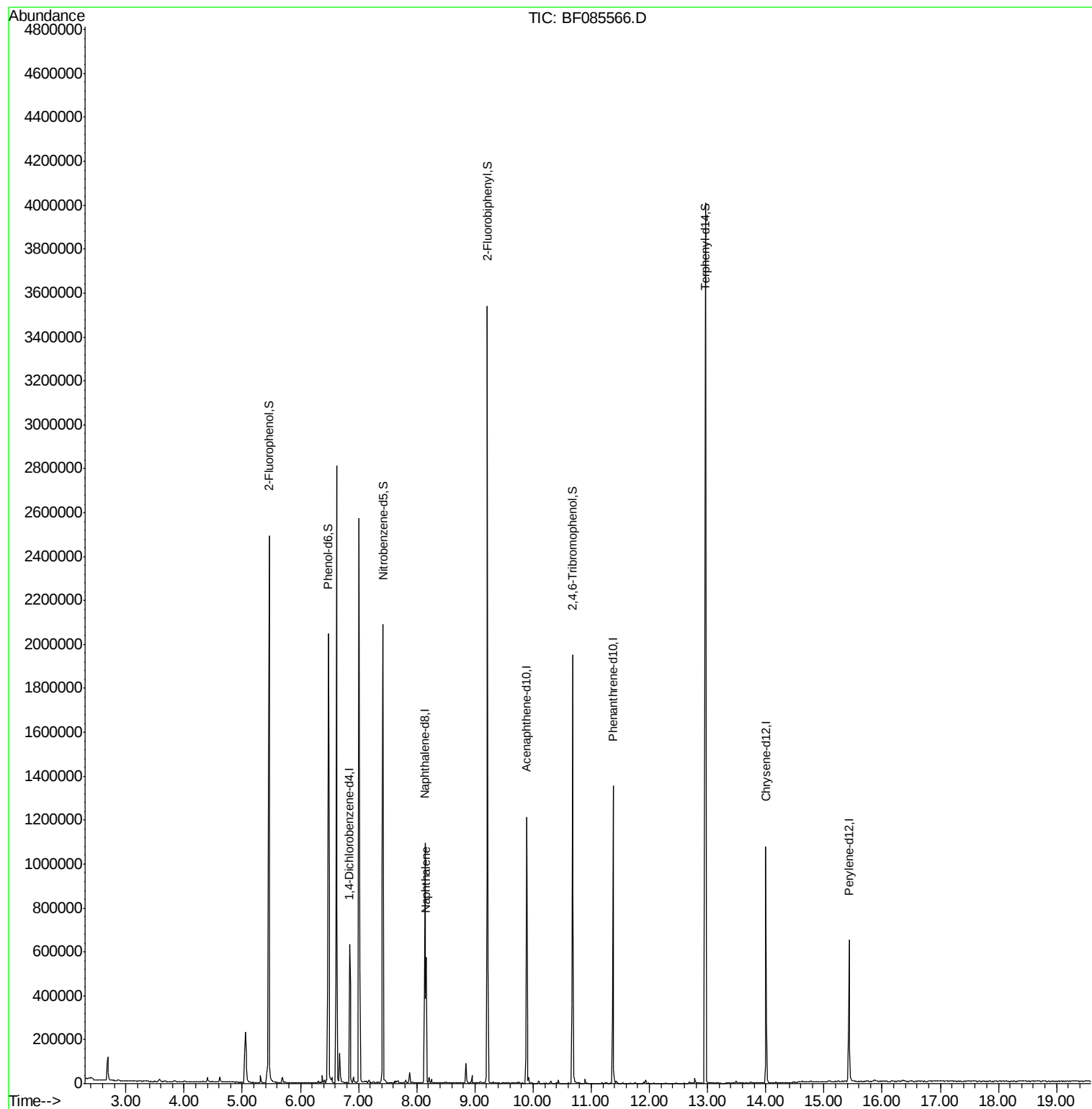
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	126010	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	532914	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	234503	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	475126	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	357460	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						
31) Naphthalene	8.16	128	331497	12.32	ng	Qvalue 98

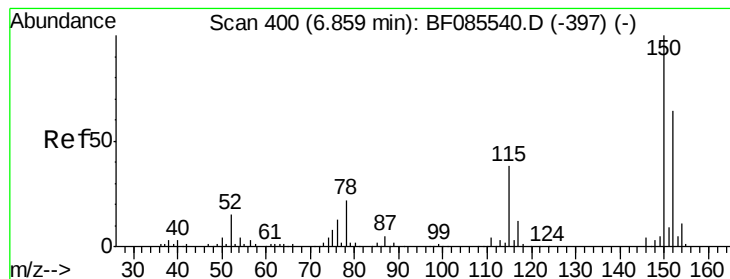
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Instrument :

BNA_F

ClientSampleId :

WACC-WASTE-DEBRIS-COMP

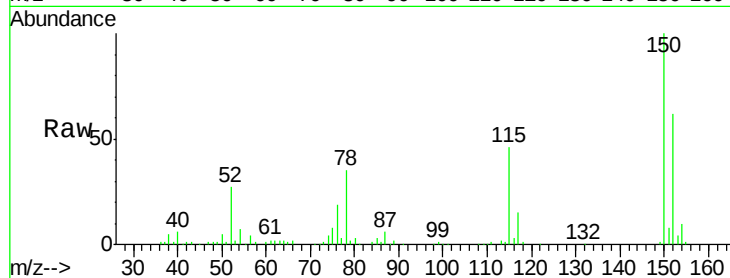
Tgt Ion:152 Resp: 126010

Ion Ratio Lower Upper

152 100

150 160.8 124.2 186.2

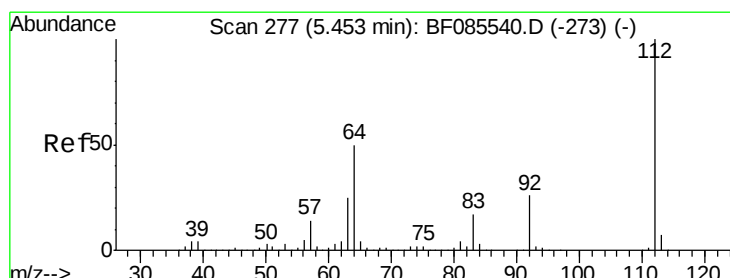
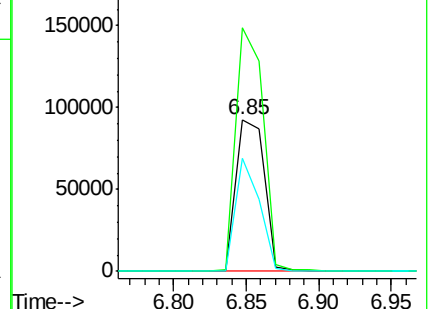
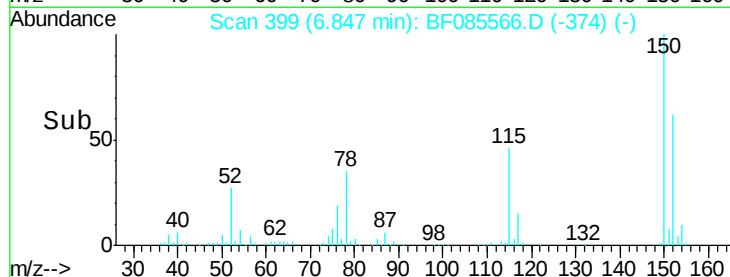
115 74.7 47.0 70.6#



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

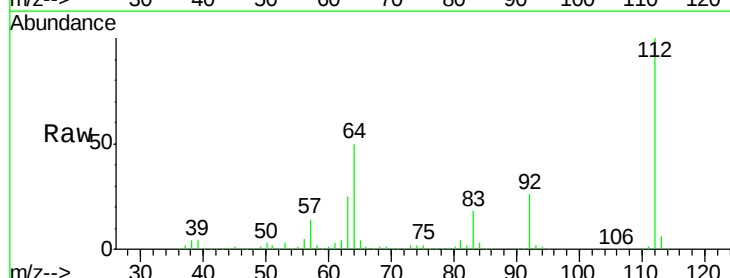
Tgt Ion:112 Resp: 904296

Ion Ratio Lower Upper

112 100

64 49.9 39.9 59.9

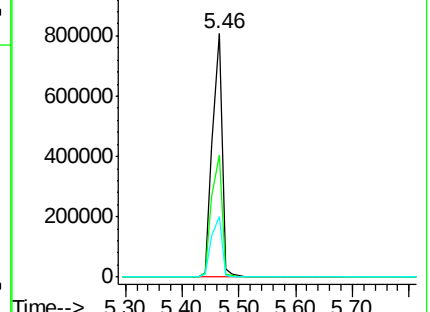
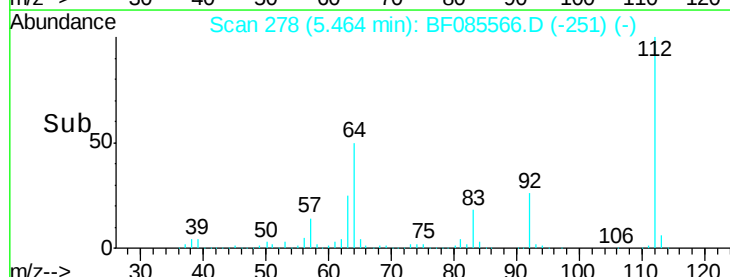
63 25.0 20.2 30.2



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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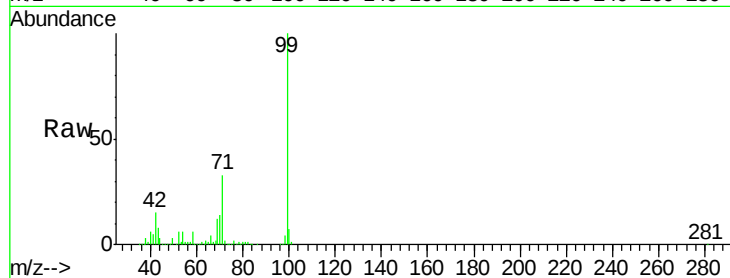
Tgt Ion: 99 Resp: 953489

Ion Ratio Lower Upper

99 100

42 15.5 11.1 16.7

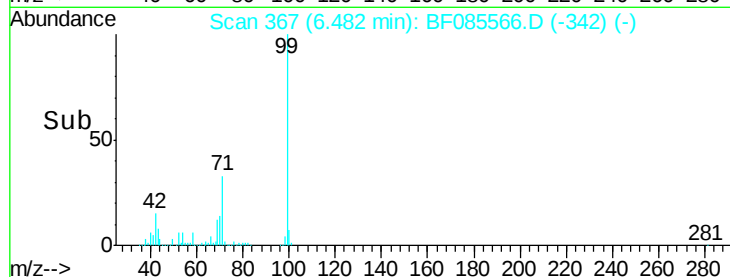
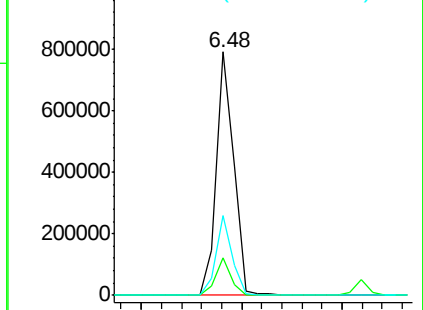
71 32.9 24.9 37.3



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



#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

Tgt Ion: 136 Resp: 532914

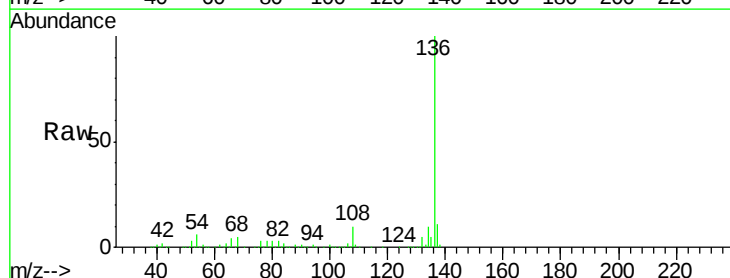
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.1 7.4 11.0#

68 5.1 5.8 8.8#

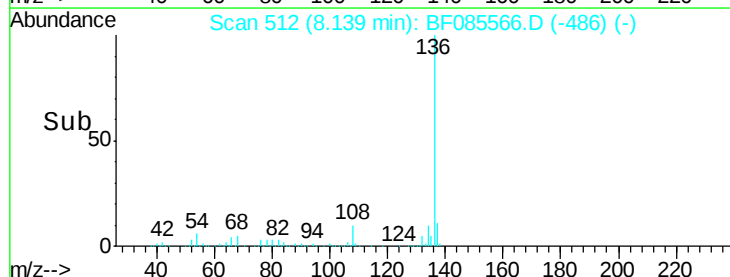
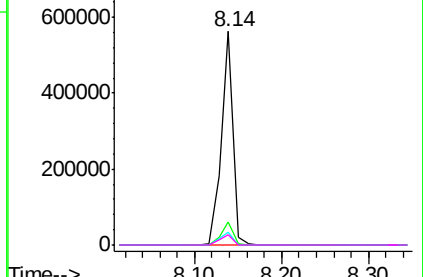


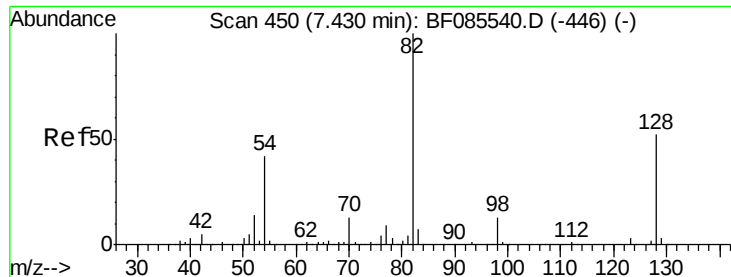
Abundance Ion 136.00 (135.70 to 136.70): E

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

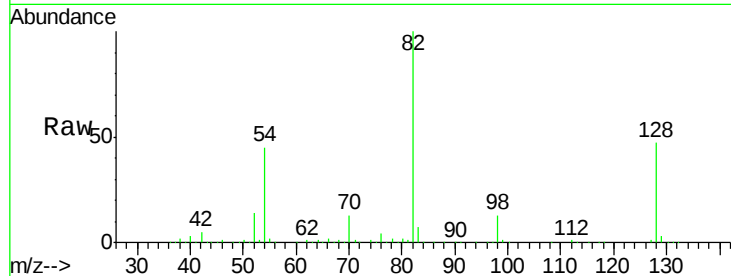




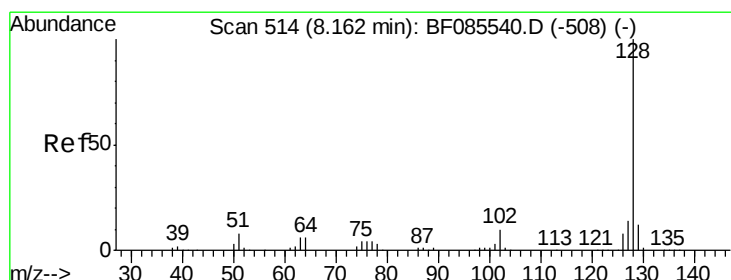
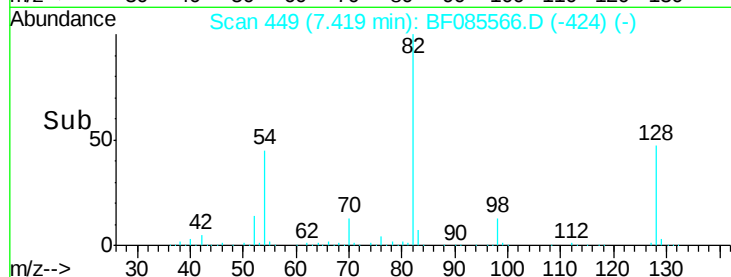
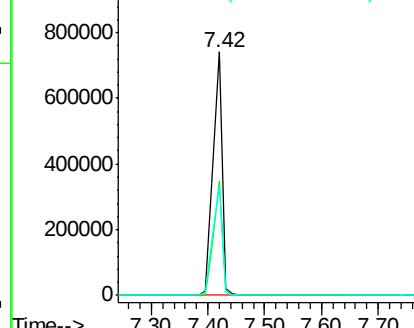
#23
Nitrobenzene-d5
Concen: 84.81 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

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

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

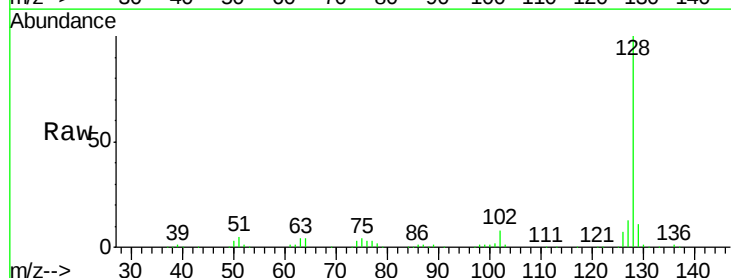


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

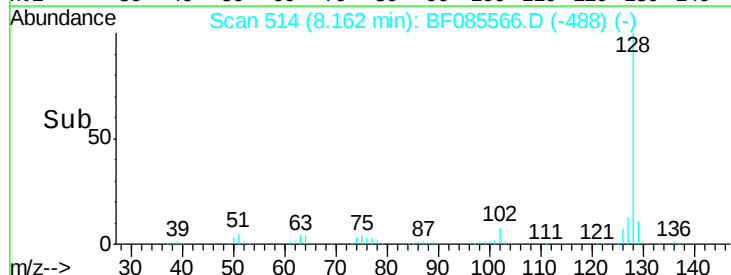
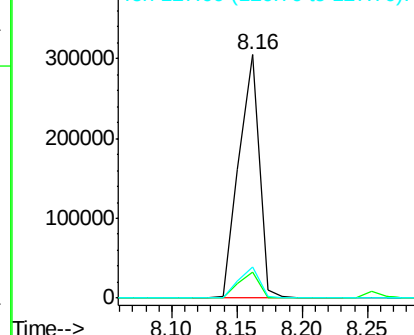


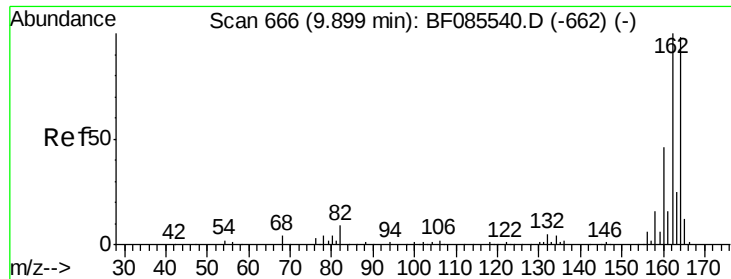
#31
Naphthalene
Concen: 12.32 ng
RT: 8.16 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

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



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

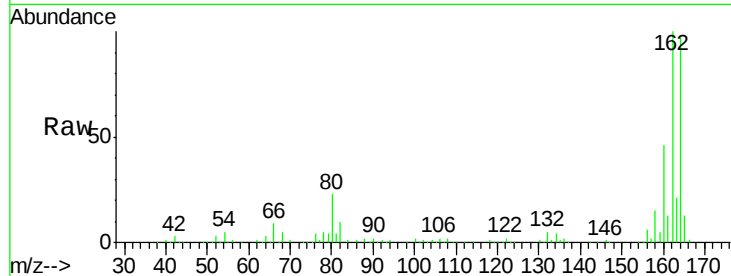




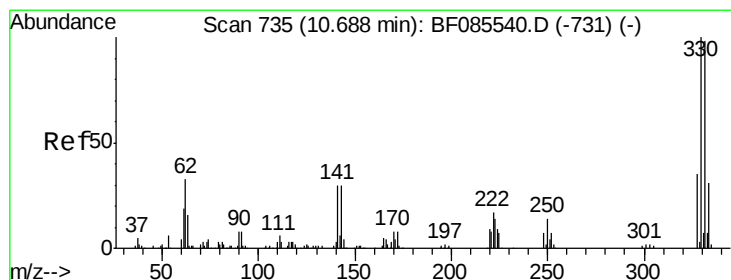
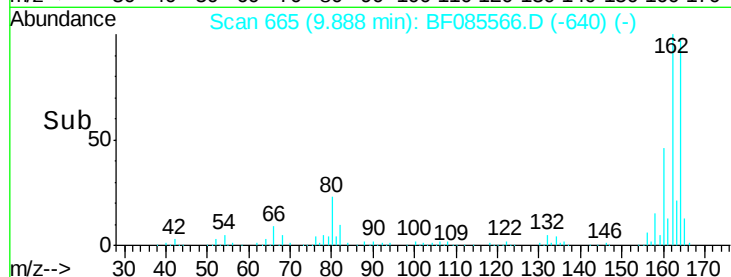
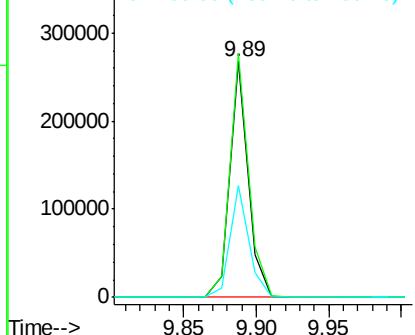
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085566.D
 Acq: 19 Mar 2016 10:46

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

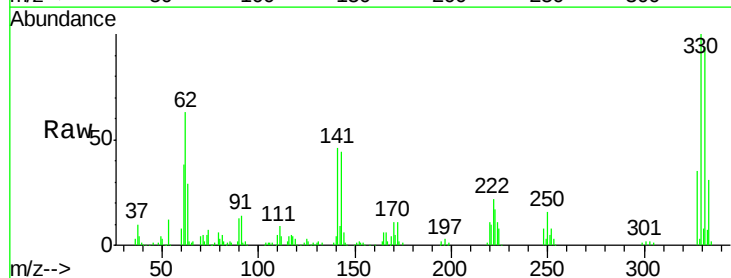


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

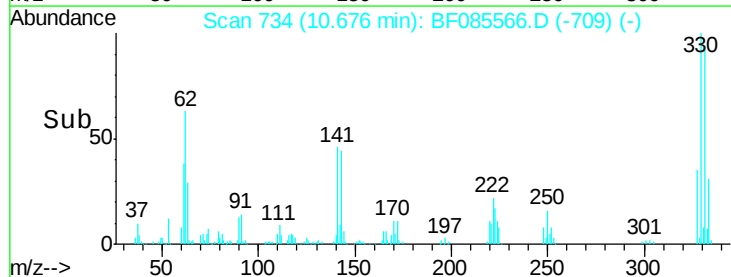
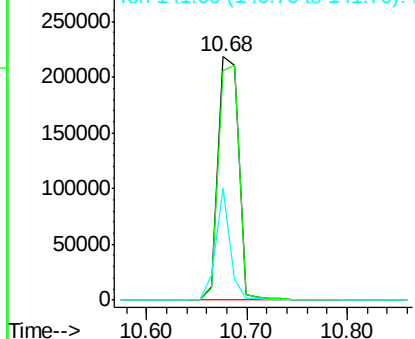


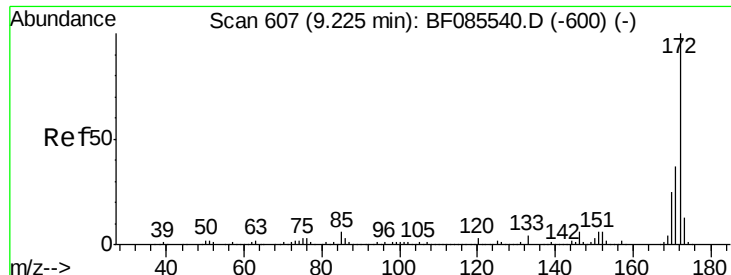
#41
 2,4,6-Tribromophenol
 Concen: 135.17 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085566.D
 Acq: 19 Mar 2016 10:46

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

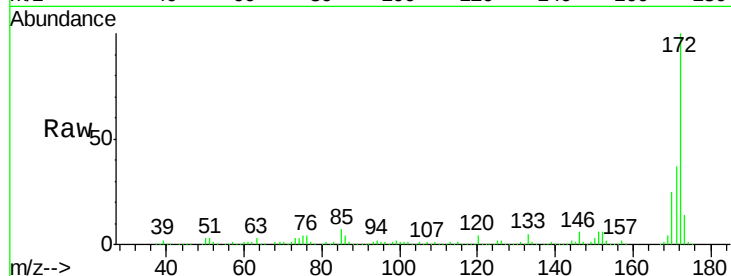




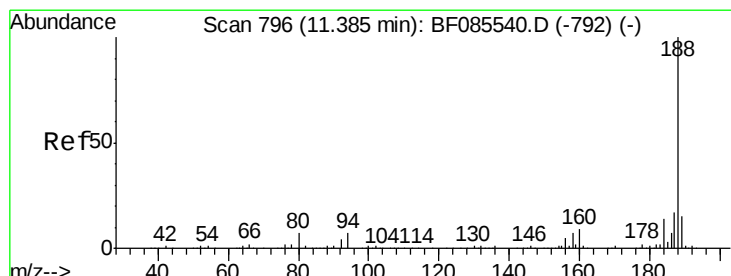
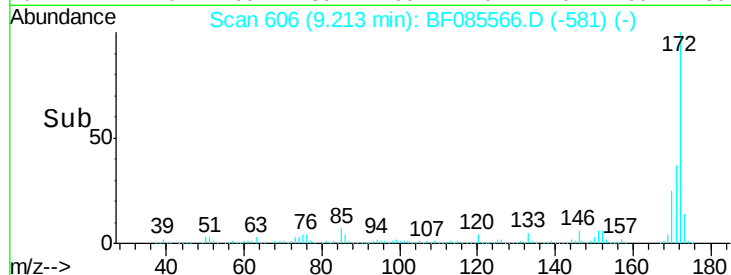
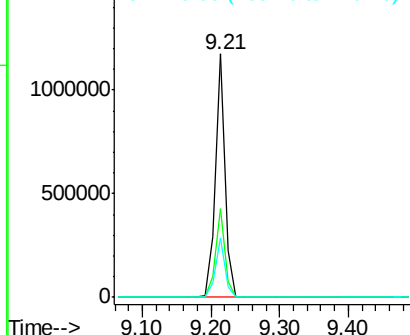
#44
 2-Fluorobiphenyl
 Concen: 85.63 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085566.D
 Acq: 19 Mar 2016 10:46

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

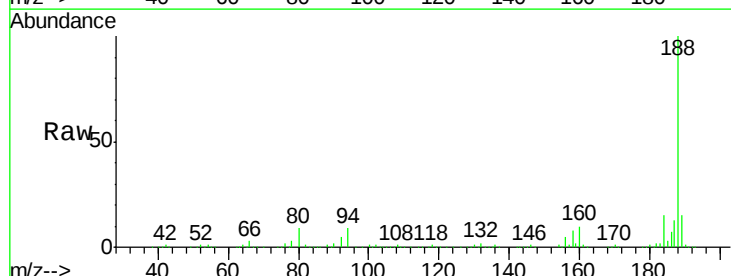


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

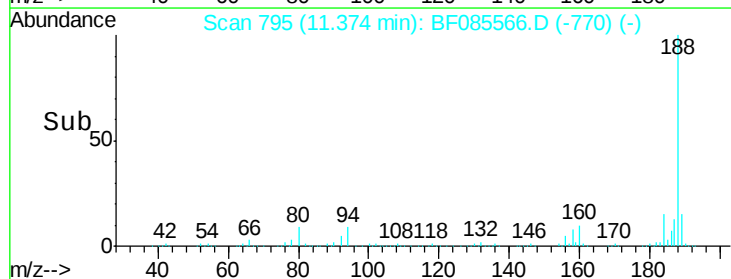
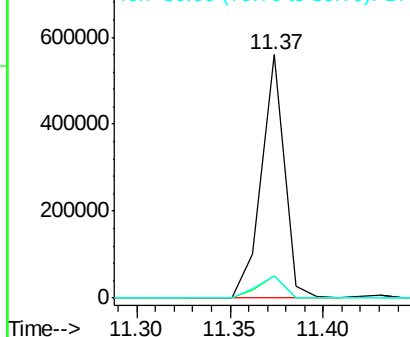


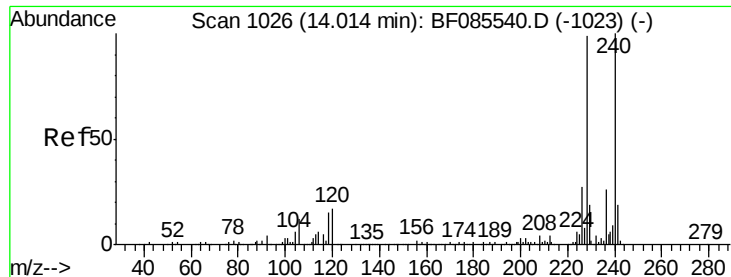
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF085566.D
 Acq: 19 Mar 2016 10:46

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





#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

Instrument :

BNA_F

ClientSampleId :

WACC-WASTE-DEBRIS-COMP

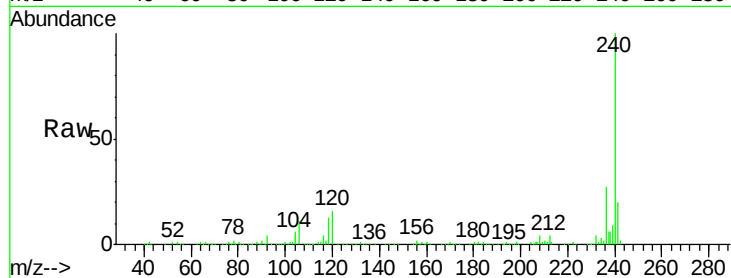
Tgt Ion:240 Resp: 357460

Ion Ratio Lower Upper

240 100

120 16.0 13.8 20.8

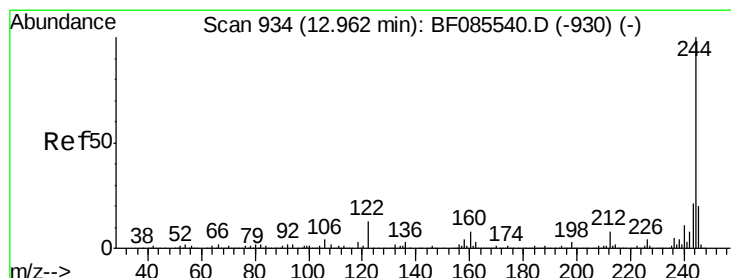
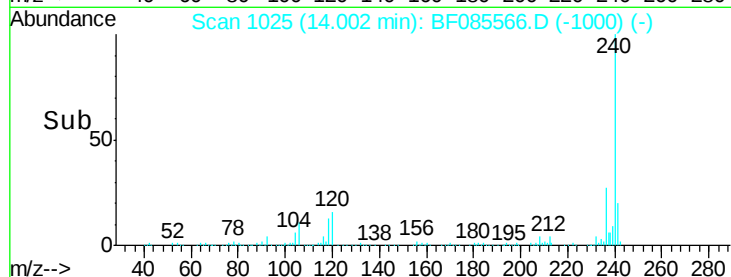
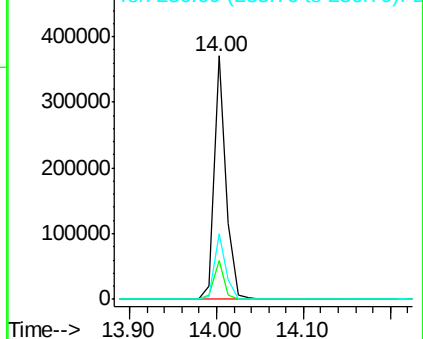
236 26.8 20.6 30.8



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

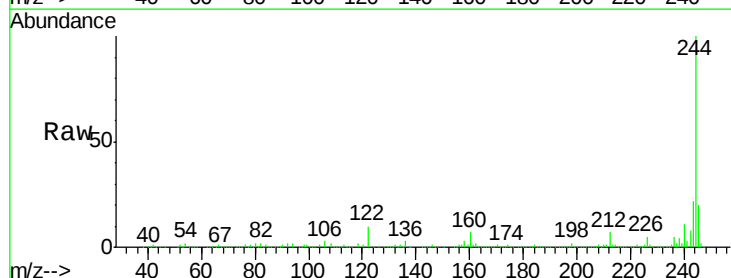
Tgt Ion:244 Resp: 1362624

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

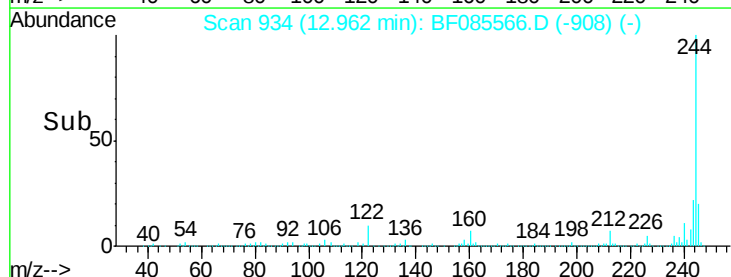
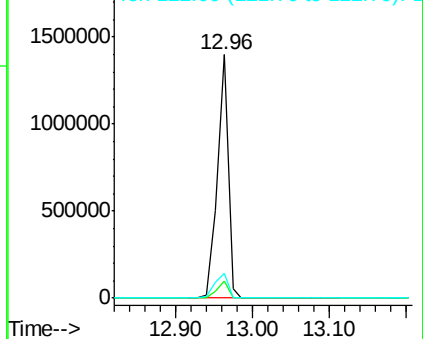
122 10.2 10.2 15.4#

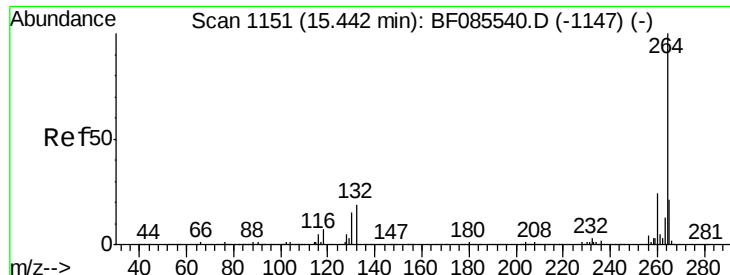


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

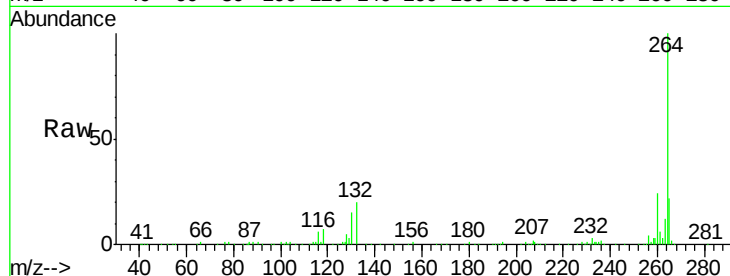




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF085566.D
Acq: 19 Mar 2016 10:46

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

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



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

