

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103144.D
 Acq On : 21 Feb 2018 18:45
 Operator : SJ/JU
 Sample : J1619-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIS-WASH-SLUDGE-PIT

Quant Time: Feb 22 00:36:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	155255	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	692479	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	277364	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	388010	20.00	ng	0.00
75) Chrysene-d12	14.05	240	287152	20.00	ng	0.00
86) Perylene-d12	15.55	264	223799	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1190429	116.44	ng	0.02
7) Phenol-d6	6.52	99	1299400	105.56	ng	0.00
23) Nitrobenzene-d5	7.45	82	920046	92.17	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	254463	113.98	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1411002	84.41	ng	0.00
78) Terphenyl-d14	12.99	244	946693	78.06	ng	0.00

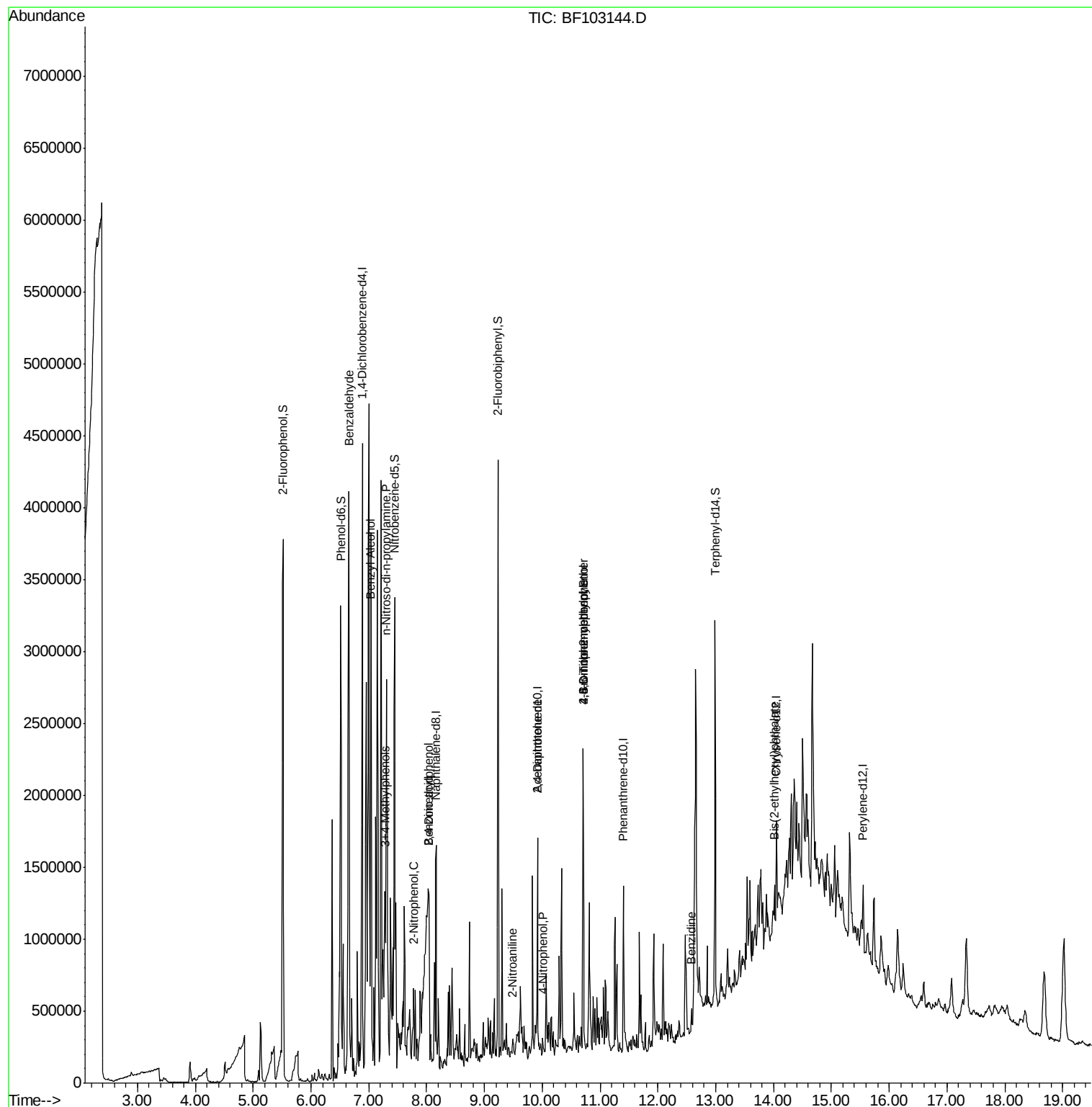
Target Compounds				Qvalue		
9) Benzaldehyde	6.66	77	26038	2.848	ng	85
15) Benzyl Alcohol	7.03	79	30533	3.226	ng	86
19) n-Nitroso-di-n-propylamine	7.30	70	163841	20.188	ng	# 51
20) 3+4-Methylphenols	7.28	107	201959	16.869	ng	87
26) 2-Nitrophenol	7.77	139	754	8.794	ng	# 1
27) 2,4-Dimethylphenol	8.04	122	1115241	114.842	ng	# 4
32) Benzoic acid	8.04	122	1128138	115.727	ng	99
47) 2-Nitroaniline	9.48	65	1109	3.653	ng	# 40
55) 4-Nitrophenol	10.01	139	1095	4.274	ng	# 1
56) 2,4-Dinitrotoluene	9.92	165	37626	9.457	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.71	198	500	9.079	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	17374	4.233	ng	# 1
76) Benzidine	12.58	184	35021	2.654	ng	# 85
83) Bis(2-ethylhexyl)phthalate	14.02	149	77389	5.610	ng	98

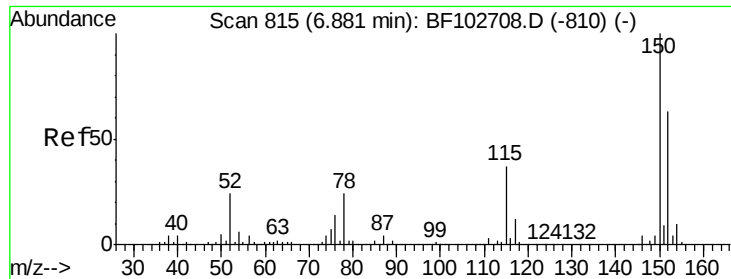
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103144.D
Acq On : 21 Feb 2018 18:45
Operator : SJ/JU
Sample : J1619-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH-SLUDGE-PIT

Quant Time: Feb 22 00:36:32 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration



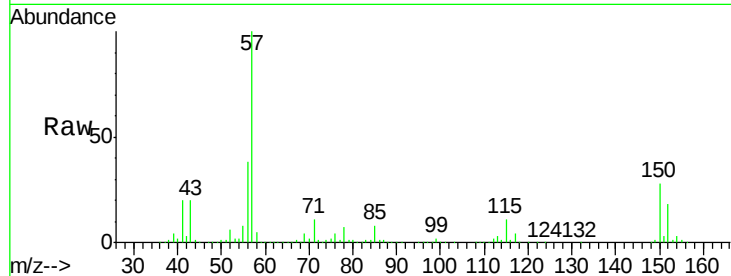


#1

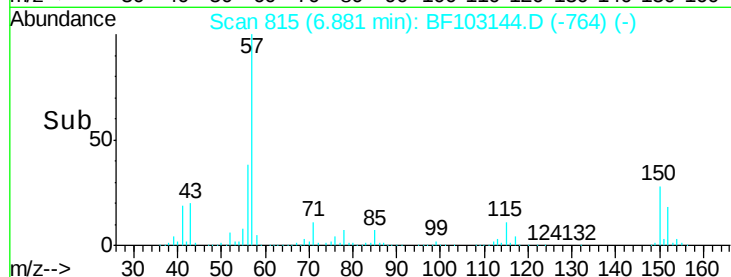
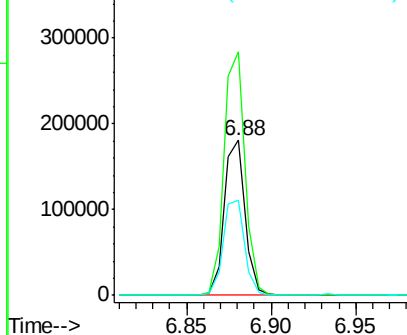
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF103144.D
Acq: 21 Feb 2018 18:45

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH-SLUDGE-PIT

Tot Ion:152 Resp: 155255
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 61.5 50.1 75.1



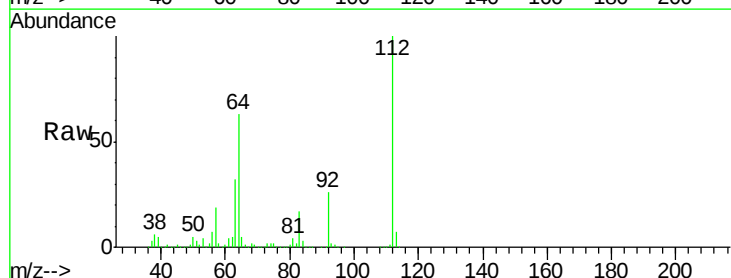
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



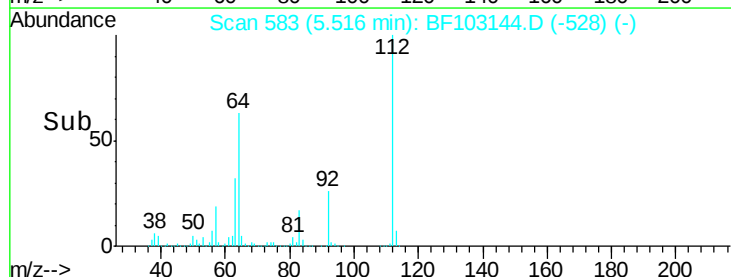
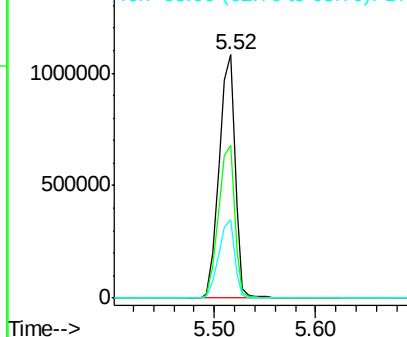
#5

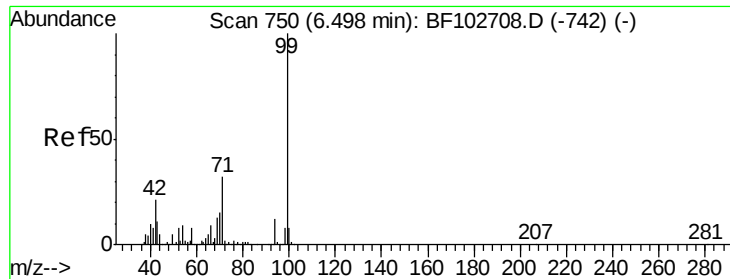
2-Fluorophenol
Concen: 116.445 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF103144.D
Acq: 21 Feb 2018 18:45

Tgt Ion:112 Resp: 1190429
Ion Ratio Lower Upper
112 100
64 63.0 47.9 71.9
63 32.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 105.562 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103144.D

Acq: 21 Feb 2018 18:45

Instrument :

BNA_F

ClientSampleId :

CHASSIS-WASH-SLUDGE-PIT

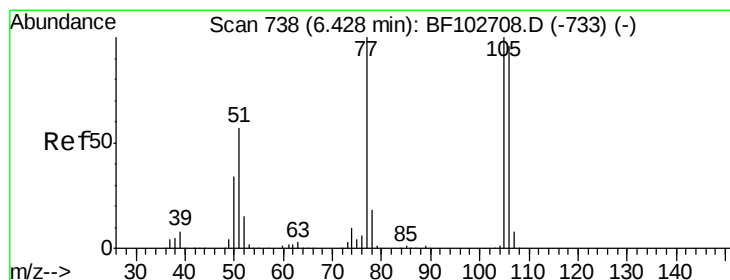
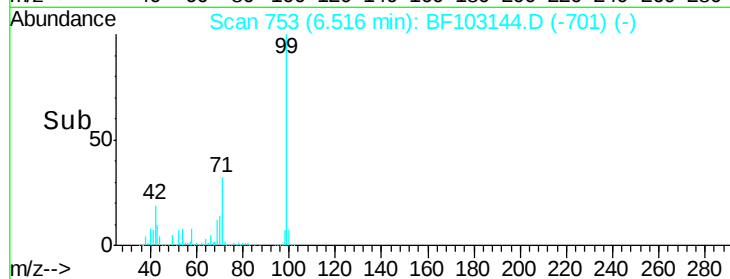
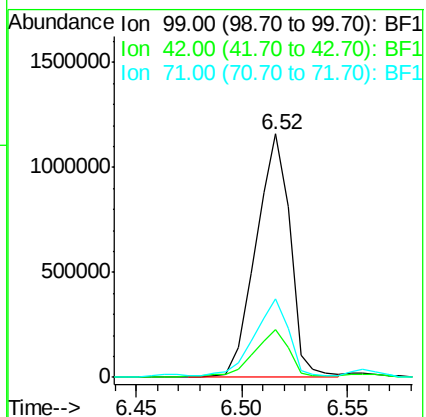
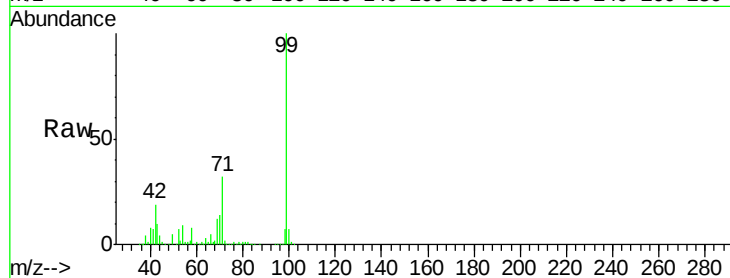
Tot Ion: 99 Resp: 1299400

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 32.4 25.4 38.0



#9

Benzaldehyde

Concen: 2.848 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.22 min

Lab File: BF103144.D

Acq: 21 Feb 2018 18:45

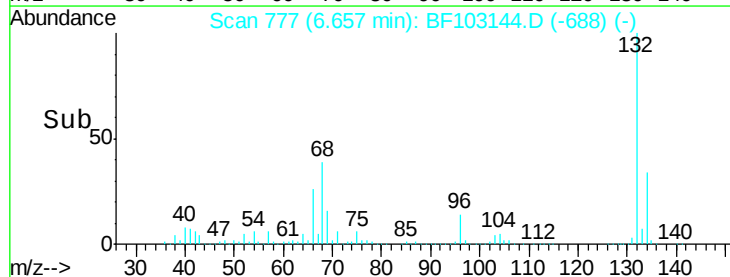
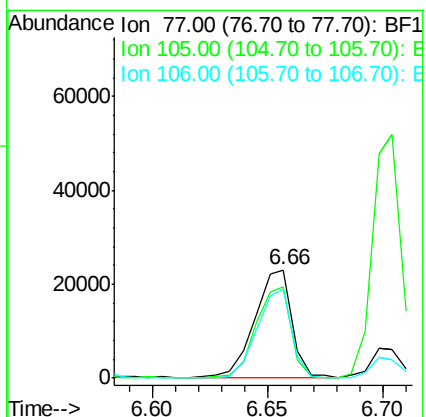
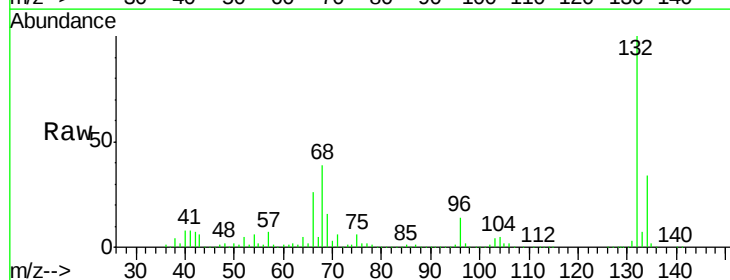
Tgt Ion: 77 Resp: 26038

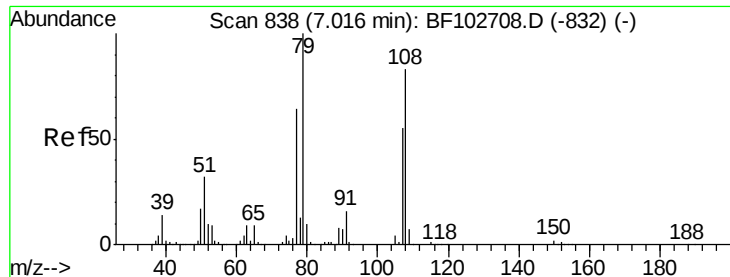
Ion Ratio Lower Upper

77 100

105 84.8 81.1 121.1

106 82.0 74.5 114.5





#15

Benzyl Alcohol

Concen: 3.226 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF103144.D

Acq: 21 Feb 2018 18:45

Instrument :

BNA_F

ClientSampleId :

CHASSIS-WASH-SLUDGE-PIT

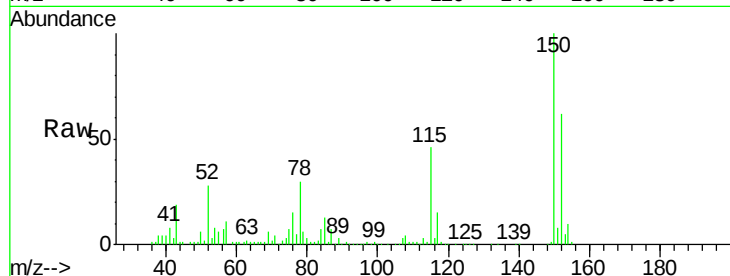
Tot Ion: 79 Resp: 30533

Ion Ratio Lower Upper

79 100

108 68.1 65.1 97.7

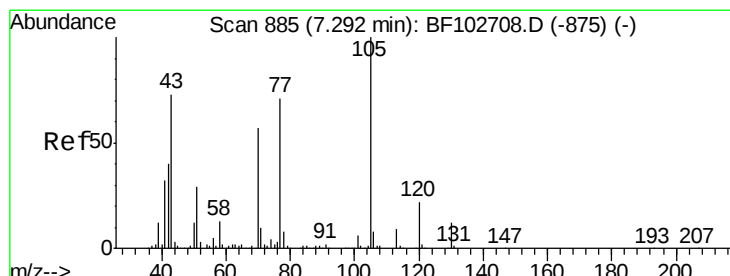
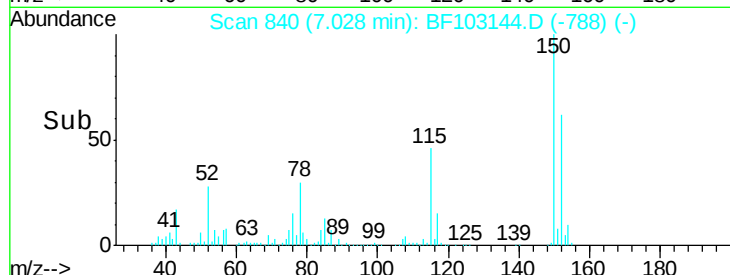
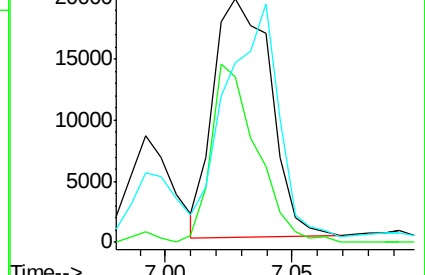
77 73.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 20.188 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF103144.D

Acq: 21 Feb 2018 18:45

Tgt Ion: 70 Resp: 163841

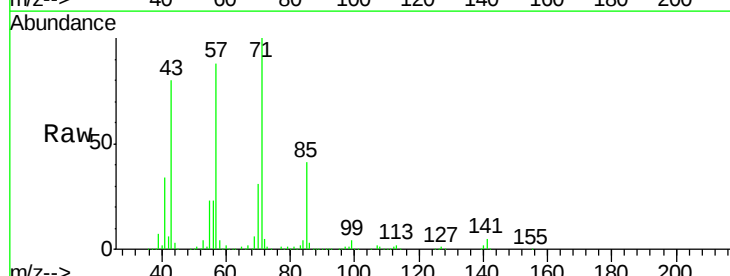
Ion Ratio Lower Upper

70 100

42 18.7 47.5 71.3#

101 0.5 7.4 11.2#

130 0.0 16.6 25.0#

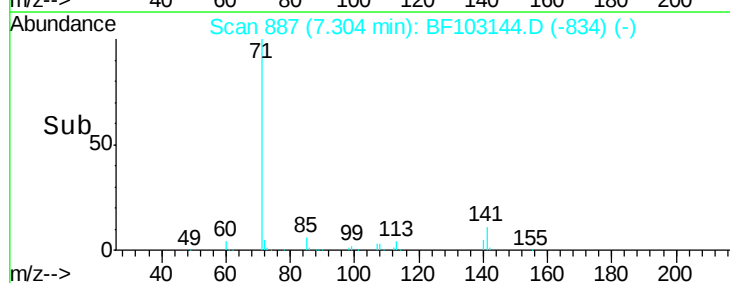
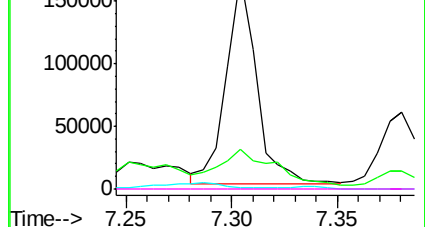


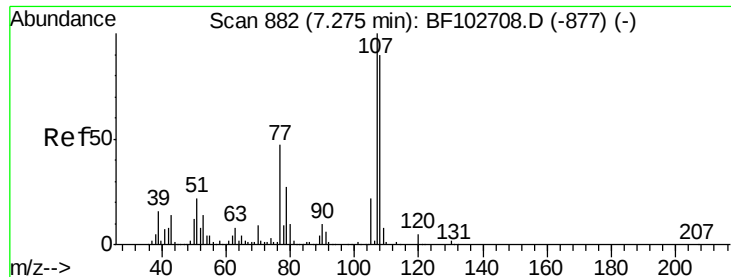
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

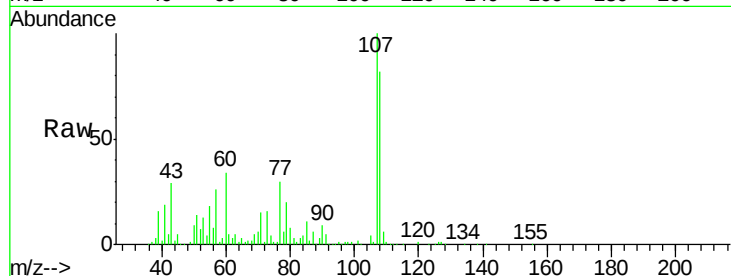




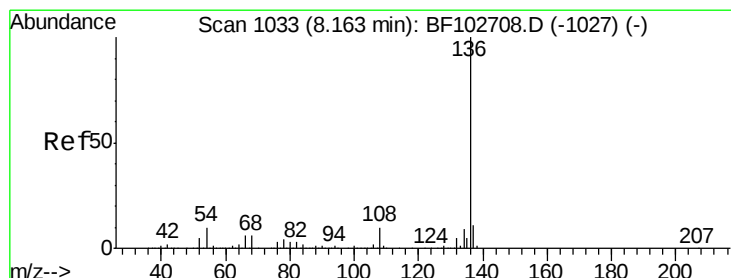
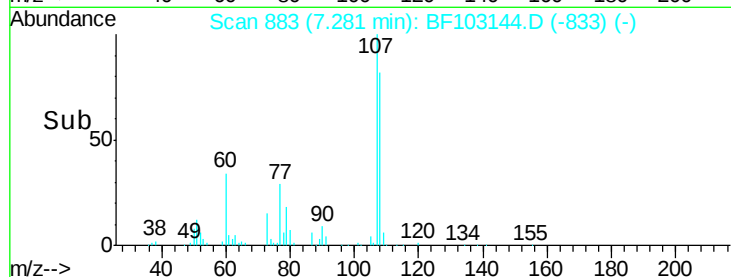
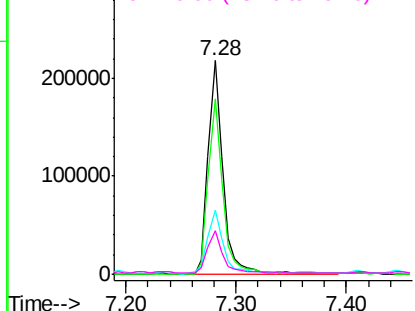
#20
3+4-Methylphenols
Concen: 16.869 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF103144.D
Acq: 21 Feb 2018 18:45

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH-SLUDGE-PIT

Tot Ion:107	Resp:	201959
Ion Ratio	Lower	Upper
107	100	
108	81.9	68.2 108.2
77	30.0	26.7 66.7
79	20.4	6.3 46.3

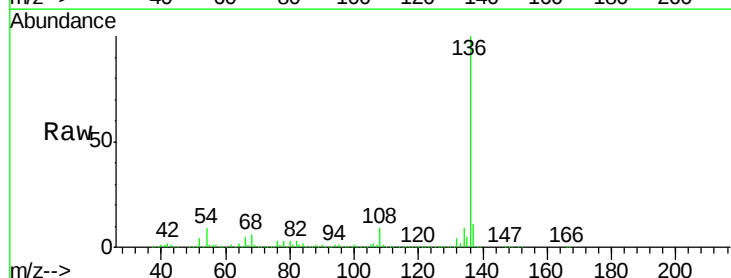


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

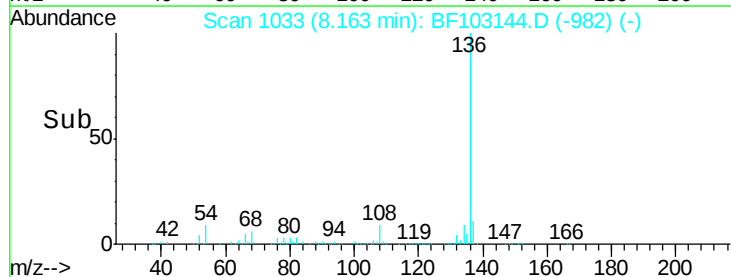
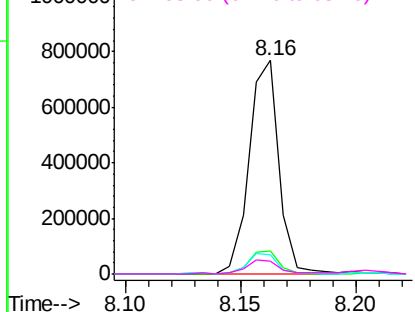


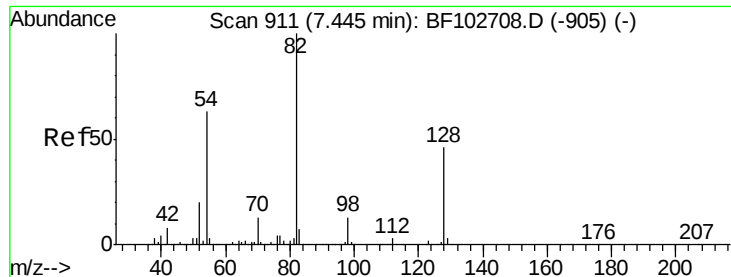
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF103144.D
Acq: 21 Feb 2018 18:45

Tgt Ion:136	Resp:	692479
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	8.8	6.6 9.8
68	6.0	5.0 7.4



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

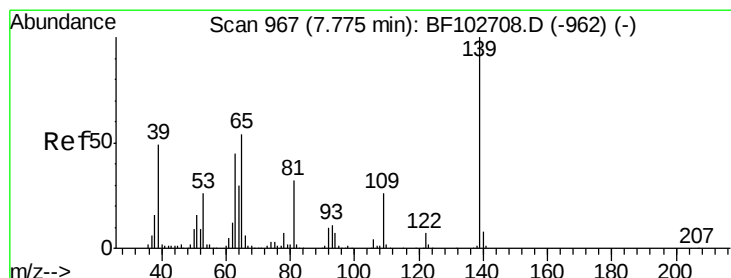
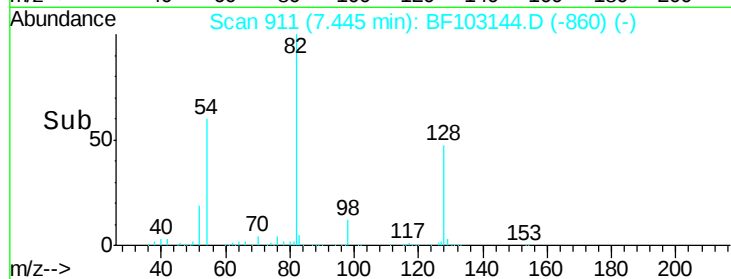
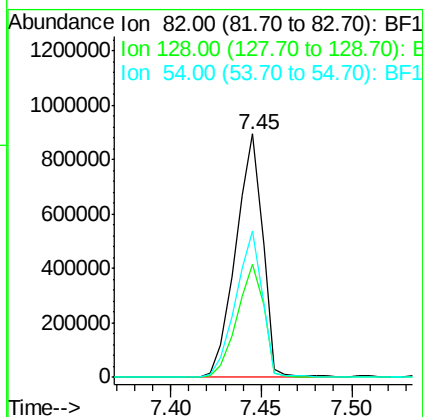
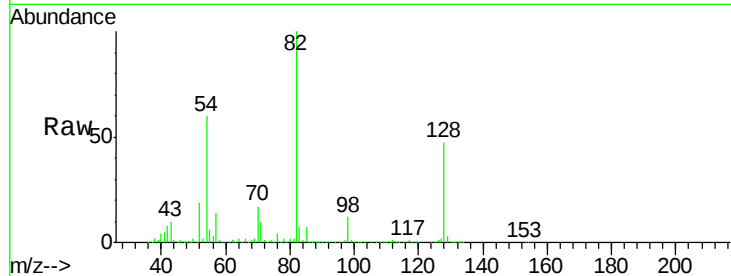




#23
Nitrobenzene-d5
Concen: 92.168 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF103144.D
Acq: 21 Feb 2018 18:45

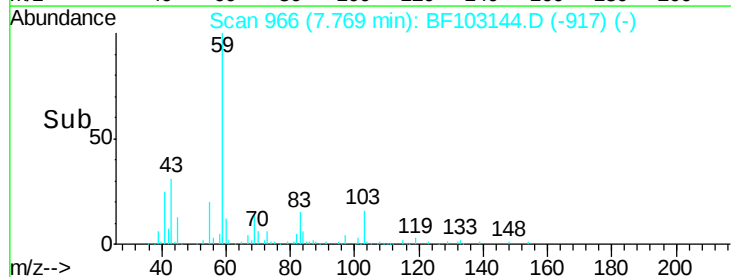
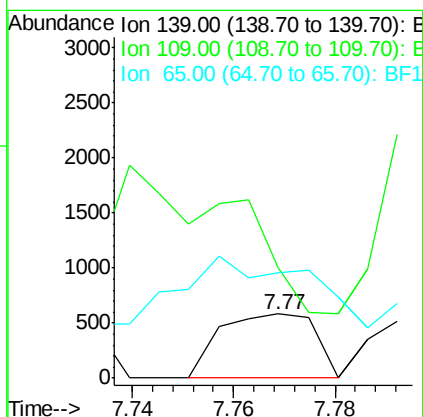
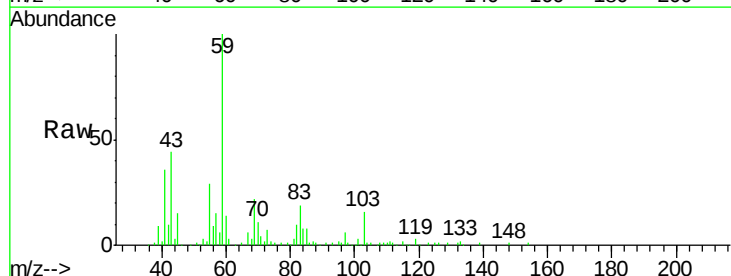
Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH-SLUDGE-PIT

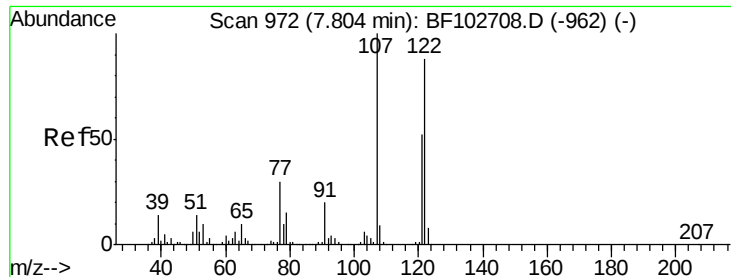
Tot Ion: 82 Resp: 920046
Ion Ratio Lower Upper
82 100
128 46.5 36.1 54.1
54 60.2 41.4 62.2



#26
2-Nitrophenol
Concen: 8.794 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF103144.D
Acq: 21 Feb 2018 18:45

Tgt Ion: 139 Resp: 754
Ion Ratio Lower Upper
139 100
109 173.2 22.7 34.1#
65 163.9 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 114.842 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.23 min

Lab File: BF103144.D

Acq: 21 Feb 2018 18:45

Instrument :

BNA_F

ClientSampleId :

CHASSIS-WASH-SLUDGE-PIT

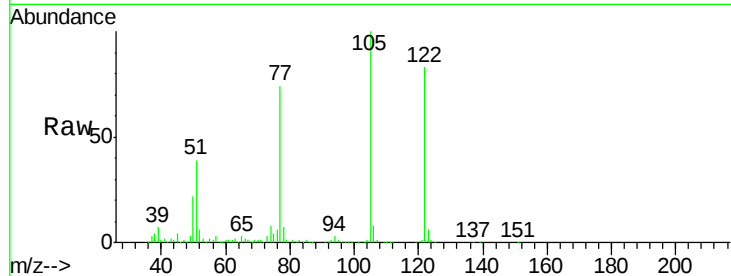
Tot Ion:122 Resp: 1115241

Ion Ratio Lower Upper

122 100

107 0.6 91.2 136.8#

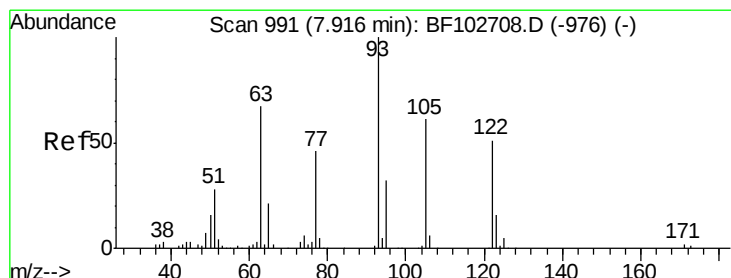
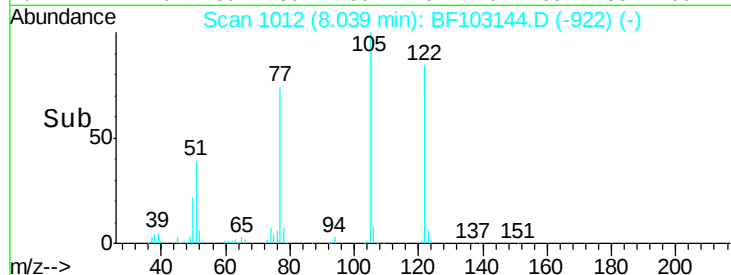
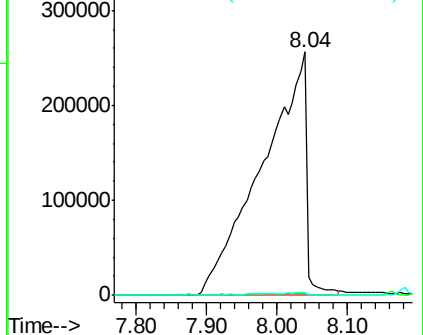
121 1.2 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#32

Benzoic acid

Concen: 115.727 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.09 min

Lab File: BF103144.D

Acq: 21 Feb 2018 18:45

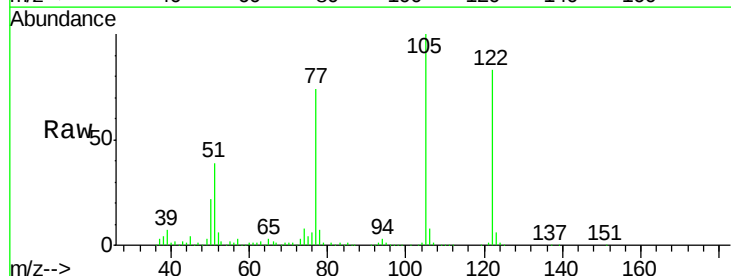
Tgt Ion:122 Resp: 1128138

Ion Ratio Lower Upper

122 100

105 120.7 101.1 141.1

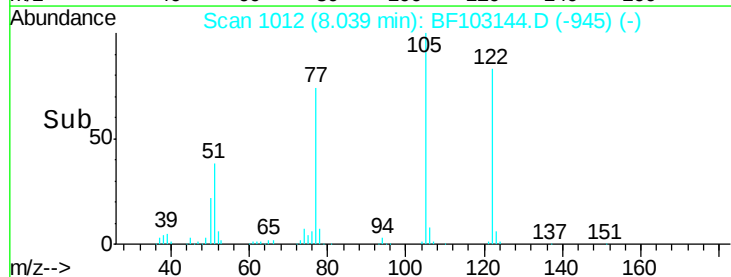
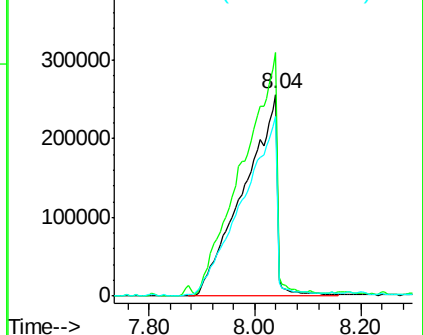
77 89.3 70.7 110.7

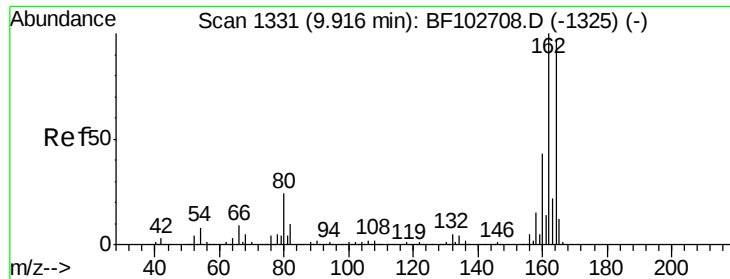


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

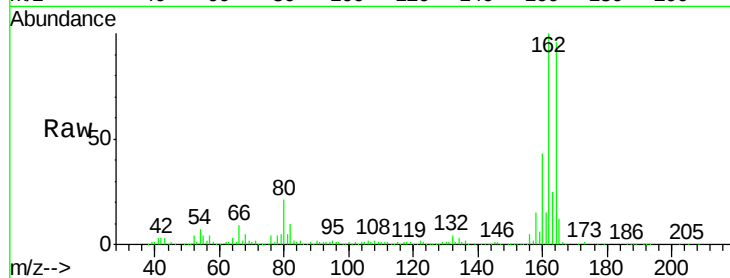




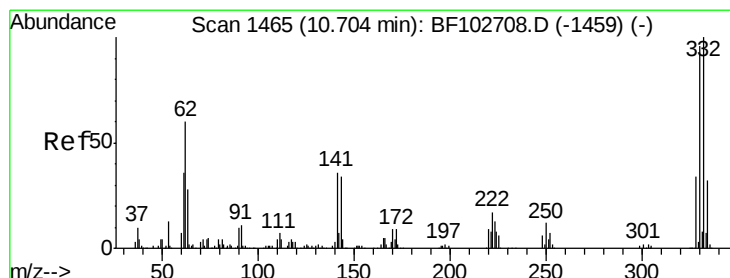
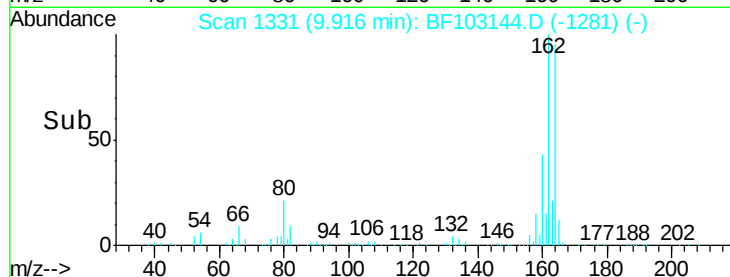
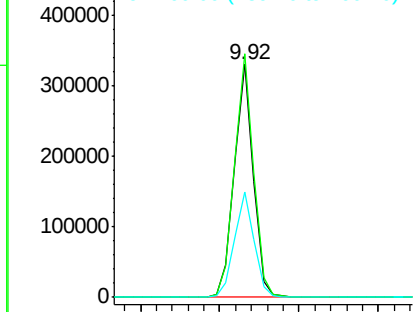
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103144.D
Acq: 21 Feb 2018 18:45

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH-SLUDGE-PIT

Tot Ion:164 Resp: 277364
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 45.0 38.3 57.5

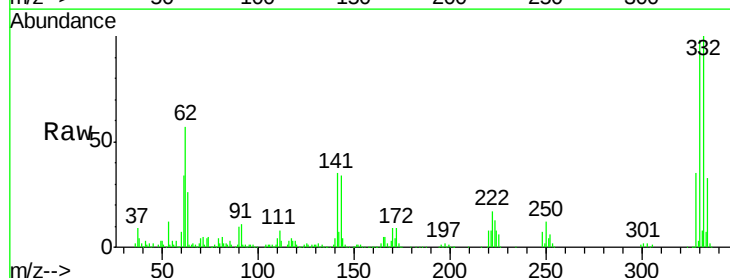


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

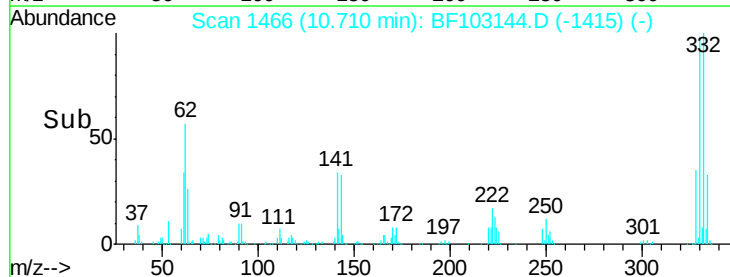
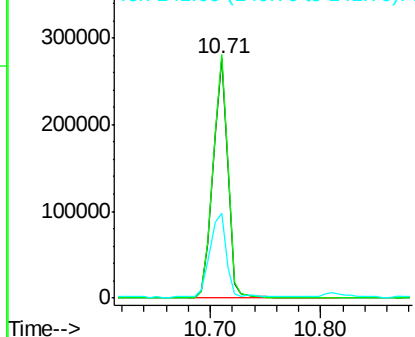


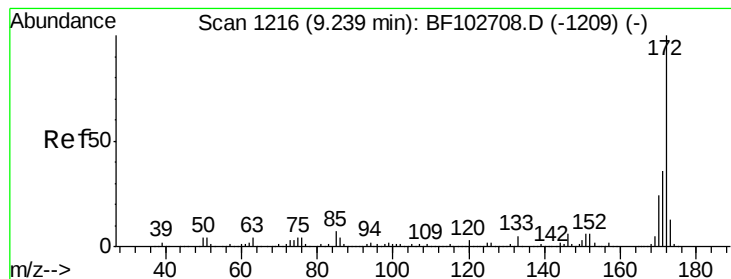
#41
2,4,6-Tribromophenol
Concen: 113.983 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BF103144.D
Acq: 21 Feb 2018 18:45

Tgt Ion:330 Resp: 254463
Ion Ratio Lower Upper
330 100
332 101.8 77.0 115.6
141 38.0 29.9 44.9



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: 84.414 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF103144.D

Acq: 21 Feb 2018 18:45

Instrument :

BNA_F

ClientSampleId :

CHASSIS-WASH-SLUDGE-PIT

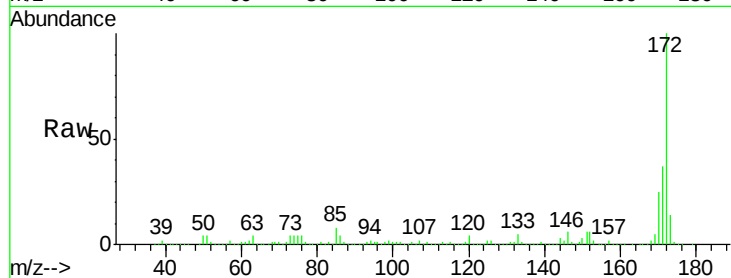
Tot Ion:172 Resp: 1411002

Ion Ratio Lower Upper

172 100

171 36.8 29.7 44.5

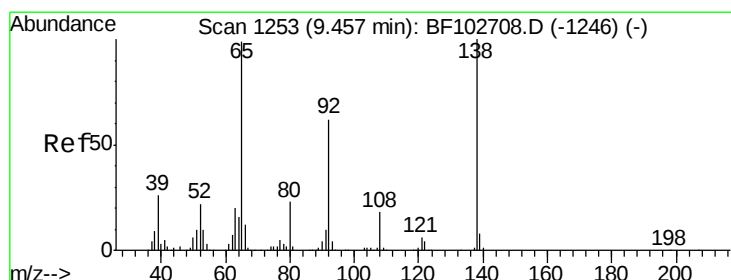
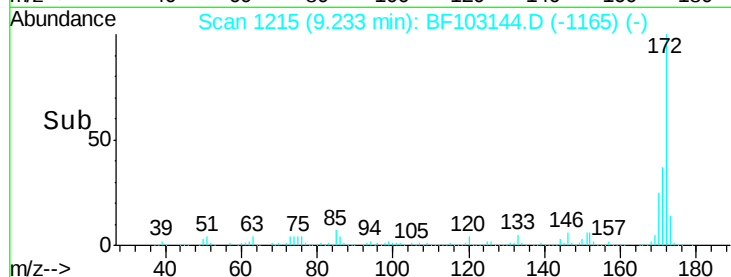
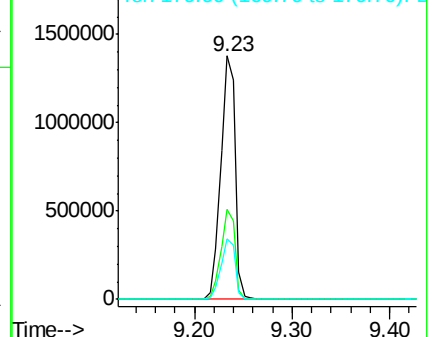
170 24.9 19.6 29.4



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



#47

2-Nitroaniline

Concen: 3.653 ng

RT: 9.48 min Scan# 1257

Delta R.T. 0.02 min

Lab File: BF103144.D

Acq: 21 Feb 2018 18:45

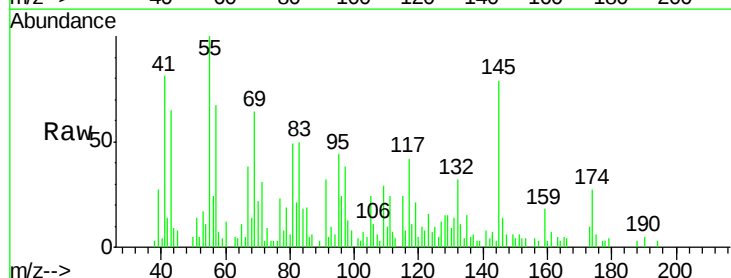
Tgt Ion: 65 Resp: 1109

Ion Ratio Lower Upper

65 100

92 45.4 55.8 83.6#

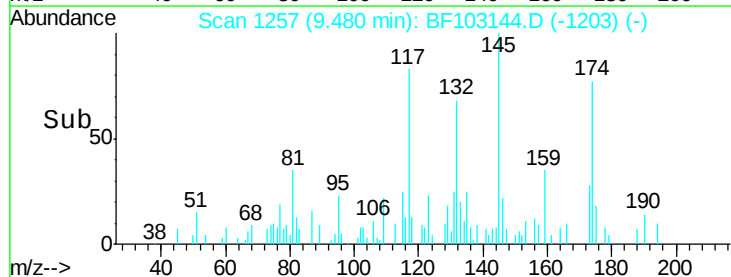
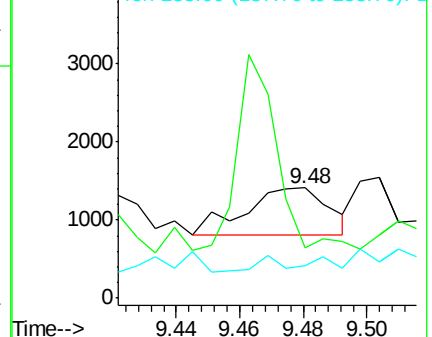
138 29.8 91.2 136.8#

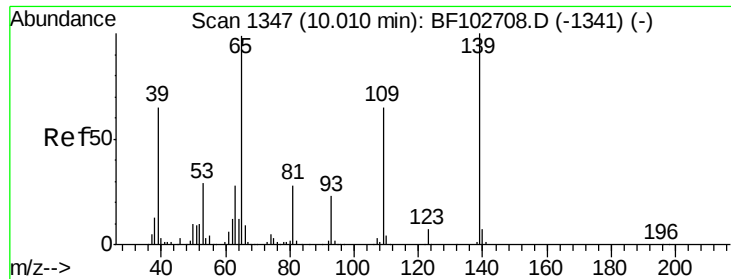


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

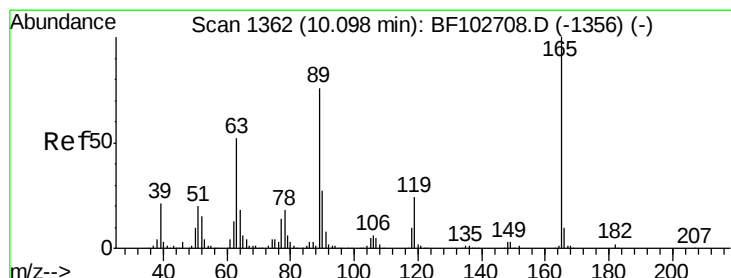
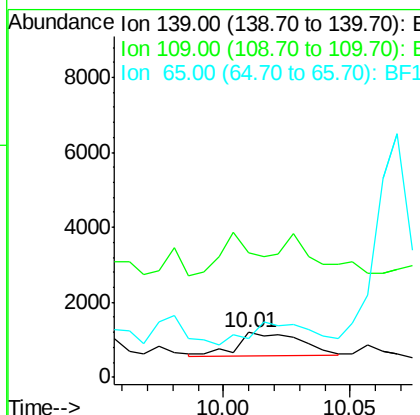
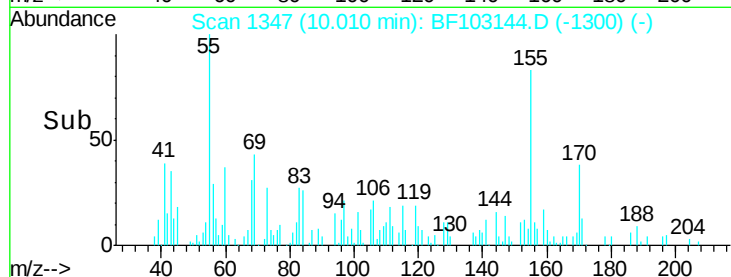
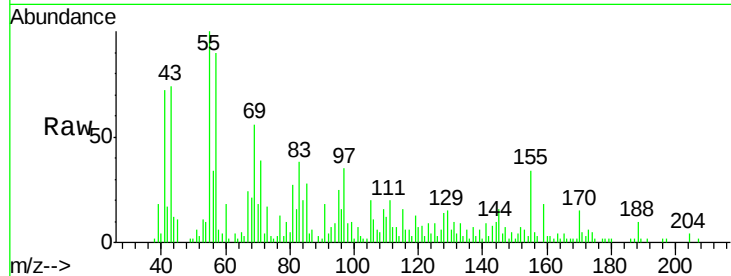




#55
4-Nitrophenol
Concen: 4.274 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF103144.D
Acq: 21 Feb 2018 18:45

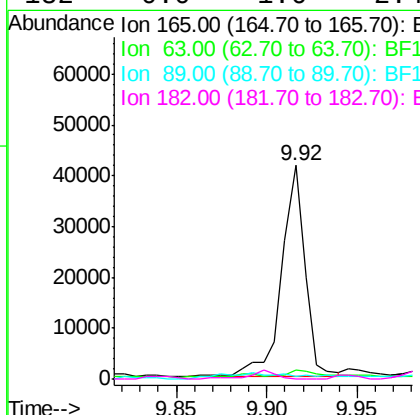
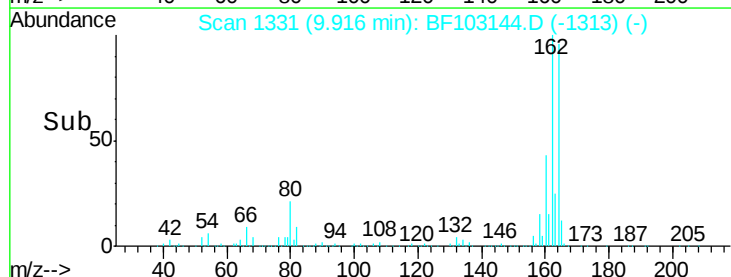
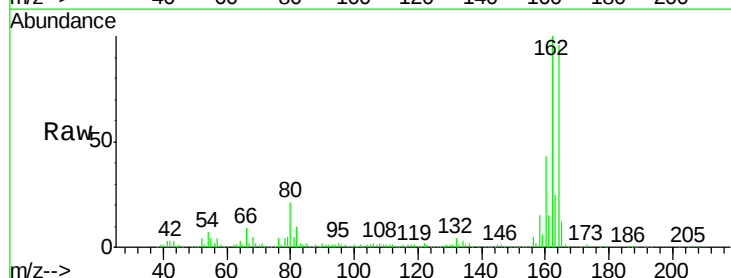
Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH-SLUDGE-PIT

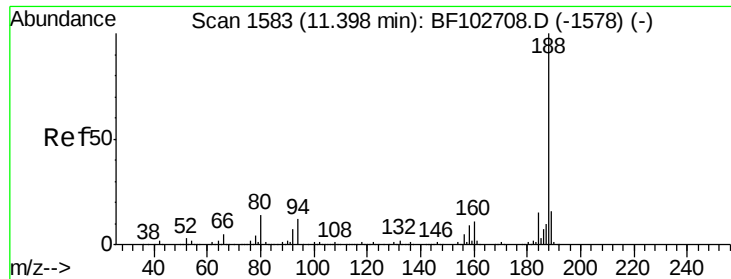
Tot Ion:139 Resp: 1095
Ion Ratio Lower Upper
139 100
109 277.4 48.4 88.4#
65 86.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 9.457 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF103144.D
Acq: 21 Feb 2018 18:45

Tgt Ion:165 Resp: 37626
Ion Ratio Lower Upper
165 100
63 4.3 36.4 54.6#
89 1.3 57.8 86.6#
182 0.0 1.6 2.4#

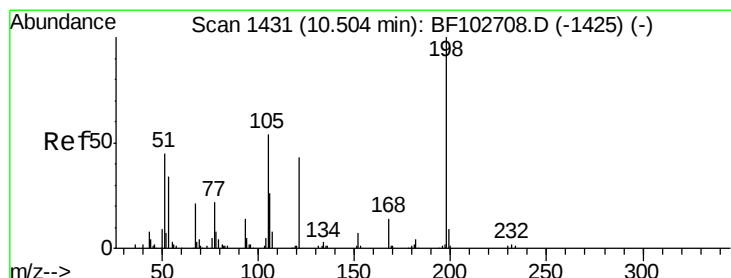
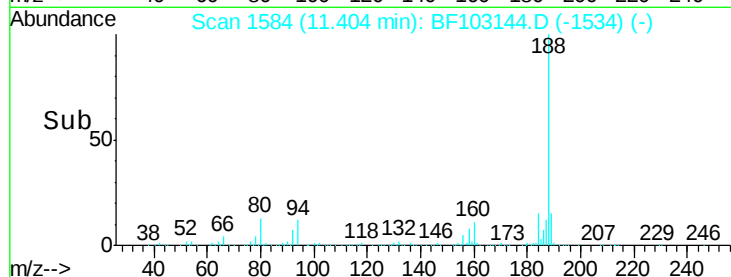
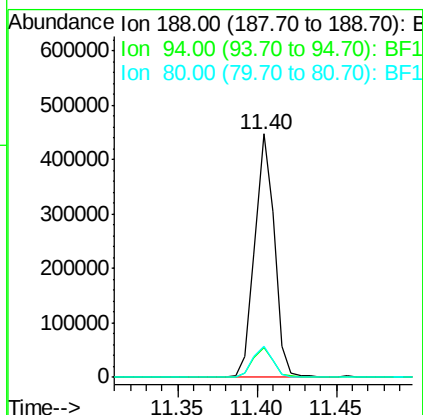
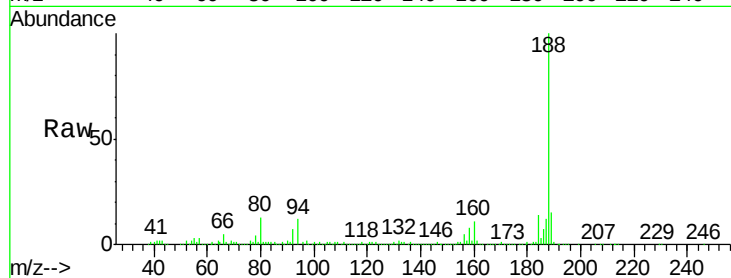




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103144.D
 Acq: 21 Feb 2018 18:45

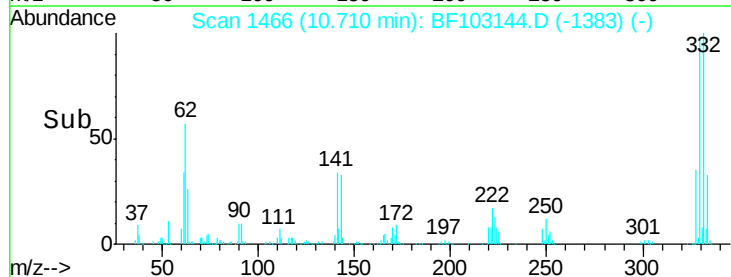
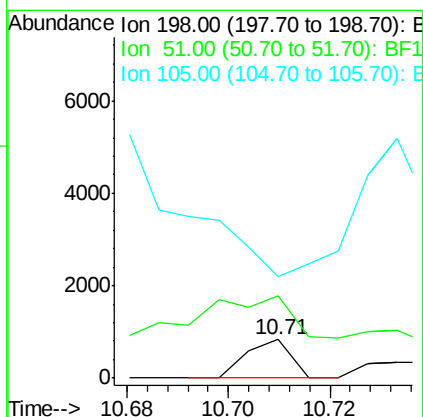
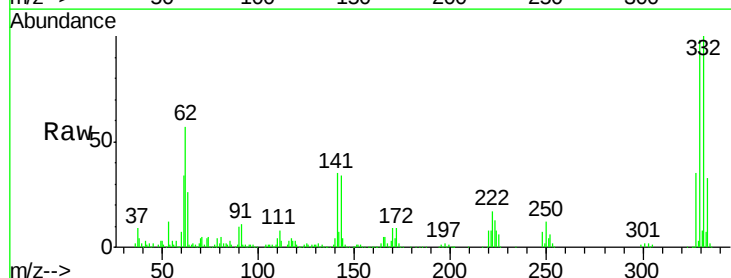
Instrument :
 BNA_F
 ClientSampleId :
 CHASSIS-WASH-SLUDGE-PIT

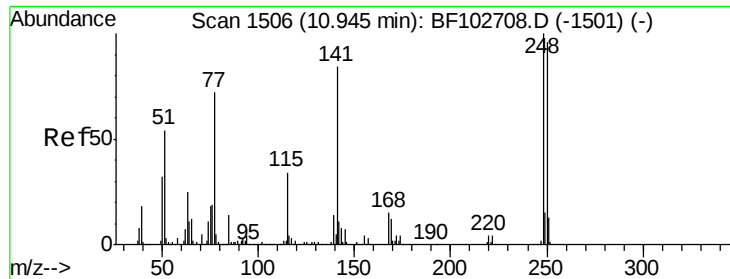
Tot Ion:188 Resp: 388010
 Ion Ratio Lower Upper
 188 100
 94 12.0 8.5 12.7
 80 12.9 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.079 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.19 min
 Lab File: BF103144.D
 Acq: 21 Feb 2018 18:45

Tgt Ion:198 Resp: 500
 Ion Ratio Lower Upper
 198 100
 51 212.2 37.7 77.7#
 105 264.4 36.3 76.3#

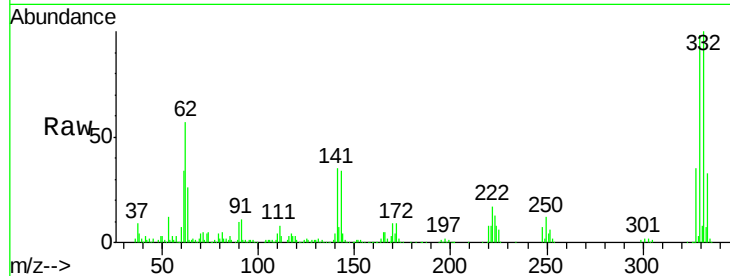




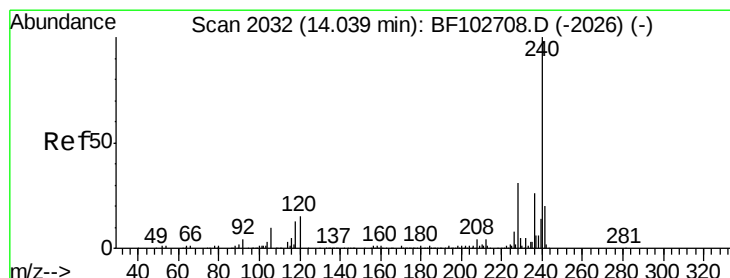
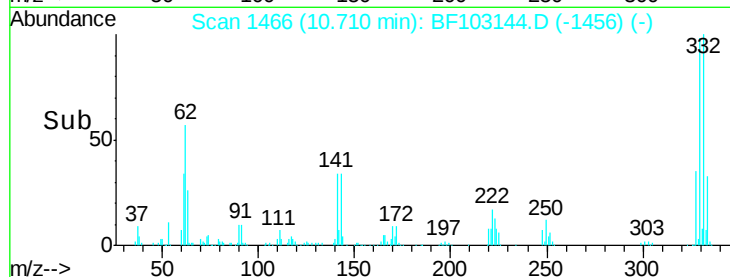
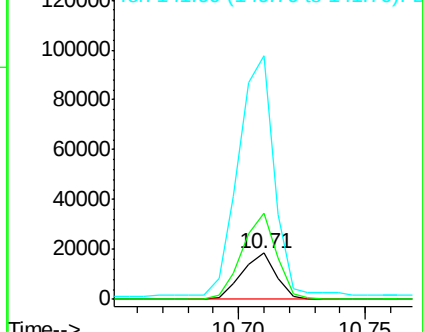
#66
4-Bromophenyl-phenylether
Concen: 4.233 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103144.D
Acq: 21 Feb 2018 18:45

Instrument :
BNA_F
ClientSampleId :
CHASSIS-WASH-SLUDGE-PIT

Tot Ion:248 Resp: 17374
Ion Ratio Lower Upper
248 100
250 187.2 76.9 115.3#
141 525.9 74.4 111.6#

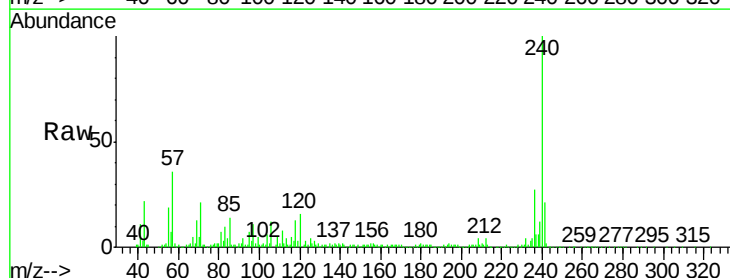


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

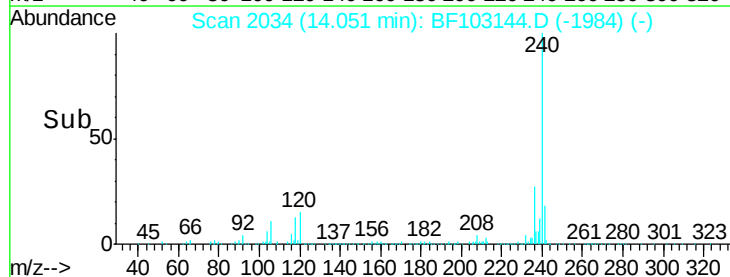
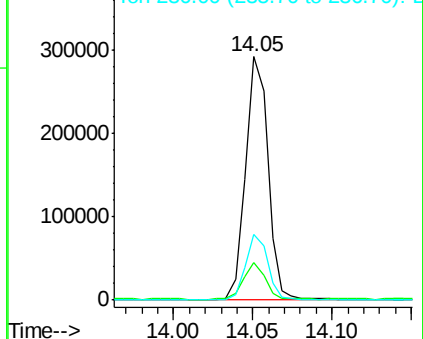


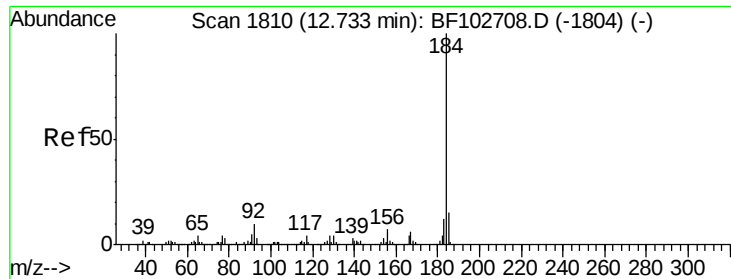
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103144.D
Acq: 21 Feb 2018 18:45

Tgt Ion:240 Resp: 287152
Ion Ratio Lower Upper
240 100
120 15.6 9.5 14.3#
236 26.8 20.7 31.1



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





#76

Benzidine

Concen: 2.654 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.16 min

Lab File: BF103144.D

Acq: 21 Feb 2018 18:45

Instrument :

BNA_F

ClientSampleId :

CHASSIS-WASH-SLUDGE-PIT

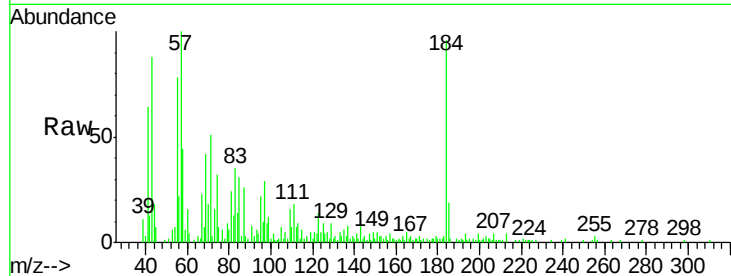
Tot Ion:184 Resp: 35021

Ion Ratio Lower Upper

184 100

185 19.4 12.6 18.8#

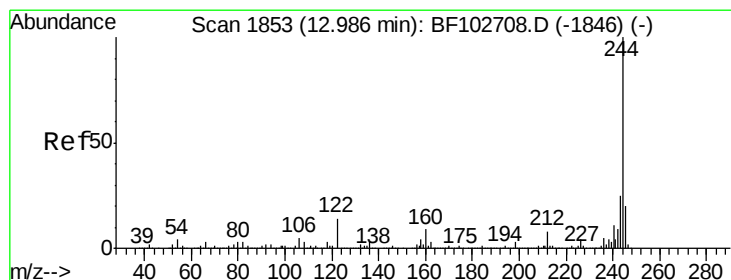
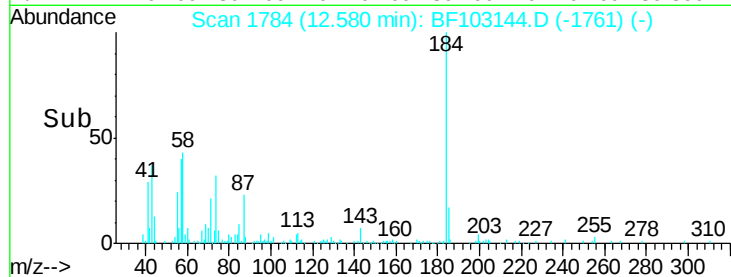
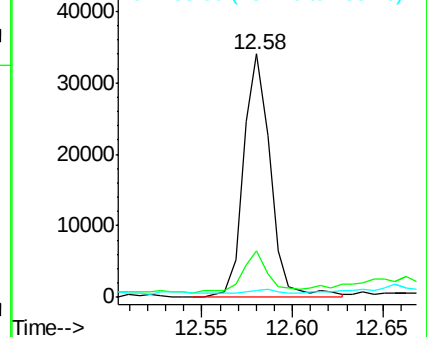
183 2.8 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 78.062 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103144.D

Acq: 21 Feb 2018 18:45

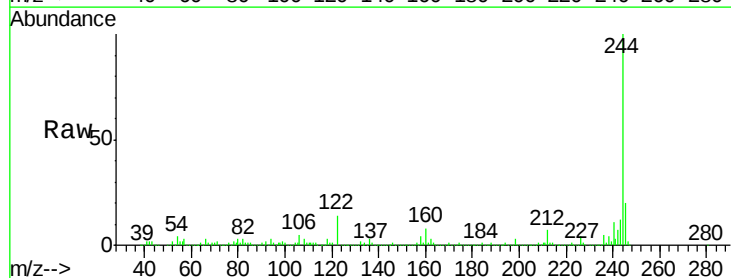
Tgt Ion:244 Resp: 946693

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

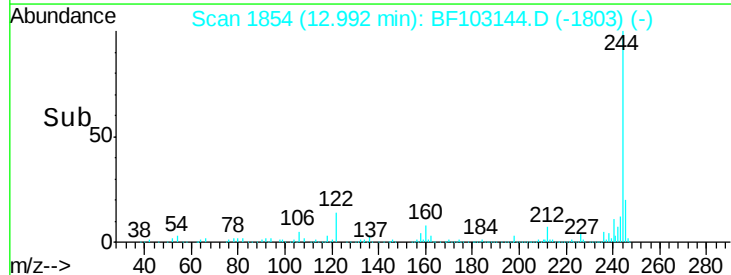
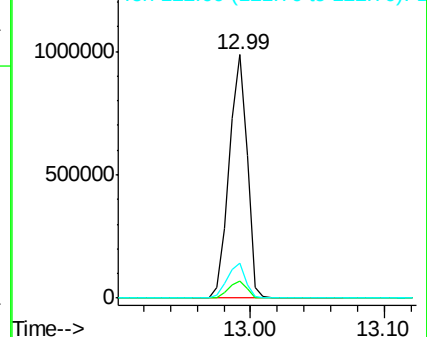
122 14.1 11.0 16.4

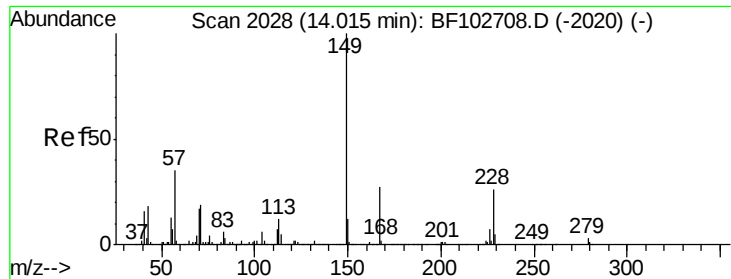


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

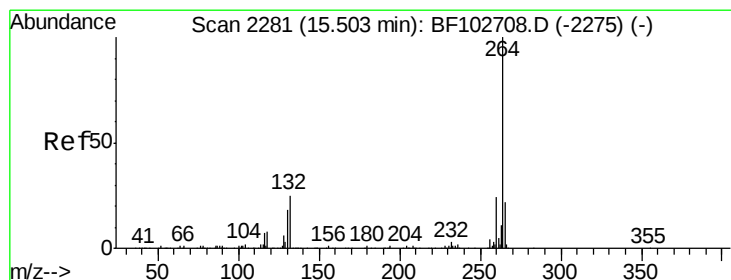
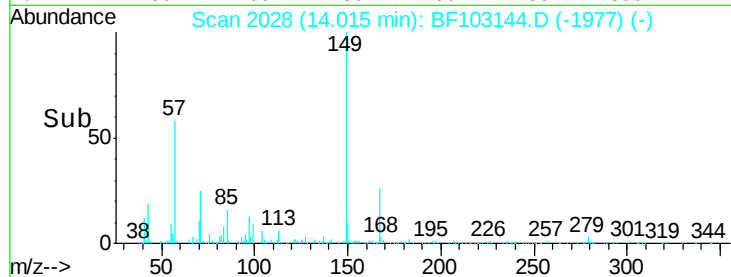
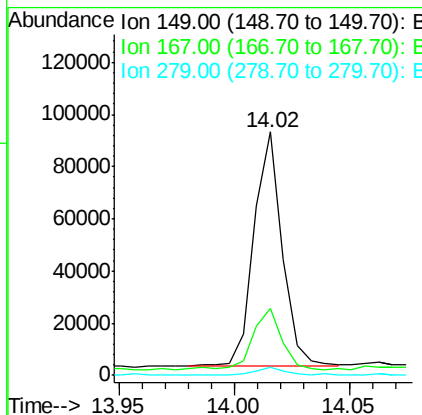
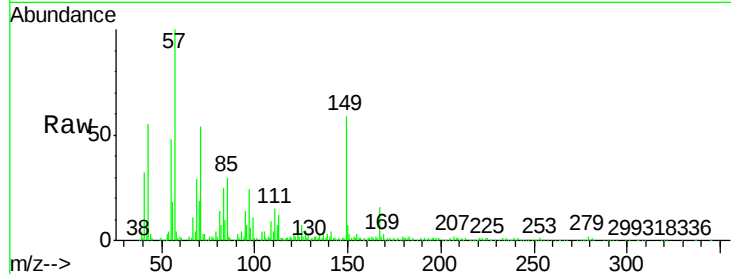




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.610 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF103144.D
 Acq: 21 Feb 2018 18:45

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIS-WASH-SLUDGE-PIT

Tot Ion:149 Resp: 77389
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.3 31.9
 279 3.2 3.0 4.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: BF103144.D
 Acq: 21 Feb 2018 18:45

Tgt Ion:264 Resp: 223799
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.5 17.5 26.3

