

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103145.D
 Acq On : 21 Feb 2018 19:12
 Operator : SJ/JU
 Sample : J1619-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Feb 22 08:45:33 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

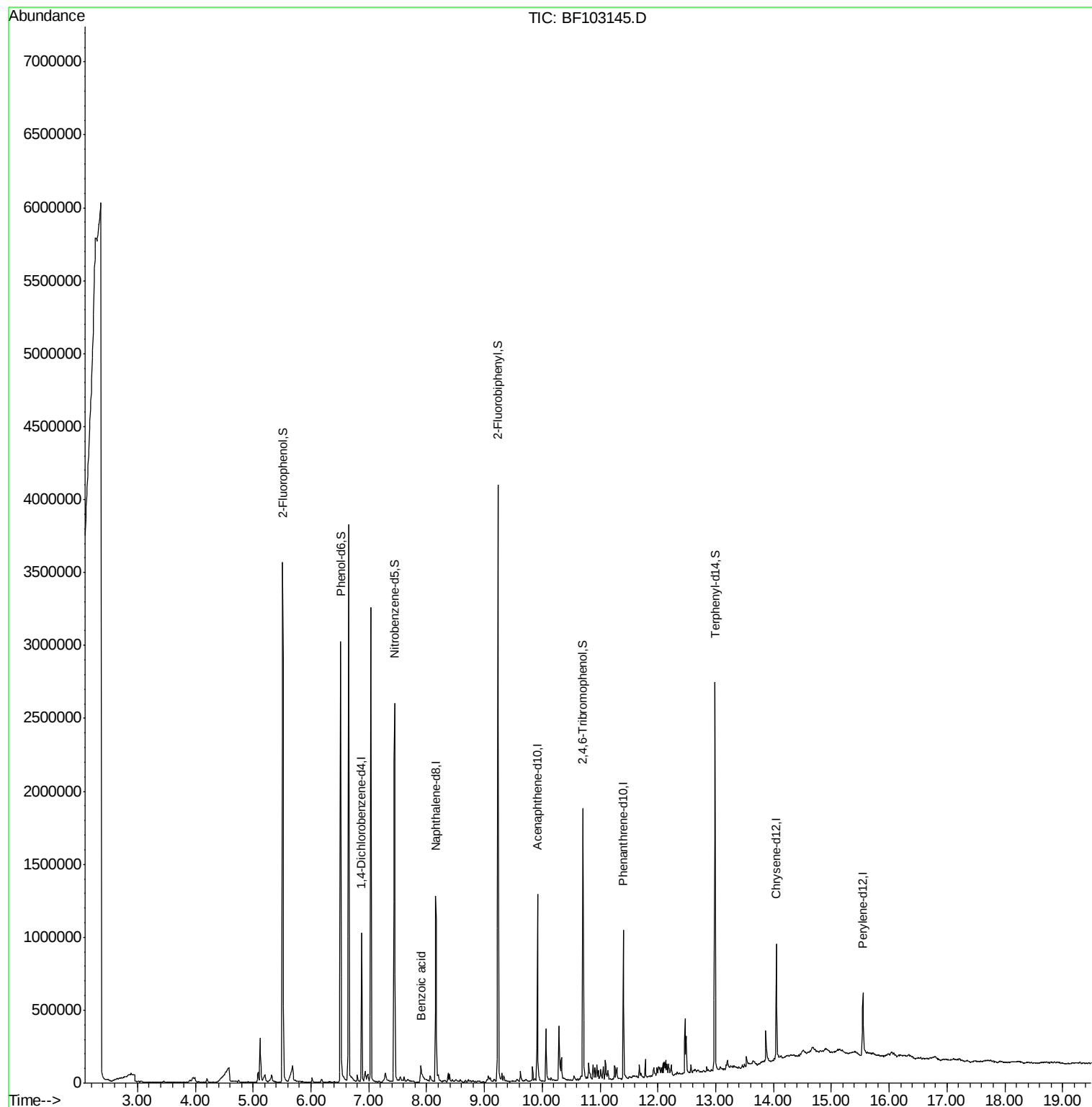
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	150061	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	609767	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	241516	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	344191	20.00	ng	0.00
75) Chrysene-d12	14.05	240	267886	20.00	ng	0.00
86) Perylene-d12	15.54	264	206498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1077620	109.06	ng	0.02
7) Phenol-d6	6.52	99	1149873	96.65	ng	0.00
23) Nitrobenzene-d5	7.45	82	873174	99.34	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	221814	114.11	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1353876	93.02	ng	0.00
78) Terphenyl-d14	12.99	244	957325	84.62	ng	0.00
Target Compounds						
32) Benzoic acid	7.90	122	47075m	15.856	ng	Qvalue

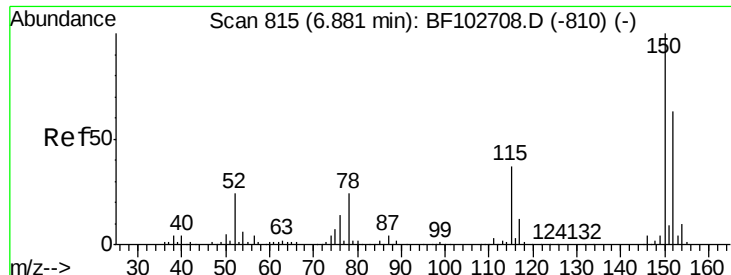
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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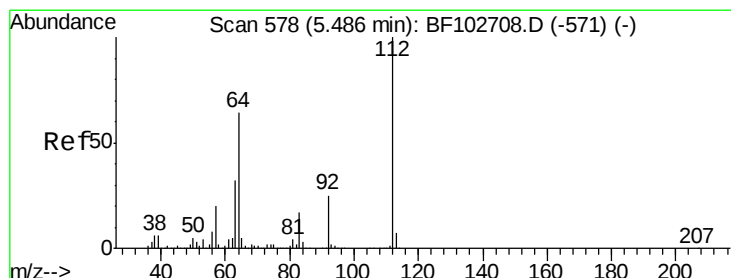
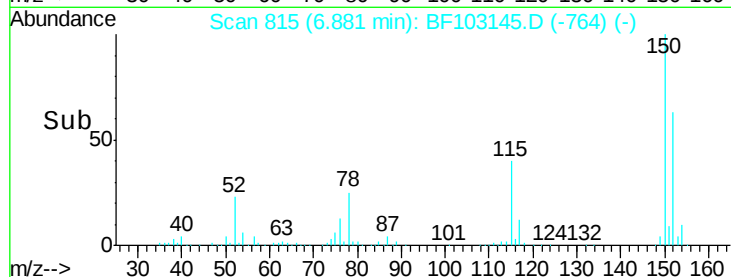
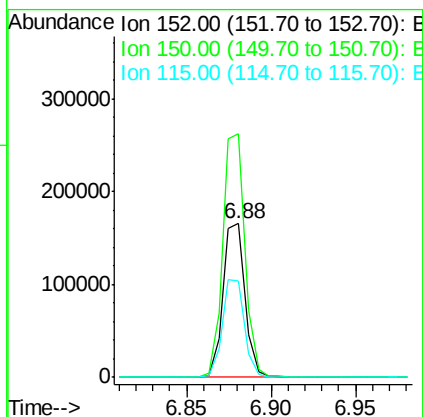
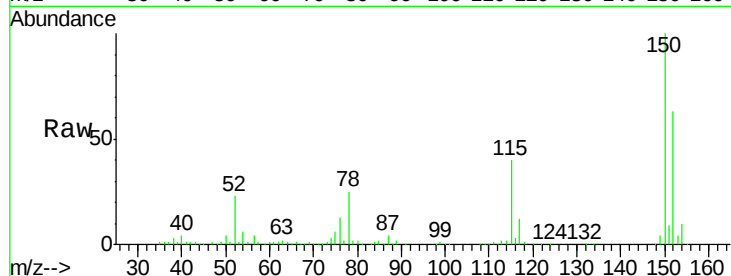


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

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

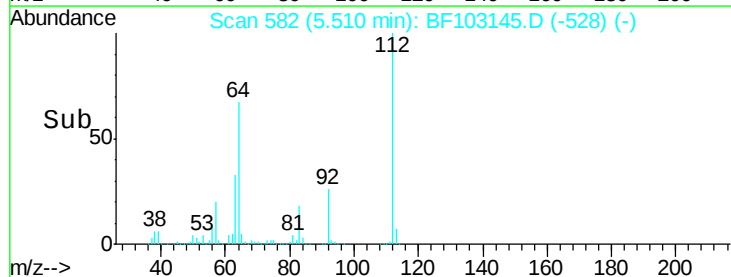
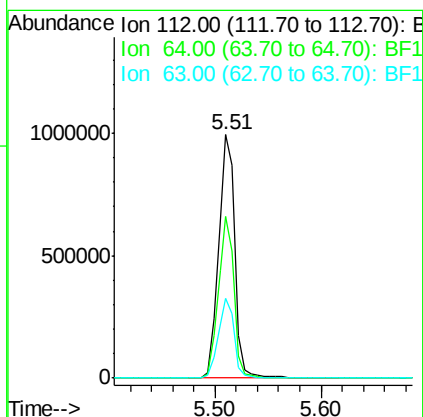
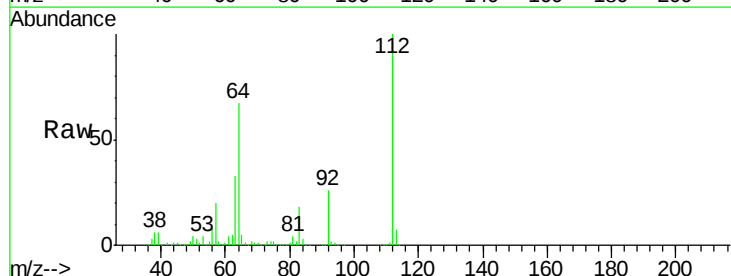
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	62.9	50.1	75.1

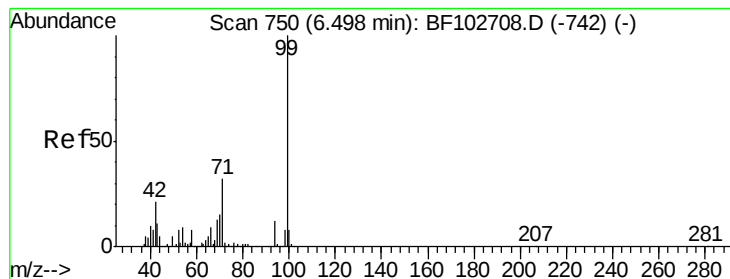


#5

2-Fluorophenol
Concen: 109.059 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103145.D
Acq: 21 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	47.9	71.9
63	32.8	23.7	35.5





#7

Phenol-d6

Concen: 96.648 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103145.D

Acq: 21 Feb 2018 19:12

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PIT

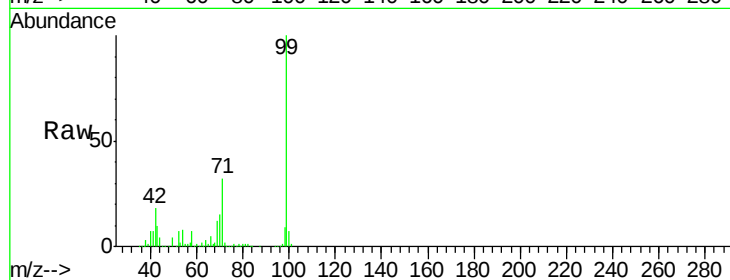
Tot Ion: 99 Resp: 1149873

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

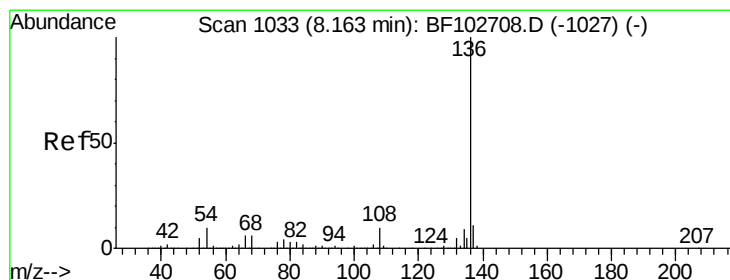
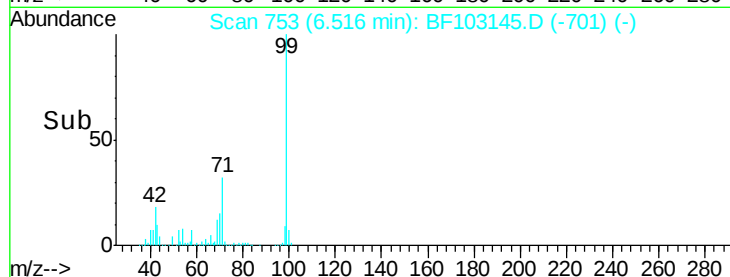
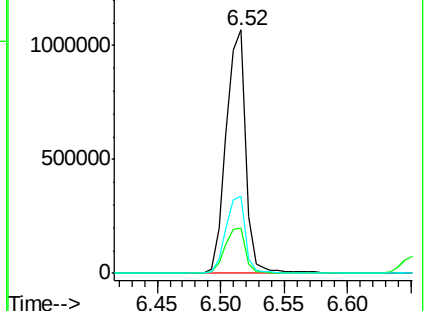
71 31.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103145.D

Acq: 21 Feb 2018 19:12

Tgt Ion: 136 Resp: 609767

Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 10.1 6.6 9.8#

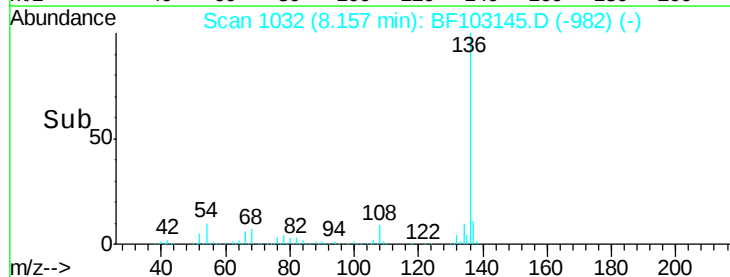
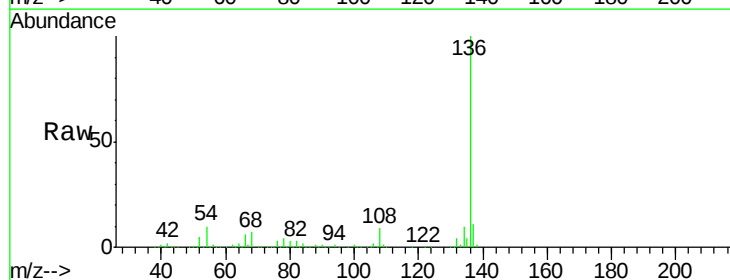
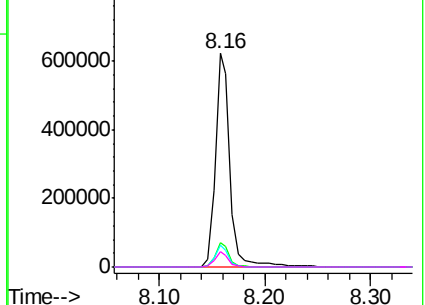
68 7.2 5.0 7.4

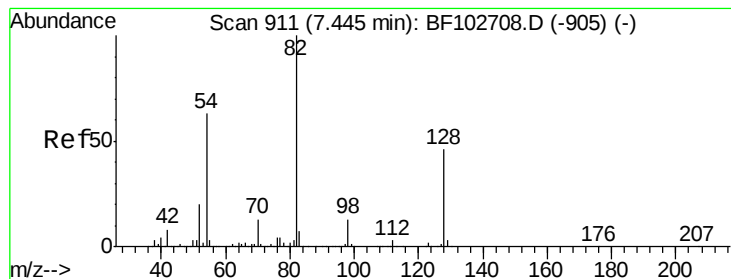
Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.337 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF103145.D

Acq: 21 Feb 2018 19:12

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PIT

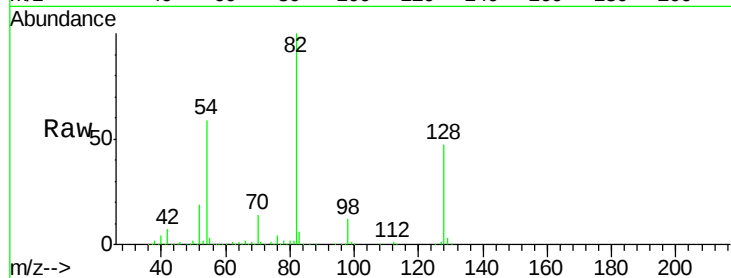
Tot Ion: 82 Resp: 873174

Ion Ratio Lower Upper

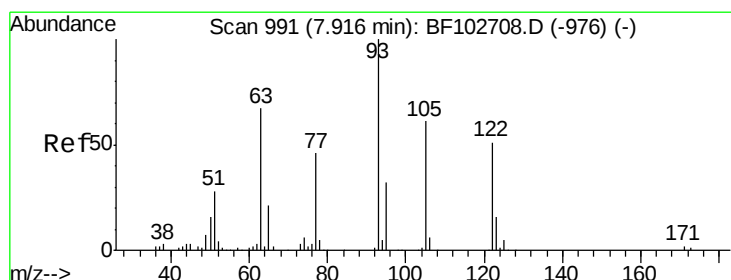
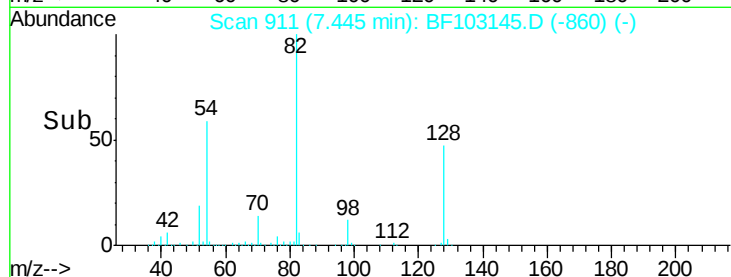
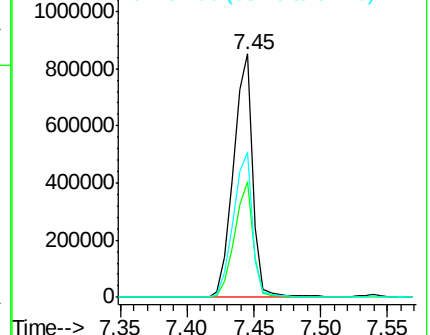
82 100

128 47.4 36.1 54.1

54 59.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#32

Benzoic acid

Concen: 15.856 ng m

RT: 7.90 min Scan# 988

Delta R.T. -0.05 min

Lab File: BF103145.D

Acq: 21 Feb 2018 19:12

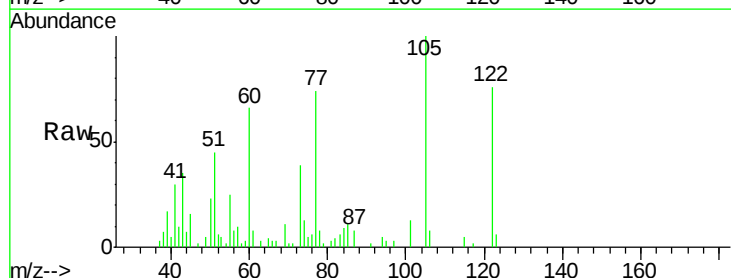
Tgt Ion: 122 Resp: 47075

Ion Ratio Lower Upper

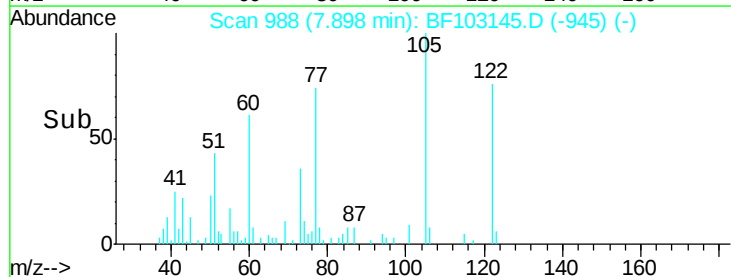
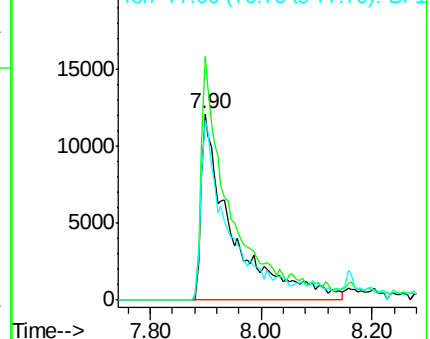
122 100

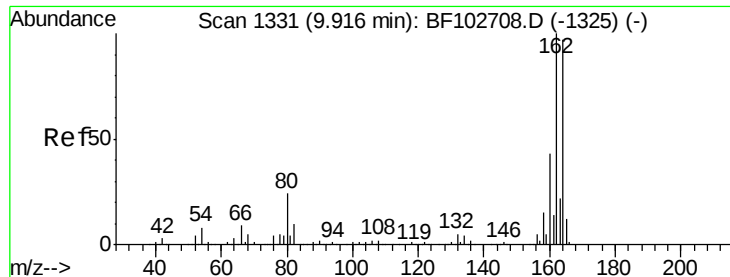
105 130.9 101.1 141.1

77 96.8 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
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: BF103145.D

Acq: 21 Feb 2018 19:12

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PIT

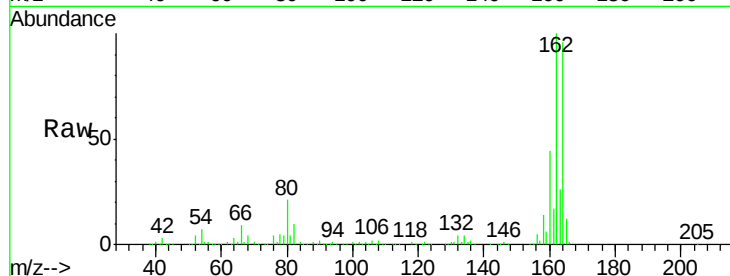
Tot Ion:164 Resp: 241516

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

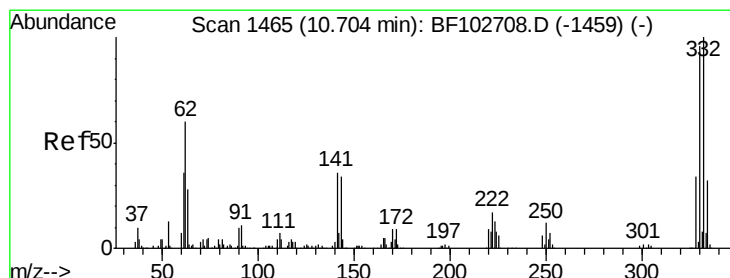
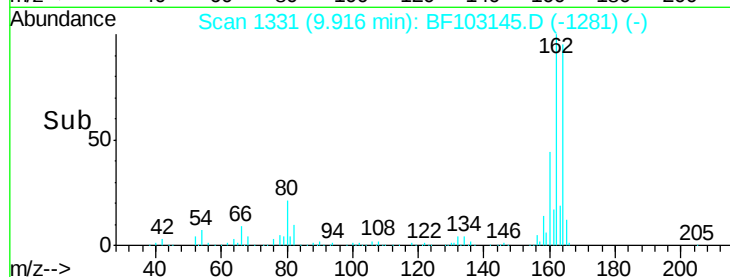
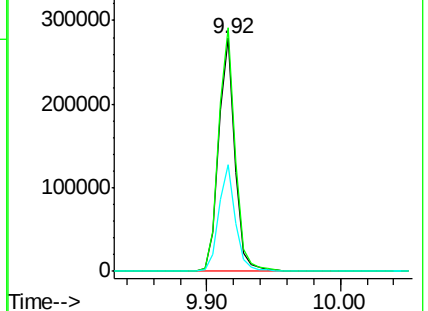
160 45.9 38.3 57.5



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: 114.106 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF103145.D

Acq: 21 Feb 2018 19:12

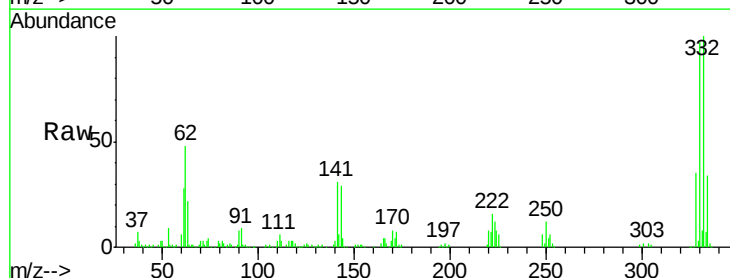
Tgt Ion:330 Resp: 221814

Ion Ratio Lower Upper

330 100

332 102.4 77.0 115.6

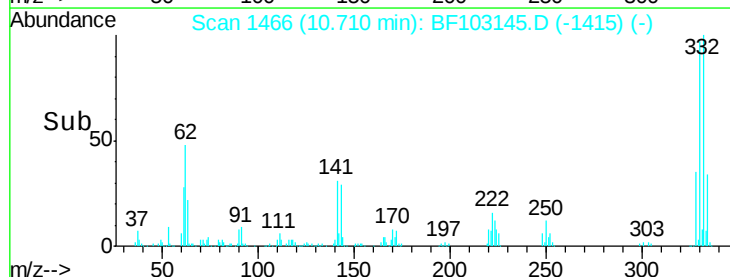
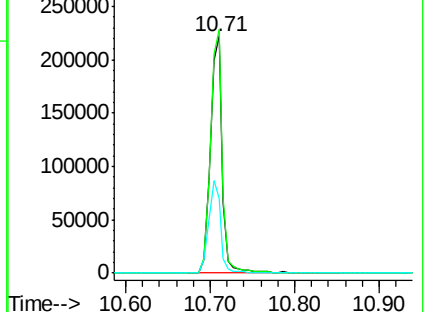
141 39.1 29.9 44.9

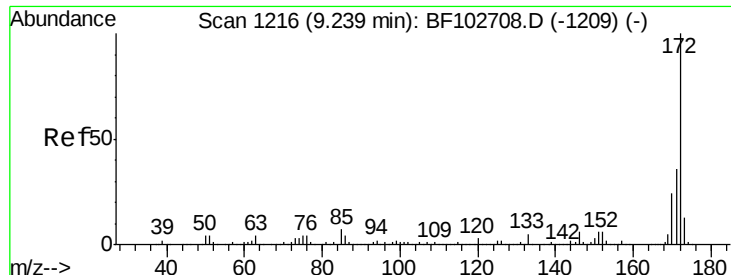


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



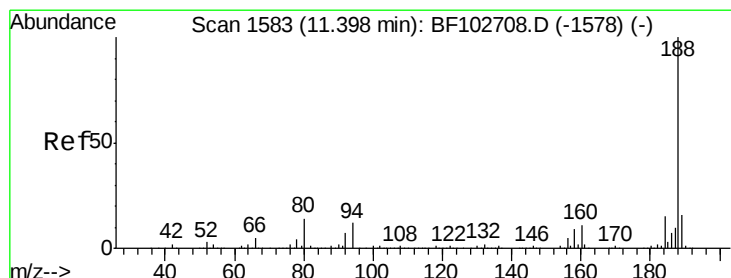
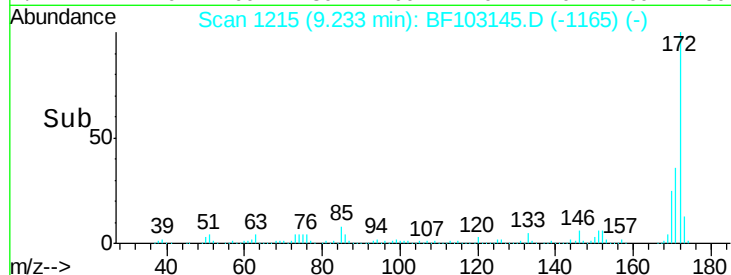
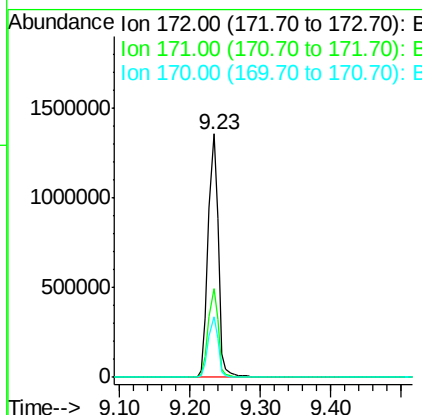
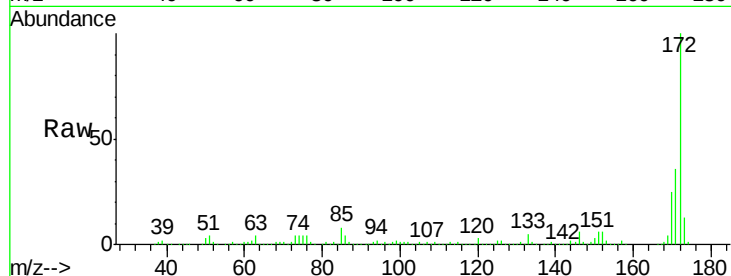


#44
 2-Fluorobiphenyl
 Concen: 93.019 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103145.D
 Acq: 21 Feb 2018 19:12

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

Tot Ion:172 Resp: 1353876

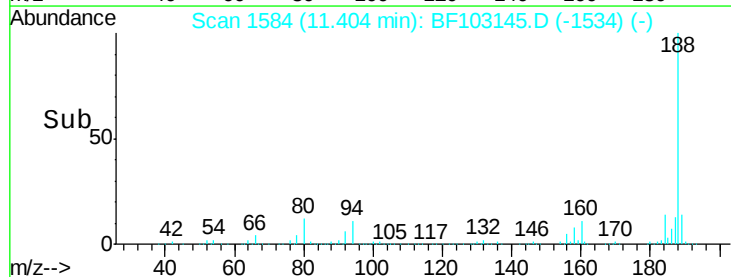
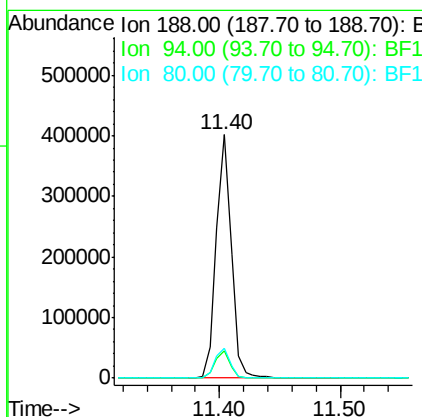
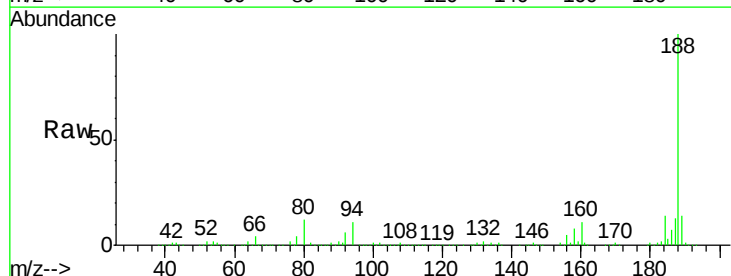
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.7	19.6	29.4

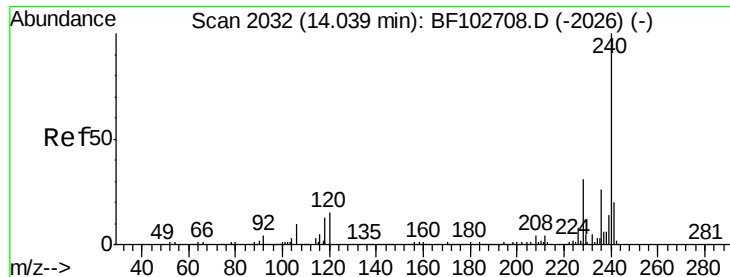


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF103145.D
 Acq: 21 Feb 2018 19:12

Tgt Ion:188 Resp: 344191

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.2	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103145.D

Acq: 21 Feb 2018 19:12

Instrument :

BNA_F

ClientSampleId :

BUS-WASH-SLUDGE-PIT

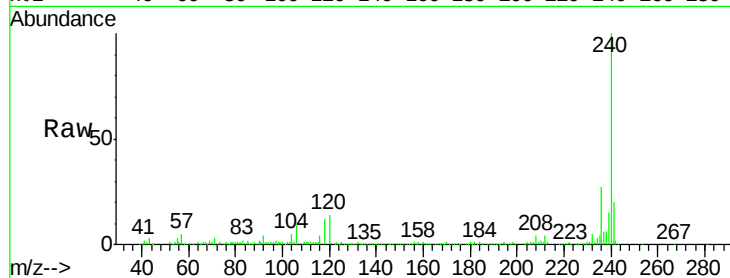
Tot Ion:240 Resp: 267886

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

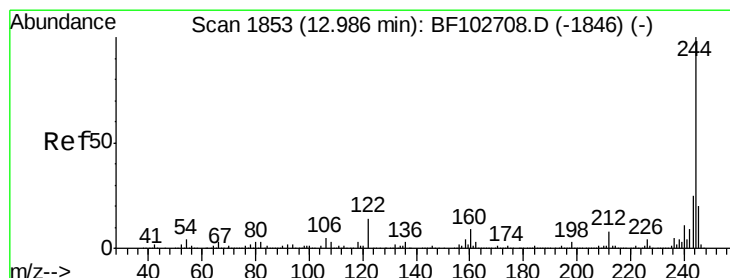
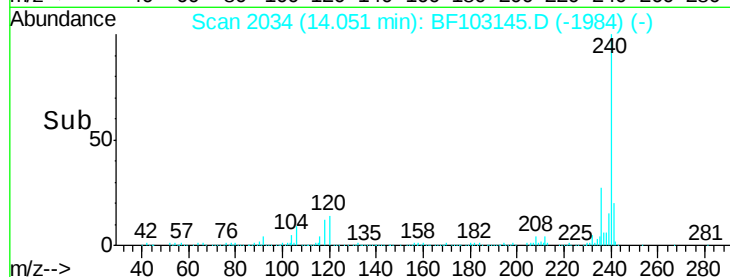
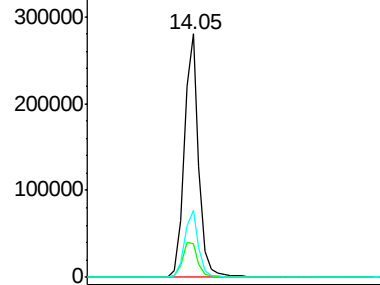
236 27.4 20.7 31.1



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



#78

Terphenyl-d14

Concen: 84.615 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF103145.D

Acq: 21 Feb 2018 19:12

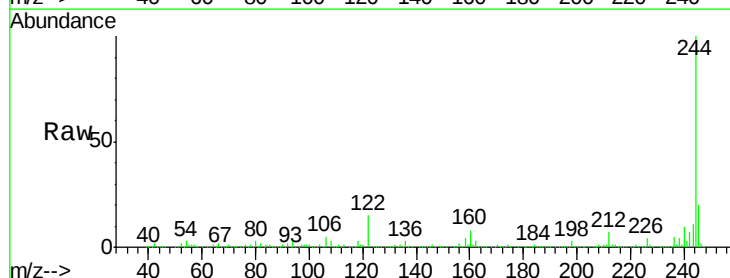
Tgt Ion:244 Resp: 957325

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

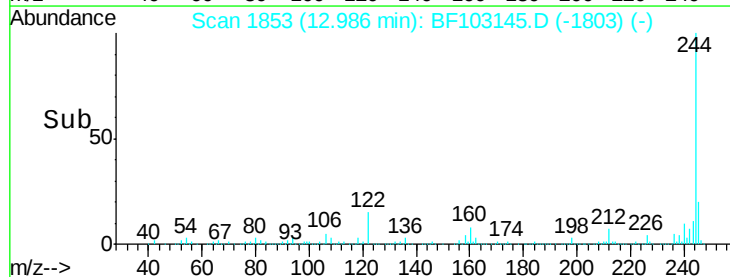
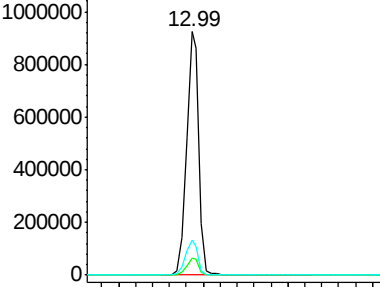
122 14.6 11.0 16.4

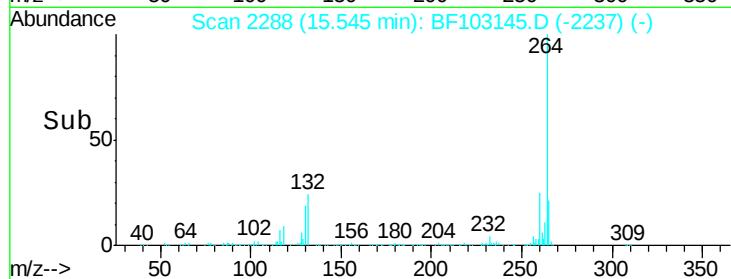
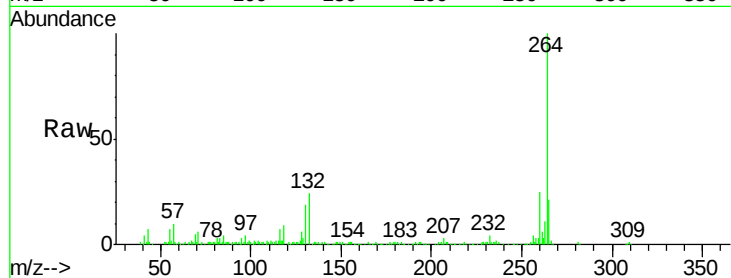
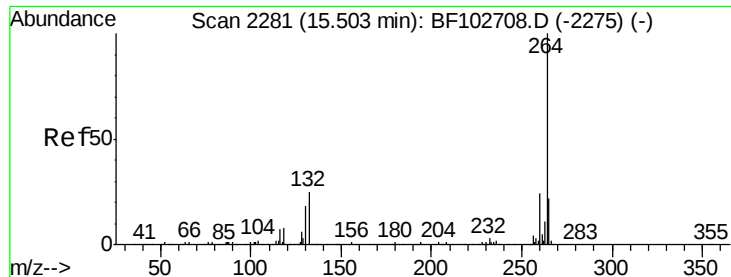


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: BF103145.D
 Acq: 21 Feb 2018 19:12

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.4	17.5	26.3

