

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
 Data File : BF103018.D
 Acq On : 15 Feb 2018 15:33
 Operator : SJ/JU
 Sample : J1539-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4-15-TRENCH-1-SW@5

Quant Time: Feb 15 17:05:09 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

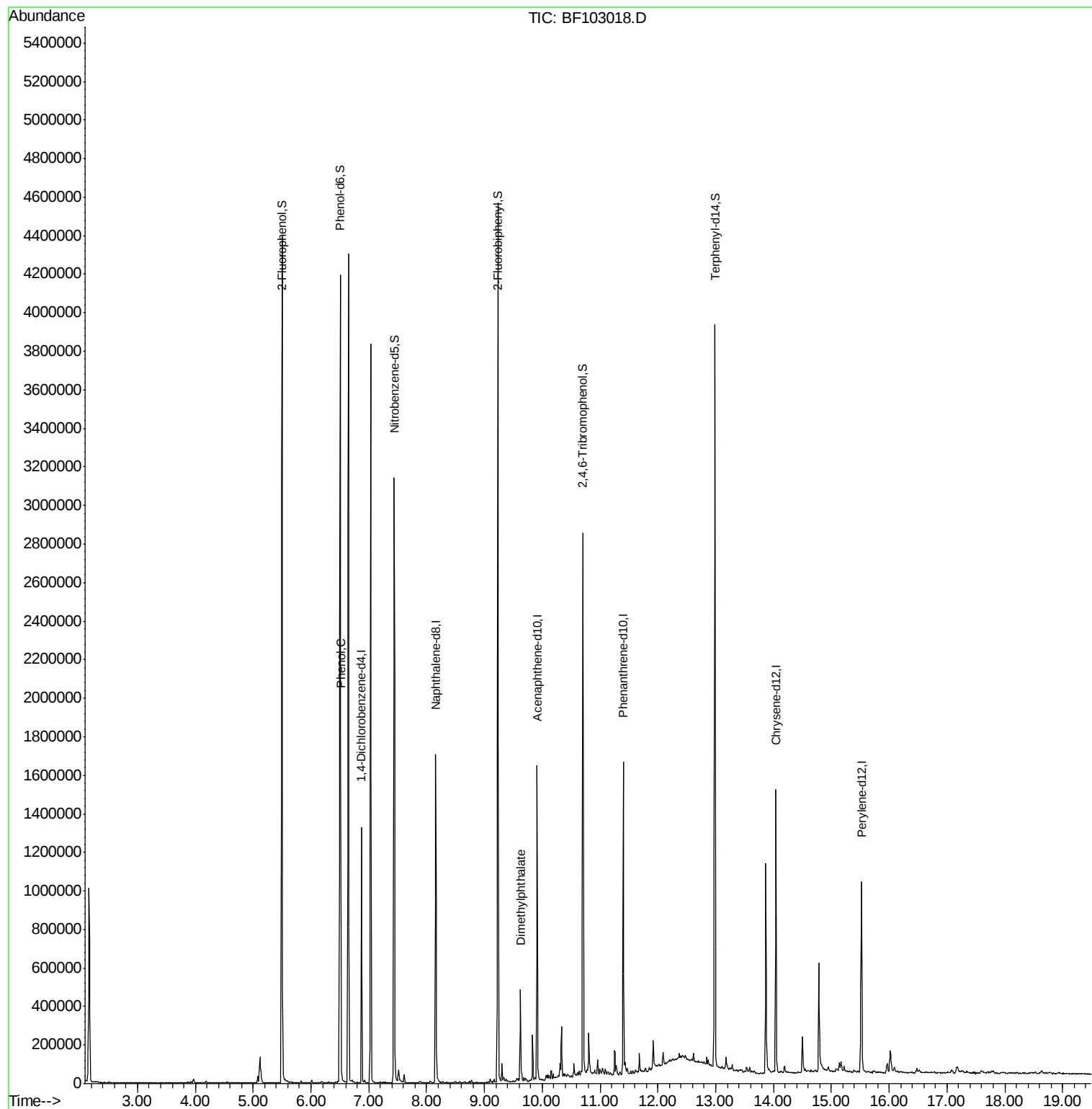
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	173874	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	725410	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	330277	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	591201	20.00	ng	0.00
75) Chrysene-d12	14.04	240	488550	20.00	ng	-0.01
86) Perylene-d12	15.52	264	418038	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1386286	121.08	ng	0.00
7) Phenol-d6	6.51	99	1670426	121.17	ng	0.00
23) Nitrobenzene-d5	7.44	82	1079211	103.20	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	365771	137.59	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1480247	74.37	ng	0.00
78) Terphenyl-d14	12.99	244	1496725	72.54	ng	0.00
Target Compounds						
10) Phenol	6.52	94	54931	3.718	ng	94
49) Dimethylphthalate	9.62	163	159700	6.201	ng	99

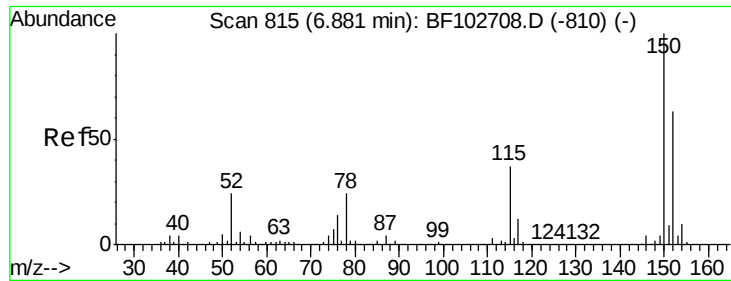
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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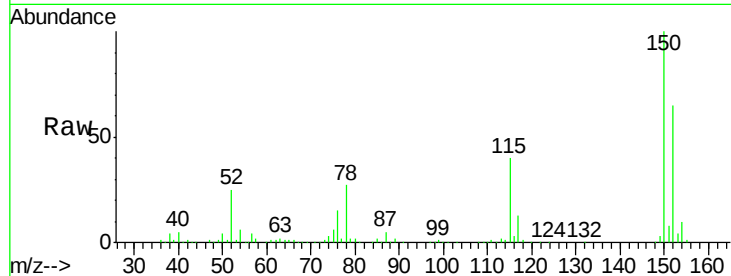


#1

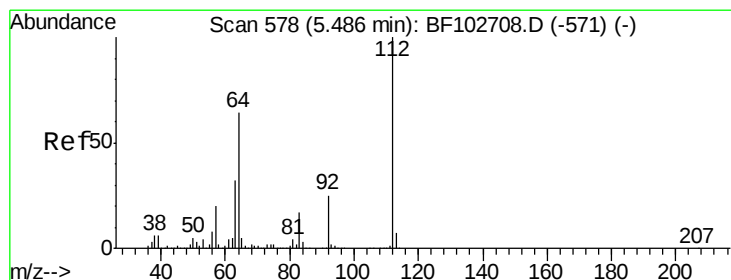
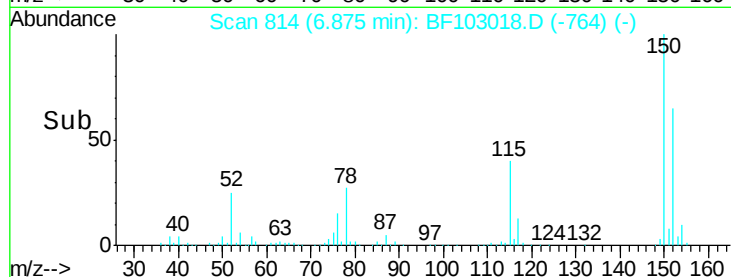
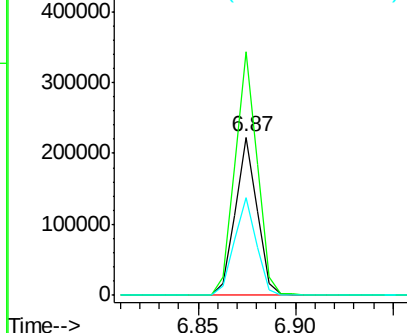
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103018.D
Acq: 15 Feb 2018 15:33

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-1-SW@5

Tgt Ion:152 Resp: 173874
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 61.6 50.1 75.1



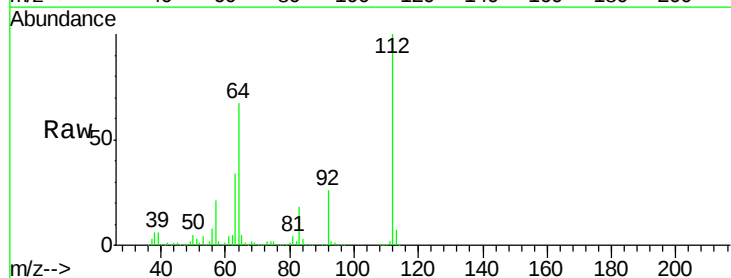
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



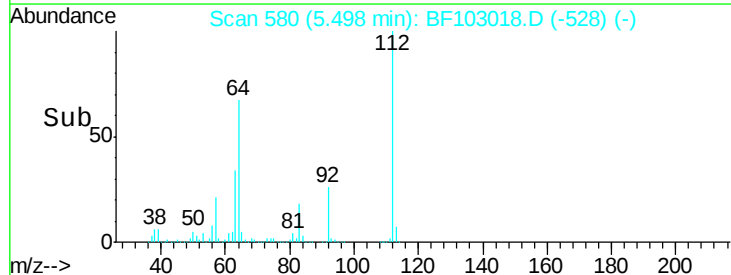
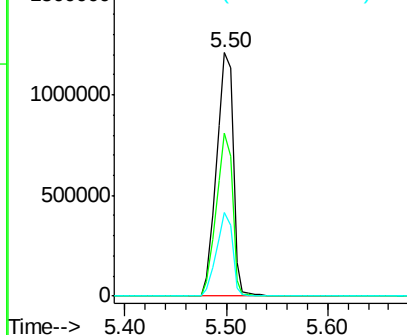
#5

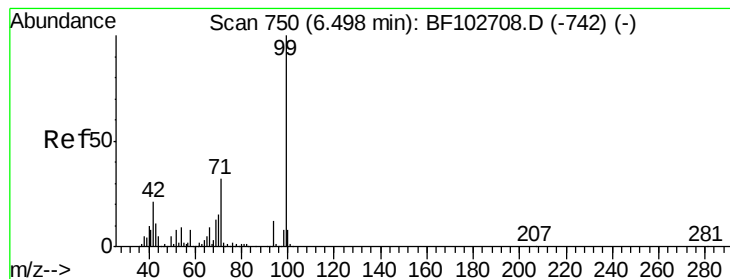
2-Fluorophenol
Concen: 121.082 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103018.D
Acq: 15 Feb 2018 15:33

Tgt Ion:112 Resp: 1386286
Ion Ratio Lower Upper
112 100
64 66.8 47.9 71.9
63 34.3 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: 121.173 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103018.D

Acq: 15 Feb 2018 15:33

Instrument :

BNA_F

ClientSampleId :

4-15-TRENCH-1-SW@5

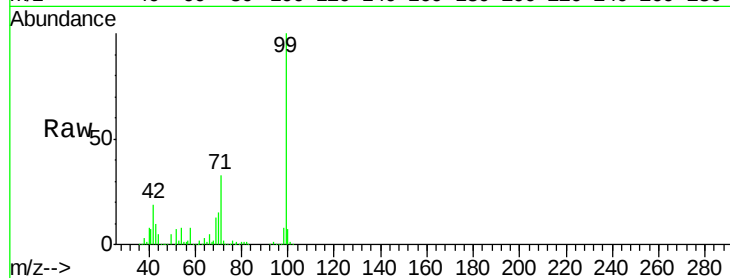
Tgt Ion: 99 Resp: 1670426

Ion Ratio Lower Upper

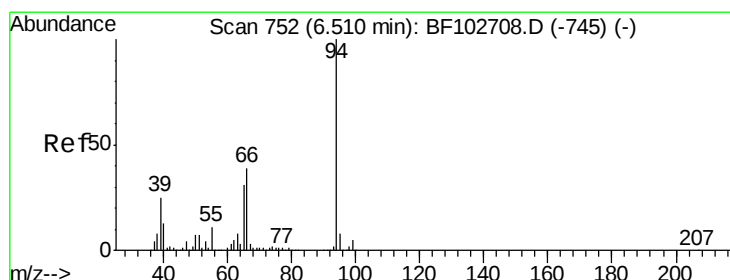
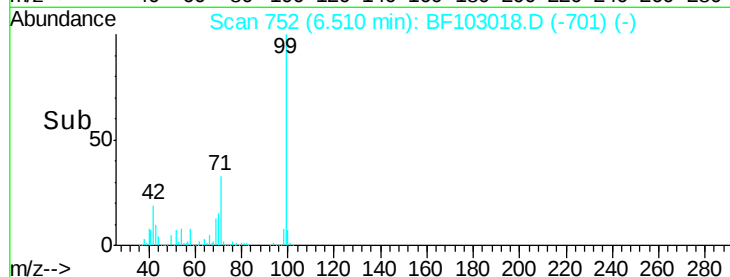
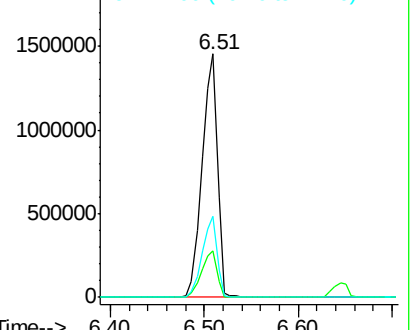
99 100

42 19.0 14.5 21.7

71 33.3 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



#10

Phenol

Concen: 3.718 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF103018.D

Acq: 15 Feb 2018 15:33

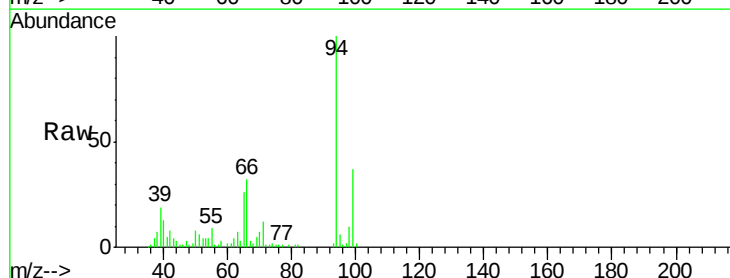
Tgt Ion: 94 Resp: 54931

Ion Ratio Lower Upper

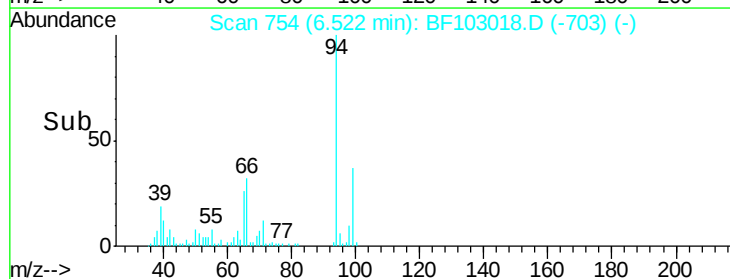
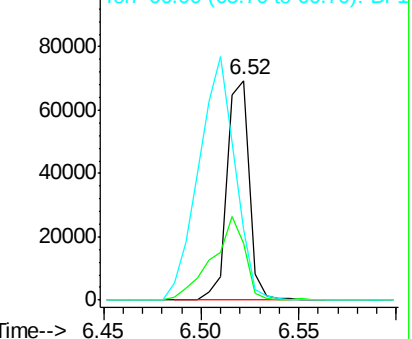
94 100

65 26.0 7.9 47.9

66 32.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103018.D

Acq: 15 Feb 2018 15:33

Instrument :

BNA_F

ClientSampleId :

4-15-TRENCH-1-SW@5

Tgt Ion: 136 Resp: 725410

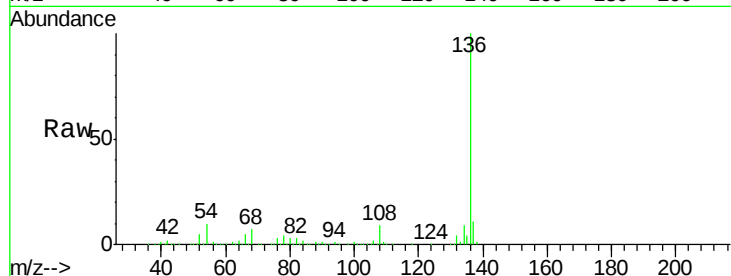
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.0 6.6 9.8#

68 6.9 5.0 7.4

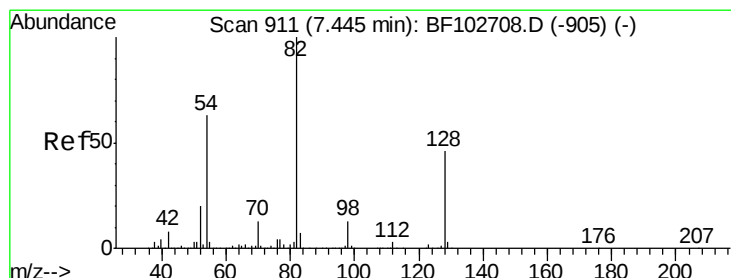
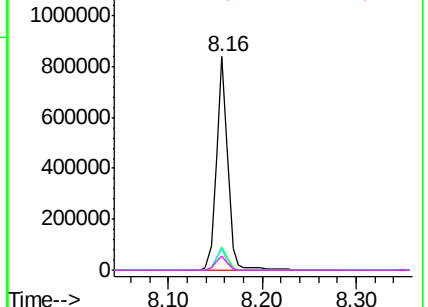
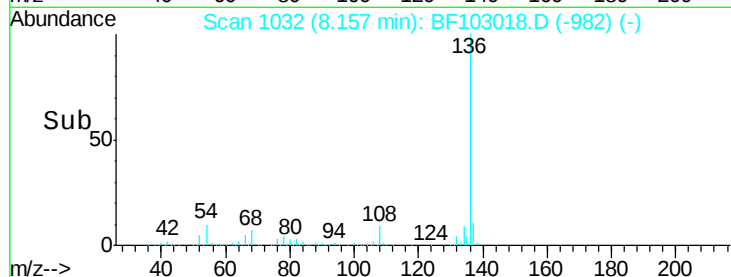


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.204 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103018.D

Acq: 15 Feb 2018 15:33

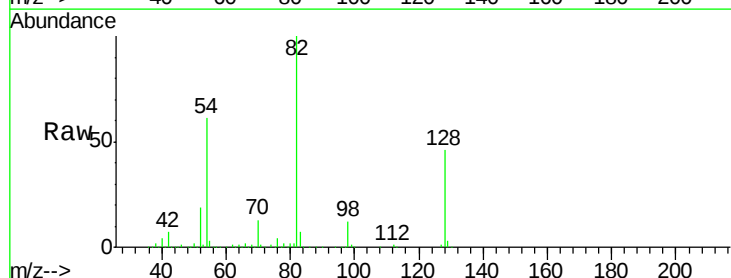
Tgt Ion: 82 Resp: 1079211

Ion Ratio Lower Upper

82 100

128 46.3 36.1 54.1

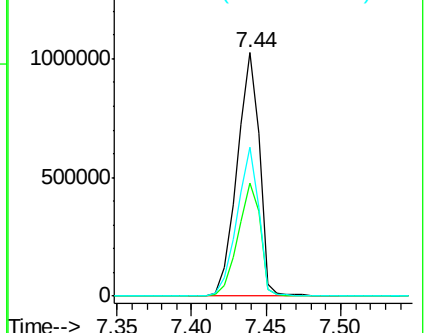
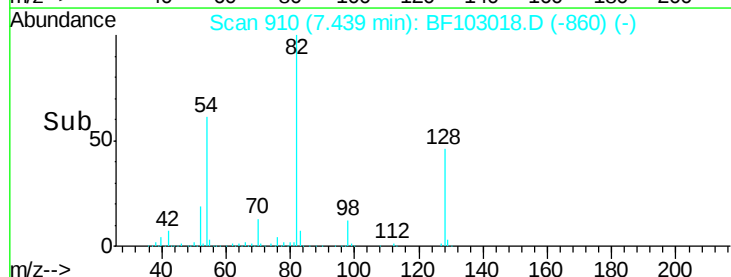
54 61.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

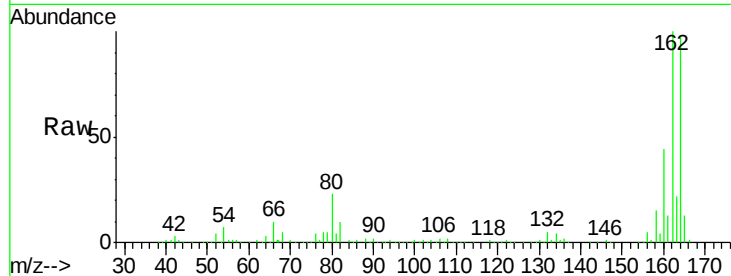




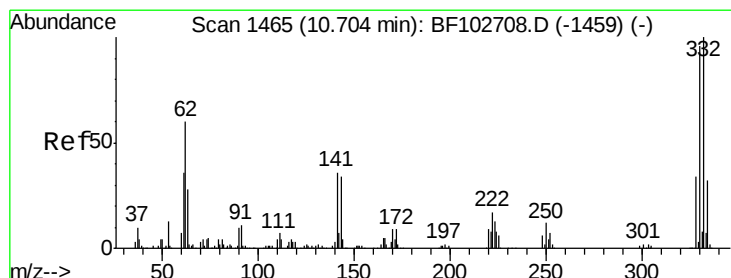
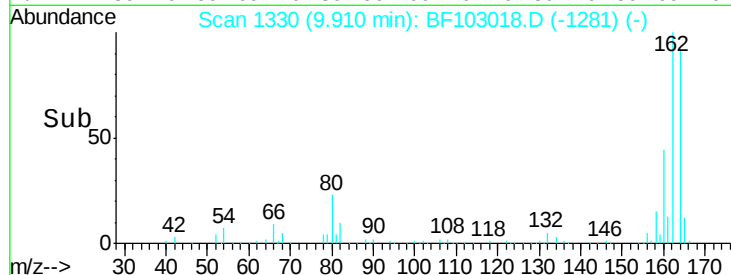
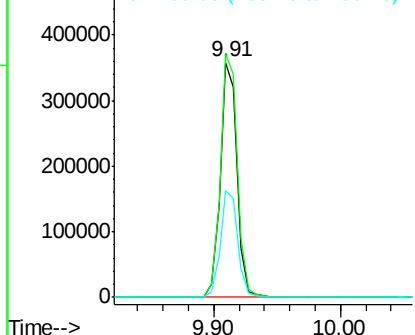
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103018.D
 Acq: 15 Feb 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 4-15-TRENCH-1-SW@5

Tgt Ion:164 Resp: 330277
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 45.3 38.3 57.5

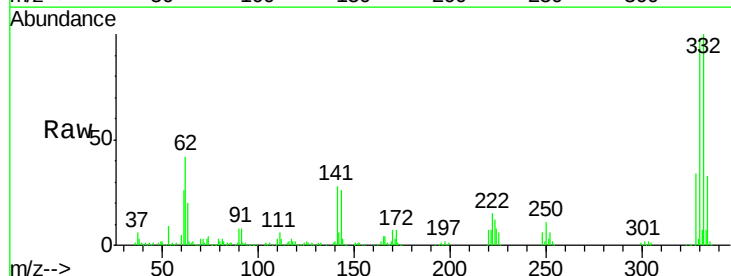


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

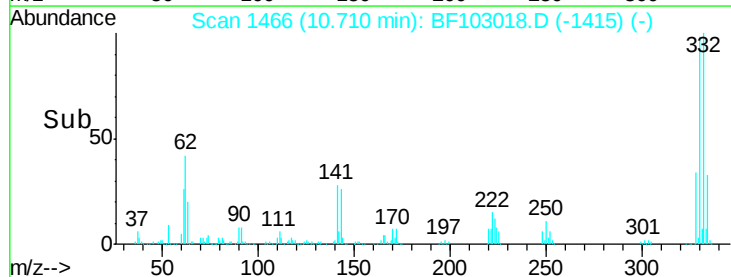
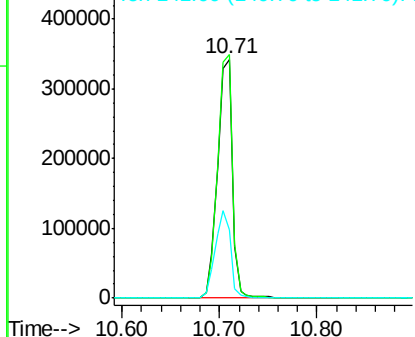


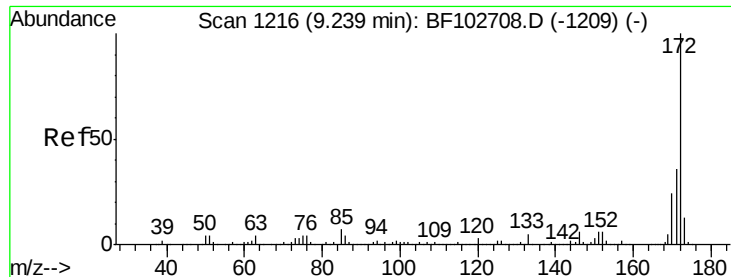
#41
 2,4,6-Tribromophenol
 Concen: 137.594 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF103018.D
 Acq: 15 Feb 2018 15:33

Tgt Ion:330 Resp: 365771
 Ion Ratio Lower Upper
 330 100
 332 101.7 77.0 115.6
 141 37.5 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

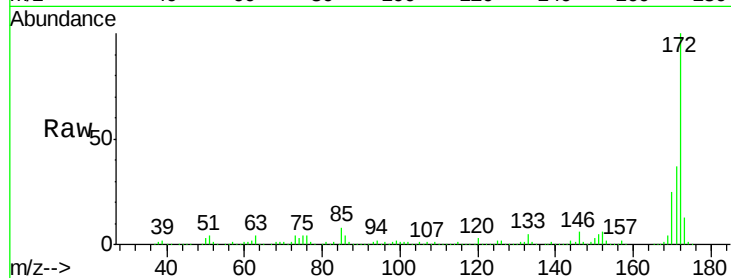




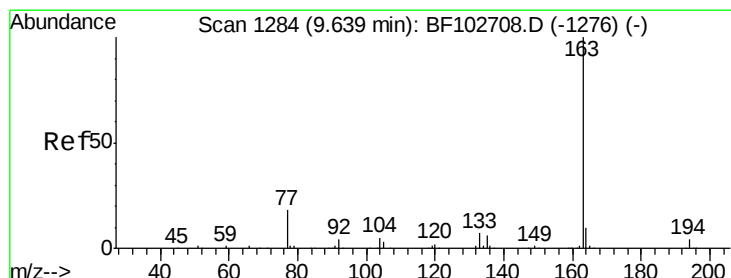
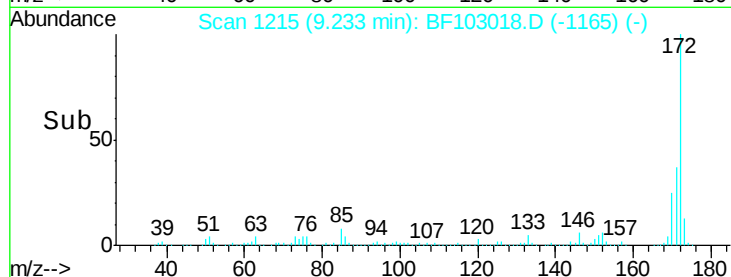
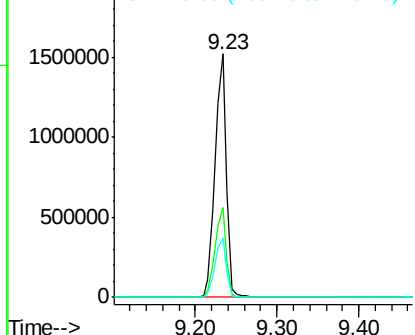
#44
 2-Fluorobiphenyl
 Concen: 74.370 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103018.D
 Acq: 15 Feb 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 4-15-TRENCH-1-SW@5

Tgt Ion:172 Resp: 1480247
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.6 19.6 29.4

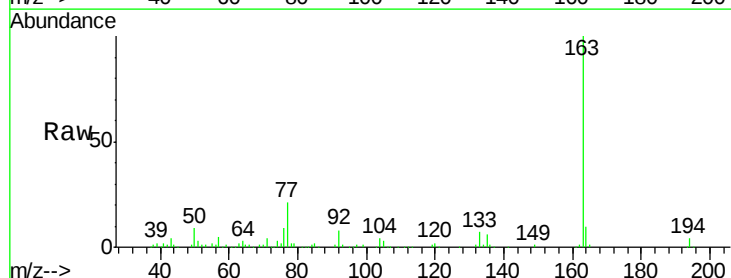


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

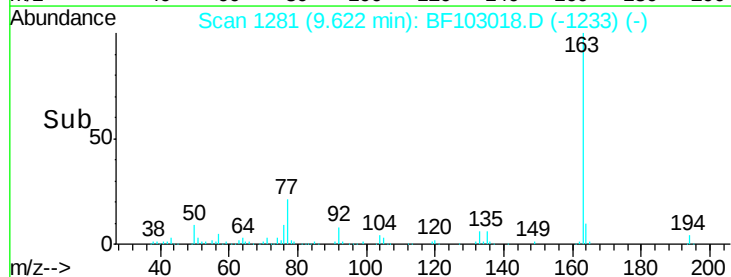
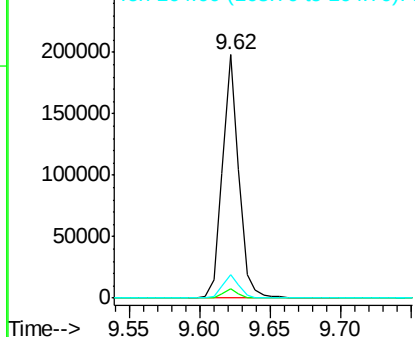


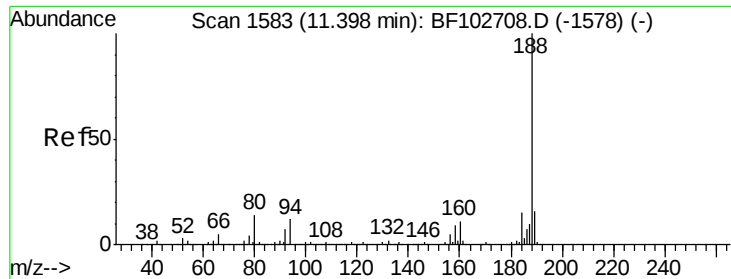
#49
 Dimethylphthalate
 Concen: 6.201 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BF103018.D
 Acq: 15 Feb 2018 15:33

Tgt Ion:163 Resp: 159700
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.7 4.1
 164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

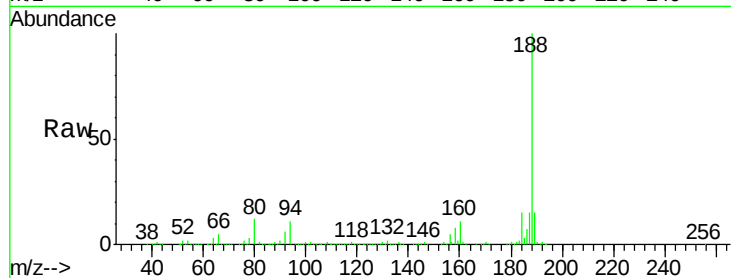




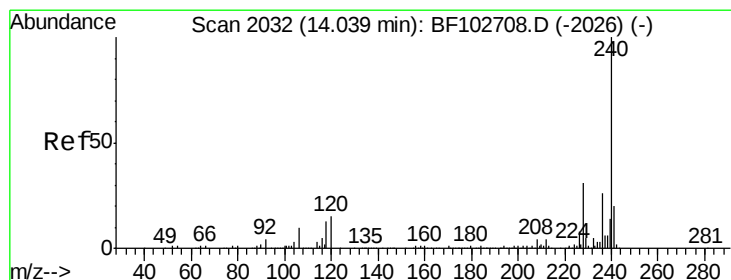
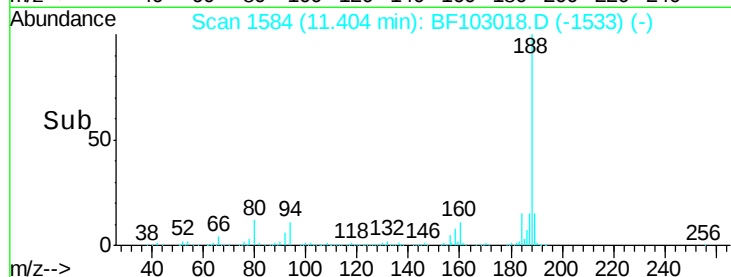
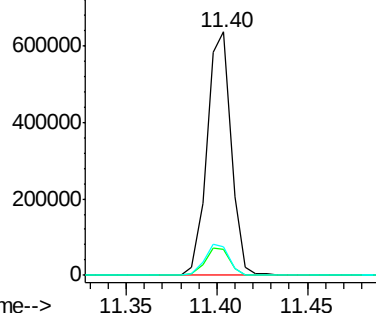
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103018.D
Acq: 15 Feb 2018 15:33

Instrument :
BNA_F
ClientSampleId :
4-15-TRENCH-1-SW@5

Tgt Ion:188 Resp: 591201
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.5 9.2 13.8

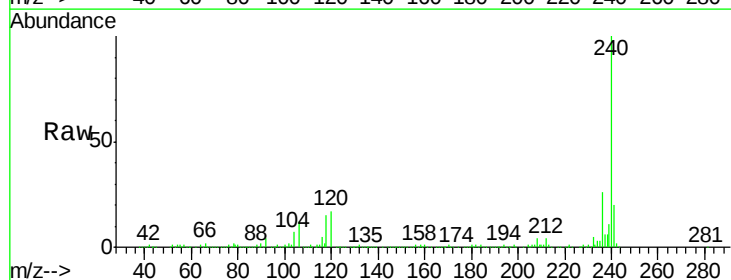


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

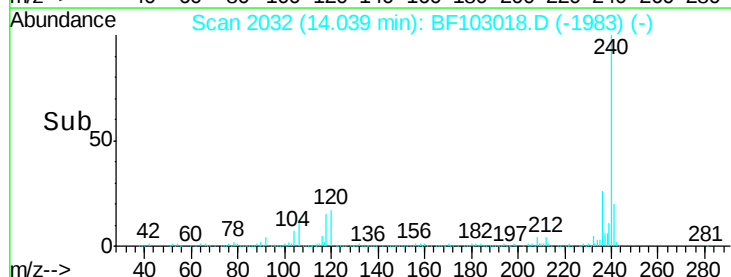
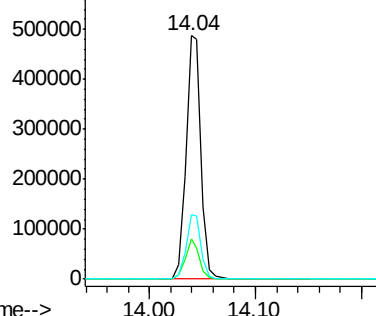


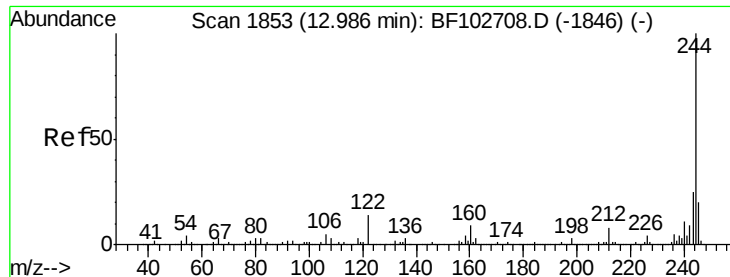
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF103018.D
Acq: 15 Feb 2018 15:33

Tgt Ion:240 Resp: 488550
Ion Ratio Lower Upper
240 100
120 16.6 9.5 14.3#
236 26.4 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: 72.539 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103018.D

Acq: 15 Feb 2018 15:33

Instrument :

BNA_F

ClientSampleId :

4-15-TRENCH-1-SW@5

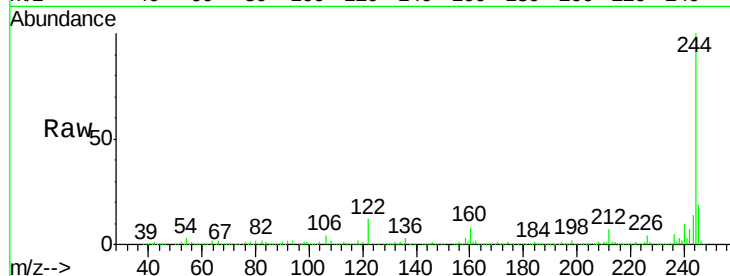
Tgt Ion:244 Resp: 1496725

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

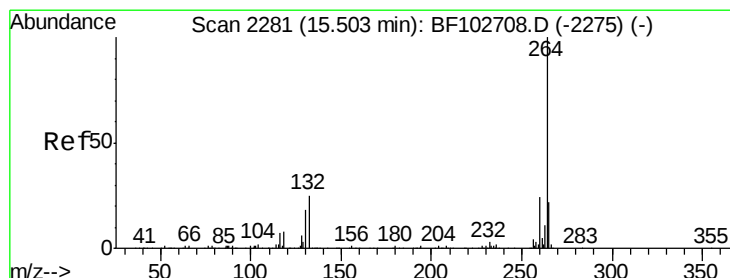
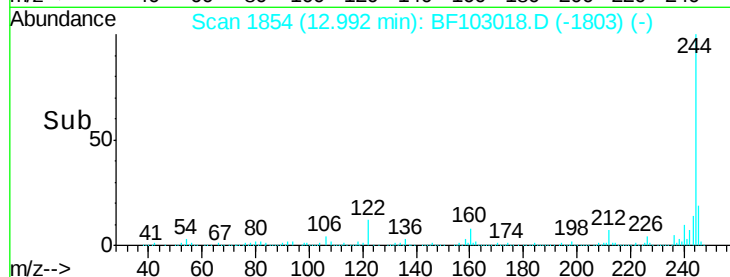
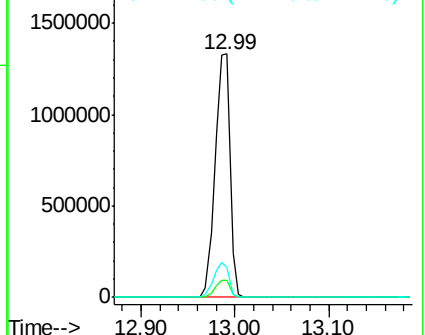
122 12.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF103018.D

Acq: 15 Feb 2018 15:33

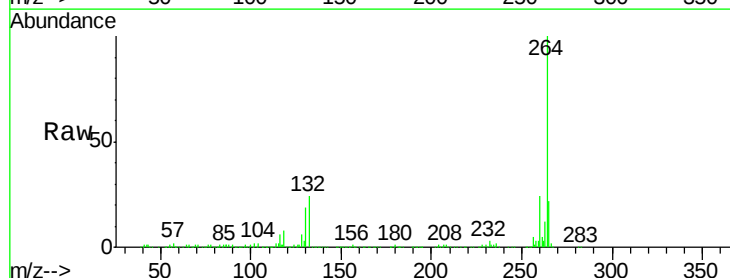
Tgt Ion:264 Resp: 418038

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.7 17.5 26.3



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

