

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104649.D
 Acq On : 20 Apr 2018 00:42
 Operator : JU/SJ
 Sample : J2455-41
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BEDROCK

Quant Time: Apr 20 02:25:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

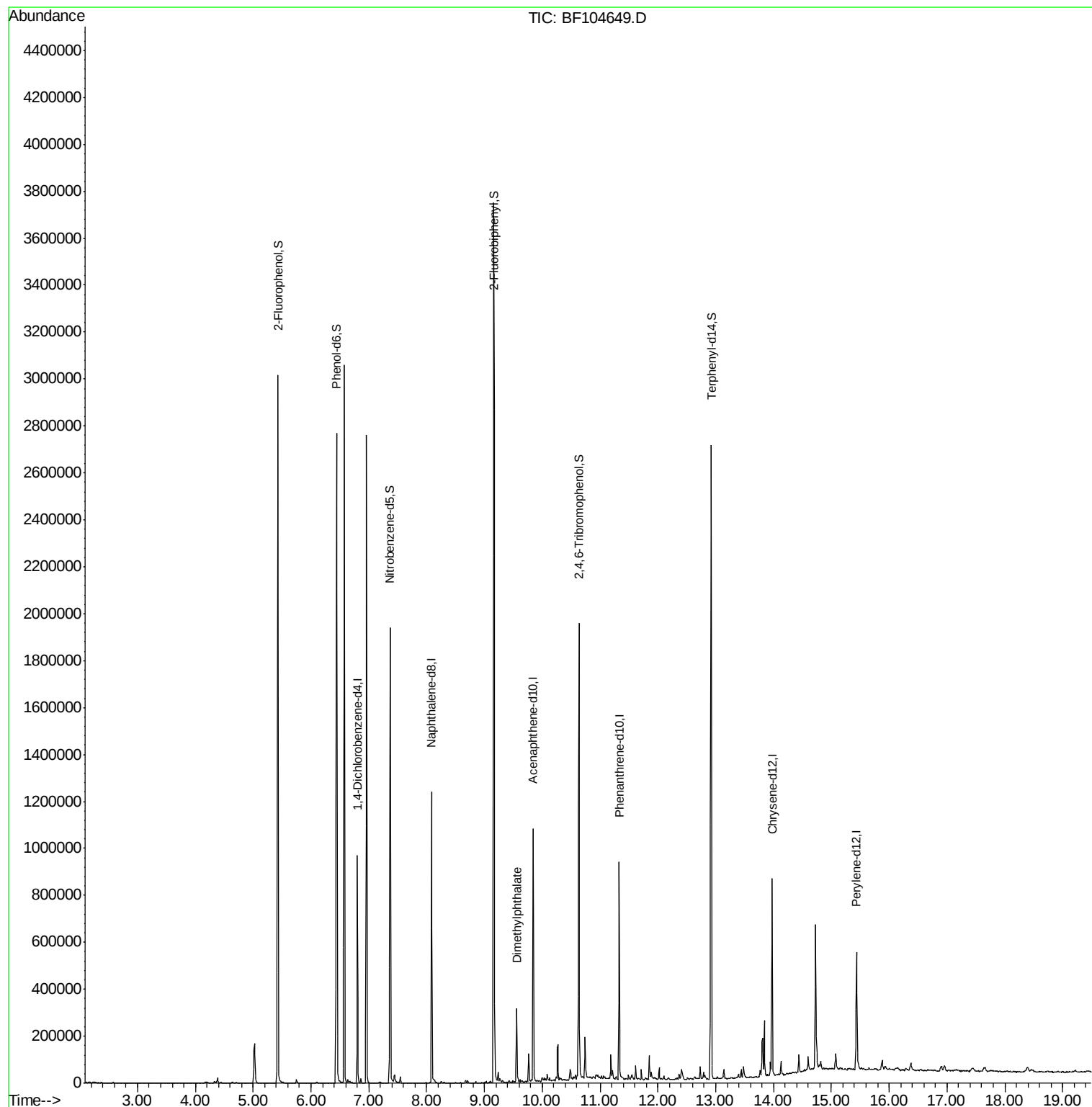
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	131578	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	531233	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	220816	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	337074	20.00	ng	0.00
75) Chrysene-d12	13.97	240	269531	20.00	ng	-0.01
86) Perylene-d12	15.44	264	220471	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	923962	107.37	ng	0.01
7) Phenol-d6	6.45	99	1163043	110.00	ng	0.00
23) Nitrobenzene-d5	7.37	82	729221	89.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	247014	107.84	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1240352	88.74	ng	0.00
78) Terphenyl-d14	12.92	244	914429	77.35	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	123096	7.069	ng	99

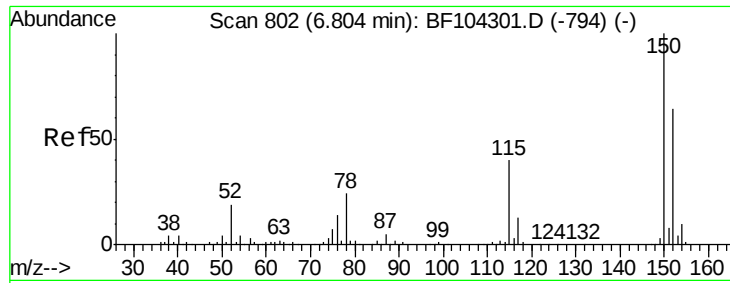
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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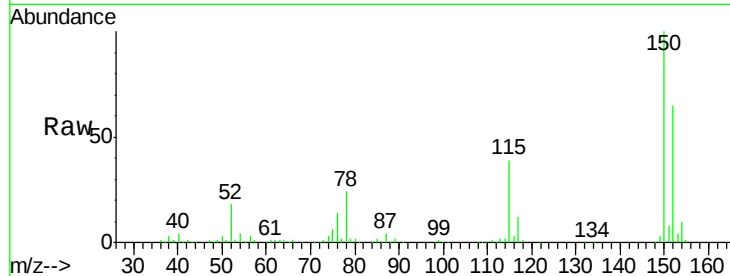


#1

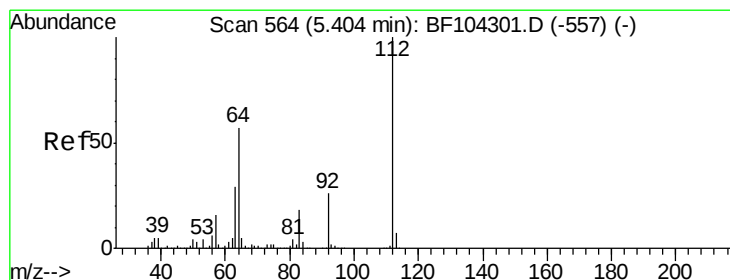
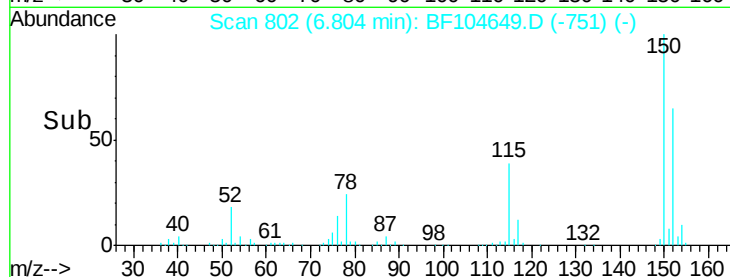
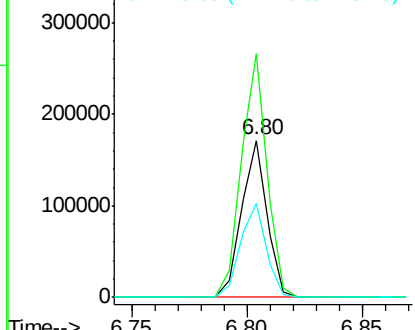
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :
TP-1-BEDROCK

Tot Ion:152 Resp: 131578
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 59.9 50.1 75.1



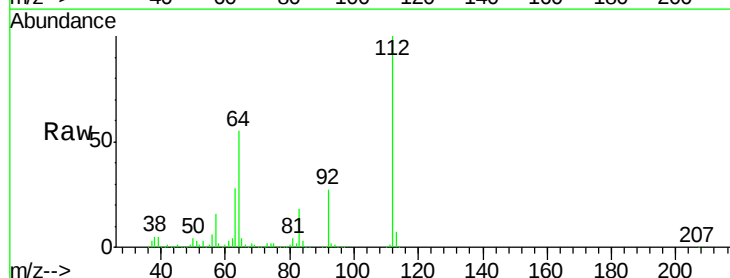
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



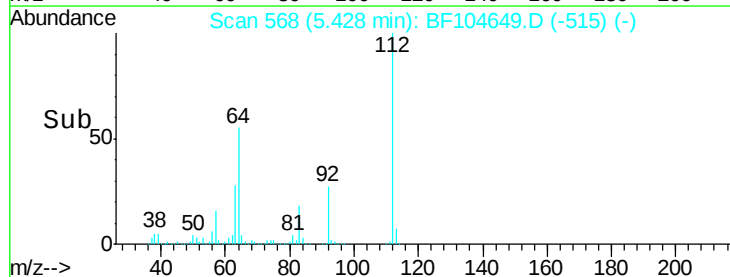
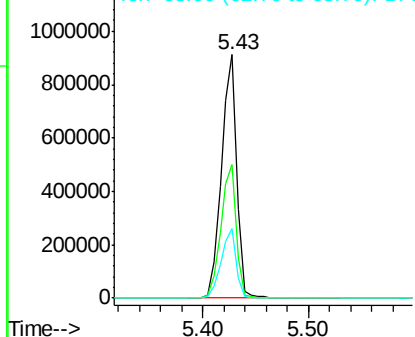
#5

2-Fluorophenol
Concen: 107.373 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Tgt Ion:112 Resp: 923962
Ion Ratio Lower Upper
112 100
64 55.1 47.9 71.9
63 28.4 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: 110.002 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104649.D

Acq: 20 Apr 2018 00:42

Instrument :

BNA_F

ClientSampleId :

TP-1-BEDROCK

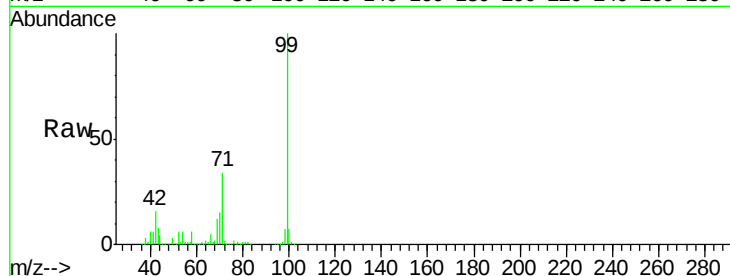
Tot Ion: 99 Resp: 1163043

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

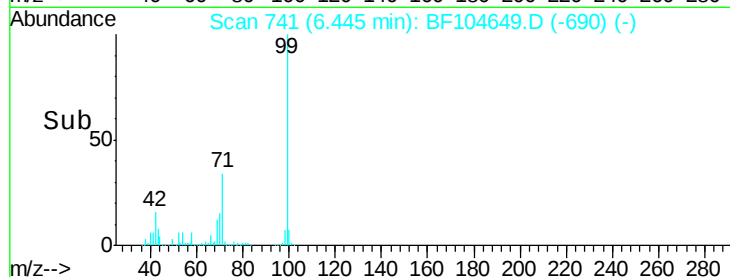
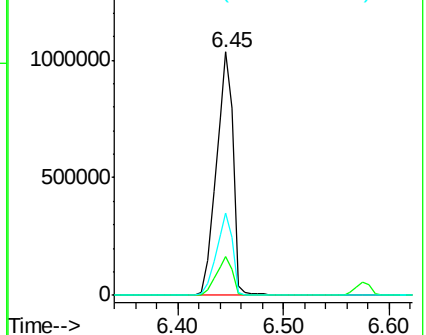
71 34.0 25.4 38.0



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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104649.D

Acq: 20 Apr 2018 00:42

Tgt Ion: 136 Resp: 531233

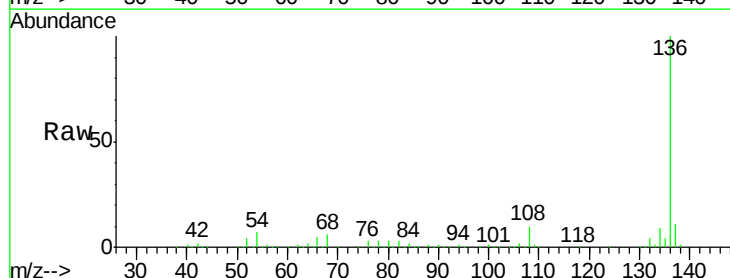
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.8 6.6 9.8

68 6.1 5.0 7.4

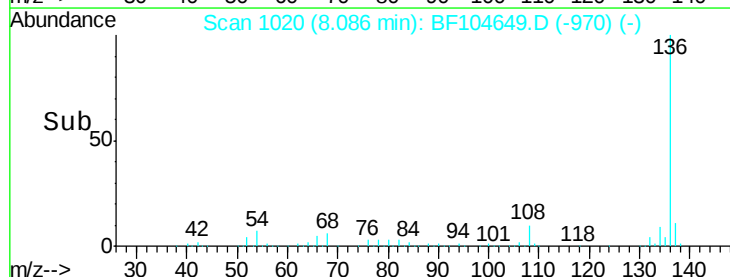
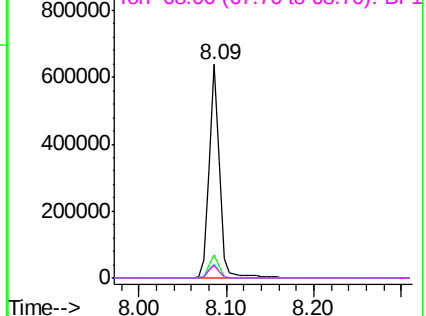


Abundance Ion 136.00 (135.70 to 136.70): E

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

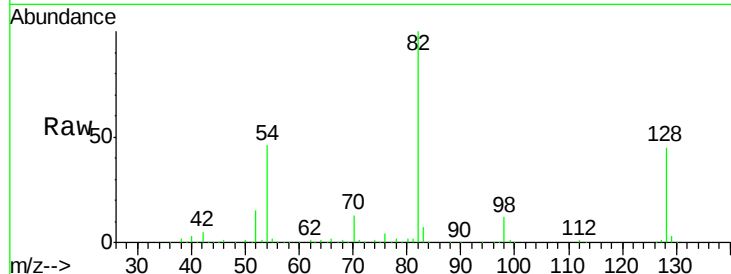




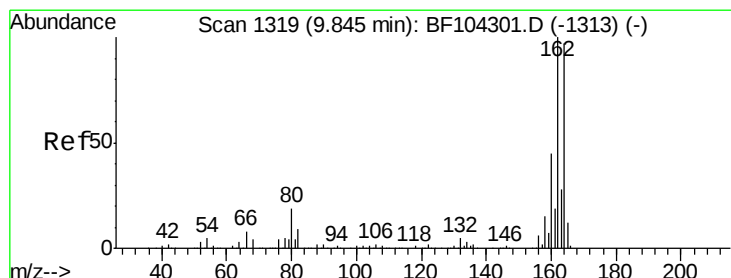
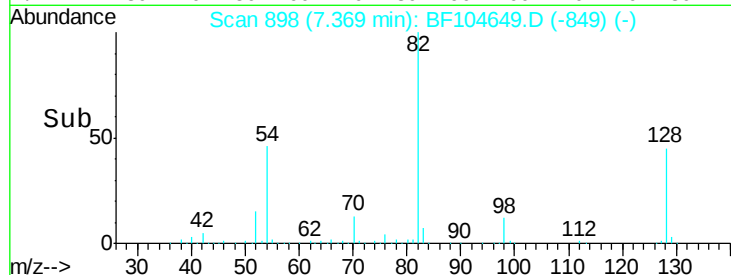
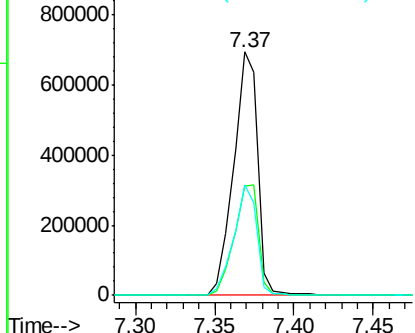
#23
 Nitrobenzene-d5
 Concen: 89.634 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104649.D
 Acq: 20 Apr 2018 00:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BEDROCK

Tot Ion	82	Resp	729221
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
128	44.8		
54	45.5		
	41.4		
	62.2		

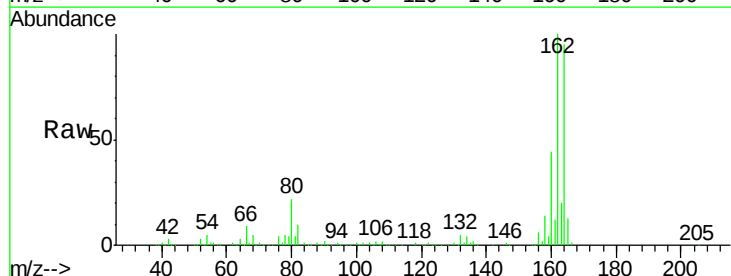


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

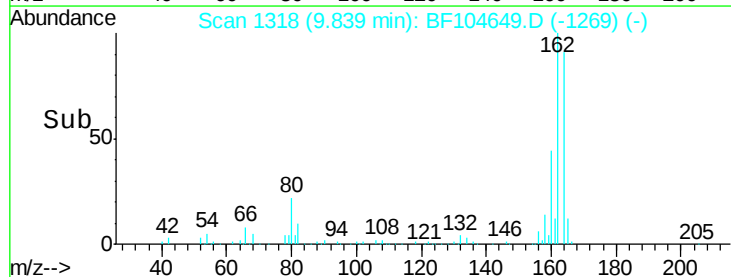
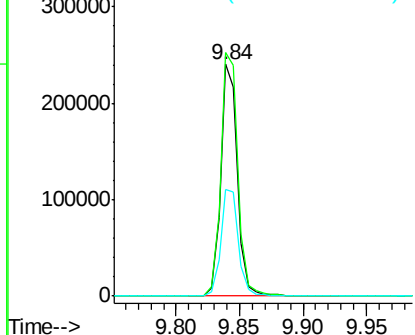


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104649.D
 Acq: 20 Apr 2018 00:42

Tgt Ion	164	Resp	220816
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	105.0		
160	45.9		
	38.3		
	57.5		



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

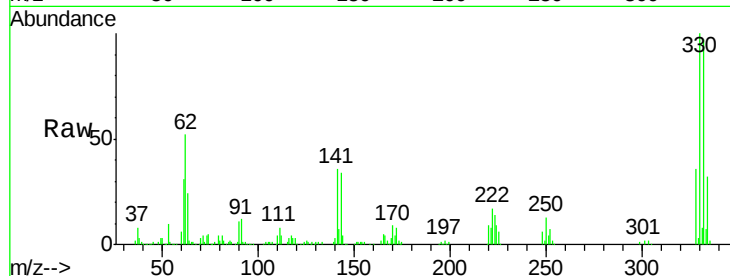




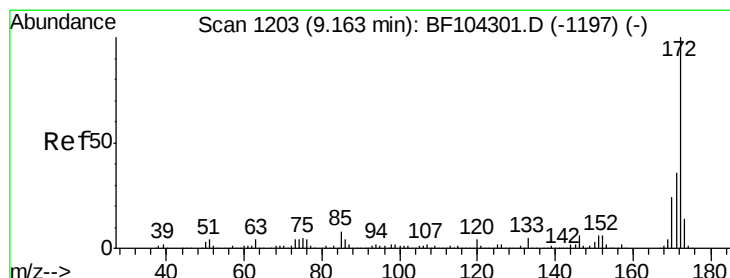
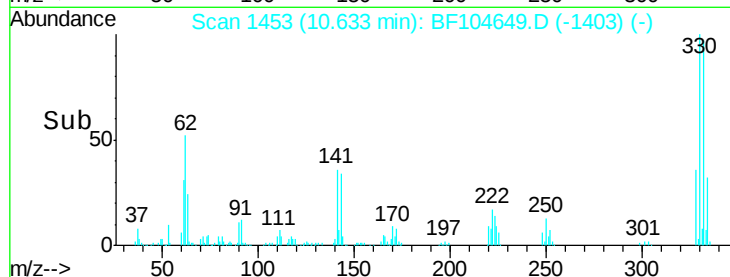
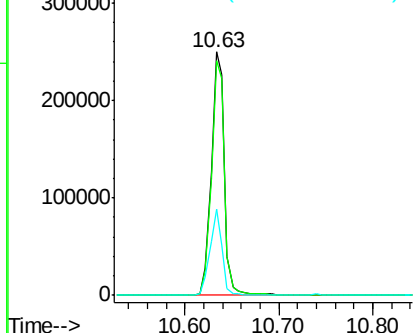
#41
 2,4,6-Tribromophenol
 Concen: 107.839 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104649.D
 Acq: 20 Apr 2018 00:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-BEDROCK

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	33.3	29.9	44.9

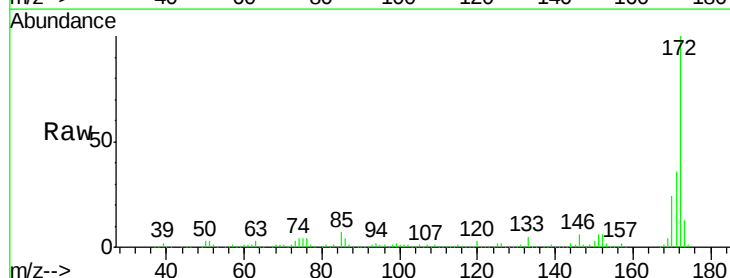


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

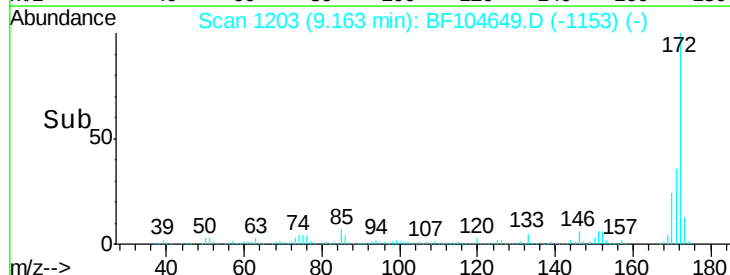
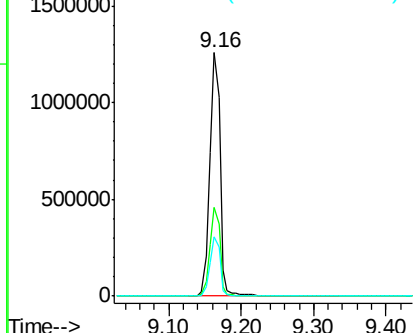


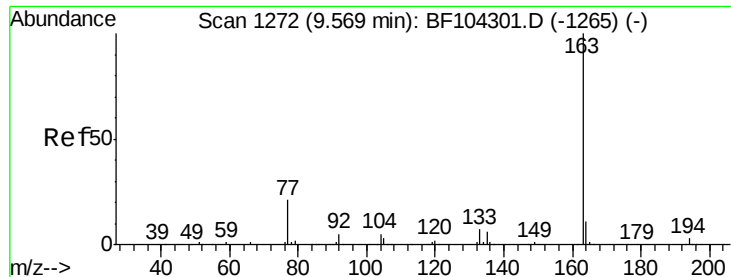
#44
 2-Fluorobiphenyl
 Concen: 88.737 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104649.D
 Acq: 20 Apr 2018 00:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	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

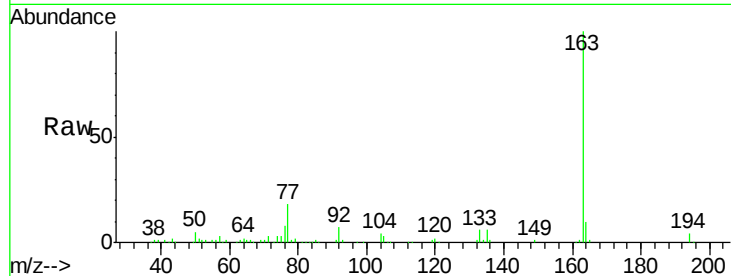




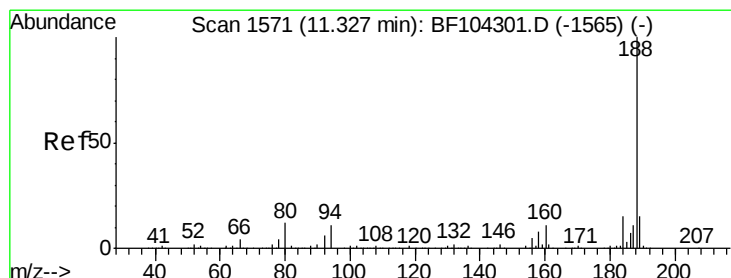
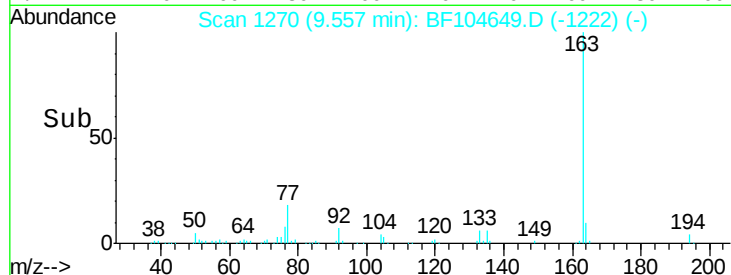
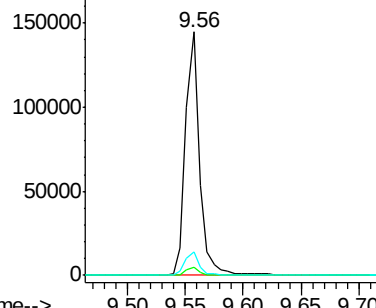
#49
Dimethylphthalate
Concen: 7.069 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :
TP-1-BEDROCK

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.8	8.2	12.2

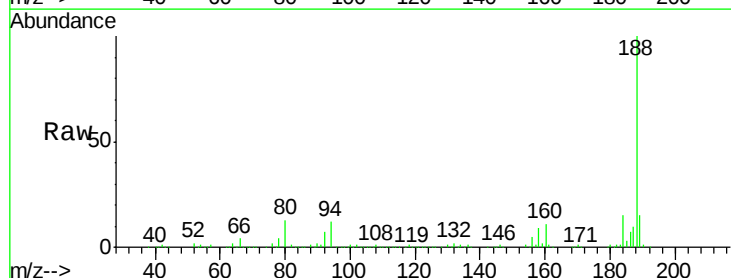


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

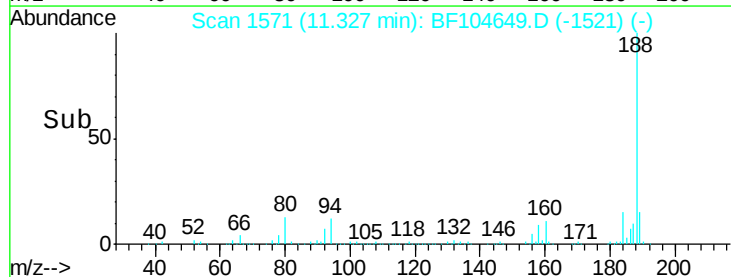
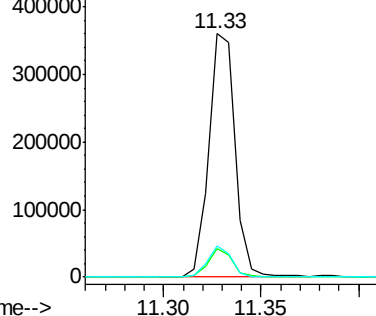


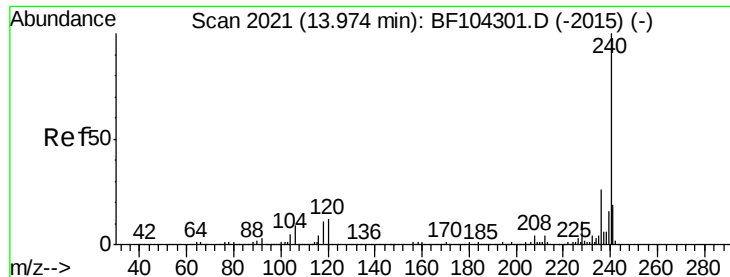
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.9	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: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF104649.D

Acq: 20 Apr 2018 00:42

Instrument :

BNA_F

ClientSampleId :

TP-1-BEDROCK

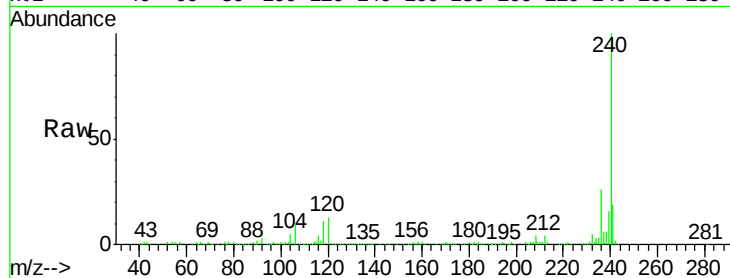
Tot Ion:240 Resp: 269531

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

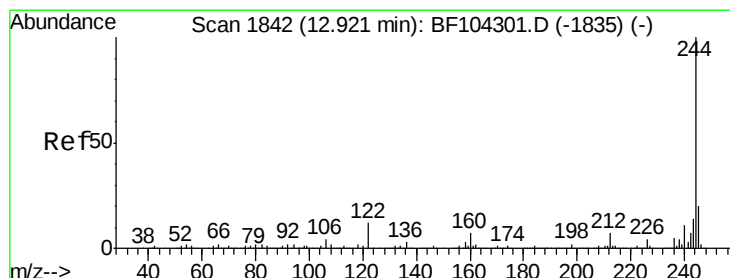
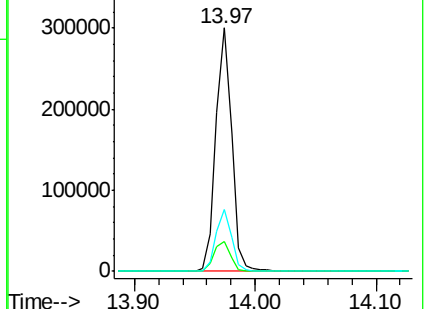
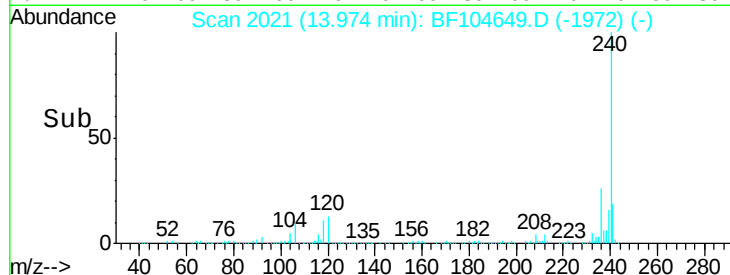
236 25.6 20.7 31.1



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: 77.347 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104649.D

Acq: 20 Apr 2018 00:42

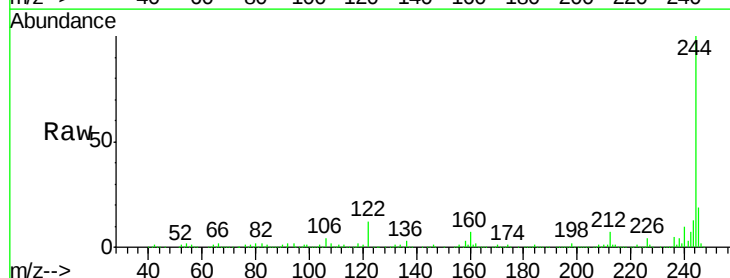
Tgt Ion:244 Resp: 914429

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

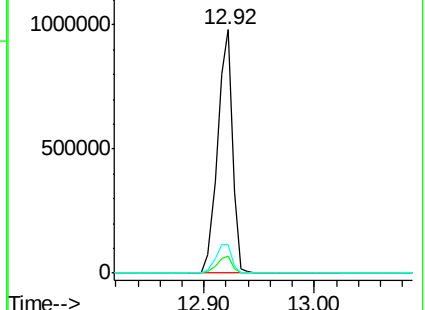
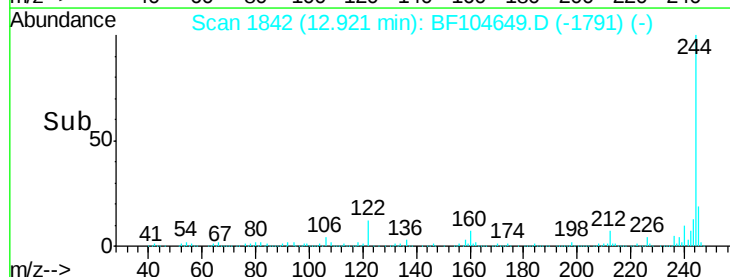
122 11.9 11.0 16.4

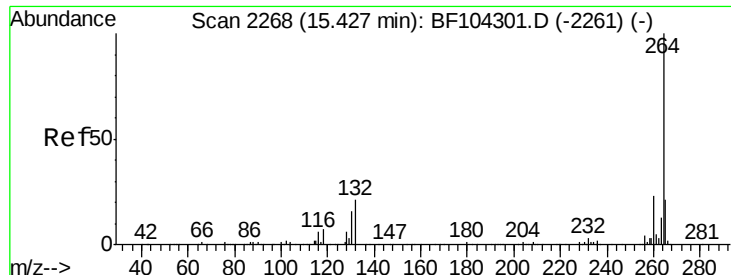


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF104649.D
Acq: 20 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :
TP-1-BEDROCK

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.6	17.5	26.3

