

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102465.D
 Acq On : 26 Jan 2018 13:45
 Operator : SJ/JU
 Sample : J1300-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

Quant Time: Jan 26 16:32:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

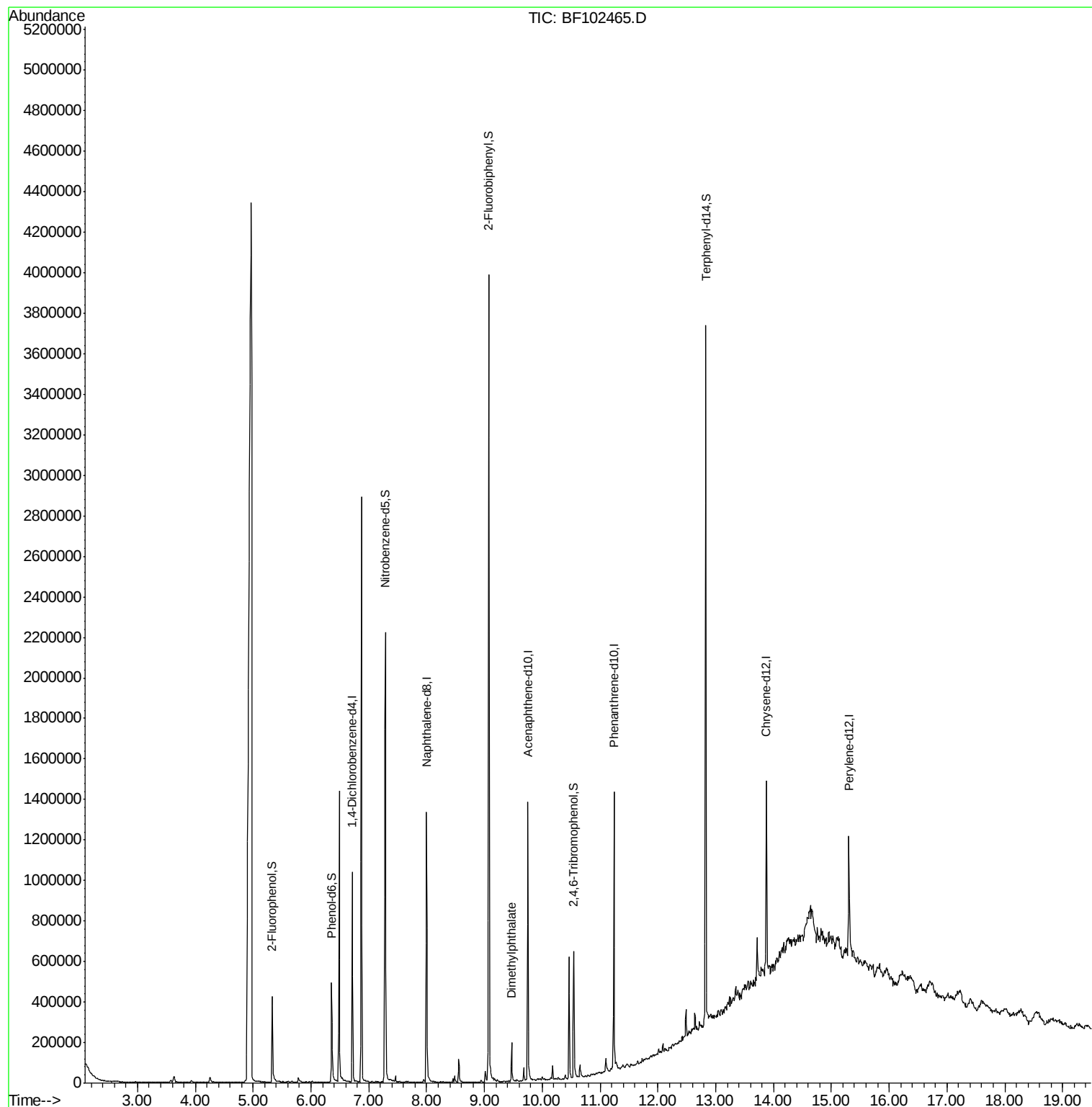
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144769	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	602723	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	281272	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	490941	20.00	ng	0.00
75) Chrysene-d12	13.87	240	356505	20.00	ng	0.00
86) Perylene-d12	15.30	264	292112	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	147989	15.50	ng	0.00
7) Phenol-d6	6.36	99	192376	16.71	ng	0.00
23) Nitrobenzene-d5	7.29	82	735838	70.16	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	80994	29.06	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1389447	72.63	ng	0.00
78) Terphenyl-d14	12.83	244	1263083	79.87	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	81557	3.508	ng	Qvalue 99

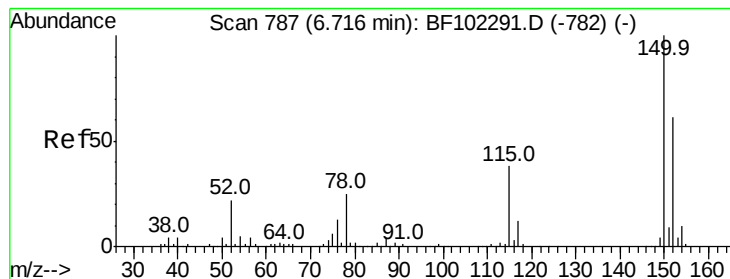
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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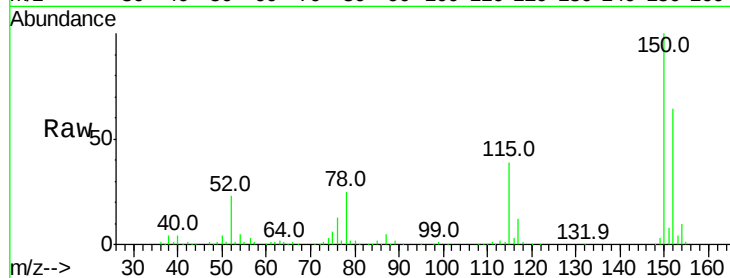


#1

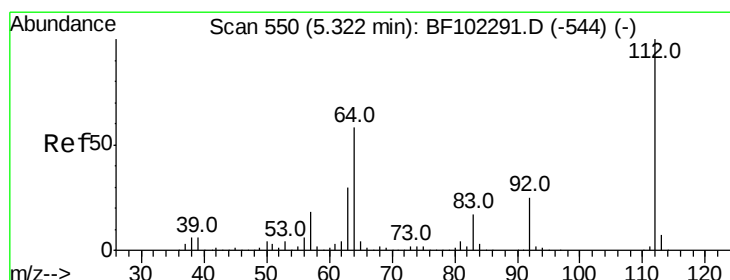
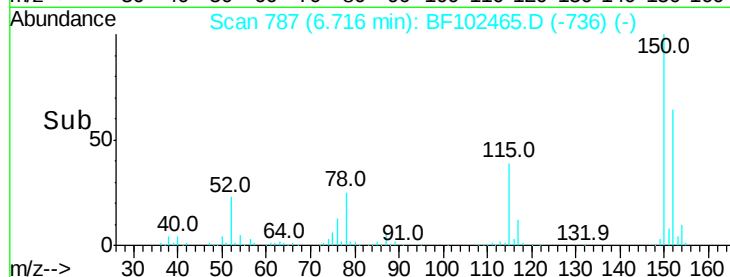
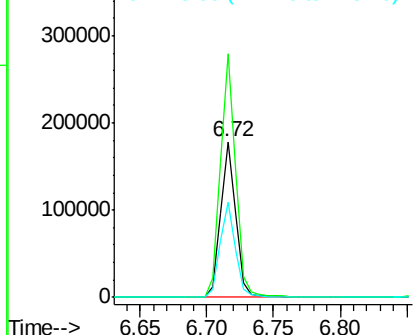
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102465.D
Acq: 26 Jan 2018 13:45

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tot Ion:152 Resp: 144769
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 61.1 50.1 75.1



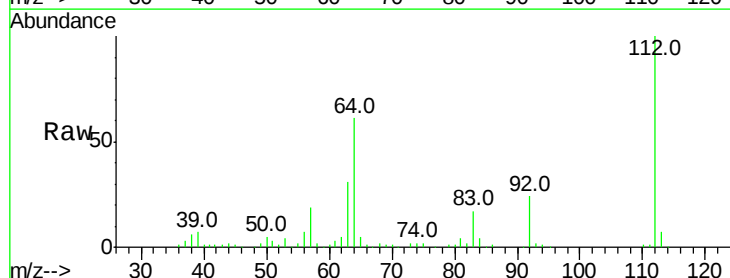
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



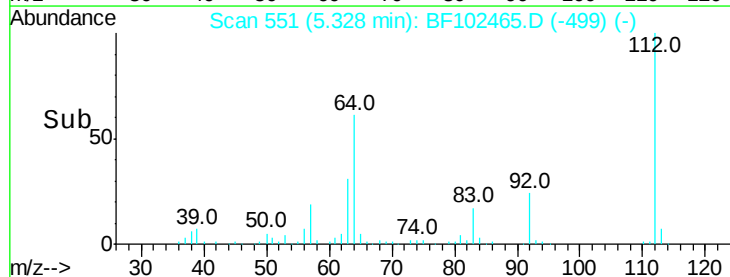
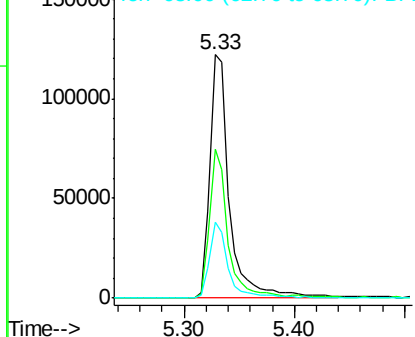
#5

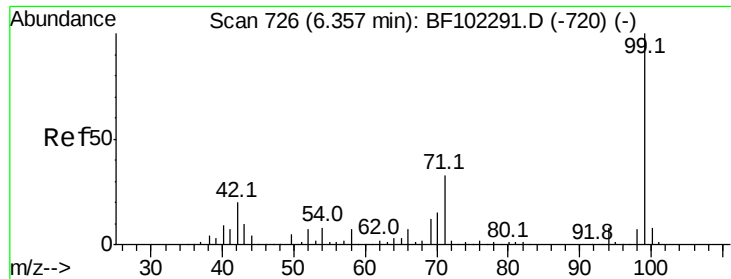
2-Fluorophenol
Concen: 15.500 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102465.D
Acq: 26 Jan 2018 13:45

Tgt Ion:112 Resp: 147989
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 31.3 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: 16.713 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102465.D

Acq: 26 Jan 2018 13:45

Instrument :

BNA_F

ClientSampleId :

MANHOLE

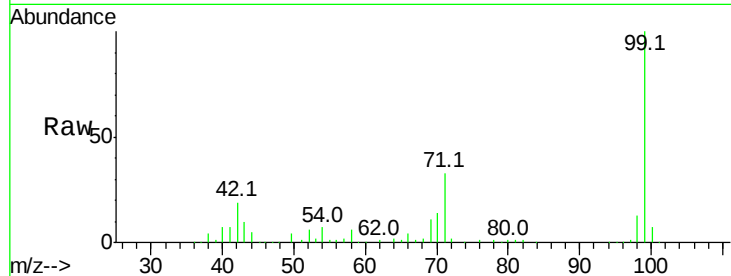
Tot Ion: 99 Resp: 192376

Ion Ratio Lower Upper

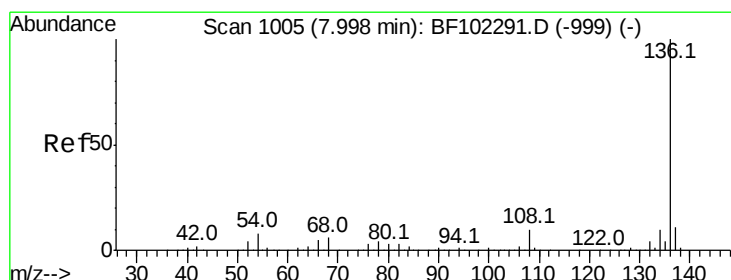
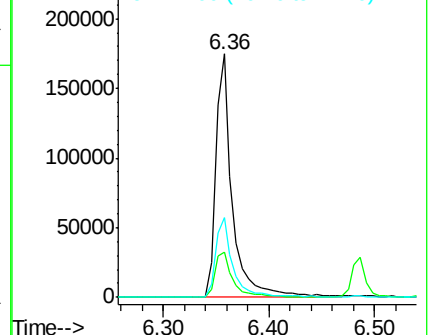
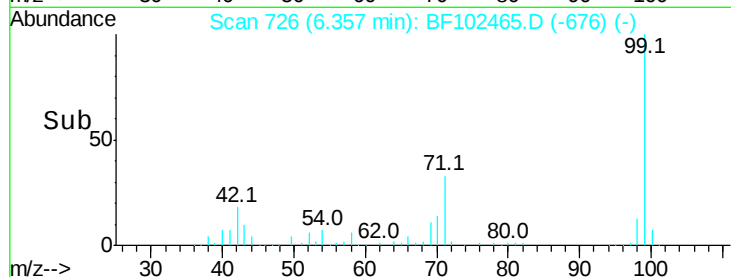
99 100

42 18.6 14.5 21.7

71 32.8 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: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102465.D

Acq: 26 Jan 2018 13:45

Tgt Ion: 136 Resp: 602723

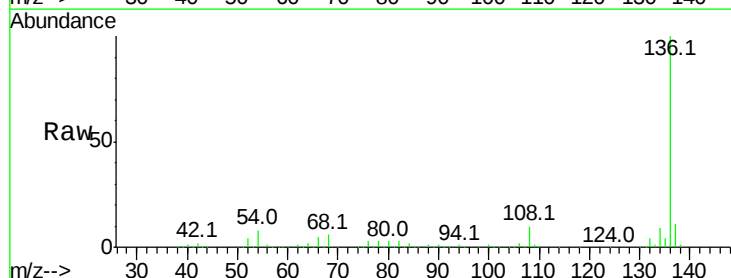
Ion Ratio Lower Upper

136 100

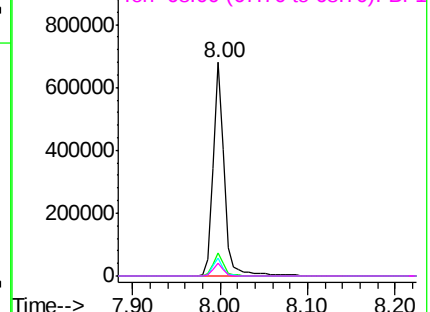
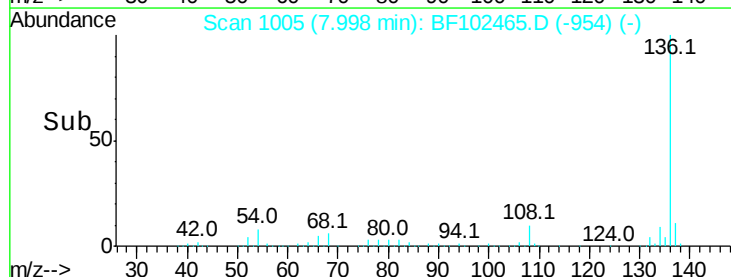
137 10.8 8.9 13.3

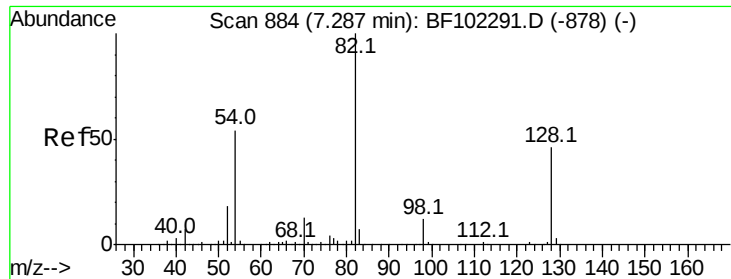
54 8.4 6.6 9.8

68 5.8 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

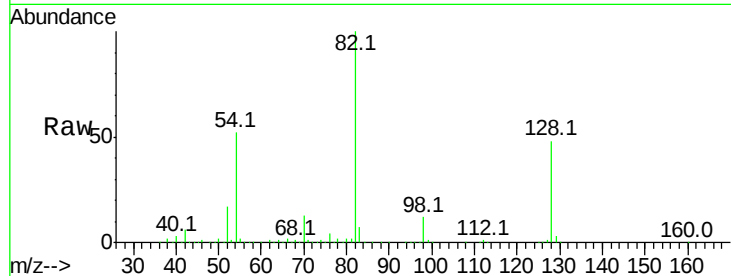




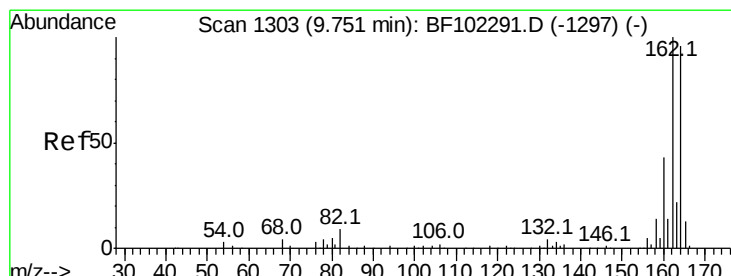
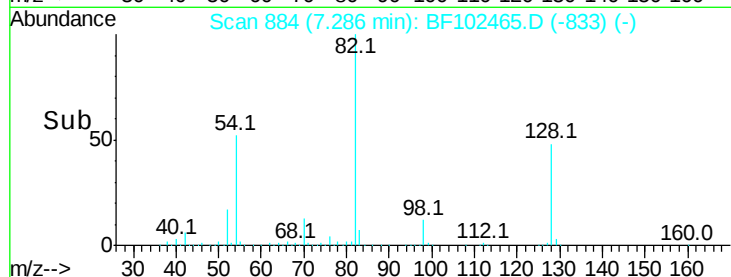
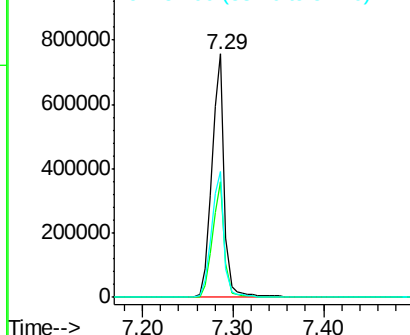
#23
Nitrobenzene-d5
Concen: 70.159 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102465.D
Acq: 26 Jan 2018 13:45

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tot Ion: 82 Resp: 735838
Ion Ratio Lower Upper
82 100
128 47.5 36.1 54.1
54 51.8 41.4 62.2

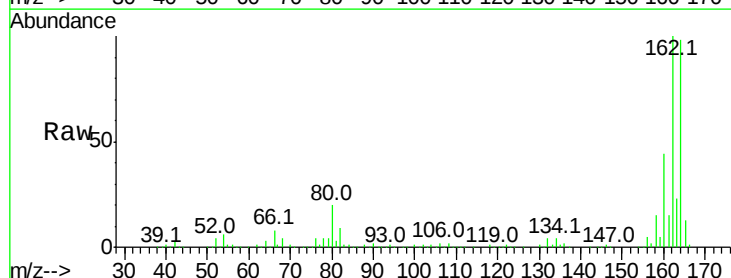


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

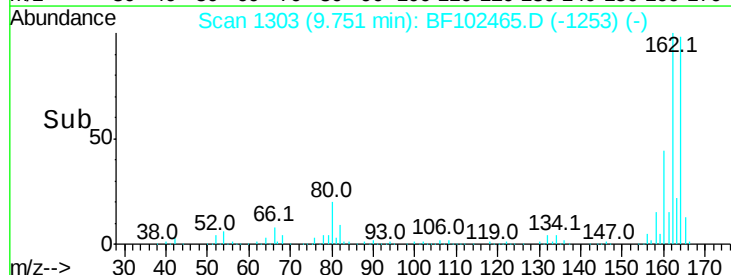
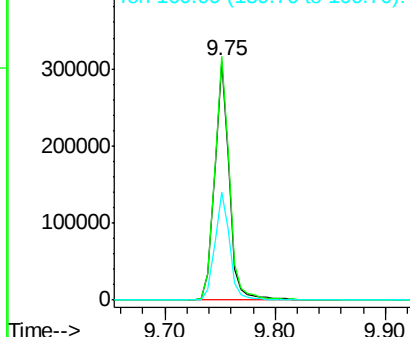


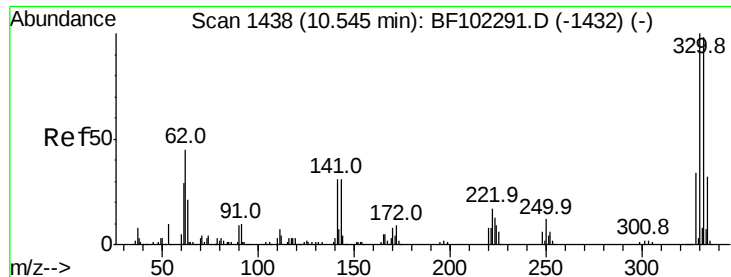
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102465.D
Acq: 26 Jan 2018 13:45

Tgt Ion:164 Resp: 281272
Ion Ratio Lower Upper
164 100
162 101.9 86.1 129.1
160 45.2 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

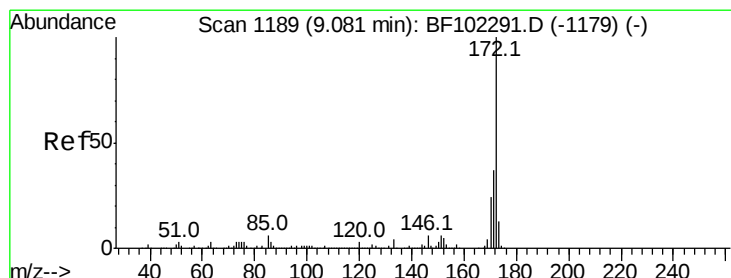
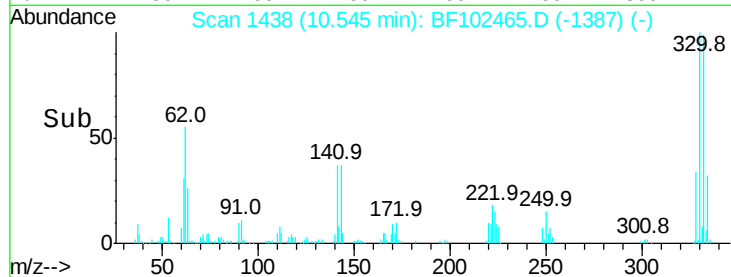
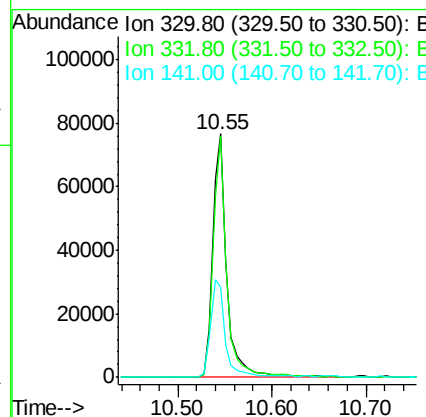
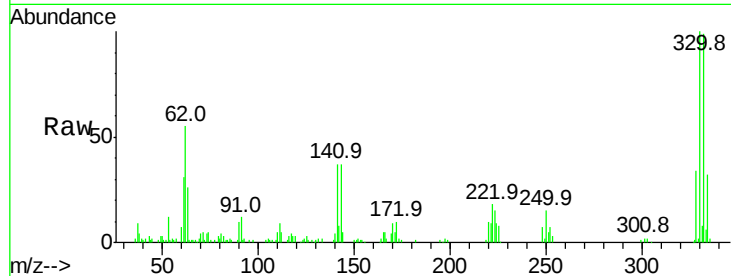




#41
 2,4,6-Tribromophenol
 Concen: 29.061 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102465.D
 Acq: 26 Jan 2018 13:45

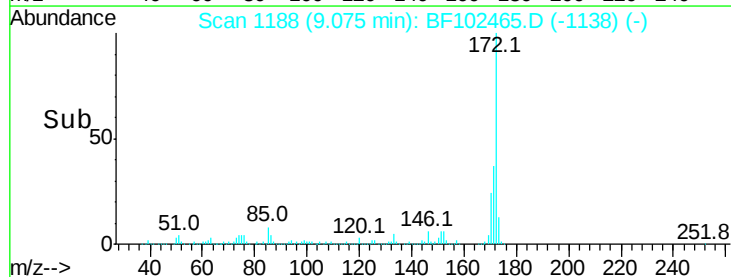
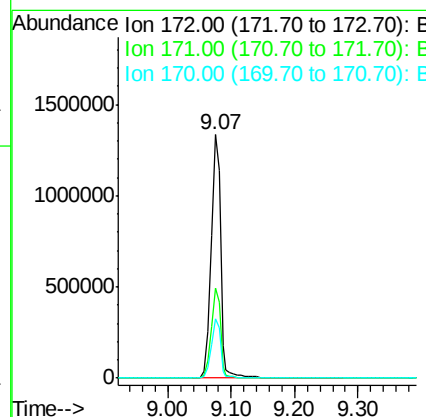
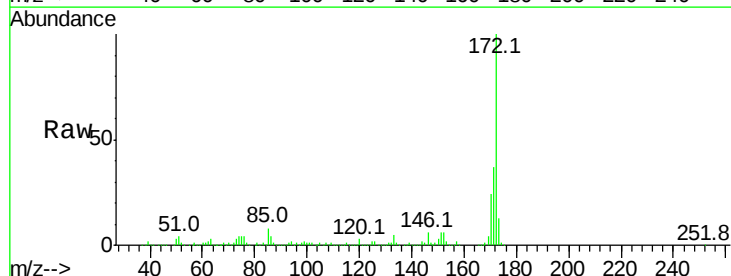
Instrument :
 BNA_F
 ClientSampled :
 MANHOLE

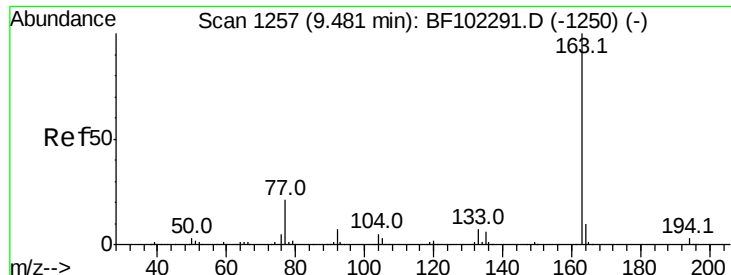
Tot Ion:330 Resp: 80994
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 41.9 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 72.634 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102465.D
 Acq: 26 Jan 2018 13:45

Tgt Ion:172 Resp: 1389447
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.3 19.6 29.4

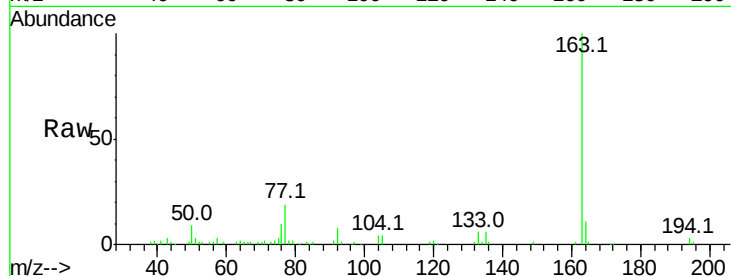




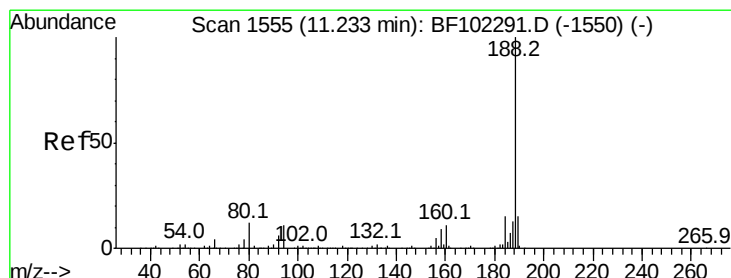
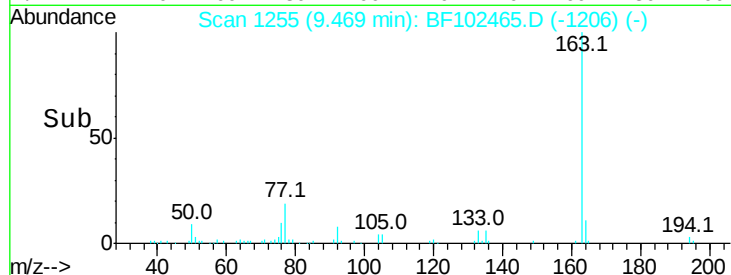
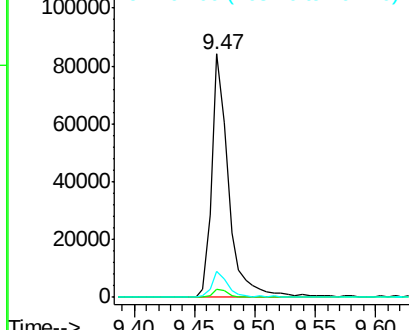
#49
Dimethylphthalate
Concen: 3.508 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102465.D
Acq: 26 Jan 2018 13:45

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tot Ion:163 Resp: 81557
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 8.2 12.2

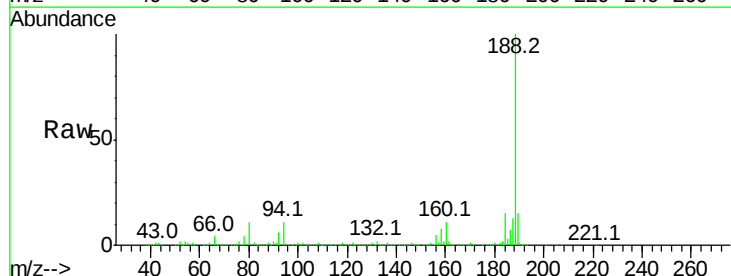


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

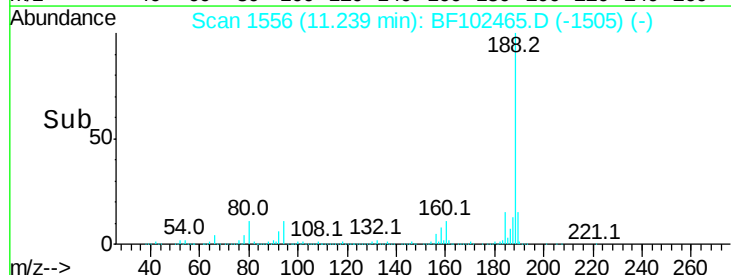
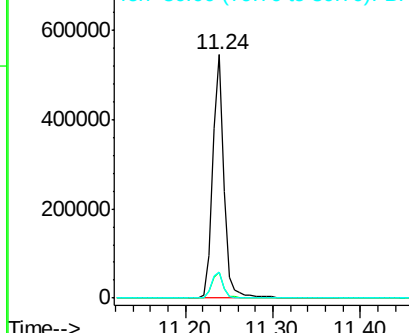


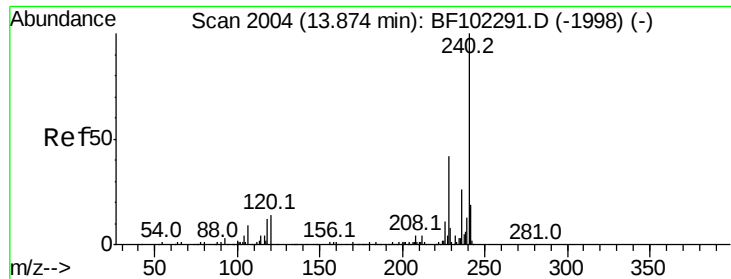
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102465.D
Acq: 26 Jan 2018 13:45

Tgt Ion:188 Resp: 490941
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 10.9 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: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102465.D

Acq: 26 Jan 2018 13:45

Instrument :

BNA_F

ClientSampleId :

MANHOLE

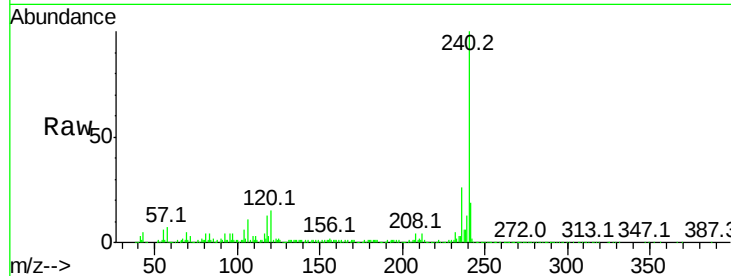
Tot Ion:240 Resp: 356505

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

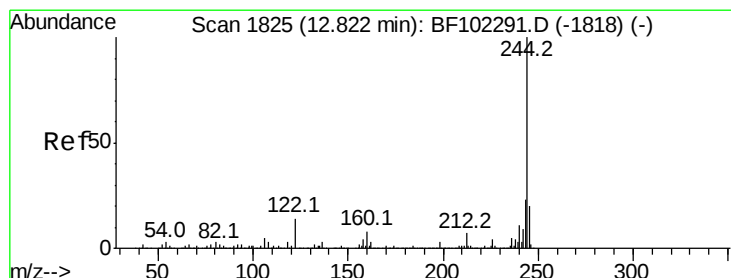
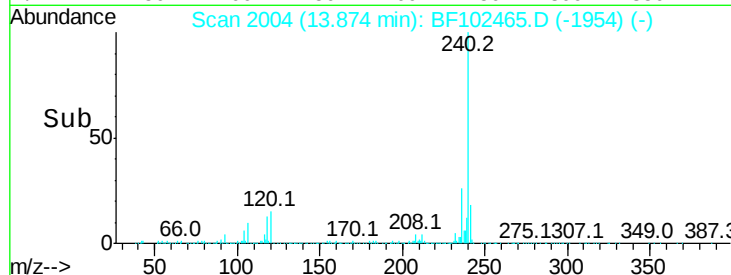
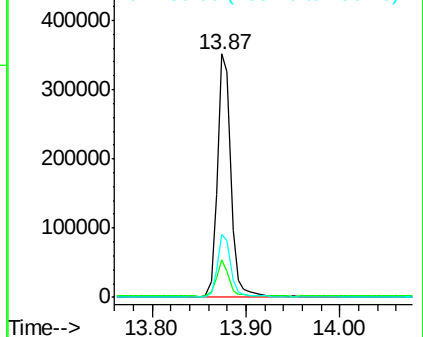
236 25.8 20.7 31.1



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



#78

Terphenyl-d14

Concen: 79.871 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF102465.D

Acq: 26 Jan 2018 13:45

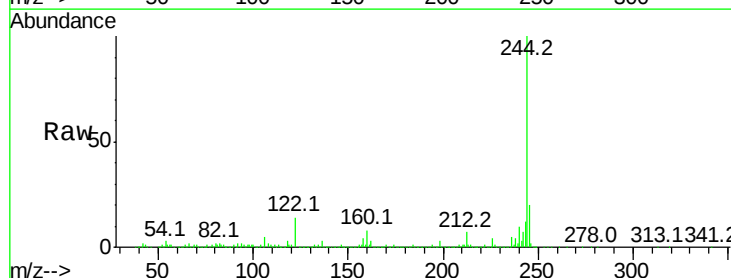
Tgt Ion:244 Resp: 1263083

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

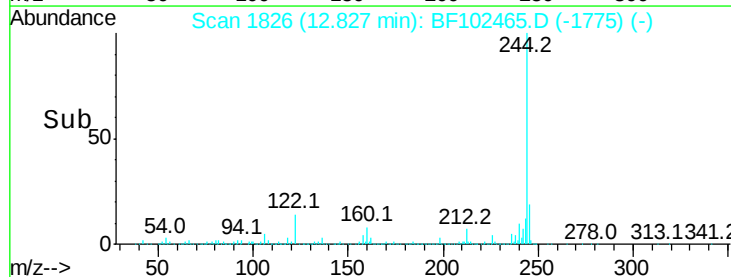
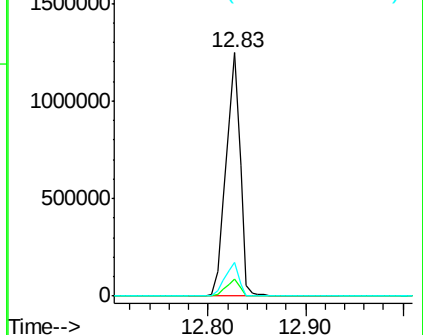
122 13.7 11.0 16.4

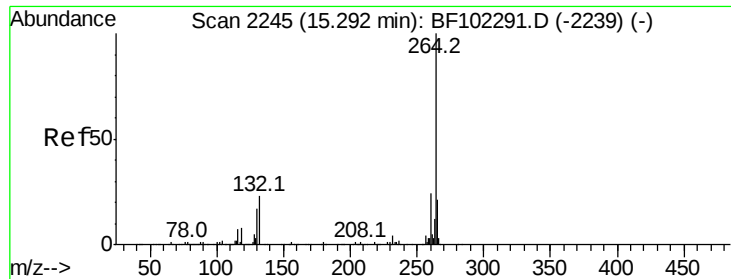


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

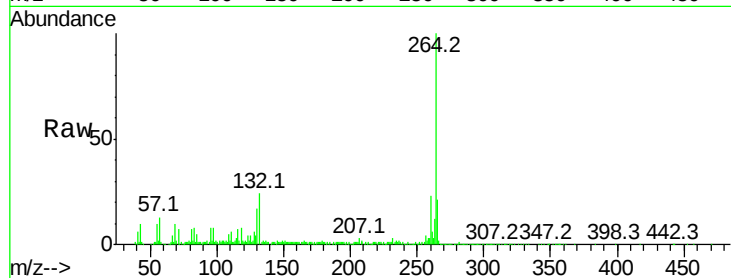




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BF102465.D
Acq: 26 Jan 2018 13:45

Instrument :
BNA_F
ClientSampleId :
MANHOLE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.8	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

