

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071018\
 Data File : BF107291.D
 Acq On : 11 Jul 2018 00:28
 Operator : JU/SJ
 Sample : J3912-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GS-CONCRETE-PIPE

Quant Time: Jul 11 02:14:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

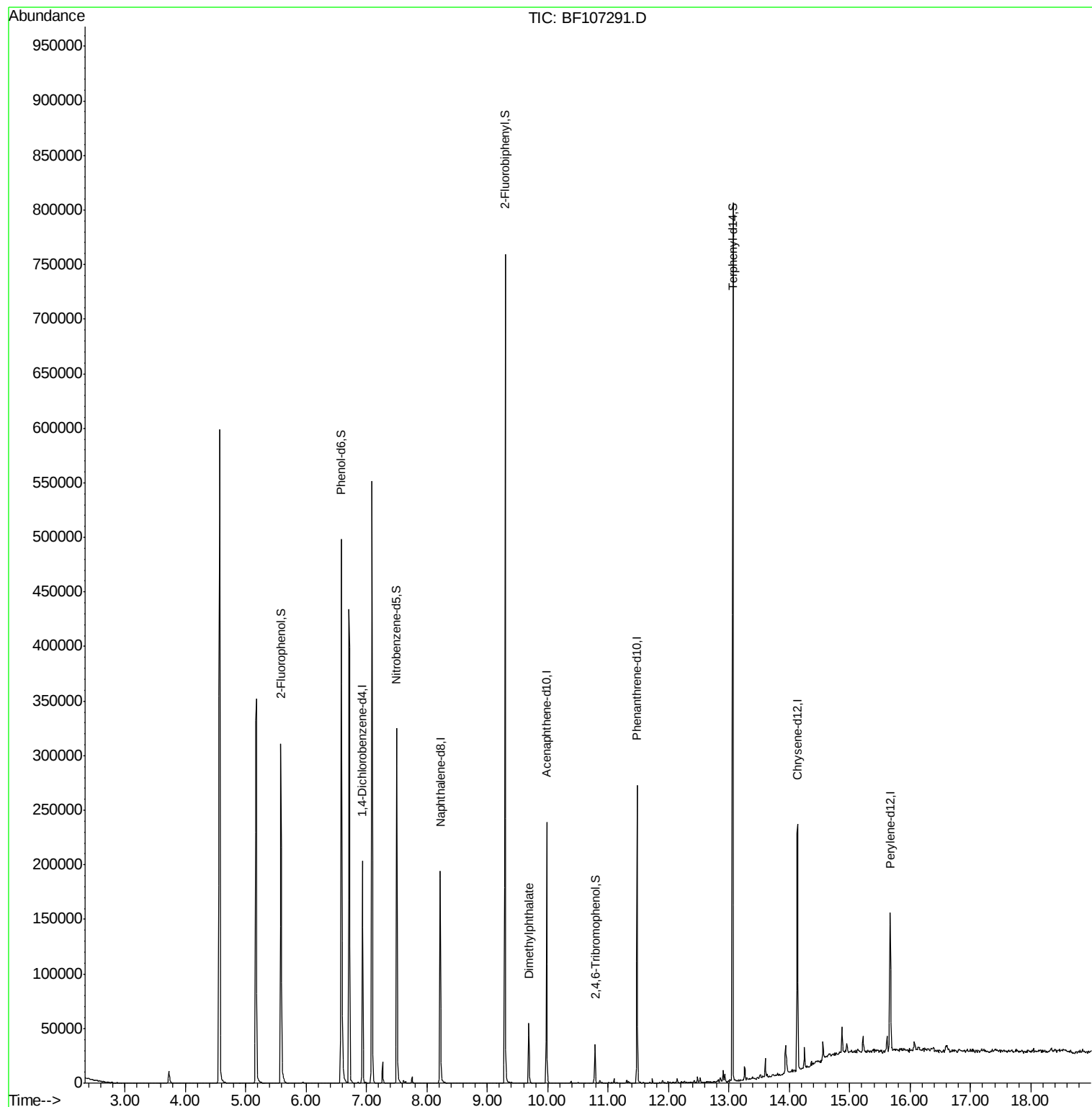
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	29129	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	103728	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	49056	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	105728	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	85861	20.00	ng	-0.03
86) Perylene-d12	15.67	264	64760	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	96175	55.91	ng	-0.02
7) Phenol-d6	6.58	99	183960	85.63	ng	-0.03
23) Nitrobenzene-d5	7.50	82	121127	64.90	ng	-0.04
41) 2,4,6-Tribromophenol	10.78	330	6295	11.07	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	242812	83.52	ng	-0.03
78) Terphenyl-d14	13.07	244	330390	93.21	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.69	163	26459	7.191	ng	Qvalue 99

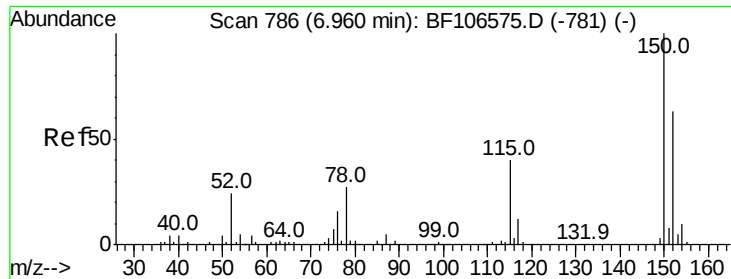
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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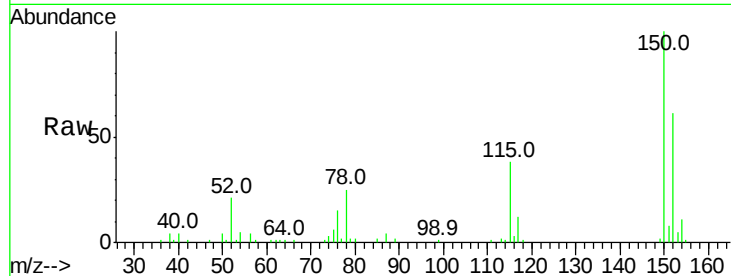


#1

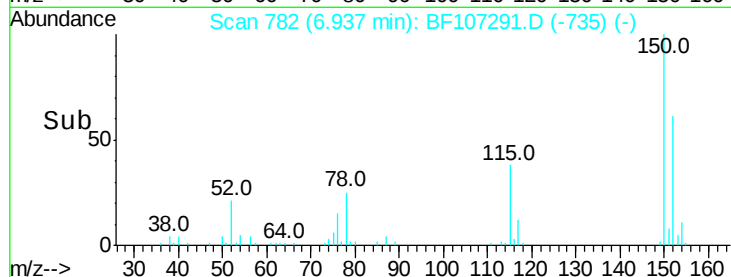
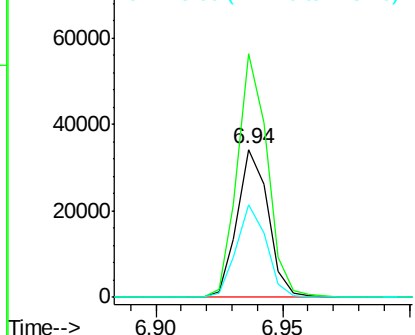
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Instrument :
BNA_F
ClientSampleId :
GS-CONCRETE-PIPE

Tot Ion:152 Resp: 29129
Ion Ratio Lower Upper
152 100
150 164.7 124.6 186.8
115 62.6 50.1 75.1



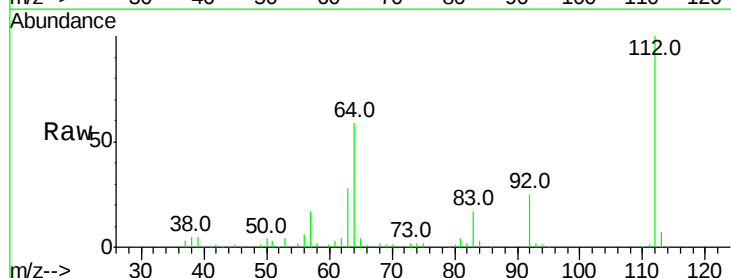
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



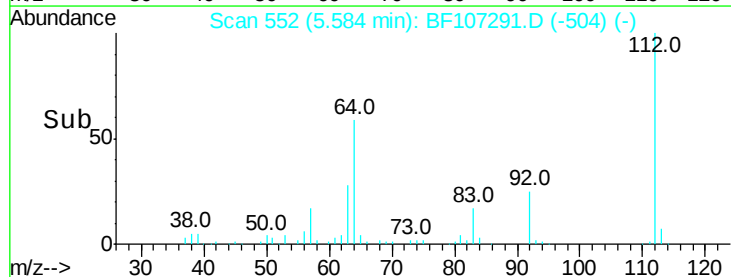
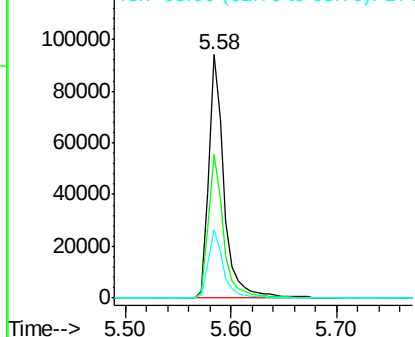
#5

2-Fluorophenol
Concen: 55.908 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Tgt Ion:112 Resp: 96175
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 27.9 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: 85.633 ng

RT: 6.58 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF107291.D

Acq: 11 Jul 2018 00:28

Instrument :

BNA_F

ClientSampleId :

GS-CONCRETE-PIPE

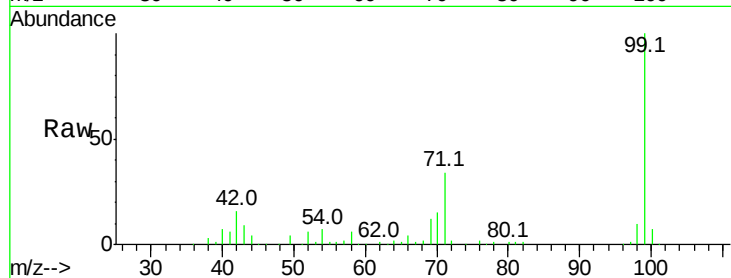
Tot Ion: 99 Resp: 183960

Ion Ratio Lower Upper

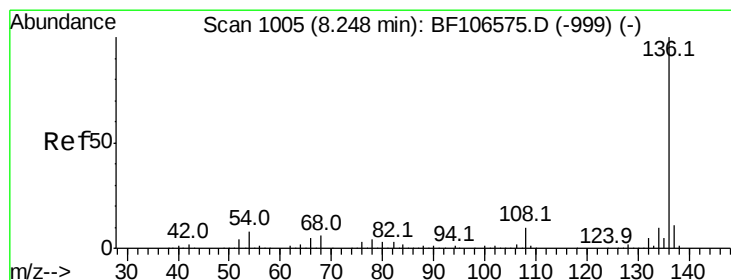
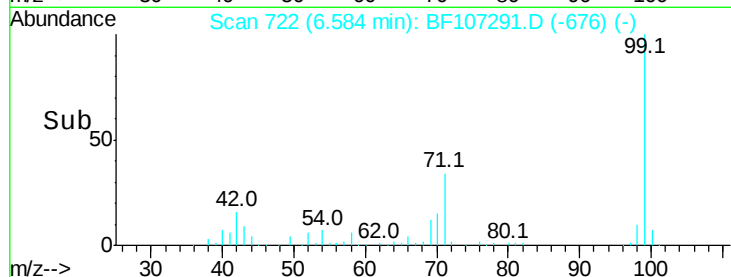
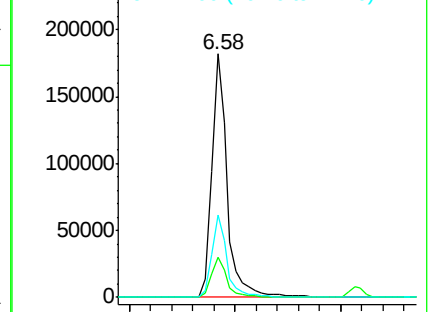
99 100

42 16.4 14.5 21.7

71 33.6 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: 8.22 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF107291.D

Acq: 11 Jul 2018 00:28

Tgt Ion: 136 Resp: 103728

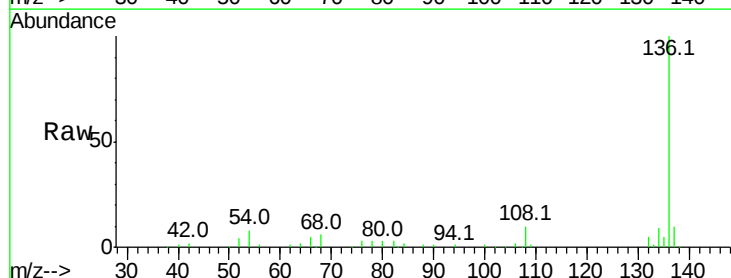
Ion Ratio Lower Upper

136 100

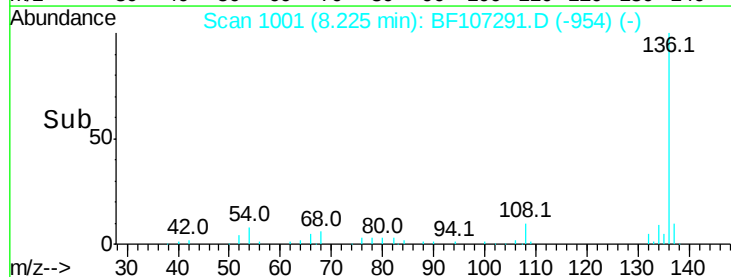
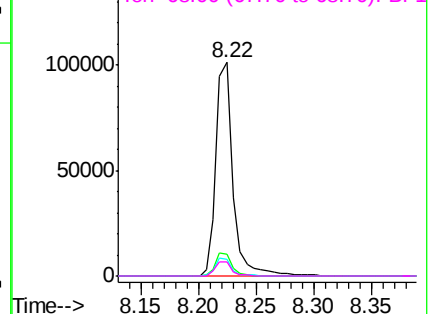
137 10.3 8.9 13.3

54 7.7 6.6 9.8

68 6.3 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

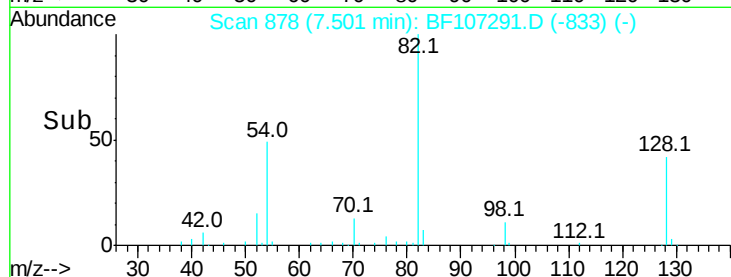
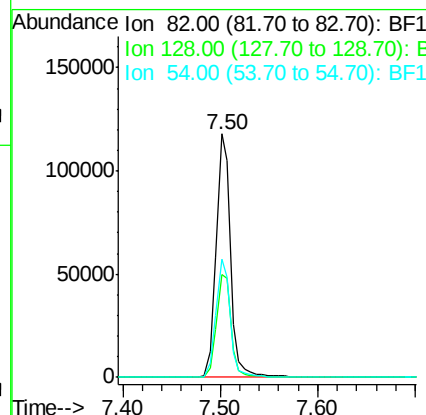
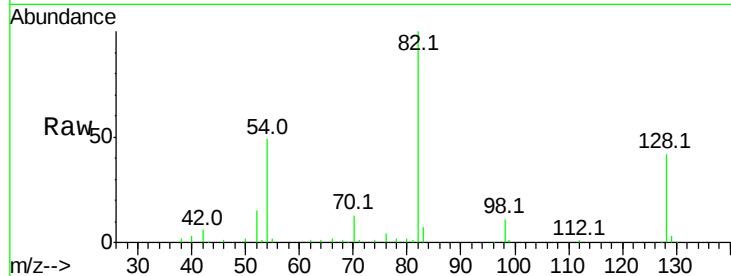




#23
 Nitrobenzene-d5
 Concen: 64.895 ng
 RT: 7.50 min Scan# 878
 Delta R.T. -0.04 min
 Lab File: BF107291.D
 Acq: 11 Jul 2018 00:28

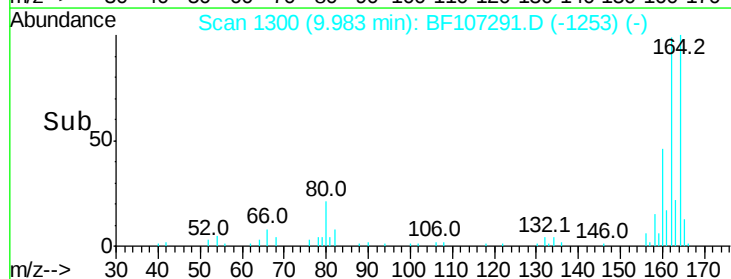
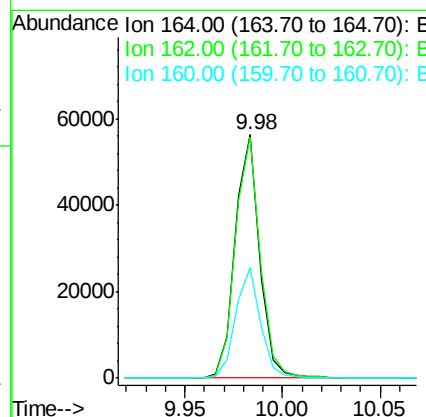
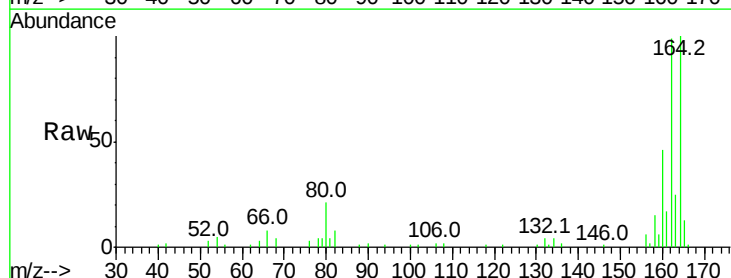
Instrument :
 BNA_F
 ClientSampleId :
 GS-CONCRETE-PIPE

Tot Ion	82	Resp	121127
Ion Ratio	Lower	Upper	
82	100		
128	42.3	36.1	54.1
54	48.7	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107291.D
 Acq: 11 Jul 2018 00:28

Tgt Ion	164	Resp	49056
Ion Ratio	Lower	Upper	
164	100		
162	99.1	86.1	129.1
160	45.5	38.3	57.5

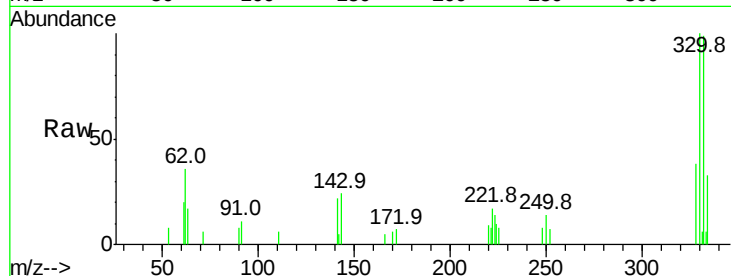




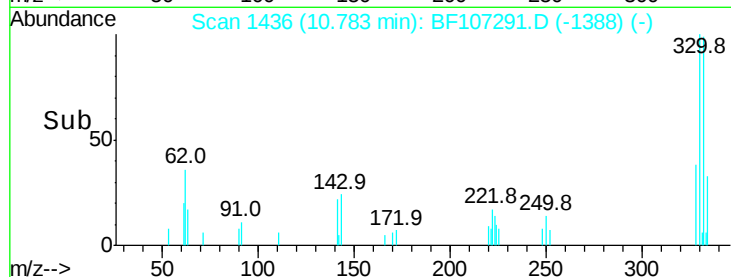
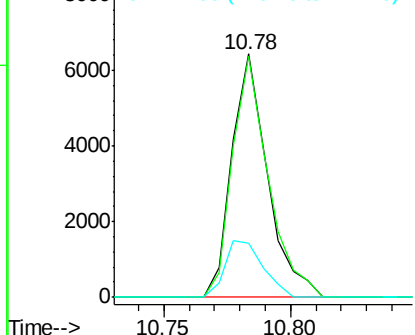
#41
 2,4,6-Tribromophenol
 Concen: 11.072 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107291.D
 Acq: 11 Jul 2018 00:28

Instrument :
 BNA_F
 ClientSampleId :
 GS-CONCRETE-PIPE

Tot Ion:330 Resp: 6295
 Ion Ratio Lower Upper
 330 100
 332 99.4 77.0 115.6
 141 24.6 29.9 44.9#

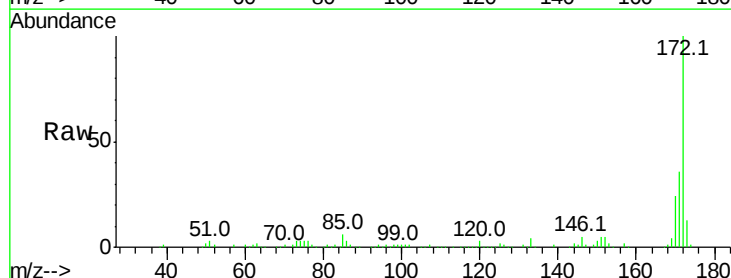


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

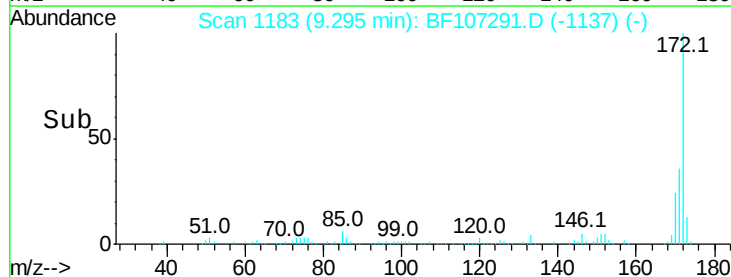
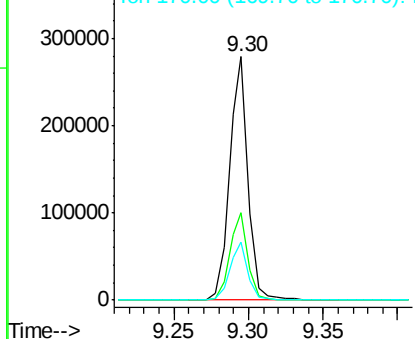


#44
 2-Fluorobiphenyl
 Concen: 83.523 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF107291.D
 Acq: 11 Jul 2018 00:28

Tgt Ion:172 Resp: 242812
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.1 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

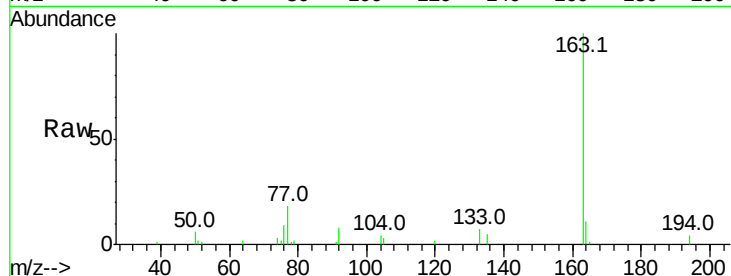




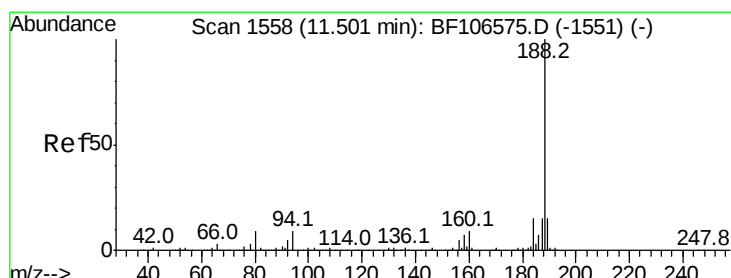
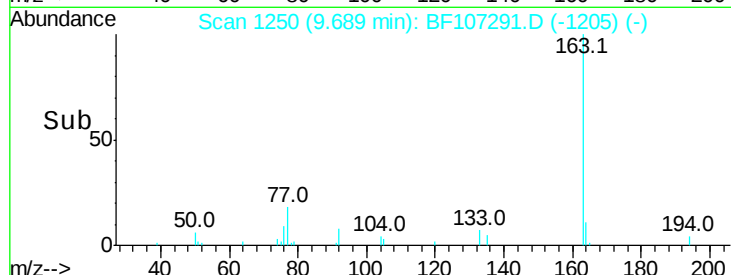
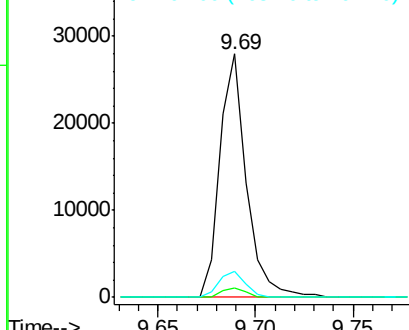
#49
Dimethylphthalate
Concen: 7.191 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Instrument :
BNA_F
ClientSampleId :
GS-CONCRETE-PIPE

Tot Ion:163 Resp: 26459
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.6 8.2 12.2

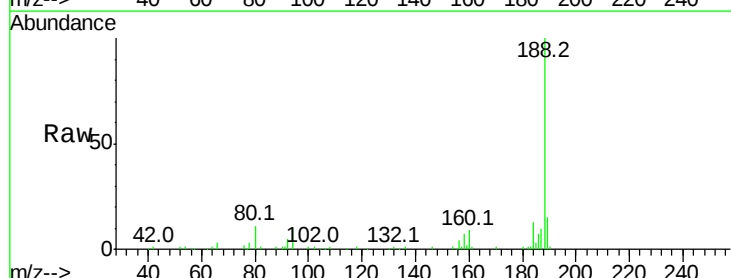


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

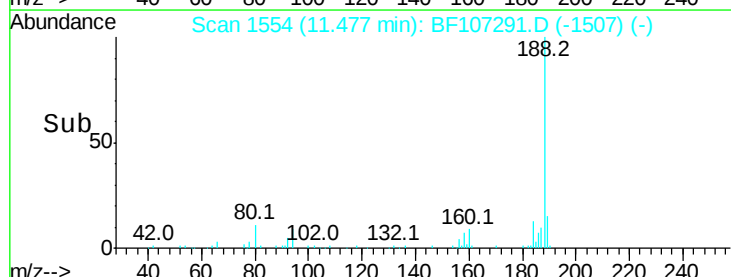
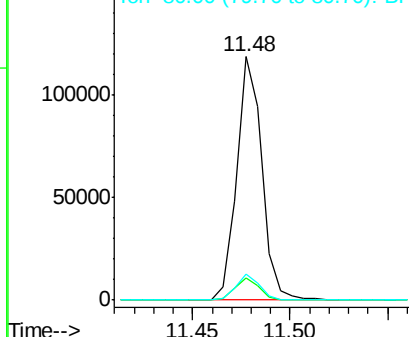


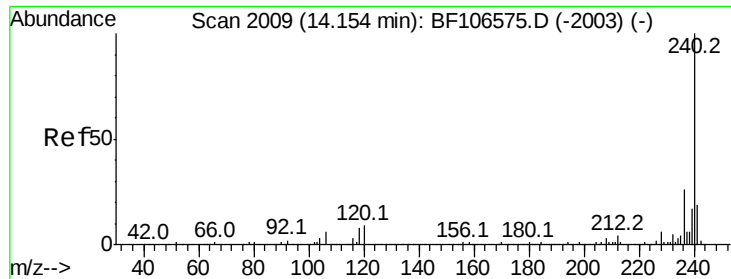
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Tgt Ion:188 Resp: 105728
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.6 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

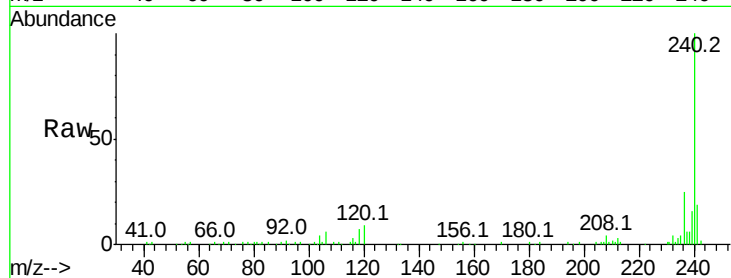




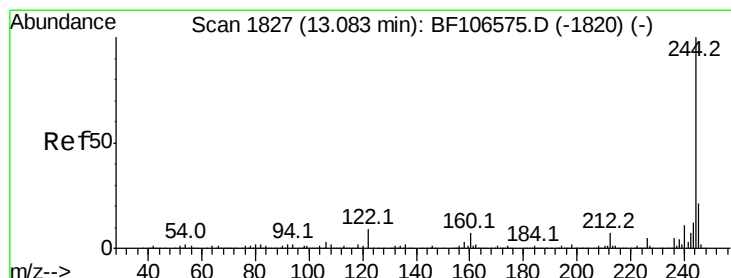
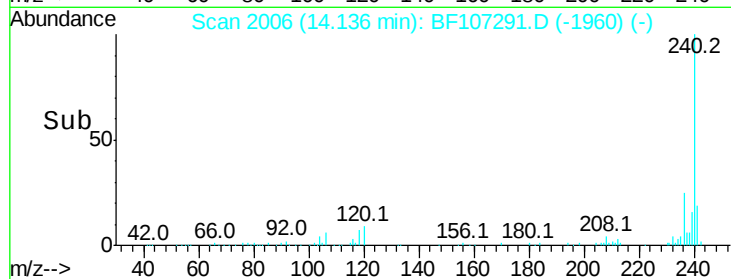
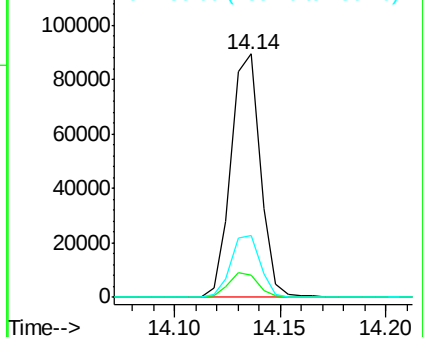
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.03 min
 Lab File: BF107291.D
 Acq: 11 Jul 2018 00:28

Instrument :
 BNA_F
 ClientSampleId :
 GS-CONCRETE-PIPE

Tot Ion:240 Resp: 85861
 Ion Ratio Lower Upper
 240 100
 120 8.9 9.5 14.3#
 236 25.1 20.7 31.1

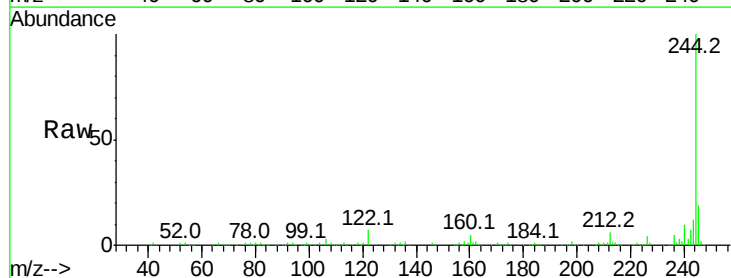


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

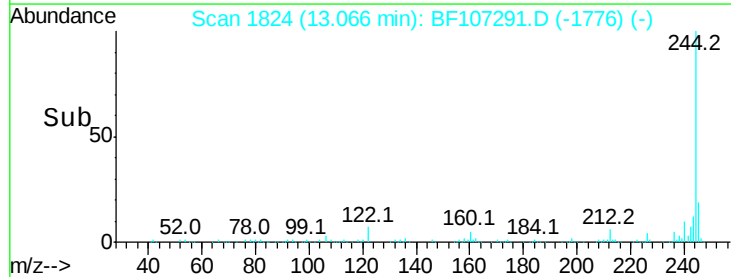
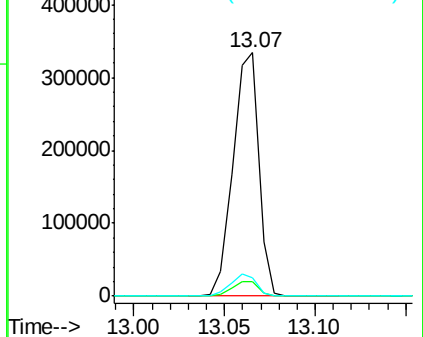


#78
 Terphenyl-d14
 Concen: 93.209 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107291.D
 Acq: 11 Jul 2018 00:28

Tgt Ion:244 Resp: 330390
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 7.4 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

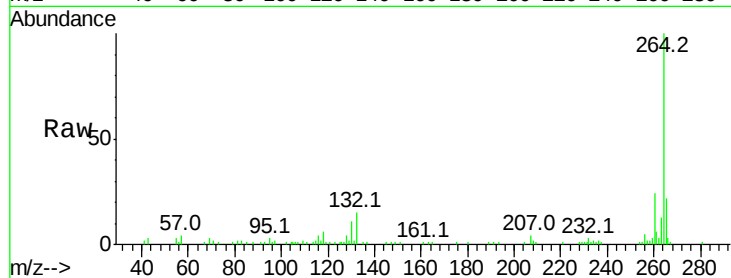




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Instrument :
BNA_F
ClientSampleId :
GS-CONCRETE-PIPE

Tot Ion:264 Resp: 64760
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.6 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

