

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 01:08:05 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

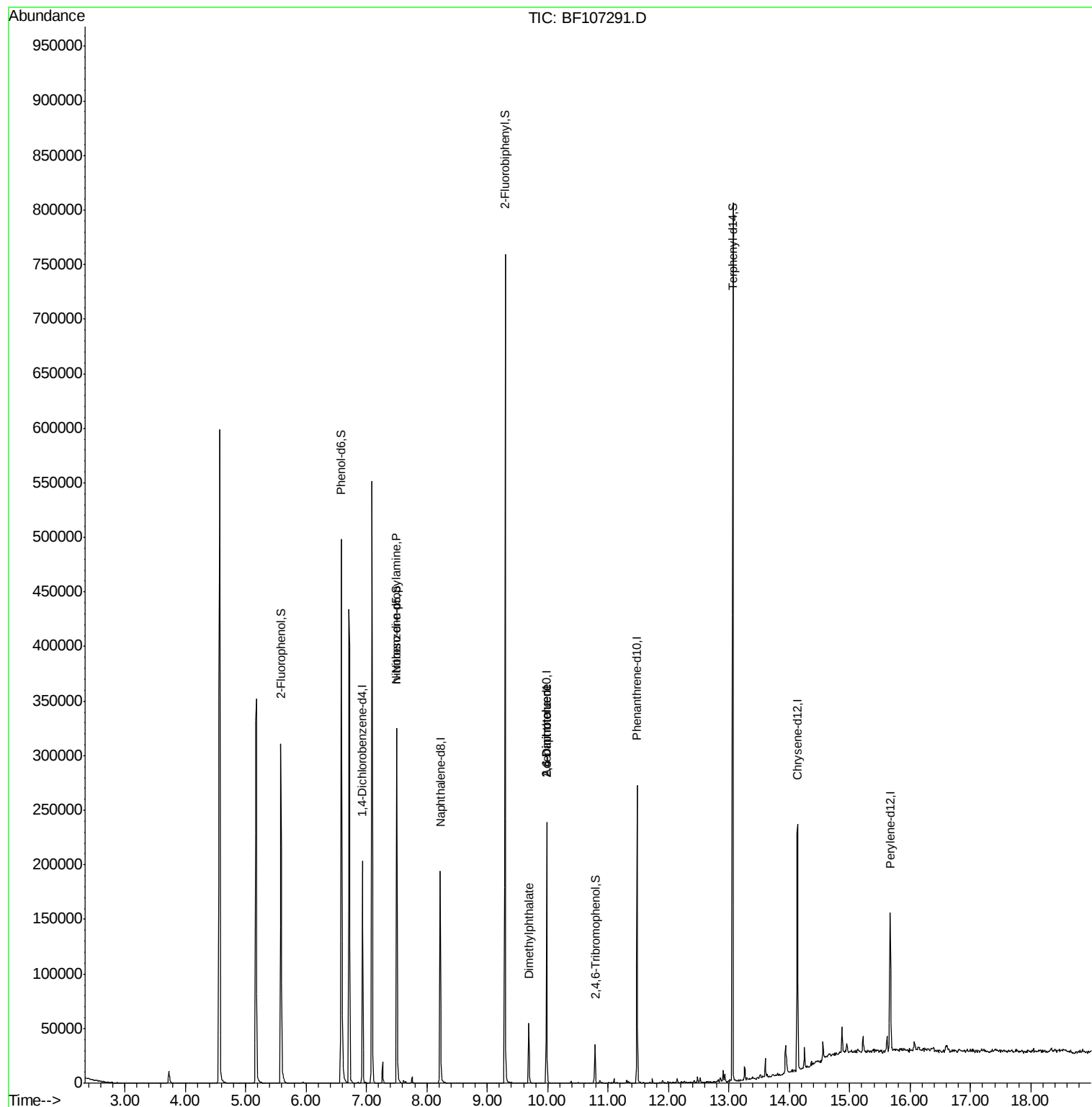
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	29129	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	103728	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	49056	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	105728	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	85861	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						
19) n-Nitroso-di-n-propylamine	7.50	70	15077	10.647	ng	# 76
49) Dimethylphthalate	9.69	163	26459	7.191	ng	# 99
50) 2,6-Dinitrotoluene	9.98	165	6120	7.855	ng	# 24
56) 2,4-Dinitrotoluene	9.98	165	6120	6.018	ng	# 21

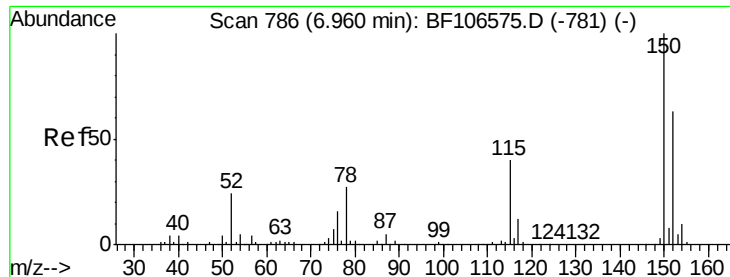
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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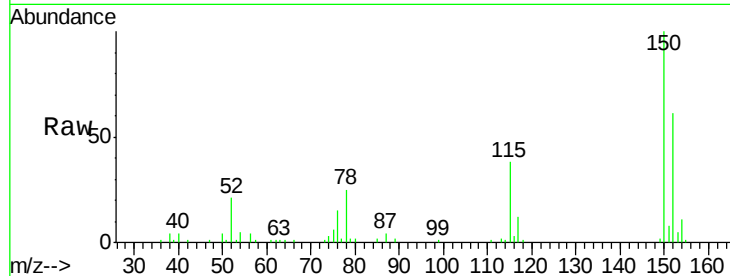


#1

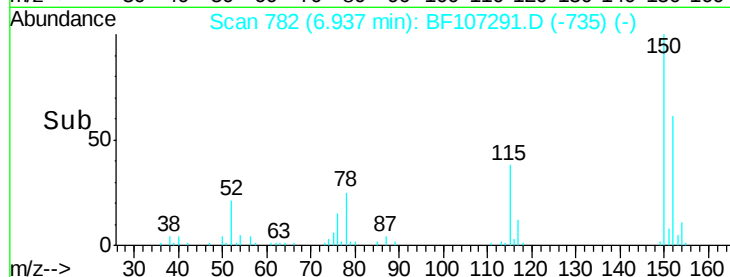
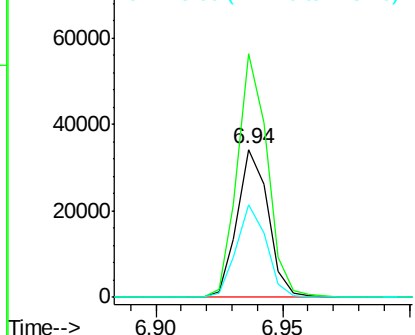
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Instrument :
BNA_F
ClientSampleId :
GS-CONCRETE-PIPE

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



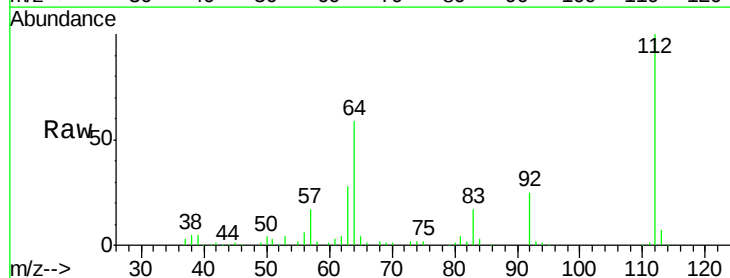
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



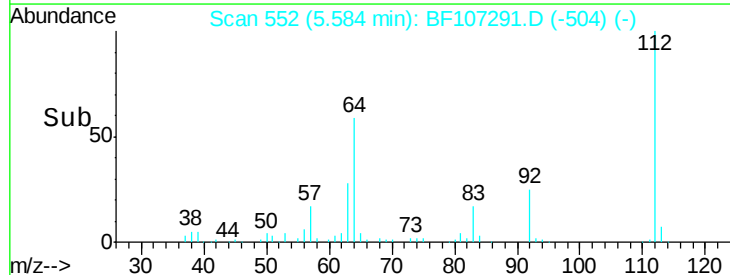
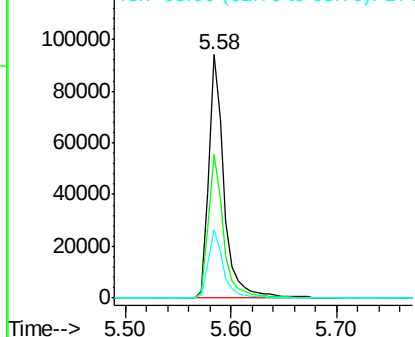
#5

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

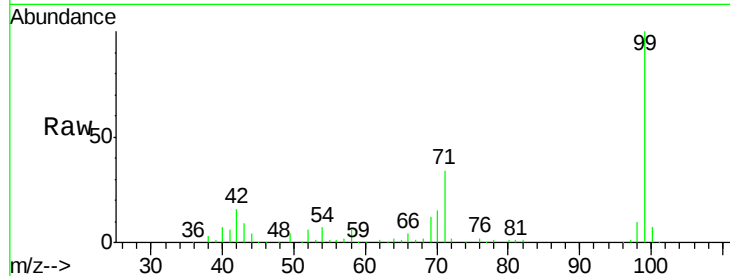
Tgt Ion: 99 Resp: 183960

Ion Ratio Lower Upper

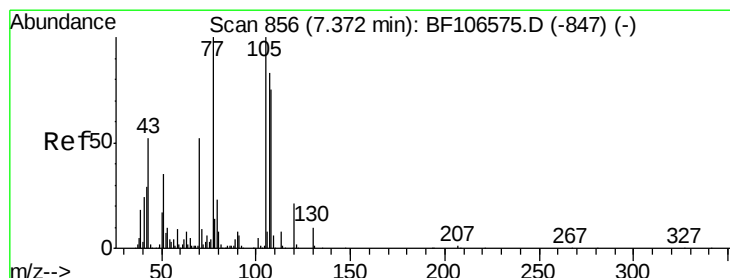
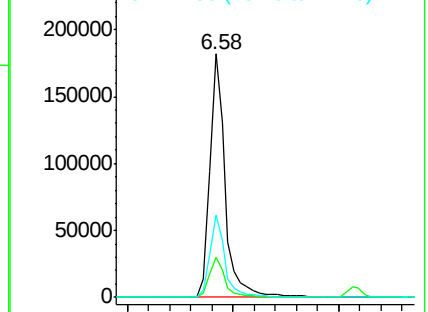
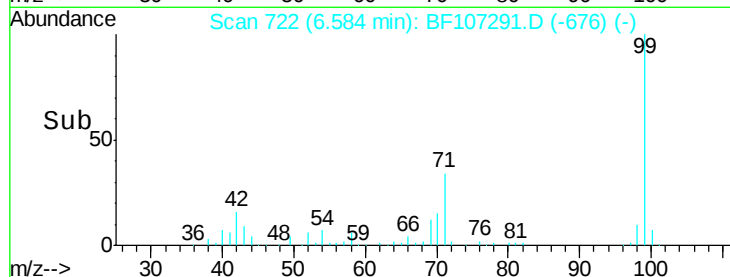
99 100

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



#19

n-Nitroso-di-n-propylamine

Concen: 10.647 ng

RT: 7.50 min Scan# 878

Delta R.T. 0.12 min

Lab File: BF107291.D

Acq: 11 Jul 2018 00:28

Tgt Ion: 70 Resp: 15077

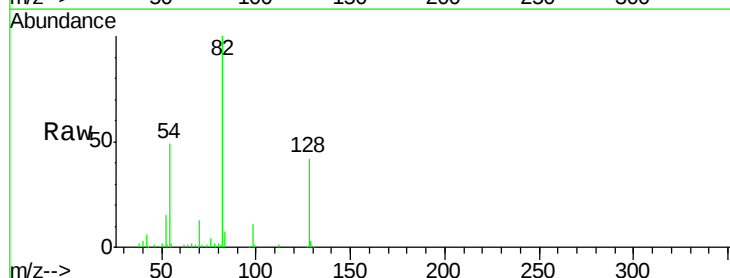
Ion Ratio Lower Upper

70 100

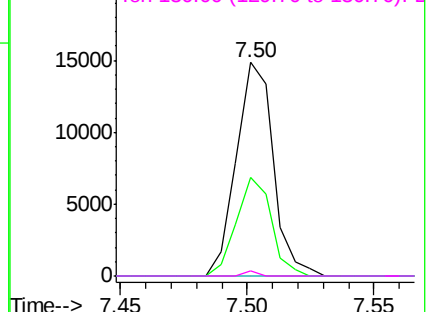
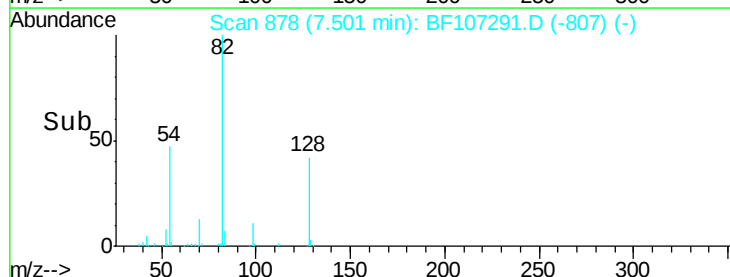
42 45.9 47.5 71.3#

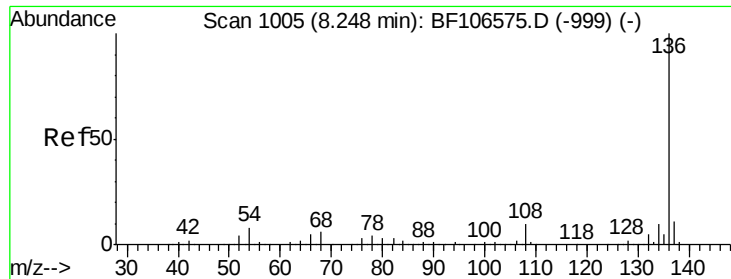
101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

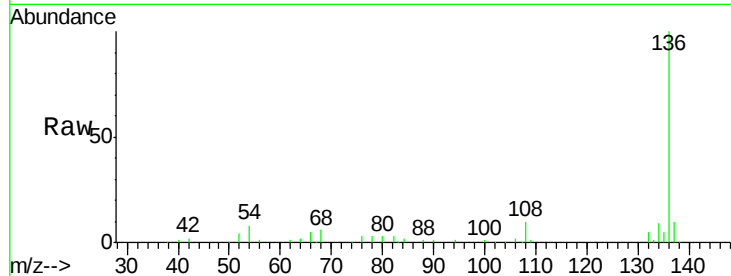




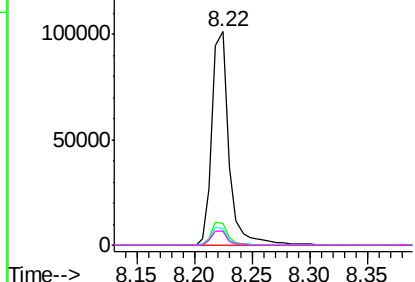
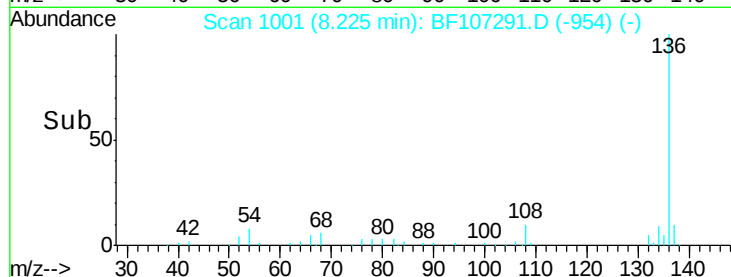
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Instrument :
BNA_F
ClientSampleId :
GS-CONCRETE-PIPE

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

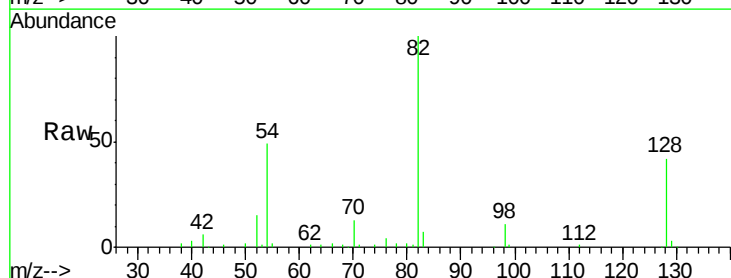


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

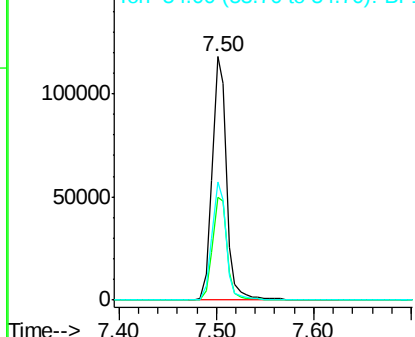
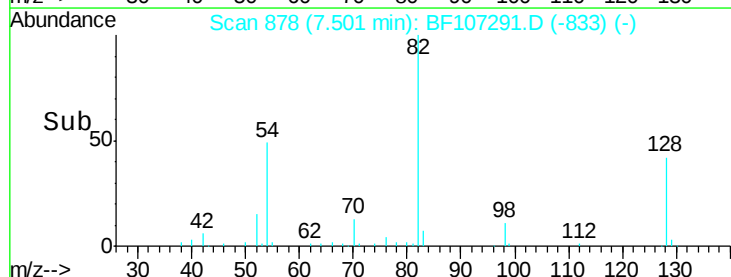


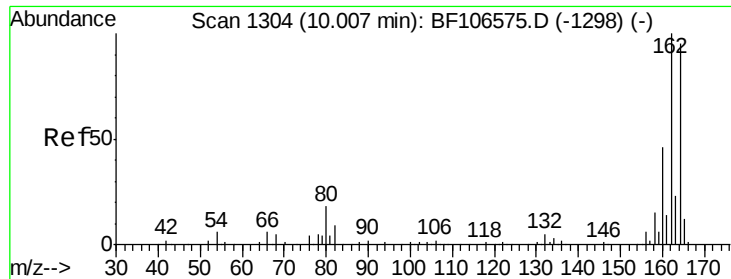
#23
Nitrobenzene-d5
Concen: 64.895 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.04 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Tgt Ion: 82 Resp: 121127
Ion Ratio Lower Upper
82 100
128 42.3 36.1 54.1
54 48.7 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

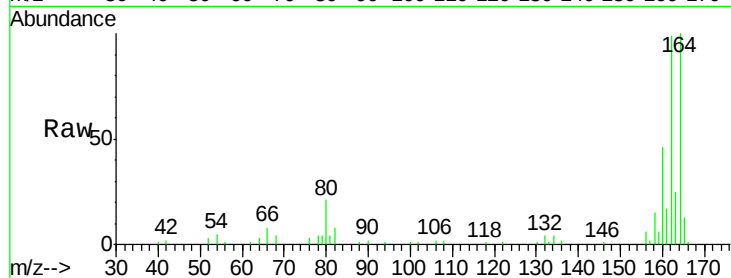




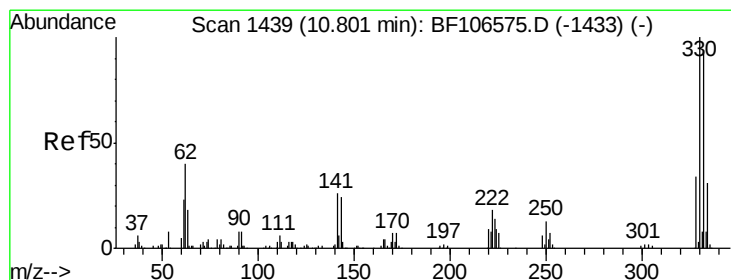
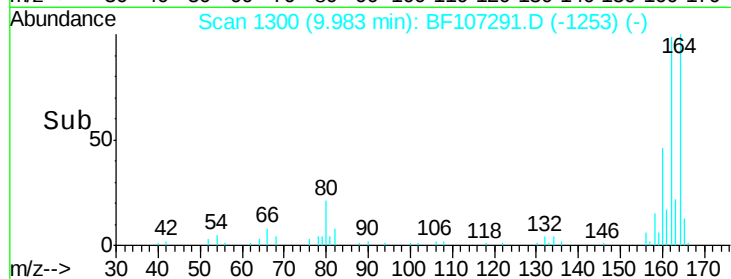
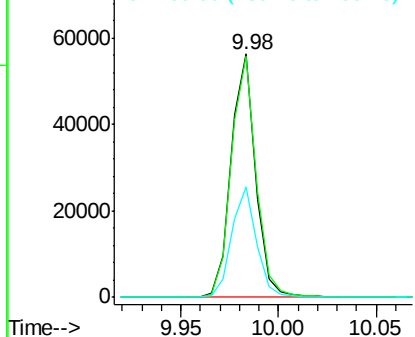
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Instrument :
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ClientSampleId :
GS-CONCRETE-PIPE

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

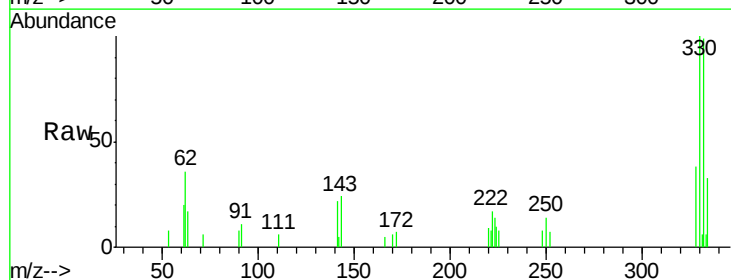


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

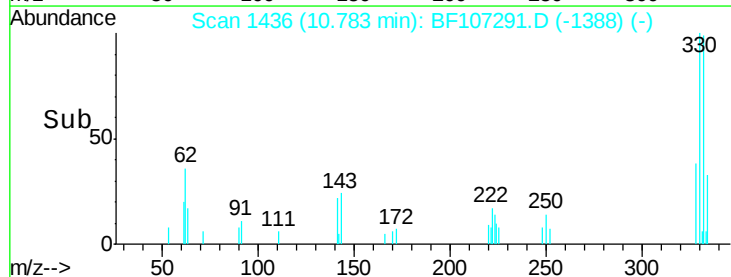
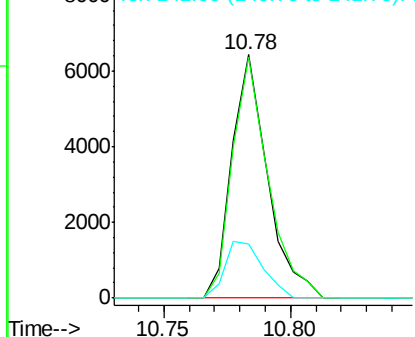


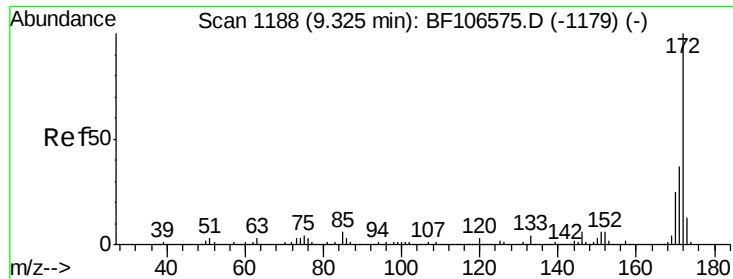
#41
2,4,6-Tribromophenol
Concen: 11.072 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Tgt 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

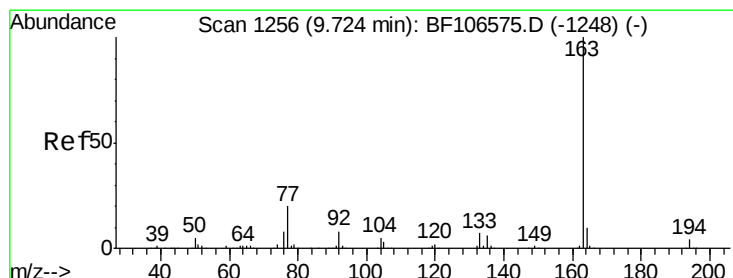
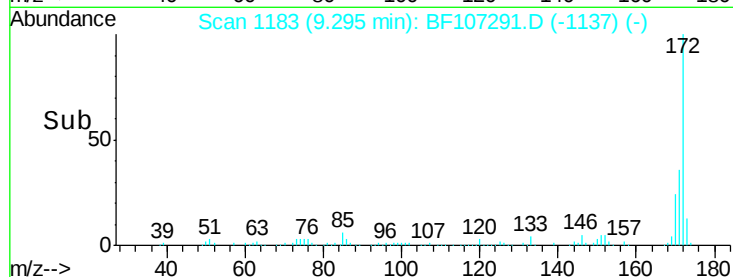
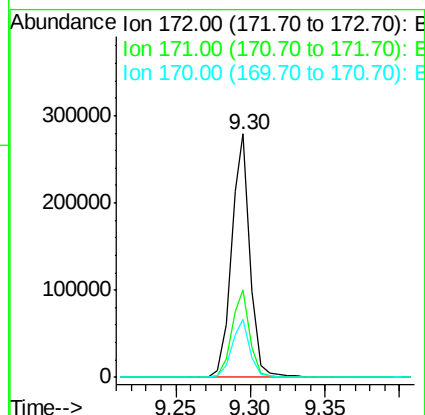
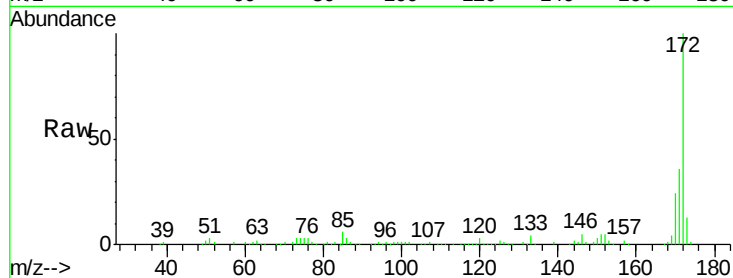




#44
 2-Fluorobiphenyl
 Concen: 83.523 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF107291.D
 Acq: 11 Jul 2018 00:28

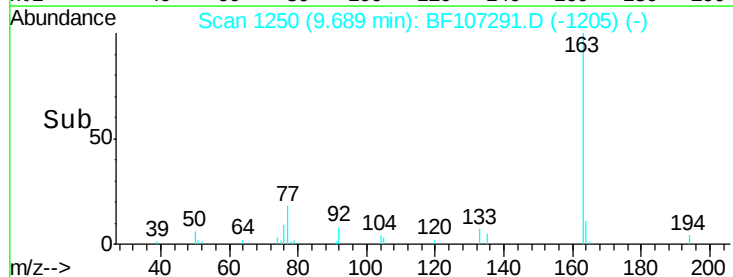
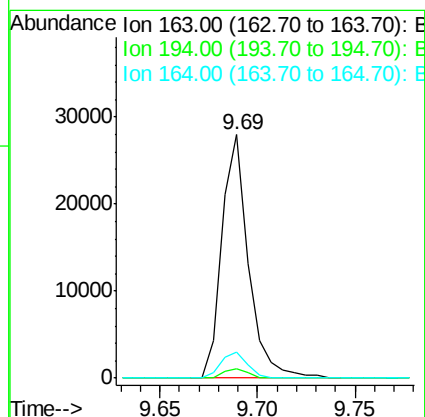
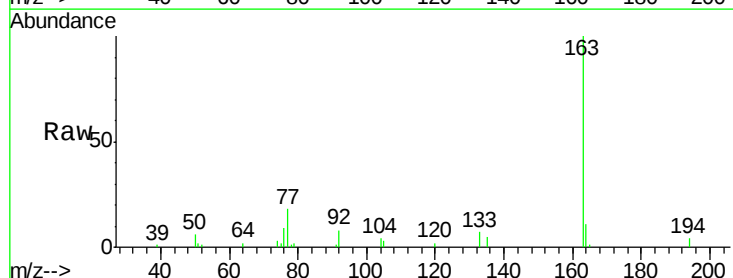
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 GS-CONCRETE-PIPE

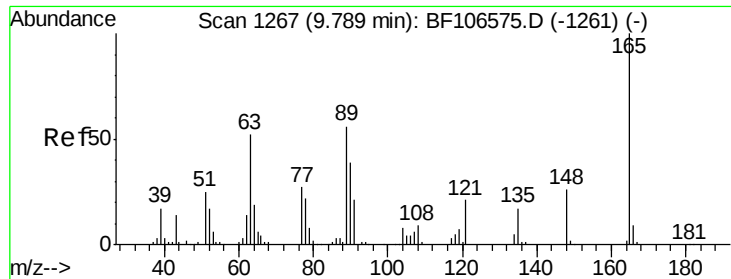
Tgt Ion:172 Resp: 242812
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.1 19.6 29.4



#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

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

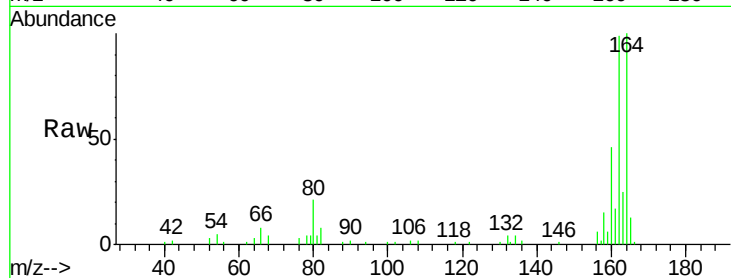




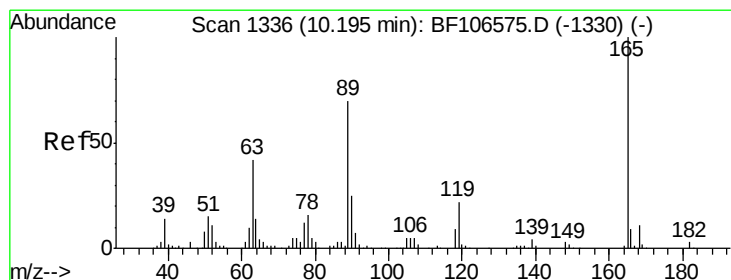
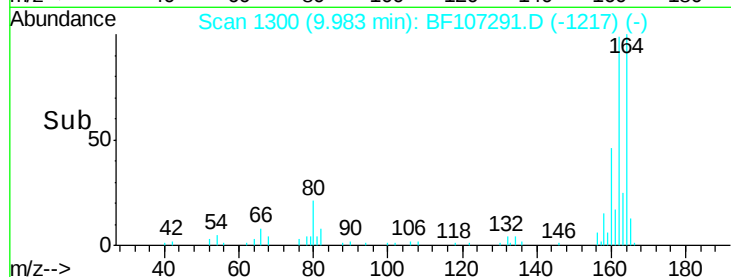
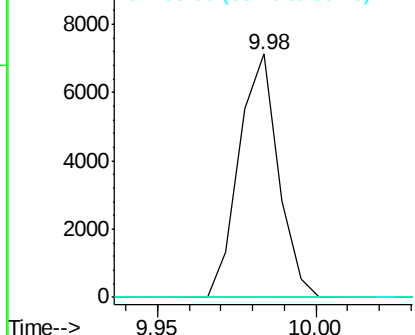
#50
2,6-Dinitrotoluene
Concen: 7.855 ng
RT: 9.98 min Scan# 1300
Delta R.T. 0.19 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Instrument :
BNA_F
ClientSampleId :
GS-CONCRETE-PIPE

Tgt Ion:165 Resp: 6120
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

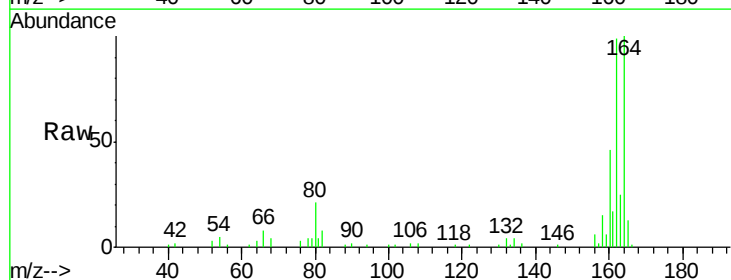


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

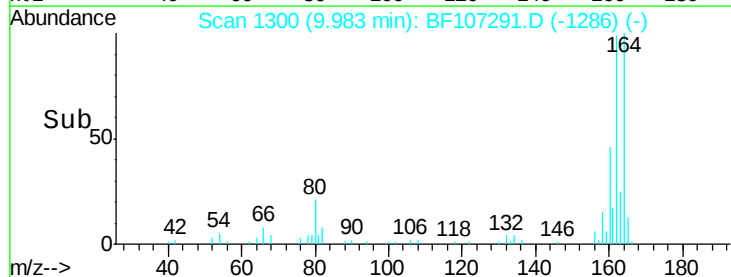
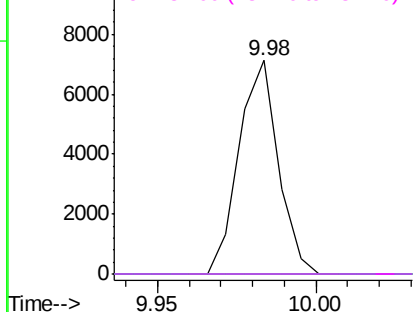


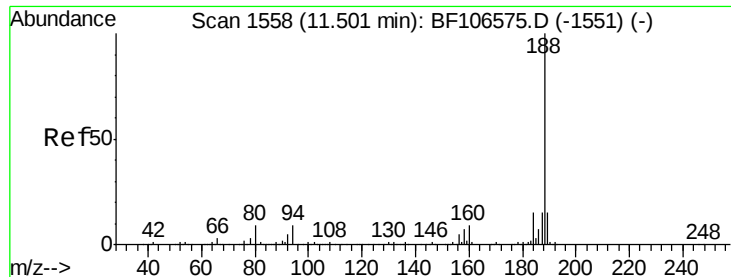
#56
2,4-Dinitrotoluene
Concen: 6.018 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.22 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

Tgt Ion:165 Resp: 6120
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

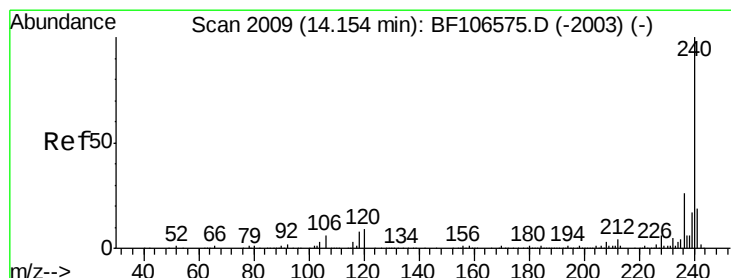
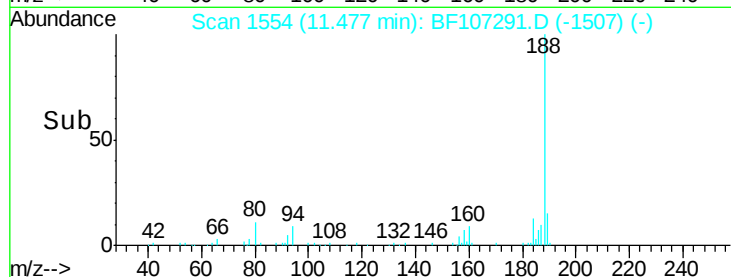
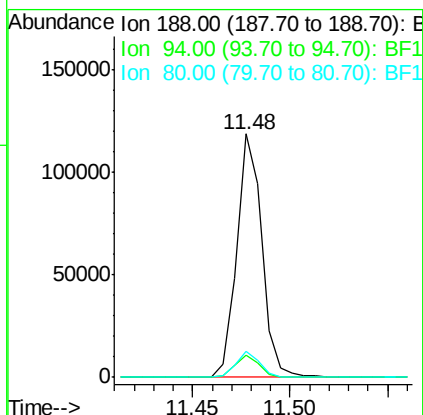
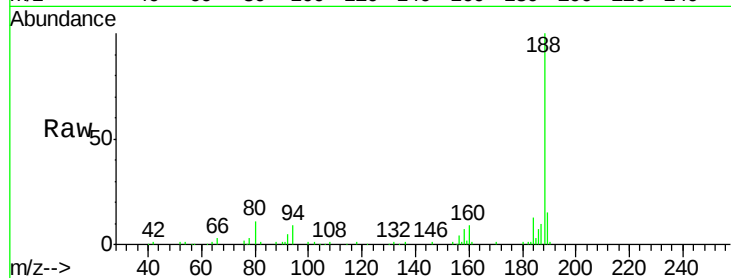




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107291.D
Acq: 11 Jul 2018 00:28

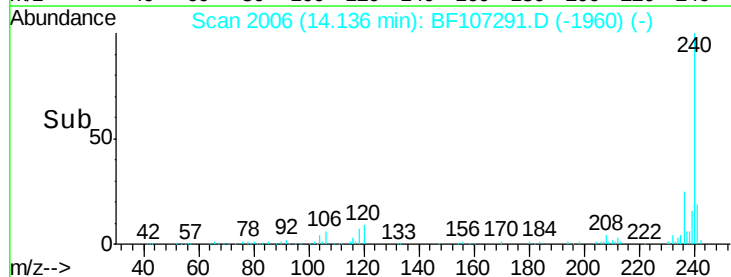
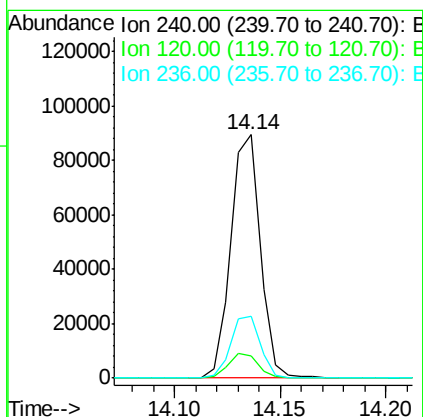
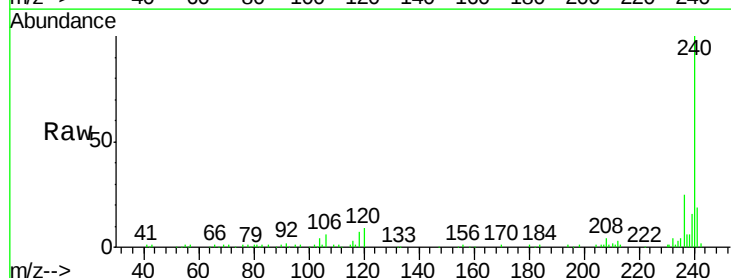
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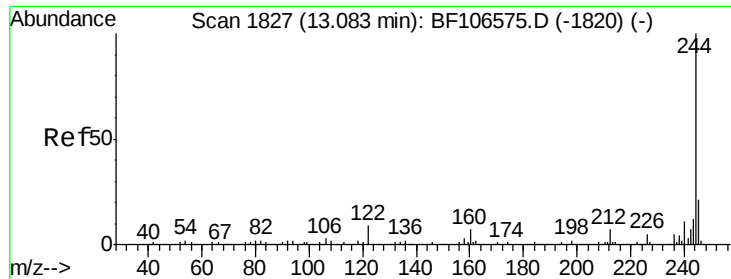
Tgt Ion:188 Resp: 105728
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.6 9.2 13.8



#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

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

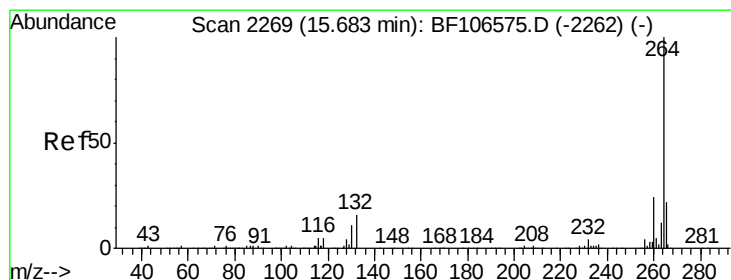
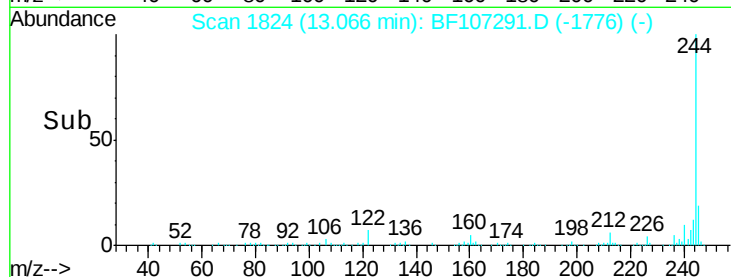
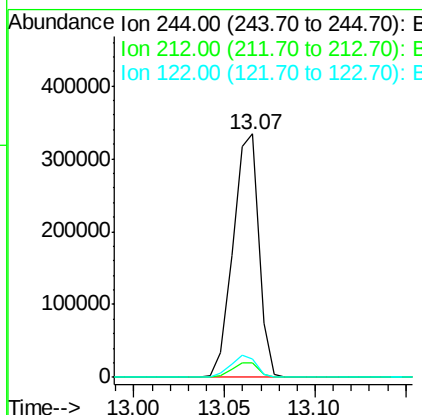
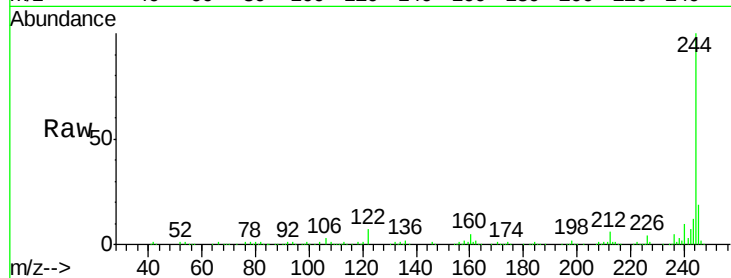




#78
 Terphenyl-d14
 Concen: 93.209 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107291.D
 Acq: 11 Jul 2018 00:28

Instrument :
 BNA_F
 ClientSampleId :
 GS-CONCRETE-PIPE

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#



#86
 Perylene-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

Tgt Ion:264 Resp: 64760
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.6 17.5 26.3

