

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080118\
 Data File : BF107893.D
 Acq On : 1 Aug 2018 17:07
 Operator : JU/SJ
 Sample : J4234-01 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONE-CONCRETE

Quant Time: Aug 01 17:44:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

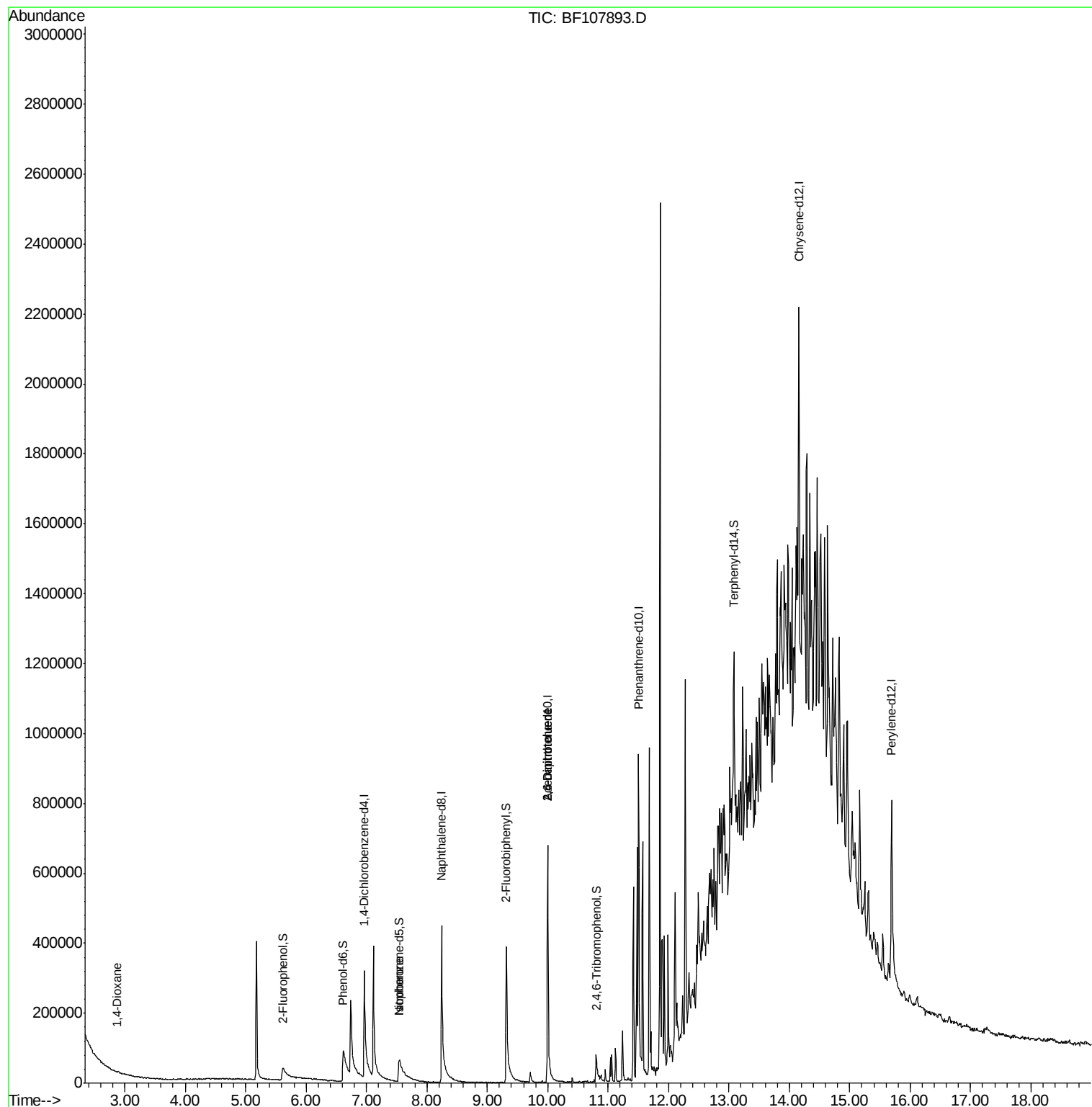
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	98547	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	445287	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	176595	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	354620	20.00	ng	0.00
75) Chrysene-d12	14.15	240	343777	20.00	ng	0.00
86) Perylene-d12	15.69	264	391873	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	56949	9.82	ng	0.02
7) Phenol-d6	6.62	99	178310	23.33	ng	0.01
23) Nitrobenzene-d5	7.54	82	98273	12.71	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	23219	9.68	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	286665	22.62	ng	0.00
78) Terphenyl-d14	13.08	244	319836	20.17	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.87	88	285	5.886	ng	# 1
25) Isophorone	7.54	82	98273	7.746	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	20292	7.041	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	20292	5.357	ng	# 21

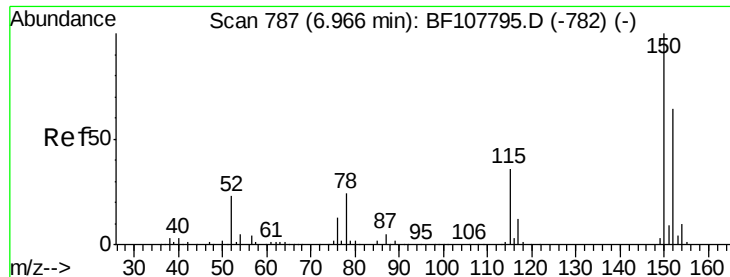
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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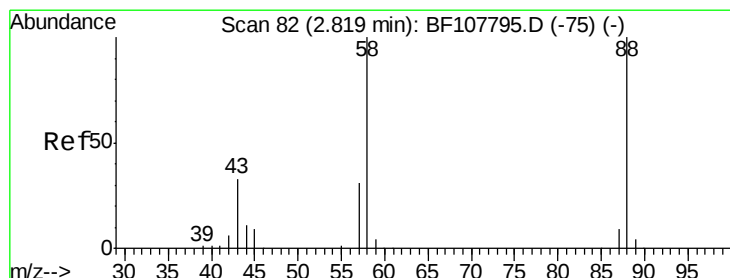
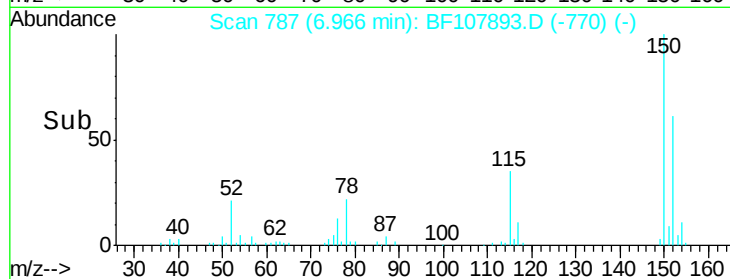
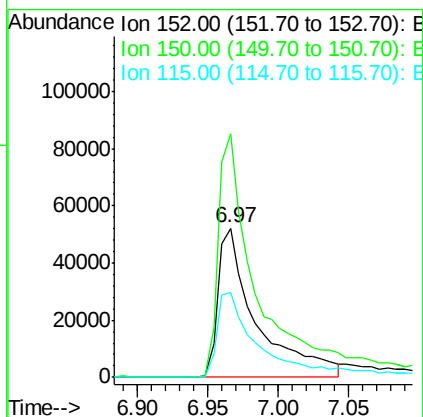
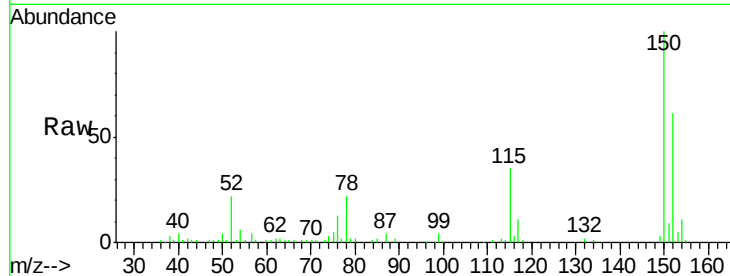


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF107893.D
Acq: 1 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
OILY-STONE-CONCRETE

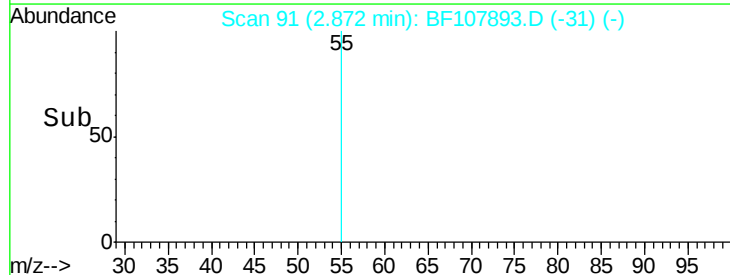
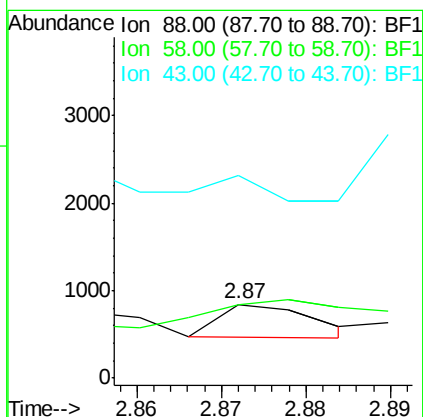
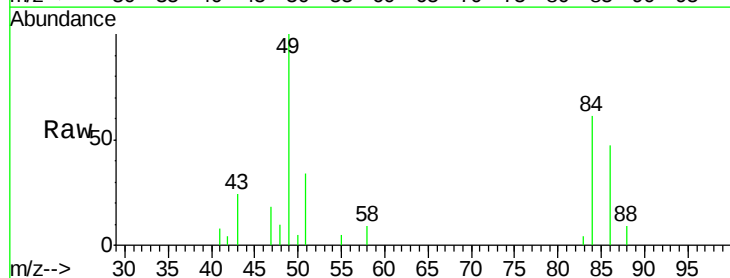
Tgt Ion:152 Resp: 98547
Ion Ratio Lower Upper
152 100
150 163.5 124.6 186.8
115 57.4 50.1 75.1

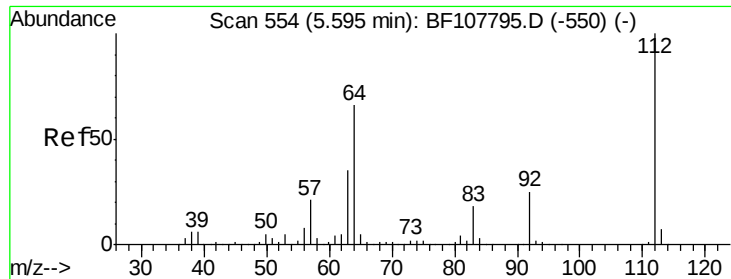


#2

1,4-Dioxane
Concen: 5.886 ng
RT: 2.87 min Scan# 91
Delta R.T. 0.05 min
Lab File: BF107893.D
Acq: 1 Aug 2018 17:07

Tgt Ion: 88 Resp: 285
Ion Ratio Lower Upper
88 100
58 140.0 62.6 93.8#
43 169.1 24.6 37.0#





#5

2-Fluorophenol

Concen: 9.821 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF107893.D

Acq: 1 Aug 2018 17:07

Instrument :

BNA_F

ClientSampleId :

OILY-STONE-CONCRETE

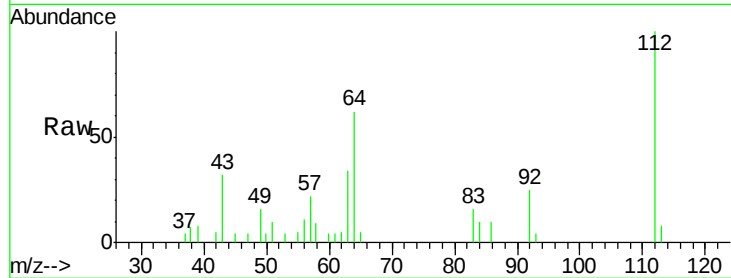
Tgt Ion: 112 Resp: 56949

Ion Ratio Lower Upper

112 100

64 62.3 47.9 71.9

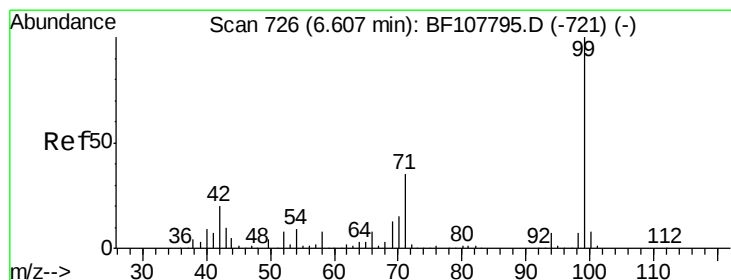
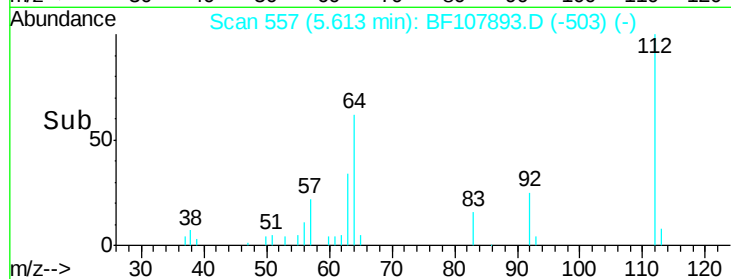
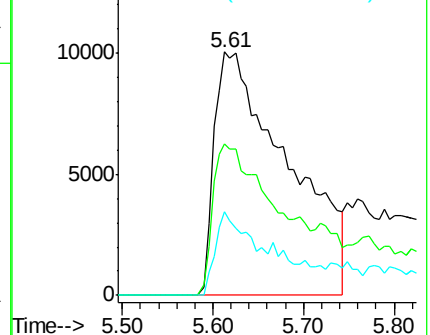
63 34.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 23.333 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF107893.D

Acq: 1 Aug 2018 17:07

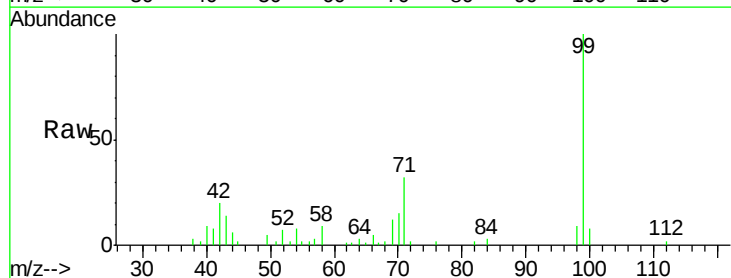
Tgt Ion: 99 Resp: 178310

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

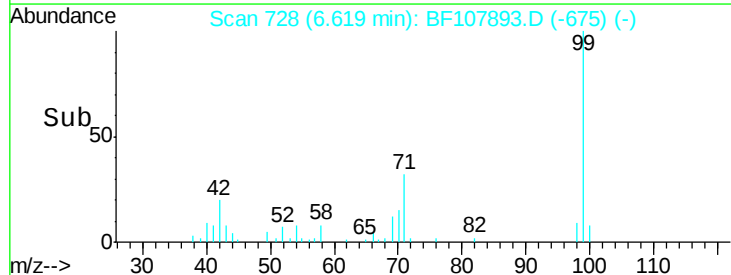
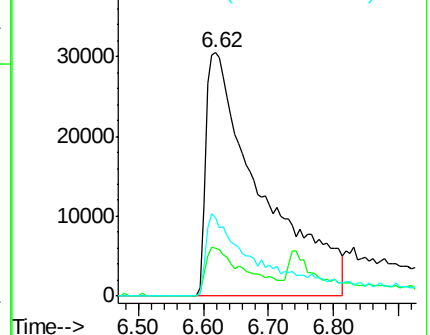
71 32.3 25.4 38.0

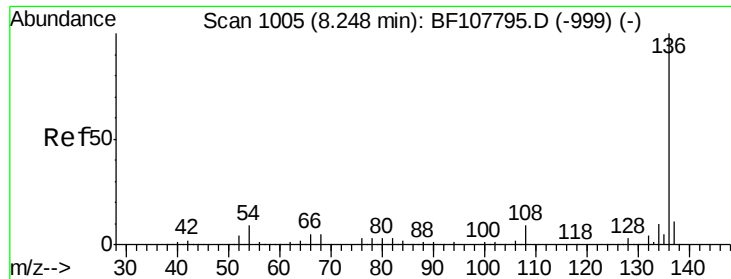


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

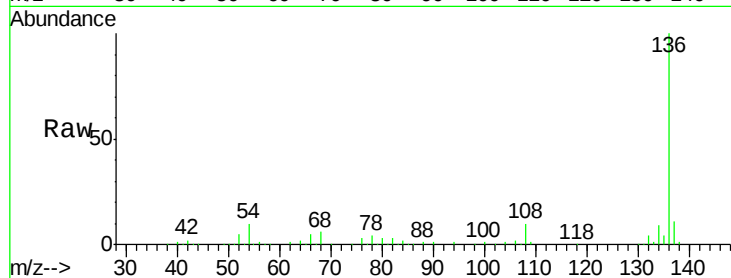




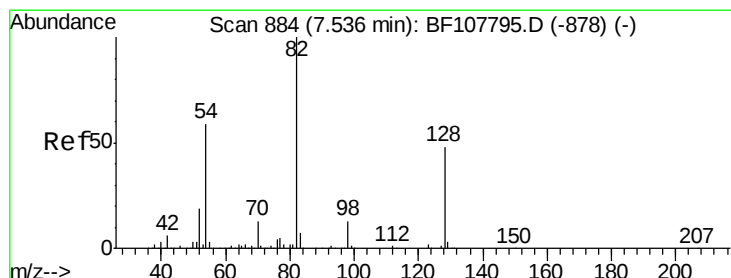
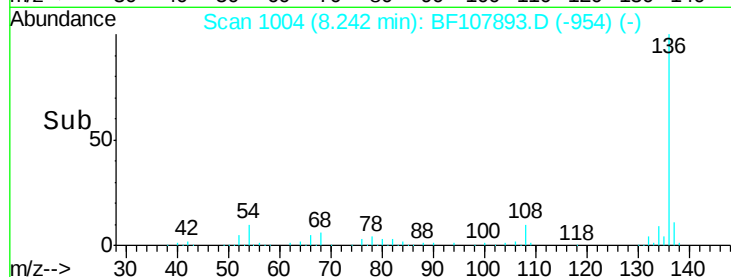
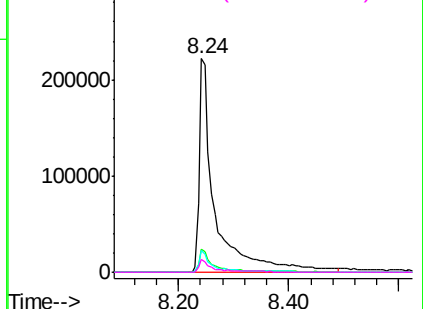
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107893.D
Acq: 1 Aug 2018 17:07

Instrument :
BNA_F
ClientSampleId :
OILY-STONE-CONCRETE

Tgt Ion:	136	Resp:	445287
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.1	6.6	9.8#
68	6.3	5.0	7.4

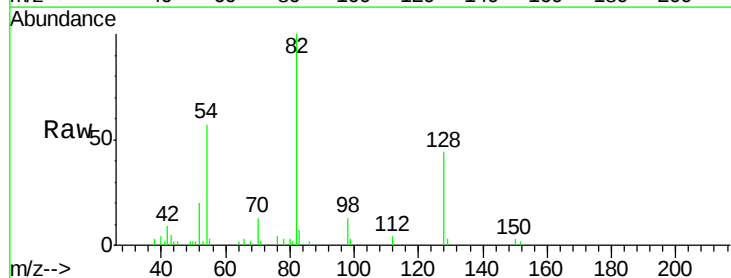


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

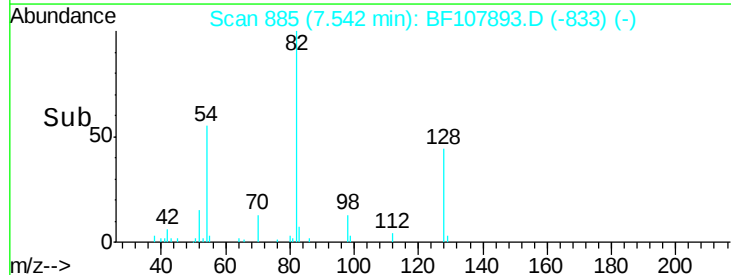
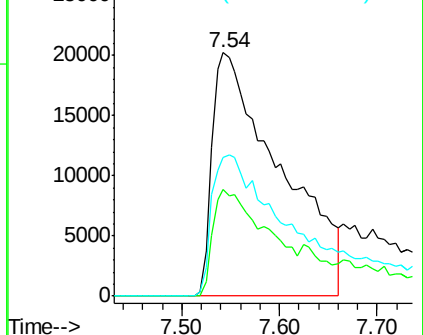


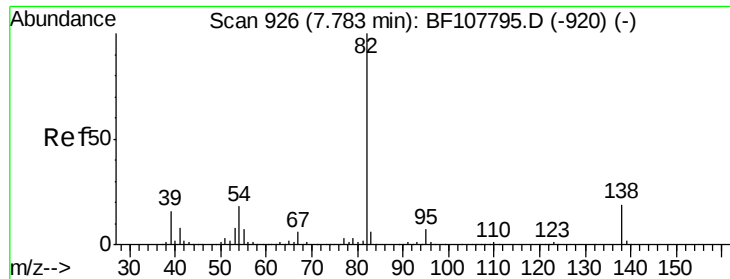
#23
Nitrobenzene-d5
Concen: 12.714 ng
RT: 7.54 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF107893.D
Acq: 1 Aug 2018 17:07

Tgt Ion:	82	Resp:	98273
Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	56.9	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





#25

Isophorone

Concen: 7.746 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.24 min

Lab File: BF107893.D

Acq: 1 Aug 2018 17:07

Instrument :

BNA_F

ClientSampleId :

OILY-STONE-CONCRETE

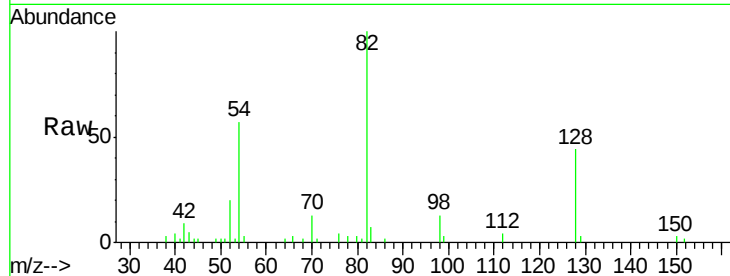
Tgt Ion: 82 Resp: 98273

Ion Ratio Lower Upper

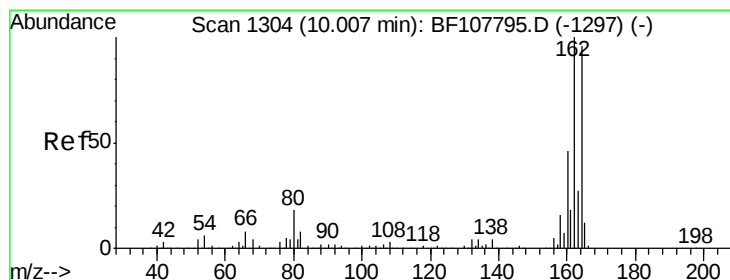
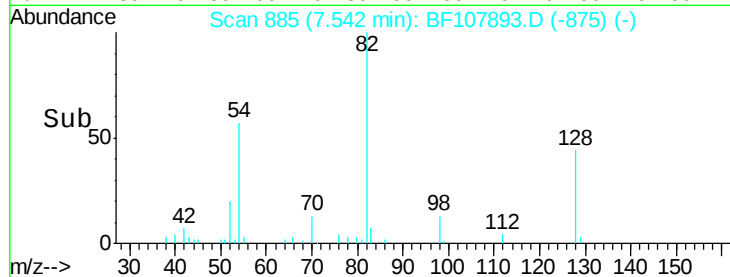
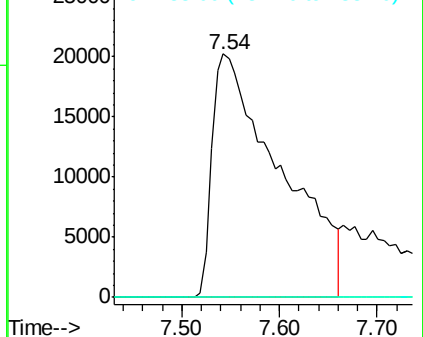
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107893.D

Acq: 1 Aug 2018 17:07

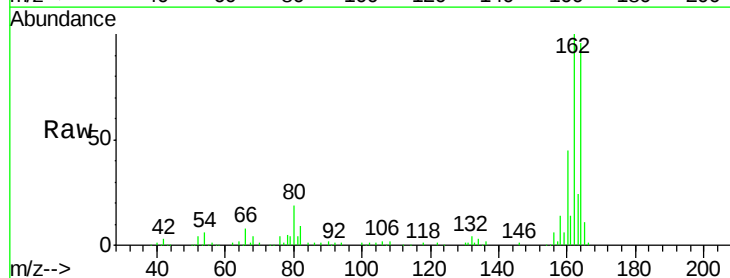
Tgt Ion: 164 Resp: 176595

Ion Ratio Lower Upper

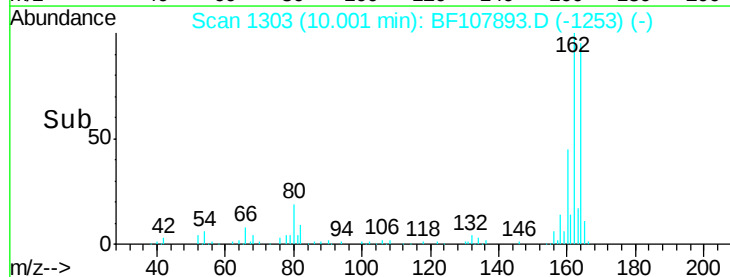
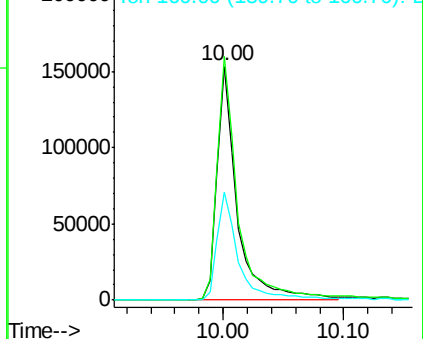
164 100

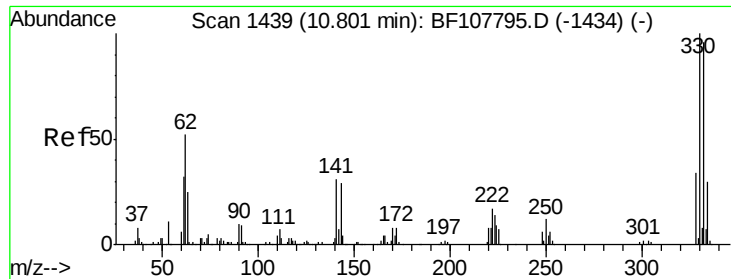
162 104.1 86.1 129.1

160 46.3 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

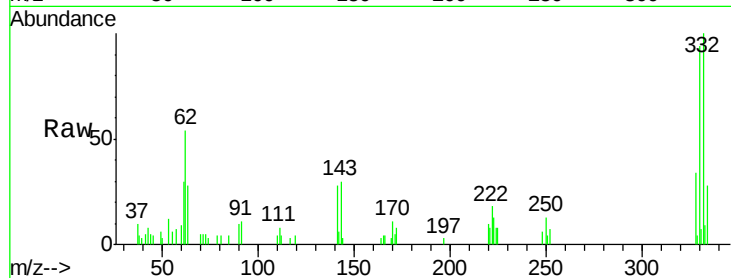




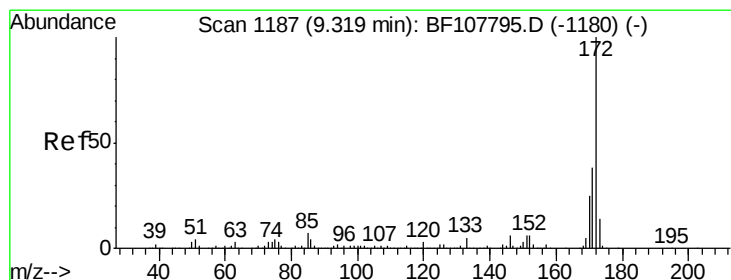
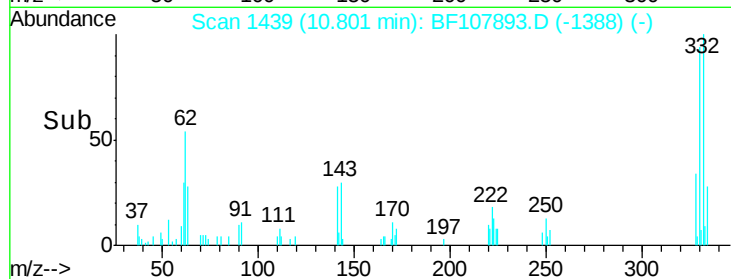
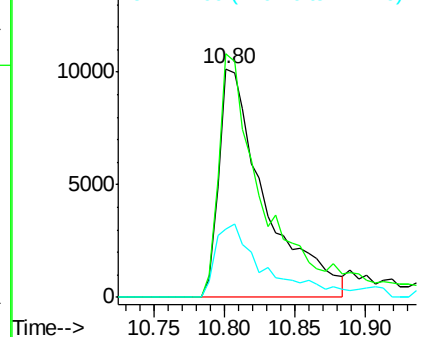
#41
 2,4,6-Tribromophenol
 Concen: 9.676 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107893.D
 Acq: 1 Aug 2018 17:07

Instrument :
 BNA_F
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 OILY-STONE-CONCRETE

Tgt Ion:330 Resp: 23219
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 34.2 29.9 44.9

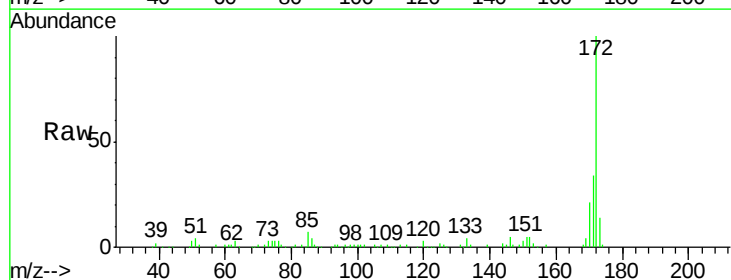


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

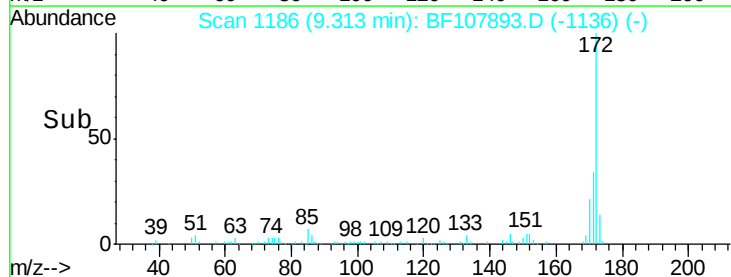
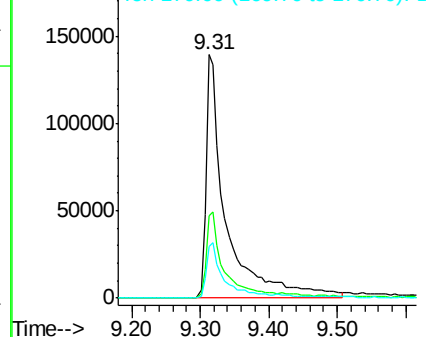


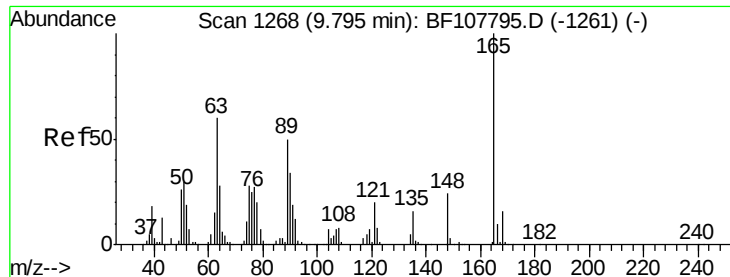
#44
 2-Fluorobiphenyl
 Concen: 22.620 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107893.D
 Acq: 1 Aug 2018 17:07

Tgt Ion:172 Resp: 286665
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.7 44.5
 170 21.3 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

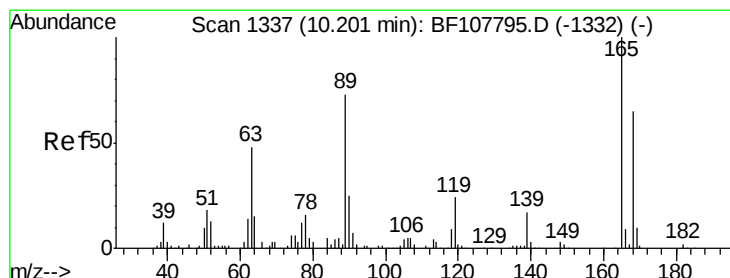
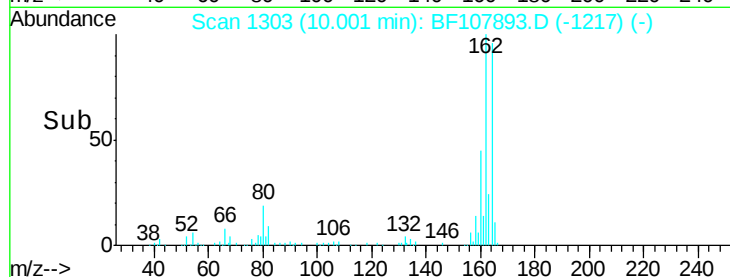
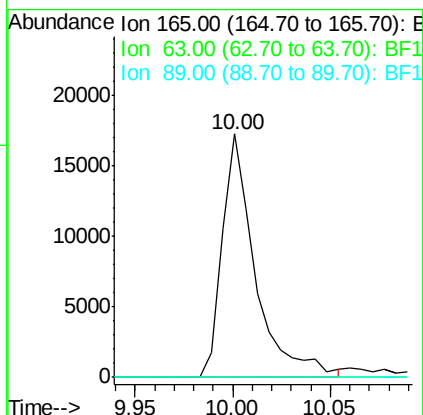
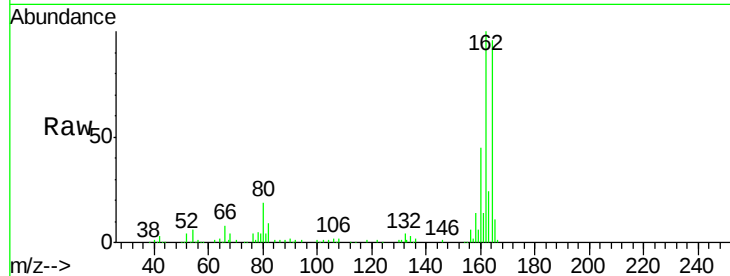




#50
 2,6-Dinitrotoluene
 Concen: 7.041 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF107893.D
 Acq: 1 Aug 2018 17:07

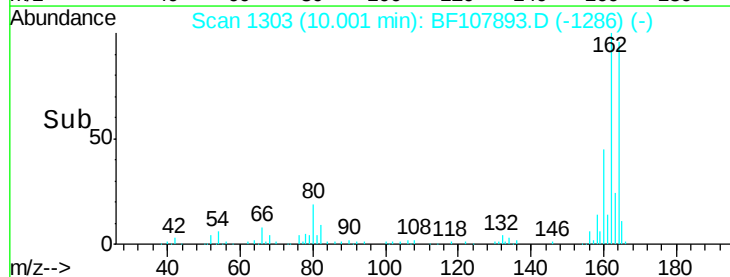
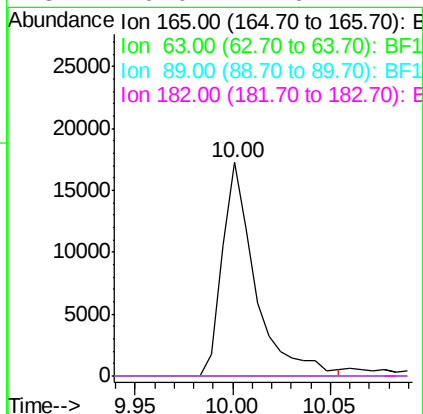
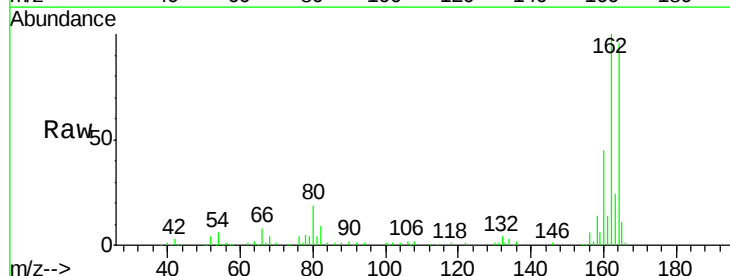
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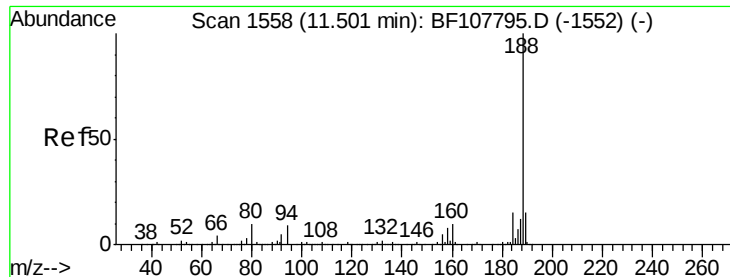
Tgt Ion:165 Resp: 20292
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.357 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF107893.D
 Acq: 1 Aug 2018 17:07

Tgt Ion:165 Resp: 20292
 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#

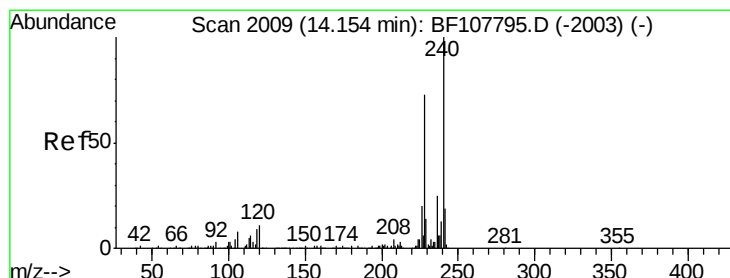
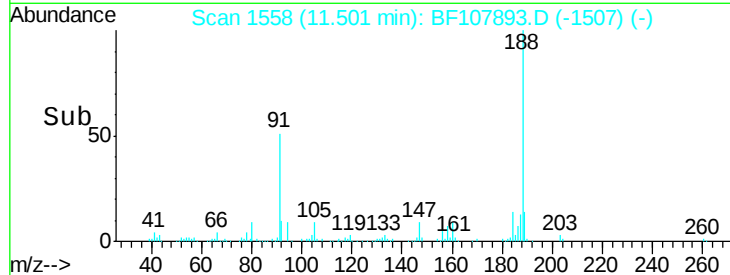
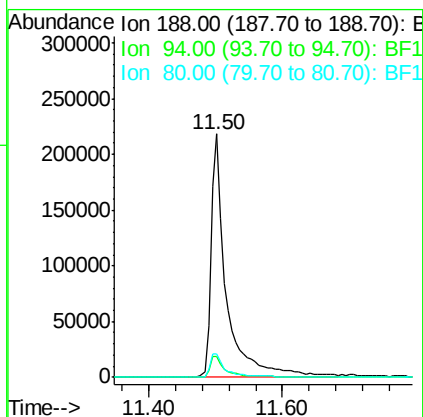
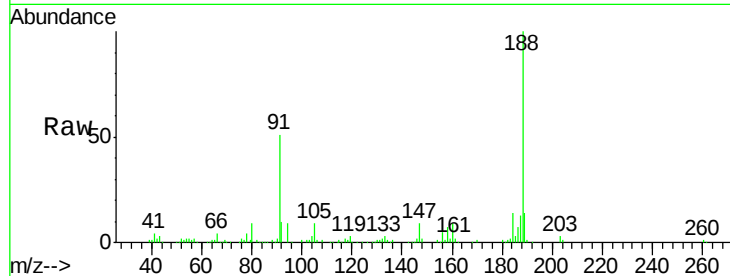




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF107893.D
Acq: 1 Aug 2018 17:07

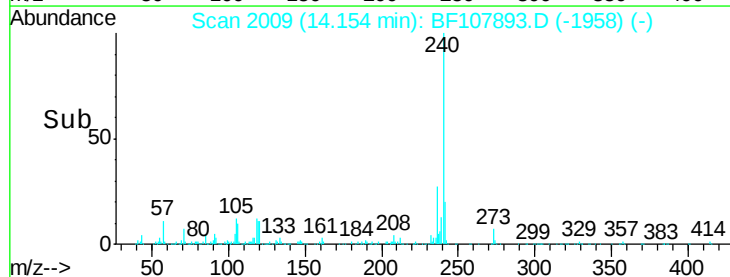
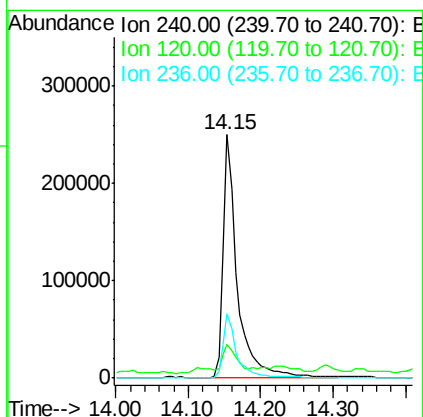
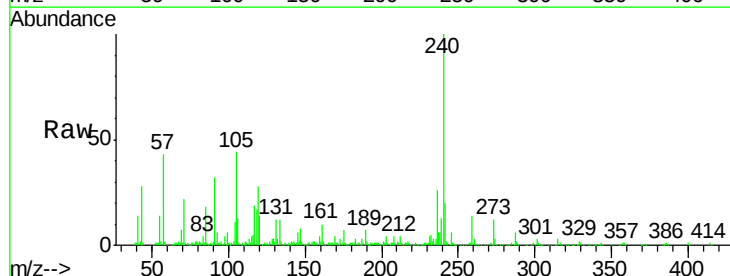
Instrument :
BNA_F
ClientSampleId :
OILY-STONE-CONCRETE

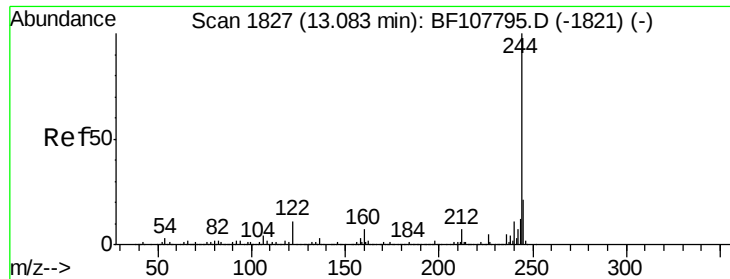
Tgt Ion:188 Resp: 354620
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 9.5 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF107893.D
Acq: 1 Aug 2018 17:07

Tgt Ion:240 Resp: 343777
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 26.4 20.7 31.1

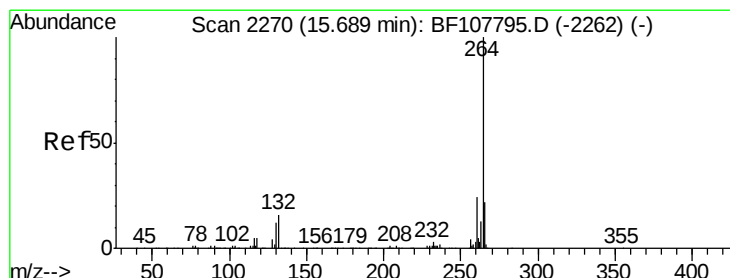
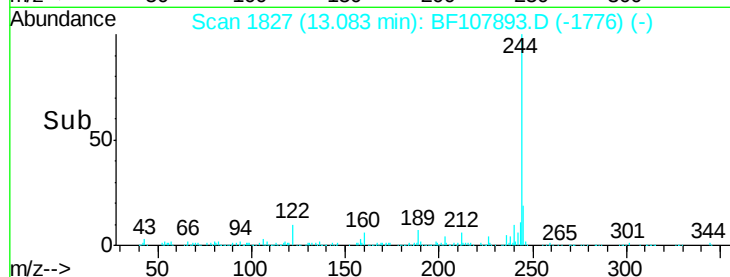
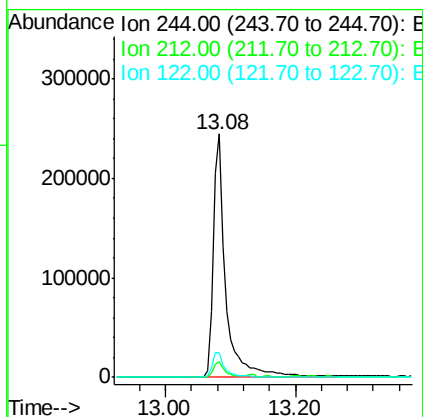
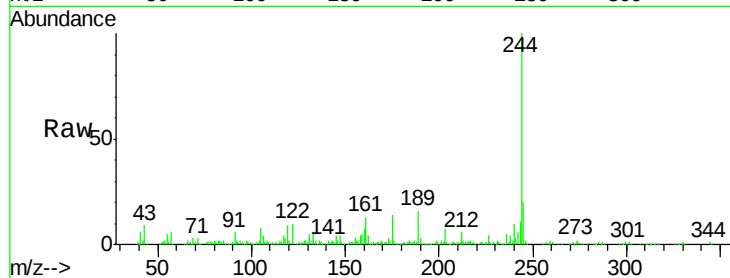




#78
 Terphenyl-d14
 Concen: 20.174 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF107893.D
 Acq: 1 Aug 2018 17:07

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONE-CONCRETE

Tgt Ion:244 Resp: 319836
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 10.4 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF107893.D
 Acq: 1 Aug 2018 17:07

Tgt Ion:264 Resp: 391873
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 22.1 17.5 26.3

