

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102307.D
 Acq On : 22 Jan 2018 18:55
 Operator : SJ/JU
 Sample : J1218-01 50X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-GRAVEL

Quant Time: Jan 23 02:14:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 13:38:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	126588	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	528955	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	240605	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	406970	20.00	ng	0.00
75) Chrysene-d12	13.87	240	312863	20.00	ng	0.00
86) Perylene-d12	15.29	264	272168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	14529	1.74	ng	0.00
7) Phenol-d6	6.35	99	21141	2.10	ng	0.00
23) Nitrobenzene-d5	7.27	82	13115	1.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	4243	1.78	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	29592	1.81	ng	-0.01
78) Terphenyl-d14	12.82	244	28509	2.05	ng	0.00

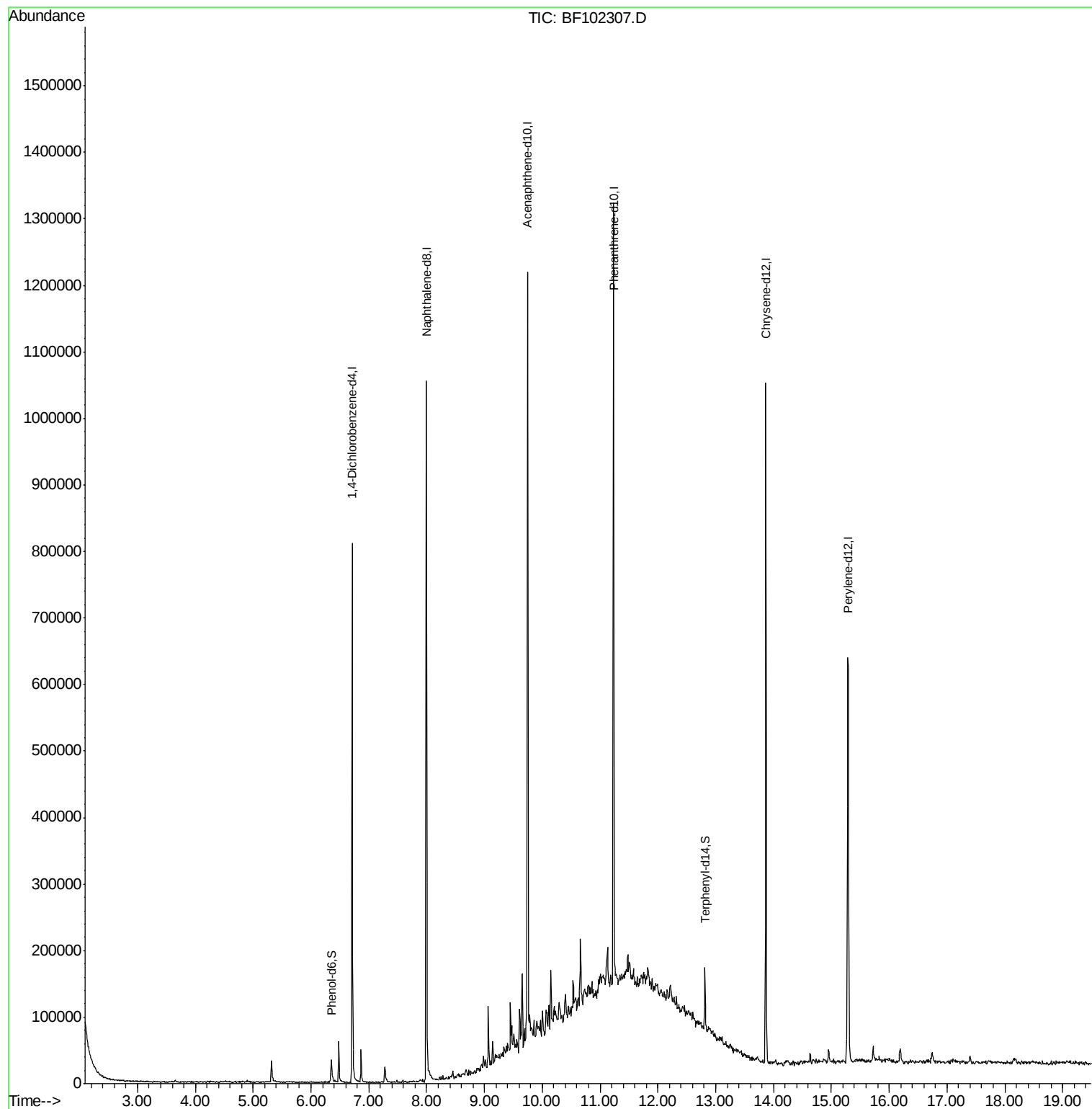
Target Compounds Qvalue

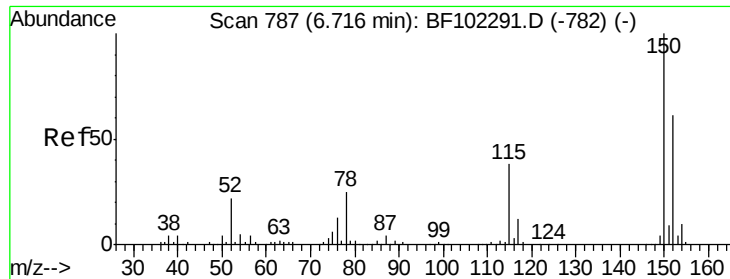
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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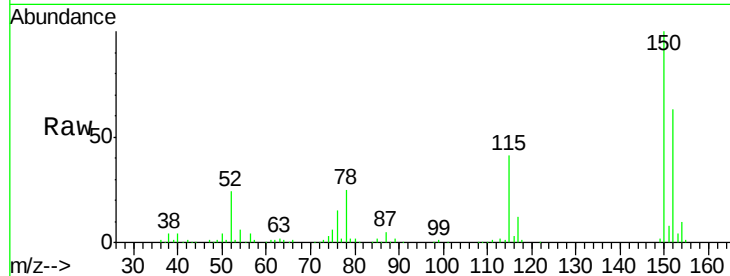


#1

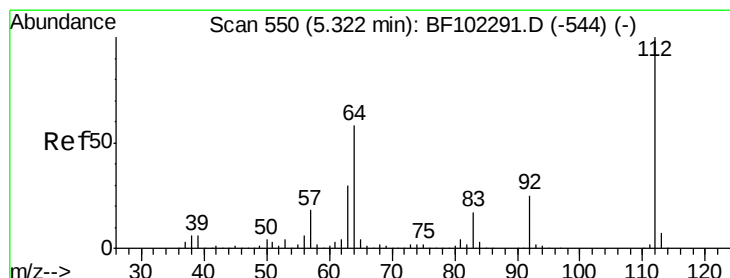
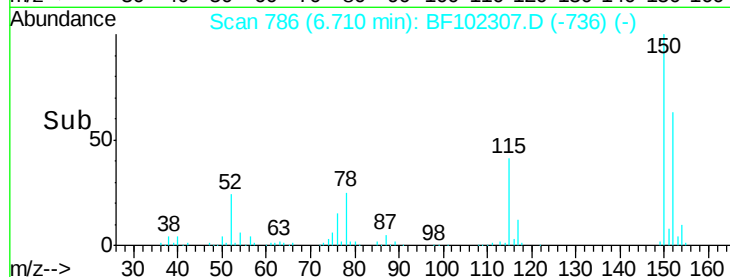
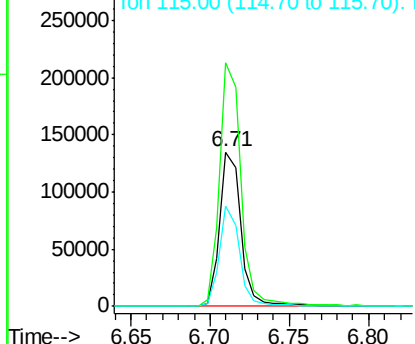
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102307.D
Acq: 22 Jan 2018 18:55

Instrument :
BNA_F
ClientSampleId :
OILY-GRAVEL

Tot Ion:152 Resp: 126588
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 65.1 50.1 75.1



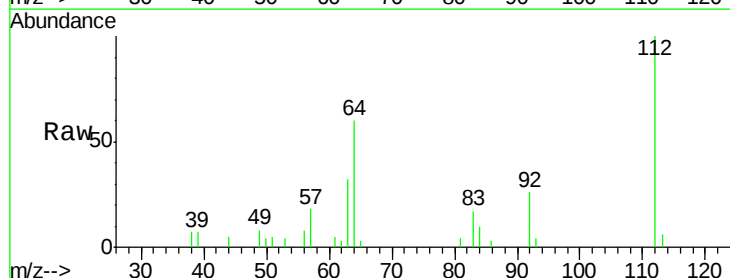
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



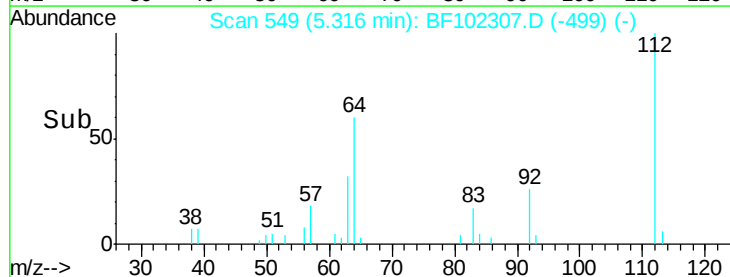
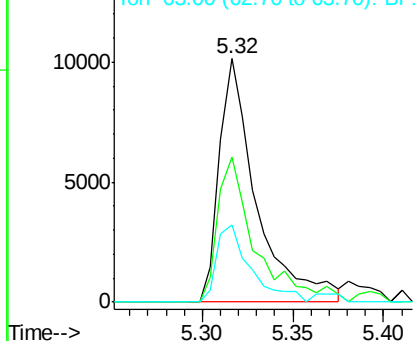
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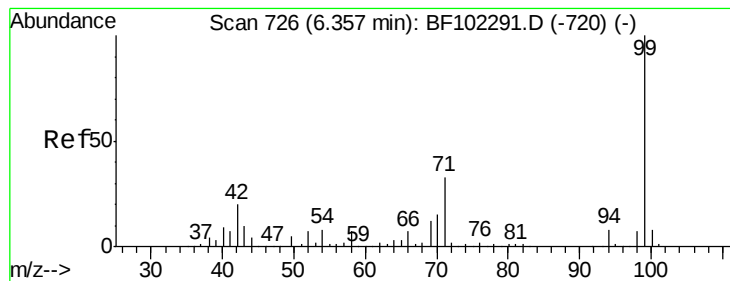
2-Fluorophenol
Concen: 1.740 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102307.D
Acq: 22 Jan 2018 18:55

Tgt Ion:112 Resp: 14529
Ion Ratio Lower Upper
112 100
64 59.6 47.9 71.9
63 31.9 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: 2.100 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102307.D

Acq: 22 Jan 2018 18:55

Instrument :

BNA_F

ClientSampleId :

OILY-GRAVEL

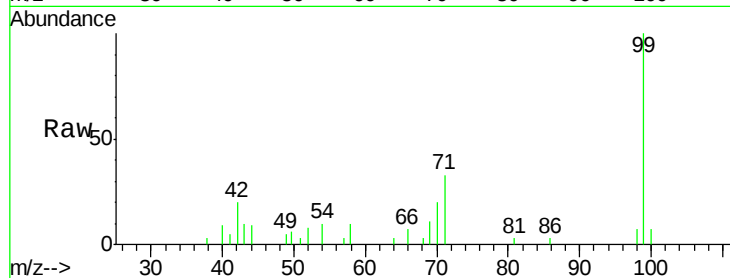
Tot Ion: 99 Resp: 21141

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

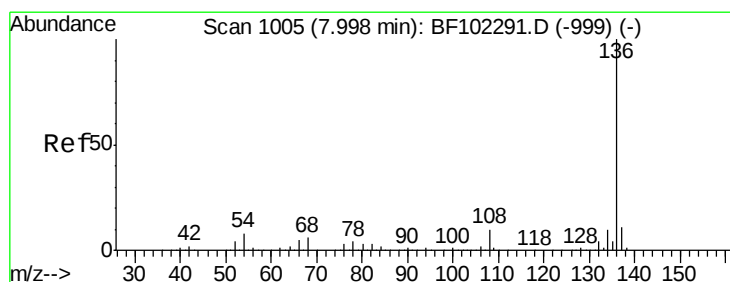
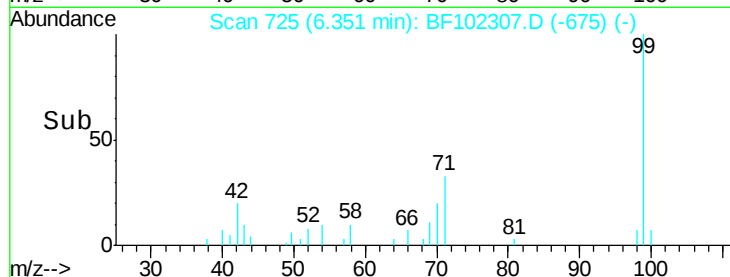
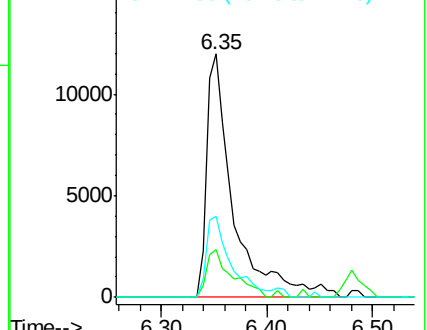
71 33.5 25.4 38.0



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: BF102307.D

Acq: 22 Jan 2018 18:55

Tgt Ion: 136 Resp: 528955

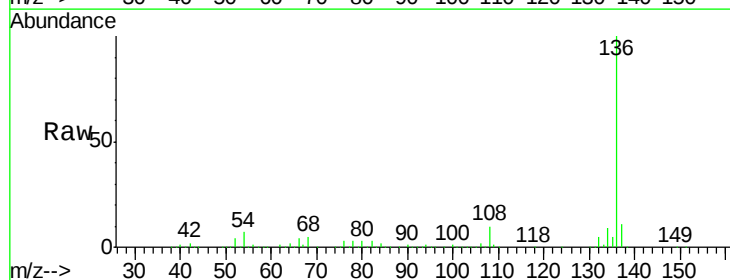
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.3 6.6 9.8

68 4.9 5.0 7.4#

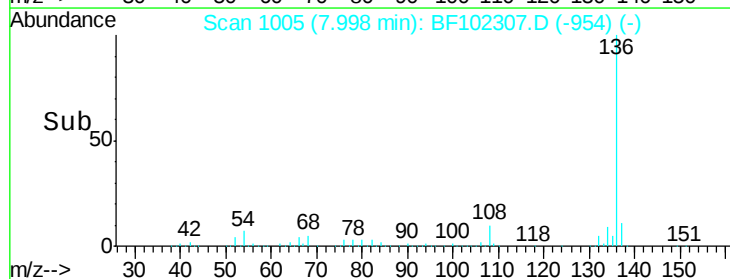
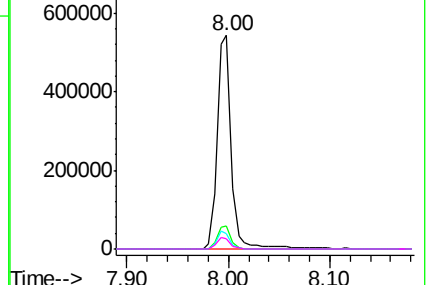


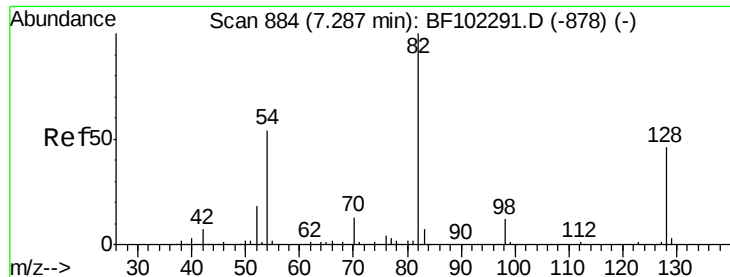
Abundance Ion 136.00 (135.70 to 136.70): E

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

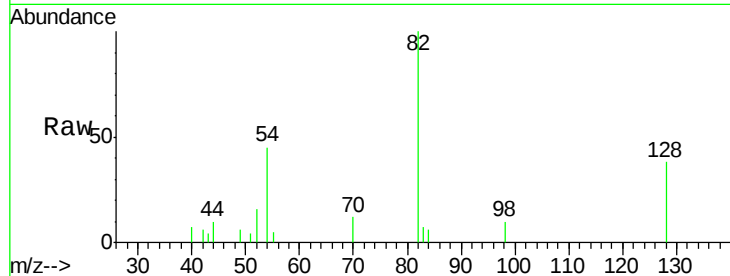




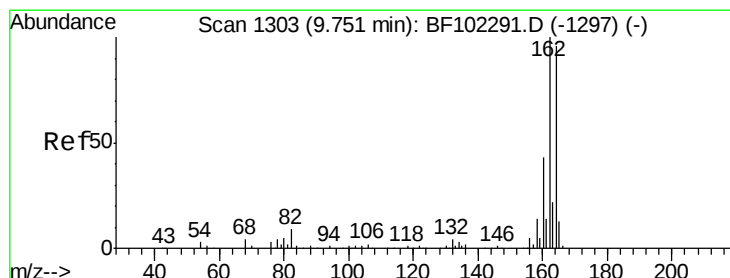
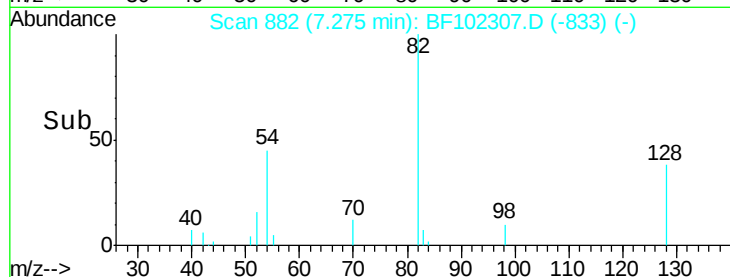
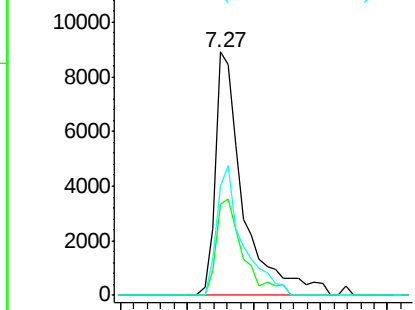
#23
 Nitrobenzene-d5
 Concen: 1.425 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF102307.D
 Acq: 22 Jan 2018 18:55

Instrument :
 BNA_F
 ClientSampleId :
 OILY-GRAVEL

Tot Ion: 82 Resp: 13115
 Ion Ratio Lower Upper
 82 100
 128 37.6 36.1 54.1
 54 45.0 41.4 62.2

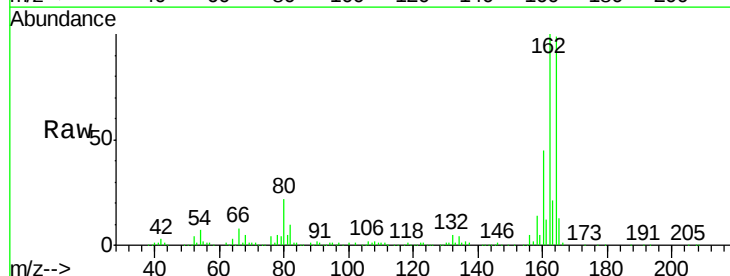


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

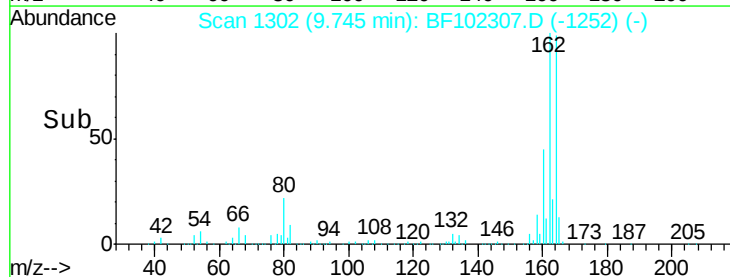
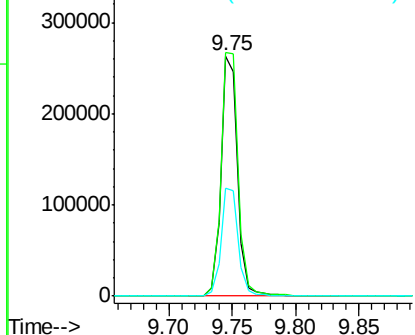


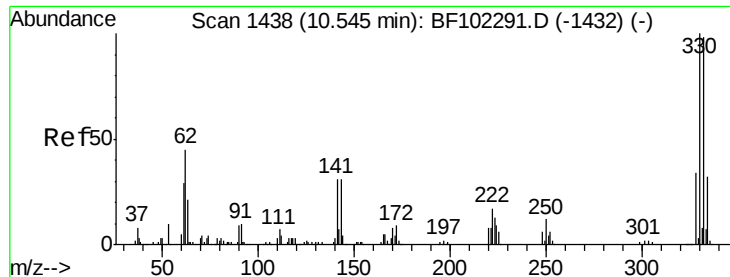
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102307.D
 Acq: 22 Jan 2018 18:55

Tgt Ion: 164 Resp: 240605
 Ion Ratio Lower Upper
 164 100
 162 101.5 86.1 129.1
 160 45.3 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

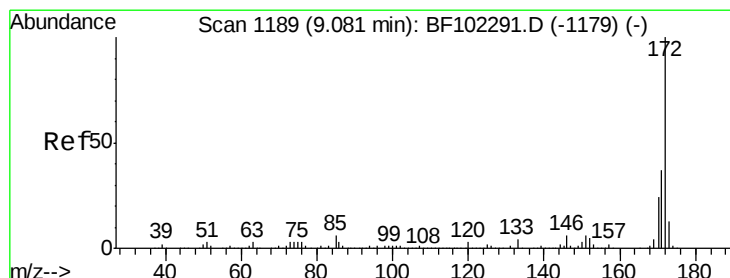
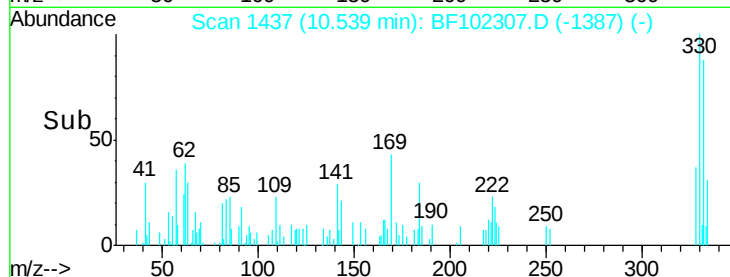
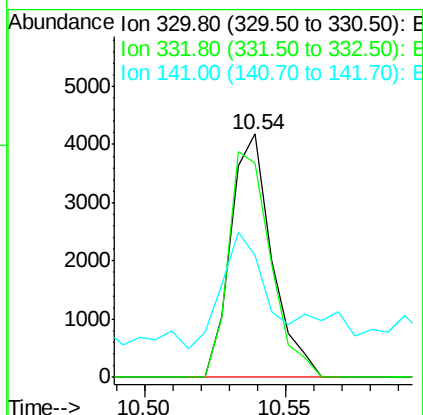
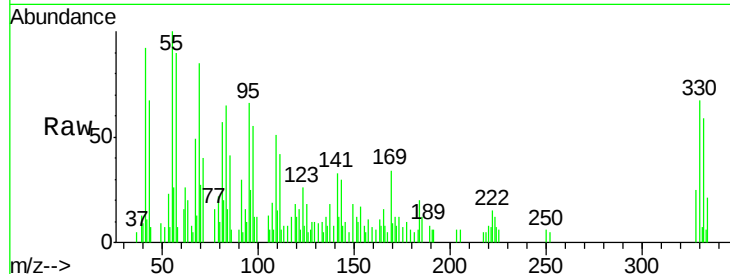




#41
 2,4,6-Tribromophenol
 Concen: 1.780 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102307.D
 Acq: 22 Jan 2018 18:55

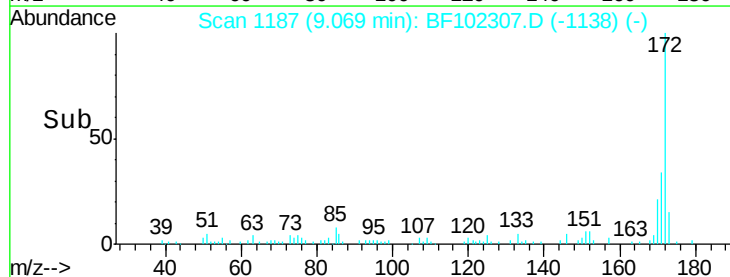
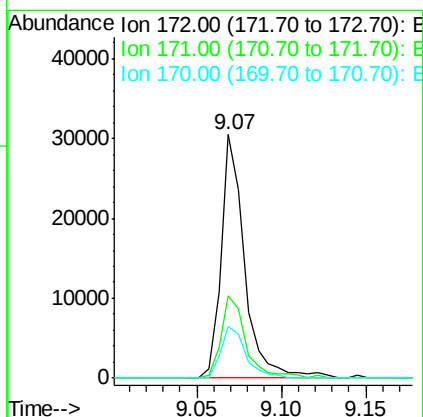
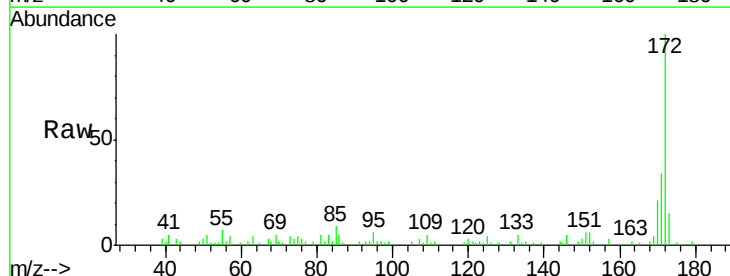
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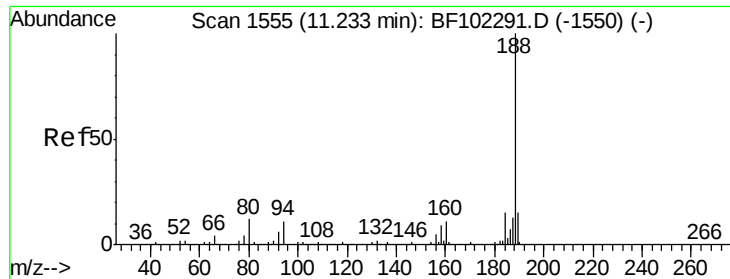
Tot Ion:330 Resp: 4243
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 50.1 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 1.808 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102307.D
 Acq: 22 Jan 2018 18:55

Tgt Ion:172 Resp: 29592
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.7 44.5
 170 21.2 19.6 29.4

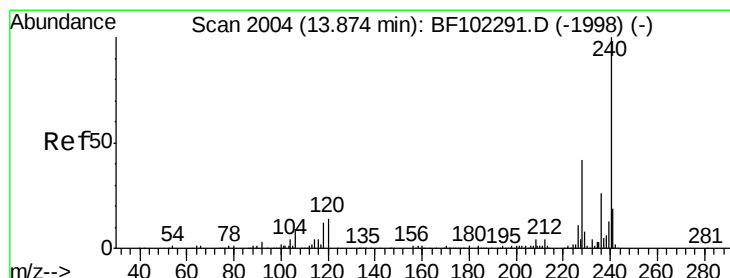
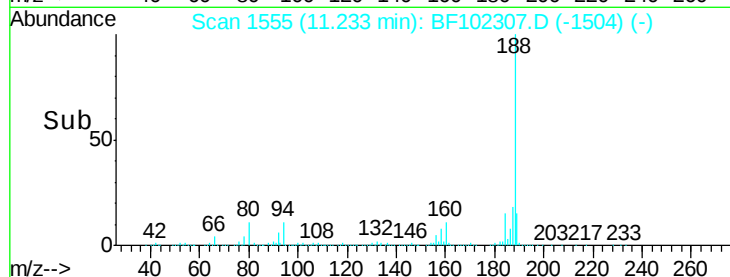
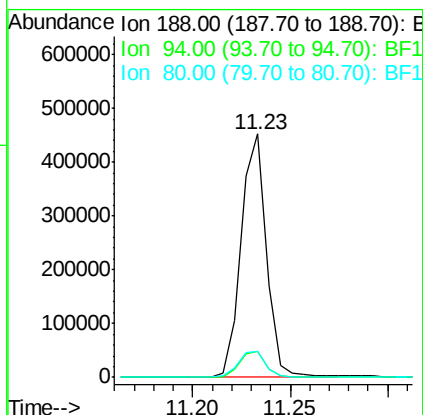
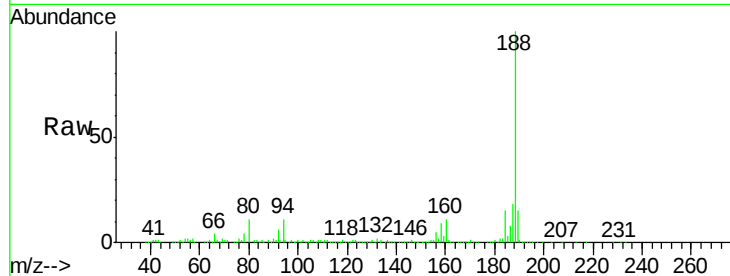




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102307.D
Acq: 22 Jan 2018 18:55

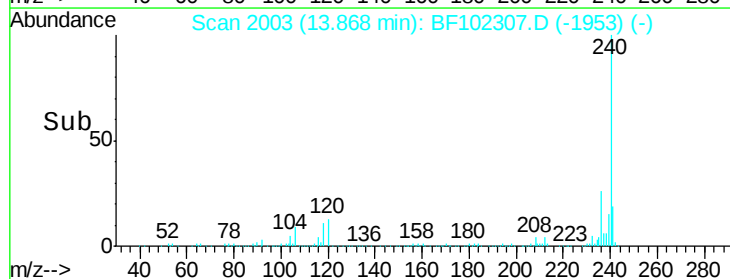
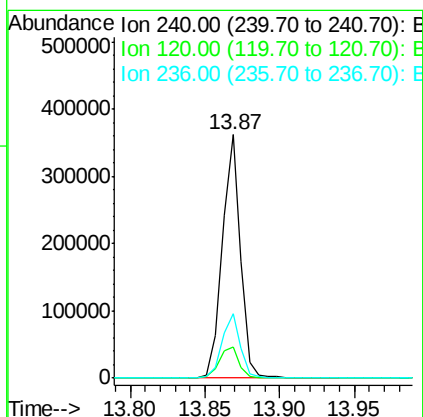
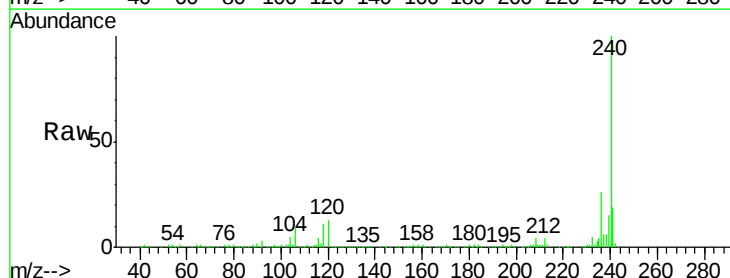
Instrument :
BNA_F
ClientSampleId :
OILY-GRAVEL

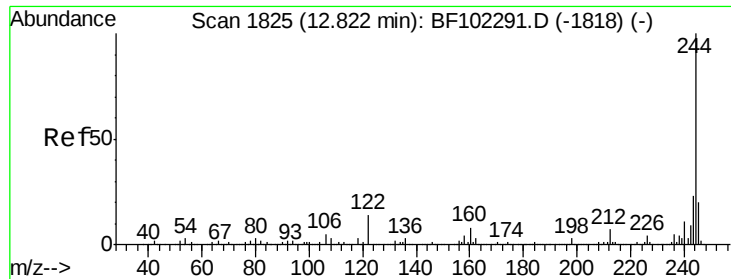
Tot Ion:188 Resp: 406970
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 10.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102307.D
Acq: 22 Jan 2018 18:55

Tgt Ion:240 Resp: 312863
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 26.3 20.7 31.1

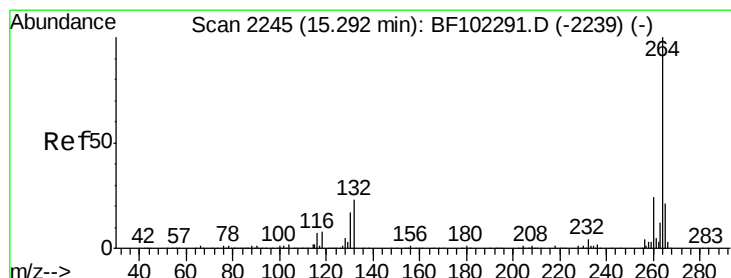
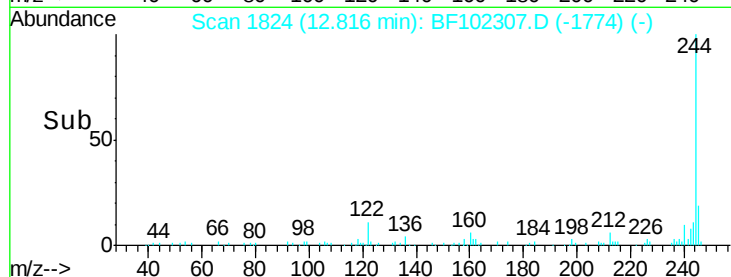
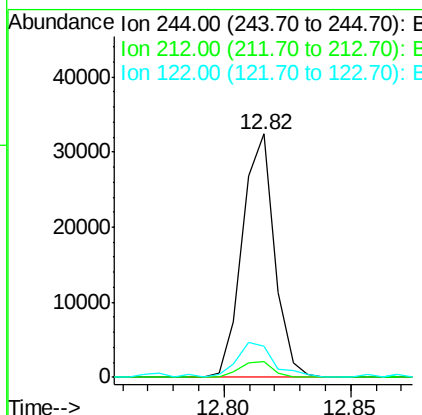
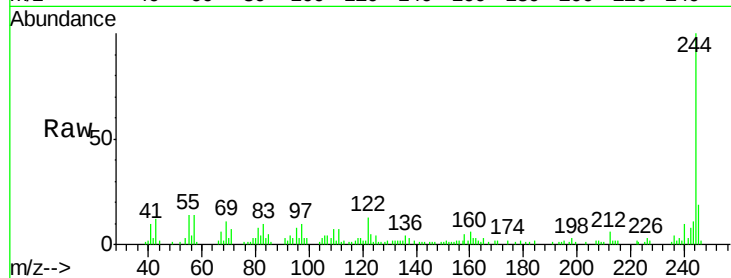




#78
 Terphenyl-d14
 Concen: 2.054 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF102307.D
 Acq: 22 Jan 2018 18:55

Instrument :
 BNA_F
 ClientSampleId :
 OILY-GRAVEL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.6	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF102307.D
 Acq: 22 Jan 2018 18:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3

