

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102174.D
 Acq On : 18 Jan 2018 3:16
 Operator : SJ/JU
 Sample : J1151-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OIL-GRAVEL

Quant Time: Jan 18 04:46:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	163620	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	656701	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	274977	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	435070	20.00	ng	0.00
75) Chrysene-d12	13.86	240	268819	20.00	ng	-0.01
86) Perylene-d12	15.28	264	228989	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1364082	117.72	ng	0.03
7) Phenol-d6	6.36	99	1482062	107.20	ng	0.00
23) Nitrobenzene-d5	7.29	82	1141961	102.19	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	371930	154.99	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1960826	111.40	ng	0.00
78) Terphenyl-d14	12.82	244	1365976	105.50	ng	0.00

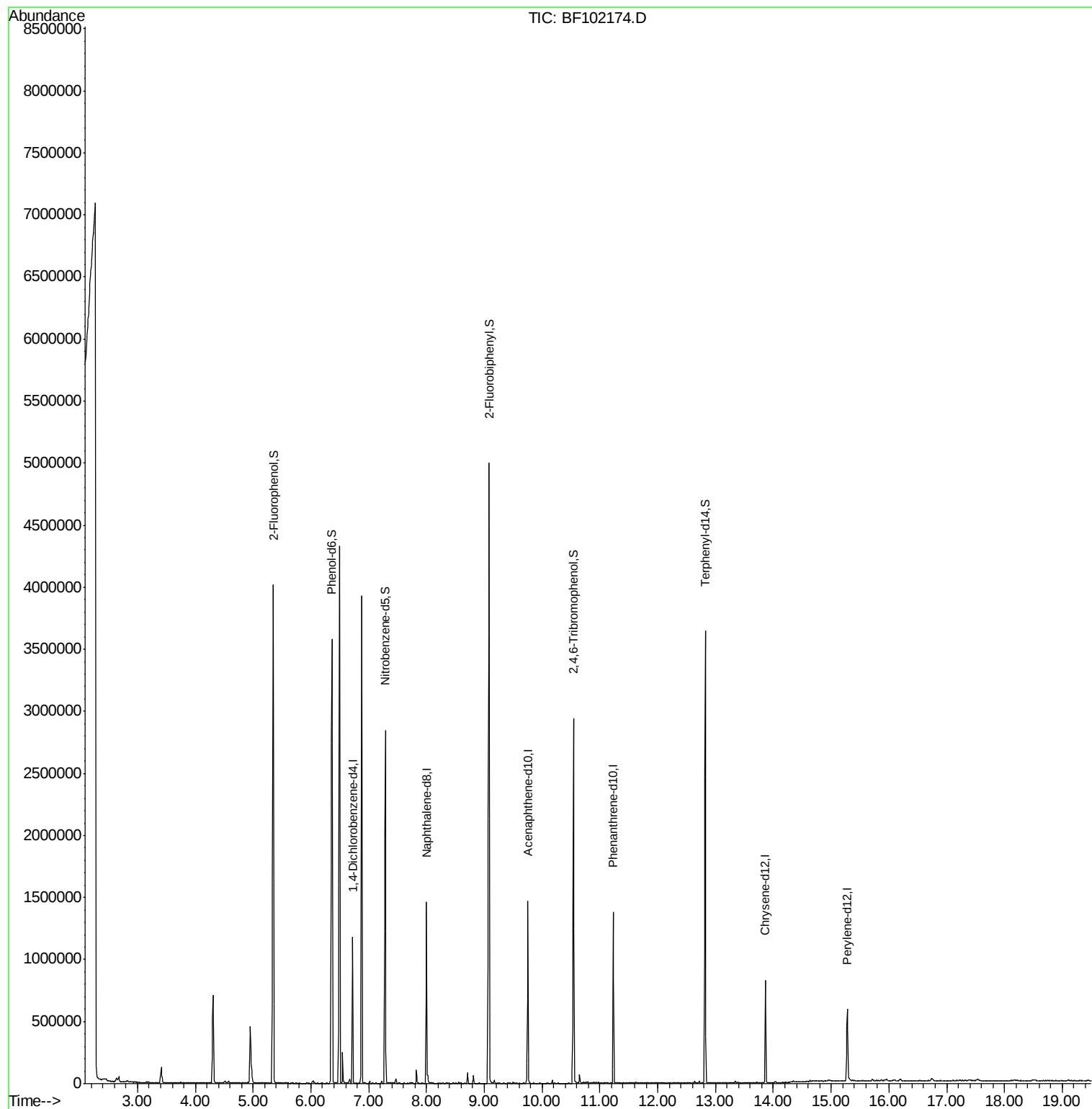
Target Compounds Qvalue

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

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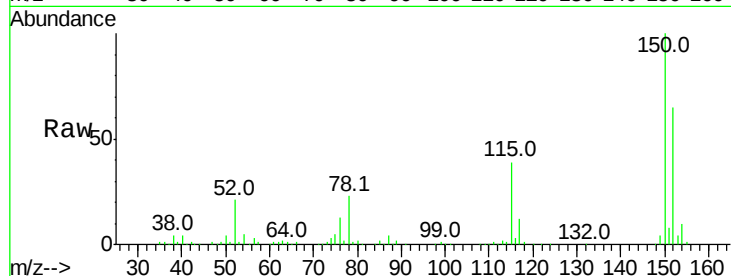


#1

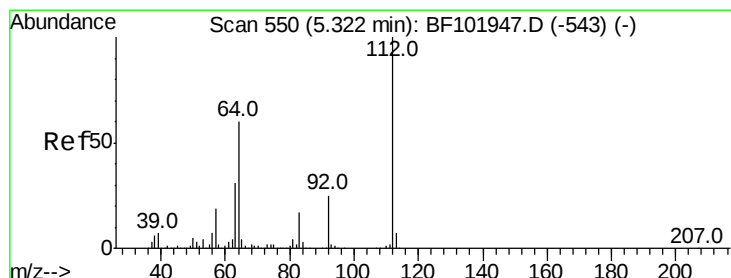
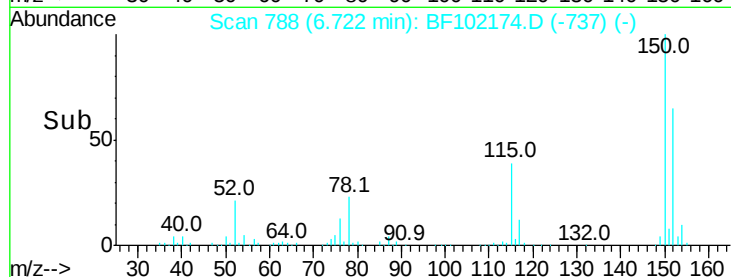
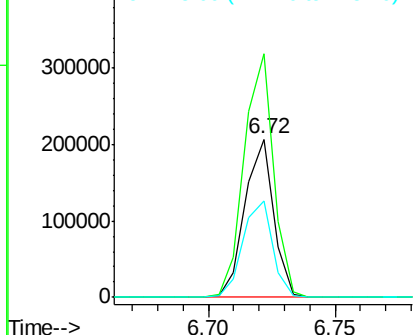
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102174.D
Acq: 18 Jan 2018 3:16

Instrument :
BNA_F
ClientSampleId :
OIL-GRAVEL

Tot Ion:152 Resp: 163620
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 60.8 50.1 75.1



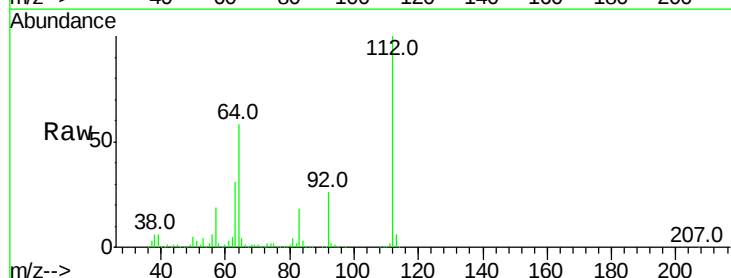
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



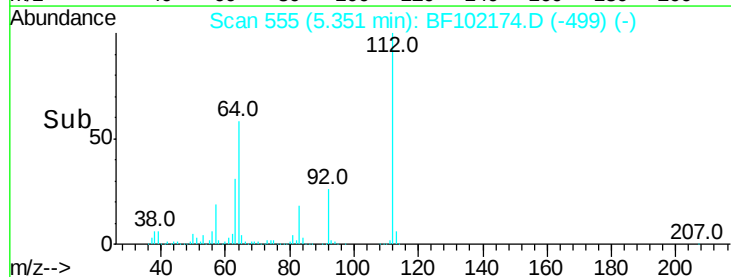
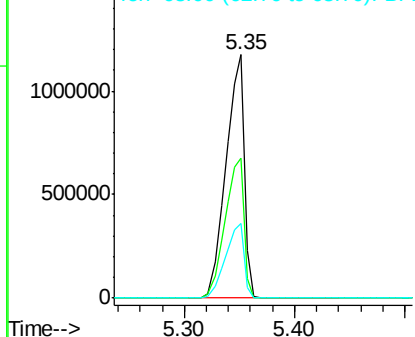
#5

2-Fluorophenol
Concen: 117.724 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.03 min
Lab File: BF102174.D
Acq: 18 Jan 2018 3:16

Tgt Ion:112 Resp: 1364082
Ion Ratio Lower Upper
112 100
64 57.6 47.9 71.9
63 30.6 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: 107.204 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102174.D

Acq: 18 Jan 2018 3:16

Instrument :

BNA_F

ClientSampleId :

OIL-GRAVEL

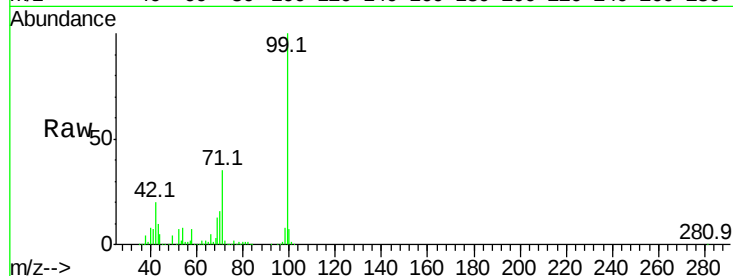
Tot Ion: 99 Resp: 1482062

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

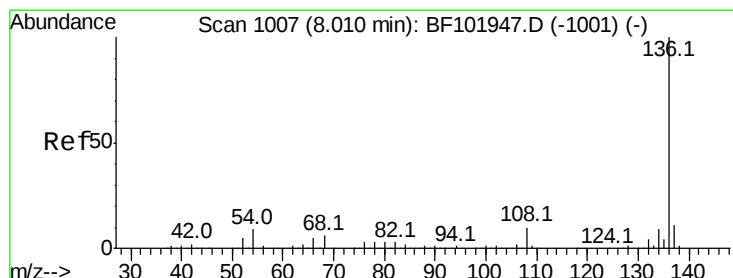
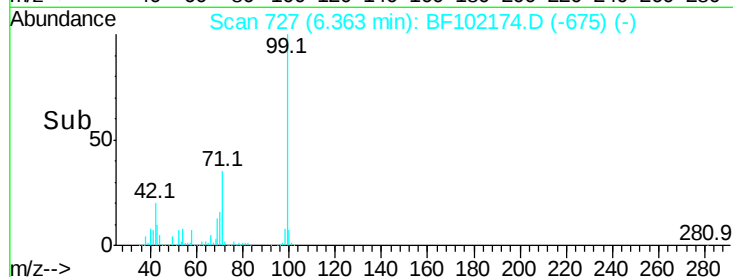
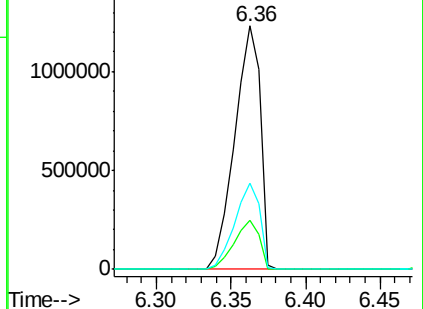
71 35.4 25.4 38.0



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. -0.01 min

Lab File: BF102174.D

Acq: 18 Jan 2018 3:16

Tgt Ion: 136 Resp: 656701

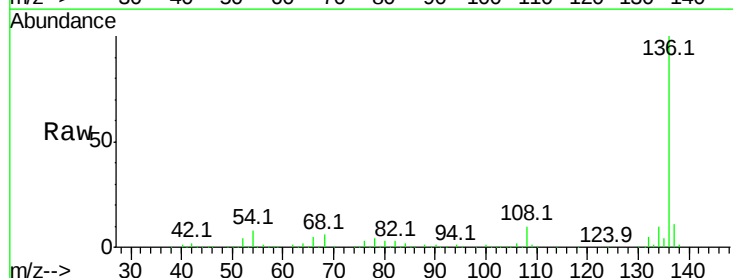
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.2 6.6 9.8

68 5.6 5.0 7.4

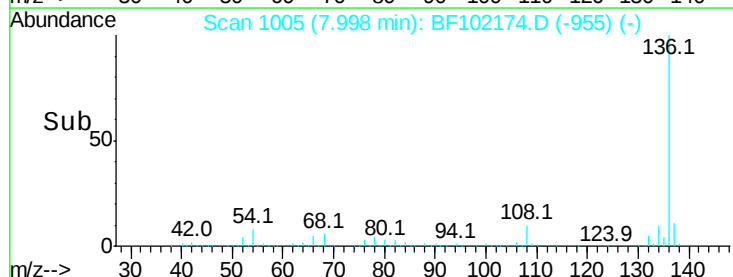
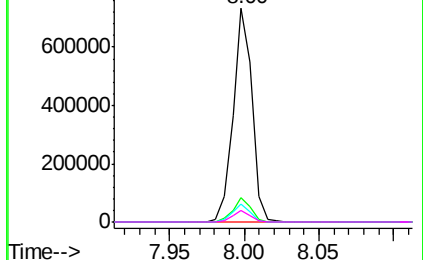


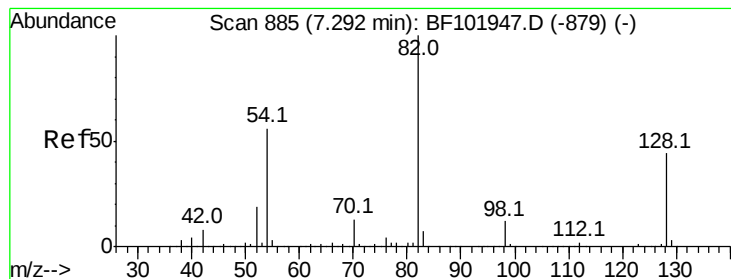
Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.187 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF102174.D

Acq: 18 Jan 2018 3:16

Instrument :

BNA_F

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OIL-GRAVEL

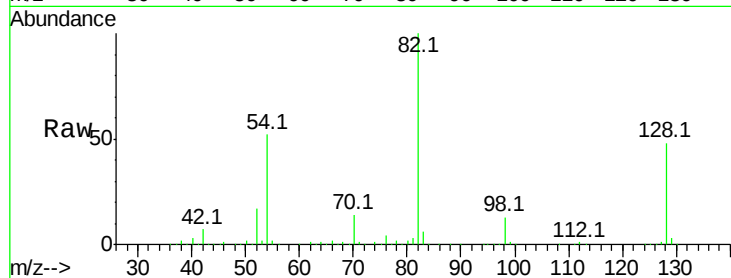
Tot Ion: 82 Resp: 1141961

Ion Ratio Lower Upper

82 100

128 48.4 36.1 54.1

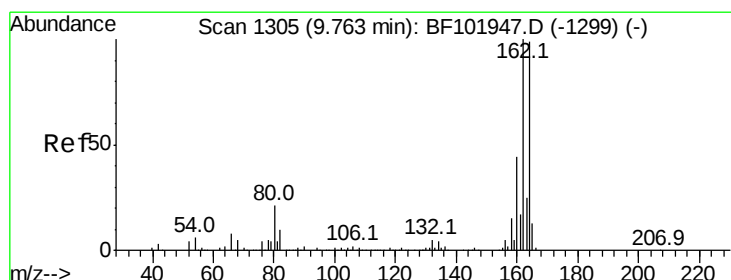
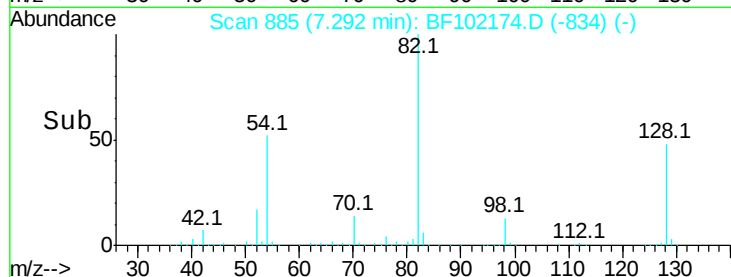
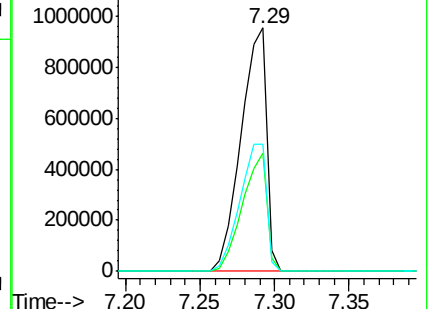
54 52.1 41.4 62.2



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: BF102174.D

Acq: 18 Jan 2018 3:16

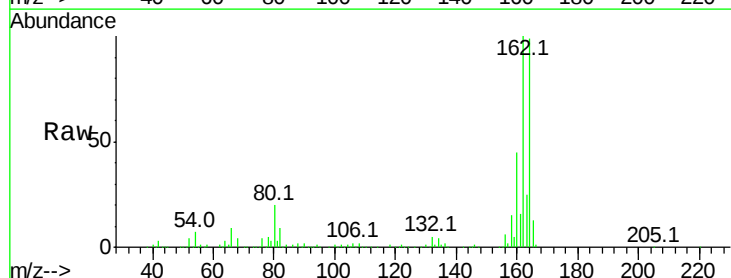
Tgt Ion:164 Resp: 274977

Ion Ratio Lower Upper

164 100

162 101.4 86.1 129.1

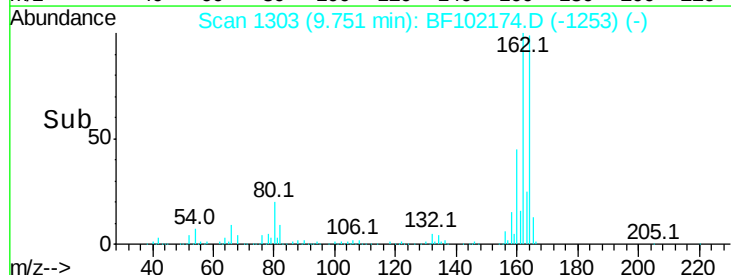
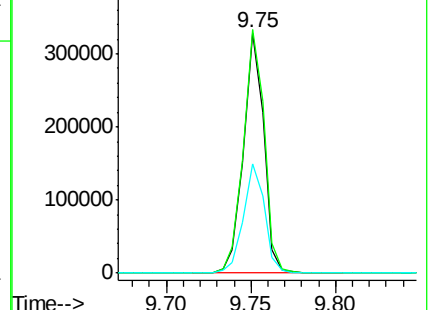
160 45.5 38.3 57.5

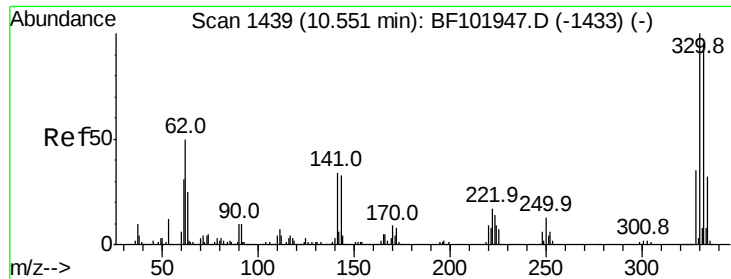


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

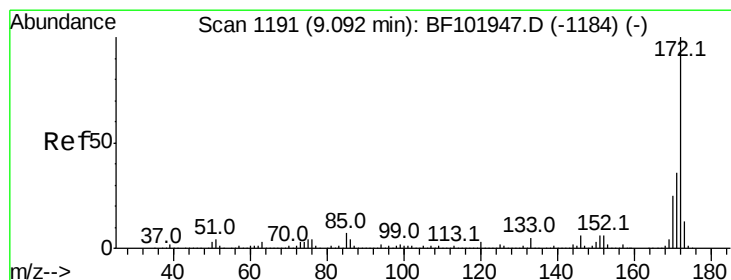
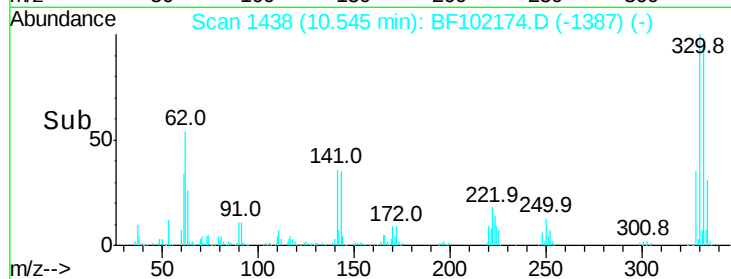
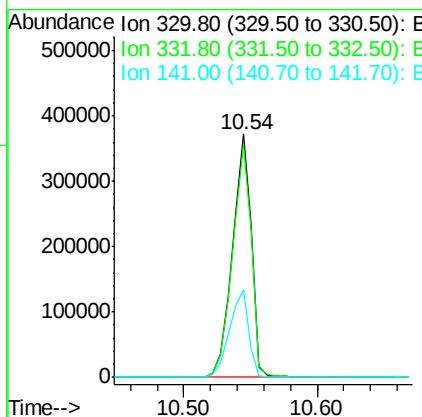
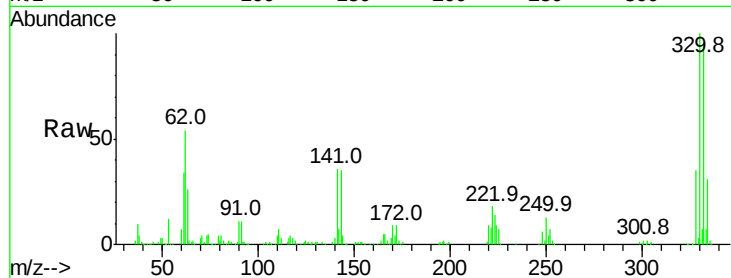




#41
 2,4,6-Tribromophenol
 Concen: 154.991 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102174.D
 Acq: 18 Jan 2018 3:16

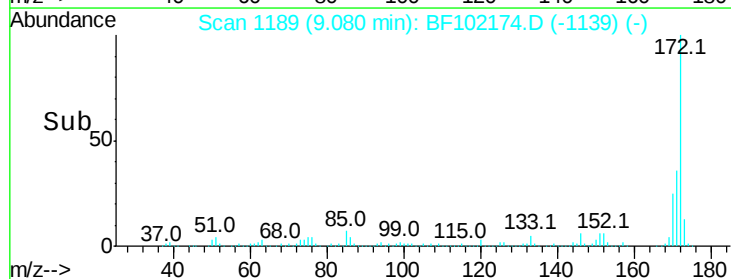
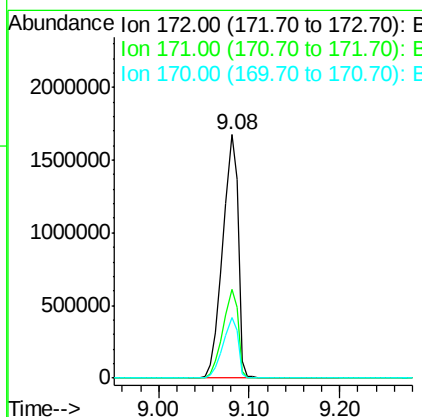
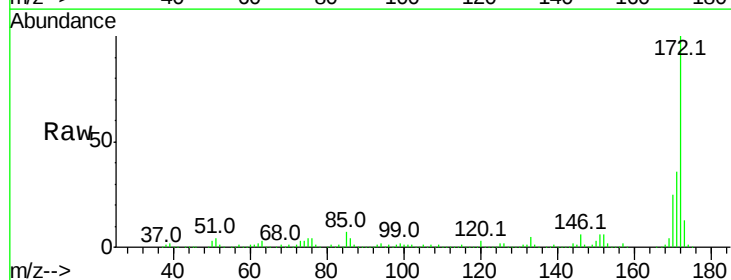
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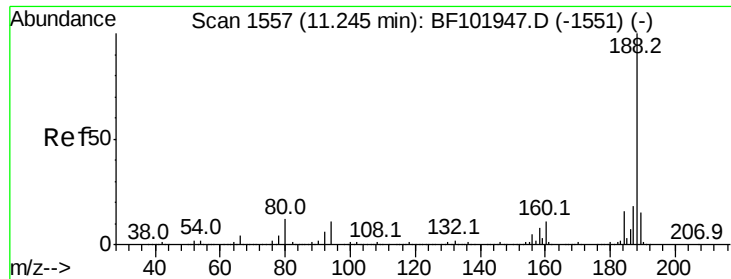
Tot Ion:330 Resp: 371930
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 36.8 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 111.404 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102174.D
 Acq: 18 Jan 2018 3:16

Tgt Ion:172 Resp: 1960826
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.6 19.6 29.4

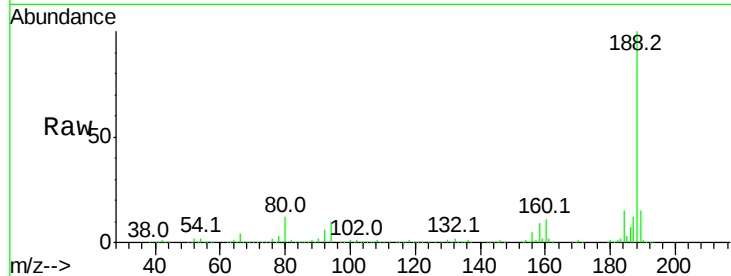




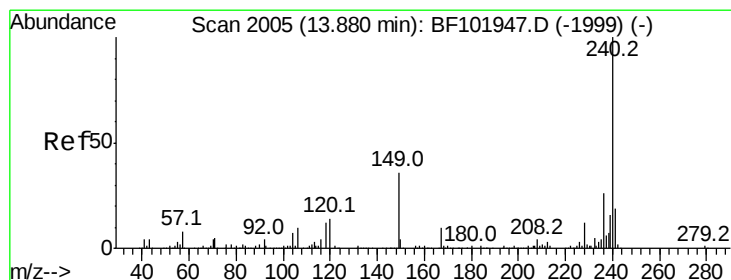
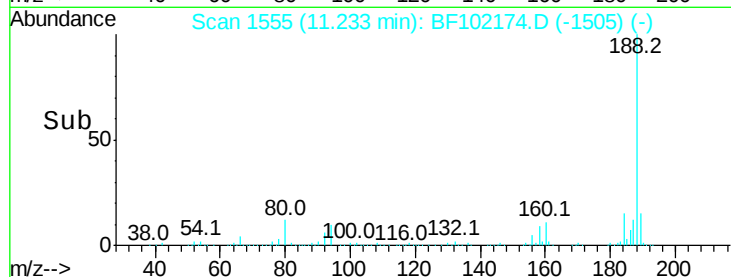
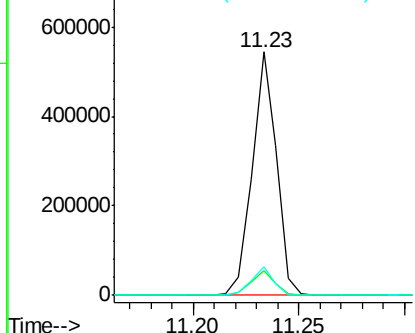
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102174.D
Acq: 18 Jan 2018 3:16

Instrument :
BNA_F
ClientSampleId :
OIL-GRAVEL

Tot Ion:188 Resp: 435070
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.6 9.2 13.8

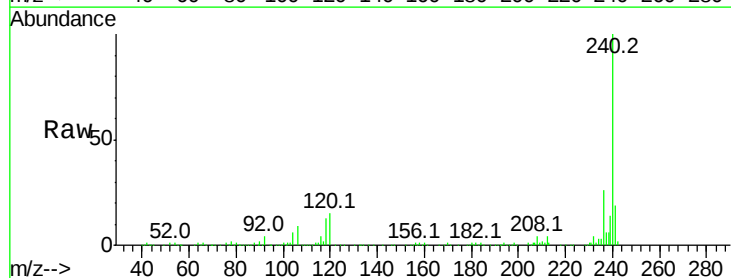


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

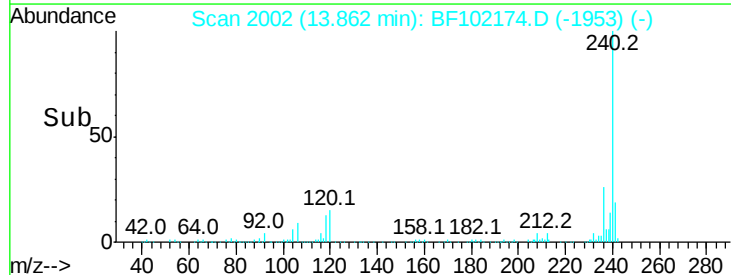
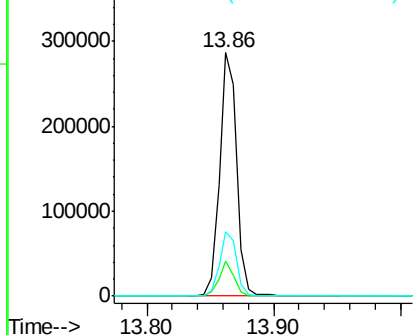


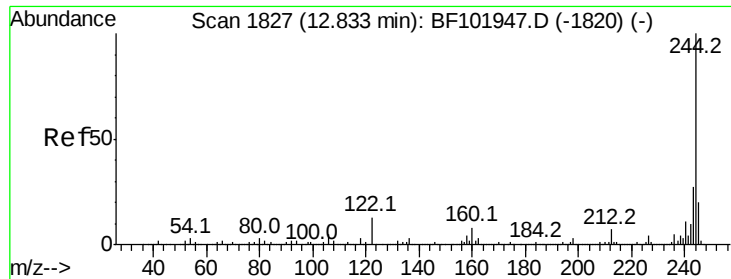
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102174.D
Acq: 18 Jan 2018 3:16

Tgt Ion:240 Resp: 268819
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 26.5 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

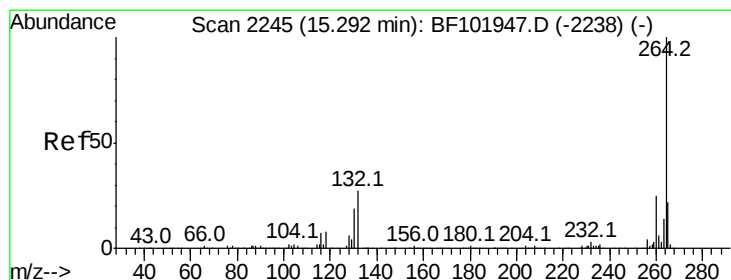
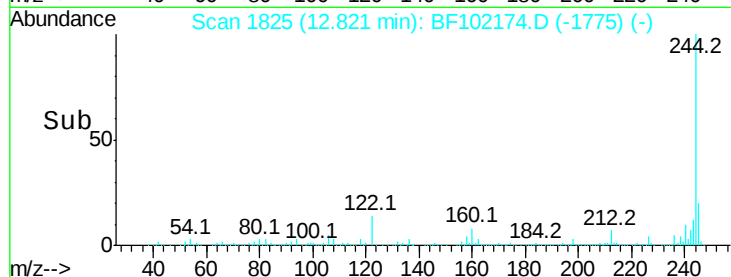
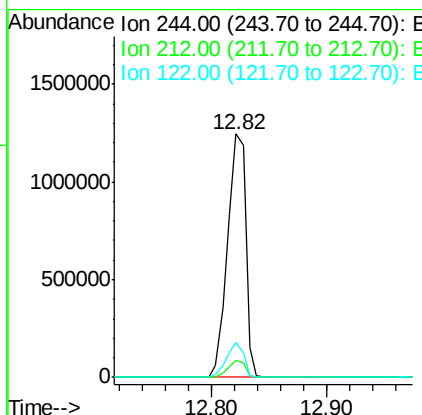
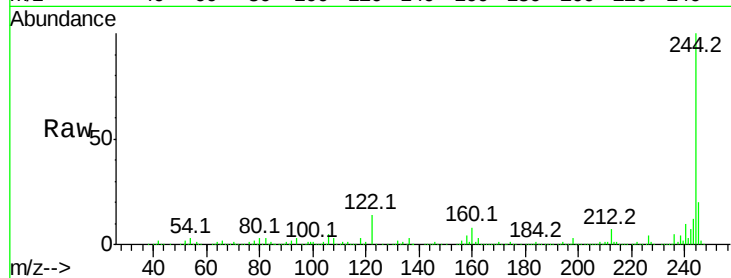




#78
 Terphenyl-d14
 Concen: 105.503 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102174.D
 Acq: 18 Jan 2018 3:16

Instrument :
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 ClientSampleId :
 OIL-GRAVEL

Tot Ion:244 Resp: 1365976
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 14.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102174.D
 Acq: 18 Jan 2018 3:16

Tgt Ion:264 Resp: 228989
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 21.1 17.5 26.3

