

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030618\
 Data File : BF103472.D
 Acq On : 6 Mar 2018 22:48
 Operator : SJ/JU
 Sample : J1736-01 100X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONE

Quant Time: Mar 07 12:08:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 11:52:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	110117	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	470438	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	191542	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	291772	20.00	ng	0.00
75) Chrysene-d12	14.06	240	216560	20.00	ng	0.00
86) Perylene-d12	15.58	264	162332	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	354	0.05	ng	0.09
7) Phenol-d6	6.61	99	4524	0.51	ng	0.09
23) Nitrobenzene-d5	7.49	82	5165	0.63	ng	0.04
41) 2,4,6-Tribromophenol	10.73	330	564	0.35	ng	0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.99	244	9575	1.06	ng	0.00

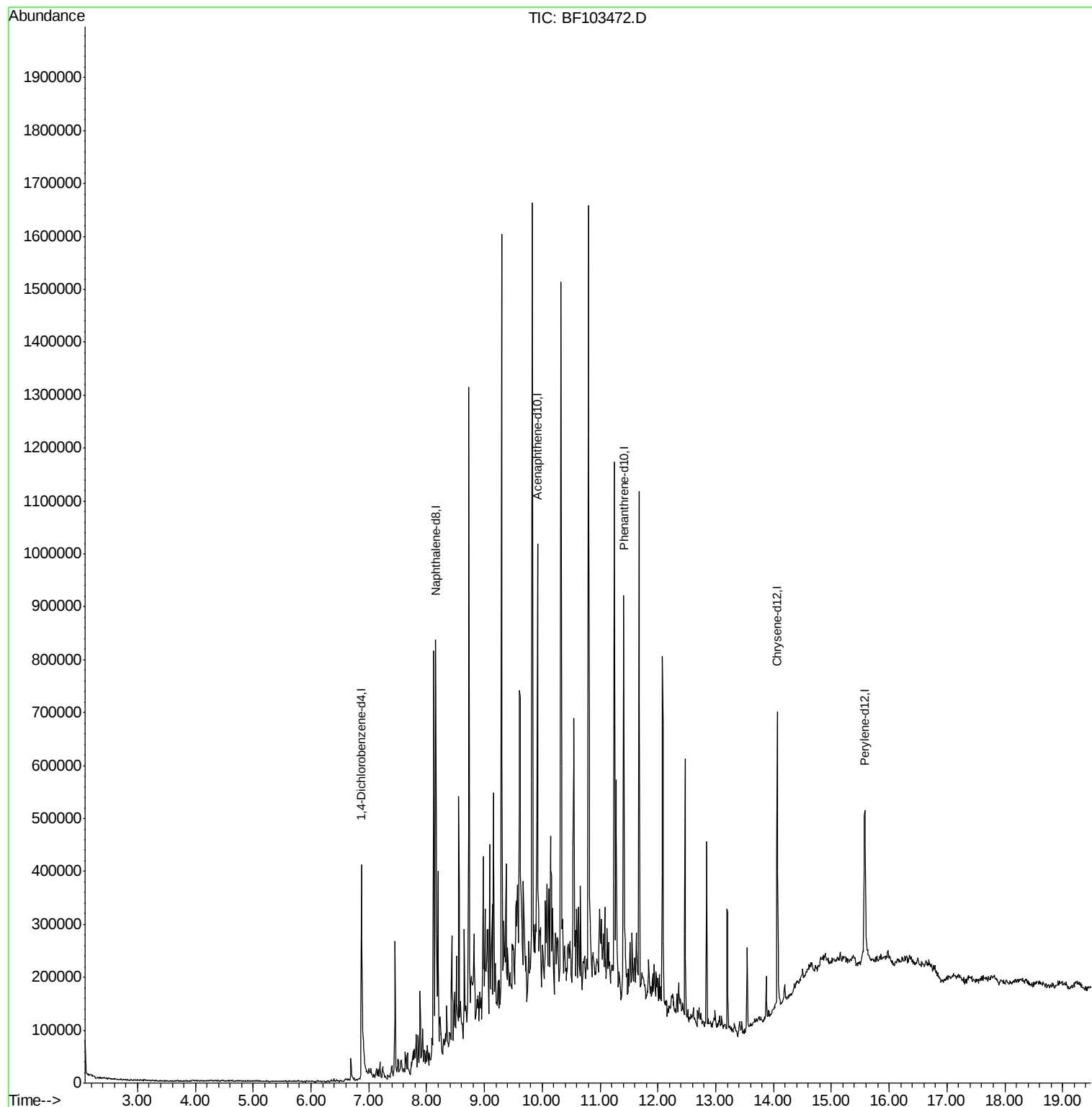
Target Compounds Qvalue

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

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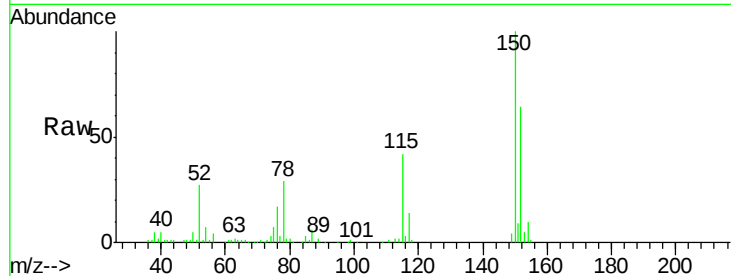


#1

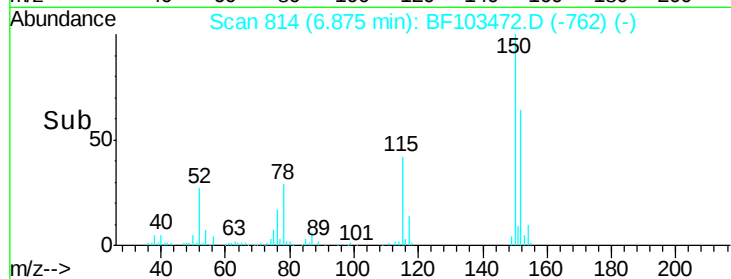
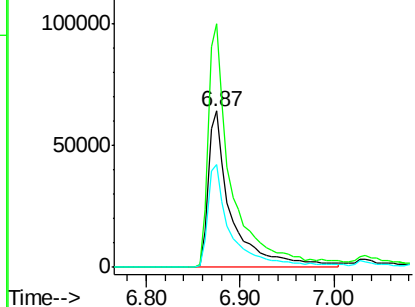
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103472.D
Acq: 6 Mar 2018 22:48

Instrument :
BNA_F
ClientSampleId :
OILY-STONE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	65.8	50.1	75.1



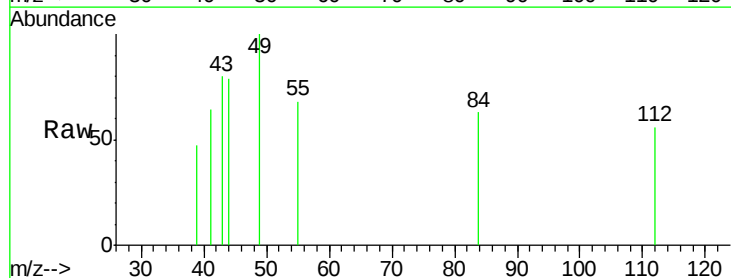
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



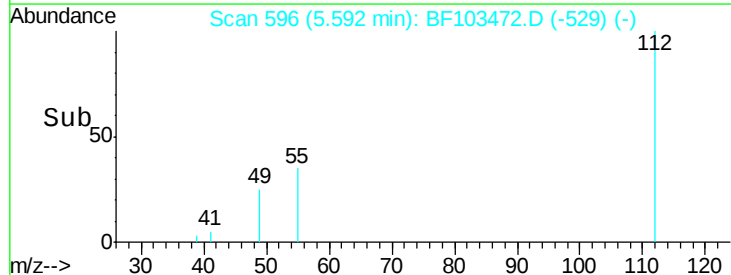
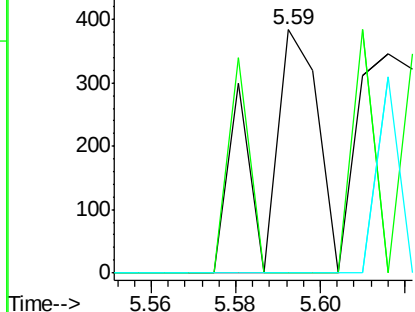
#5

2-Fluorophenol
Concen: 0.049 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.09 min
Lab File: BF103472.D
Acq: 6 Mar 2018 22:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	47.9	71.9#
63	0.0	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: 0.508 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.09 min

Lab File: BF103472.D

Acq: 6 Mar 2018 22:48

Instrument :

BNA_F

ClientSampleId :

OILY-STONE

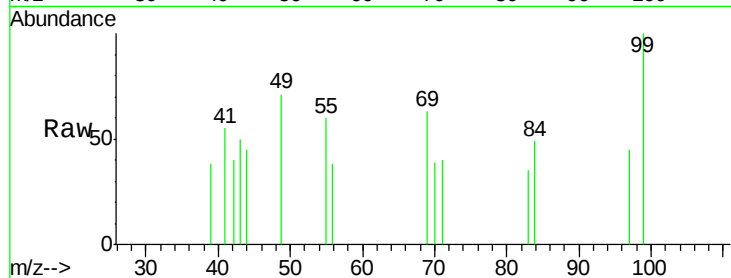
Tot Ion: 99 Resp: 4524

Ion Ratio Lower Upper

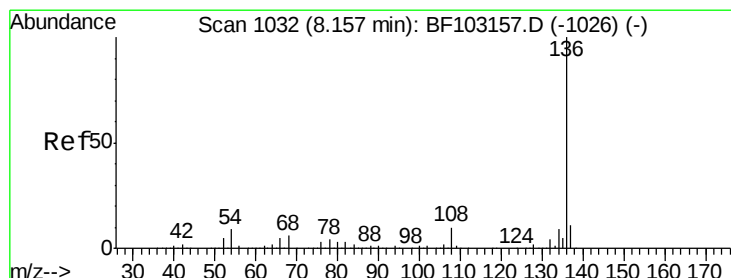
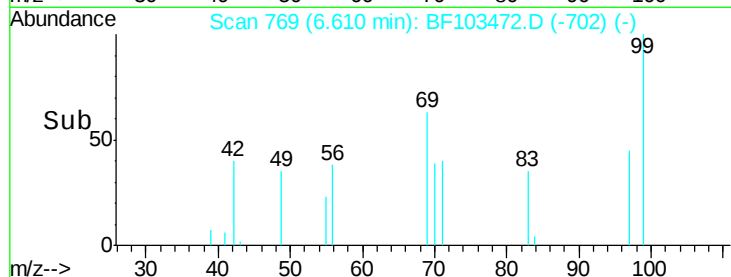
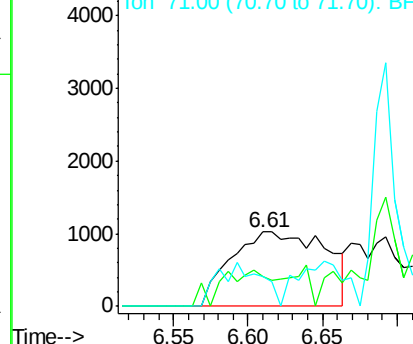
99 100

42 39.6 14.5 21.7#

71 39.6 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: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF103472.D

Acq: 6 Mar 2018 22:48

Tgt Ion: 136 Resp: 470438

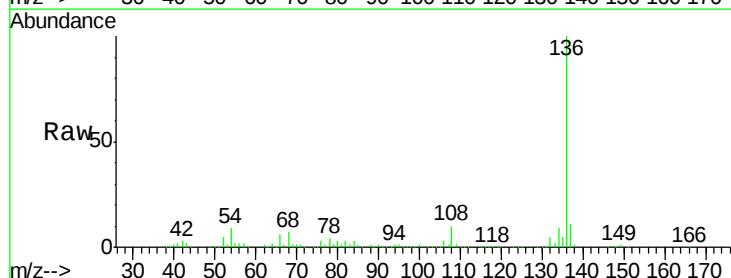
Ion Ratio Lower Upper

136 100

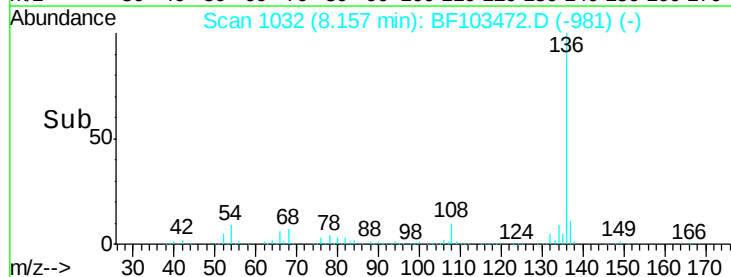
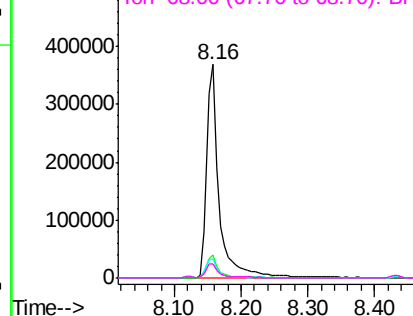
137 10.9 8.9 13.3

54 9.1 6.6 9.8

68 6.7 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

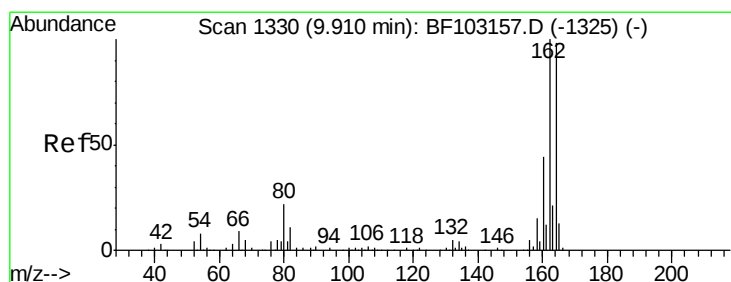
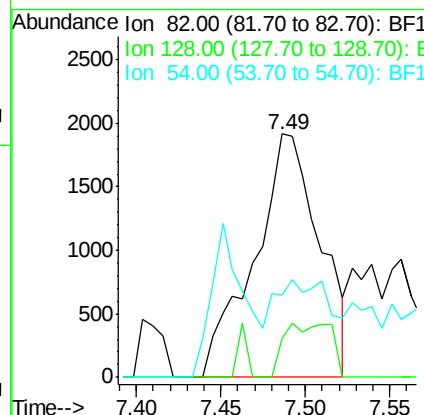
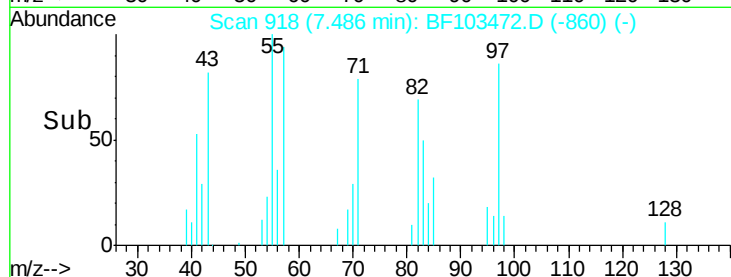
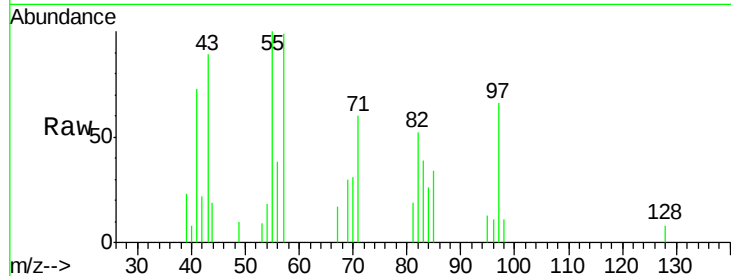




#23
 Nitrobenzene-d5
 Concen: 0.627 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.04 min
 Lab File: BF103472.D
 Acq: 6 Mar 2018 22:48

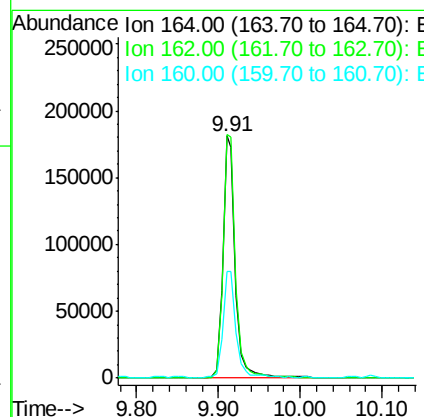
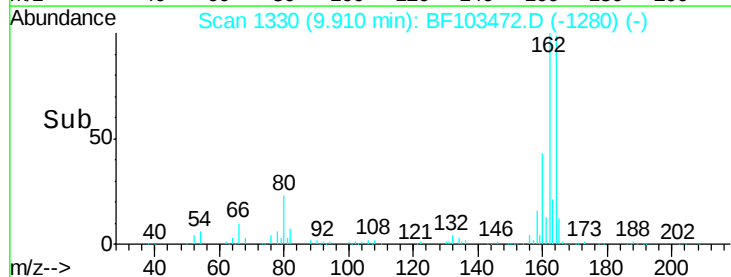
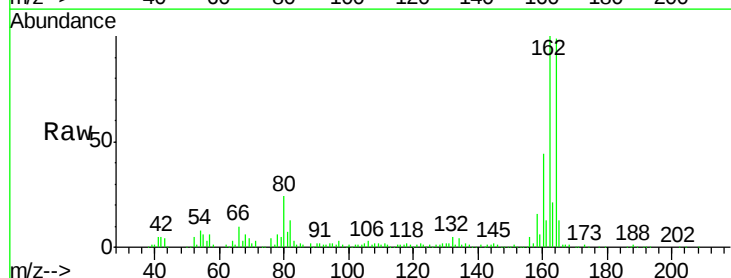
Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONE

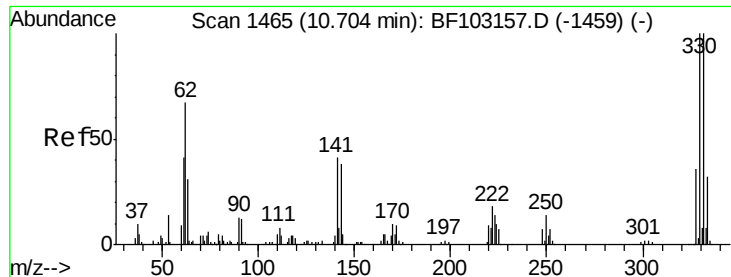
Tot Ion: 82 Resp: 5165
 Ion Ratio Lower Upper
 82 100
 128 15.8 36.1 54.1#
 54 33.8 41.4 62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103472.D
 Acq: 6 Mar 2018 22:48

Tgt Ion: 164 Resp: 191542
 Ion Ratio Lower Upper
 164 100
 162 100.5 86.1 129.1
 160 43.8 38.3 57.5

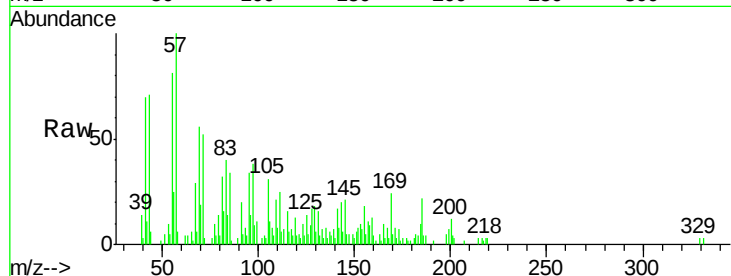




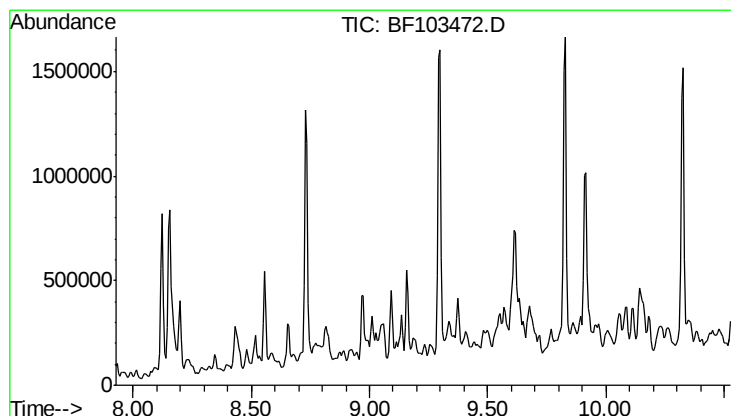
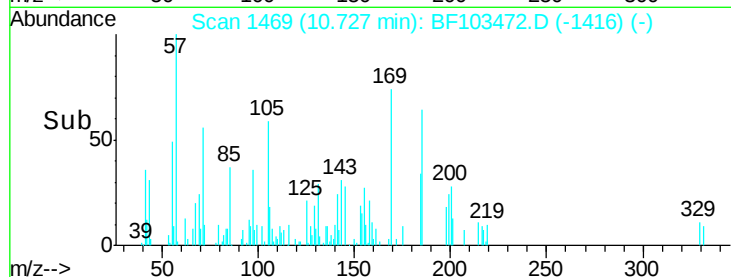
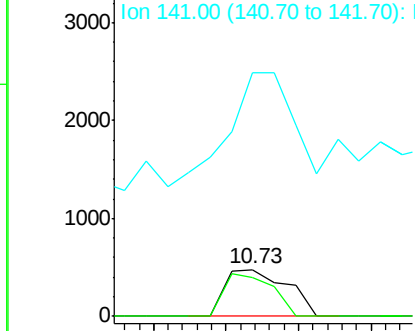
#41
 2,4,6-Tribromophenol
 Concen: 0.348 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF103472.D
 Acq: 6 Mar 2018 22:48

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONE

Tot Ion: 330 Resp: 564
 Ion Ratio Lower Upper
 330 100
 332 70.4 77.0 115.6#
 141 258.2 29.9 44.9#



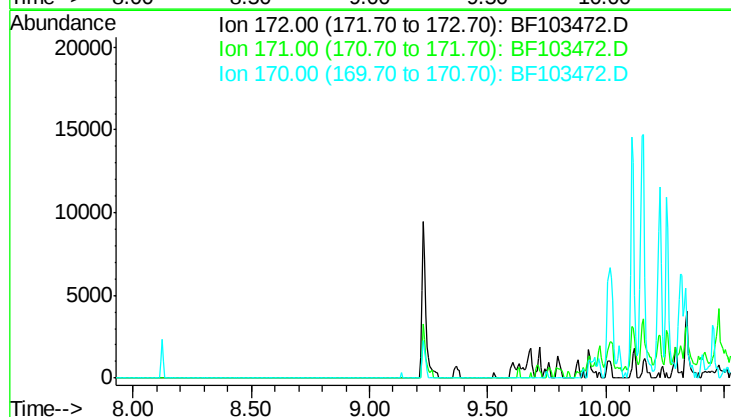
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

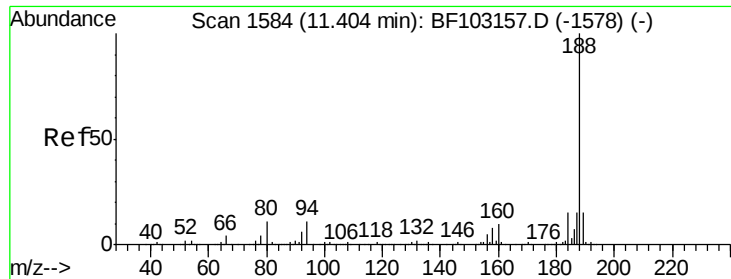


#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.23 min

Lab File: BF103472.D
 Acq: 6 Mar 2018 22:48

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 37.1
 170 24.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF103472.D

Acq: 6 Mar 2018 22:48

Instrument :

BNA_F

ClientSampleId :

OILY-STONE

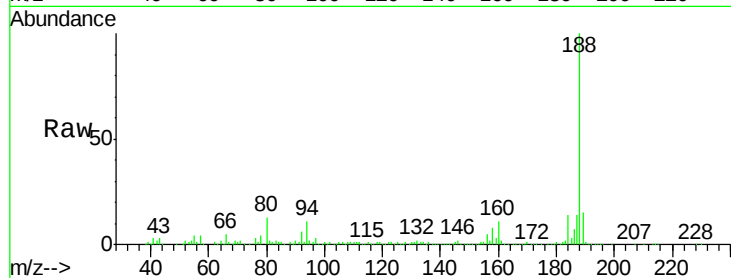
Tot Ion:188 Resp: 291772

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

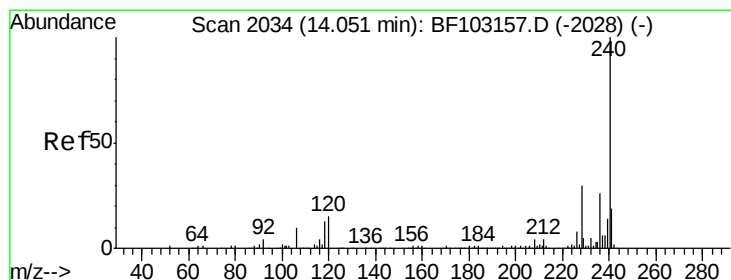
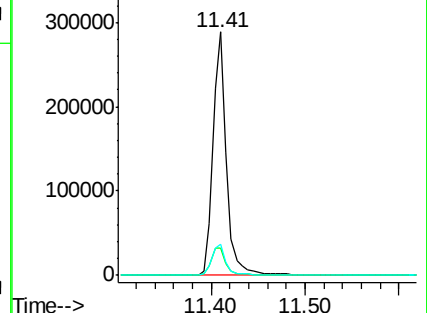
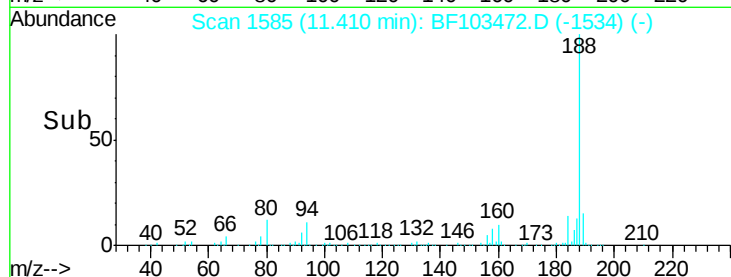
80 12.8 9.2 13.8



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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103472.D

Acq: 6 Mar 2018 22:48

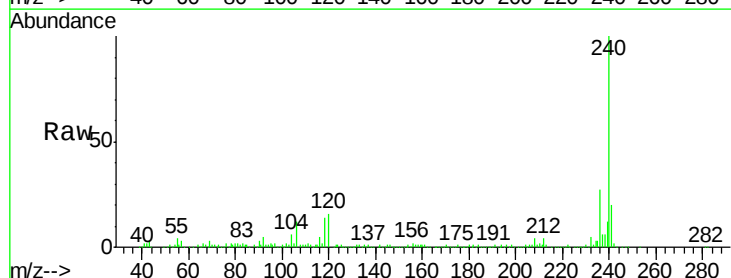
Tgt Ion:240 Resp: 216560

Ion Ratio Lower Upper

240 100

120 16.4 9.5 14.3#

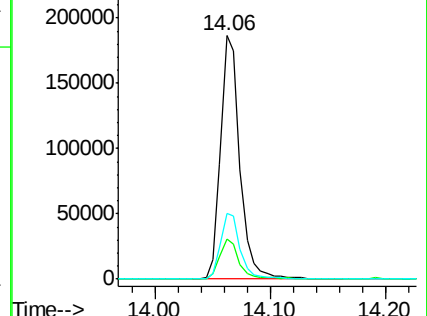
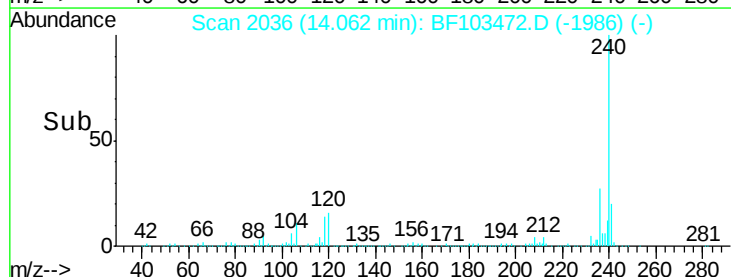
236 27.1 20.7 31.1

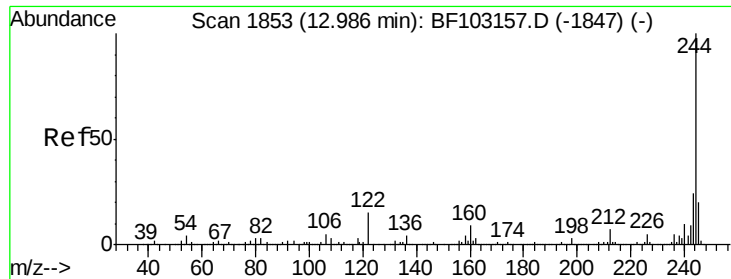


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 1.063 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF103472.D

Acq: 6 Mar 2018 22:48

Instrument :

BNA_F

ClientSampleId :

OILY-STONE

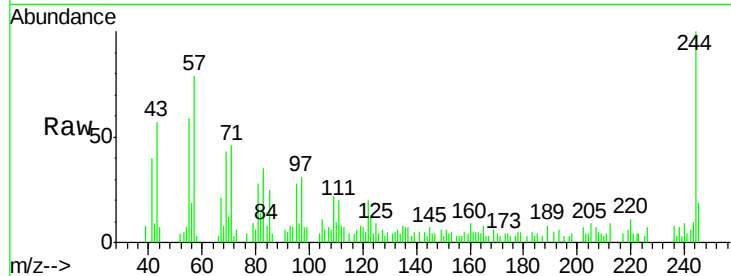
Tot Ion:244 Resp: 9575

Ion Ratio Lower Upper

244 100

212 9.3 5.4 8.0#

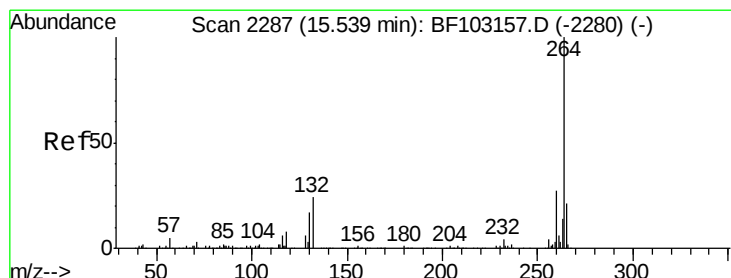
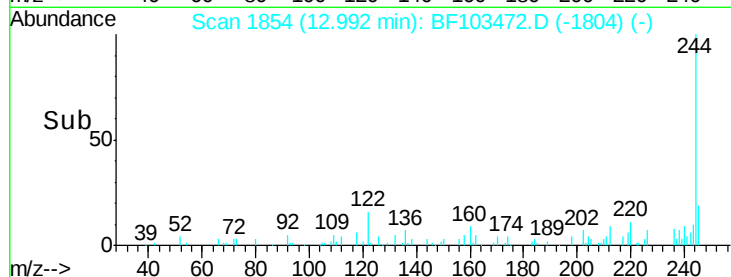
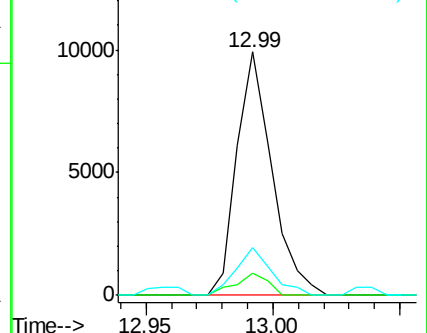
122 19.7 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BF103472.D

Acq: 6 Mar 2018 22:48

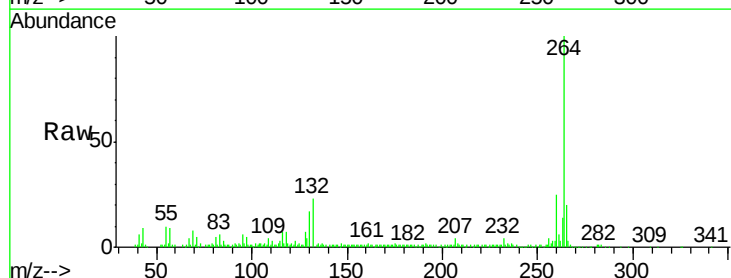
Tgt Ion:264 Resp: 162332

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 20.5 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

