

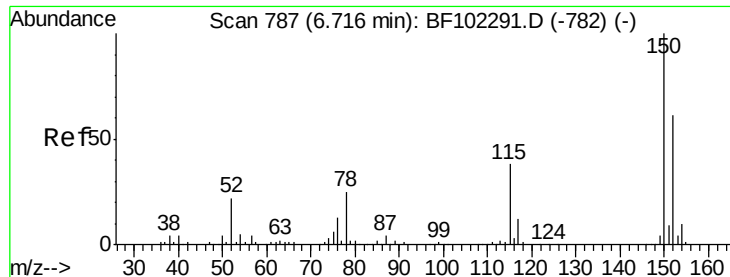
Data Path : Z:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102674.D
 Acq On : 1 Feb 2018 00:08
 Operator : SJ/JU
 Sample : J1384-08 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES-2

Quant Time: Feb 01 03:20:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	142851	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	536068	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	204101	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	197853	20.00	ng	0.02
75) Chrysene-d12	13.91	240	201784	20.00	ng	0.04
86) Perylene-d12	15.33	264	178719	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	493620	52.39	ng	0.02
7) Phenol-d6	6.38	99	590130	51.96	ng	0.02
23) Nitrobenzene-d5	7.28	82	330835	35.47	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	78145	38.64	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	578144	41.65	ng	0.00
78) Terphenyl-d14	12.86	244	269237	30.08	ng	0.05
Target Compounds						
49) Dimethylphthalate	9.47	163	49890	2.957	ng	# 95
70) Phenanthrene	11.27	178	47696	4.137	ng	# 55

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

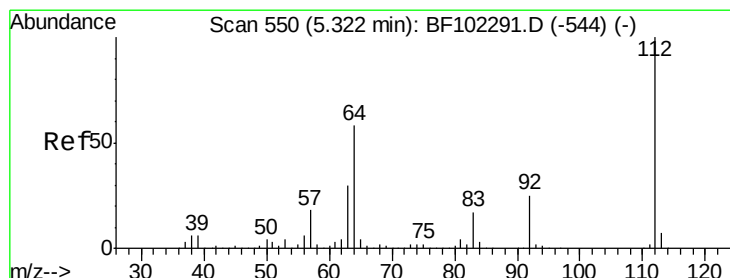
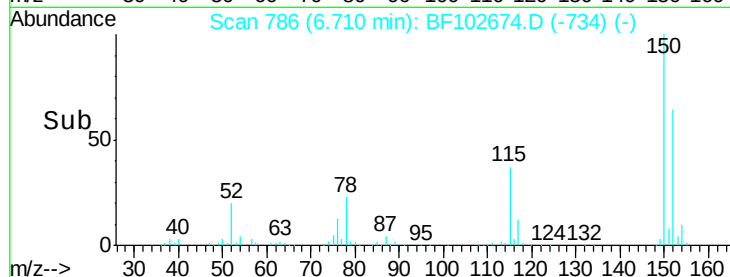
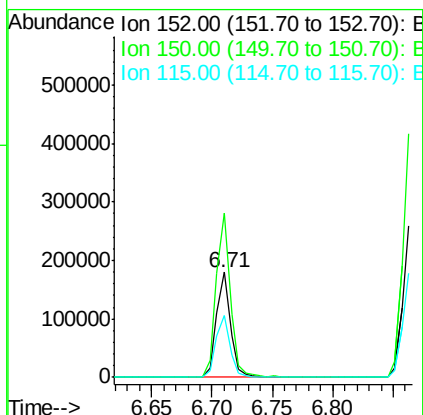
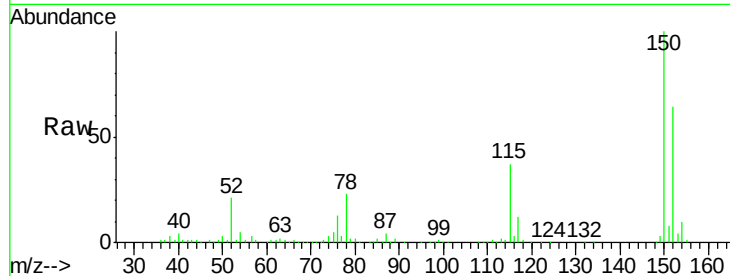


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF102674.D
Acq: 1 Feb 2018 00:08

Instrument :
BNA_F
ClientSampleId :
OILY-STONES-2

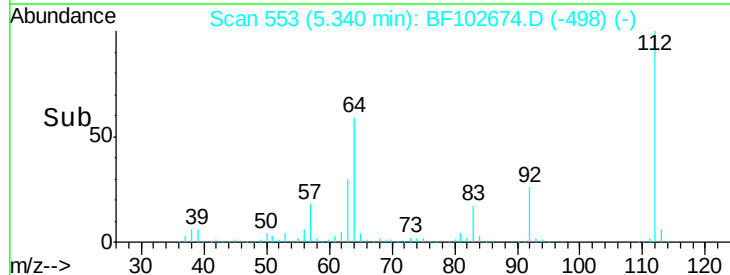
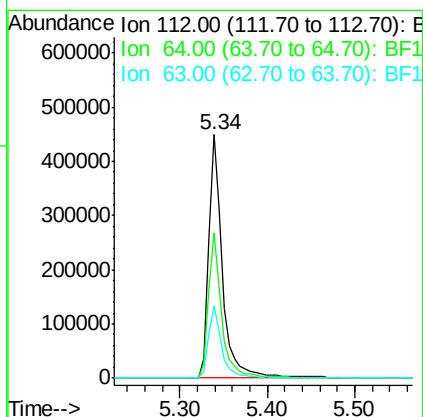
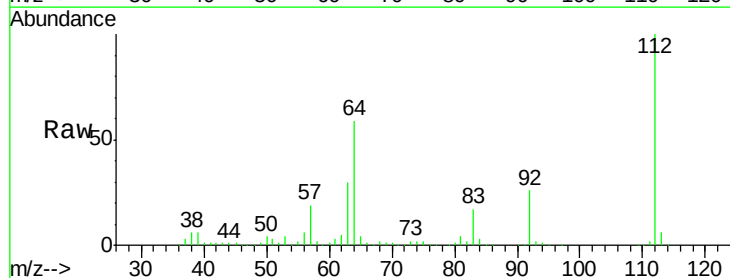
Tot Ion:152 Resp: 142851
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 58.6 50.1 75.1

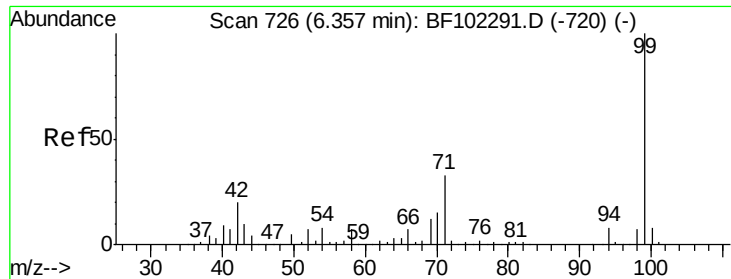


#5

2-Fluorophenol
Concen: 52.394 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102674.D
Acq: 1 Feb 2018 00:08

Tgt Ion:112 Resp: 493620
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 29.8 23.7 35.5





#7

Phenol-d6

Concen: 51.956 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF102674.D

Acq: 1 Feb 2018 00:08

Instrument :

BNA_F

ClientSampleId :

OILY-STONES-2

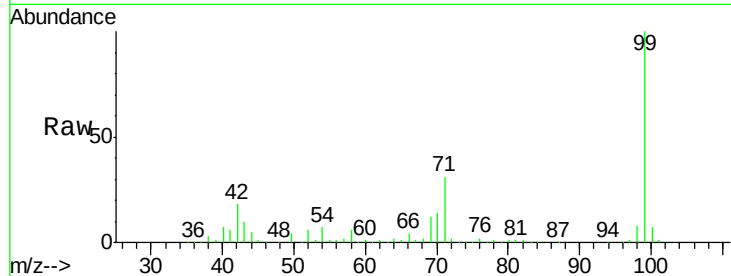
Tot Ion: 99 Resp: 590130

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

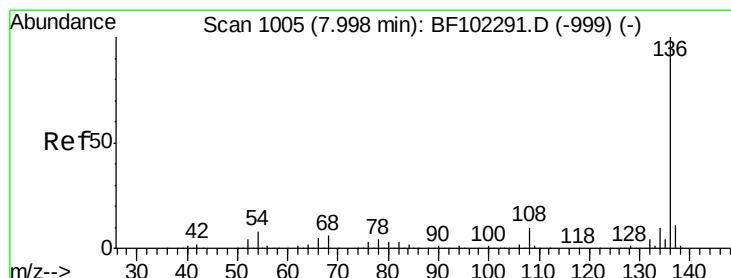
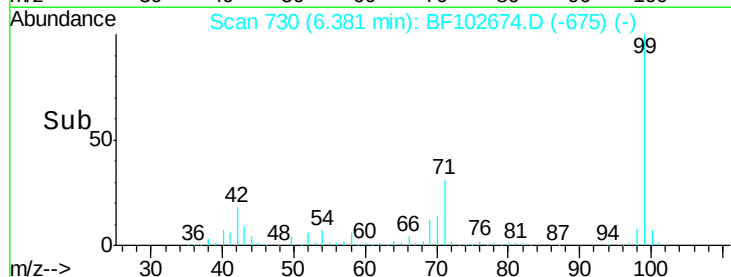
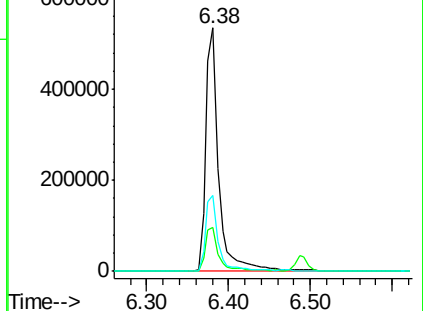
71 31.3 25.4 38.0



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: 7.99 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BF102674.D

Acq: 1 Feb 2018 00:08

Tgt Ion: 136 Resp: 536068

Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.7 6.6 9.8

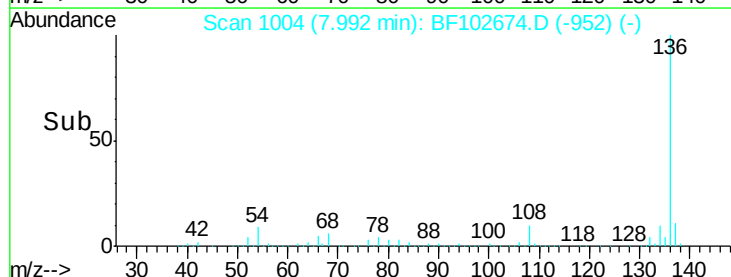
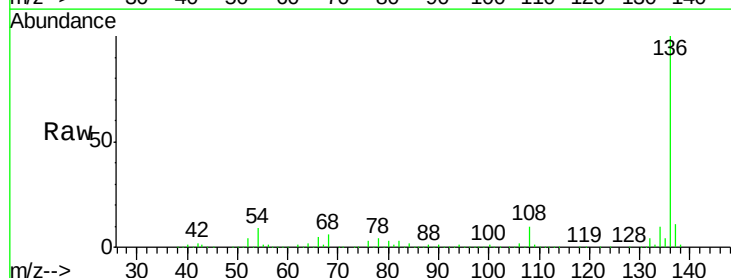
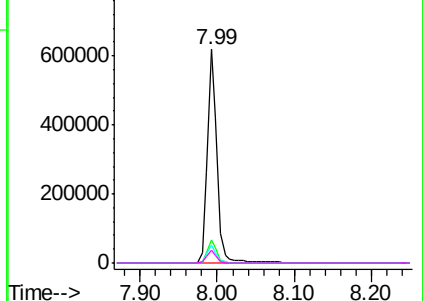
68 5.8 5.0 7.4

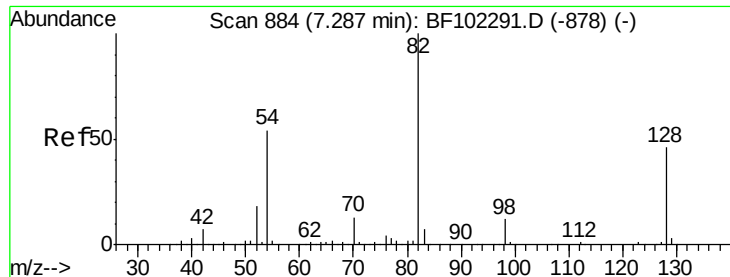
Abundance Ion 136.00 (135.70 to 136.70): E

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

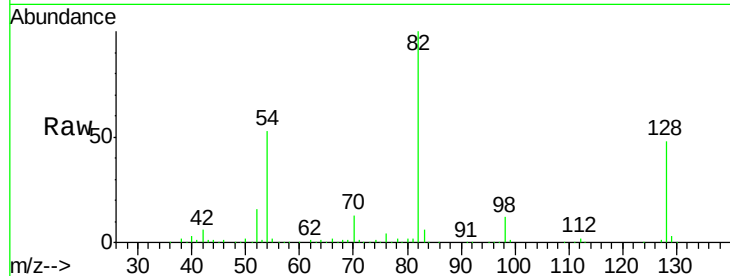




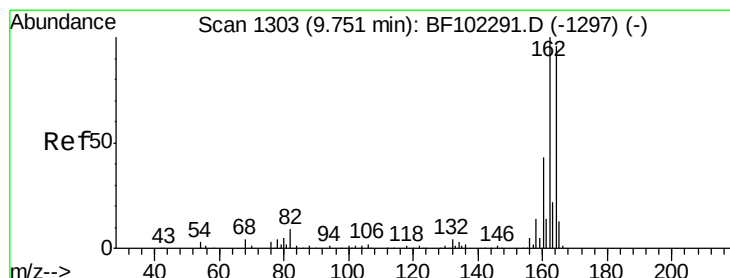
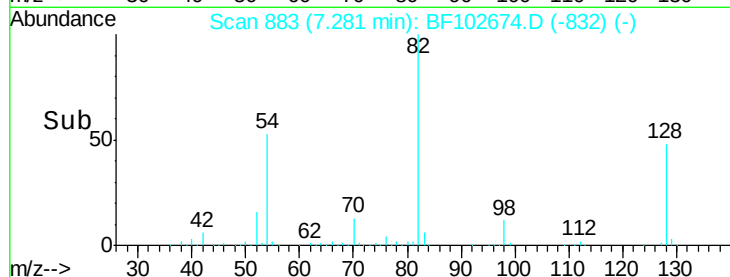
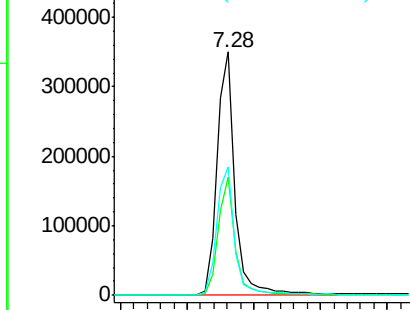
#23
 Nitrobenzene-d5
 Concen: 35.466 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF102674.D
 Acq: 1 Feb 2018 00:08

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES-2

Tot Ion: 82 Resp: 330835
 Ion Ratio Lower Upper
 82 100
 128 48.4 36.1 54.1
 54 52.6 41.4 62.2

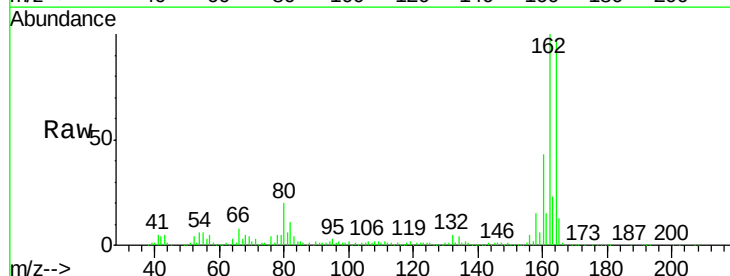


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

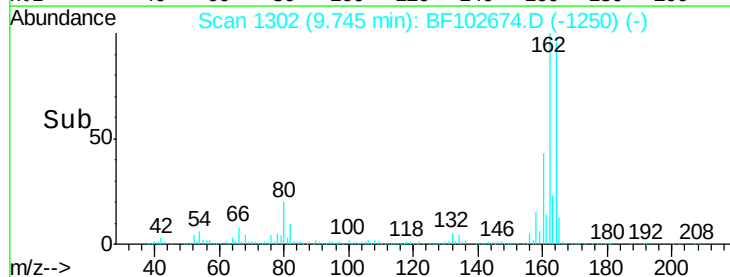
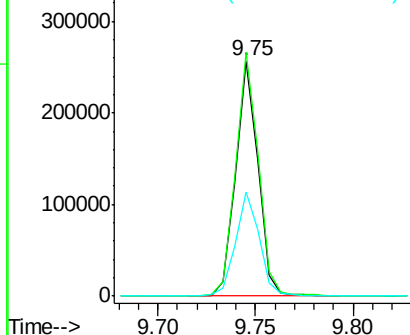


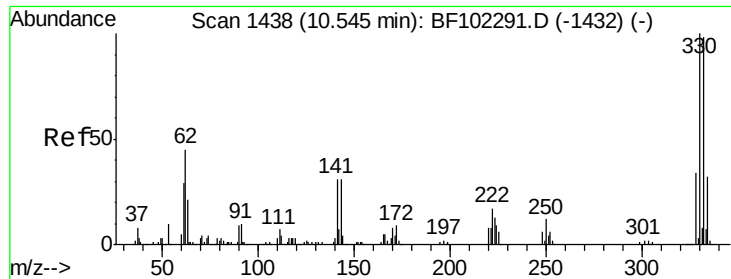
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BF102674.D
 Acq: 1 Feb 2018 00:08

Tgt Ion: 164 Resp: 204101
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 44.4 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: 38.641 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF102674.D

Acq: 1 Feb 2018 00:08

Instrument :

BNA_F

ClientSampleId :

OILY-STONES-2

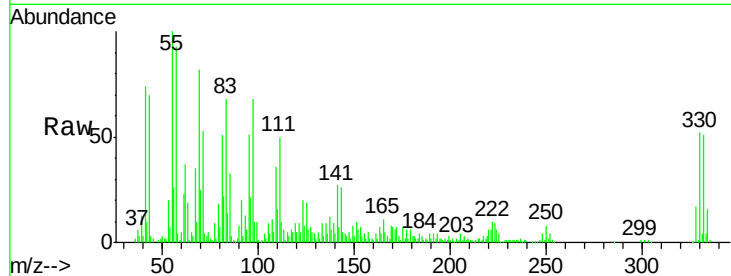
Tot Ion:330 Resp: 78145

Ion Ratio Lower Upper

330 100

332 98.7 77.0 115.6

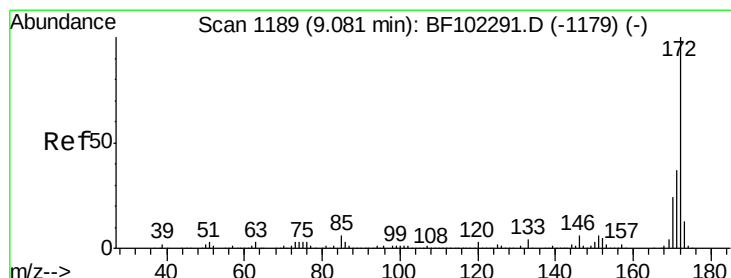
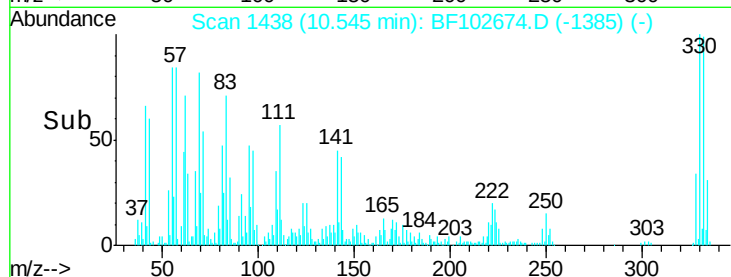
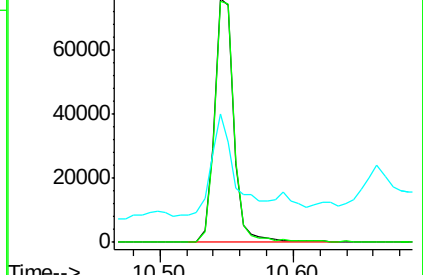
141 50.0 29.9 44.9#



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: 41.650 ng

RT: 9.07 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF102674.D

Acq: 1 Feb 2018 00:08

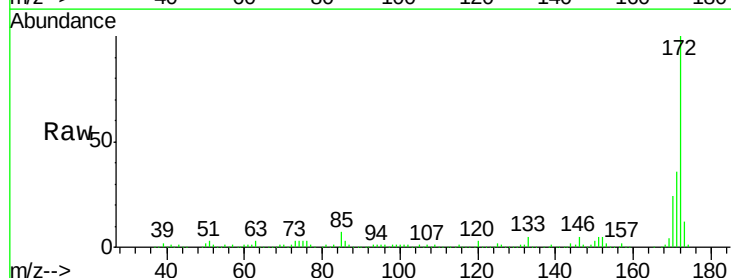
Tgt Ion:172 Resp: 578144

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

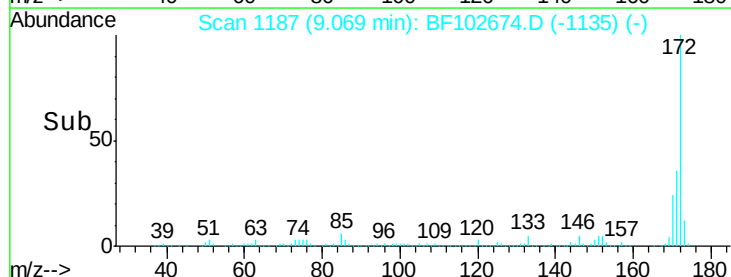
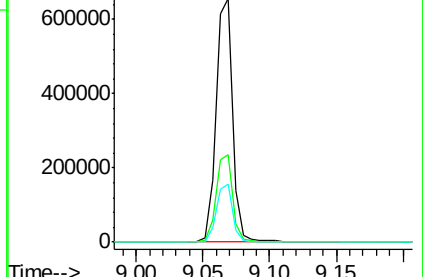
170 23.7 19.6 29.4

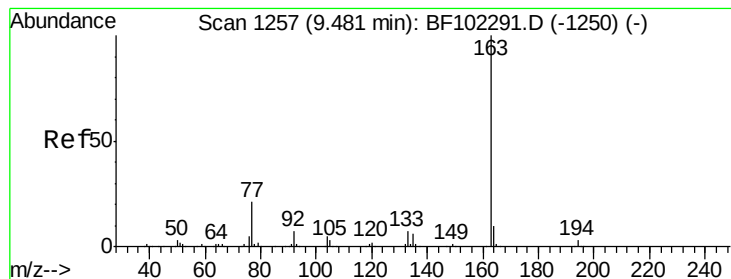


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.957 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF102674.D

Acq: 1 Feb 2018 00:08

Instrument :

BNA_F

ClientSampleId :

OILY-STONES-2

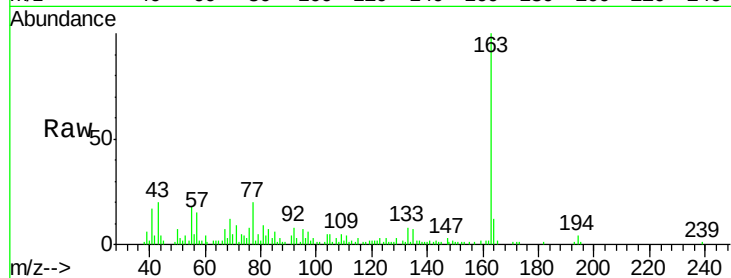
Tot Ion:163 Resp: 49890

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

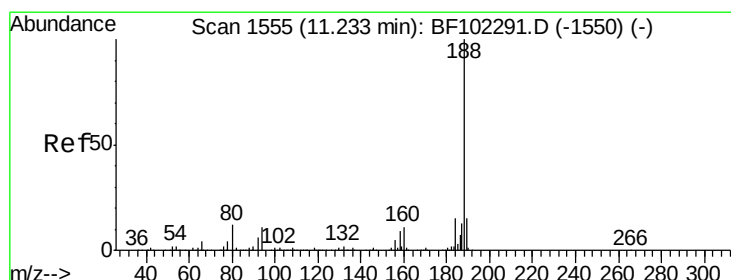
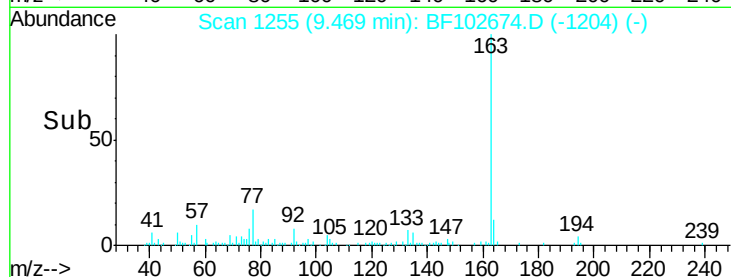
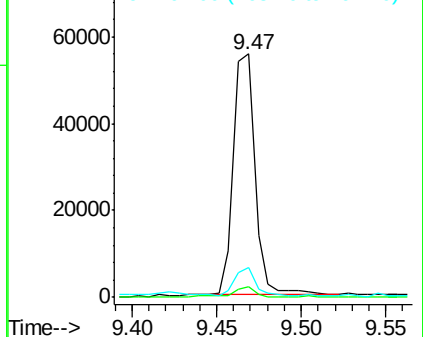
164 12.4 8.2 12.2#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.02 min

Lab File: BF102674.D

Acq: 1 Feb 2018 00:08

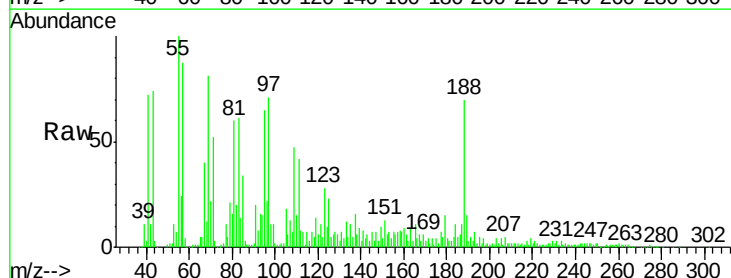
Tgt Ion:188 Resp: 197853

Ion Ratio Lower Upper

188 100

94 21.2 8.5 12.7#

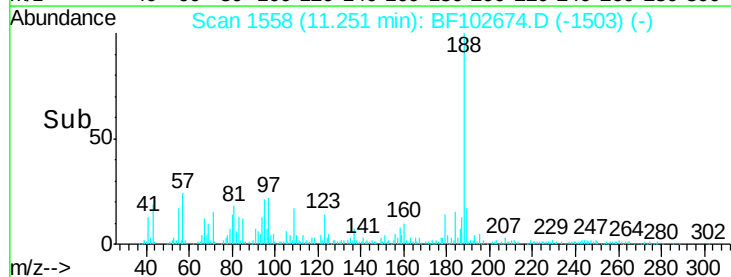
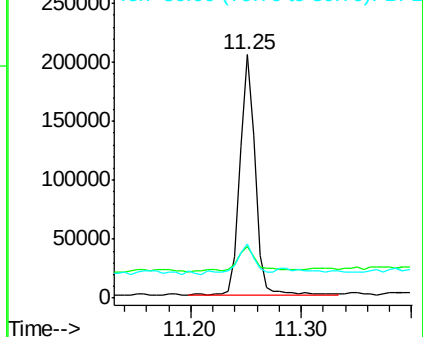
80 22.2 9.2 13.8#

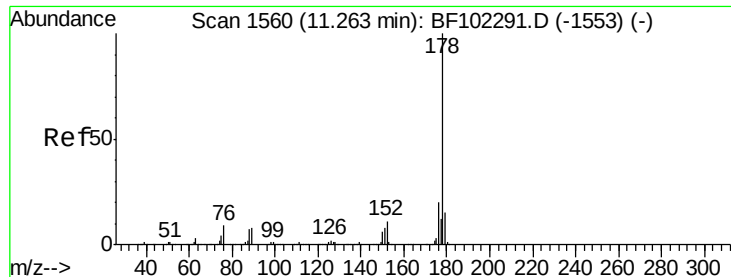


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 4.137 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.02 min

Lab File: BF102674.D

Acq: 1 Feb 2018 00:08

Instrument :

BNA_F

ClientSampleId :

OILY-STONES-2

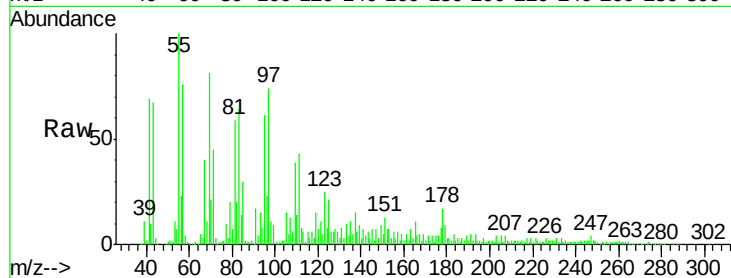
Tot Ion:178 Resp: 47696

Ion Ratio Lower Upper

178 100

176 25.1 15.8 23.8#

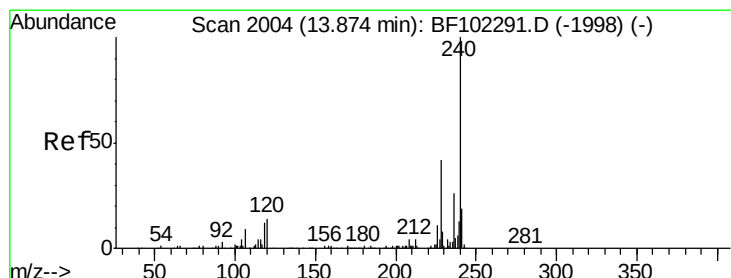
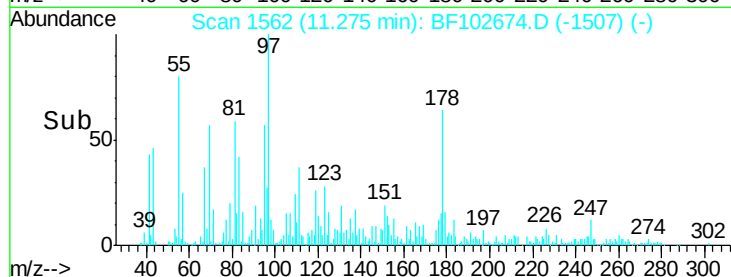
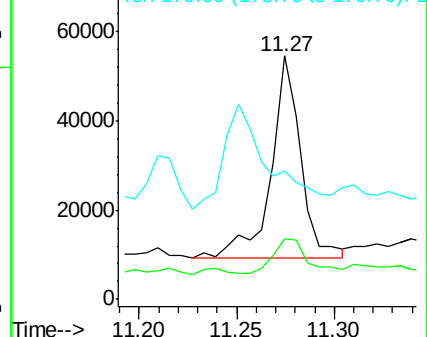
179 52.7 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.04 min

Lab File: BF102674.D

Acq: 1 Feb 2018 00:08

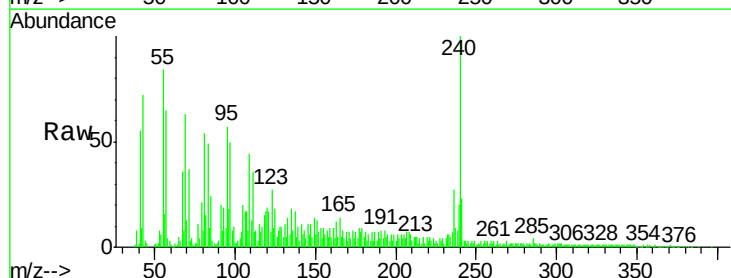
Tgt Ion:240 Resp: 201784

Ion Ratio Lower Upper

240 100

120 19.0 9.5 14.3#

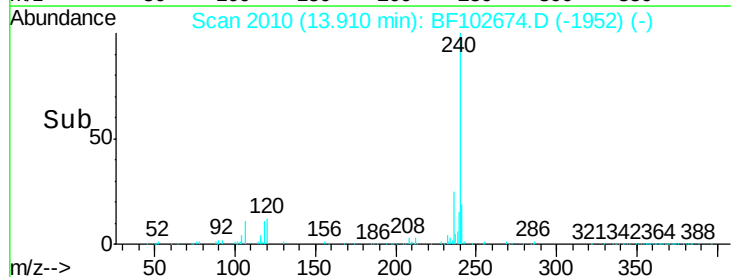
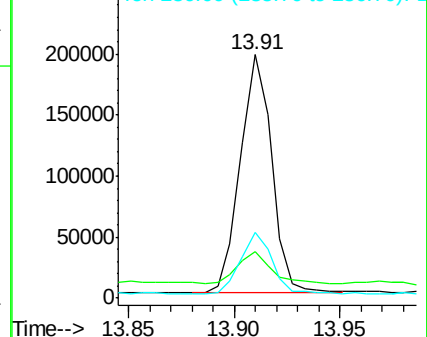
236 27.1 20.7 31.1

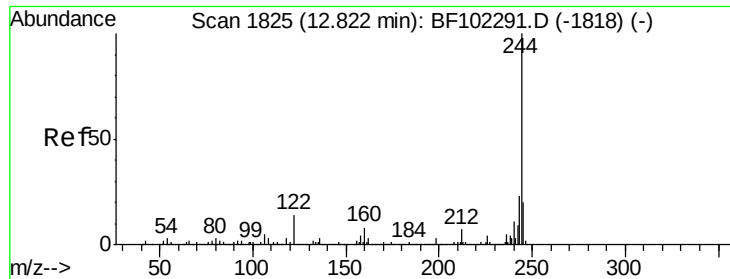


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 30.080 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.05 min

Lab File: BF102674.D

Acq: 1 Feb 2018 00:08

Instrument :

BNA_F

ClientSampleId :

OILY-STONES-2

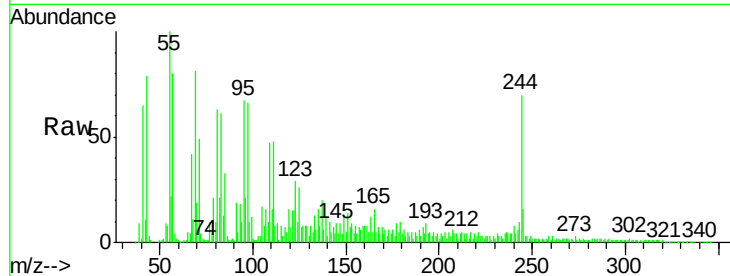
Tot Ion:244 Resp: 269237

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

122 20.8 11.0 16.4#

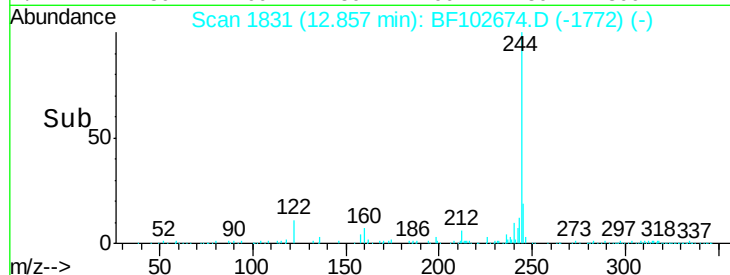


Abundance Ion 244.00 (243.70 to 244.70): E

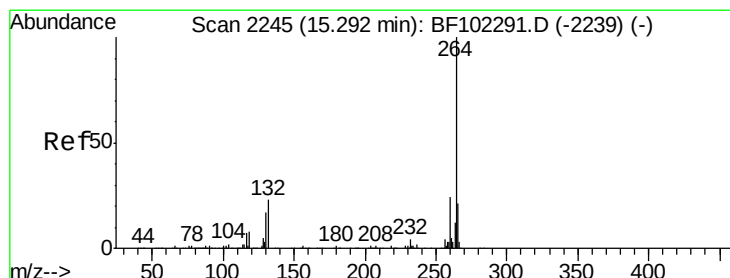
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.04 min

Lab File: BF102674.D

Acq: 1 Feb 2018 00:08

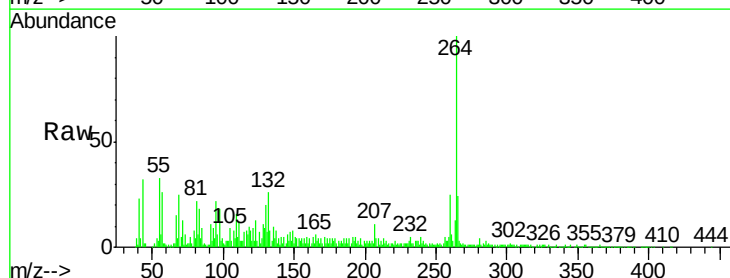
Tgt Ion:264 Resp: 178719

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 23.6 17.5 26.3

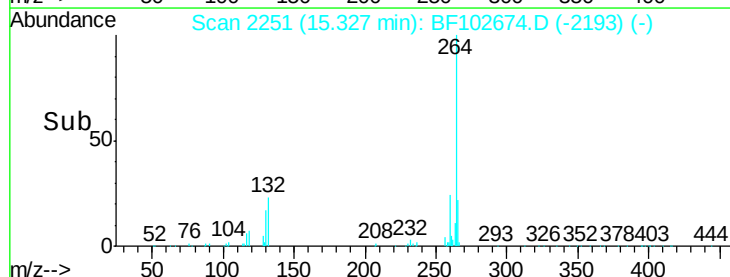


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->