

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102184.D
 Acq On : 18 Jan 2018 7:42
 Operator : SJ/JU
 Sample : J1156-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Quant Time: Jan 18 09:18:29 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	157993	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	625011	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	262291	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	384504	20.00	ng	0.00
75) Chrysene-d12	13.86	240	261784	20.00	ng	-0.01
86) Perylene-d12	15.28	264	244684	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1216755	108.75	ng	0.02
7) Phenol-d6	6.36	99	1282055	96.04	ng	0.00
23) Nitrobenzene-d5	7.29	82	997744	93.81	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	302755	132.27	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1706592	101.65	ng	0.00
78) Terphenyl-d14	12.82	244	1111467	88.15	ng	0.00

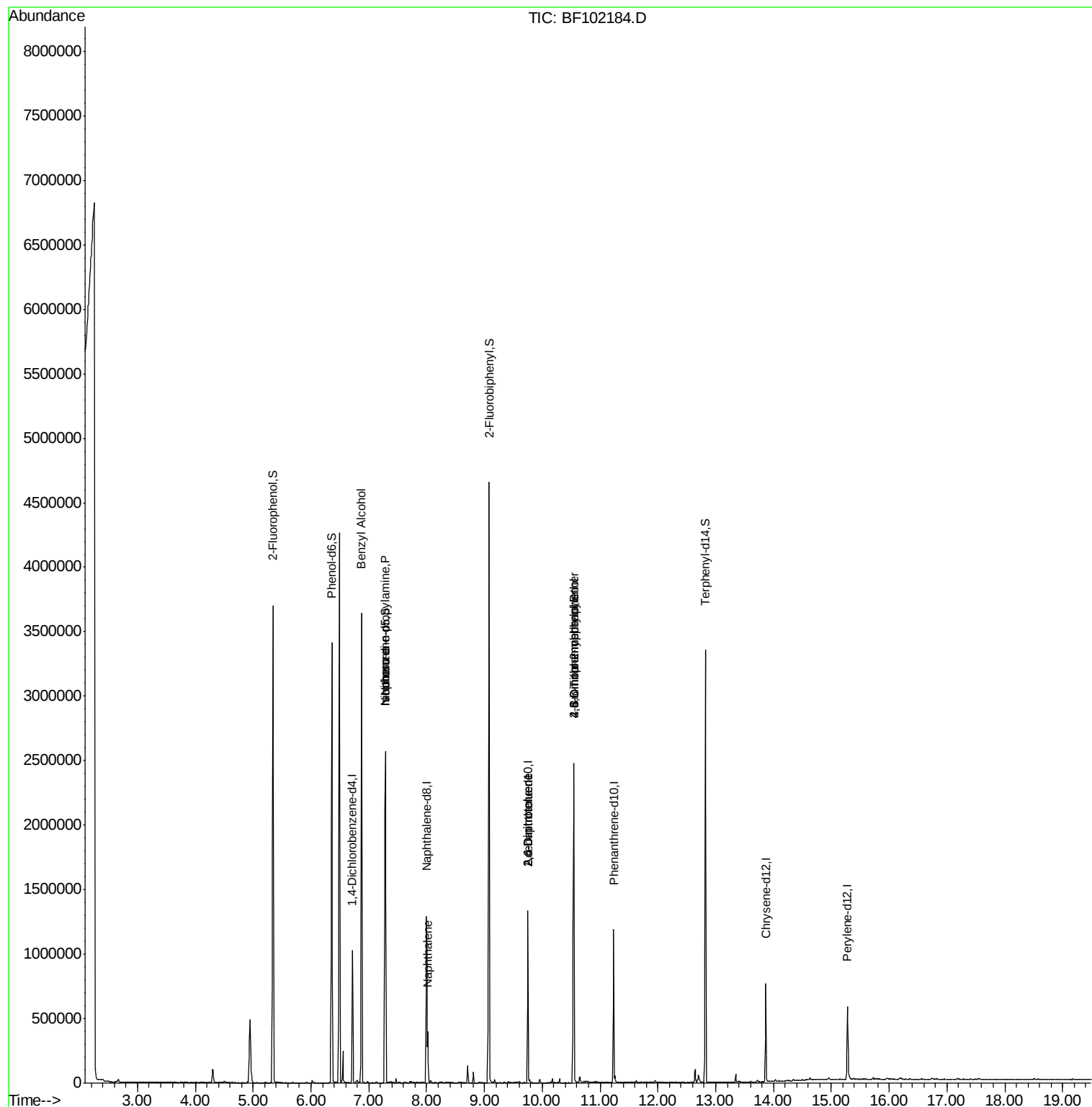
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.87	79	23850	2.442	ng	# 49
19) n-Nitroso-di-n-propylamine	7.29	70	133641	15.276	ng	# 79
25) Isophorone	7.29	82	993196	47.260	ng	# 64
31) Naphthalene	8.02	128	170529	5.460	ng	# 98
50) 2,6-Dinitrotoluene	9.75	165	34816	8.284	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	34816	6.609	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	540	5.890	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	18854	4.643	ng	# 1

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

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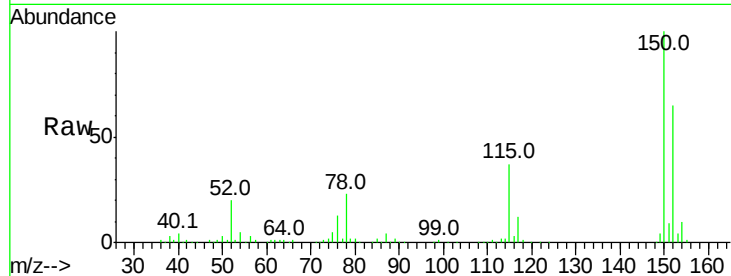


#1

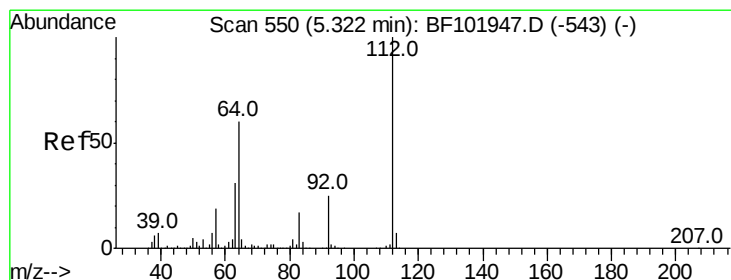
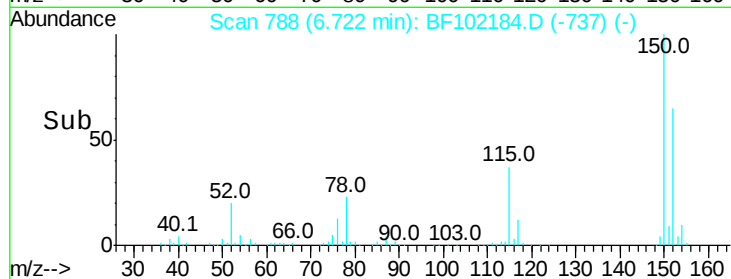
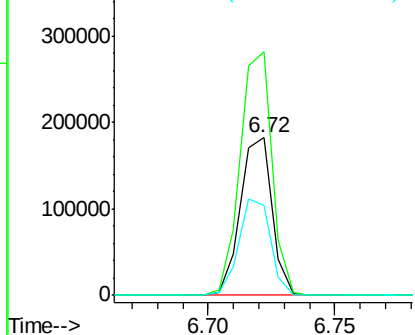
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102184.D
Acq: 18 Jan 2018 7:42

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tot Ion:152 Resp: 157993
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 57.1 50.1 75.1



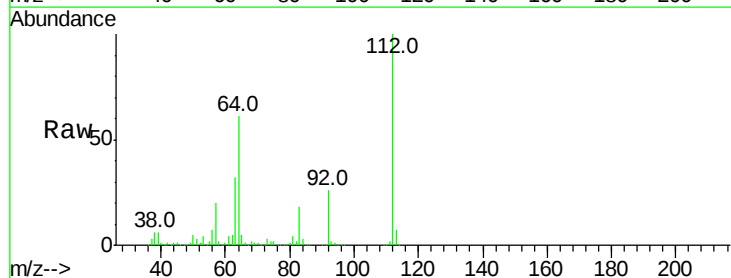
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



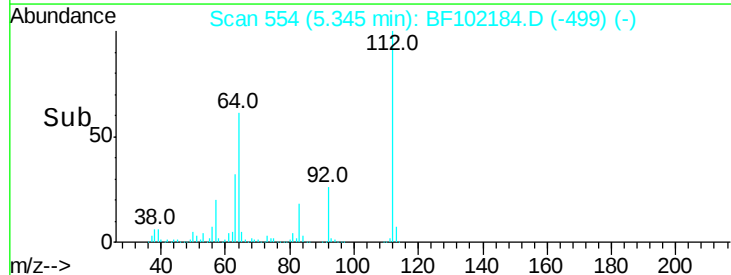
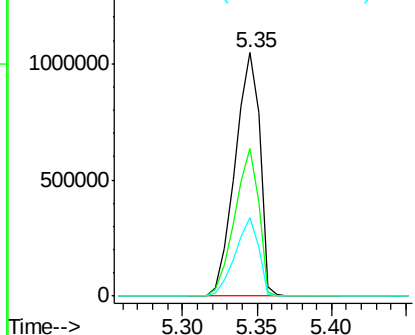
#5

2-Fluorophenol
Concen: 108.749 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF102184.D
Acq: 18 Jan 2018 7:42

Tgt Ion:112 Resp: 1216755
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 32.1 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: 96.040 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102184.D

Acq: 18 Jan 2018 7:42

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

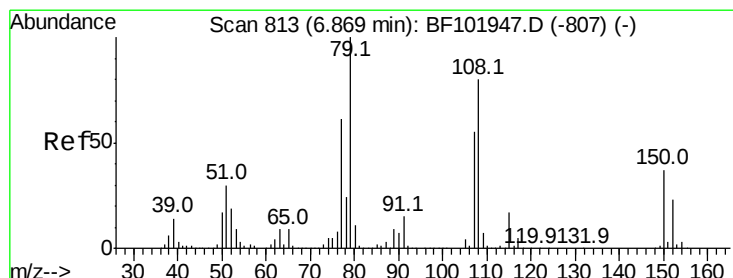
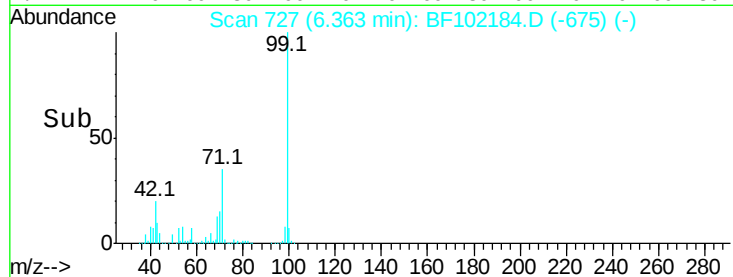
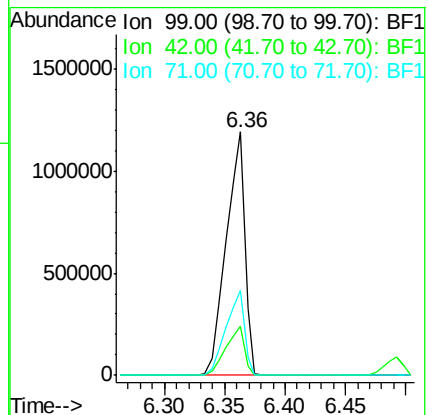
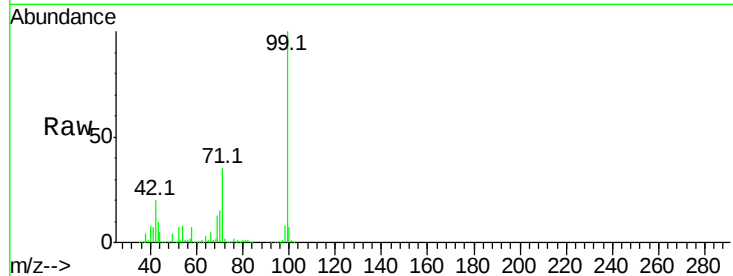
Tot Ion: 99 Resp: 1282055

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 34.6 25.4 38.0



#15

Benzyl Alcohol

Concen: 2.442 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF102184.D

Acq: 18 Jan 2018 7:42

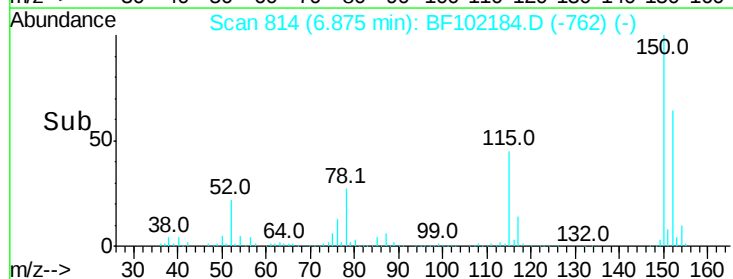
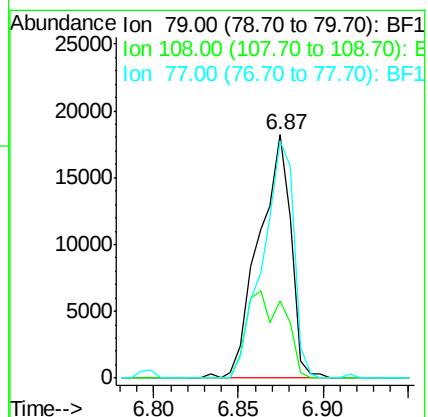
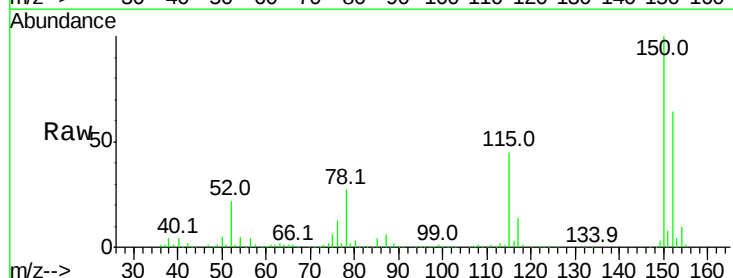
Tgt Ion: 79 Resp: 23850

Ion Ratio Lower Upper

79 100

108 31.8 65.1 97.7#

77 97.6 50.6 75.8#

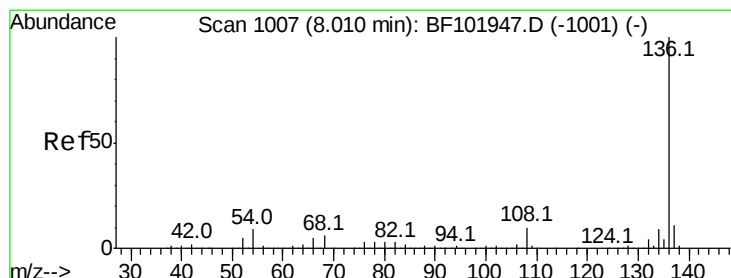
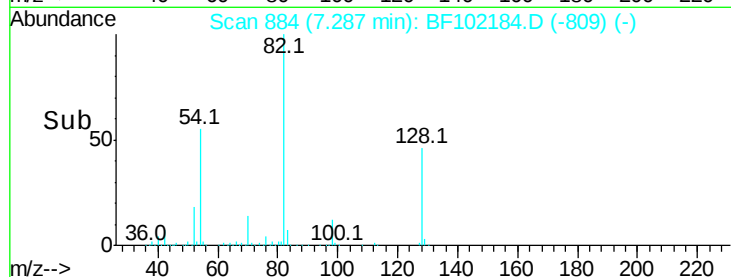
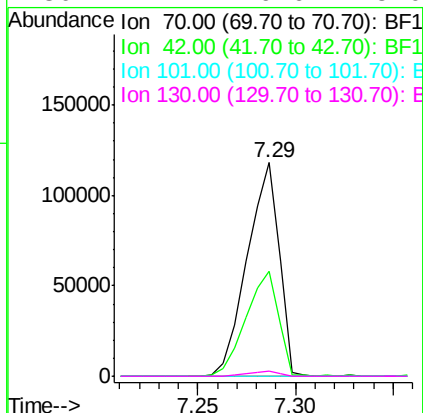
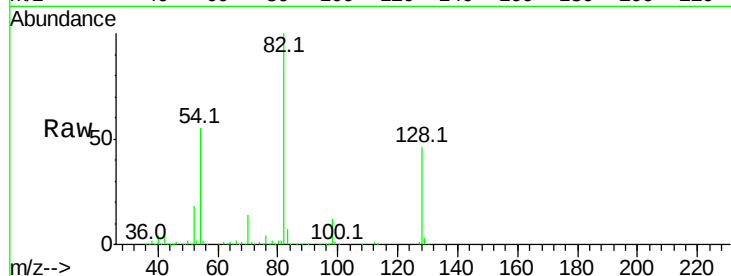




#19
n-Nitroso-di-n-propylamine
Concen: 15.276 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102184.D
Acq: 18 Jan 2018 7:42

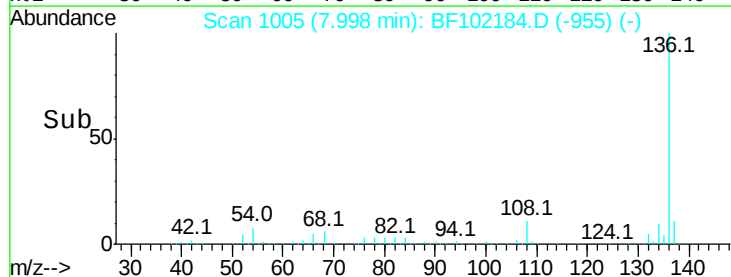
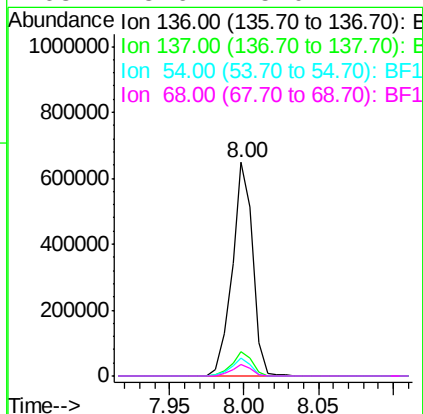
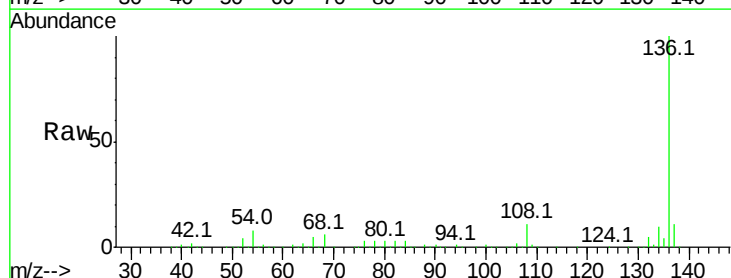
Instrument :
BNA_F
ClientSampleId :
OILY-STONES

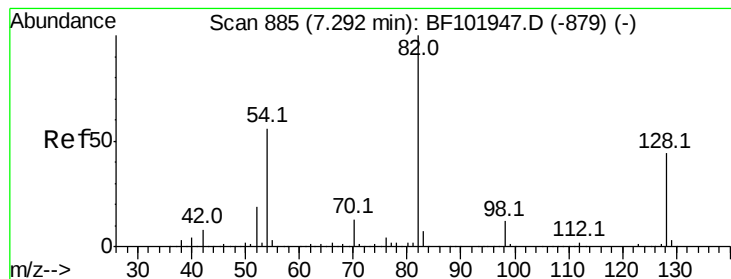
Tot Ion: 70 Resp: 133641
Ion Ratio Lower Upper
70 100
42 49.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102184.D
Acq: 18 Jan 2018 7:42

Tgt Ion: 136 Resp: 625011
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





#23

Nitrobenzene-d5

Concen: 93.809 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102184.D

Acq: 18 Jan 2018 7:42

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

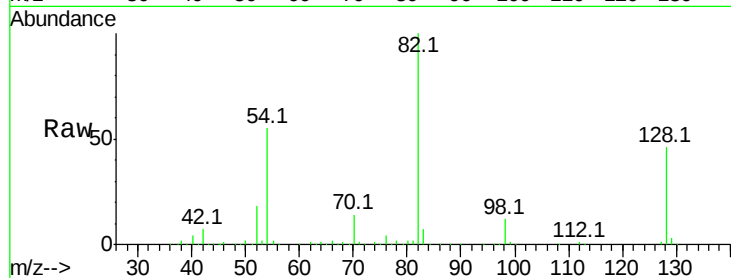
Tot Ion: 82 Resp: 997744

Ion Ratio Lower Upper

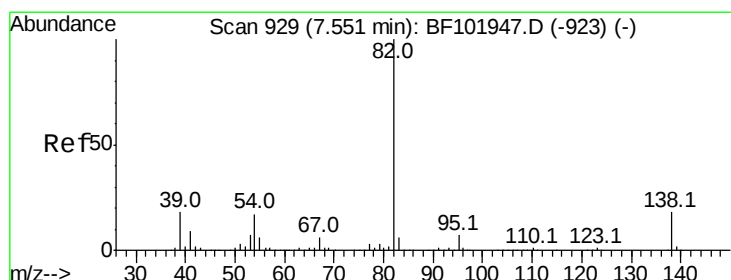
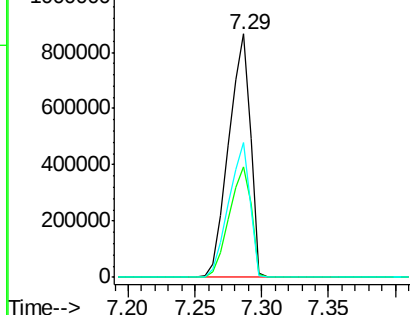
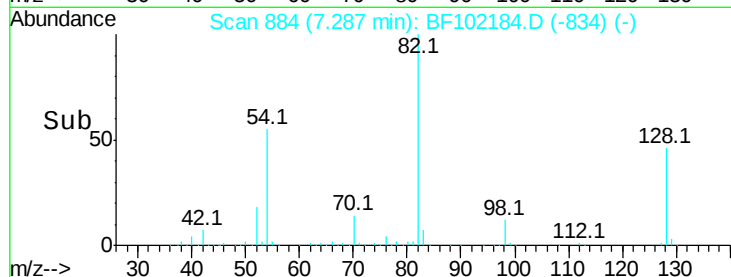
82 100

128 45.6 36.1 54.1

54 55.4 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



#25

Isophorone

Concen: 47.260 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102184.D

Acq: 18 Jan 2018 7:42

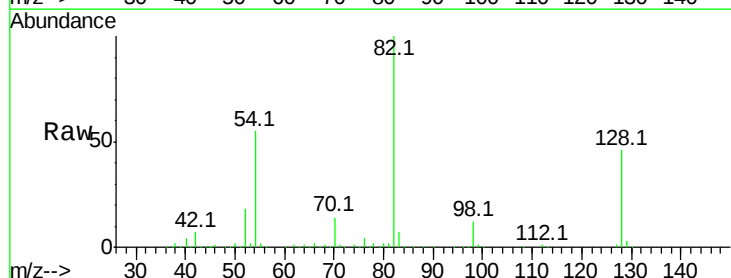
Tgt Ion: 82 Resp: 993196

Ion Ratio Lower Upper

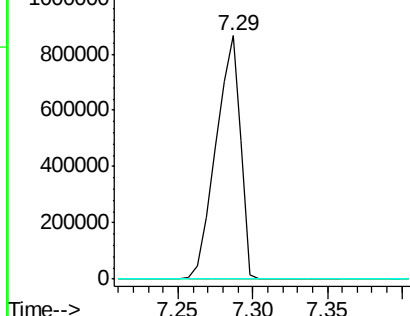
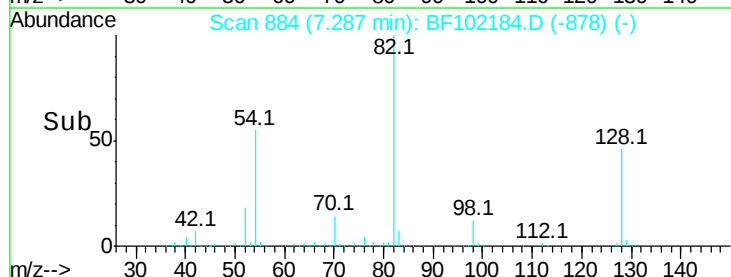
82 100

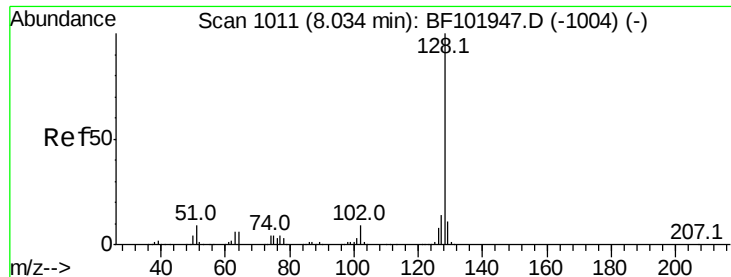
95 0.0 5.2 7.8#

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

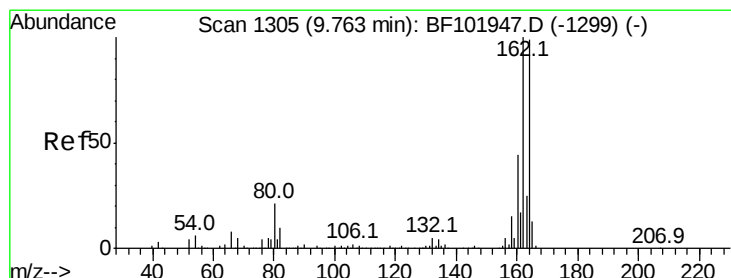
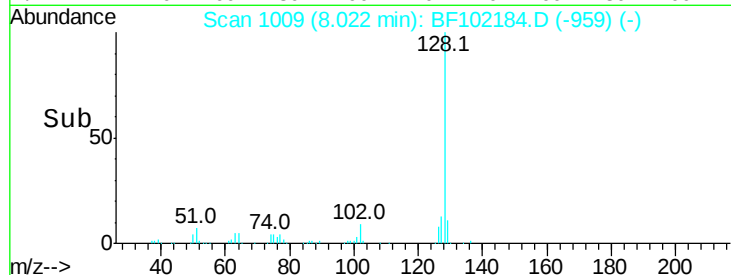
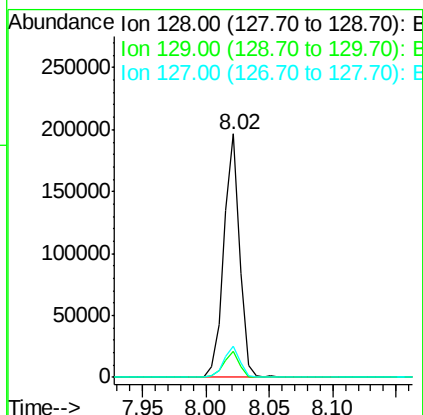
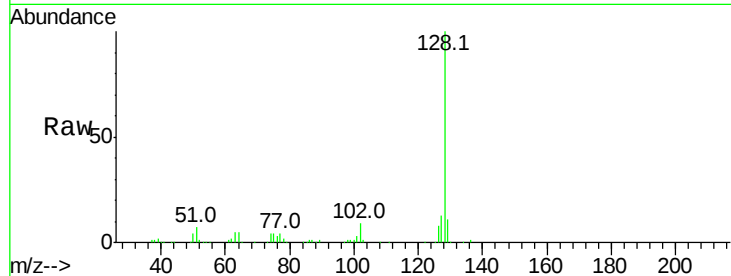




#31
Naphthalene
Concen: 5.460 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF102184.D
Acq: 18 Jan 2018 7:42

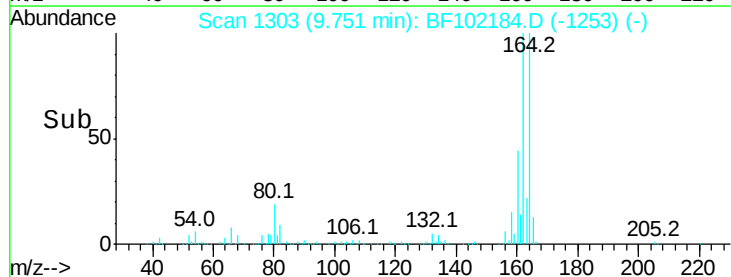
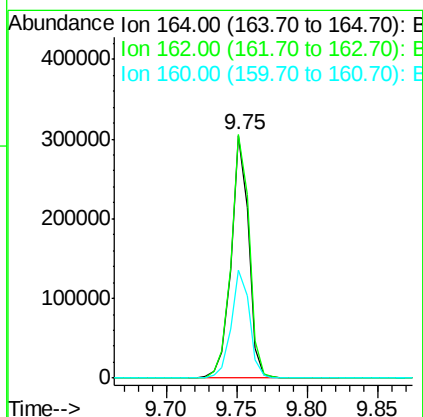
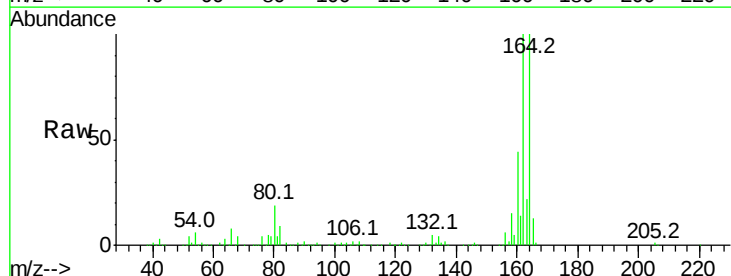
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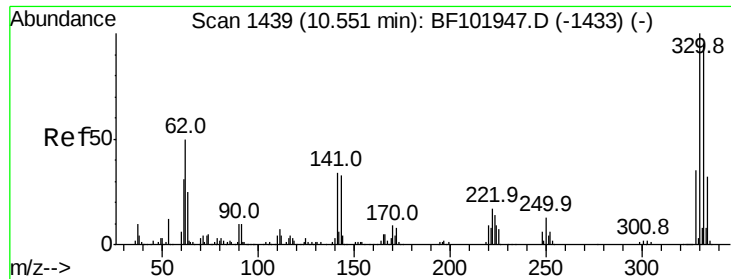
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.6	10.9	16.3



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102184.D
Acq: 18 Jan 2018 7:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	86.1	129.1
160	44.5	38.3	57.5

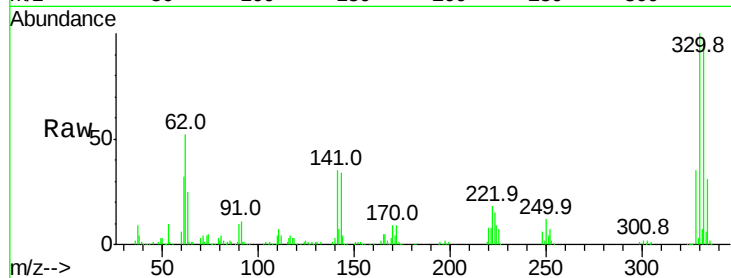




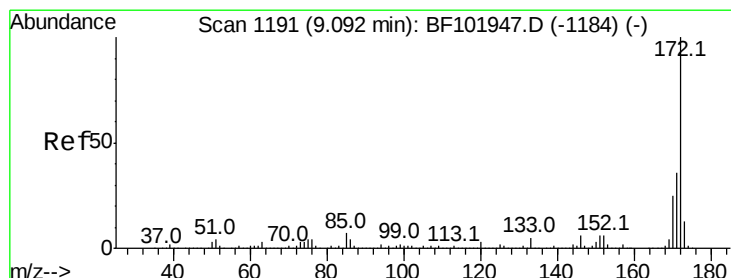
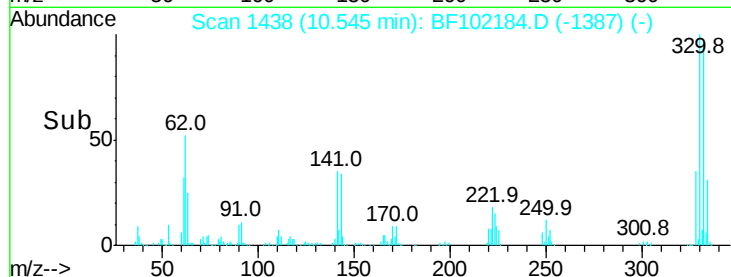
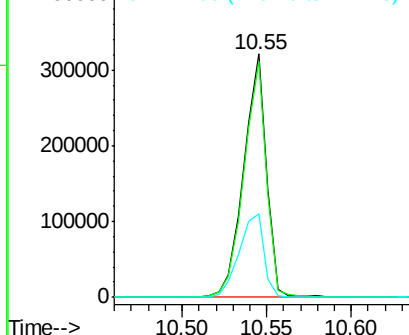
#41
 2,4,6-Tribromophenol
 Concen: 132.266 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102184.D
 Acq: 18 Jan 2018 7:42

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion:330 Resp: 302755
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 37.8 29.9 44.9

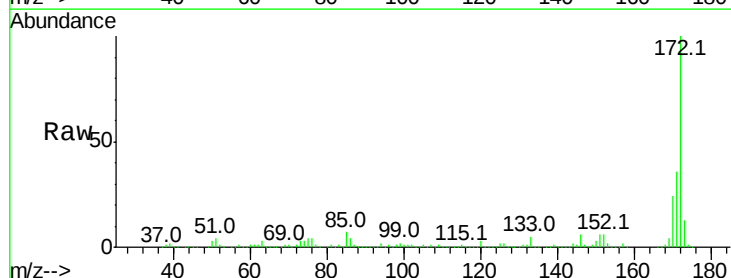


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

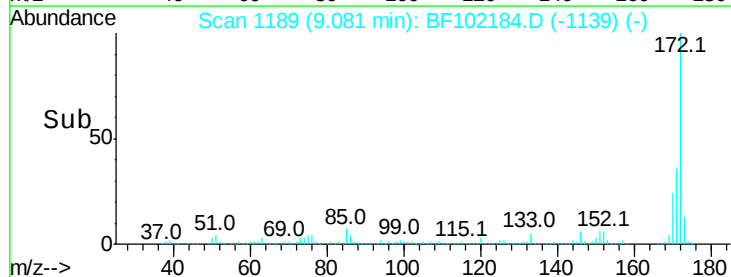
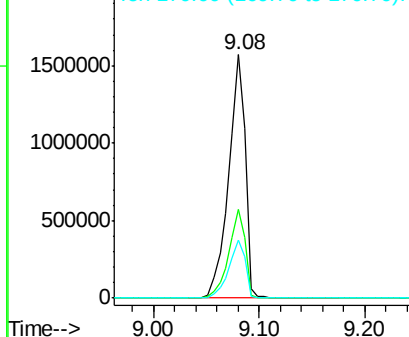


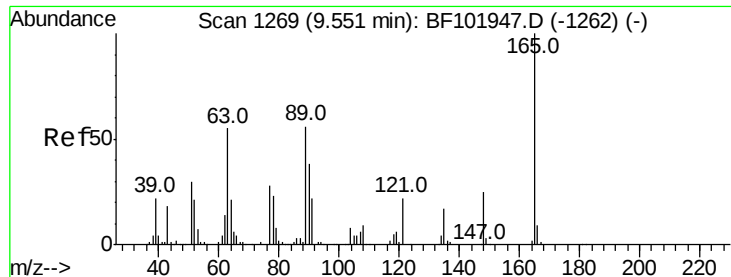
#44
 2-Fluorobiphenyl
 Concen: 101.649 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102184.D
 Acq: 18 Jan 2018 7:42

Tgt Ion:172 Resp: 1706592
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.0 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

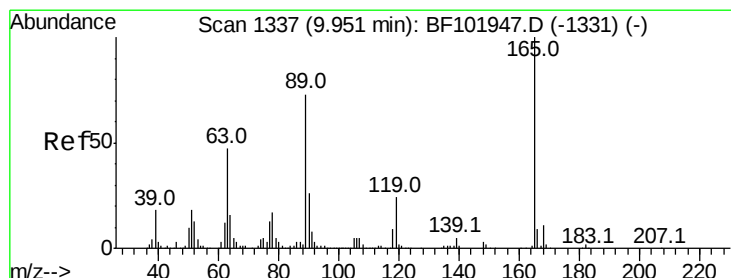
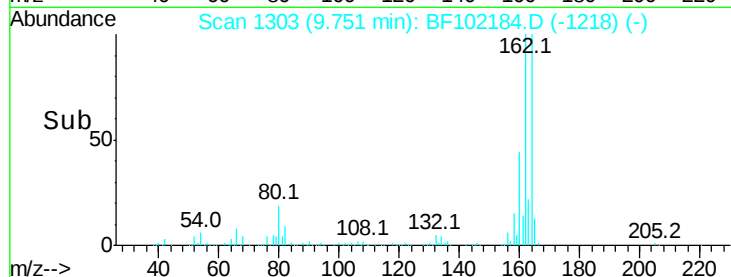
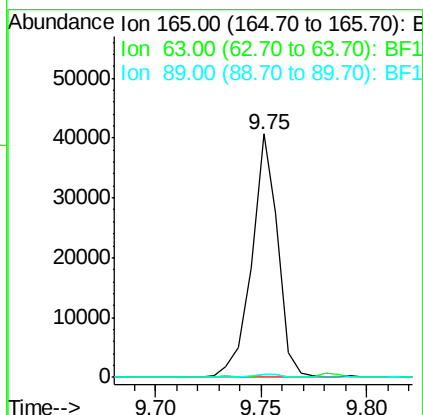
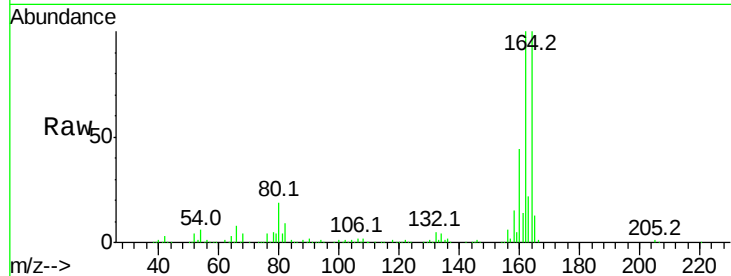




#50
2,6-Dinitrotoluene
Concen: 8.284 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.20 min
Lab File: BF102184.D
Acq: 18 Jan 2018 7:42

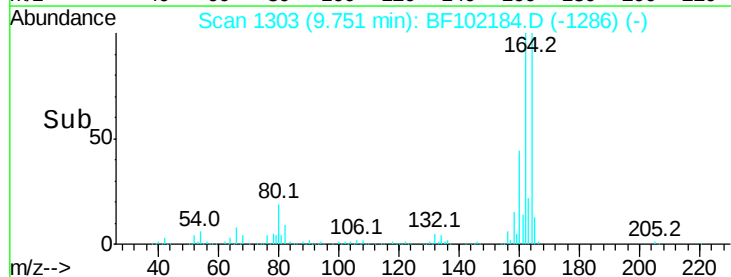
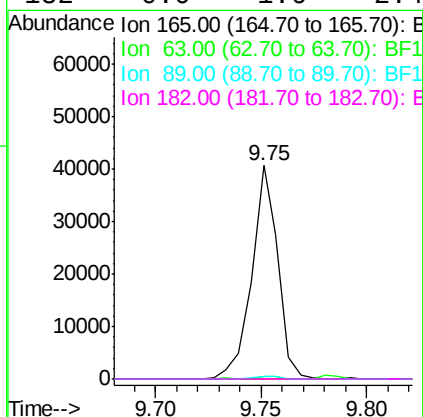
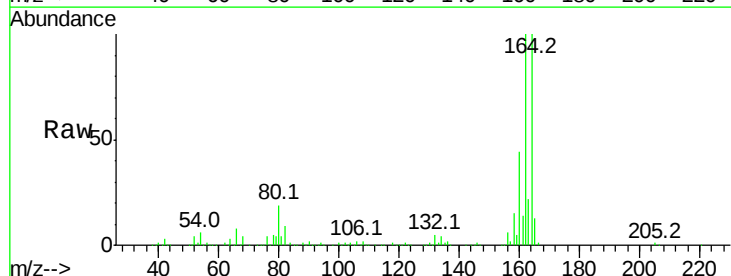
Instrument :
BNA_F
ClientSampleId :
OILY-STONES

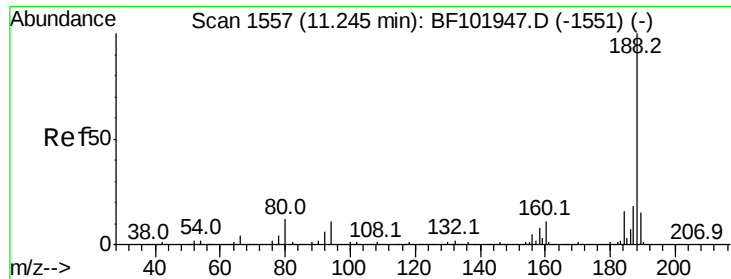
Tot Ion:165 Resp: 34816
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.3 44.0 66.0#



#56
2,4-Dinitrotoluene
Concen: 6.609 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102184.D
Acq: 18 Jan 2018 7:42

Tgt Ion:165 Resp: 34816
Ion Ratio Lower Upper
165 100
63 1.0 36.4 54.6#
89 1.3 57.8 86.6#
182 0.0 1.6 2.4#

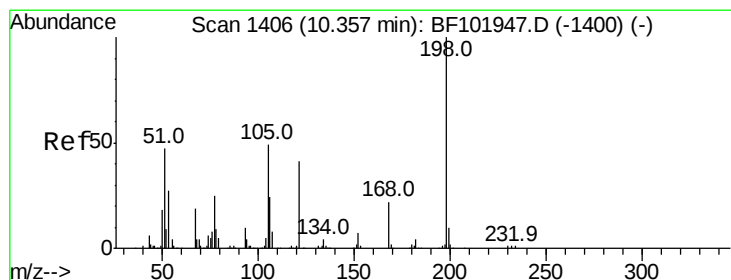
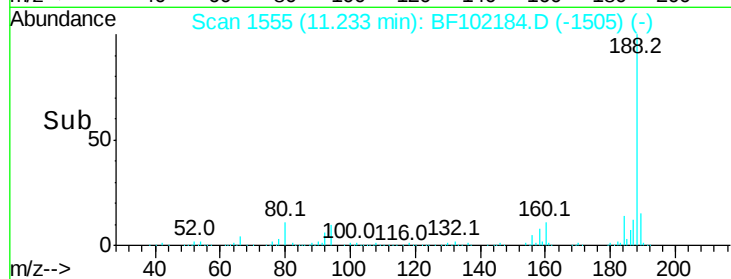
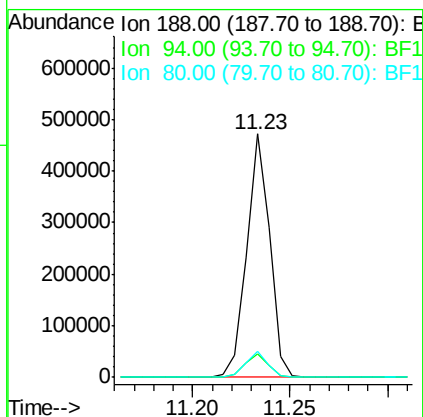
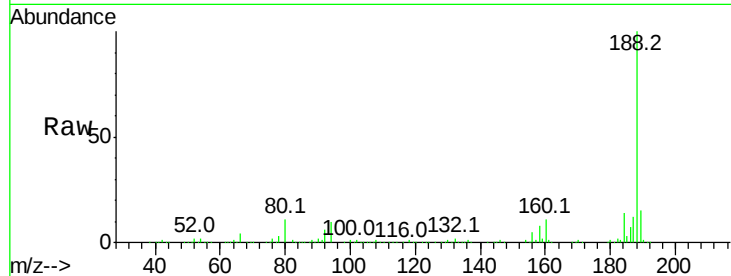




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102184.D
Acq: 18 Jan 2018 7:42

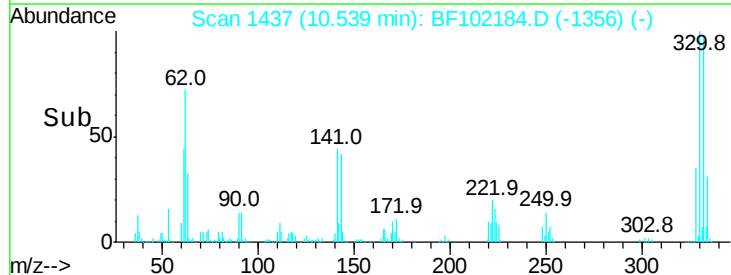
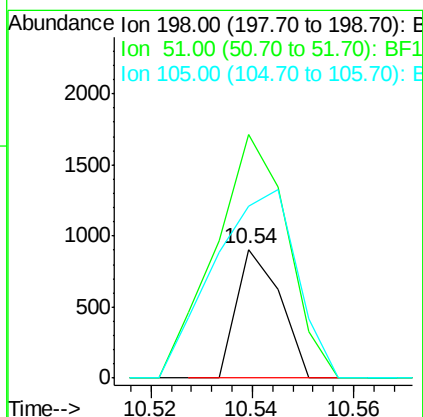
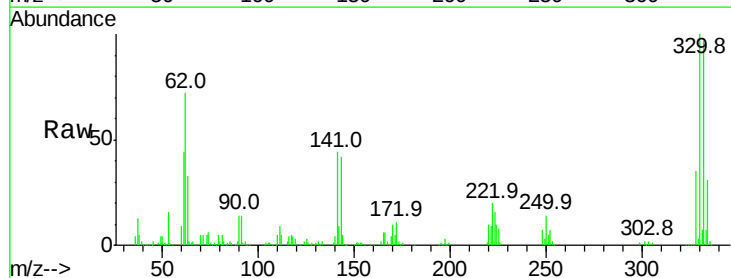
Instrument :
BNA_F
ClientSampleId :
OILY-STONES

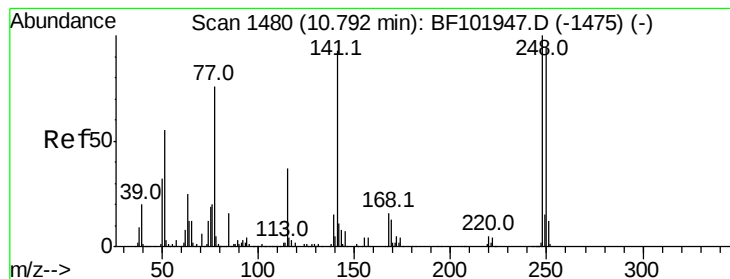
Tot Ion:188 Resp: 384504
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.890 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF102184.D
Acq: 18 Jan 2018 7:42

Tgt Ion:198 Resp: 540
Ion Ratio Lower Upper
198 100
51 188.9 37.7 77.7#
105 133.4 36.3 76.3#





#66

4-Bromophenyl-phenylether

Concen: 4.643 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.24 min

Lab File: BF102184.D

Acq: 18 Jan 2018 7:42

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

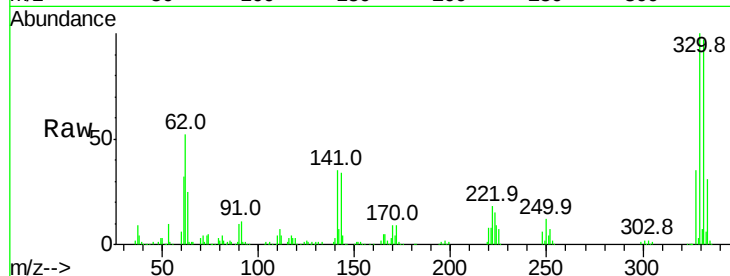
Tot Ion:248 Resp: 18854

Ion Ratio Lower Upper

248 100

250 194.2 76.9 115.3#

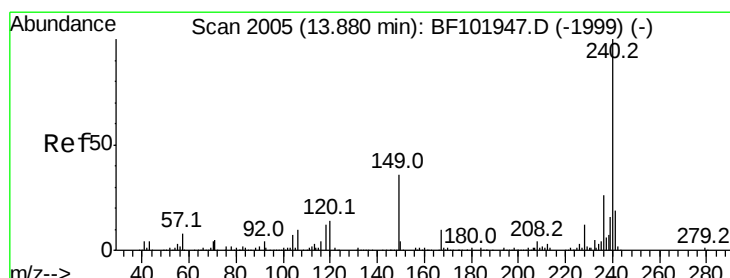
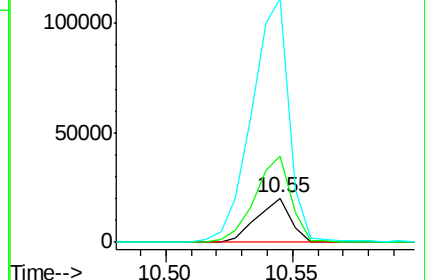
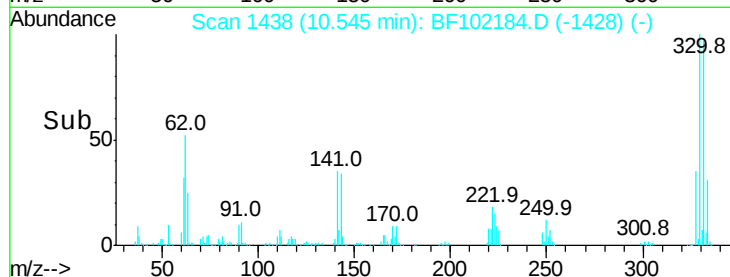
141 552.0 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF102184.D

Acq: 18 Jan 2018 7:42

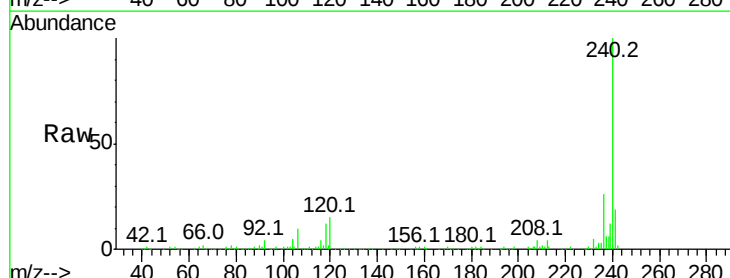
Tgt Ion:240 Resp: 261784

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

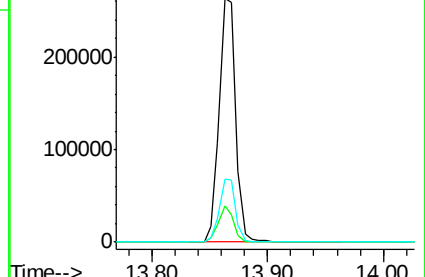
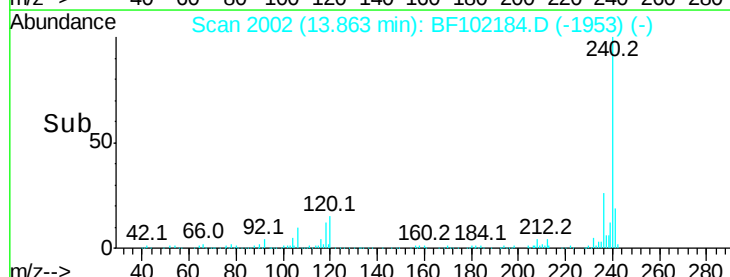
236 26.0 20.7 31.1

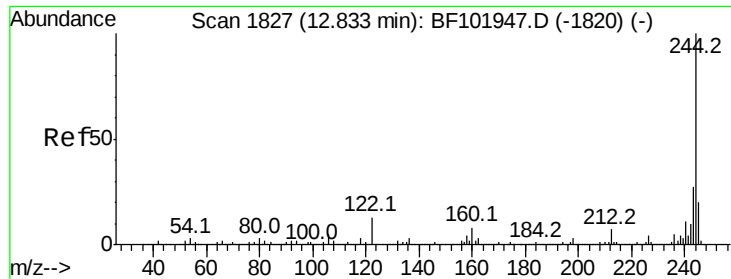


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



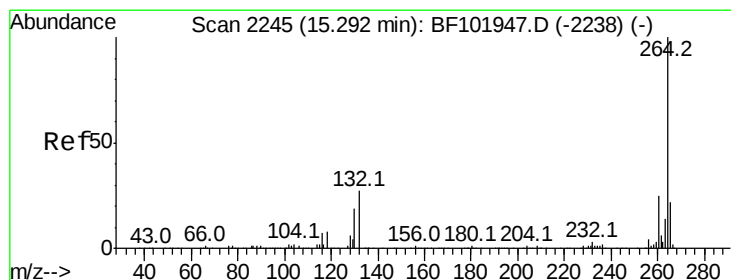
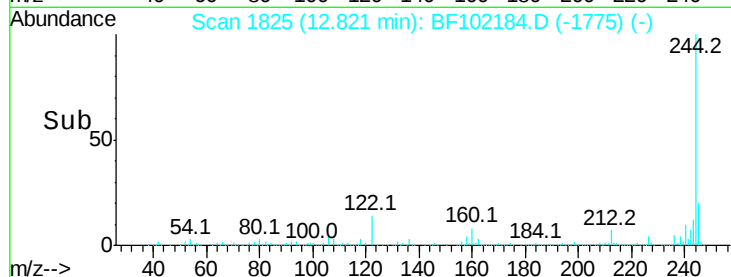
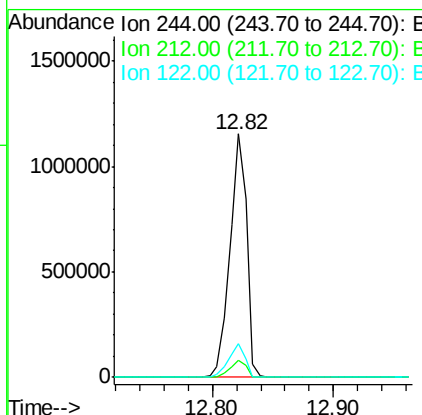
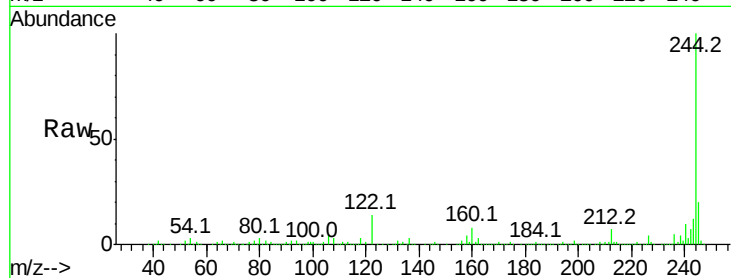


#78
 Terphenyl-d14
 Concen: 88.153 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102184.D
 Acq: 18 Jan 2018 7:42

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion:244 Resp: 1111467

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.6	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: BF102184.D
 Acq: 18 Jan 2018 7:42

Tgt Ion:264 Resp: 244684

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.5	17.5	26.3

