

Data File : BF108901.D
Acq On : 10 Sep 2018 18:57
Operator : JU/SJ
Sample : J4829-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-STONES-3-4FT

Quant Time: Sep 11 02:58:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

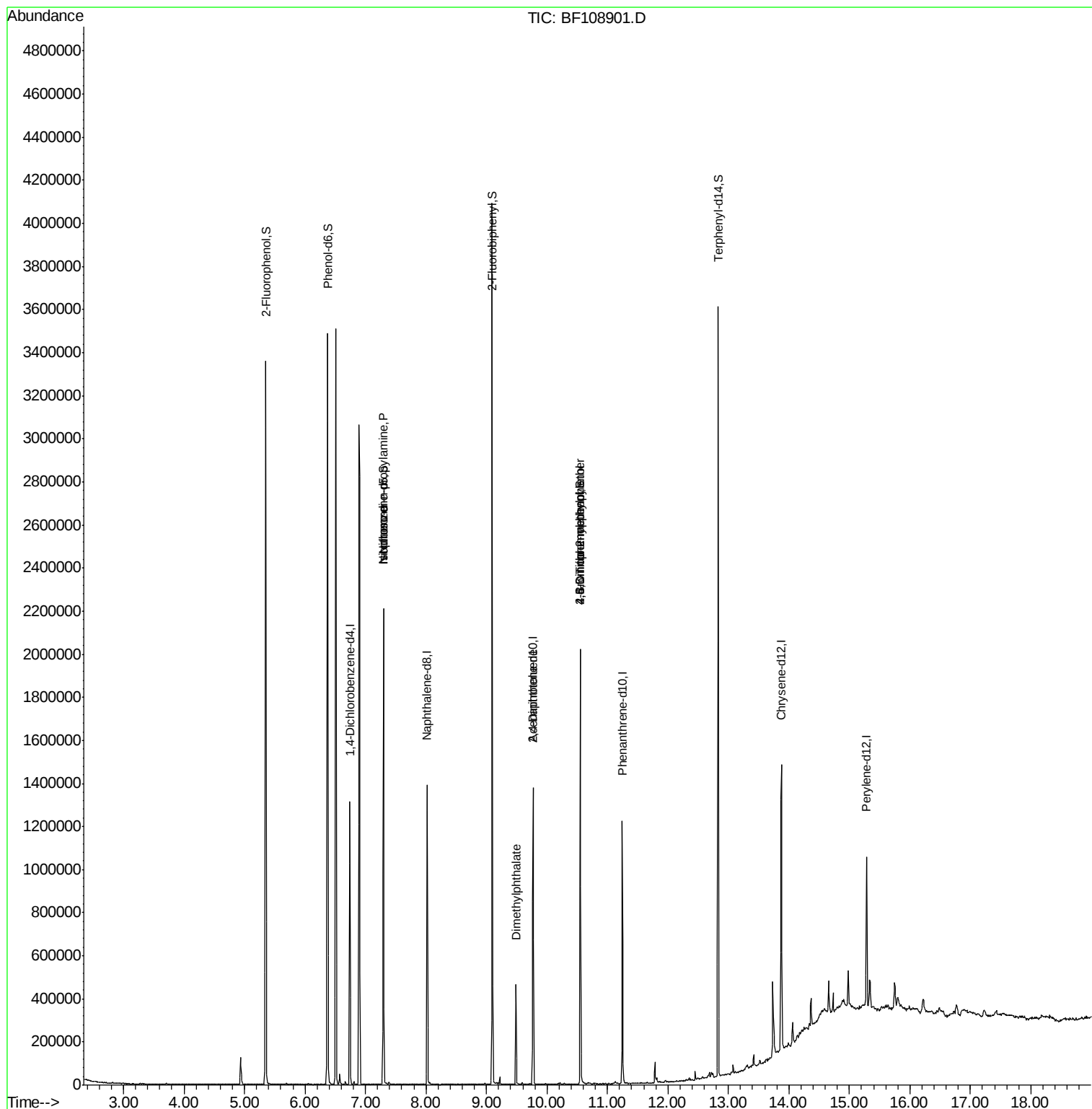
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	178289	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	609743	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	240234	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	410035	20.00	ng	0.00
75) Chrysene-d12	13.88	240	448295	20.00	ng	0.01
86) Perylene-d12	15.29	264	328935	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	985621	91.58	ng	0.02
7) Phenol-d6	6.38	99	1236260	89.28	ng	0.01
23) Nitrobenzene-d5	7.30	82	736888	75.63	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	222275	96.92	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1246628	88.53	ng	0.00
78) Terphenyl-d14	12.83	244	1141597	59.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	98107	10.193	ng	# 76
25) Isophorone	7.30	82	734391	37.788	ng	# 64
49) Dimethylphthalate	9.49	163	177505	10.564	ng	# 98
56) 2,4-Dinitrotoluene	9.77	165	30614	7.477	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	383	7.072	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	13726	2.964	ng	# 1

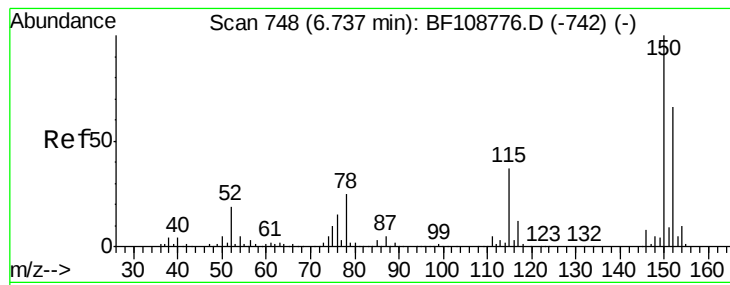
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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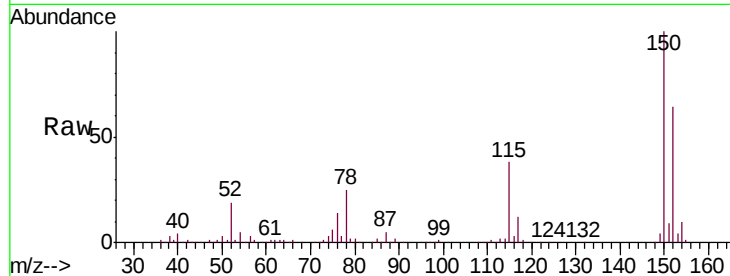




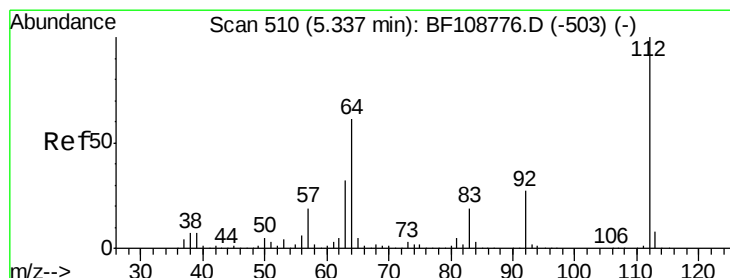
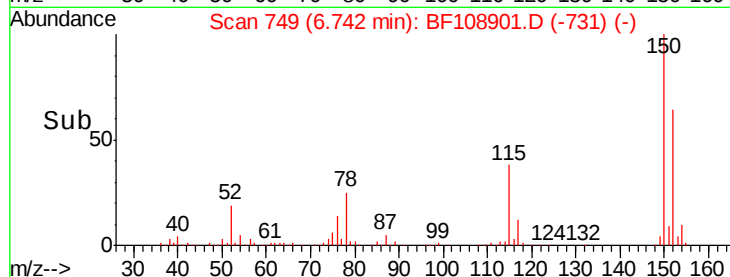
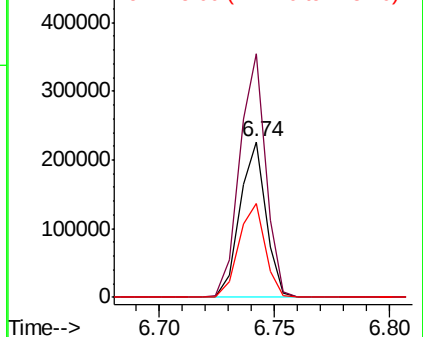
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF108901.D
 Acq: 10 Sep 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES-3-4FT

Tgt Ion:152 Resp: 178289
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.6 186.8
 115 60.0 50.1 75.1

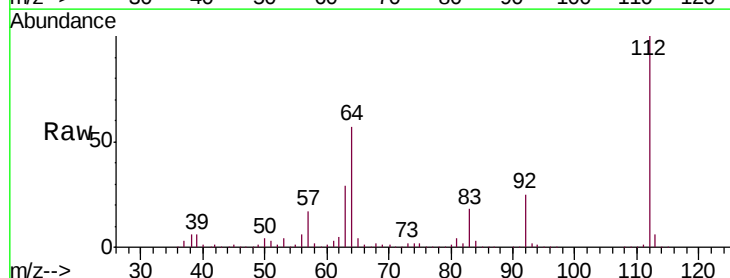


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

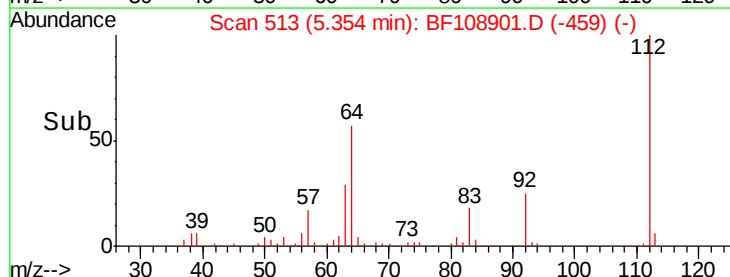
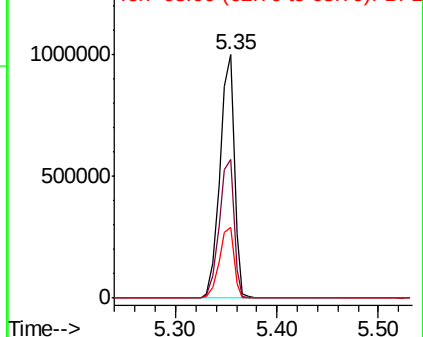


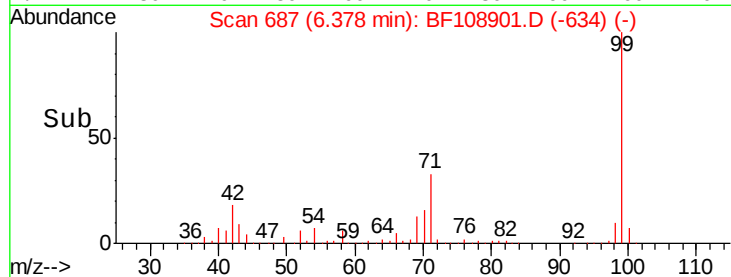
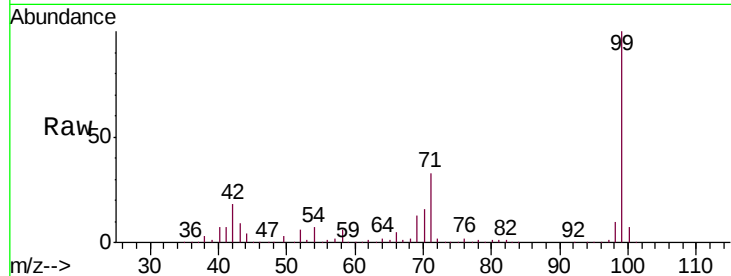
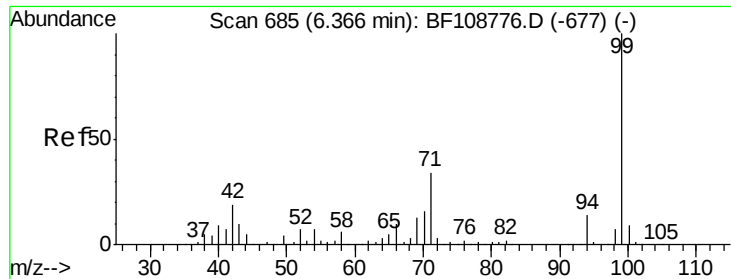
#5
 2-Fluorophenol
 Concen: 91.584 ng
 RT: 5.35 min Scan# 513
 Delta R.T. 0.02 min
 Lab File: BF108901.D
 Acq: 10 Sep 2018 18:57

Tgt Ion:112 Resp: 985621
 Ion Ratio Lower Upper
 112 100
 64 57.1 47.9 71.9
 63 29.2 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: 89.281 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108901.D

Acq: 10 Sep 2018 18:57

Instrument :

BNA_F

ClientSampleId :

OILY-STONES-3-4FT

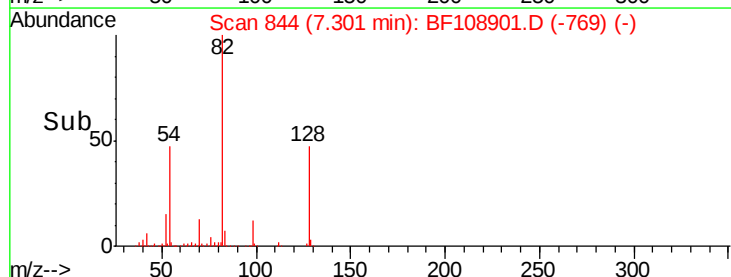
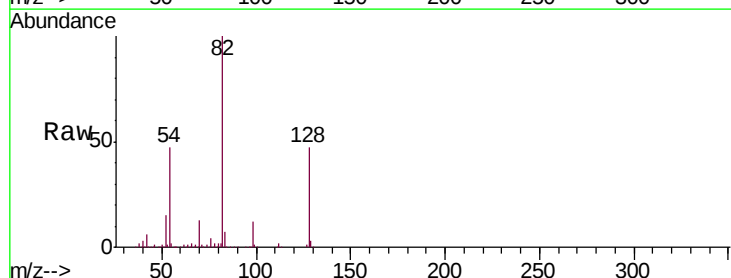
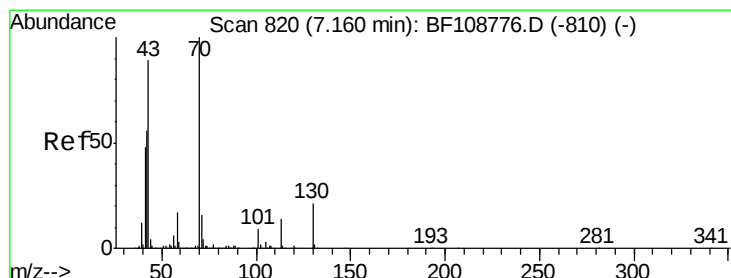
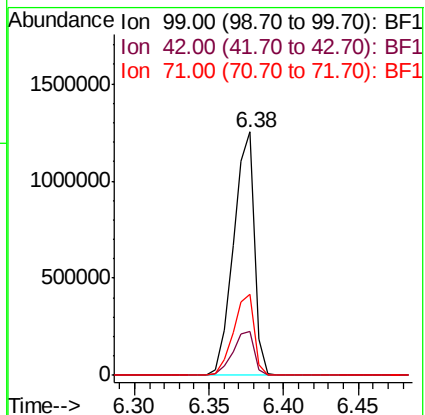
Tgt Ion: 99 Resp: 1236260

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

71 33.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.193 ng

RT: 7.30 min Scan# 844

Delta R.T. 0.14 min

Lab File: BF108901.D

Acq: 10 Sep 2018 18:57

Tgt Ion: 70 Resp: 98107

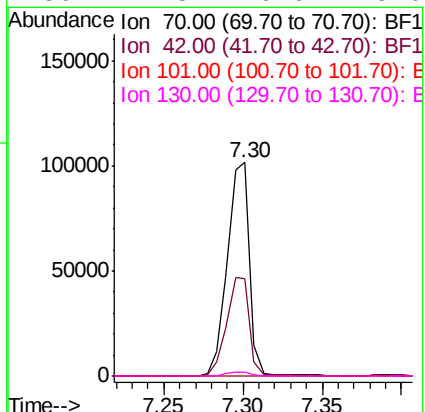
Ion Ratio Lower Upper

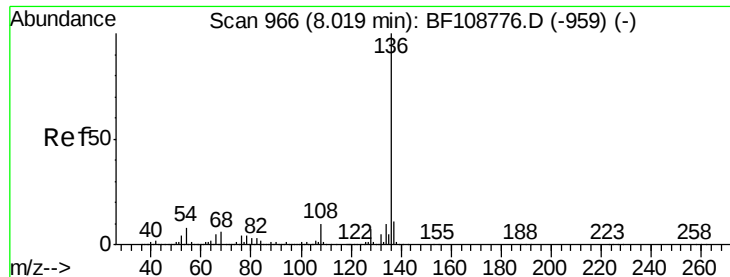
70 100

42 45.4 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

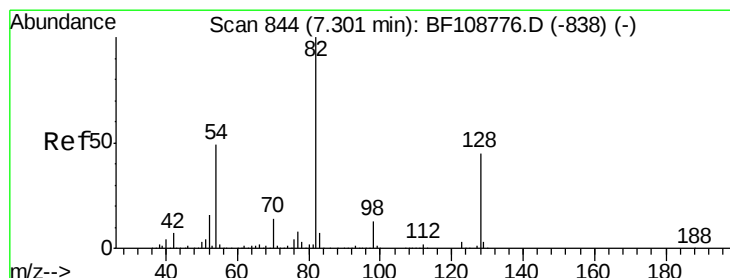
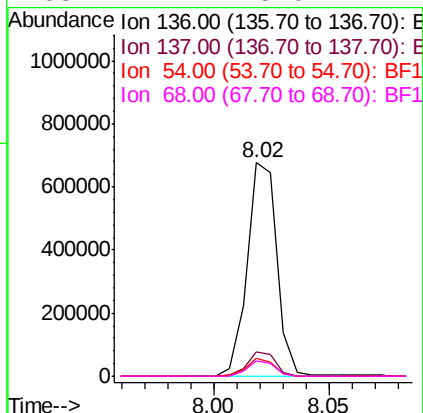
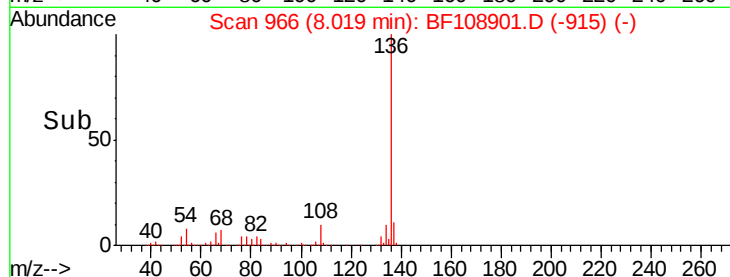
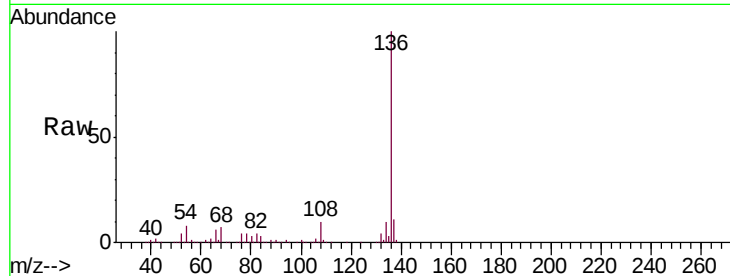




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108901.D
Acq: 10 Sep 2018 18:57

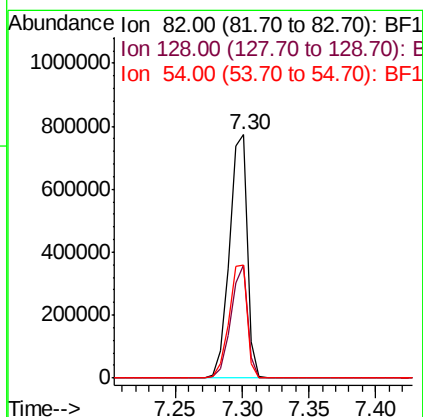
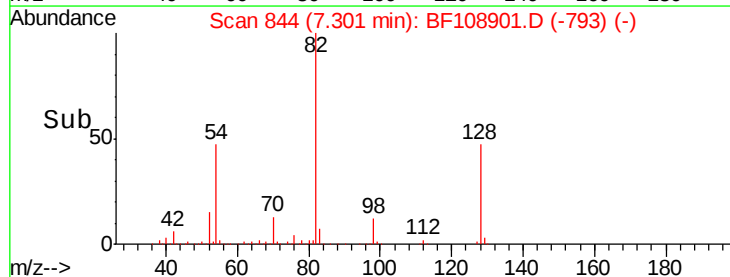
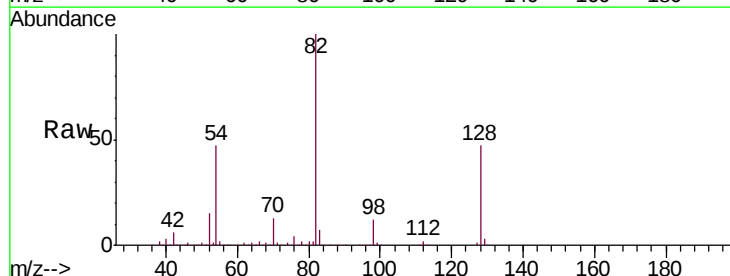
Instrument :
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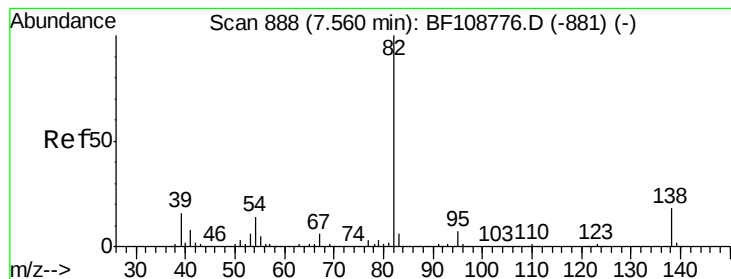
Tgt Ion:	136	Resp:	609743
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.3	6.6	9.8
68	7.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 75.630 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108901.D
Acq: 10 Sep 2018 18:57

Tgt Ion:	82	Resp:	736888
Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	46.6	41.4	62.2





#25

Isophorone

Concen: 37.788 ng

RT: 7.30 min Scan# 844

Delta R.T. -0.26 min

Lab File: BF108901.D

Acq: 10 Sep 2018 18:57

Instrument :

BNA_F

ClientSampleId :

OILY-STONES-3-4FT

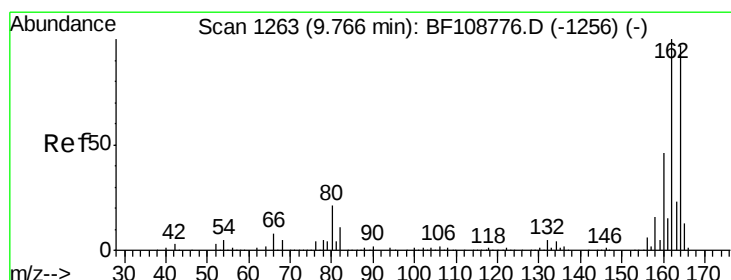
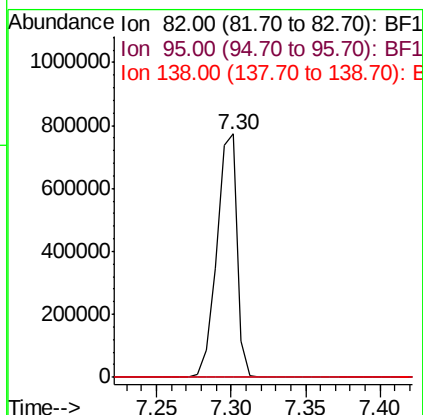
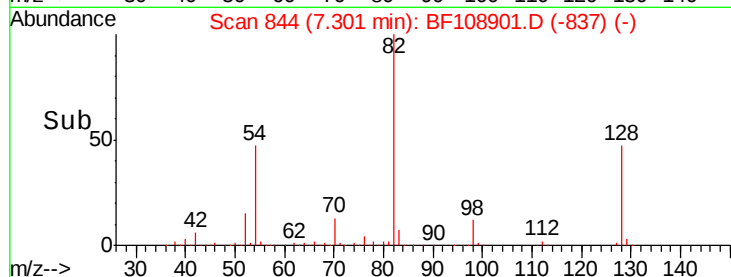
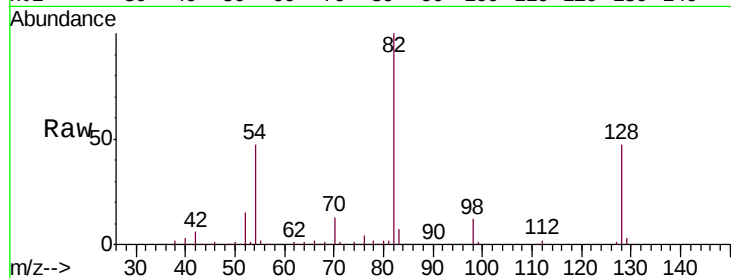
Tgt Ion: 82 Resp: 734391

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BF108901.D

Acq: 10 Sep 2018 18:57

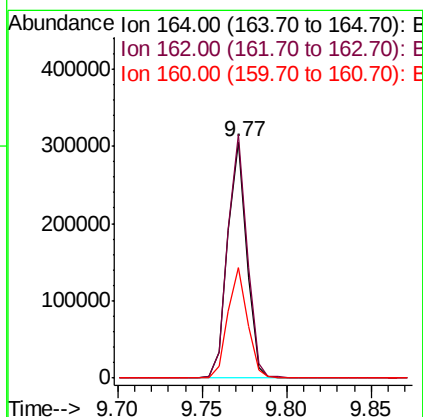
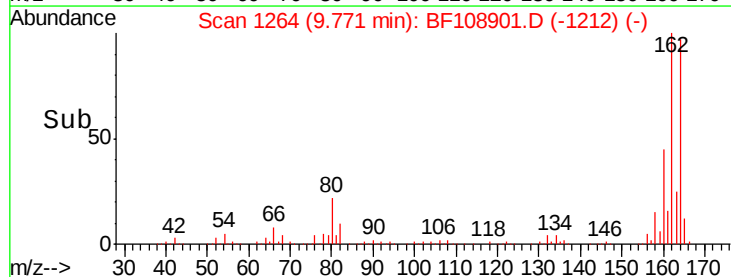
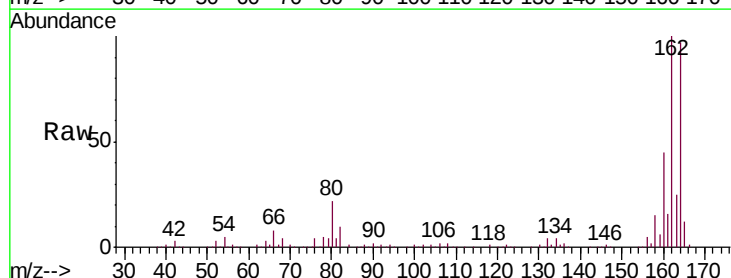
Tgt Ion: 164 Resp: 240234

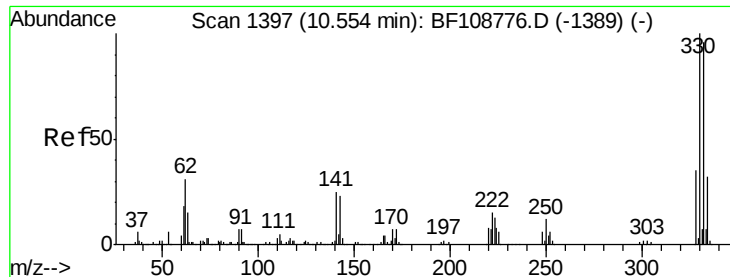
Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

160 46.7 38.3 57.5

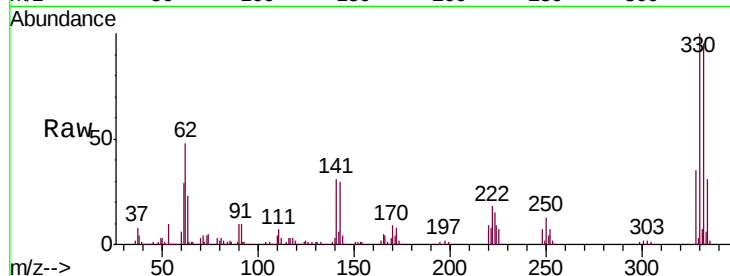




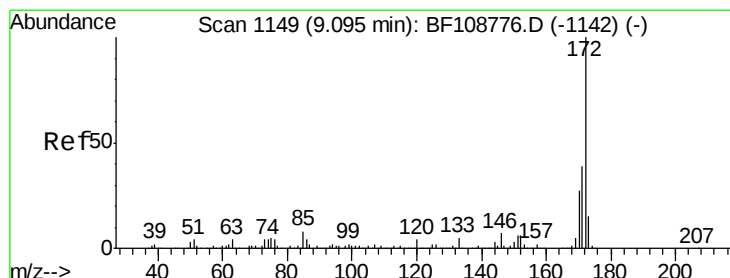
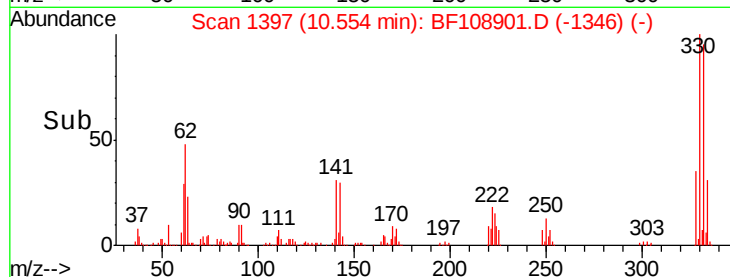
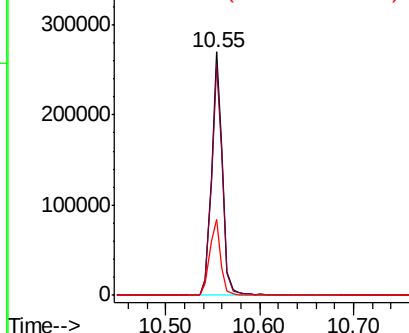
#41
 2,4,6-Tribromophenol
 Concen: 96.920 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108901.D
 Acq: 10 Sep 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES-3-4FT

Tgt Ion:330 Resp: 222275
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 31.3 29.9 44.9

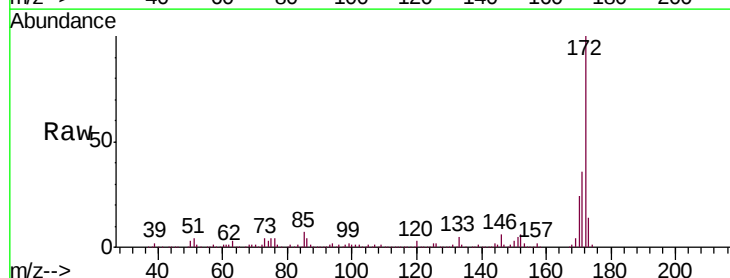


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

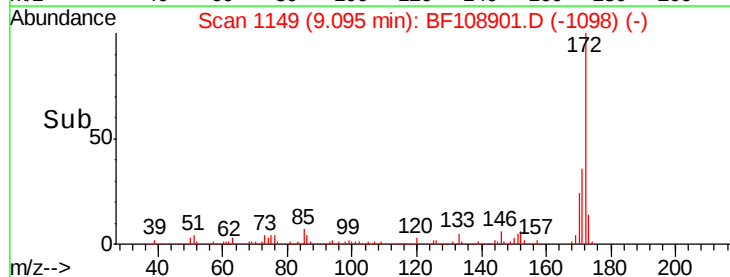
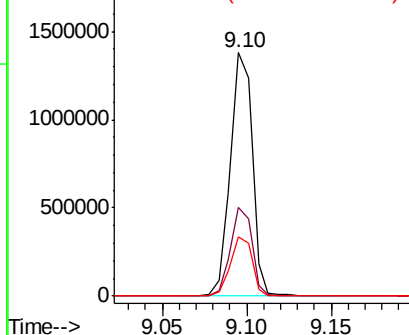


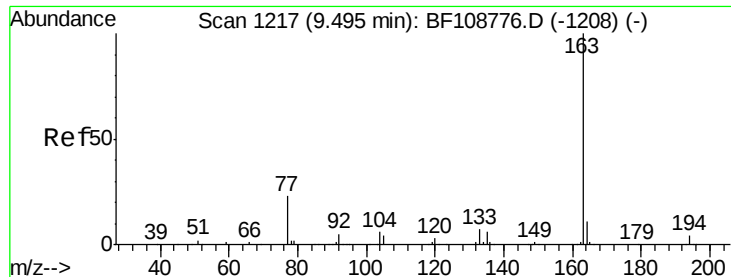
#44
 2-Fluorobiphenyl
 Concen: 88.527 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108901.D
 Acq: 10 Sep 2018 18:57

Tgt Ion:172 Resp: 1246628
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.3 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

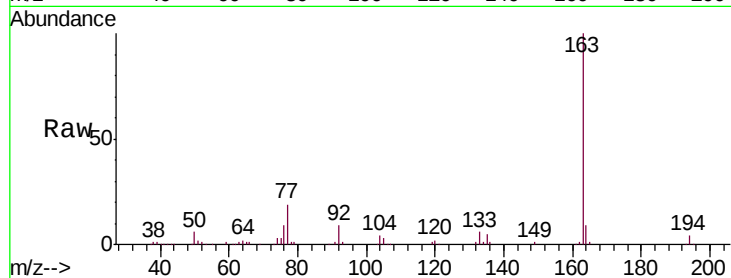




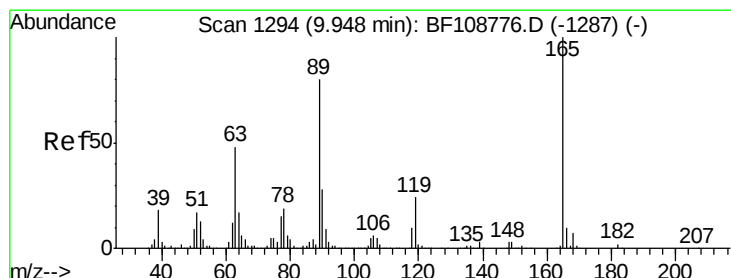
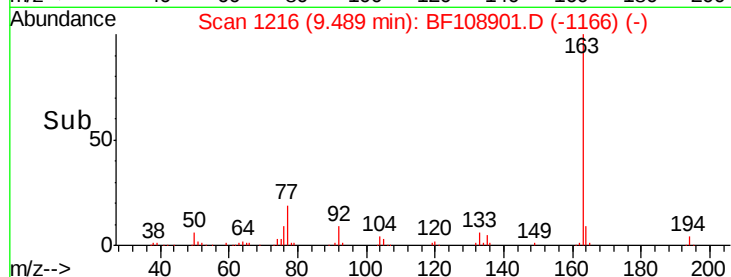
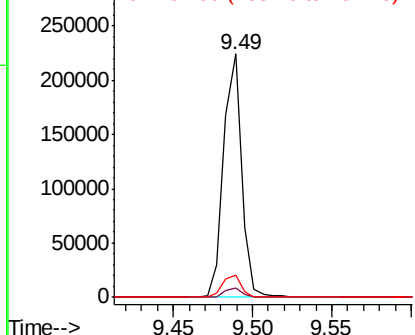
#49
Dimethylphthalate
Concen: 10.564 ng
RT: 9.49 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF108901.D
Acq: 10 Sep 2018 18:57

Instrument :
BNA_F
ClientSampleId :
OILY-STONES-3-4FT

Tgt Ion:163 Resp: 177505
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.2 8.2 12.2

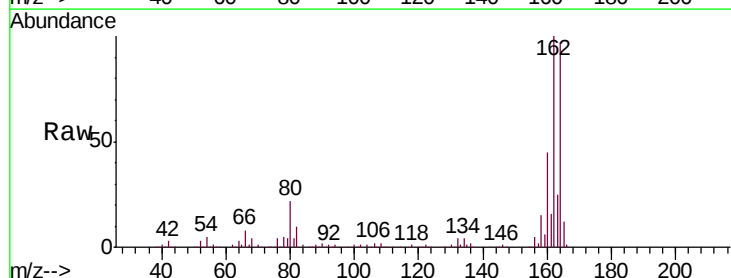


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

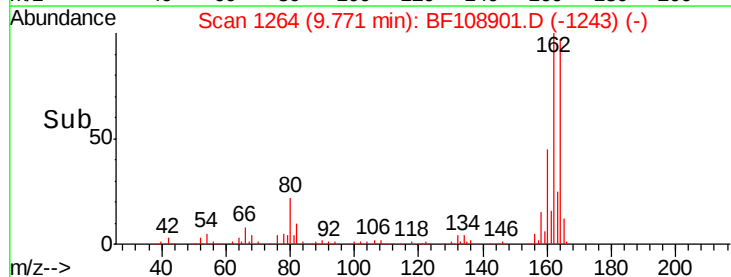
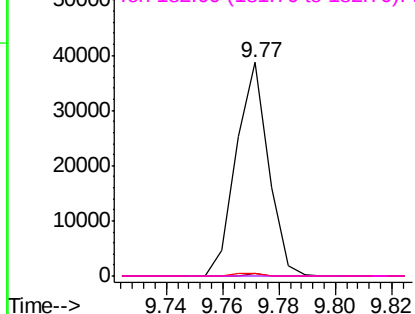


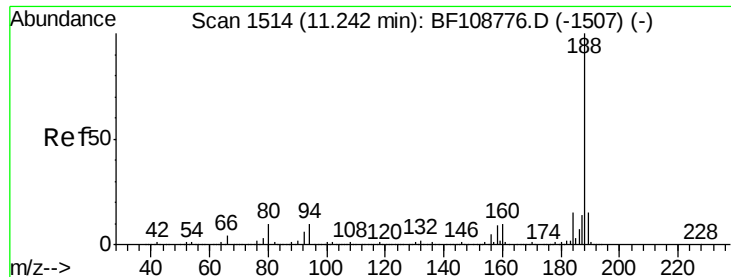
#56
2,4-Dinitrotoluene
Concen: 7.477 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.18 min
Lab File: BF108901.D
Acq: 10 Sep 2018 18:57

Tgt Ion:165 Resp: 30614
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.1 57.8 86.6#
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

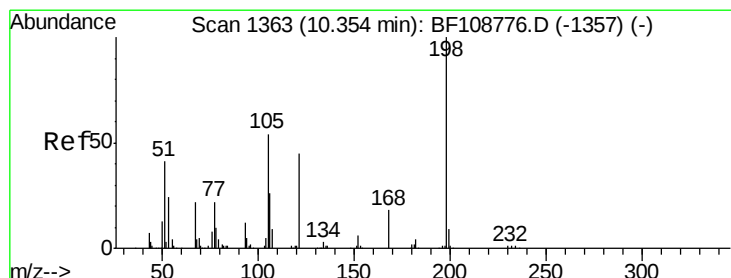
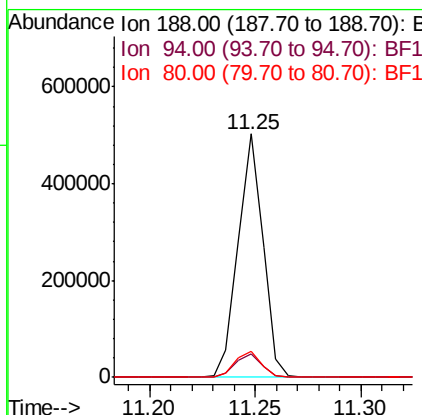
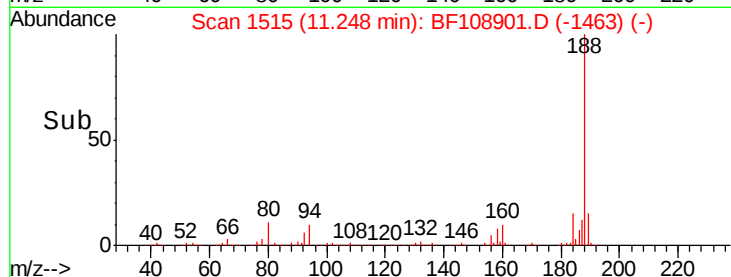
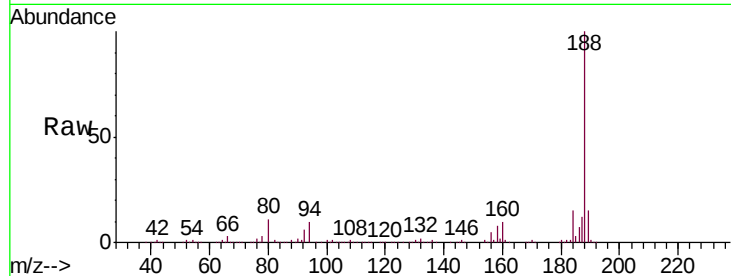




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF108901.D
 Acq: 10 Sep 2018 18:57

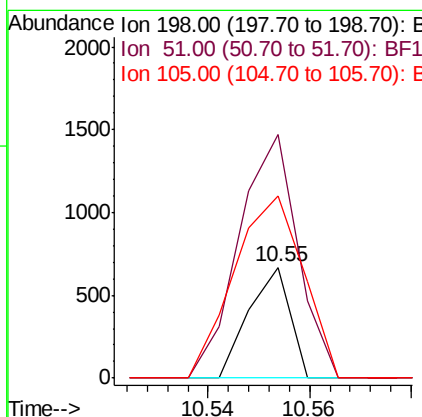
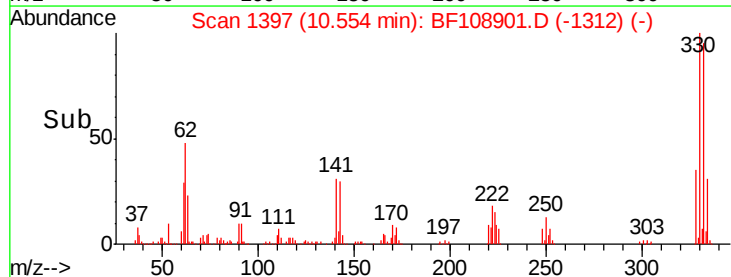
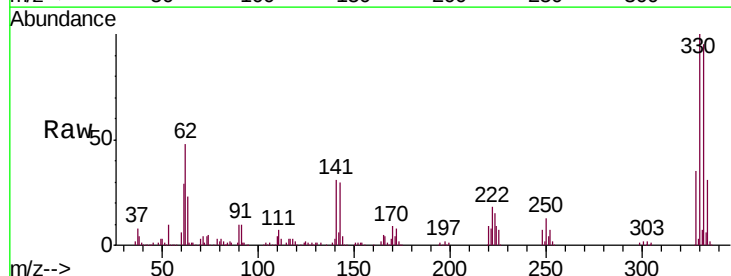
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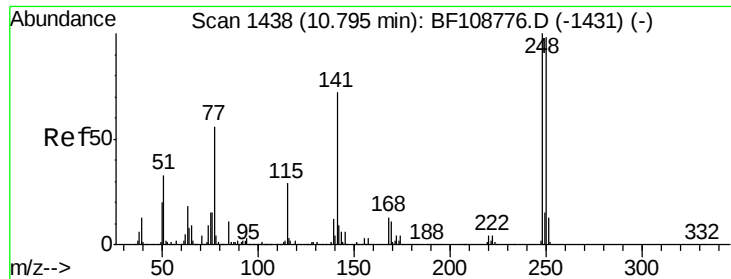
Tgt Ion:188 Resp: 410035
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 10.6 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.072 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.20 min
 Lab File: BF108901.D
 Acq: 10 Sep 2018 18:57

Tgt Ion:198 Resp: 383
 Ion Ratio Lower Upper
 198 100
 51 219.4 37.7 77.7#
 105 164.0 36.3 76.3#

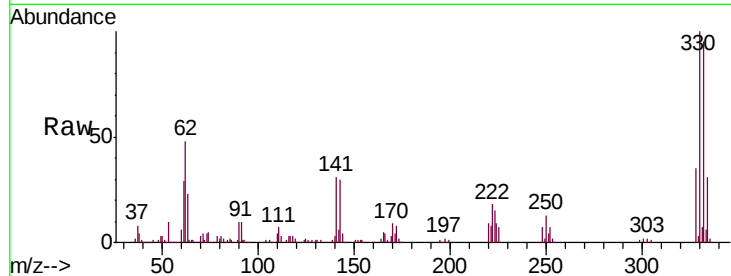




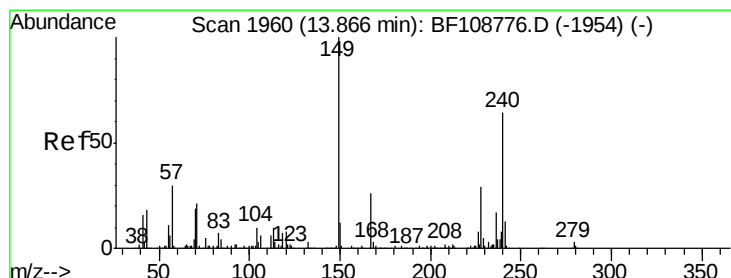
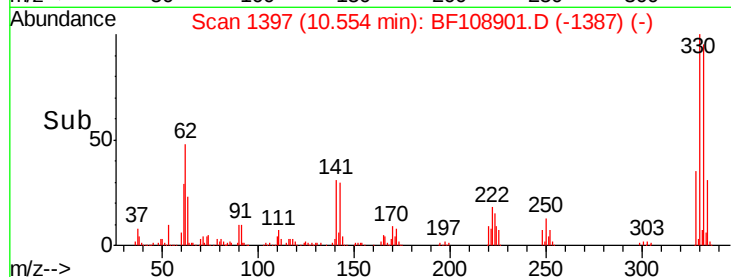
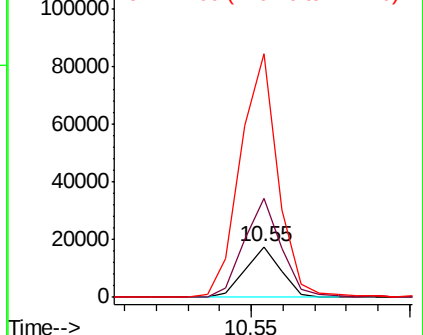
#66
4-Bromophenyl-phenylether
Concen: 2.964 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.24 min
Lab File: BF108901.D
Acq: 10 Sep 2018 18:57

Instrument :
BNA_F
ClientSampleId :
OILY-STONES-3-4FT

Tgt Ion:248 Resp: 13726
Ion Ratio Lower Upper
248 100
250 193.8 76.9 115.3#
141 479.4 74.4 111.6#

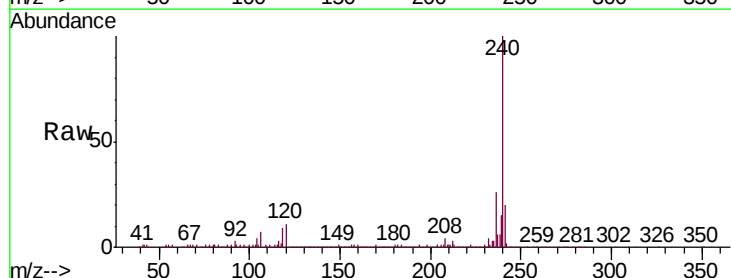


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

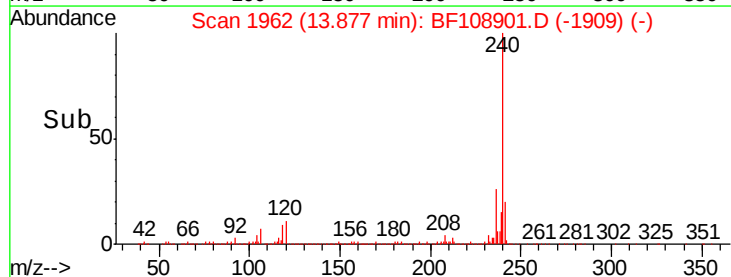
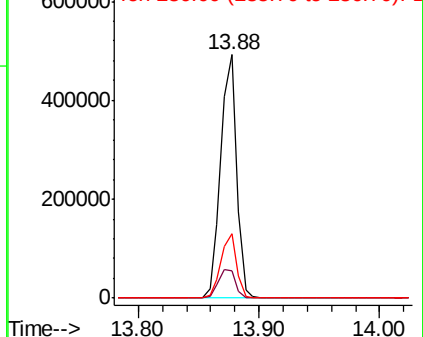


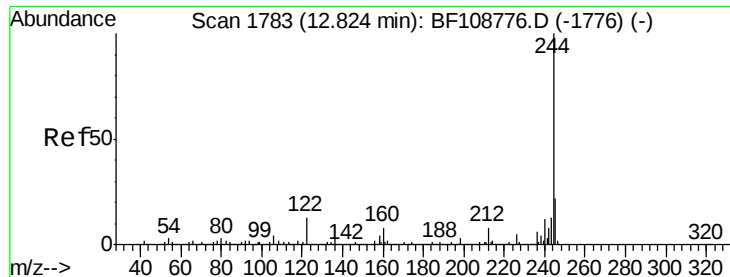
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BF108901.D
Acq: 10 Sep 2018 18:57

Tgt Ion:240 Resp: 448295
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 26.3 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: 59.383 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108901.D

Acq: 10 Sep 2018 18:57

Instrument :

BNA_F

ClientSampleId :

OILY-STONES-3-4FT

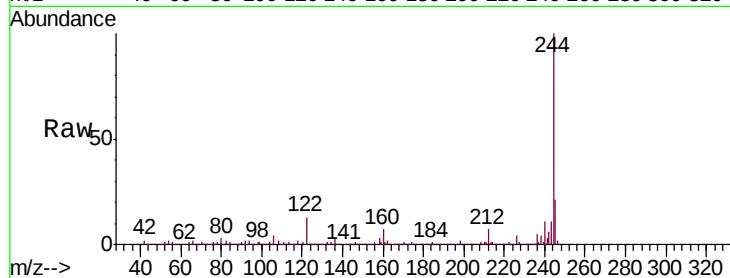
Tgt Ion:244 Resp: 1141597

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

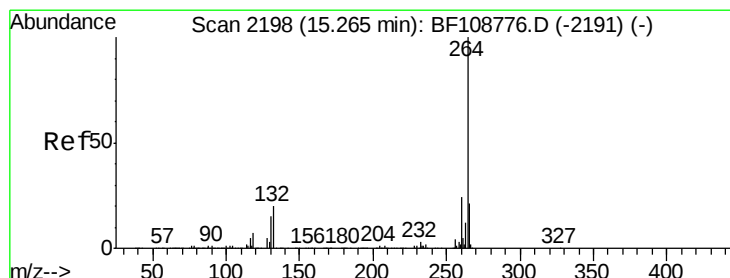
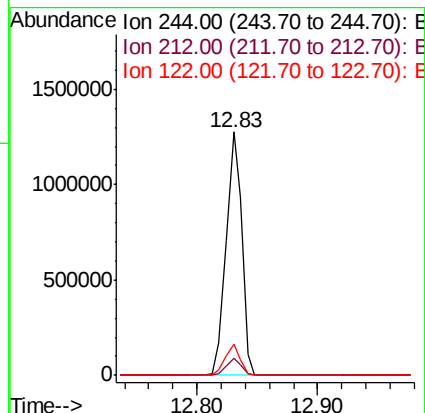
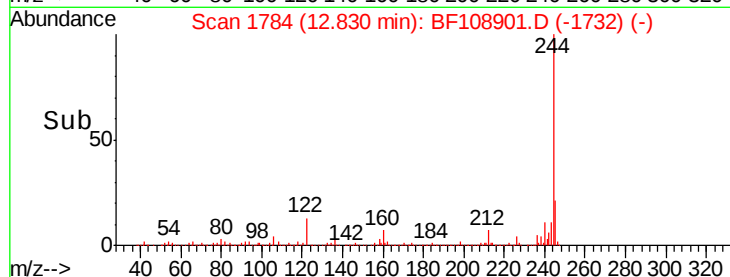
122 12.8 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2202

Delta R.T. 0.02 min

Lab File: BF108901.D

Acq: 10 Sep 2018 18:57

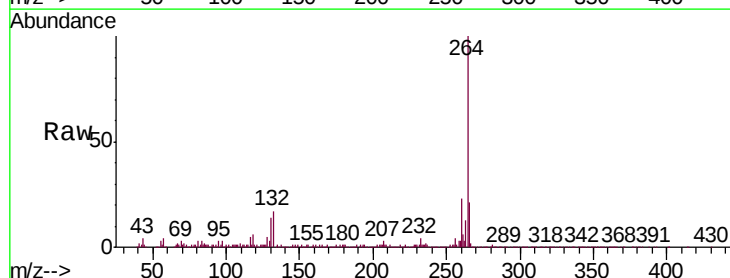
Tgt Ion:264 Resp: 328935

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.0 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

