

Data File : BF108906.D
Acq On : 10 Sep 2018 21:11
Operator : JU/SJ
Sample : J4821-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENY-SB-01-02-03-0-62

Quant Time: Sep 11 03:03:05 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

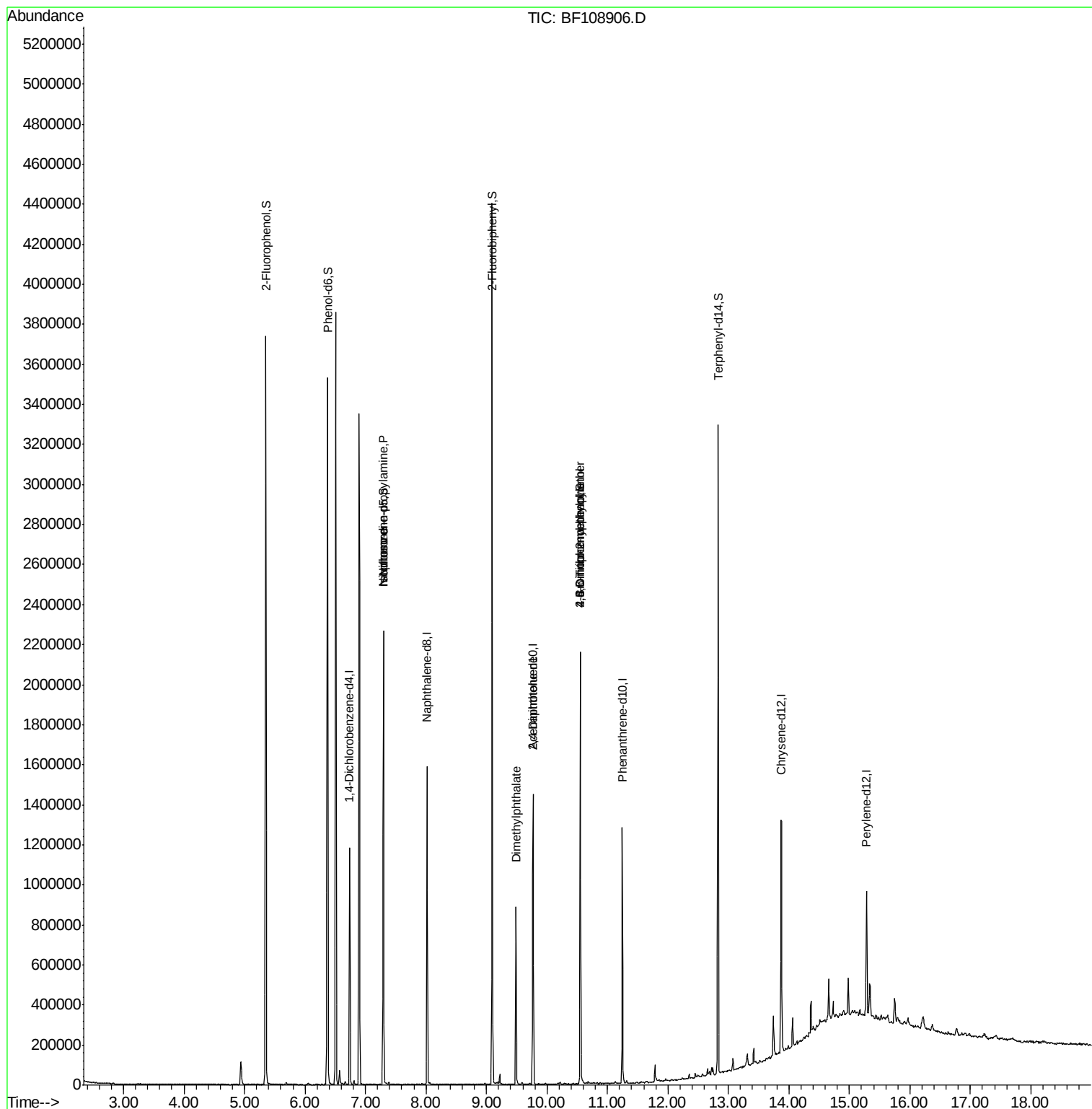
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	177474	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	627771	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	260876	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	421133	20.00	ng	0.00
75) Chrysene-d12	13.88	240	405086	20.00	ng	0.01
86) Perylene-d12	15.28	264	294823	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1051806	98.18	ng	0.02
7) Phenol-d6	6.38	99	1345861	97.64	ng	0.01
23) Nitrobenzene-d5	7.30	82	820511	81.79	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	243852	97.91	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1304449	85.30	ng	0.00
78) Terphenyl-d14	12.83	244	1018234	58.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	108046	11.277	ng	# 80
25) Isophorone	7.30	82	816526	40.807	ng	# 64
49) Dimethylphthalate	9.49	163	332074	18.199	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	33619	7.561	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	352	7.051	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	14547	3.058	ng	# 1

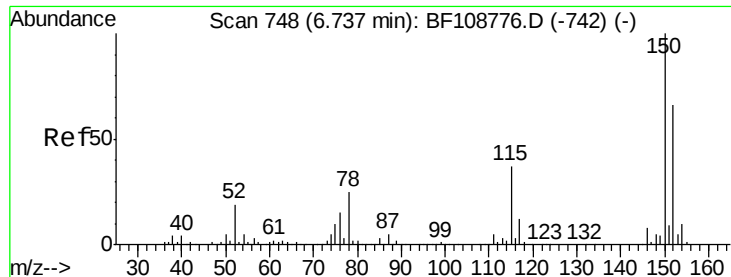
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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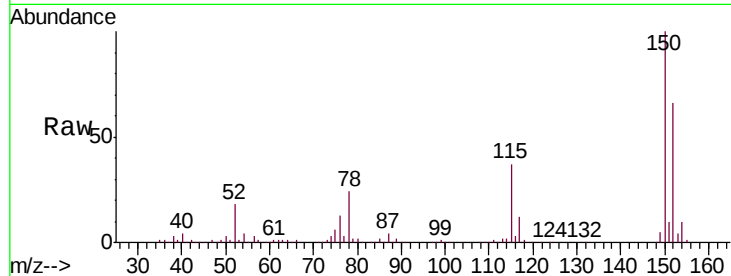




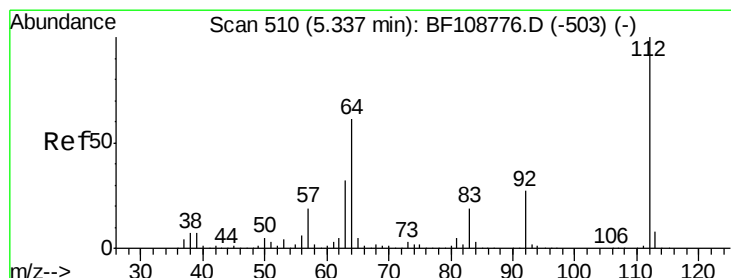
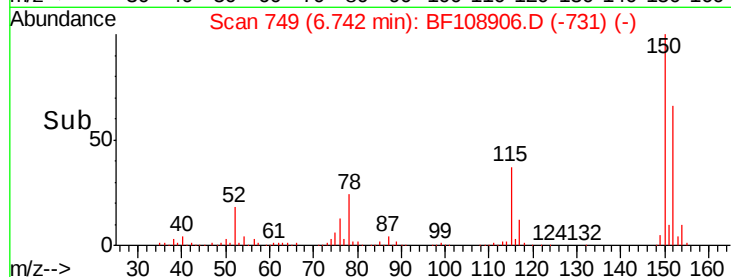
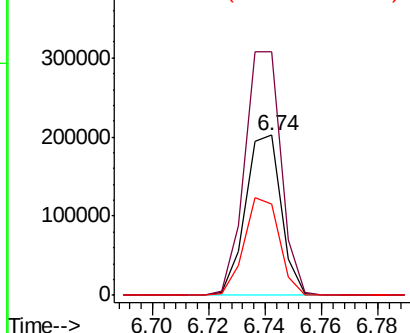
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF108906.D
 Acq: 10 Sep 2018 21:11

Instrument :
 BNA_F
 ClientSampleId :
 ENY-SB-01-02-03-0-62

Tgt Ion:152 Resp: 177474
 Ion Ratio Lower Upper
 152 100
 150 152.1 124.6 186.8
 115 56.6 50.1 75.1

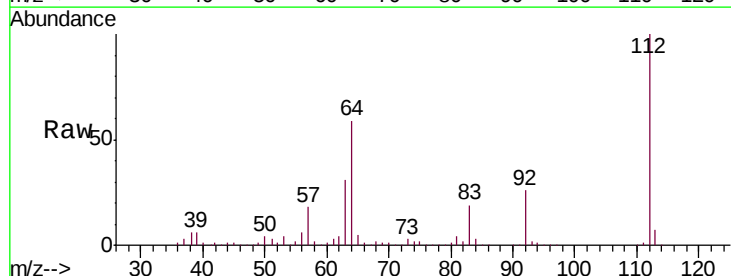


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

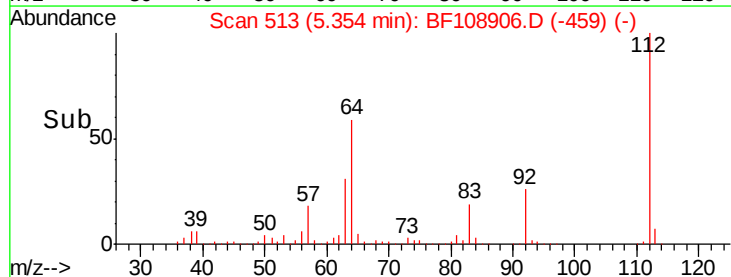
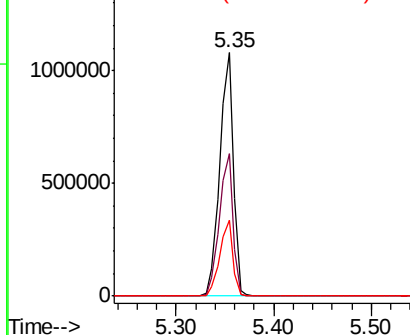


#5
 2-Fluorophenol
 Concen: 98.183 ng
 RT: 5.35 min Scan# 513
 Delta R.T. 0.02 min
 Lab File: BF108906.D
 Acq: 10 Sep 2018 21:11

Tgt Ion:112 Resp: 1051806
 Ion Ratio Lower Upper
 112 100
 64 58.6 47.9 71.9
 63 31.1 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: 97.642 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108906.D

Acq: 10 Sep 2018 21:11

Instrument :

BNA_F

ClientSampleId :

ENY-SB-01-02-03-0-62

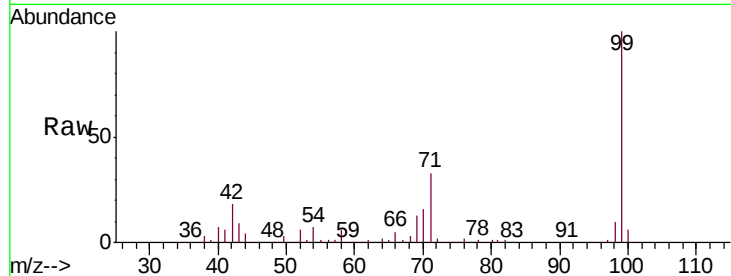
Tgt Ion: 99 Resp: 1345861

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

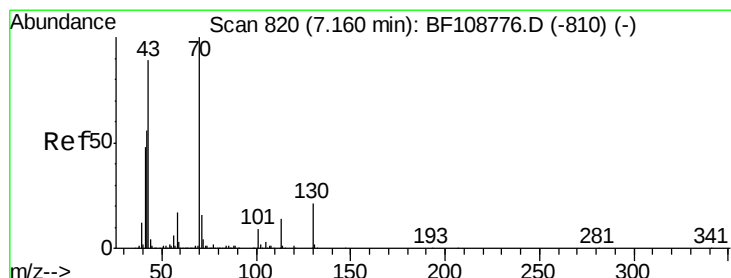
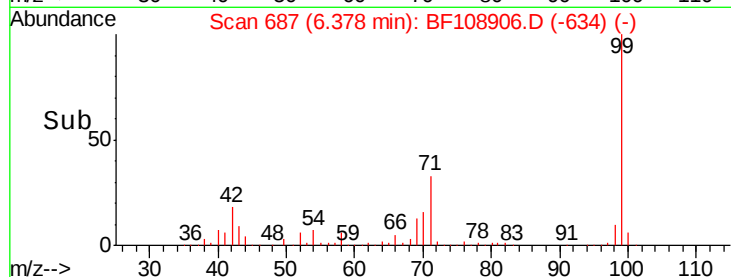
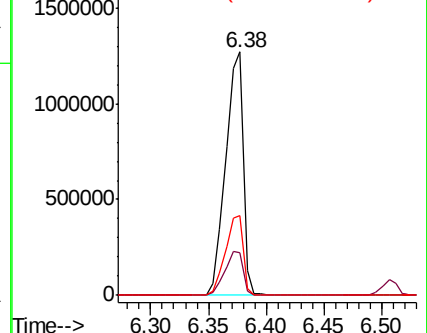
71 32.7 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.277 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108906.D

Acq: 10 Sep 2018 21:11

Tgt Ion: 70 Resp: 108046

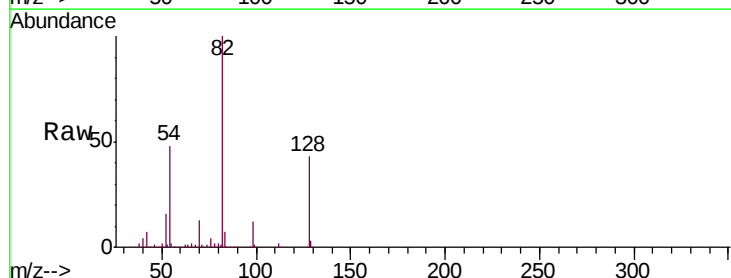
Ion Ratio Lower Upper

70 100

42 50.0 47.5 71.3

101 0.0 7.4 11.2#

130 1.6 16.6 25.0#

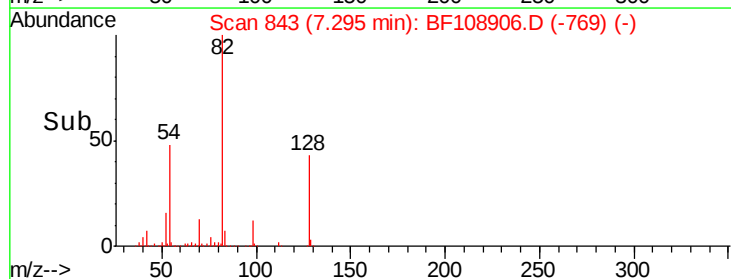
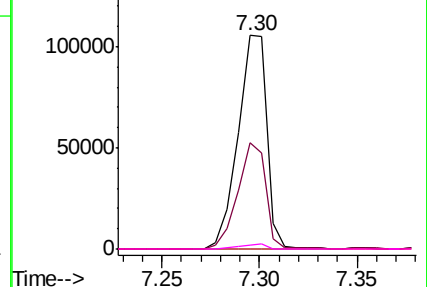


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

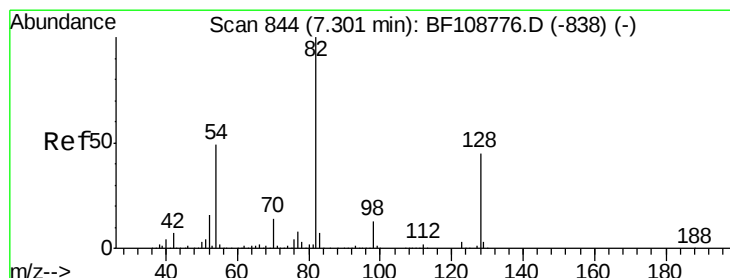
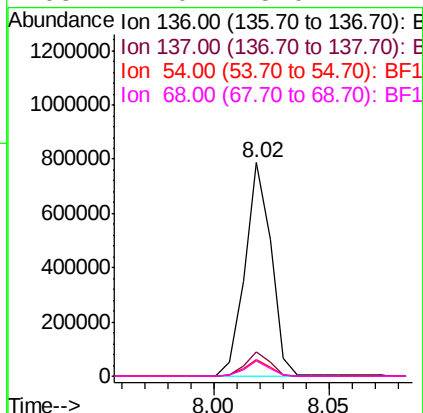
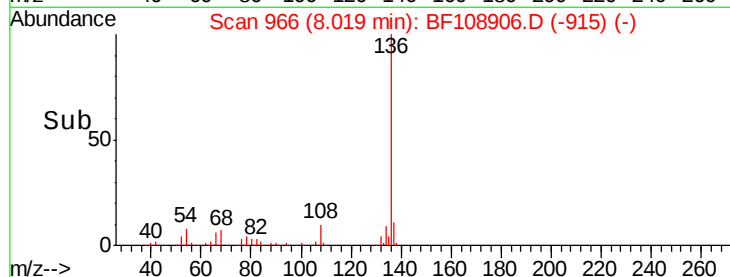
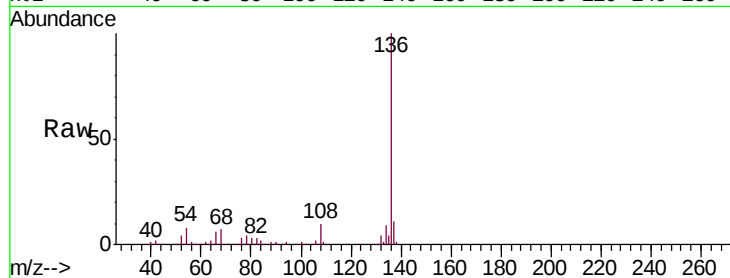




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108906.D
Acq: 10 Sep 2018 21:11

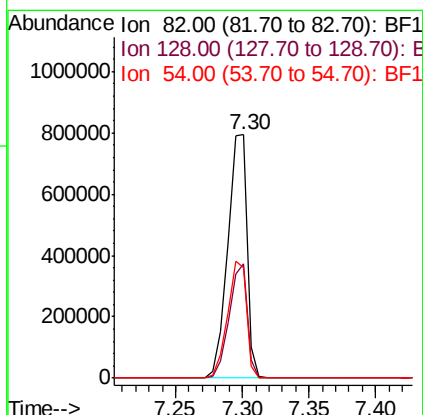
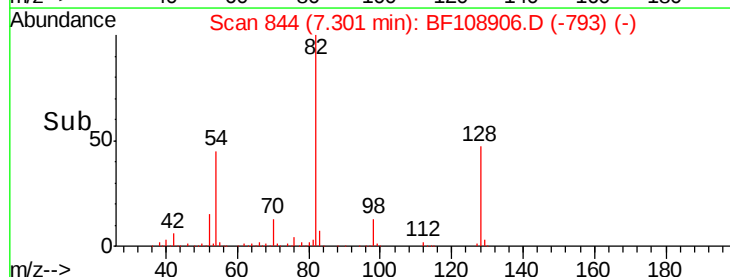
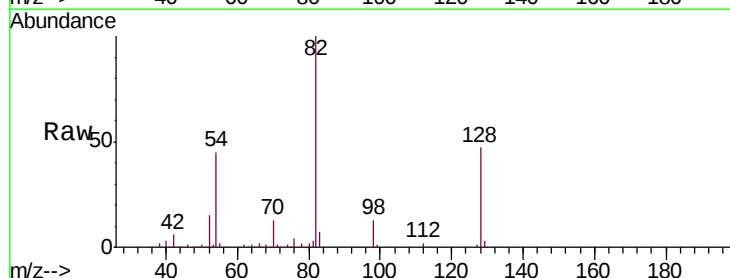
Instrument :
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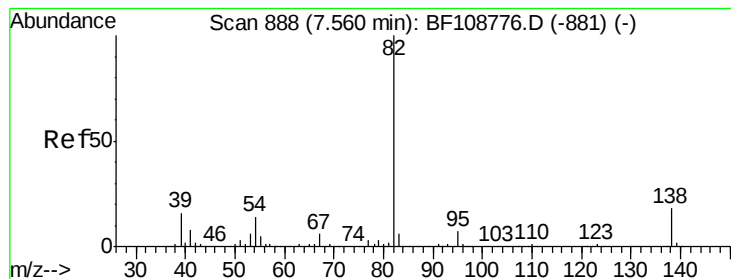
Tgt Ion:	136	Resp:	627771
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.0	6.6	9.8
68	7.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 81.795 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108906.D
Acq: 10 Sep 2018 21:11

Tgt Ion:	82	Resp:	820511
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	45.3	41.4	62.2





#25

Isophorone

Concen: 40.807 ng

RT: 7.30 min Scan# 844

Delta R.T. -0.26 min

Lab File: BF108906.D

Acq: 10 Sep 2018 21:11

Instrument :

BNA_F

ClientSampleId :

ENY-SB-01-02-03-0-62

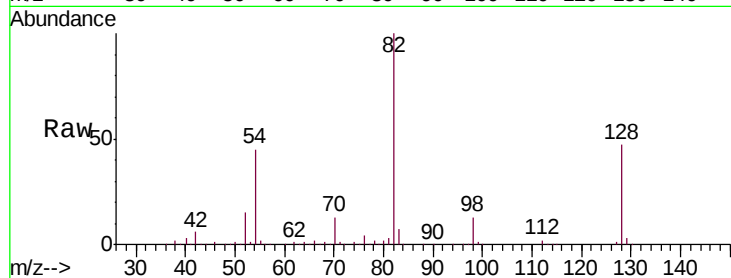
Tgt Ion: 82 Resp: 816526

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

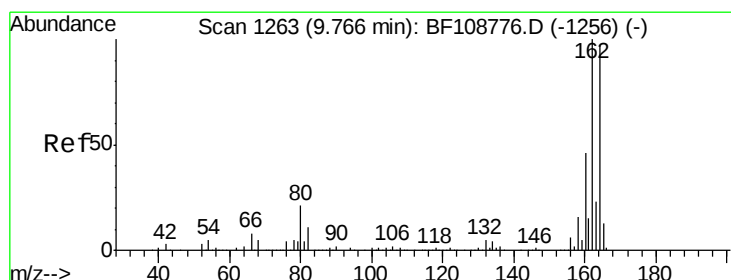
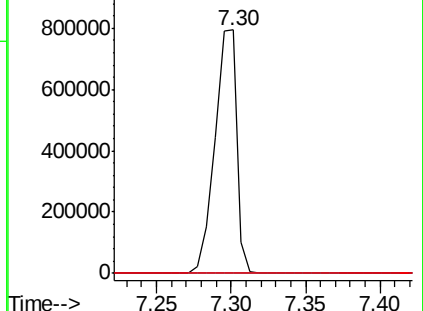
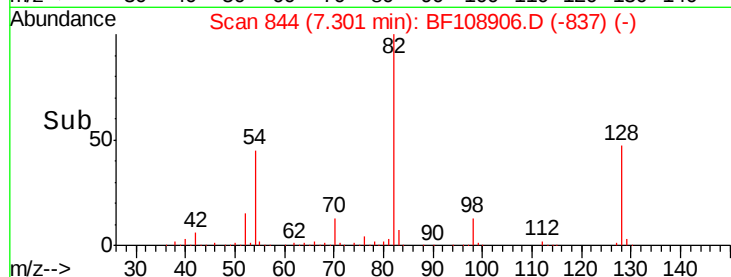
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BF108906.D

Acq: 10 Sep 2018 21:11

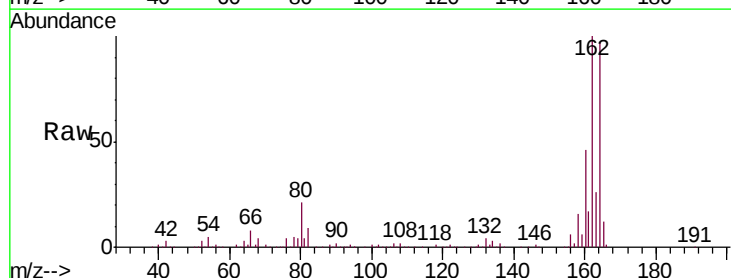
Tgt Ion: 164 Resp: 260876

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

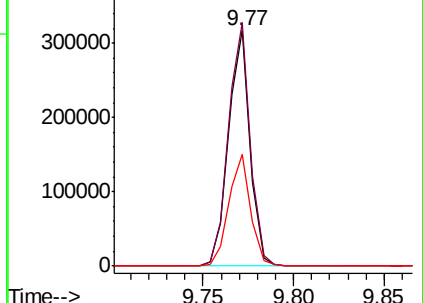
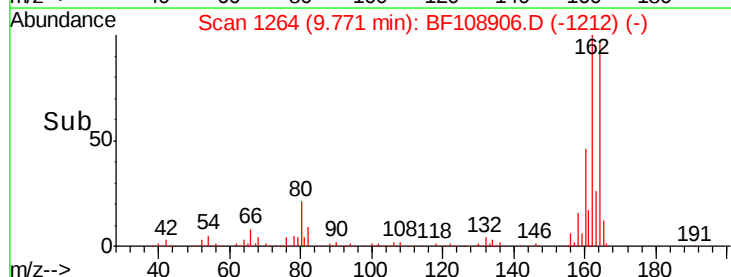
160 47.4 38.3 57.5

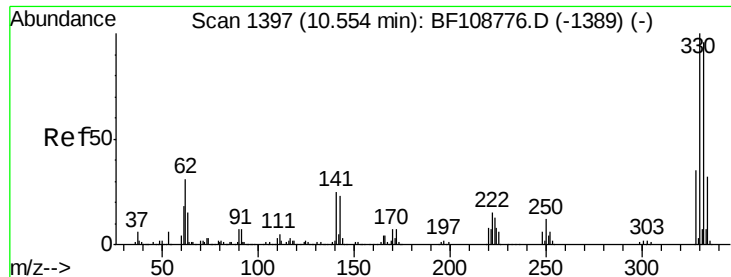


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

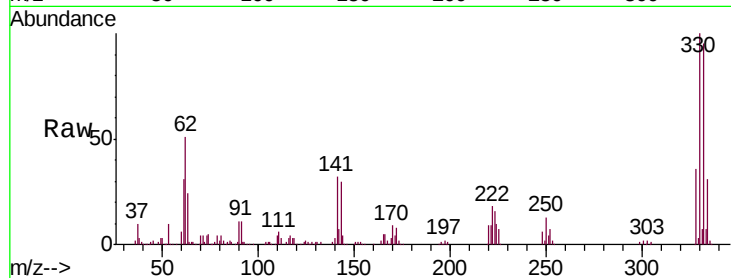




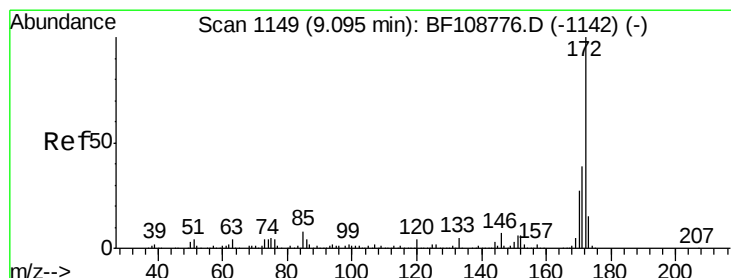
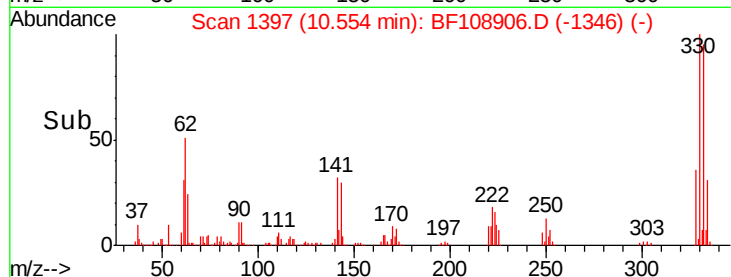
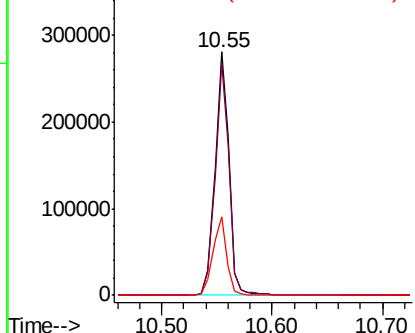
#41
 2,4,6-Tribromophenol
 Concen: 97.915 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108906.D
 Acq: 10 Sep 2018 21:11

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 ENY-SB-01-02-03-0-62

Tgt Ion:330 Resp: 243852
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 31.4 29.9 44.9

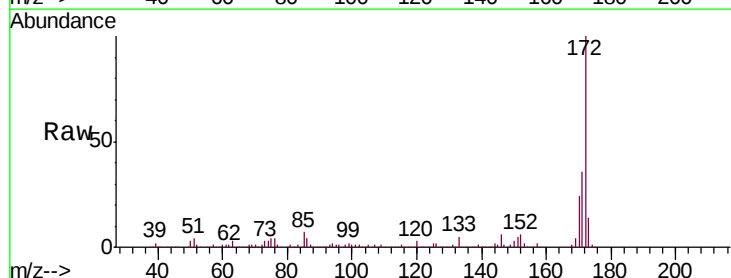


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

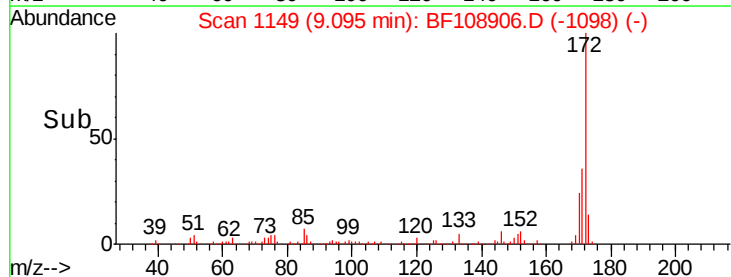
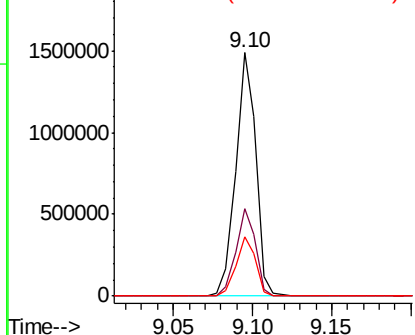


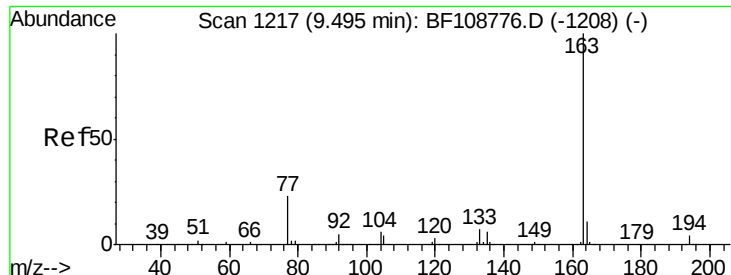
#44
 2-Fluorobiphenyl
 Concen: 85.304 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108906.D
 Acq: 10 Sep 2018 21:11

Tgt Ion:172 Resp: 1304449
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

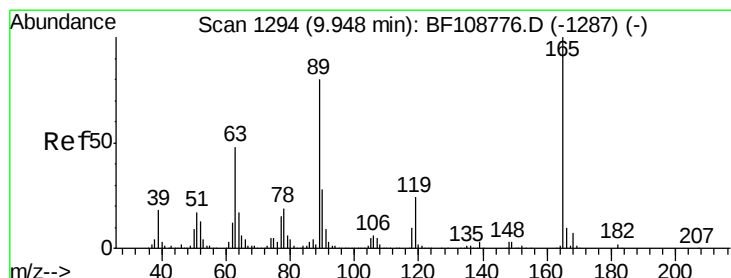
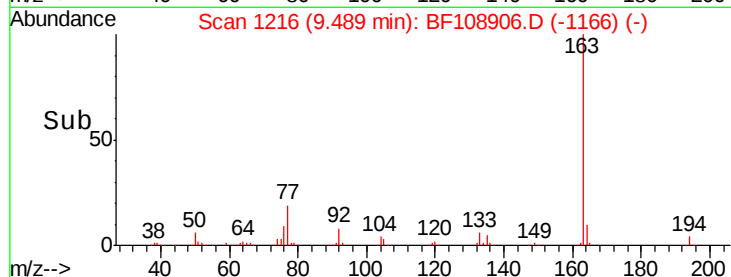
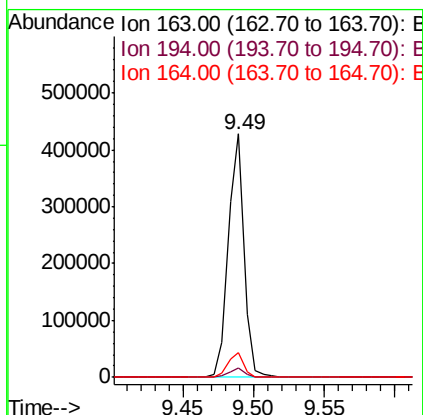
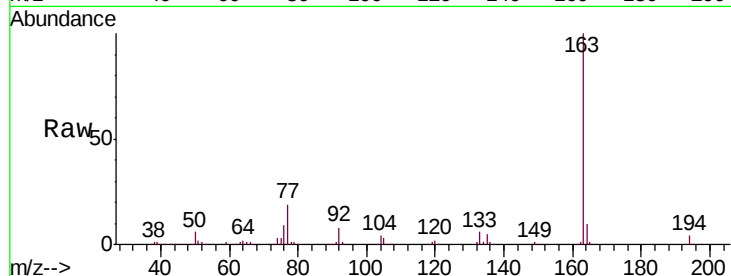




#49
Dimethylphthalate
Concen: 18.199 ng
RT: 9.49 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF108906.D
Acq: 10 Sep 2018 21:11

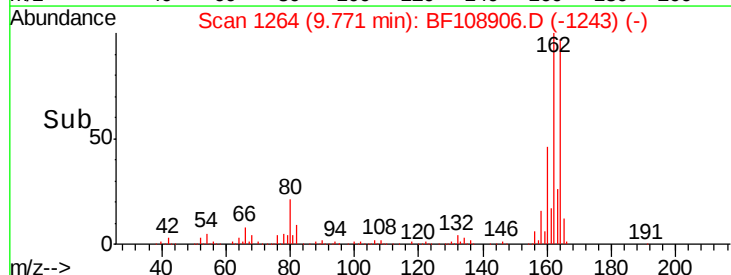
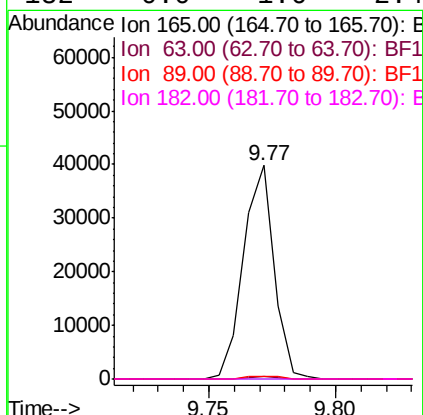
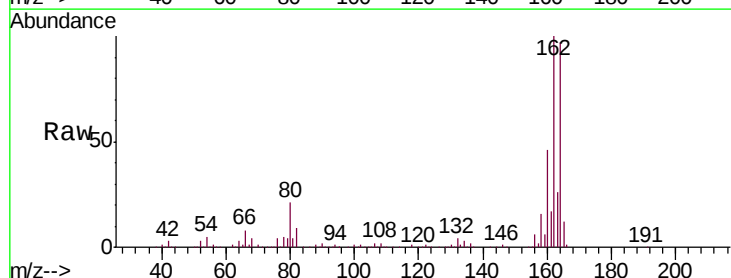
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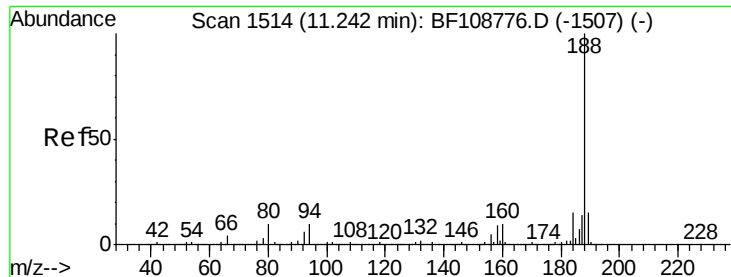
Tgt Ion:163 Resp: 332074
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.0 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 7.561 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.18 min
Lab File: BF108906.D
Acq: 10 Sep 2018 21:11

Tgt Ion:165 Resp: 33619
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.1 57.8 86.6#
182 0.0 1.6 2.4#

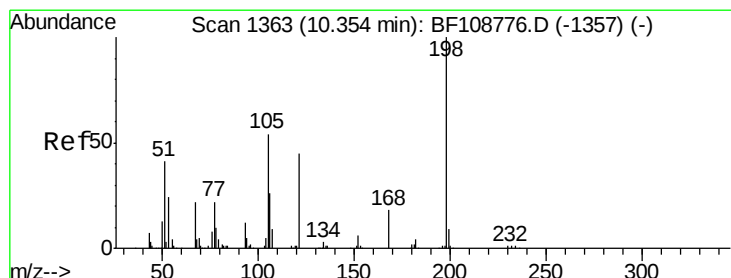
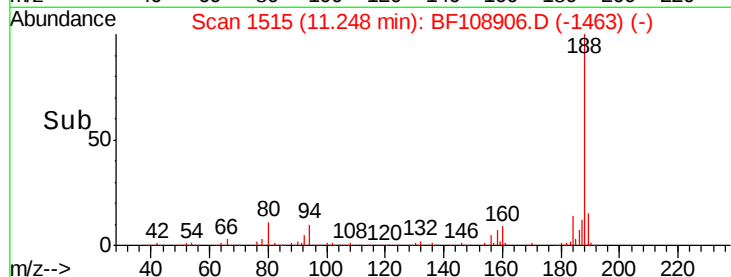
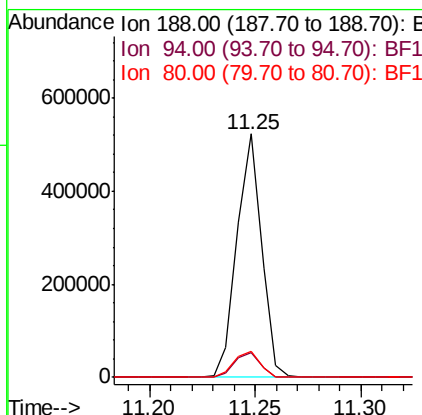
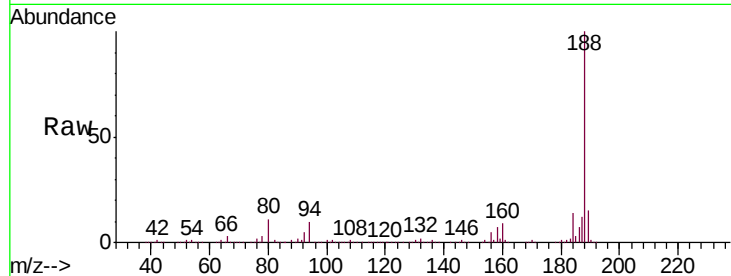




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF108906.D
 Acq: 10 Sep 2018 21:11

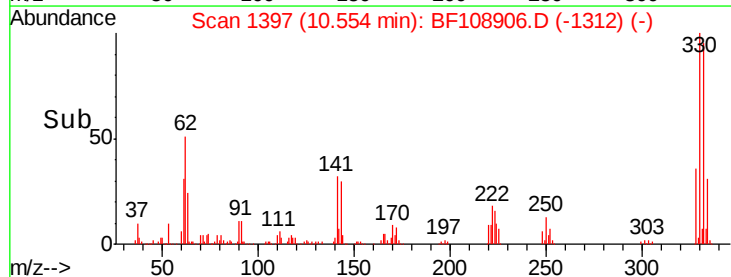
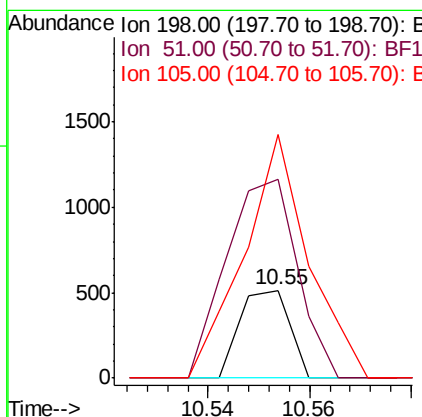
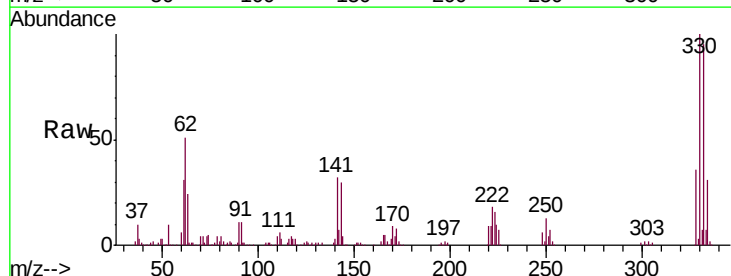
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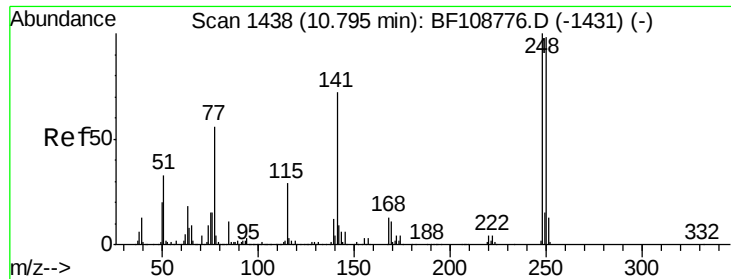
Tgt Ion:188 Resp: 421133
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 10.6 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.051 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.20 min
 Lab File: BF108906.D
 Acq: 10 Sep 2018 21:11

Tgt Ion:198 Resp: 352
 Ion Ratio Lower Upper
 198 100
 51 227.1 37.7 77.7#
 105 278.3 36.3 76.3#

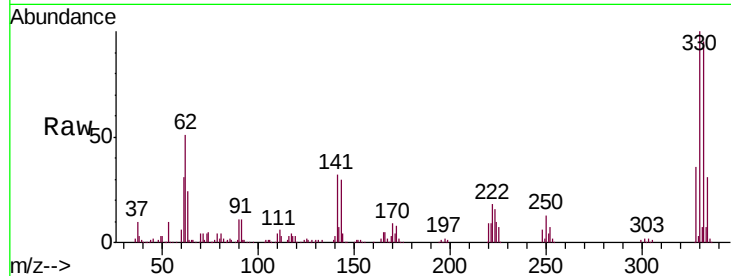




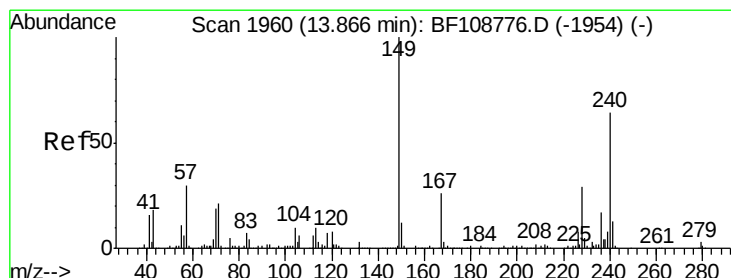
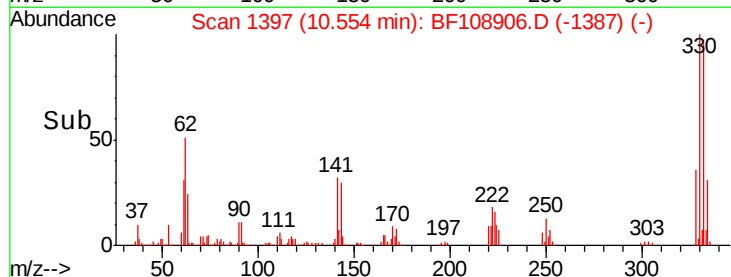
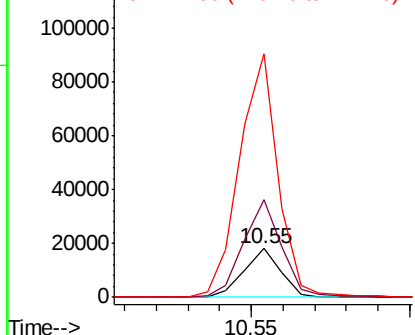
#66
4-Bromophenyl-phenylether
Concen: 3.058 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.24 min
Lab File: BF108906.D
Acq: 10 Sep 2018 21:11

Instrument :
BNA_F
ClientSampleId :
ENY-SB-01-02-03-0-62

Tgt Ion:248 Resp: 14547
Ion Ratio Lower Upper
248 100
250 199.7 76.9 115.3#
141 499.6 74.4 111.6#

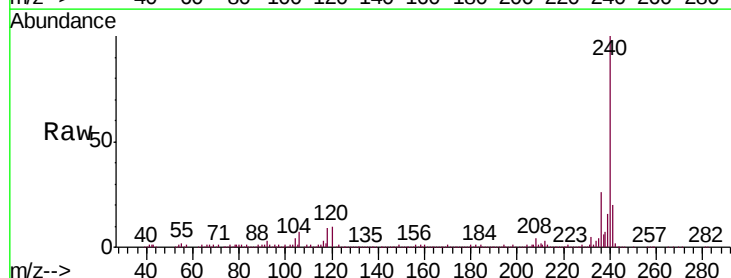


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

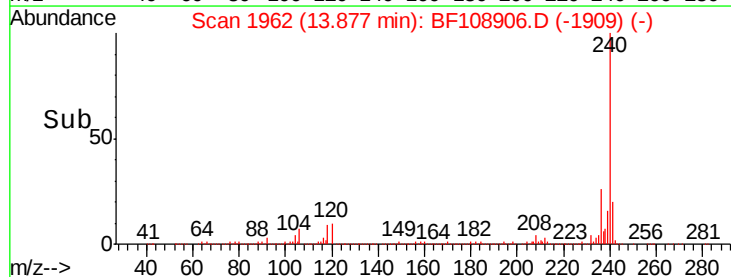
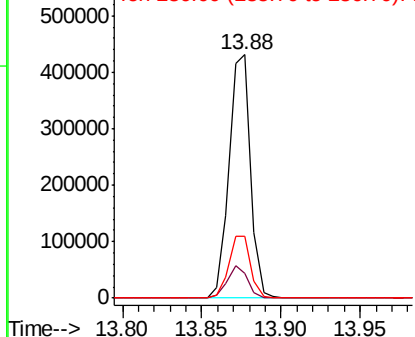


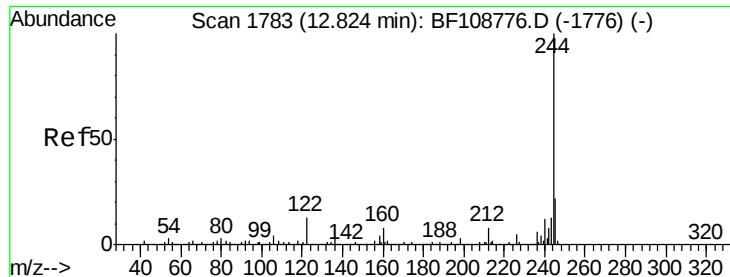
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BF108906.D
Acq: 10 Sep 2018 21:11

Tgt Ion:240 Resp: 405086
Ion Ratio Lower Upper
240 100
120 10.4 9.5 14.3
236 25.6 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

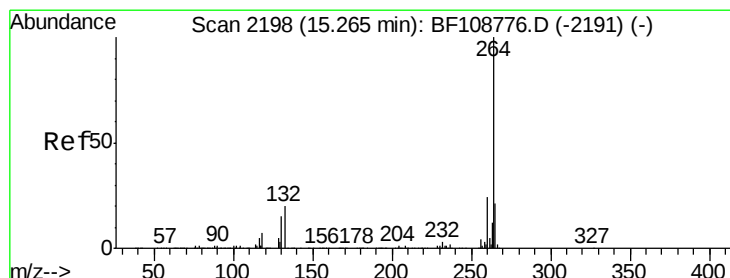
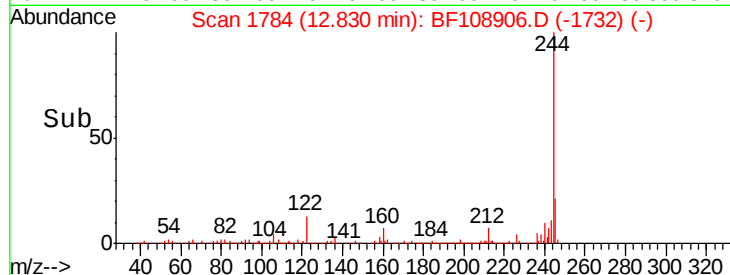
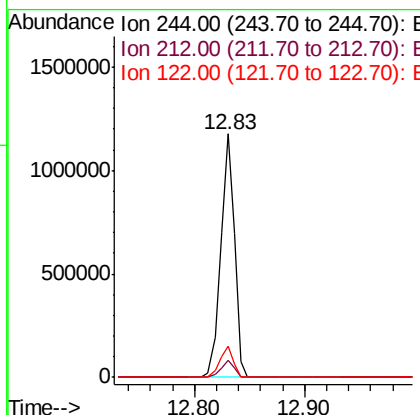
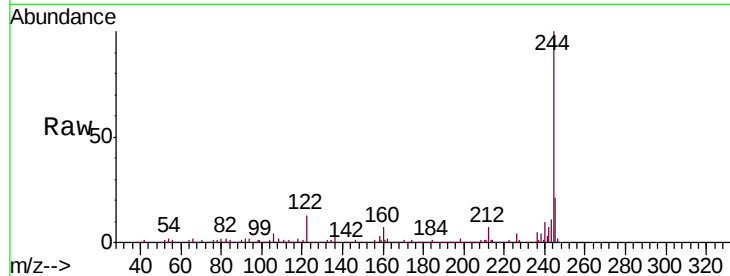




#78
 Terphenyl-d14
 Concen: 58.615 ng
 RT: 12.83 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BF108906.D
 Acq: 10 Sep 2018 21:11

Instrument :
 BNA_F
 ClientSampleId :
 ENY-SB-01-02-03-0-62

Tgt Ion:244 Resp: 1018234
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2201
 Delta R.T. 0.02 min
 Lab File: BF108906.D
 Acq: 10 Sep 2018 21:11

Tgt Ion:264 Resp: 294823
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 21.3 17.5 26.3

