

Data File : BF108882.D
Acq On : 8 Sep 2018 1:24
Operator : JU/SJ
Sample : J4811-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
090518-SIDI-E-U-B

Quant Time: Sep 08 03:10:45 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	215374	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	785102	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	352388	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	572226	20.00	ng	0.00
75) Chrysene-d12	13.87	240	472555	20.00	ng	0.00
86) Perylene-d12	15.27	264	481780	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	591681	45.51	ng	0.00
7) Phenol-d6	6.36	99	500662	29.93	ng	0.00
23) Nitrobenzene-d5	7.30	82	1432932	114.22	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	317767	94.46	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2217648	107.36	ng	0.00
78) Terphenyl-d14	12.82	244	1794246	88.54	ng	0.00

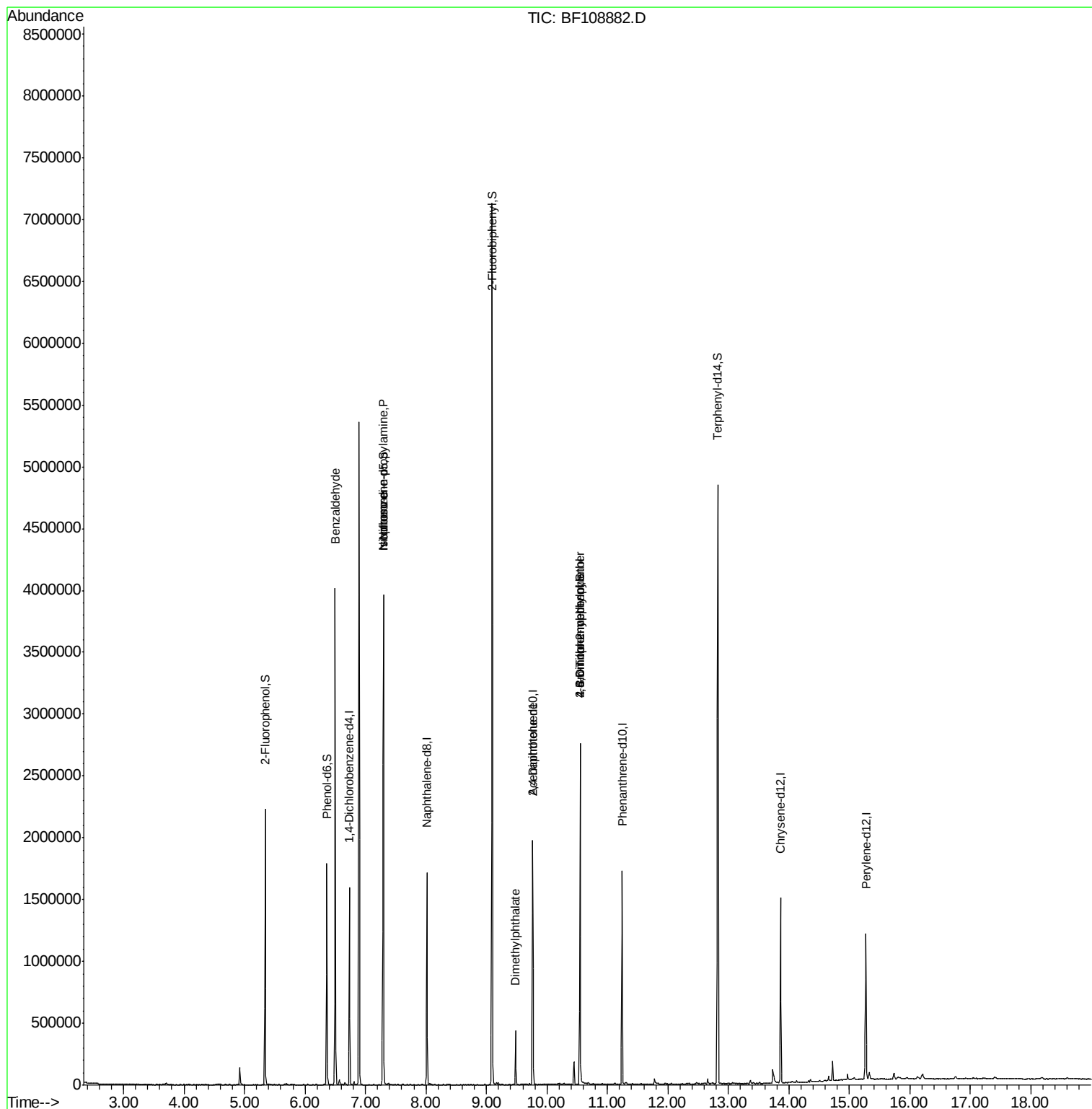
Target Compounds				Qvalue		
9) Benzaldehyde	6.50	77	24013	2.024	ng	# 75
19) n-Nitroso-di-n-propylamine	7.30	70	196480	16.898	ng	# 77
25) Isophorone	7.30	82	1425261	56.956	ng	# 64
49) Dimethylphthalate	9.48	163	157196	6.378	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	45249	7.534	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	640	7.112	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	19027	2.944	ng	# 1

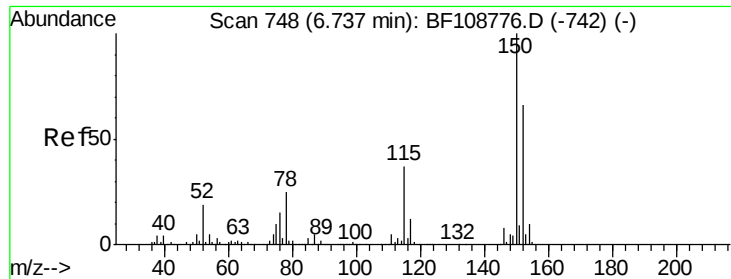
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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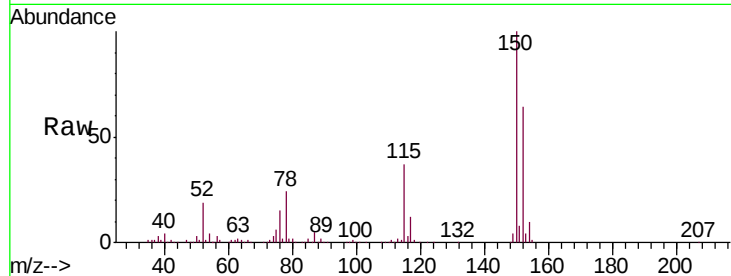


#1

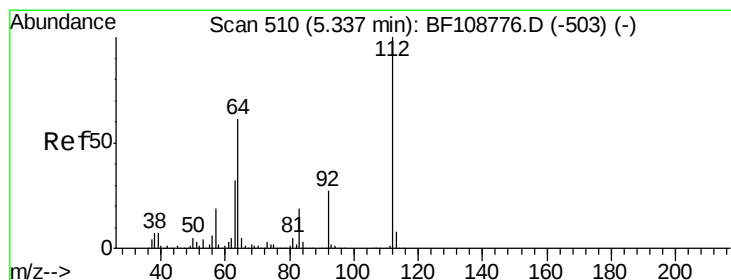
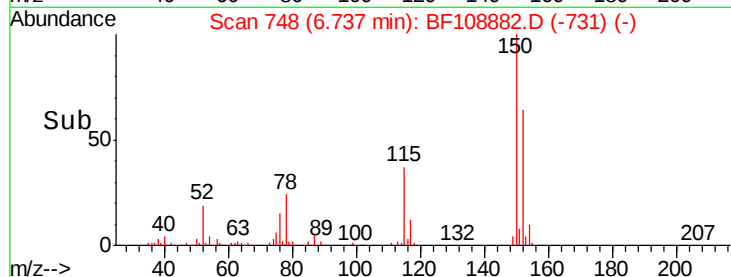
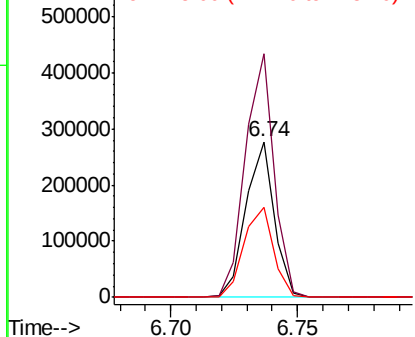
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108882.D
Acq: 8 Sep 2018 1:24

Instrument :
BNA_F
ClientSampleId :
090518-SIDI-E-U-B

Tgt Ion:152 Resp: 215374
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 57.9 50.1 75.1



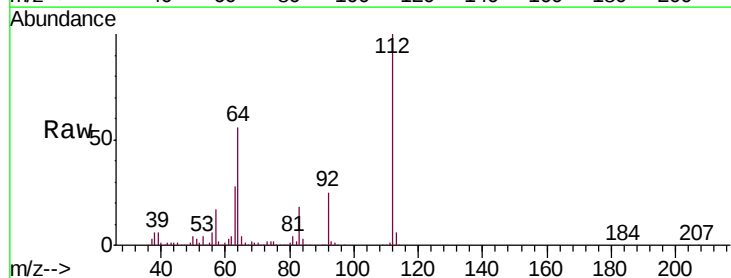
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



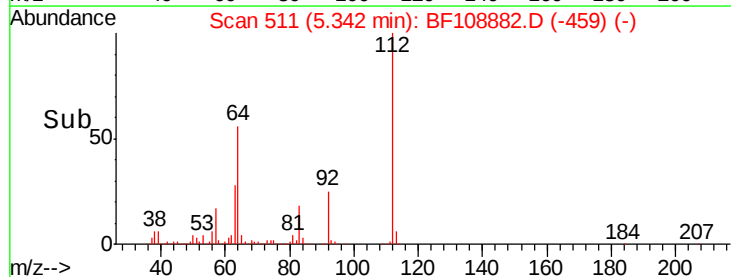
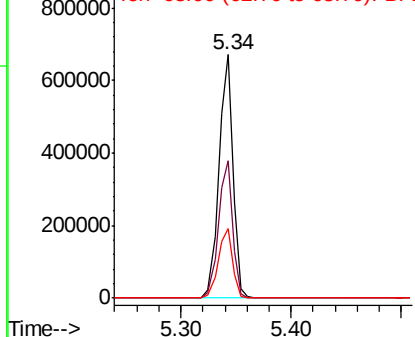
#5

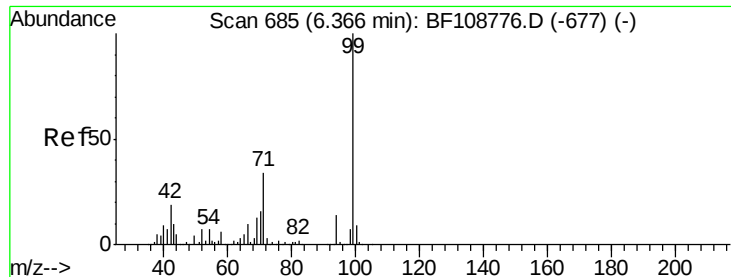
2-Fluorophenol
Concen: 45.512 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108882.D
Acq: 8 Sep 2018 1:24

Tgt Ion:112 Resp: 591681
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 28.4 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: 29.931 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108882.D

Acq: 8 Sep 2018 1:24

Instrument :

BNA_F

ClientSampleId :

090518-SIDI-E-U-B

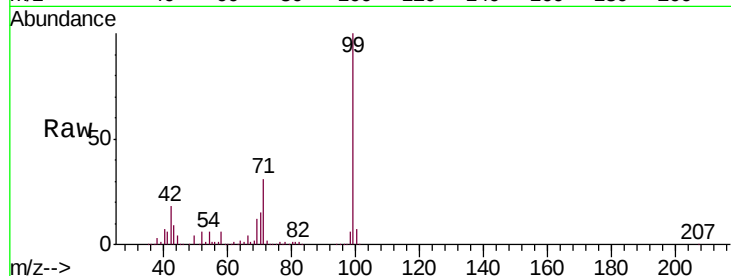
Tgt Ion: 99 Resp: 500662

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

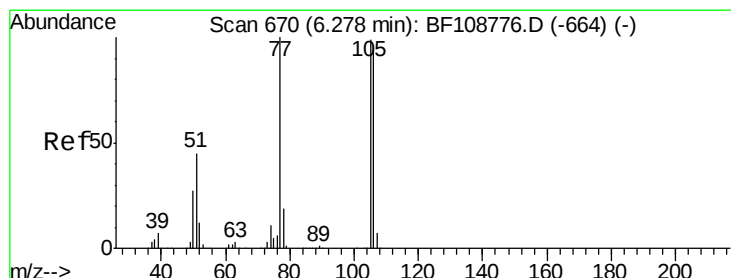
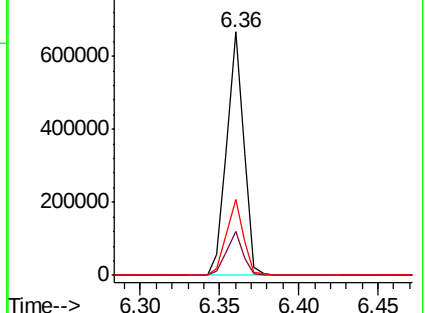
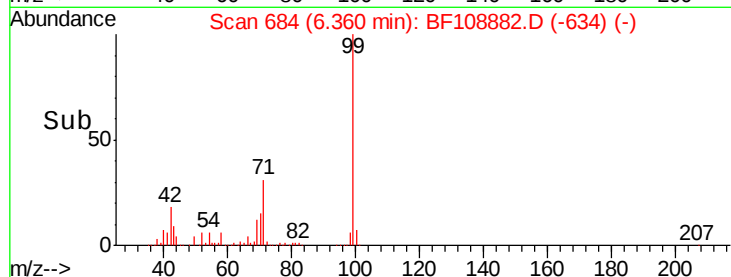
71 31.3 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.024 ng

RT: 6.50 min Scan# 708

Delta R.T. 0.22 min

Lab File: BF108882.D

Acq: 8 Sep 2018 1:24

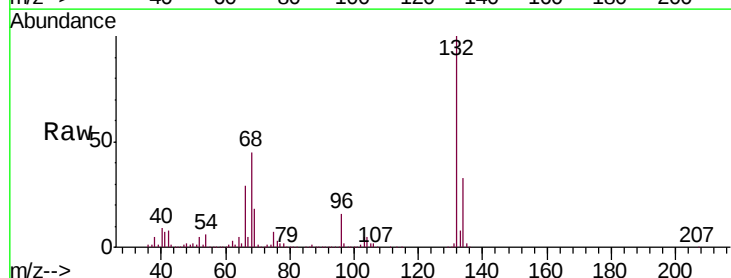
Tgt Ion: 77 Resp: 24013

Ion Ratio Lower Upper

77 100

105 81.4 81.1 121.1

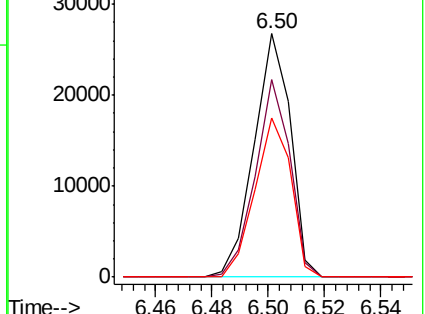
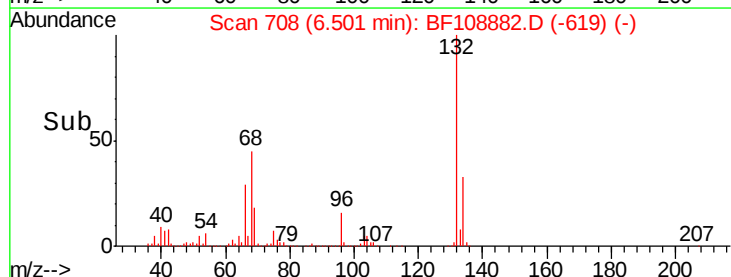
106 65.3 74.5 114.5#

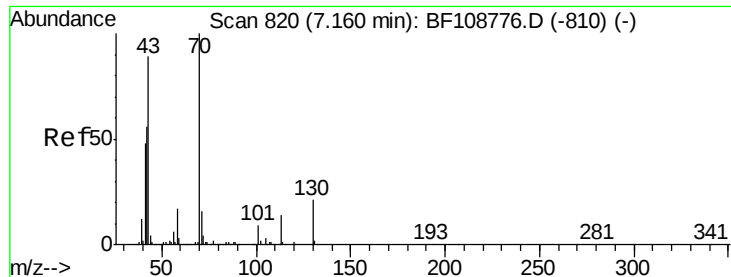


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

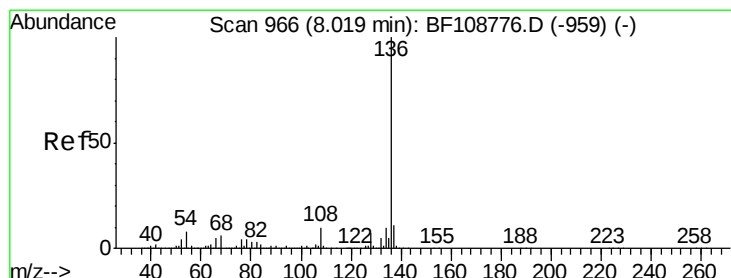
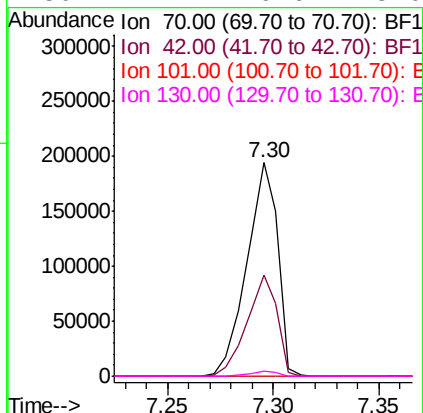
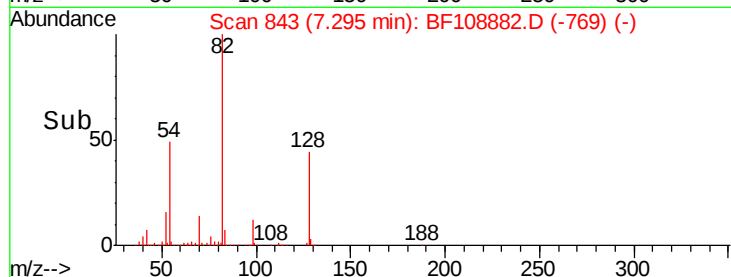
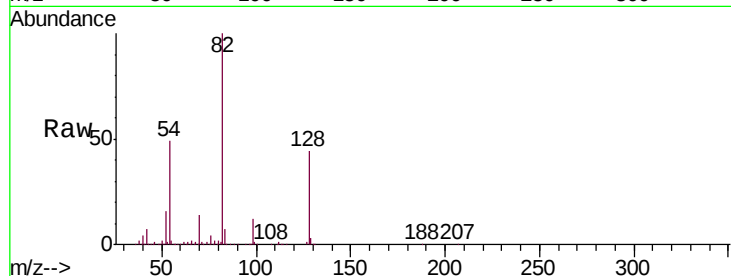




#19
n-Nitroso-di-n-propylamine
Concen: 16.898 ng
RT: 7.30 min Scan# 843
Delta R.T. 0.14 min
Lab File: BF108882.D
Acq: 8 Sep 2018 1:24

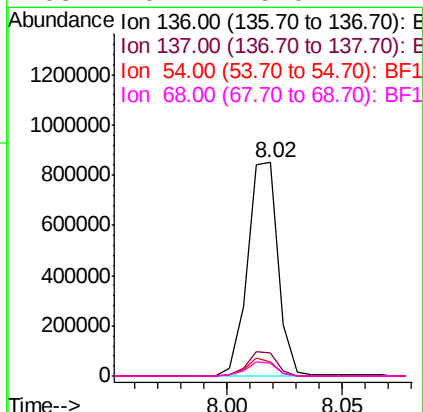
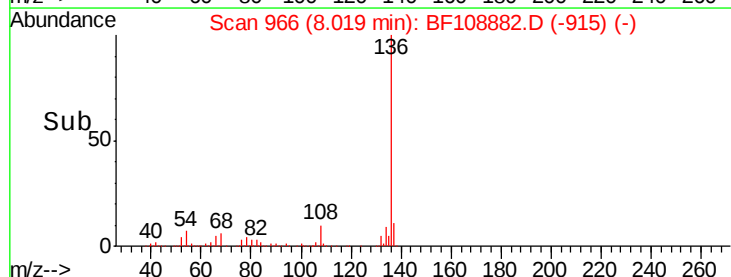
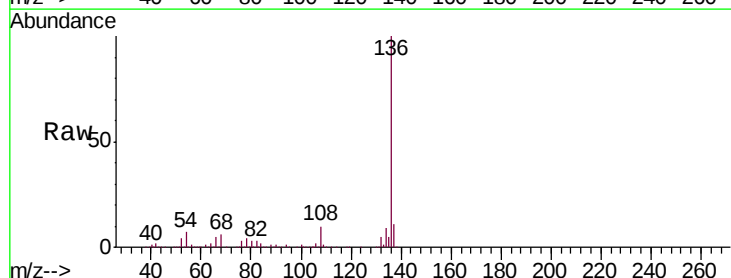
Instrument :
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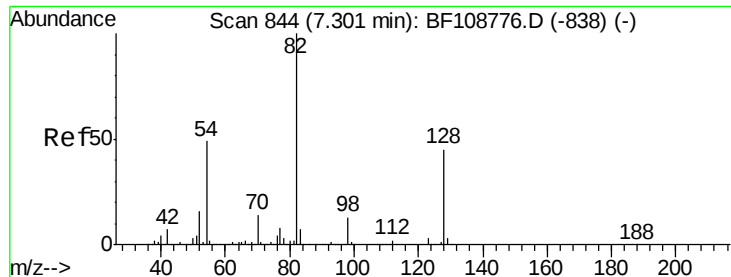
Tgt Ion: 70 Resp: 196480
Ion Ratio Lower Upper
70 100
42 47.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108882.D
Acq: 8 Sep 2018 1:24

Tgt Ion: 136 Resp: 785102
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.9 6.6 9.8
68 6.2 5.0 7.4

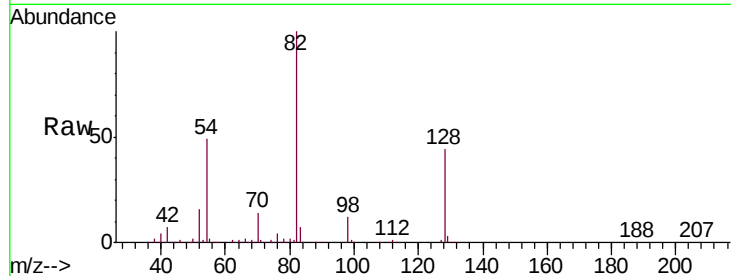




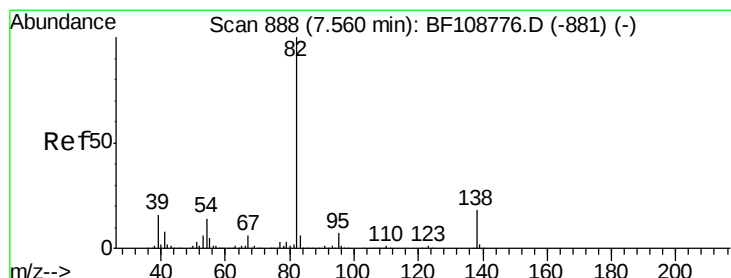
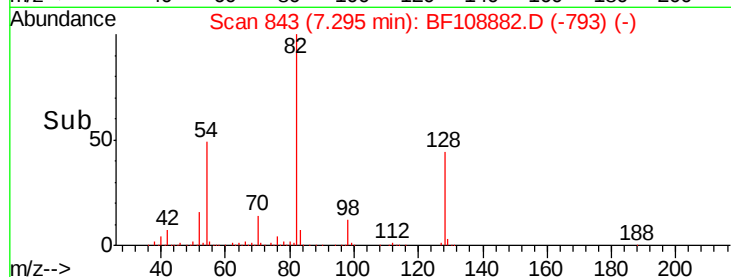
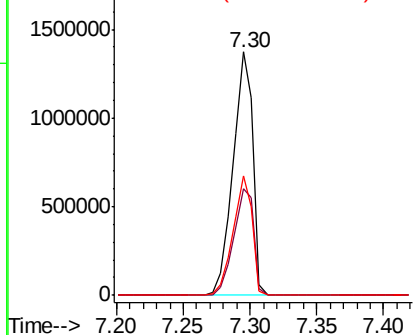
#23
 Nitrobenzene-d5
 Concen: 114.220 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF108882.D
 Acq: 8 Sep 2018 1:24

Instrument :
 BNA_F
 ClientSampleId :
 090518-SIDI-E-U-B

Tgt Ion: 82 Resp: 1432932
 Ion Ratio Lower Upper
 82 100
 128 44.1 36.1 54.1
 54 49.1 41.4 62.2

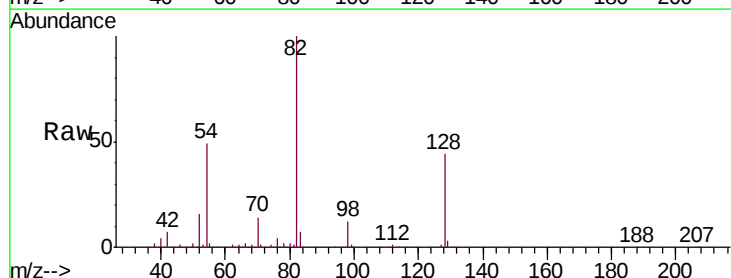


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

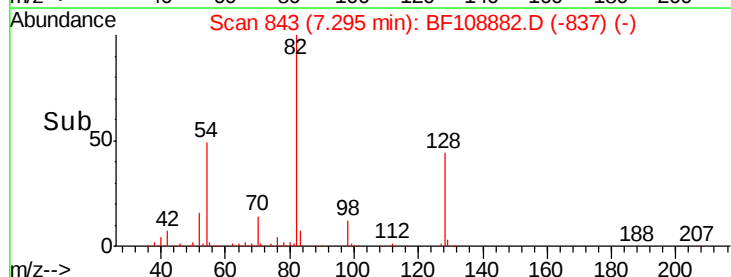
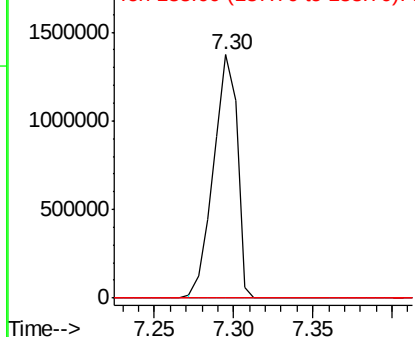


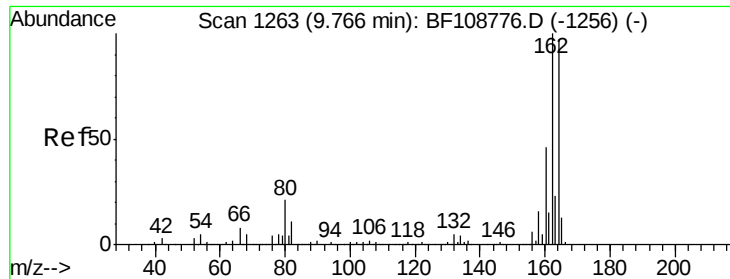
#25
 Isophorone
 Concen: 56.956 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.26 min
 Lab File: BF108882.D
 Acq: 8 Sep 2018 1:24

Tgt Ion: 82 Resp: 1425261
 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

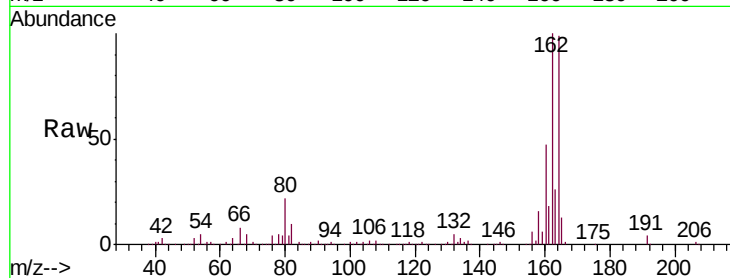




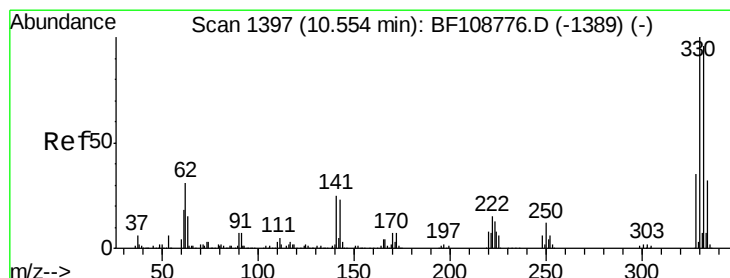
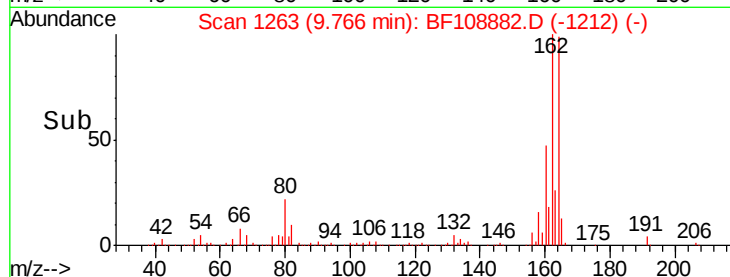
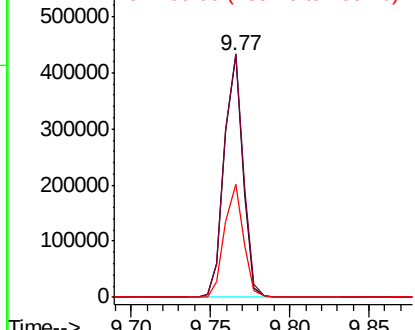
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108882.D
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Tgt Ion:164 Resp: 352388
 Ion Ratio Lower Upper
 164 100
 162 100.7 86.1 129.1
 160 46.9 38.3 57.5

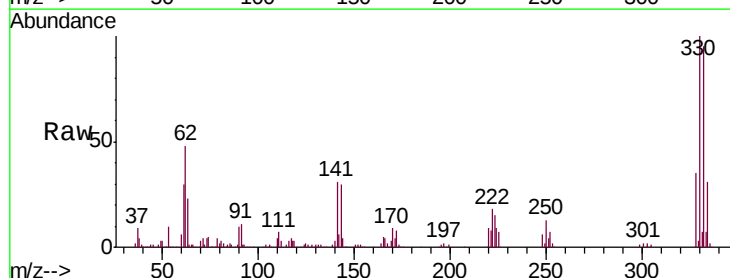


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

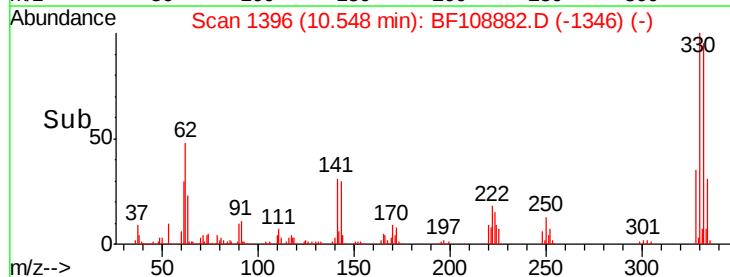
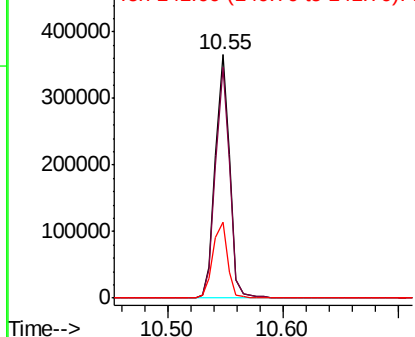


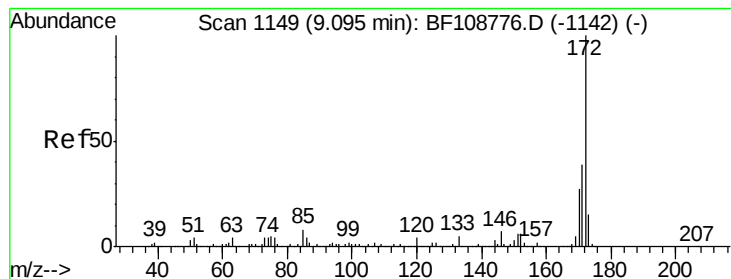
#41
 2,4,6-Tribromophenol
 Concen: 94.459 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108882.D
 Acq: 8 Sep 2018 1:24

Tgt Ion:330 Resp: 317767
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 32.1 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

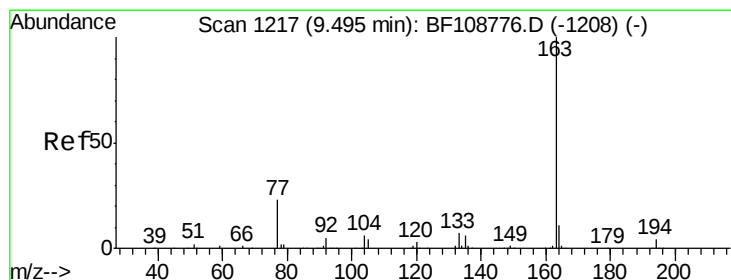
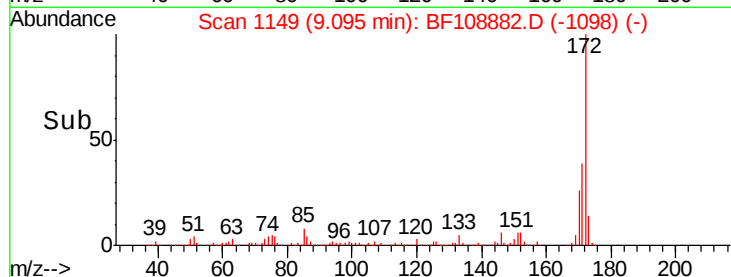
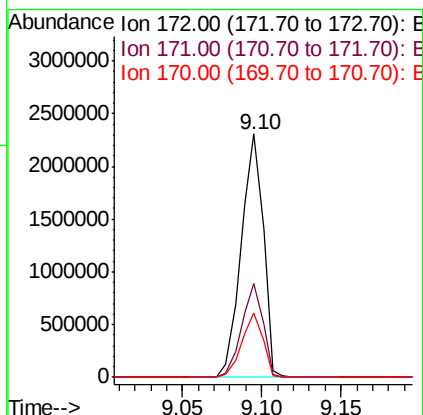
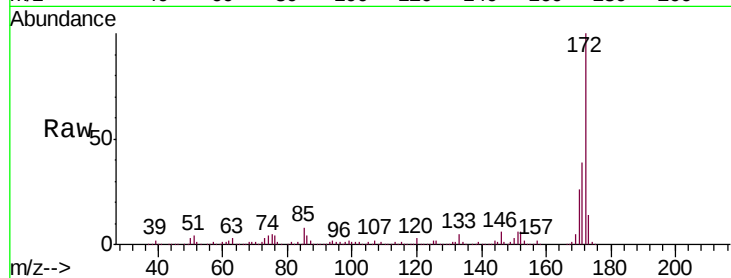




#44
 2-Fluorobiphenyl
 Concen: 107.361 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108882.D
 Acq: 8 Sep 2018 1:24

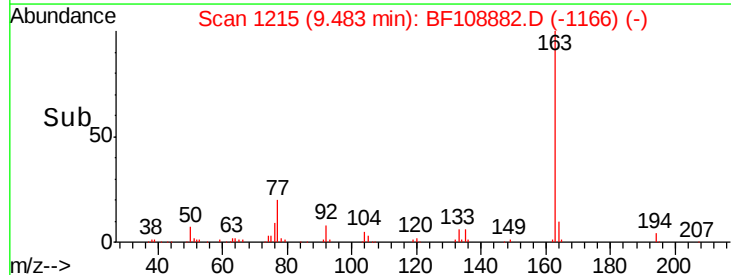
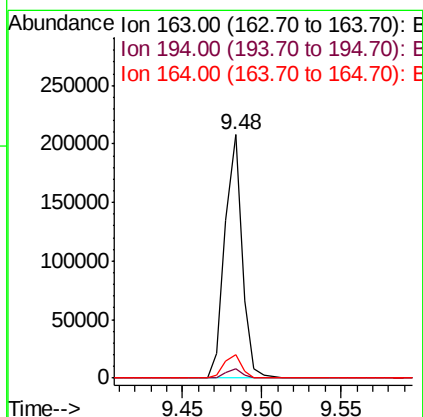
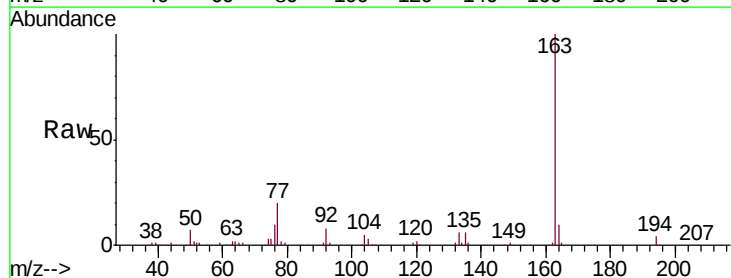
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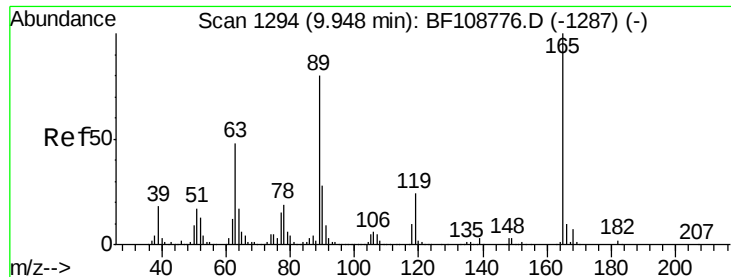
Tgt Ion:172 Resp: 2217648
 Ion Ratio Lower Upper
 172 100
 171 38.6 29.7 44.5
 170 26.2 19.6 29.4



#49
 Dimethylphthalate
 Concen: 6.378 ng
 RT: 9.48 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF108882.D
 Acq: 8 Sep 2018 1:24

Tgt Ion:163 Resp: 157196
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 9.7 8.2 12.2

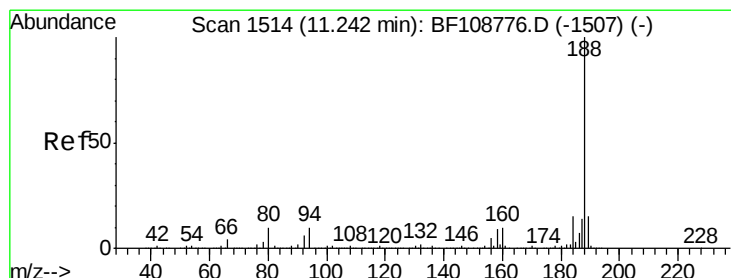
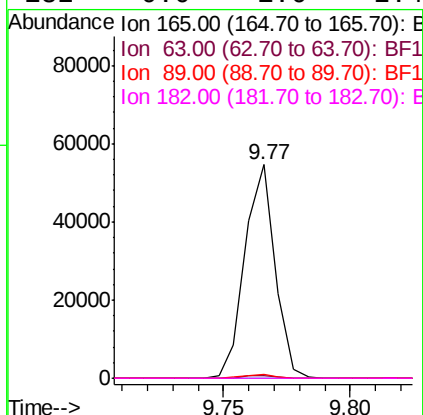
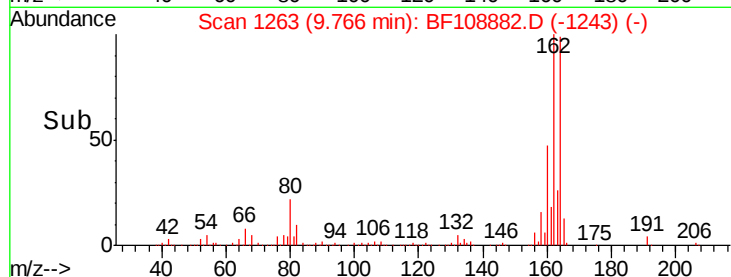
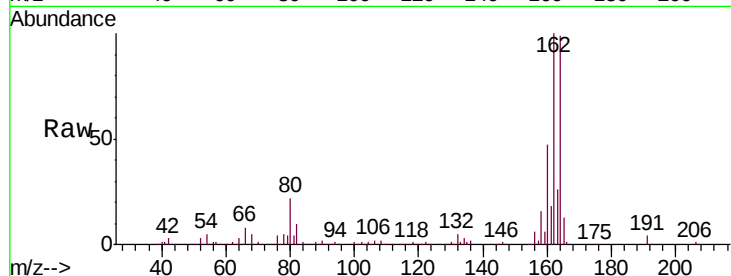




#56
 2,4-Dinitrotoluene
 Concen: 7.534 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108882.D
 Acq: 8 Sep 2018 1:24

Instrument :
 BNA_F
 ClientSampleId :
 090518-SIDI-E-U-B

Tgt Ion:	165	Resp:	45249
Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108882.D
 Acq: 8 Sep 2018 1:24

Tgt Ion:	188	Resp:	572226
Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.7	9.2	13.8

