

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082918\
 Data File : BF108614.D
 Acq On : 29 Aug 2018 19:38
 Operator : JU/SJ
 Sample : J4683-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082718-SIDI-F-U-B

Quant Time: Aug 30 01:10:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

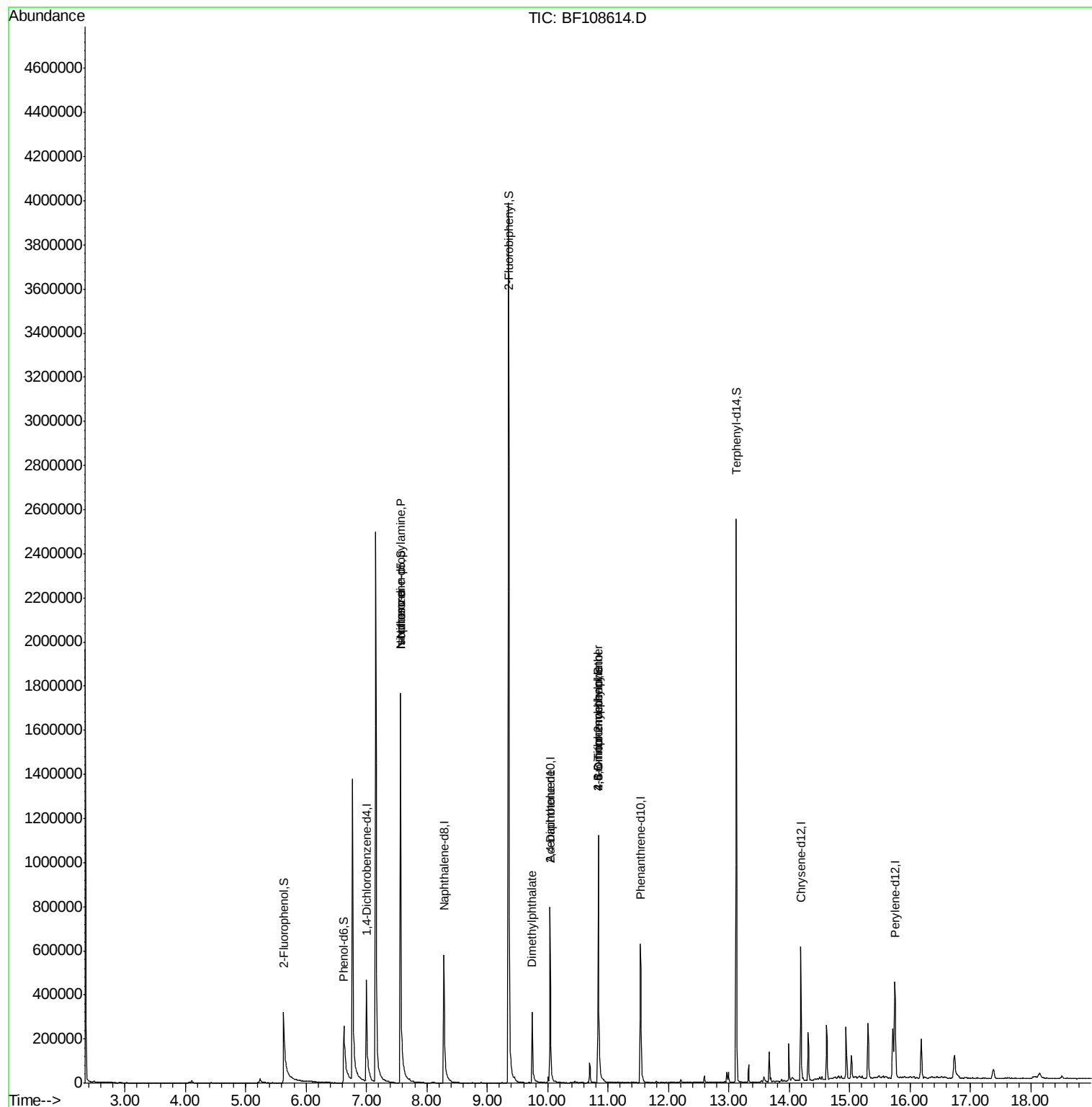
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	112171	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	418537	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	185507	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	297289	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	243433	20.00	ng	-0.01
86) Perylene-d12	15.75	264	239963	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	216472	34.94	ng	0.00
7) Phenol-d6	6.62	99	206974	25.14	ng	0.00
23) Nitrobenzene-d5	7.57	82	789935	105.32	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	173399	93.71	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1424420	123.28	ng	-0.01
78) Terphenyl-d14	13.12	244	961263	100.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	103557	18.600	ng	# 81
25) Isophorone	7.57	82	791340	55.353	ng	# 64
49) Dimethylphthalate	9.74	163	185038	14.320	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	23594	6.780	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.84	198	166	5.491	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	10728	3.321	ng	# 1

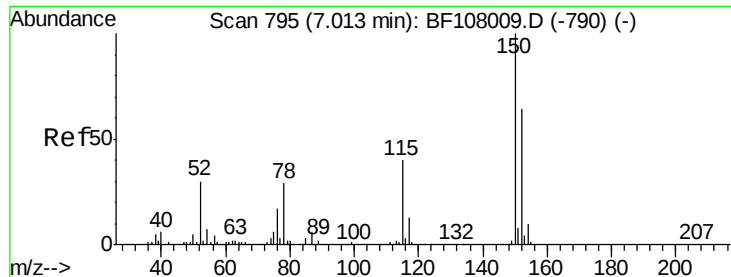
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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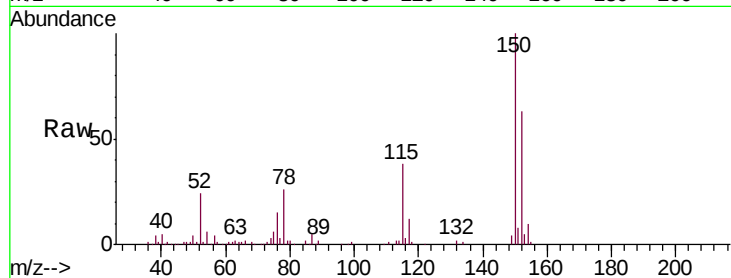


#1

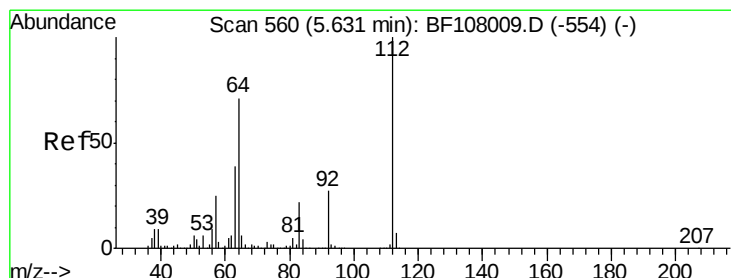
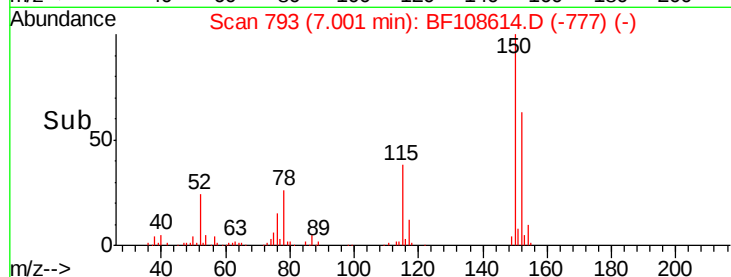
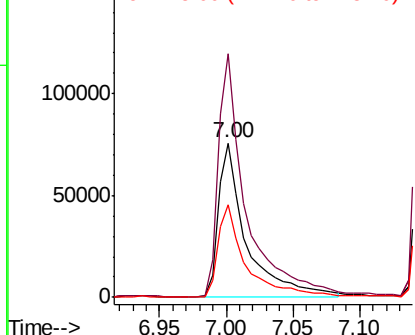
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108614.D
Acq: 29 Aug 2018 19:38

Instrument :
BNA_F
ClientSampleId :
082718-SIDI-F-U-B

Tgt Ion:152 Resp: 112171
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 59.7 50.1 75.1



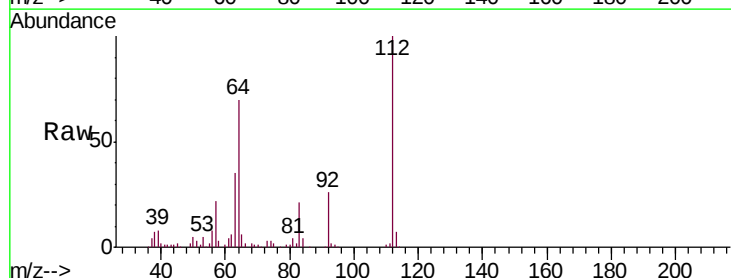
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



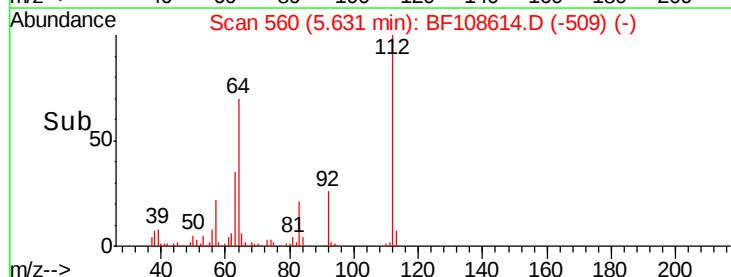
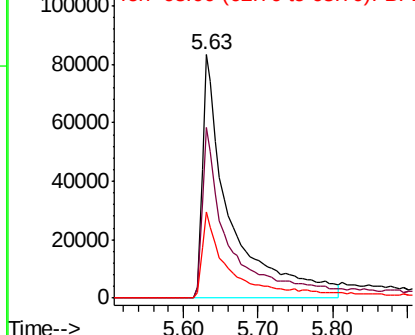
#5

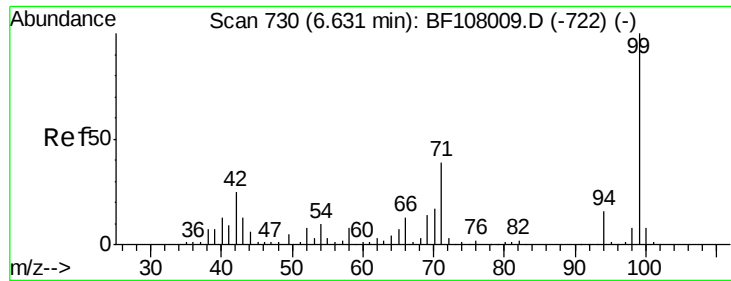
2-Fluorophenol
Concen: 34.939 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108614.D
Acq: 29 Aug 2018 19:38

Tgt Ion:112 Resp: 216472
Ion Ratio Lower Upper
112 100
64 69.9 47.9 71.9
63 35.4 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: 25.139 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108614.D

Acq: 29 Aug 2018 19:38

Instrument :

BNA_F

ClientSampleId :

082718-SIDI-F-U-B

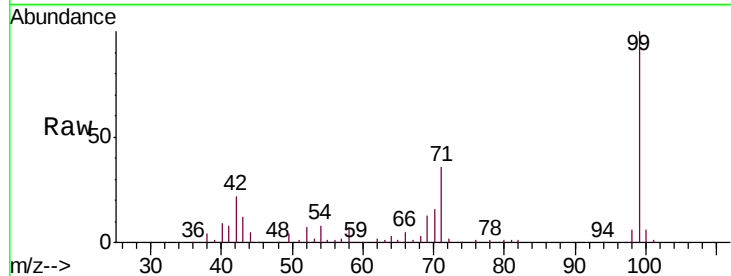
Tgt Ion: 99 Resp: 206974

Ion Ratio Lower Upper

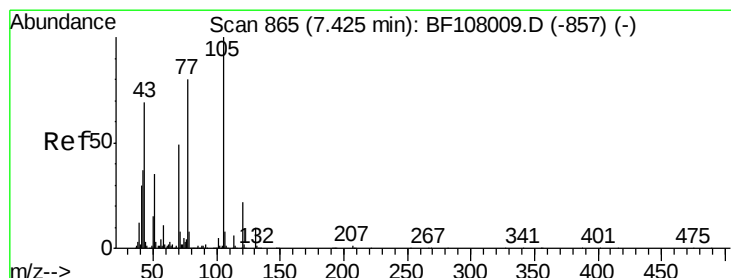
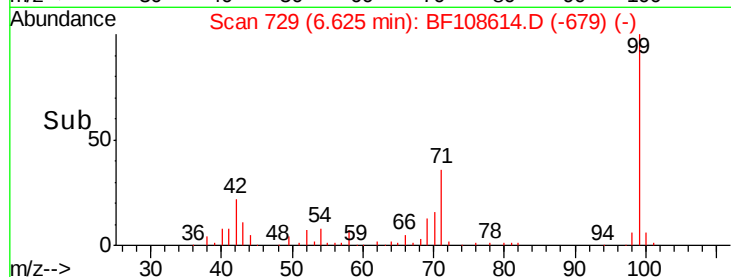
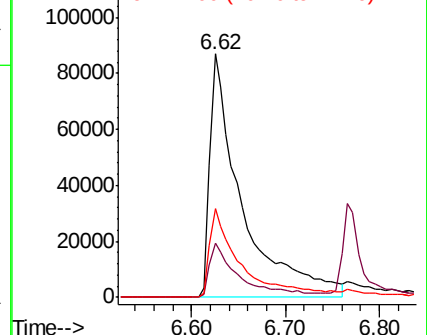
99 100

42 22.4 14.5 21.7#

71 36.2 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: 18.600 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108614.D

Acq: 29 Aug 2018 19:38

Tgt Ion: 70 Resp: 103557

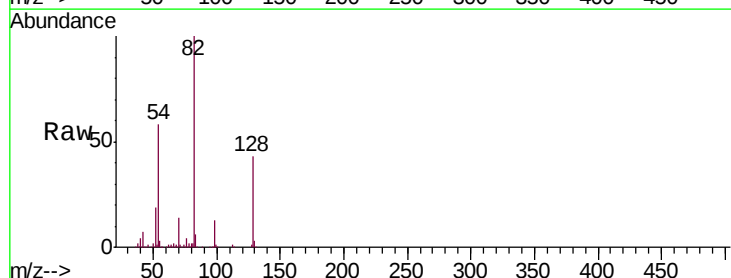
Ion Ratio Lower Upper

70 100

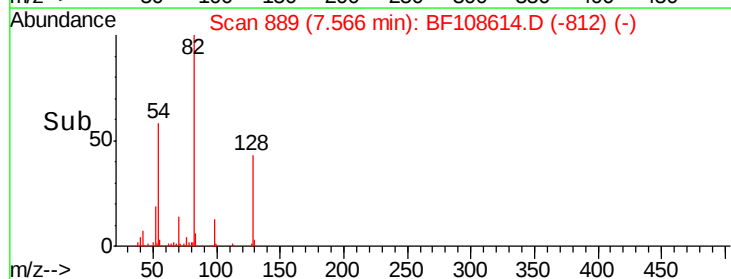
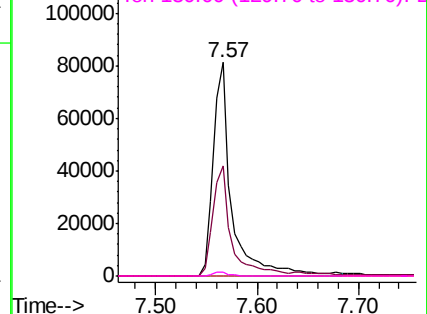
42 51.5 47.5 71.3

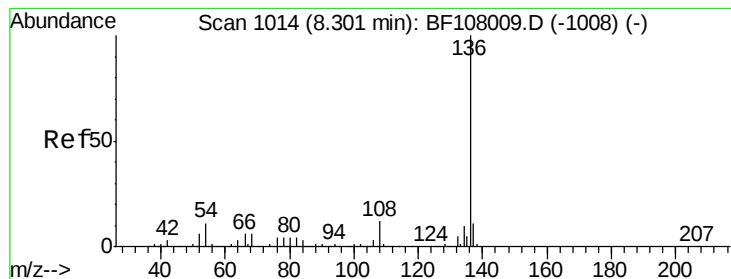
101 0.0 7.4 11.2#

130 2.0 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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108614.D

Acq: 29 Aug 2018 19:38

Instrument :

BNA_F

ClientSampleId :

082718-SIDI-F-U-B

Tgt Ion: 136 Resp: 418537

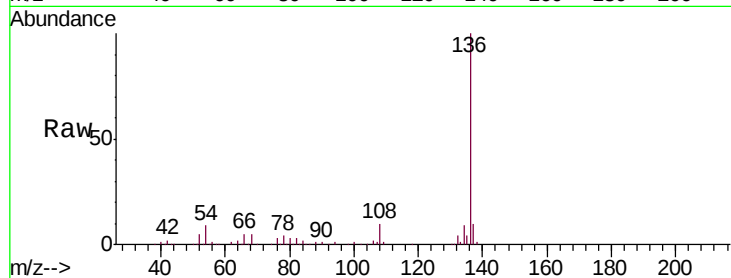
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 9.0 6.6 9.8

68 5.3 5.0 7.4

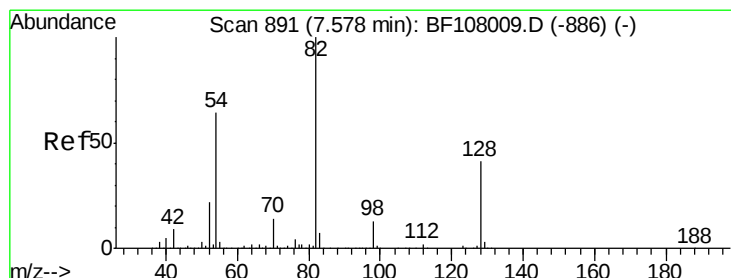
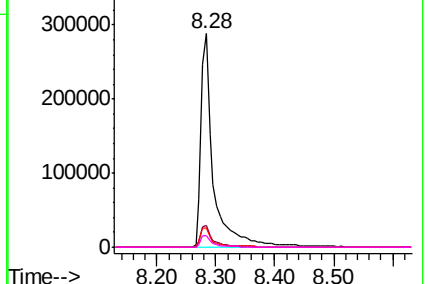
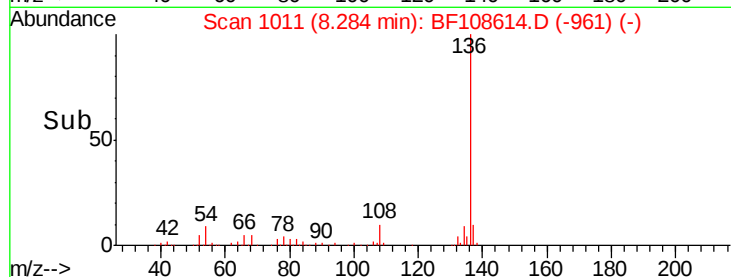


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.318 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108614.D

Acq: 29 Aug 2018 19:38

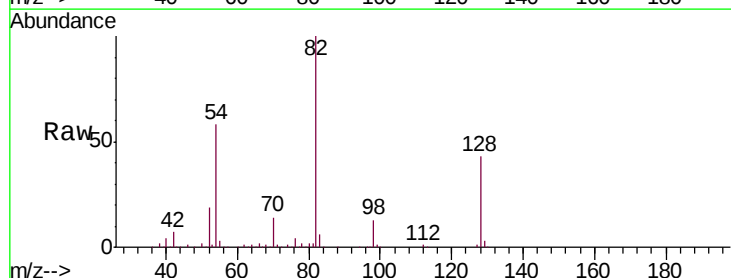
Tgt Ion: 82 Resp: 789935

Ion Ratio Lower Upper

82 100

128 43.1 36.1 54.1

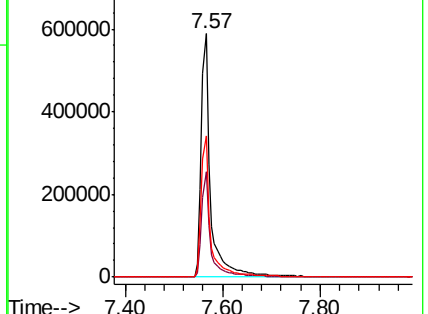
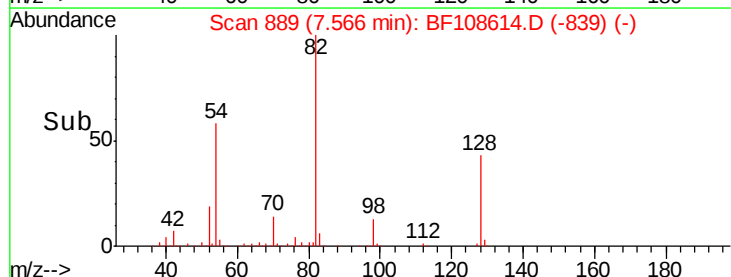
54 57.8 41.4 62.2

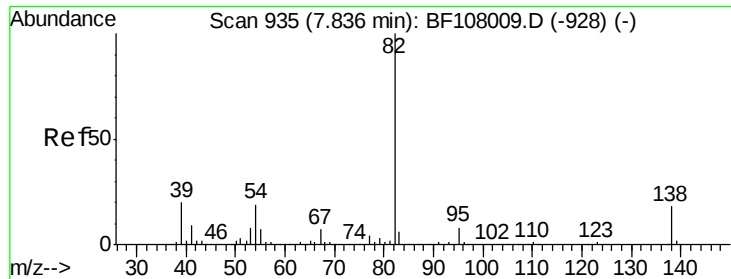


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 55.353 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108614.D

Acq: 29 Aug 2018 19:38

Instrument :

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ClientSampleId :

082718-SIDI-F-U-B

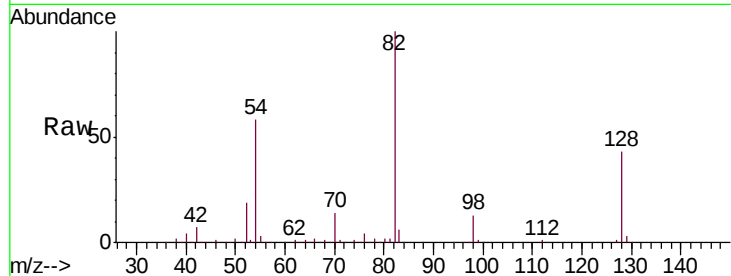
Tgt Ion: 82 Resp: 791340

Ion Ratio Lower Upper

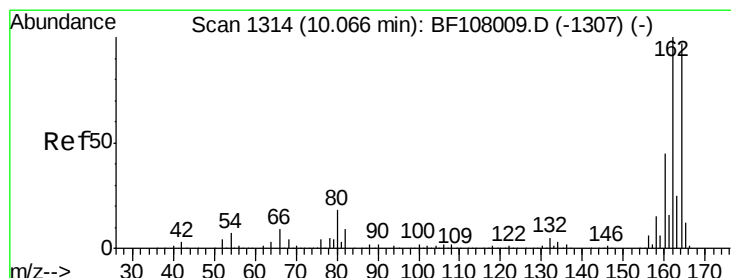
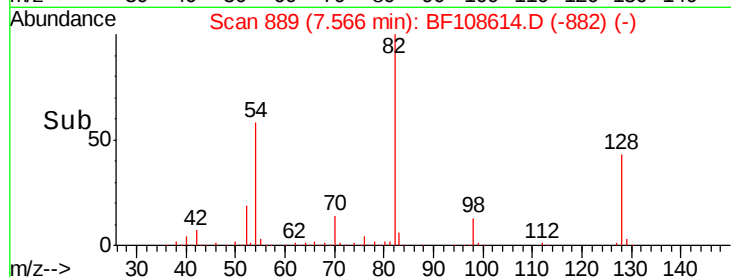
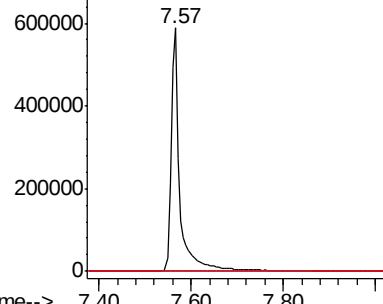
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
800000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108614.D

Acq: 29 Aug 2018 19:38

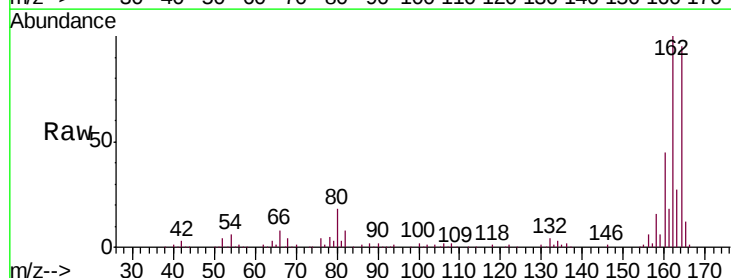
Tgt Ion: 164 Resp: 185507

Ion Ratio Lower Upper

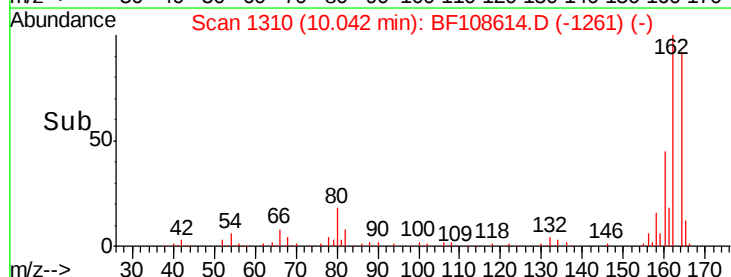
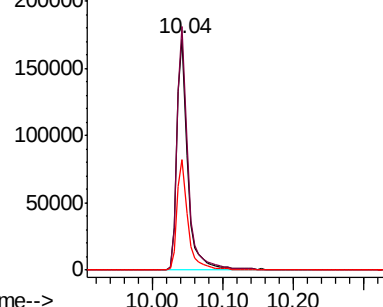
164 100

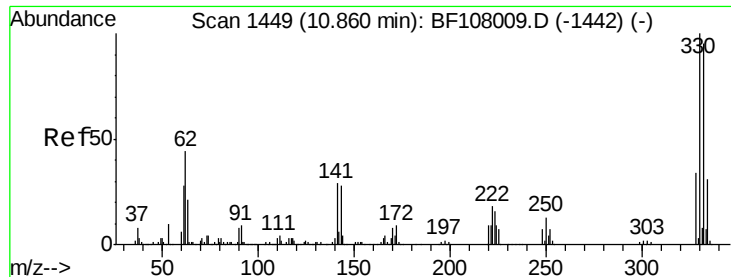
162 105.2 86.1 129.1

160 47.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
250000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

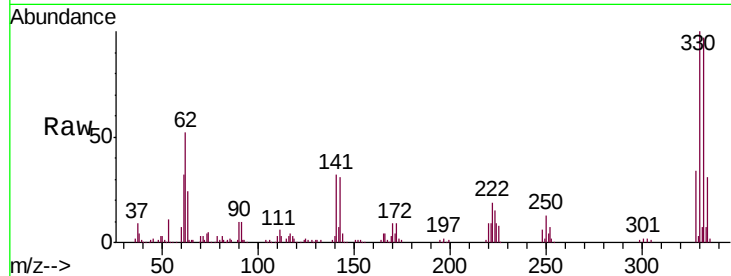




#41
 2,4,6-Tribromophenol
 Concen: 93.710 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108614.D
 Acq: 29 Aug 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :
 082718-SIDI-F-U-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	33.0	29.9	44.9

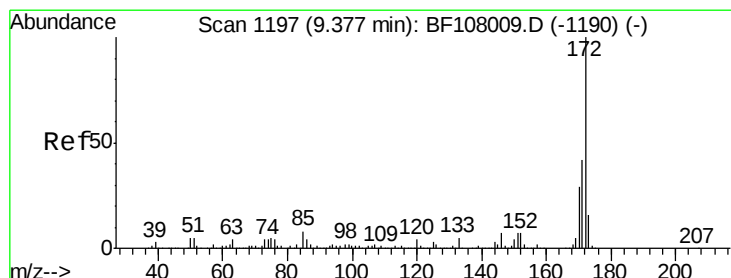
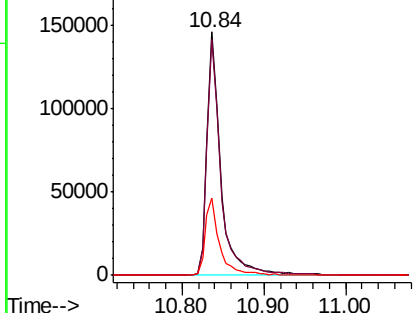
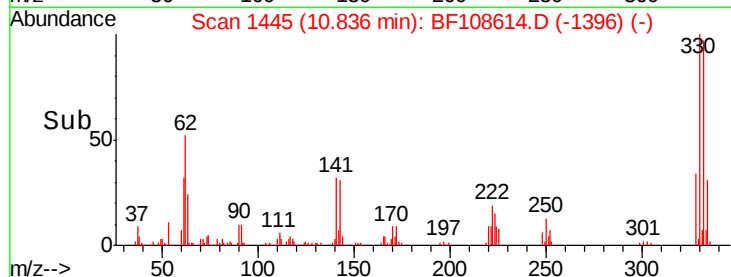


Abundance

Ion 329.80 (329.50 to 330.50): E

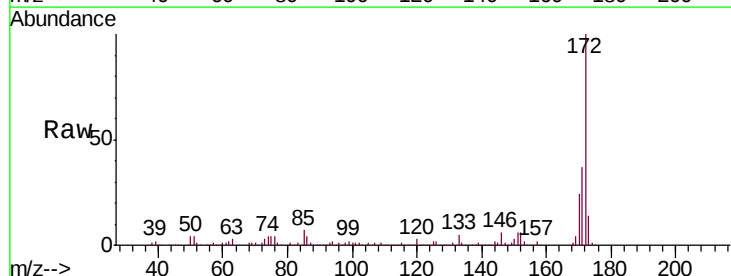
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 123.276 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108614.D
 Acq: 29 Aug 2018 19:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.4	19.6	29.4

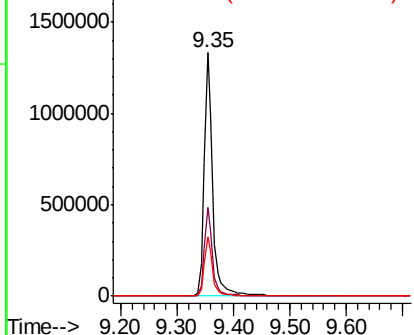
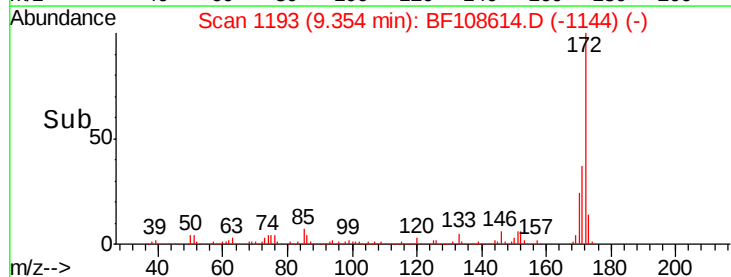


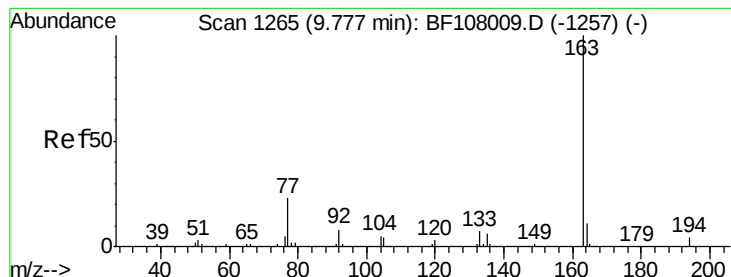
Abundance

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: 14.320 ng

RT: 9.74 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF108614.D

Acq: 29 Aug 2018 19:38

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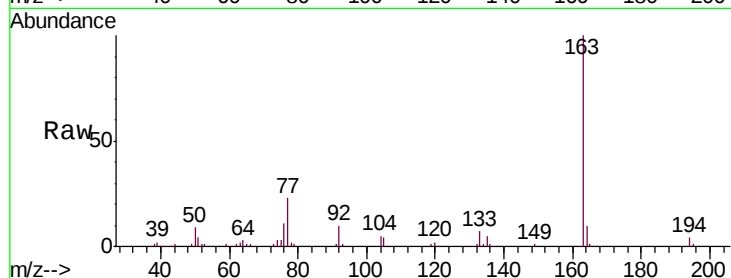
Tgt Ion:163 Resp: 185038

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

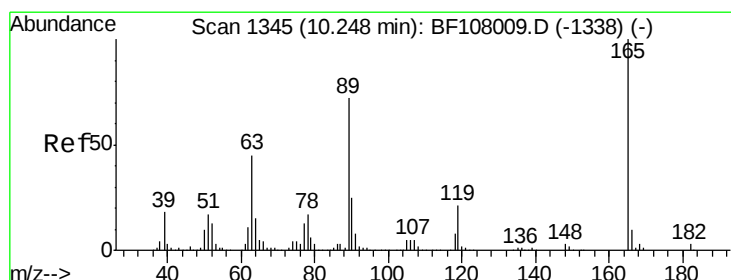
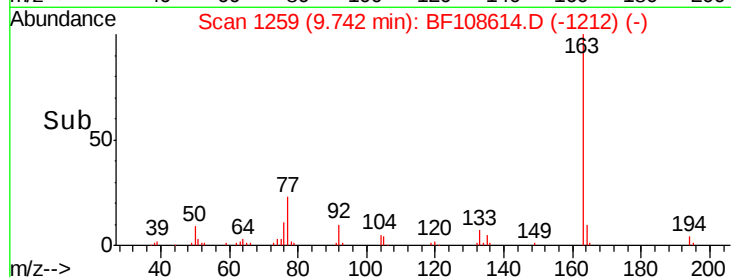
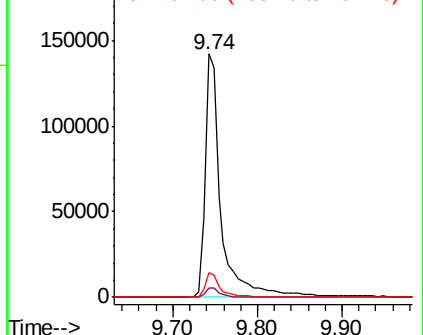
164 10.0 8.2 12.2



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: 6.780 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.19 min

Lab File: BF108614.D

Acq: 29 Aug 2018 19:38

Tgt Ion:165 Resp: 23594

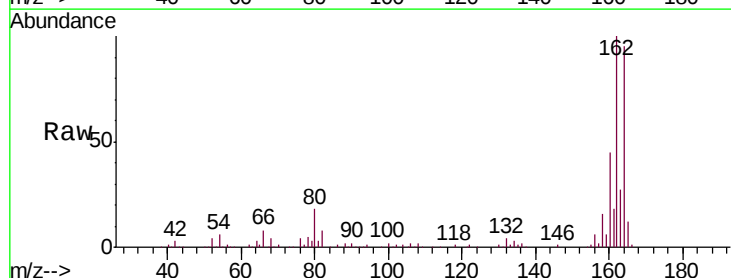
Ion Ratio Lower Upper

165 100

63 1.9 36.4 54.6#

89 2.2 57.8 86.6#

182 0.0 1.6 2.4#

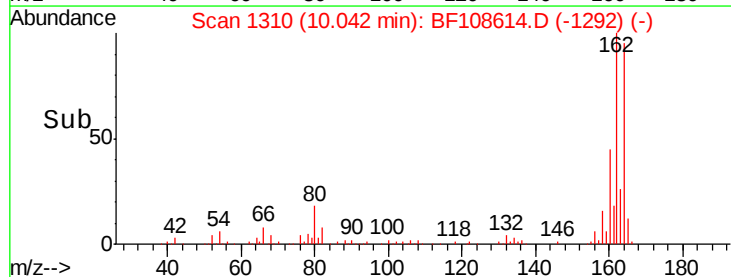
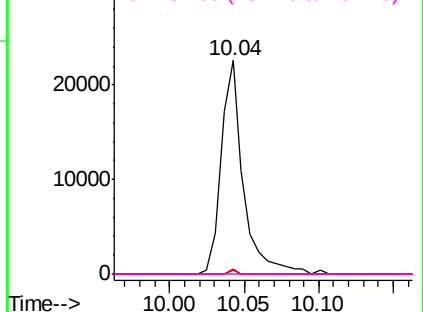


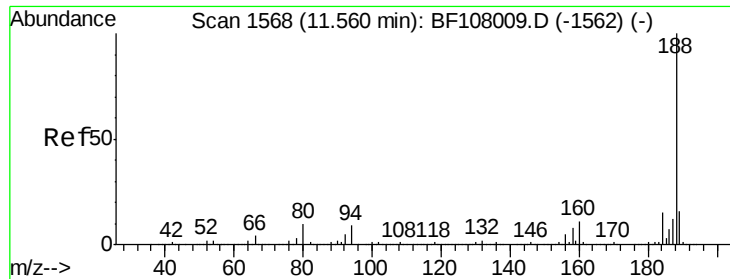
Abundance Ion 165.00 (164.70 to 165.70): E

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

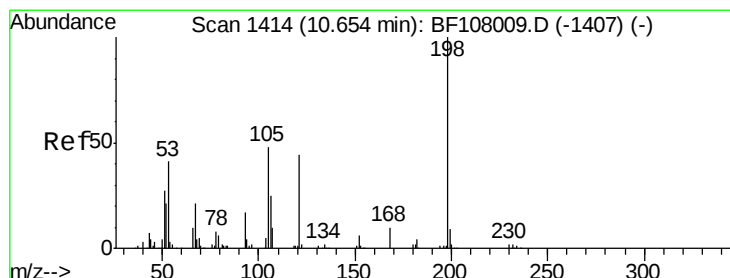
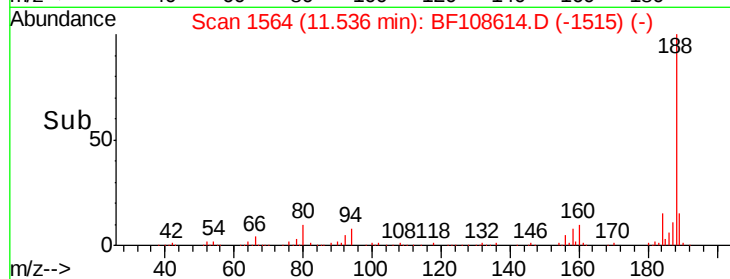
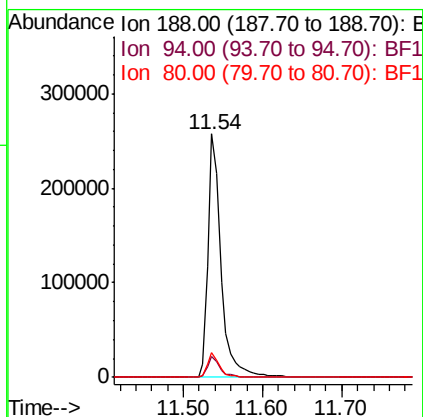
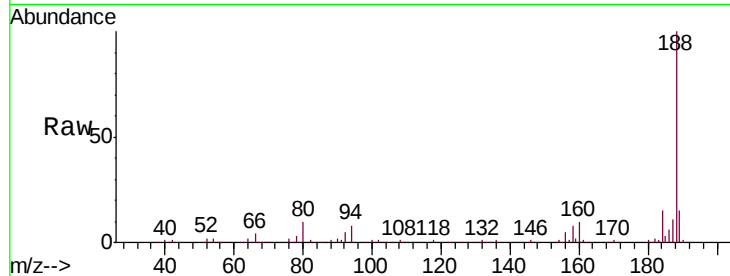




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108614.D
Acq: 29 Aug 2018 19:38

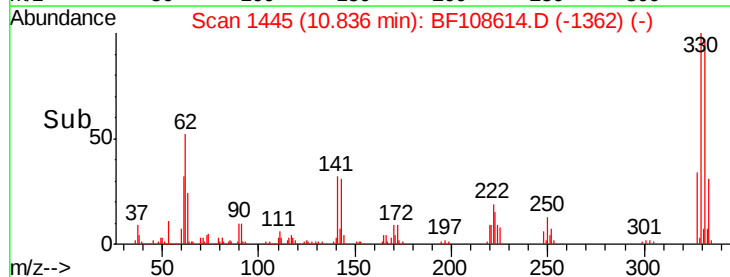
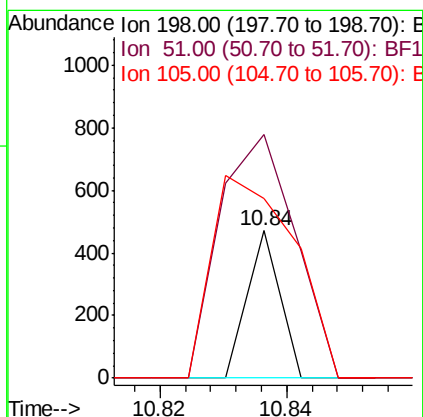
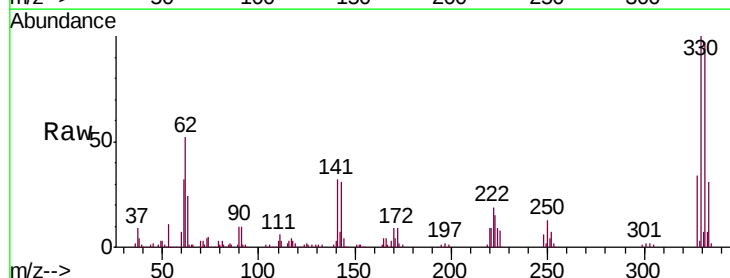
Instrument :
BNA_F
ClientSampleId :
082718-SIDI-F-U-B

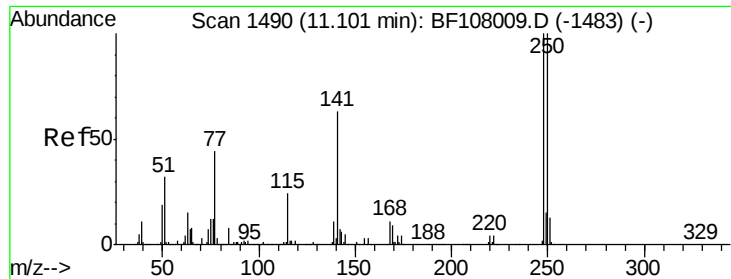
Tgt Ion:188 Resp: 297289
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 10.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.491 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108614.D
Acq: 29 Aug 2018 19:38

Tgt Ion:198 Resp: 166
Ion Ratio Lower Upper
198 100
51 165.5 37.7 77.7#
105 122.1 36.3 76.3#

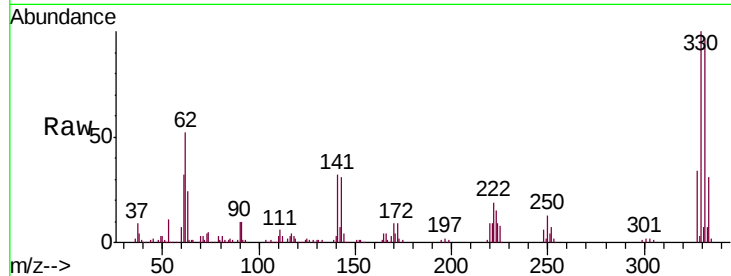




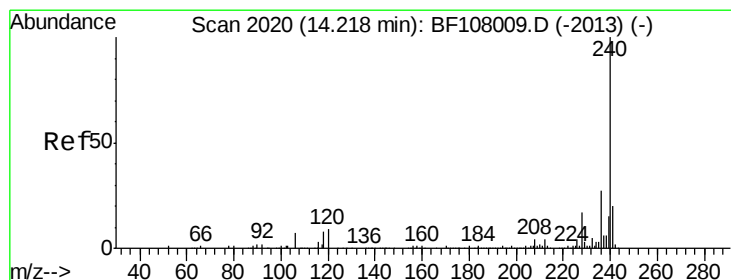
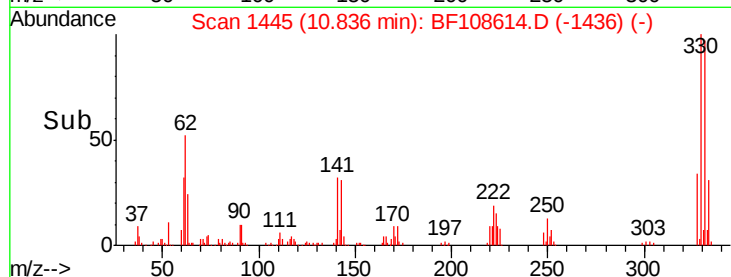
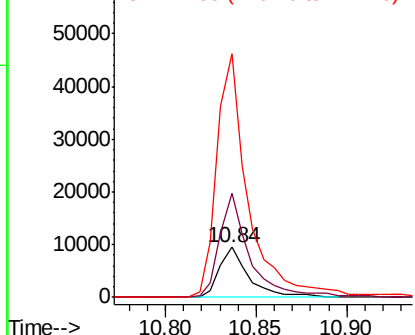
#66
 4-Bromophenyl-phenylether
 Concen: 3.321 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108614.D
 Acq: 29 Aug 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :
 082718-SIDI-F-U-B

Tgt Ion: 248 Resp: 10728
 Ion Ratio Lower Upper
 248 100
 250 208.0 76.9 115.3#
 141 486.3 74.4 111.6#

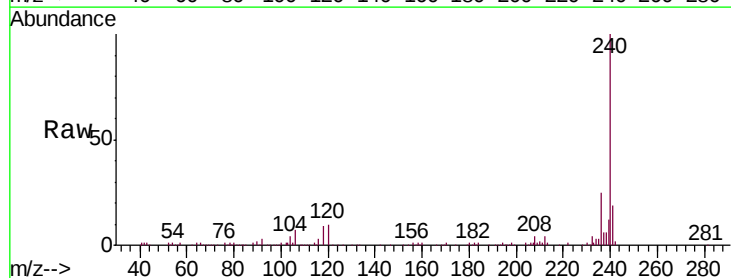


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

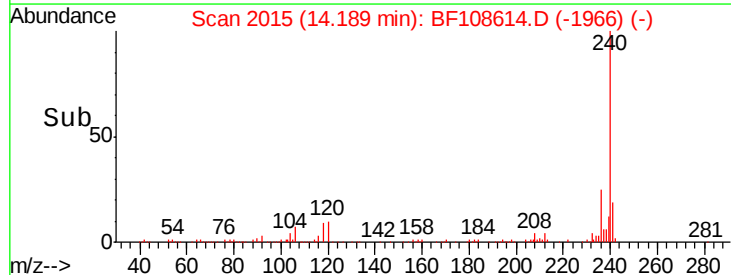
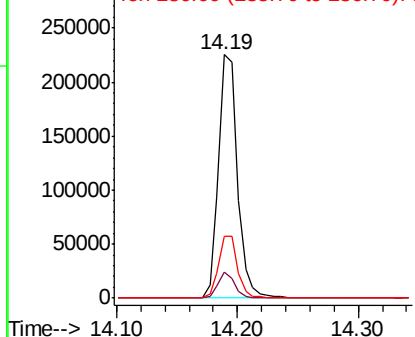


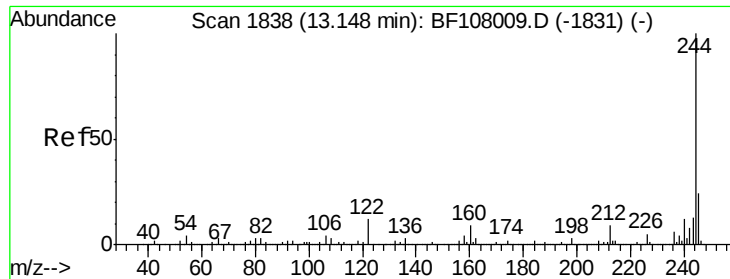
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108614.D
 Acq: 29 Aug 2018 19:38

Tgt Ion: 240 Resp: 243433
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.5 14.3
 236 25.2 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

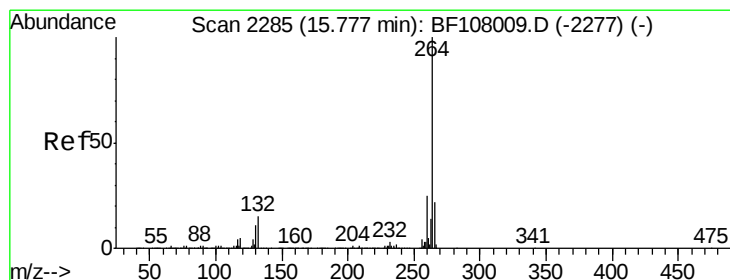
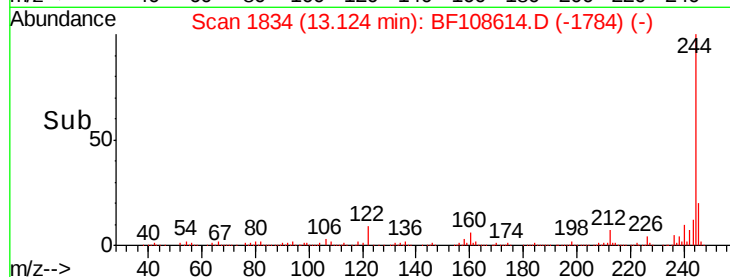
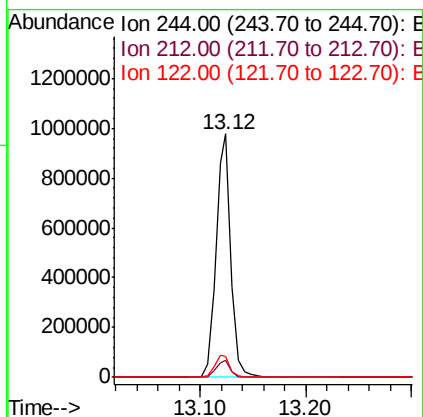
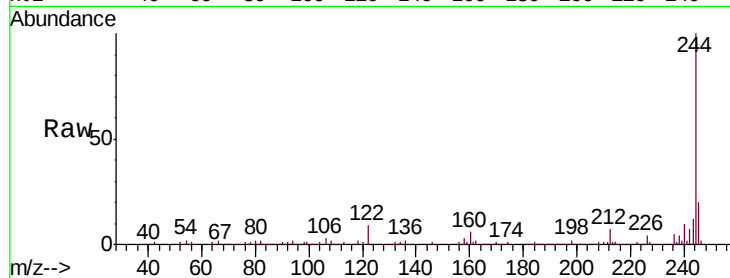




#78
 Terphenyl-d14
 Concen: 100.400 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108614.D
 Acq: 29 Aug 2018 19:38

Instrument :
 BNA_F
 ClientSampleId :
 082718-SIDI-F-U-B

Tgt Ion:244 Resp: 961263
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 8.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108614.D
 Acq: 29 Aug 2018 19:38

Tgt Ion:264 Resp: 239963
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.0 17.5 26.3

