

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
 Data File : BF108581.D
 Acq On : 29 Aug 2018 3:22
 Operator : JU/SJ
 Sample : J4656-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082418-SIDI-F-U-B

Quant Time: Aug 29 05:38:25 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

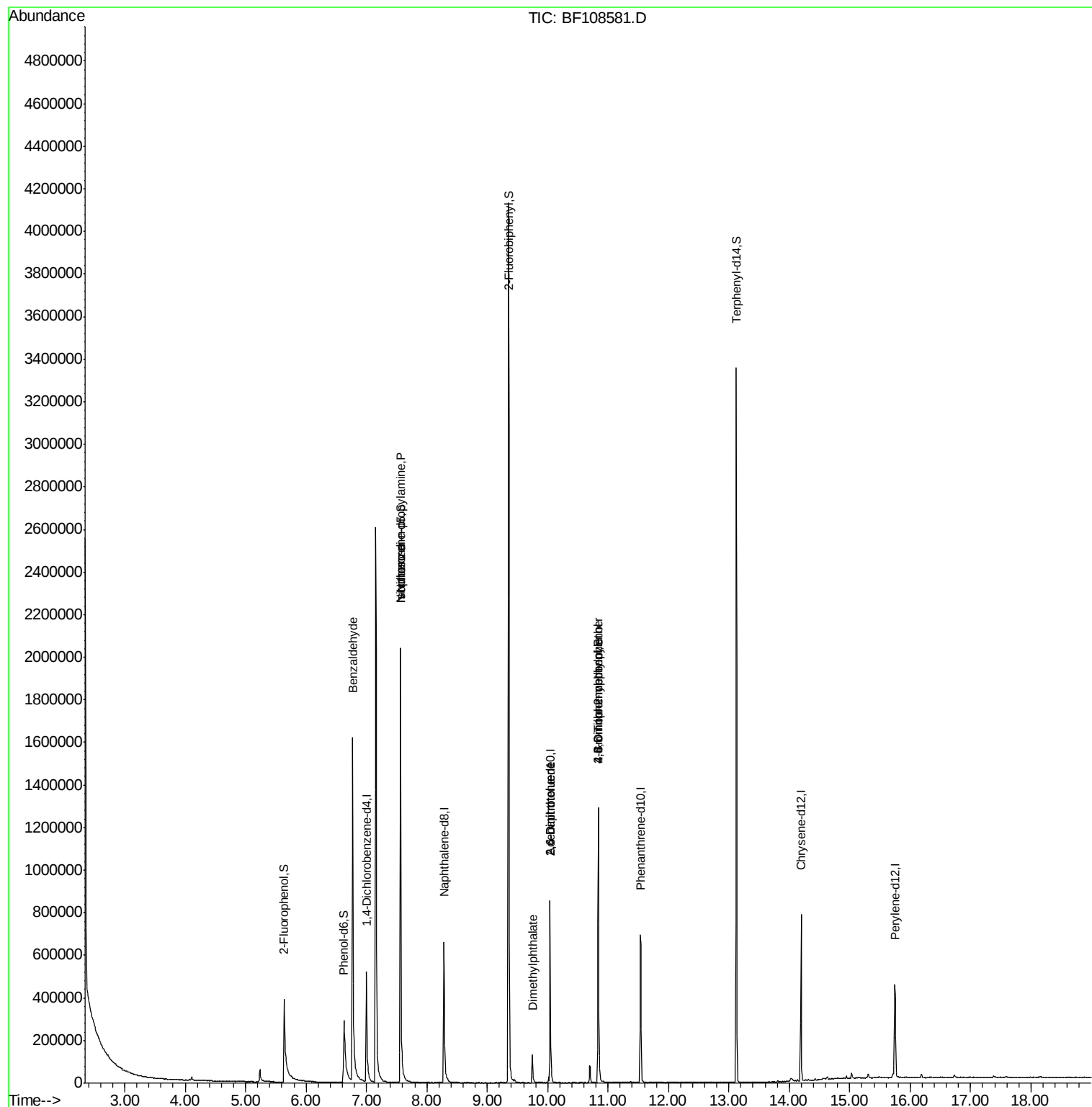
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	109482	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	399094	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	177287	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	296444	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	291246	20.00	ng	0.00
86) Perylene-d12	15.75	264	233960	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	255101	42.18	ng	0.00
7) Phenol-d6	6.63	99	225191	28.02	ng	0.00
23) Nitrobenzene-d5	7.57	82	790950	110.59	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	175729	99.37	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1398925	126.68	ng	-0.01
78) Terphenyl-d14	13.12	244	1149108	100.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.77	77	12570	2.018	ng	# 77
19) n-Nitroso-di-n-propylamine	7.57	70	105986	19.504	ng	# 82
25) Isophorone	7.57	82	790945	58.021	ng	# 64
49) Dimethylphthalate	9.75	163	73945	5.988	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	22193	8.589	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	22194	6.673	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	275	5.578	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	11371	3.530	ng	# 1

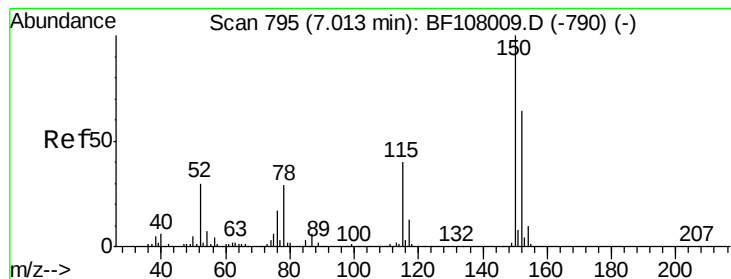
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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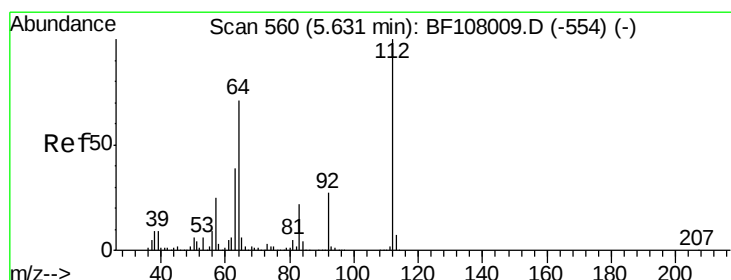
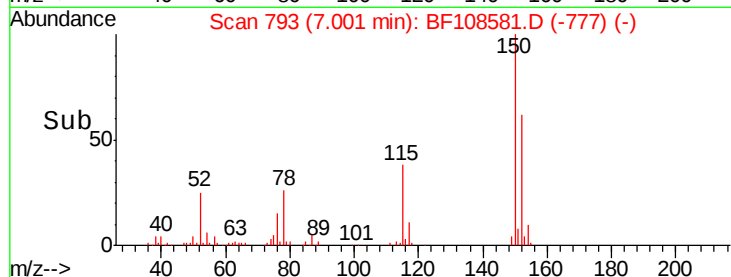
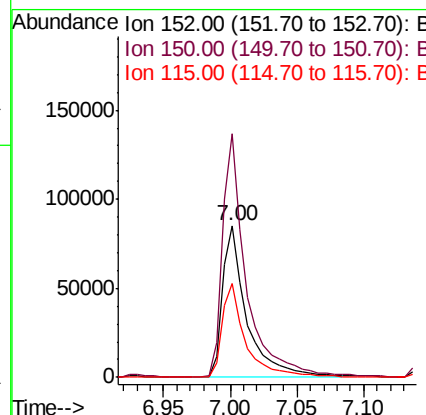
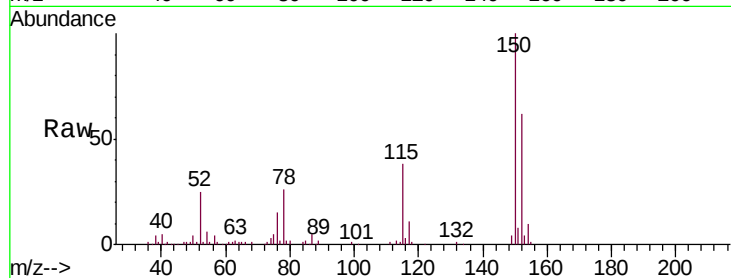


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108581.D
Acq: 29 Aug 2018 3:22

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-U-B

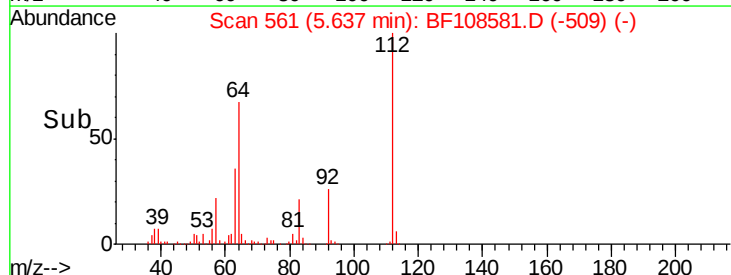
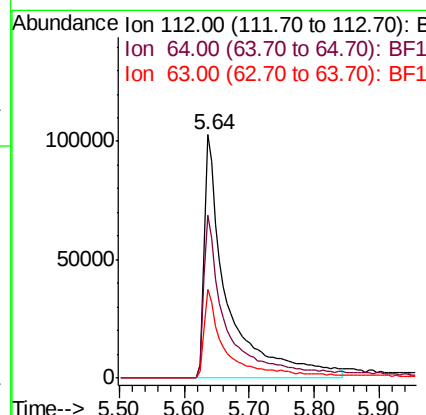
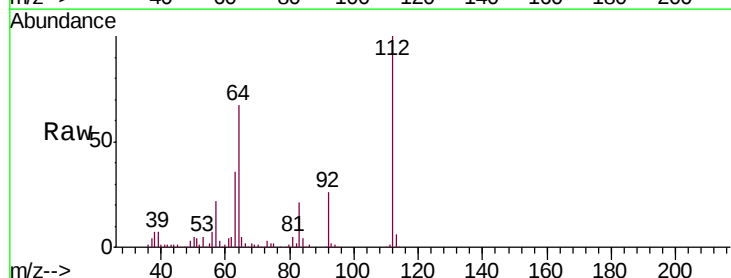
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	61.6	50.1	75.1

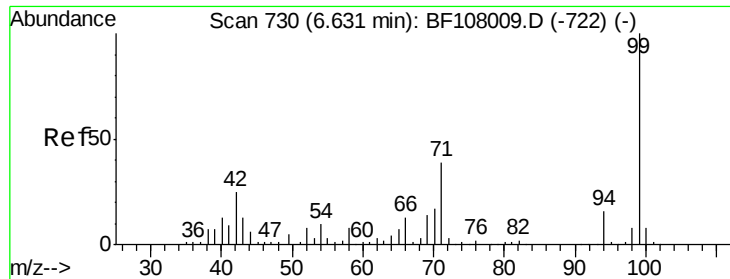


#5

2-Fluorophenol
Concen: 42.185 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108581.D
Acq: 29 Aug 2018 3:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	47.9	71.9
63	36.3	23.7	35.5#





#7

Phenol-d6

Concen: 28.023 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108581.D

Acq: 29 Aug 2018 3:22

Instrument :

BNA_F

ClientSampleId :

082418-SIDI-F-U-B

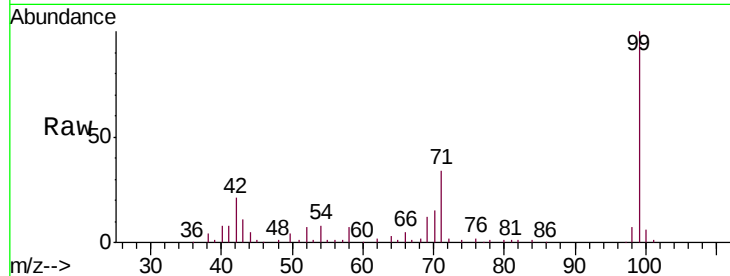
Tgt Ion: 99 Resp: 225191

Ion Ratio Lower Upper

99 100

42 21.4 14.5 21.7

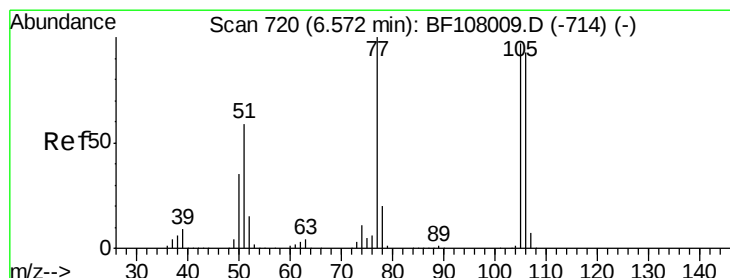
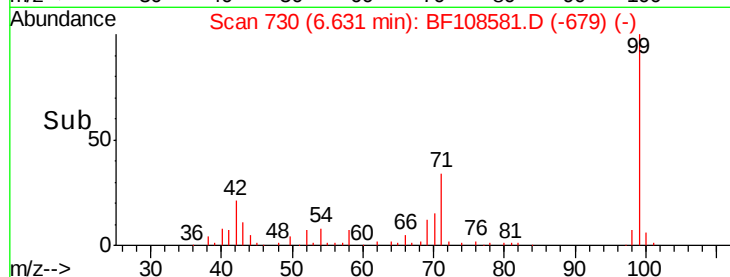
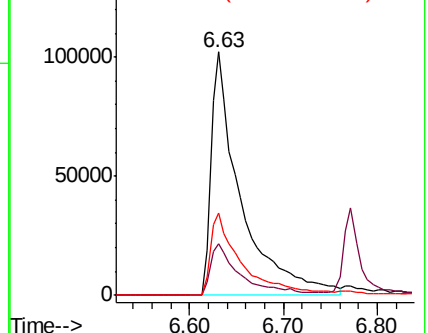
71 33.6 25.4 38.0



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: 2.018 ng

RT: 6.77 min Scan# 754

Delta R.T. 0.21 min

Lab File: BF108581.D

Acq: 29 Aug 2018 3:22

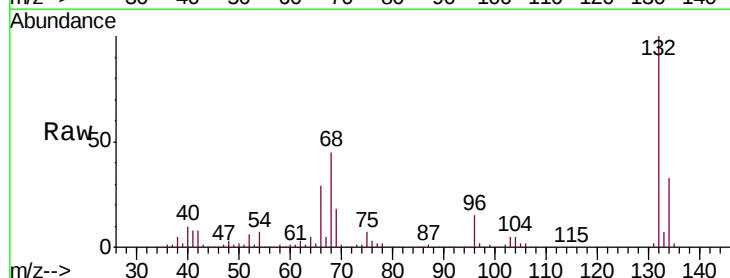
Tgt Ion: 77 Resp: 12570

Ion Ratio Lower Upper

77 100

105 80.2 81.1 121.1#

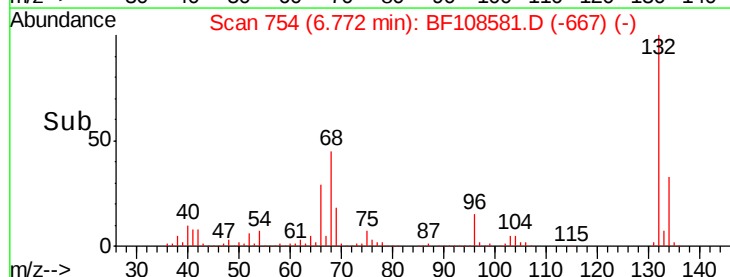
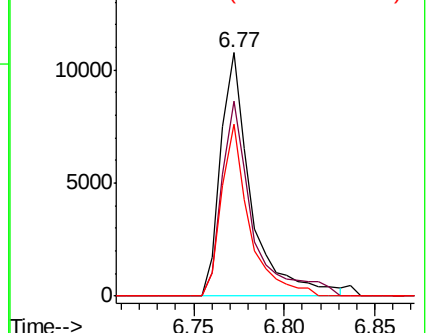
106 70.9 74.5 114.5#

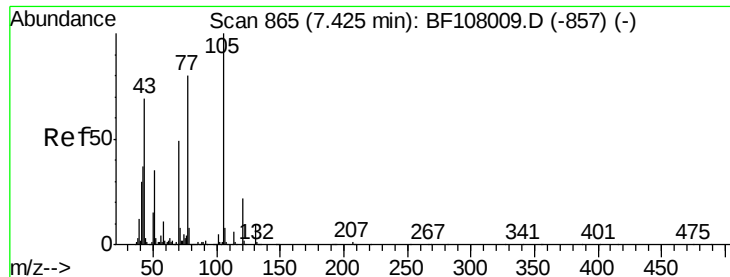


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

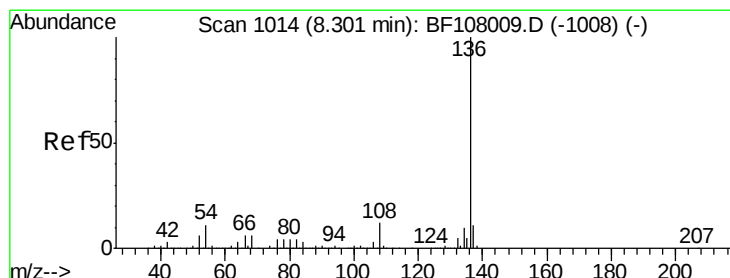
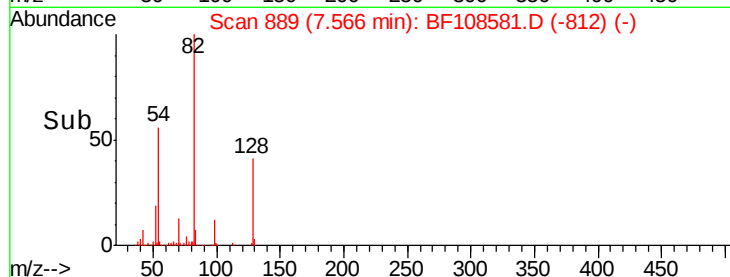
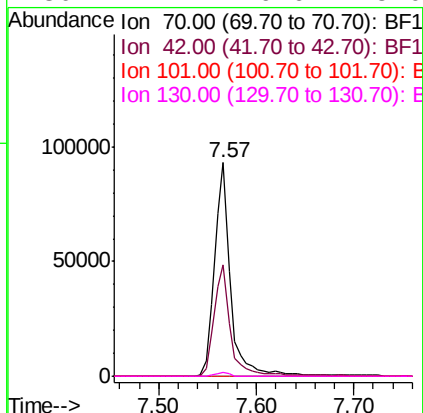
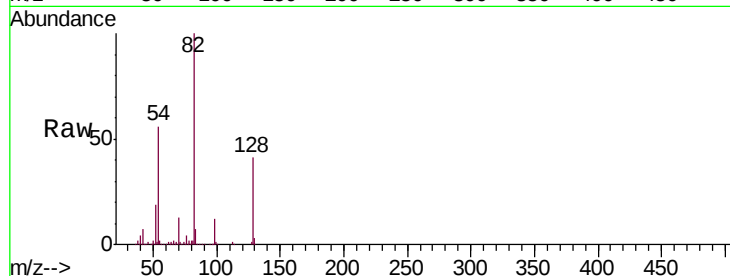




#19
n-Nitroso-di-n-propylamine
Concen: 19.504 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108581.D
Acq: 29 Aug 2018 3:22

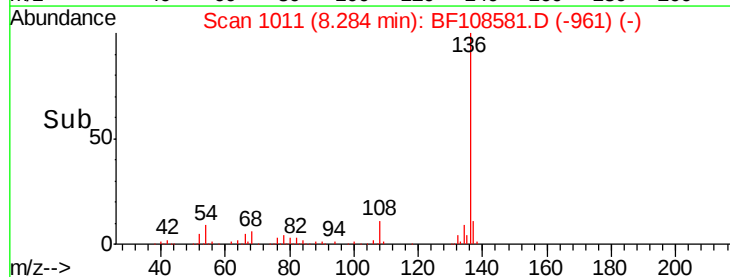
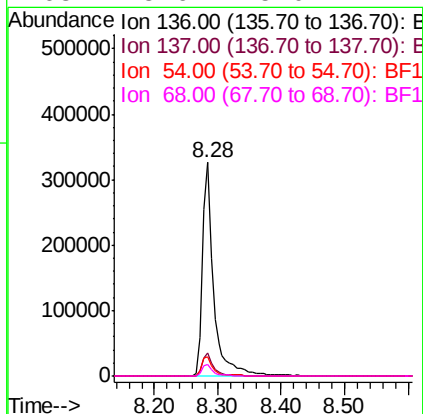
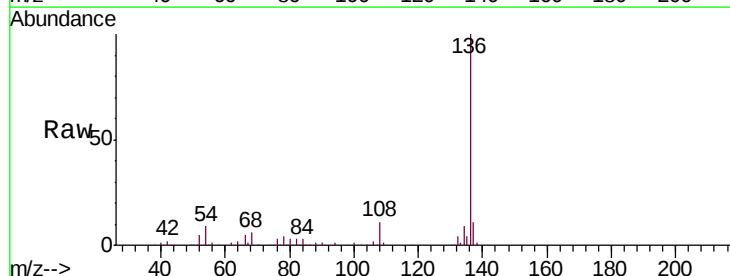
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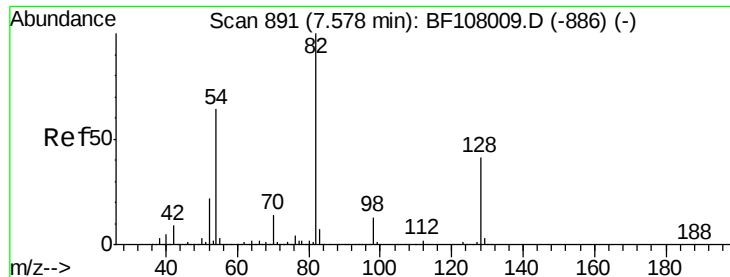
Tgt Ion:	70	Resp:	105986
Ion	Ratio	Lower	Upper
70	100		
42	52.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108581.D
Acq: 29 Aug 2018 3:22

Tgt Ion:	136	Resp:	399094
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.9	6.6	9.8
68	5.6	5.0	7.4

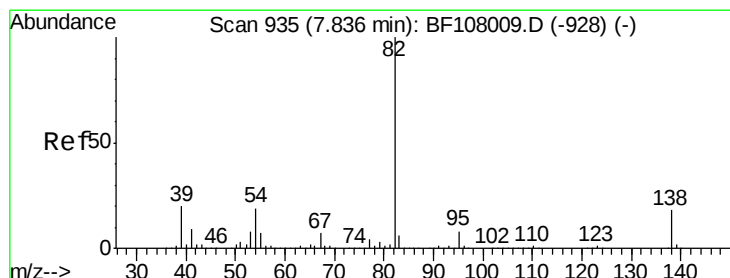
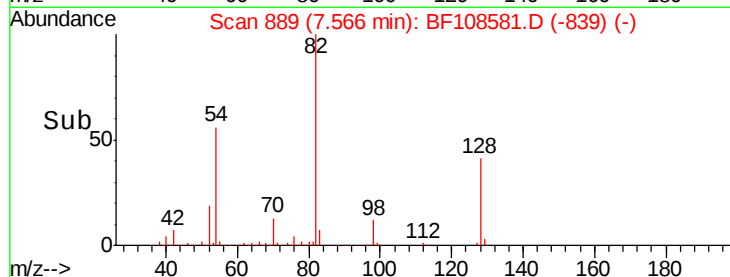
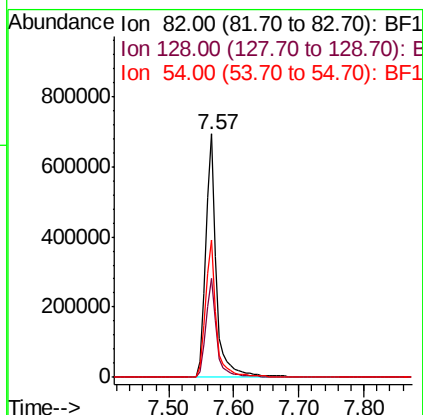
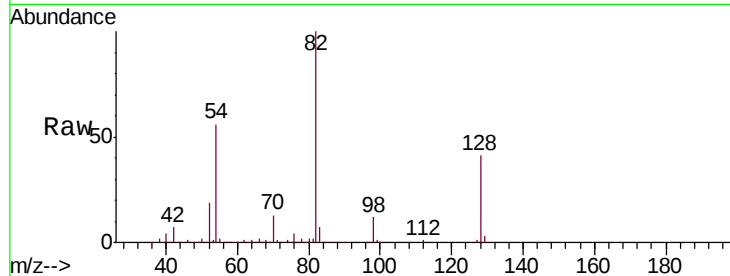




#23
 Nitrobenzene-d5
 Concen: 110.591 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108581.D
 Acq: 29 Aug 2018 3:22

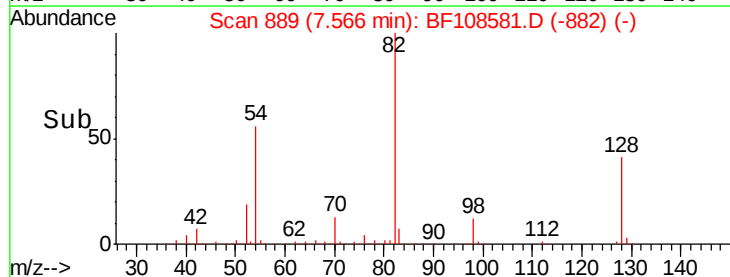
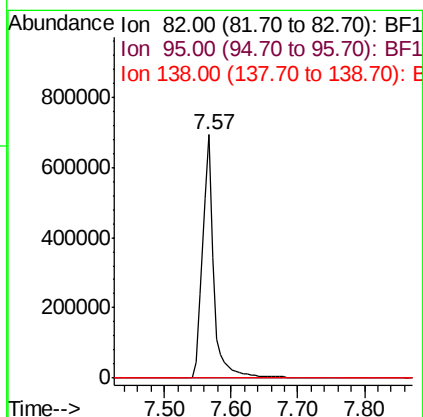
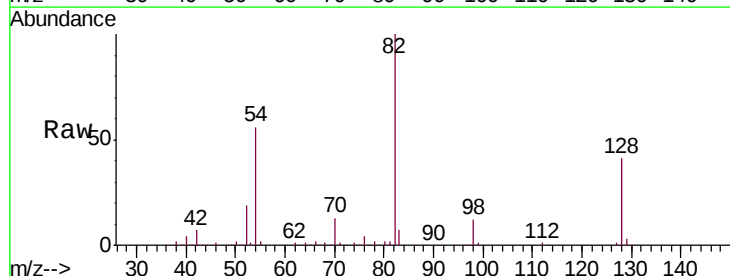
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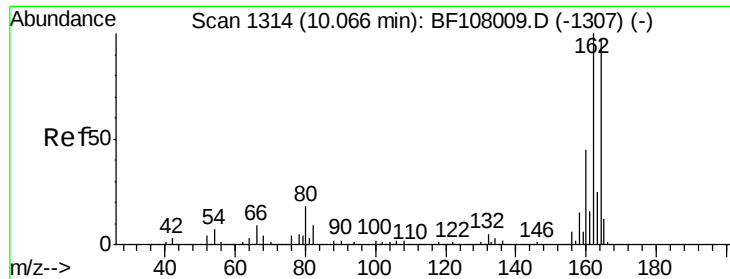
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	36.1	54.1
54	56.4	41.4	62.2



#25
 Isophorone
 Concen: 58.021 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.26 min
 Lab File: BF108581.D
 Acq: 29 Aug 2018 3:22

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

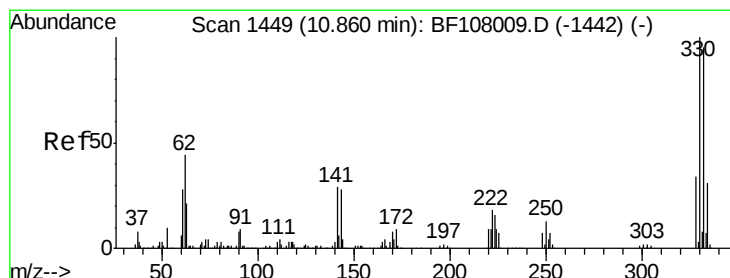
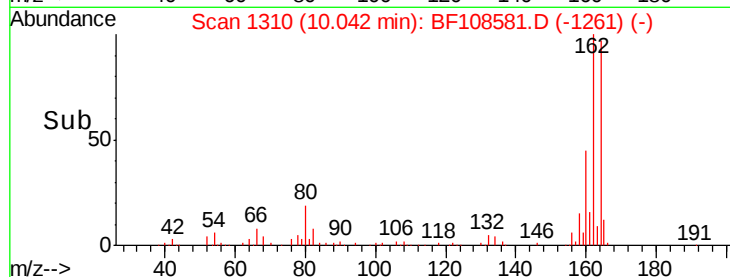
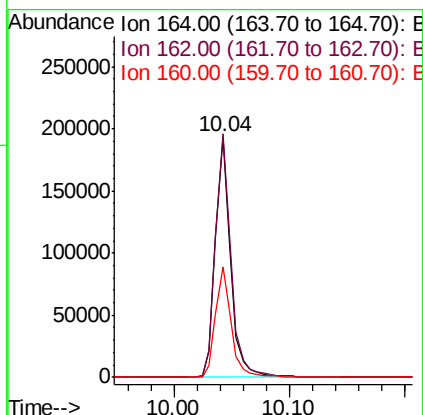
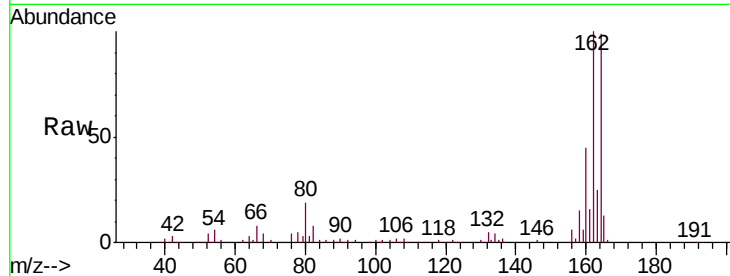




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108581.D
Acq: 29 Aug 2018 3:22

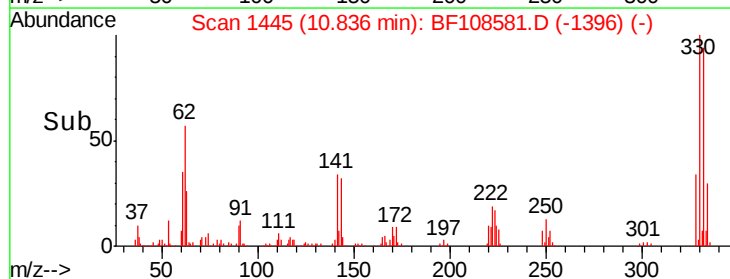
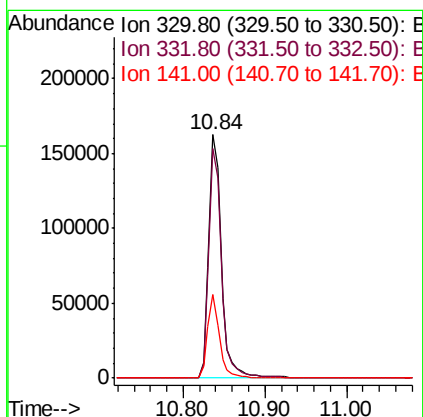
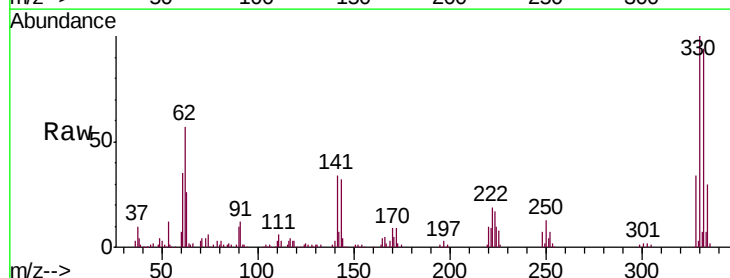
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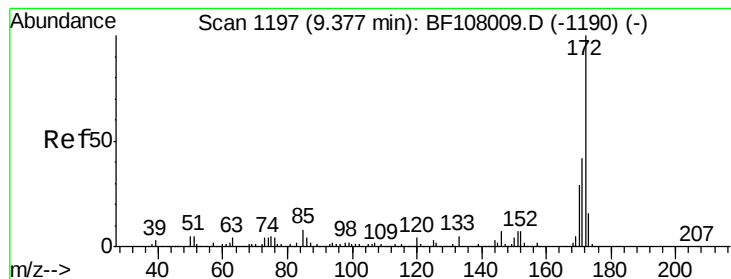
Tgt Ion:164 Resp: 177287
Ion Ratio Lower Upper
164 100
162 101.3 86.1 129.1
160 45.9 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 99.372 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108581.D
Acq: 29 Aug 2018 3:22

Tgt Ion:330 Resp: 175729
Ion Ratio Lower Upper
330 100
332 94.4 77.0 115.6
141 32.2 29.9 44.9

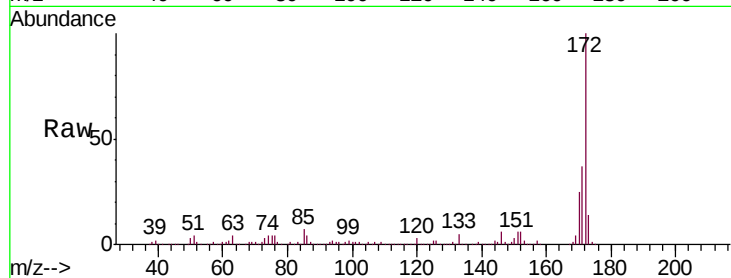




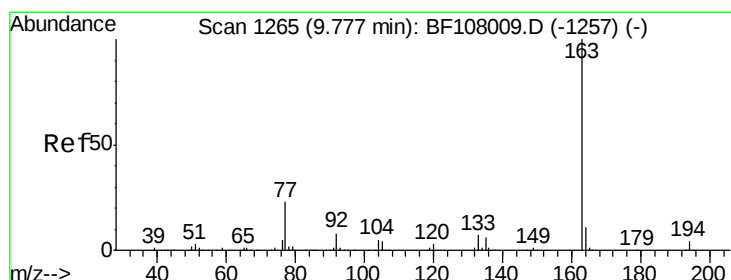
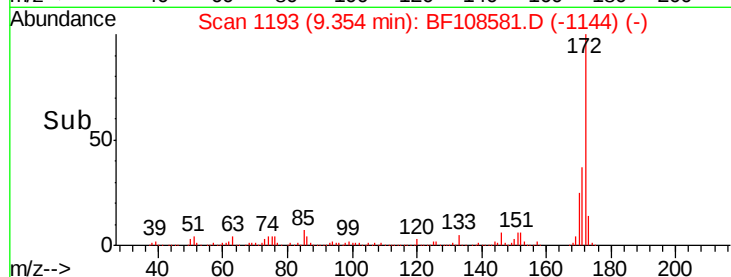
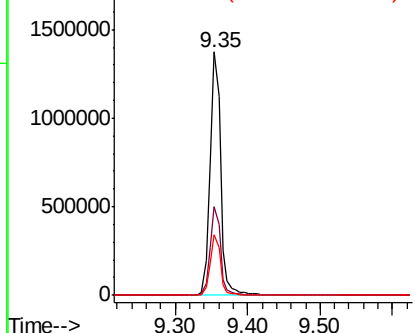
#44
 2-Fluorobiphenyl
 Concen: 126.683 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108581.D
 Acq: 29 Aug 2018 3:22

Instrument :
 BNA_F
 ClientSampleId :
 082418-SIDI-F-U-B

Tgt Ion:172 Resp: 1398925
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.6 19.6 29.4

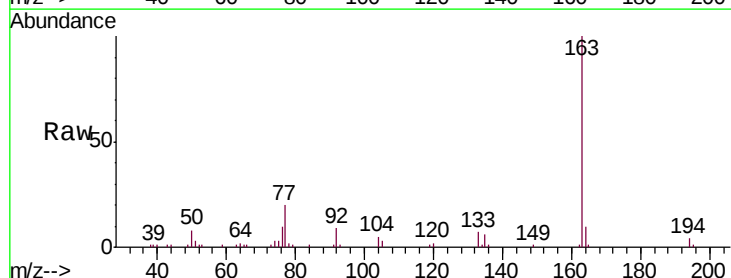


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

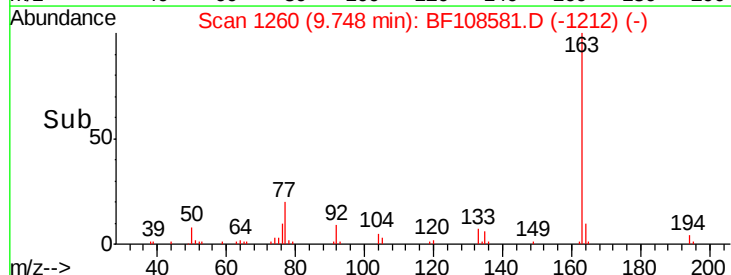
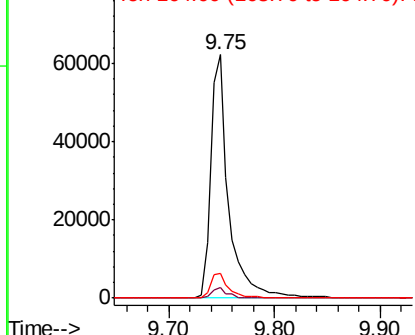


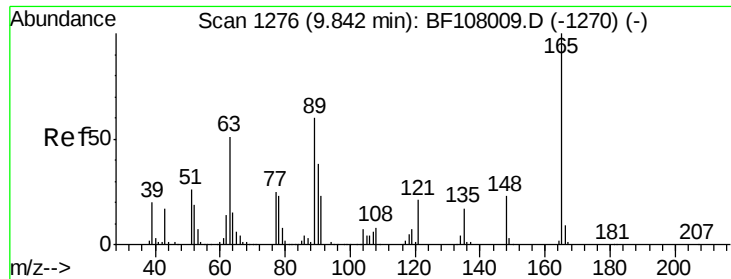
#49
 Dimethylphthalate
 Concen: 5.988 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF108581.D
 Acq: 29 Aug 2018 3:22

Tgt Ion:163 Resp: 73945
 Ion Ratio Lower Upper
 163 100
 194 4.4 2.7 4.1#
 164 10.3 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

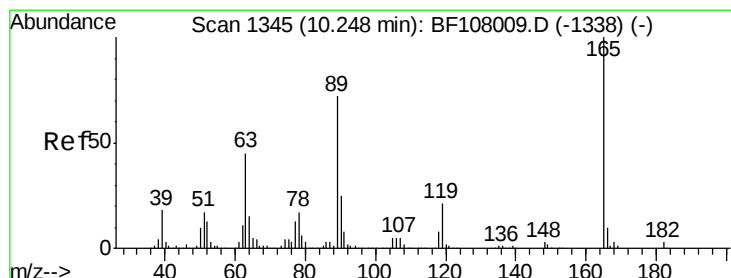
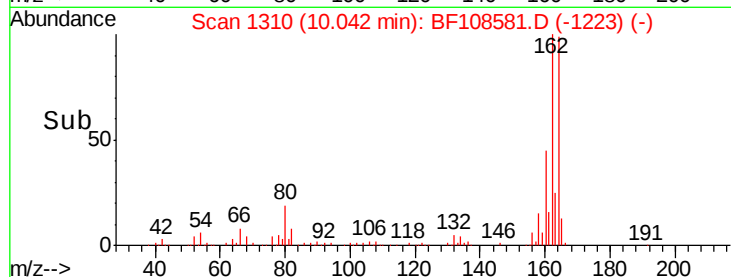
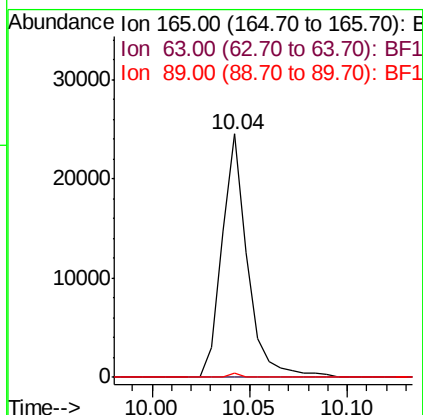
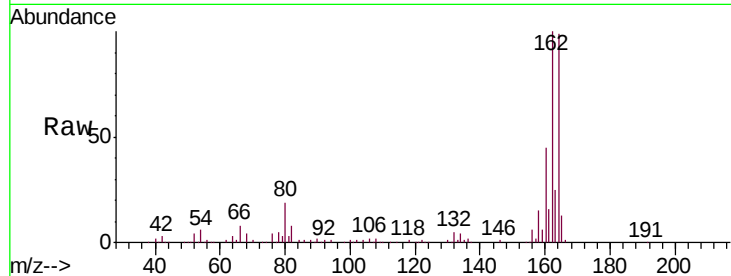




#50
 2,6-Dinitrotoluene
 Concen: 8.589 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108581.D
 Acq: 29 Aug 2018 3:22

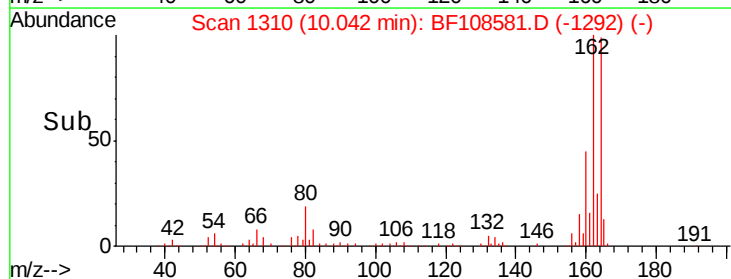
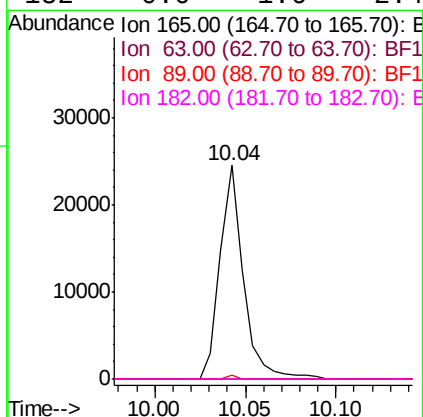
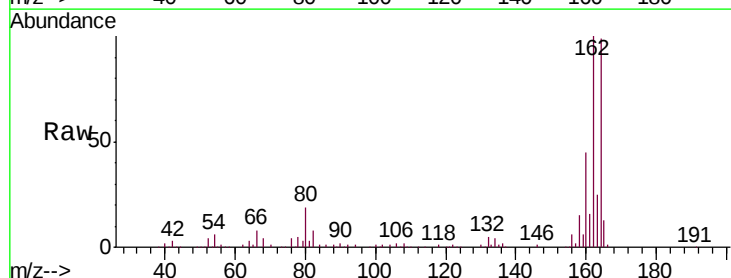
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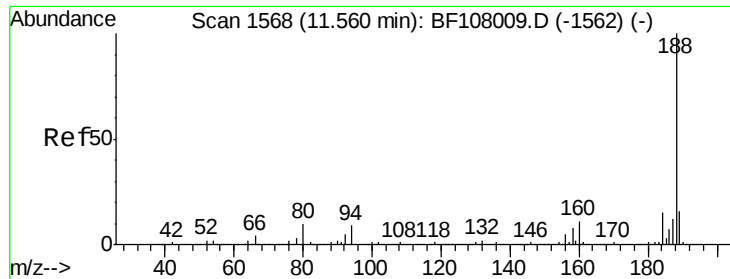
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.8	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.673 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108581.D
 Acq: 29 Aug 2018 3:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

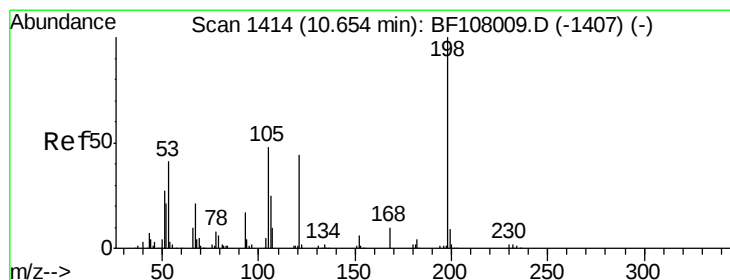
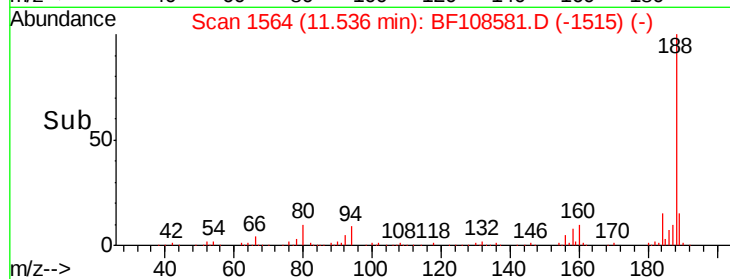
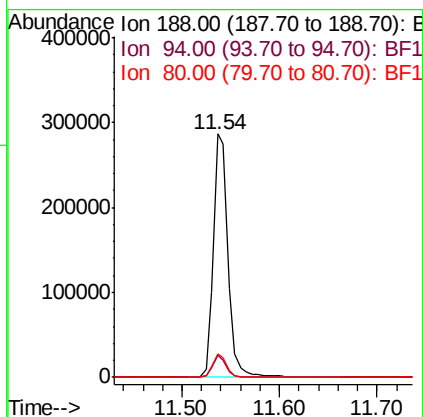
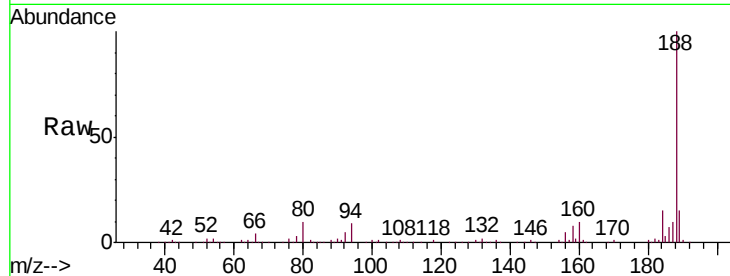




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108581.D
 Acq: 29 Aug 2018 3:22

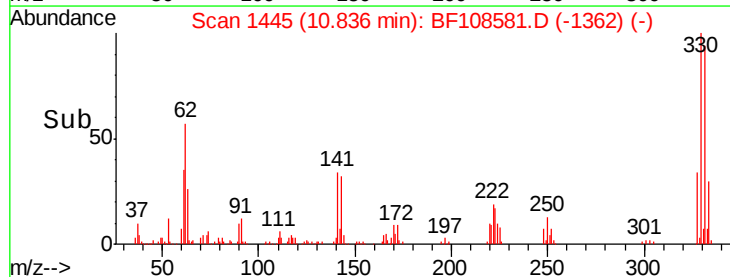
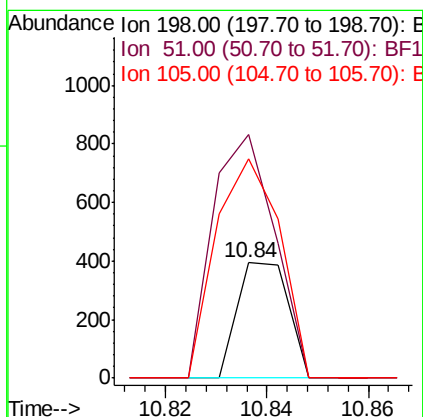
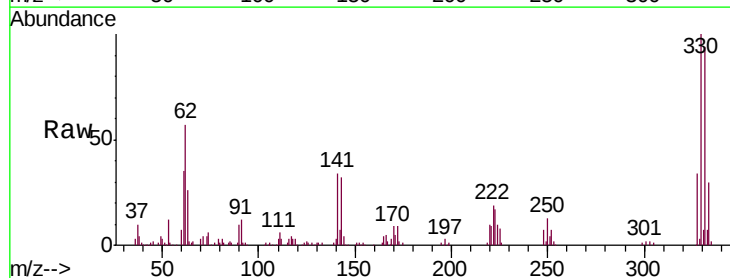
Instrument :
 BNA_F
 ClientSampleId :
 082418-SIDI-F-U-B

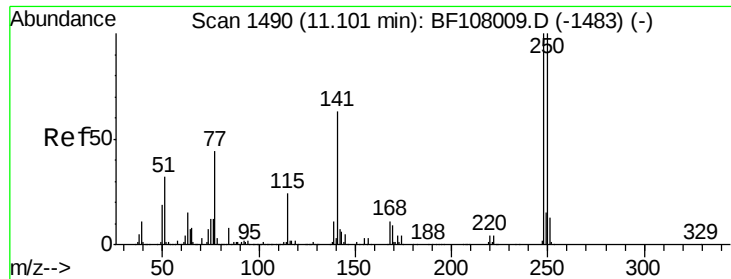
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.7	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.578 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108581.D
 Acq: 29 Aug 2018 3:22

Tgt Ion	Ratio	Lower	Upper
198	100		
51	211.7	37.7	77.7#
105	190.6	36.3	76.3#

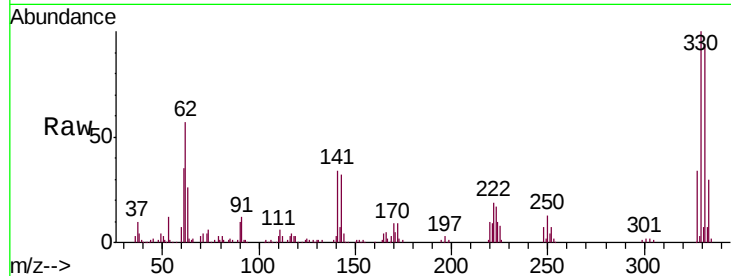




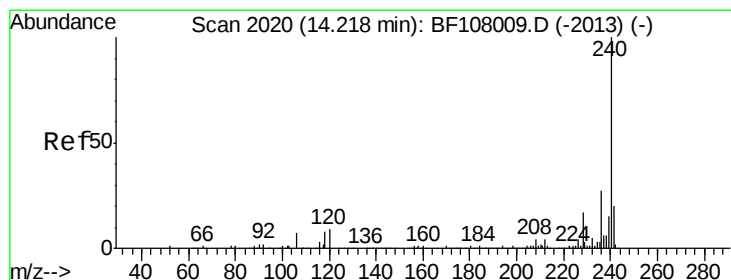
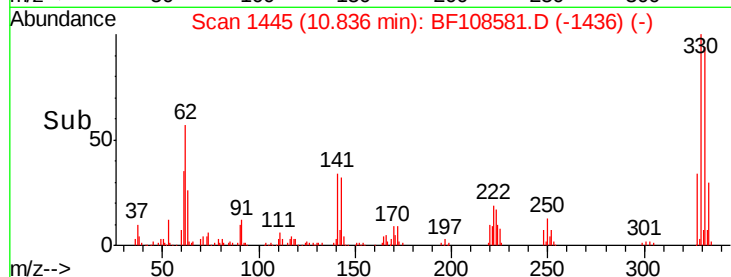
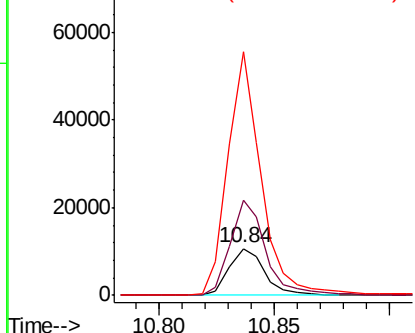
#66
4-Bromophenyl-phenylether
Concen: 3.530 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108581.D
Acq: 29 Aug 2018 3:22

Instrument :
BNA_F
ClientSampleId :
082418-SIDI-F-U-B

Tgt Ion:248 Resp: 11371
Ion Ratio Lower Upper
248 100
250 203.1 76.9 115.3#
141 520.9 74.4 111.6#

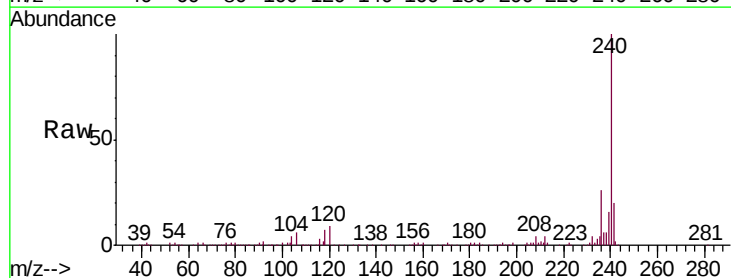


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

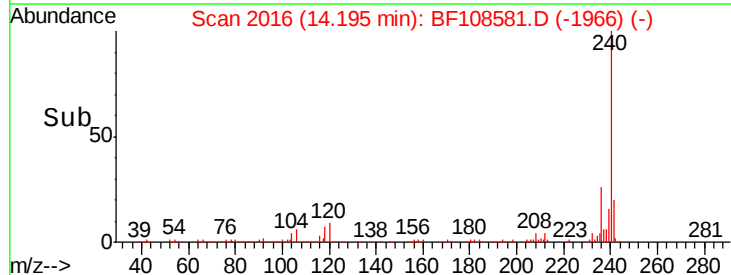
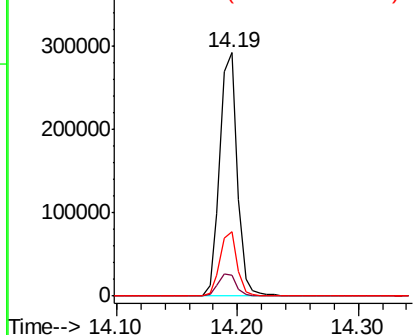


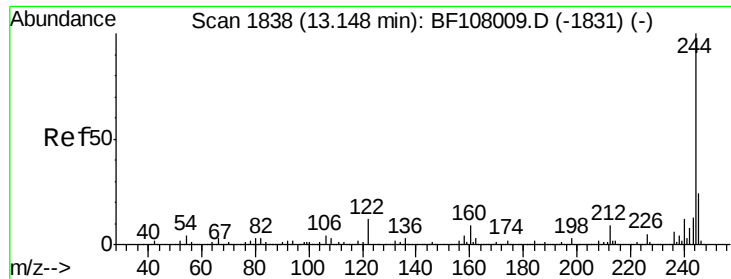
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108581.D
Acq: 29 Aug 2018 3:22

Tgt Ion:240 Resp: 291246
Ion Ratio Lower Upper
240 100
120 8.6 9.5 14.3#
236 26.5 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

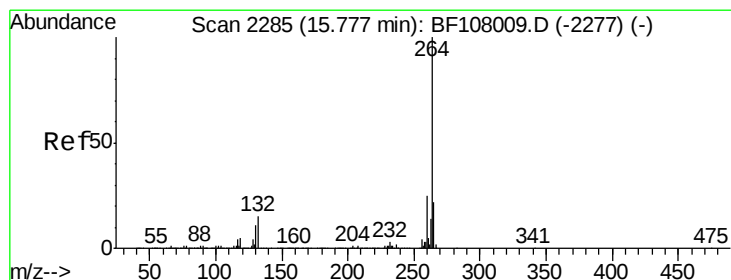
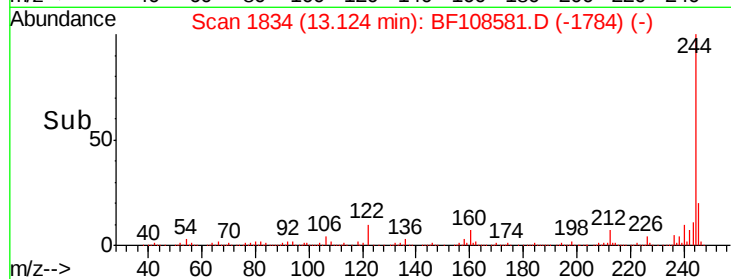
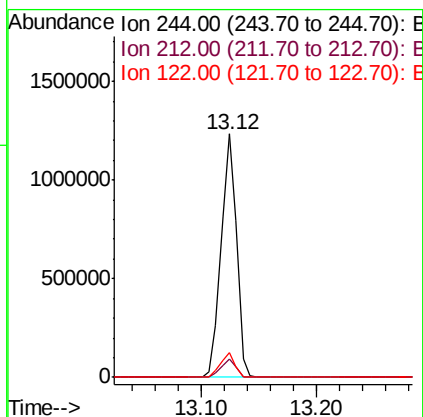
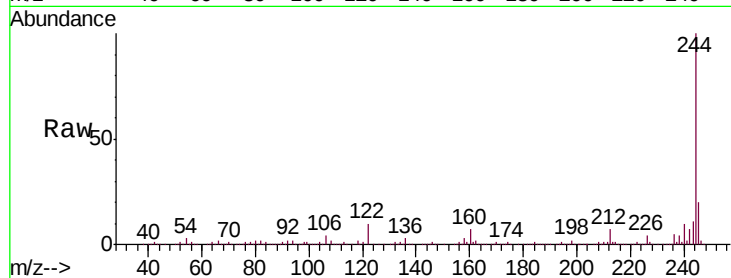




#78
 Terphenyl-d14
 Concen: 100.317 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108581.D
 Acq: 29 Aug 2018 3:22

Instrument :
 BNA_F
 ClientSampleId :
 082418-SIDI-F-U-B

Tgt Ion:244 Resp: 1149108
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.0
 122 10.1 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: BF108581.D
 Acq: 29 Aug 2018 3:22

Tgt Ion:264 Resp: 233960
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.0 17.5 26.3

