

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
 Data File : BF109575.D
 Acq On : 4 Oct 2018 5:00
 Operator : JU/SJ
 Sample : J5221-15
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100118-SIDI-E-U-M

Quant Time: Oct 04 07:14:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

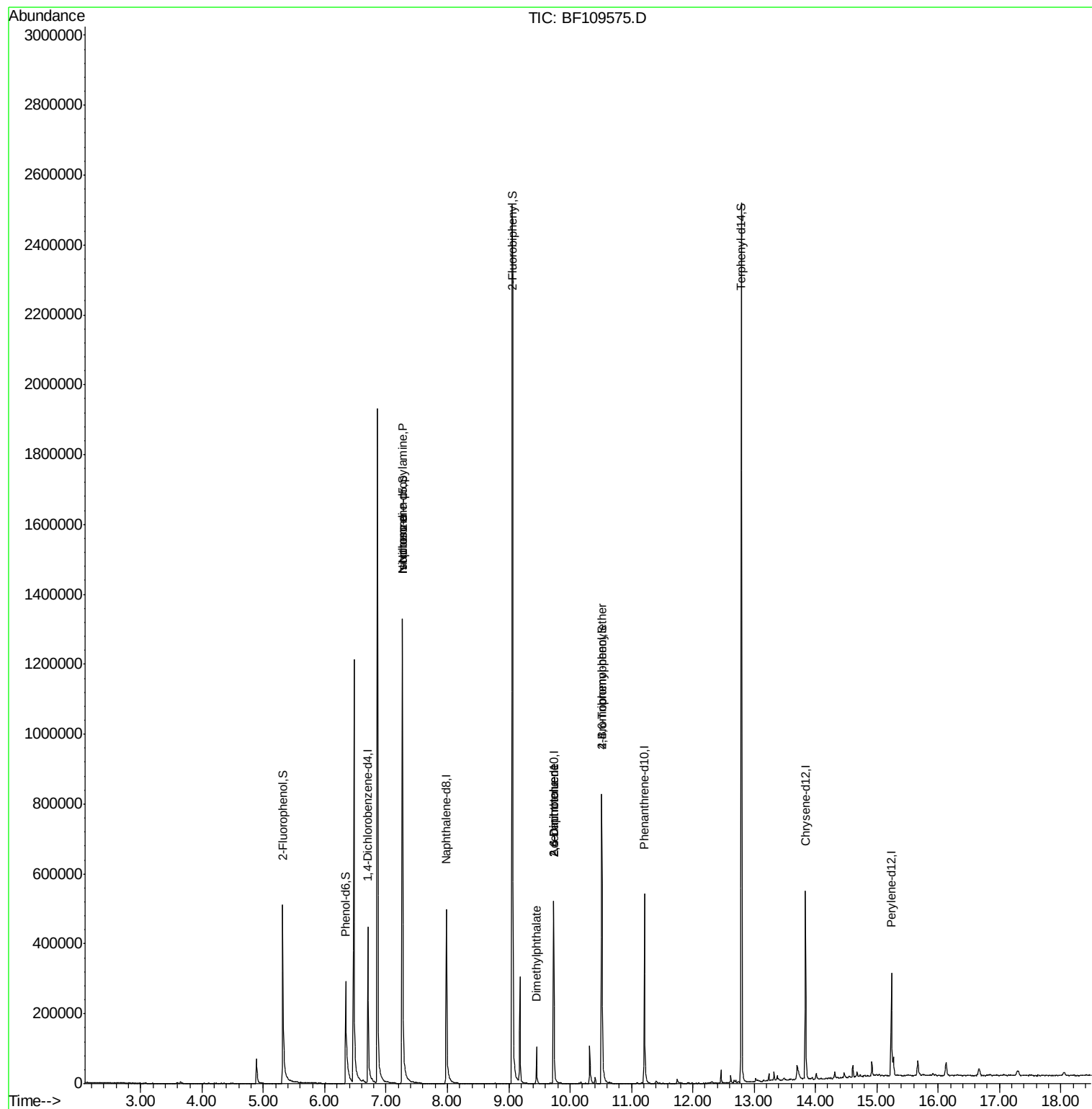
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	88099	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	306930	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	119091	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	224150	20.00	ng	0.00
75) Chrysene-d12	13.84	240	218259	20.00	ng	0.00
86) Perylene-d12	15.24	264	146261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	204490	38.23	ng	0.00
7) Phenol-d6	6.34	99	169405	24.82	ng	-0.02
23) Nitrobenzene-d5	7.27	82	564566	108.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	116965	99.63	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	942878	119.41	ng	-0.02
78) Terphenyl-d14	12.79	244	912568	102.61	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	74422	16.641	ng	# 75
25) Isophorone	7.27	82	550193	58.764	ng	# 64
49) Dimethylphthalate	9.45	163	50202	5.796	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	14890	8.680	ng	# 24
56) 2,4-Dinitrotoluene	9.73	165	14890	6.860	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	6636	2.666	ng	# 1

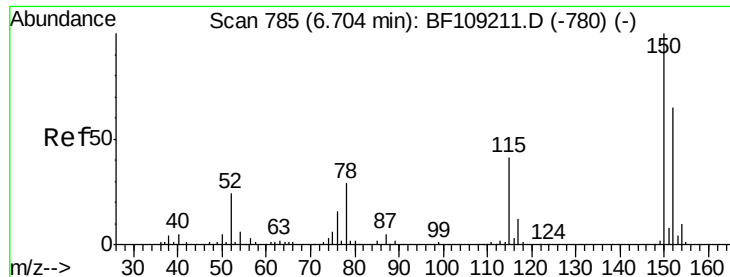
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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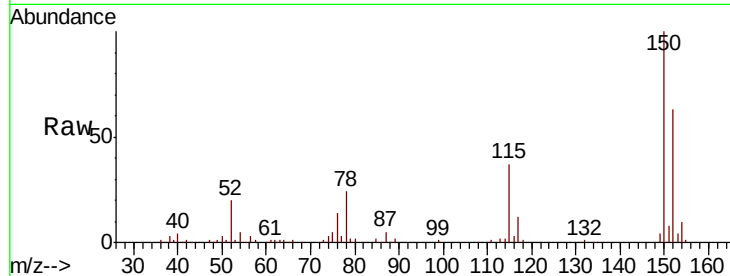


#1

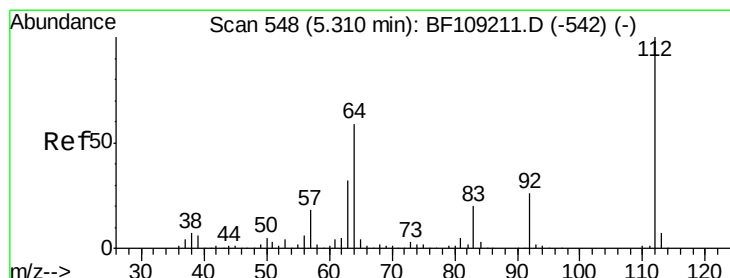
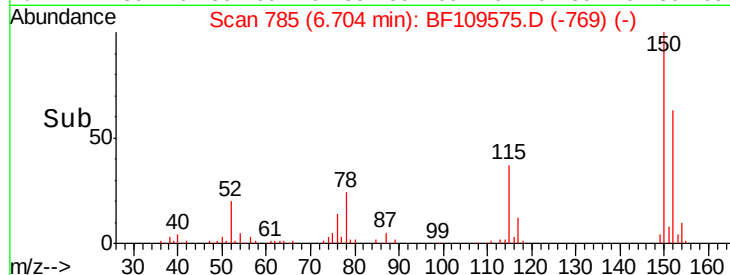
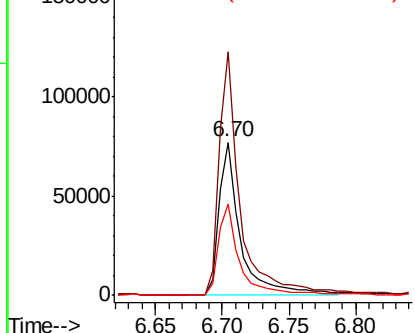
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109575.D
Acq: 4 Oct 2018 5:00

Instrument :
BNA_F
ClientSampleId :
100118-SIDI-E-U-M

Tgt Ion:152 Resp: 88099
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 59.2 50.1 75.1



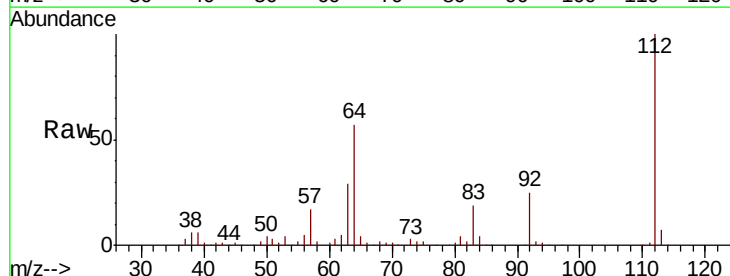
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



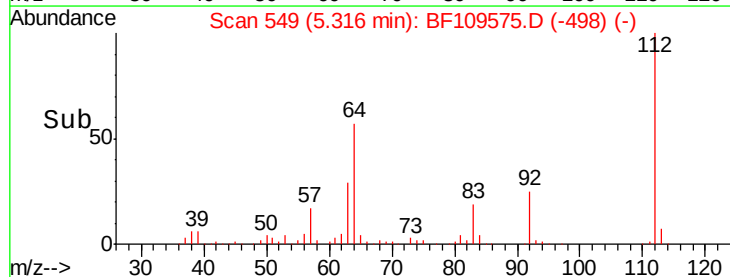
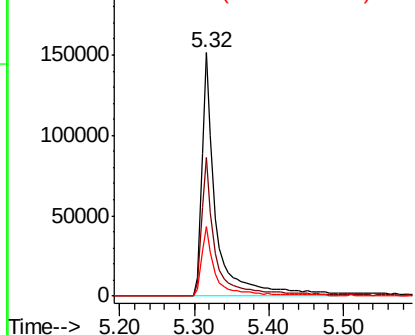
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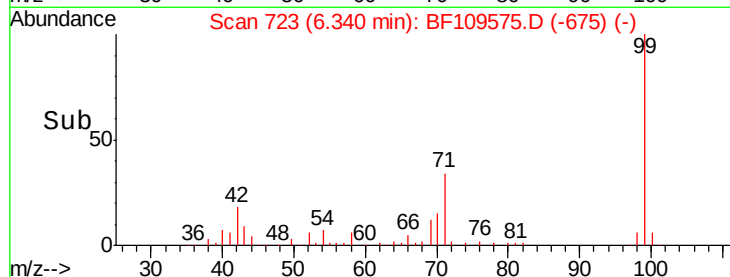
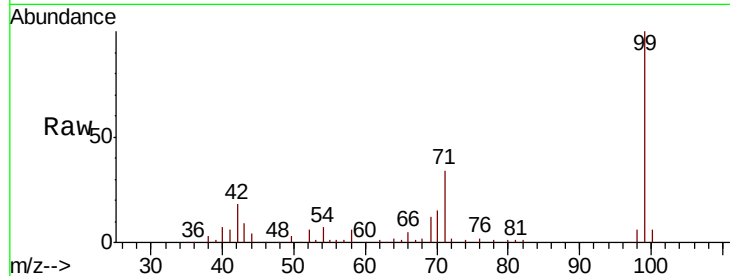
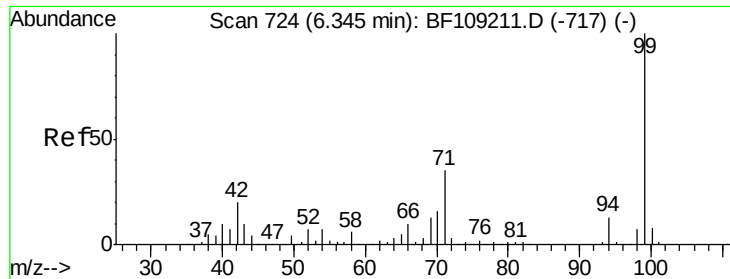
2-Fluorophenol
Concen: 38.231 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109575.D
Acq: 4 Oct 2018 5:00

Tgt Ion:112 Resp: 204490
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 28.5 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

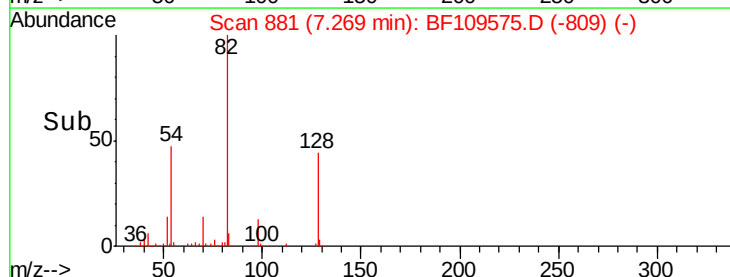
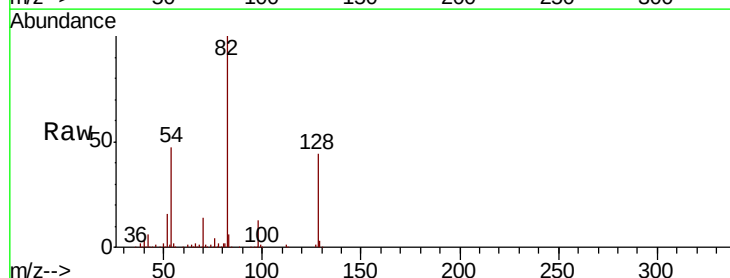
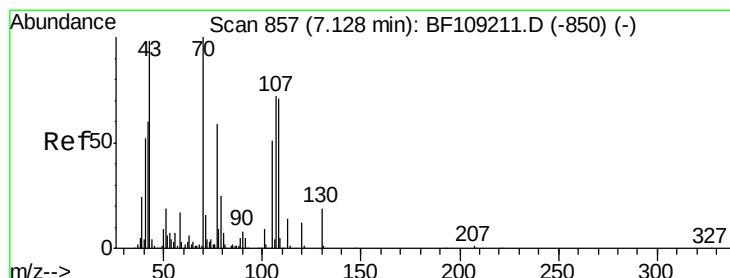
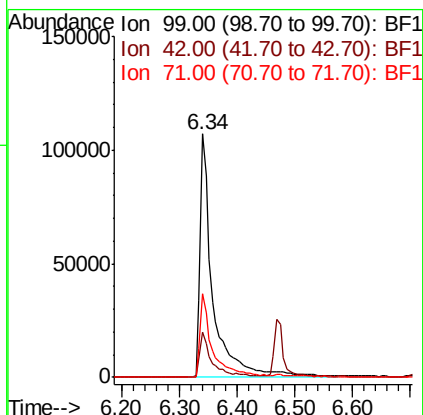




#7
Phenol-d6
Concen: 24.820 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109575.D
Acq: 4 Oct 2018 5:00

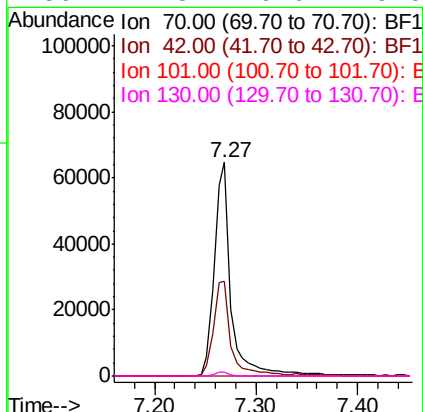
Instrument :
BNA_F
ClientSampleId :
100118-SIDI-E-U-M

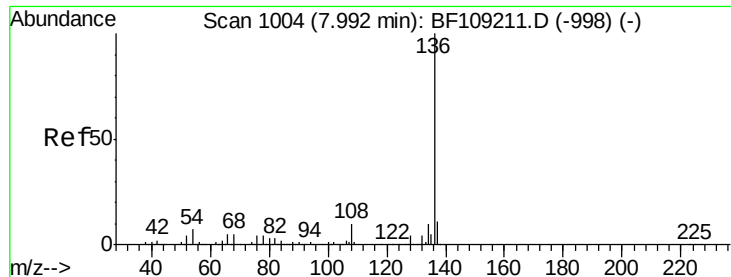
Tgt Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	34.2	25.4	38.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.641 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109575.D
Acq: 4 Oct 2018 5:00

Tgt Ion	Ratio	Lower	Upper
70	100		
42	44.6	47.5	71.3#
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#

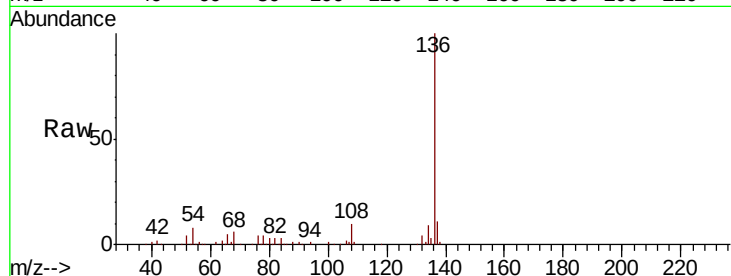




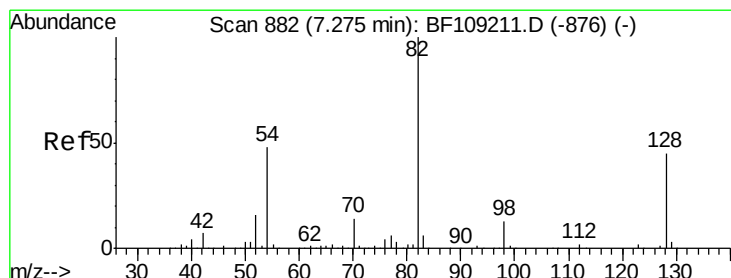
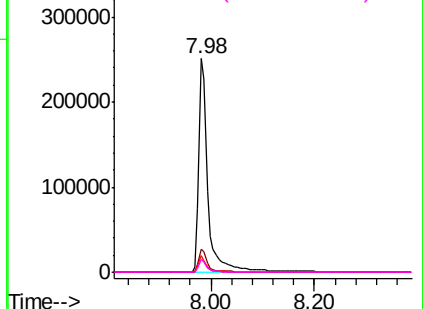
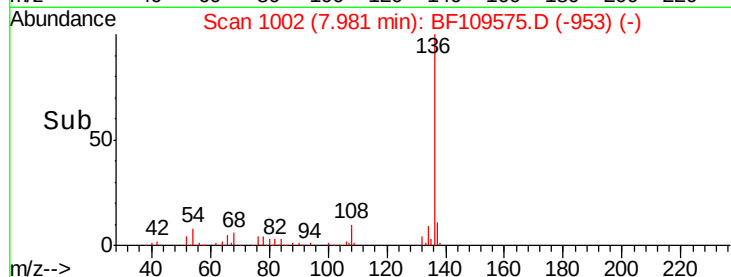
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109575.D
Acq: 4 Oct 2018 5:00

Instrument :
BNA_F
ClientSampleId :
100118-SIDI-E-U-M

Tgt Ion:	136	Resp:	306930
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.5	6.6	9.8
68	5.8	5.0	7.4

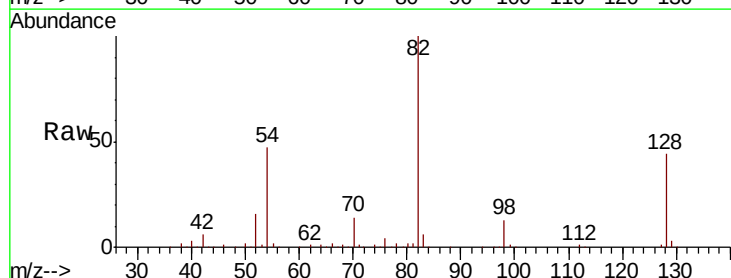


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

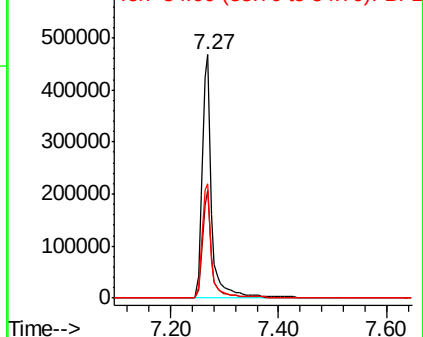
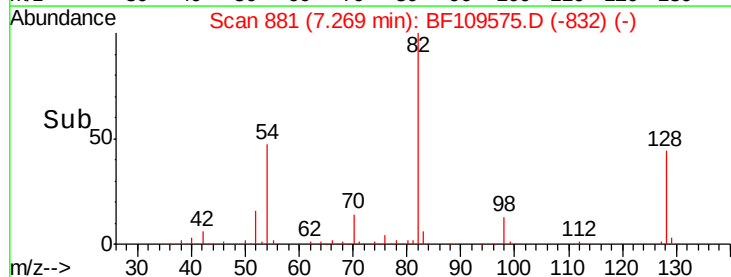


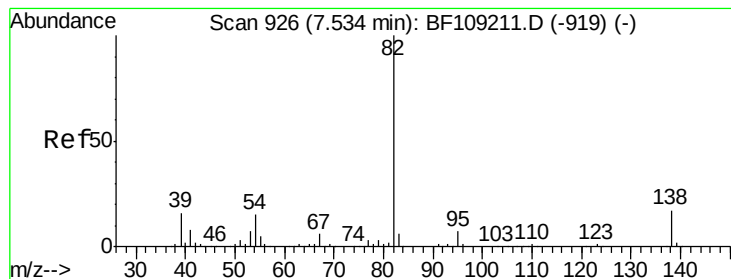
#23
Nitrobenzene-d5
Concen: 108.582 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109575.D
Acq: 4 Oct 2018 5:00

Tgt Ion:	82	Resp:	564566
Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	47.1	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: 58.764 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109575.D

Acq: 4 Oct 2018 5:00

Instrument :

BNA_F

ClientSampleId :

100118-SIDI-E-U-M

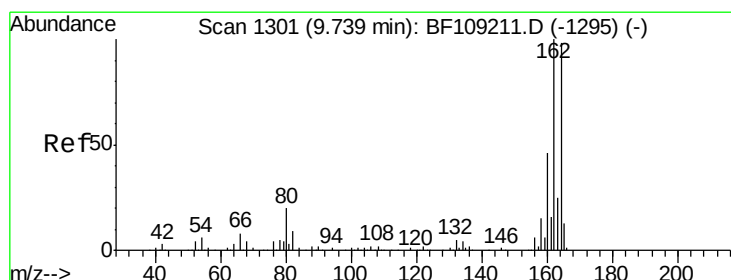
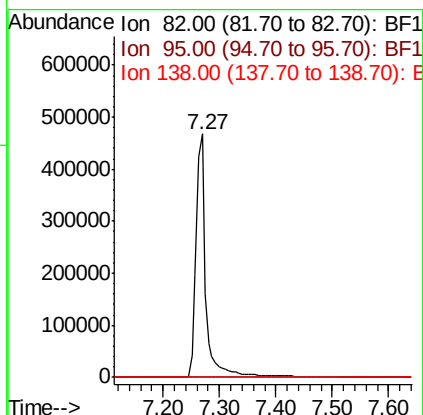
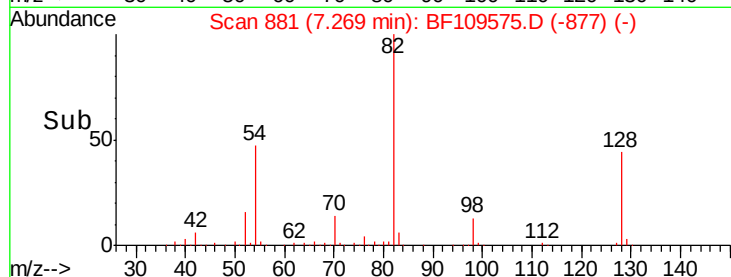
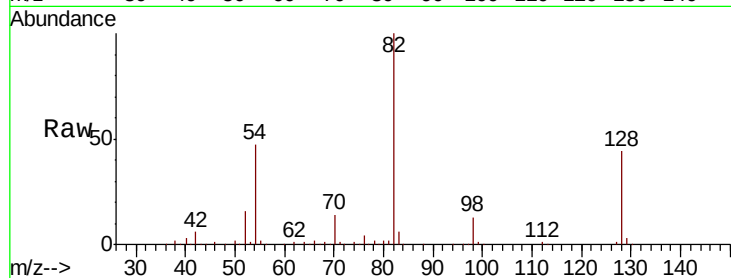
Tgt Ion: 82 Resp: 550193

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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109575.D

Acq: 4 Oct 2018 5:00

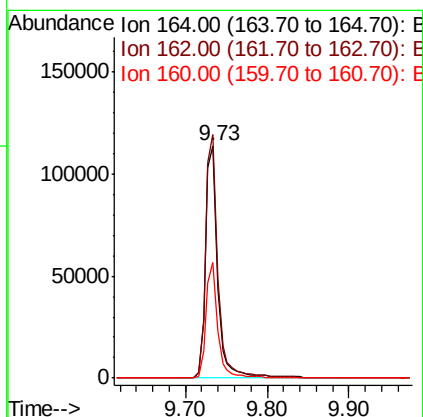
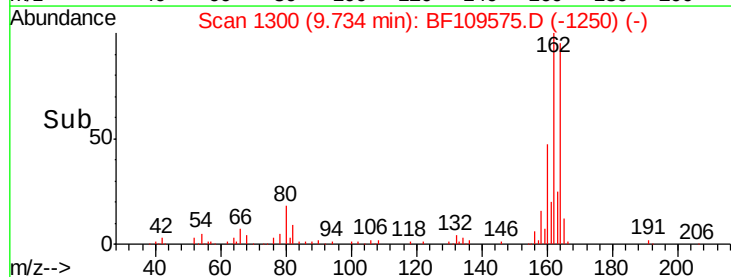
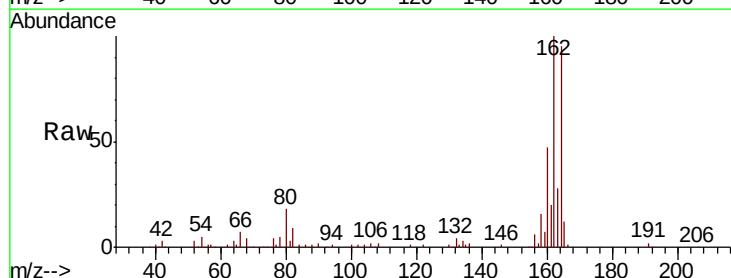
Tgt Ion: 164 Resp: 119091

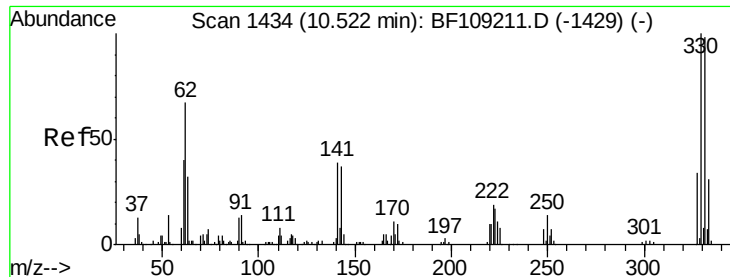
Ion Ratio Lower Upper

164 100

162 104.9 86.1 129.1

160 49.6 38.3 57.5

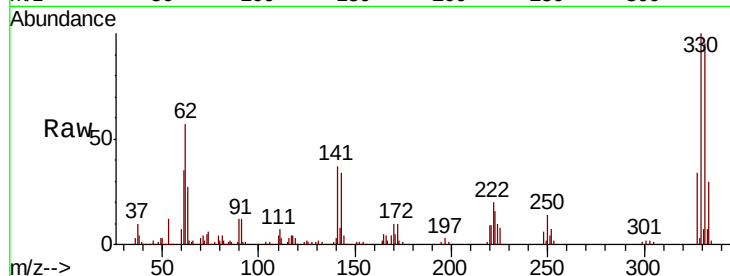




#41
 2,4,6-Tribromophenol
 Concen: 99.630 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109575.D
 Acq: 4 Oct 2018 5:00

Instrument :
 BNA_F
 ClientSampleId :
 100118-SIDI-E-U-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	32.5	29.9	44.9

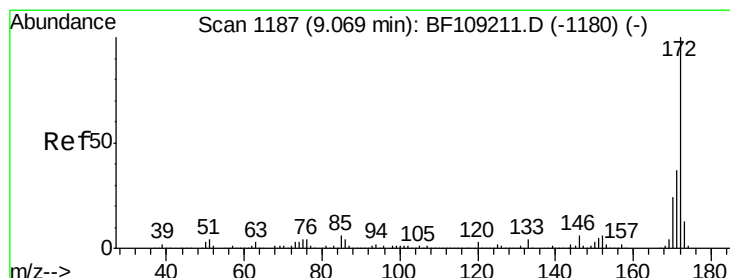
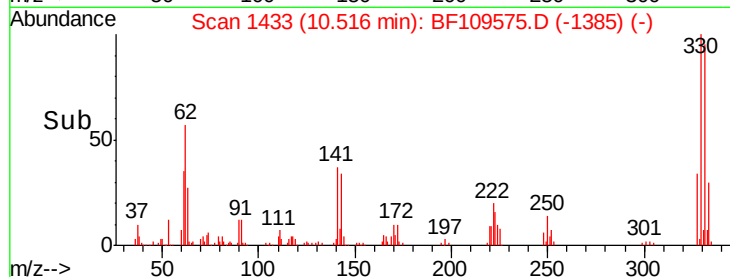
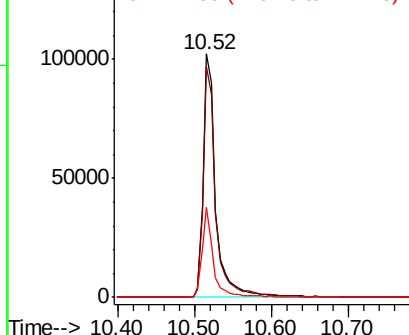


Abundance

Ion 329.80 (329.50 to 330.50): E

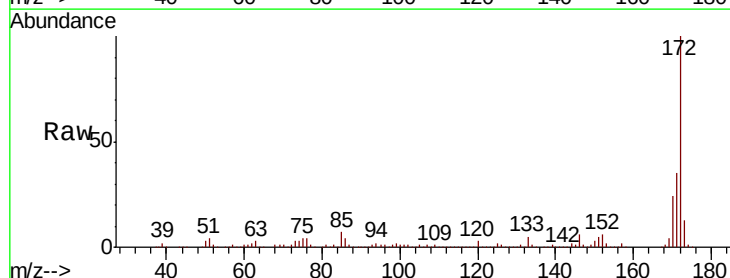
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 119.408 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109575.D
 Acq: 4 Oct 2018 5:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.7	19.6	29.4

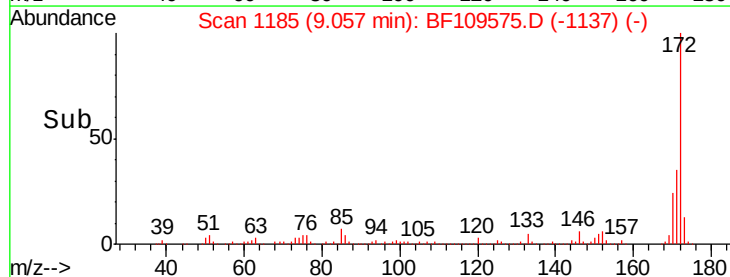
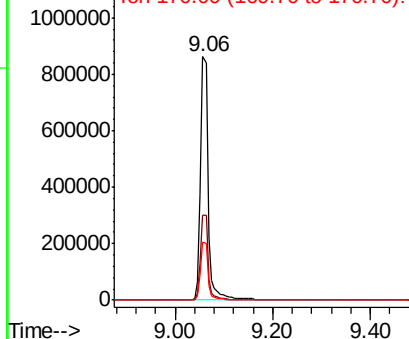


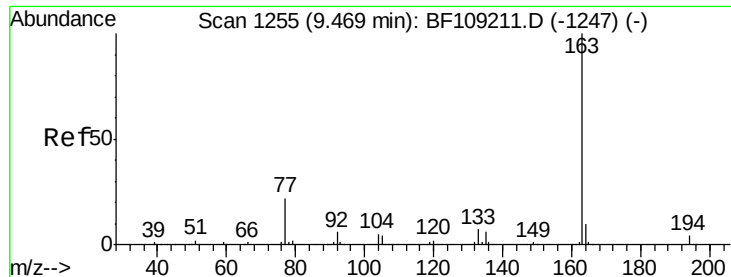
Abundance

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

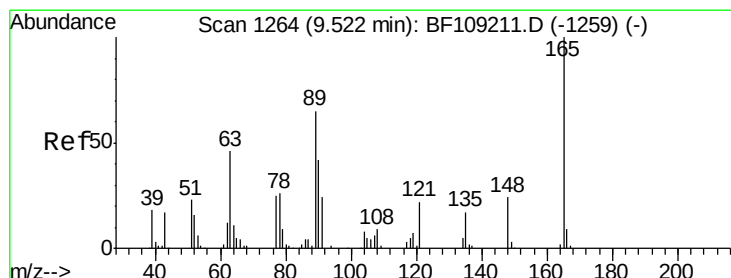
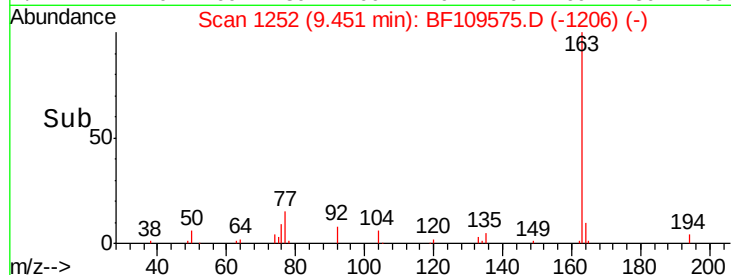
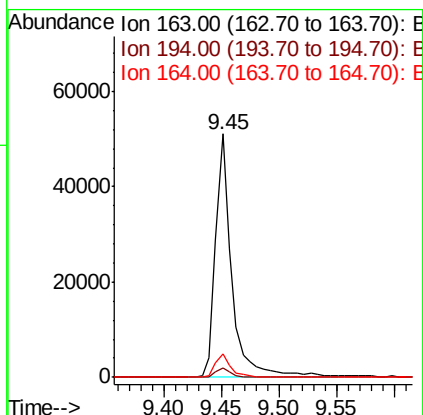
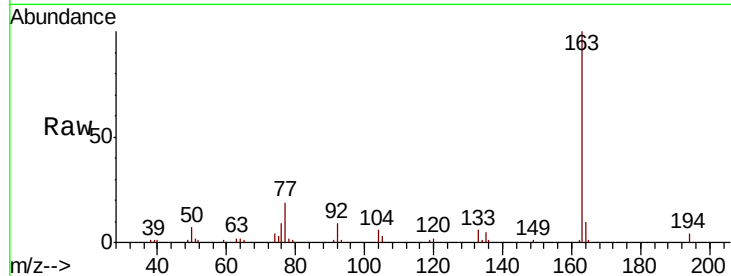




#49
Dimethylphthalate
Concen: 5.796 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109575.D
Acq: 4 Oct 2018 5:00

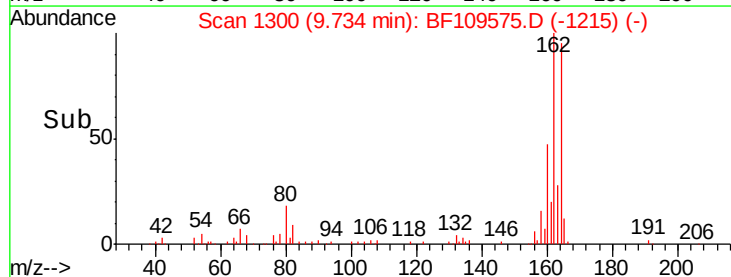
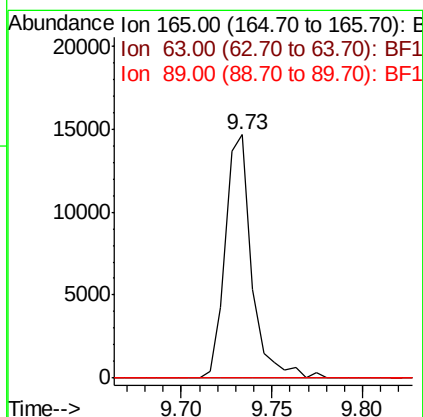
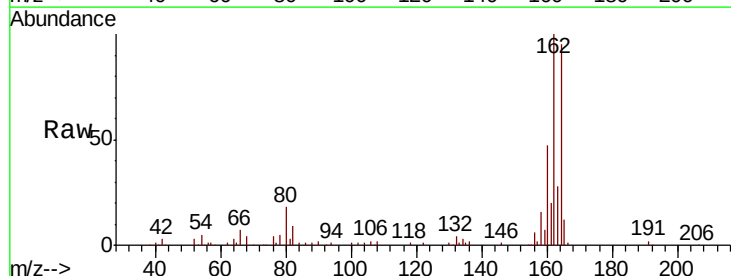
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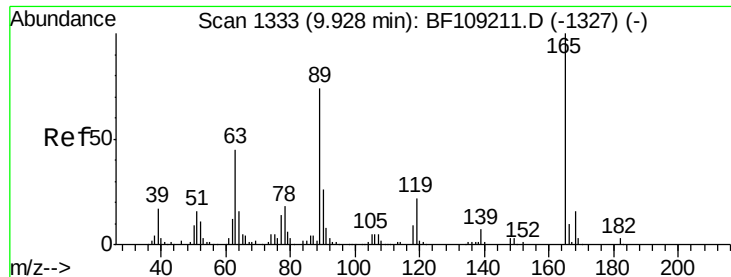
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.7	8.2	12.2



#50
2,6-Dinitrotoluene
Concen: 8.680 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.20 min
Lab File: BF109575.D
Acq: 4 Oct 2018 5:00

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

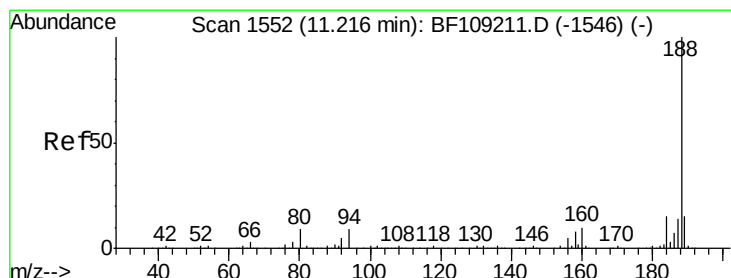
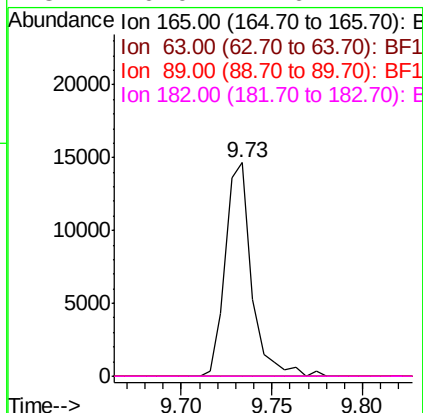
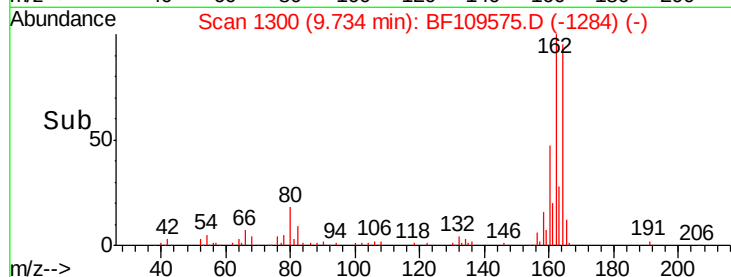
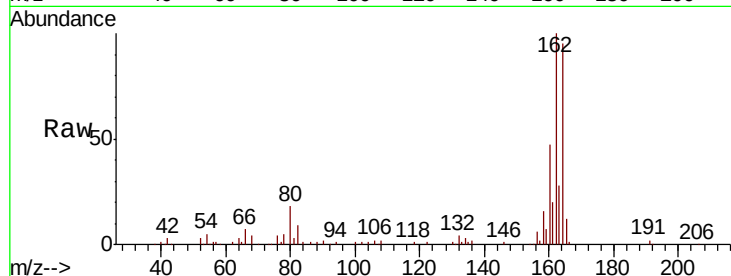




#56
 2,4-Dinitrotoluene
 Concen: 6.860 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109575.D
 Acq: 4 Oct 2018 5:00

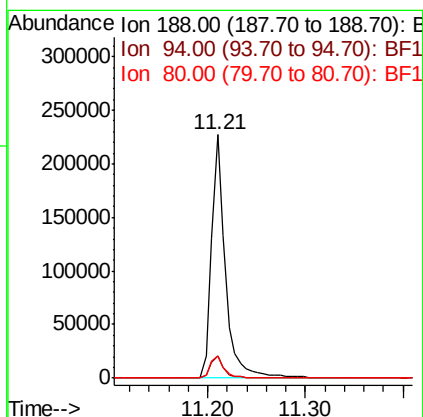
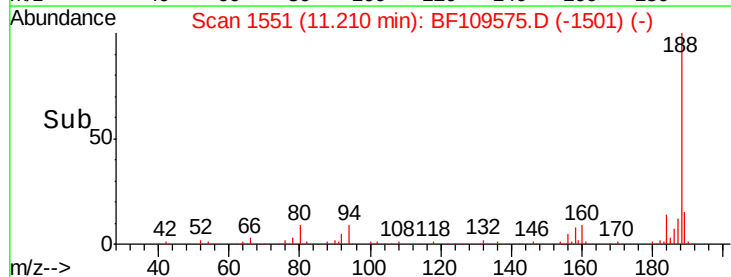
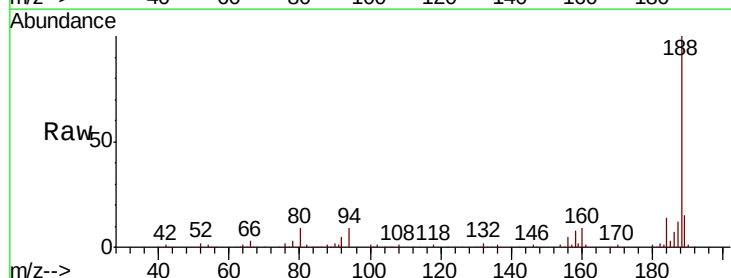
Instrument :
 BNA_F
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 100118-SIDI-E-U-M

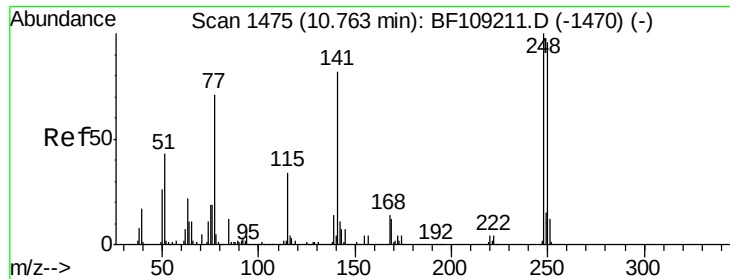
Tgt Ion:	165	Resp:	14890
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109575.D
 Acq: 4 Oct 2018 5:00

Tgt Ion:	188	Resp:	224150
Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.1	9.2	13.8#

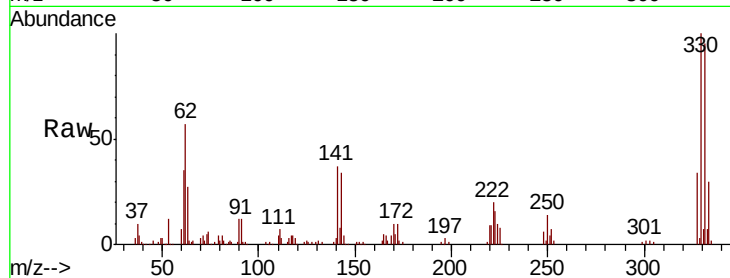




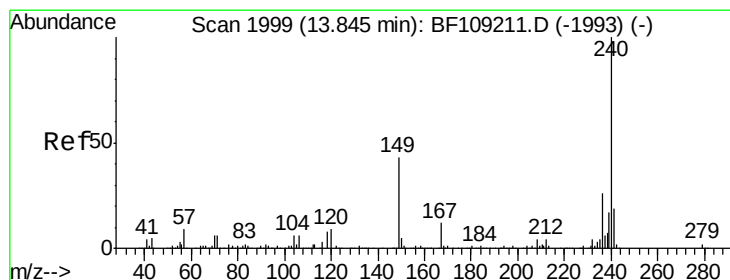
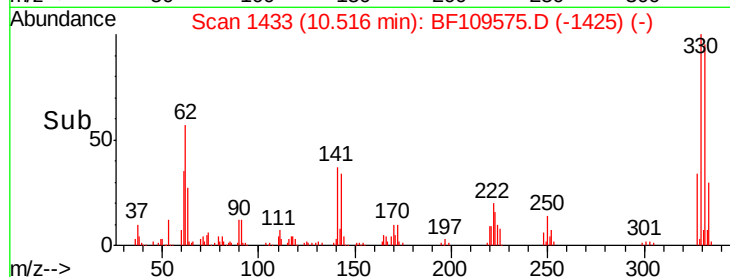
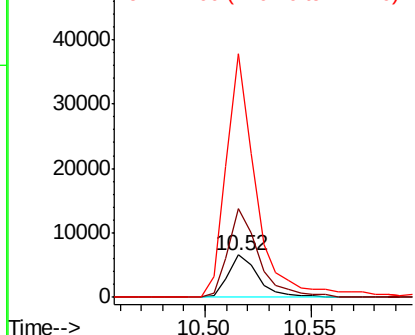
#66
4-Bromophenyl-phenylether
Concen: 2.666 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109575.D
Acq: 4 Oct 2018 5:00

Instrument :
BNA_F
ClientSampleId :
100118-SIDI-E-U-M

Tgt Ion:248 Resp: 6636
Ion Ratio Lower Upper
248 100
250 210.7 76.9 115.3#
141 575.9 74.4 111.6#

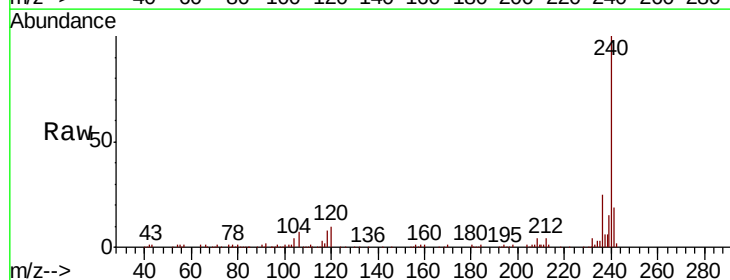


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

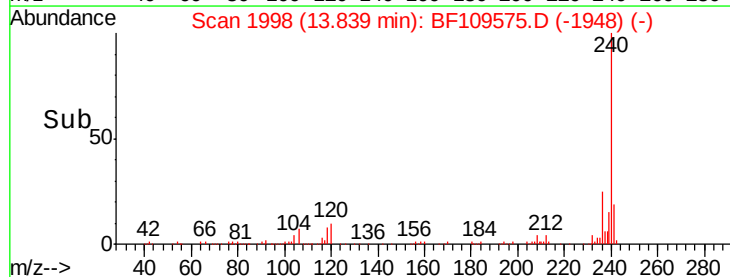
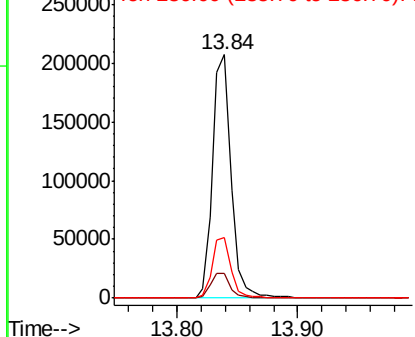


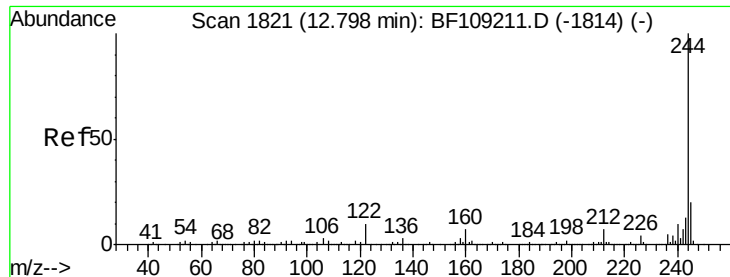
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109575.D
Acq: 4 Oct 2018 5:00

Tgt Ion:240 Resp: 218259
Ion Ratio Lower Upper
240 100
120 10.0 9.5 14.3
236 25.1 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: 102.612 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109575.D

Acq: 4 Oct 2018 5:00

Instrument :

BNA_F

ClientSampleId :

100118-SIDI-E-U-M

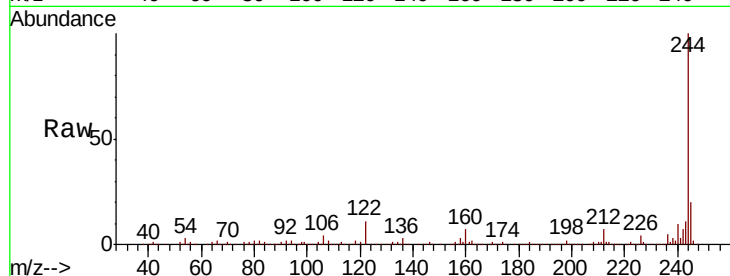
Tgt Ion:244 Resp: 912568

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

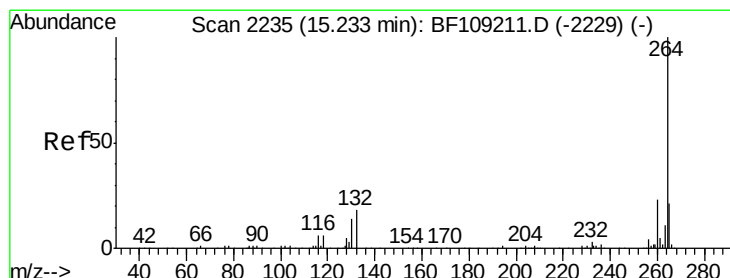
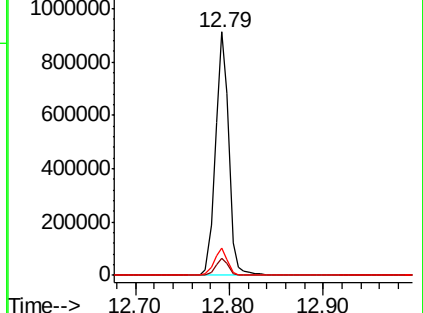
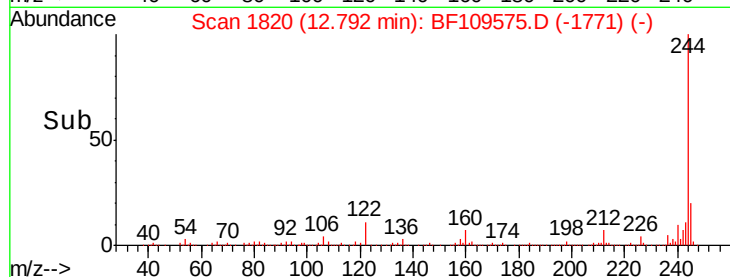
122 11.4 11.0 16.4



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: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF109575.D

Acq: 4 Oct 2018 5:00

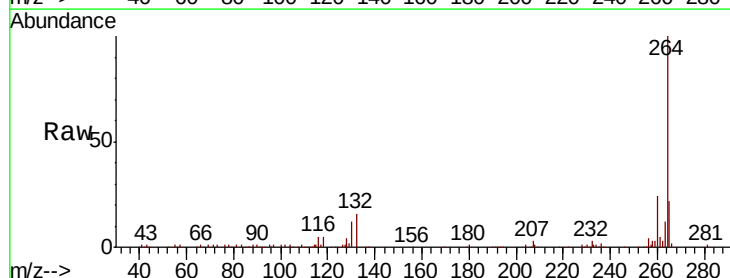
Tgt Ion:264 Resp: 146261

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.6 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

