

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
 Data File : BF109574.D
 Acq On : 4 Oct 2018 4:33
 Operator : JU/SJ
 Sample : J5221-14
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Oct 04 07:14:34 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

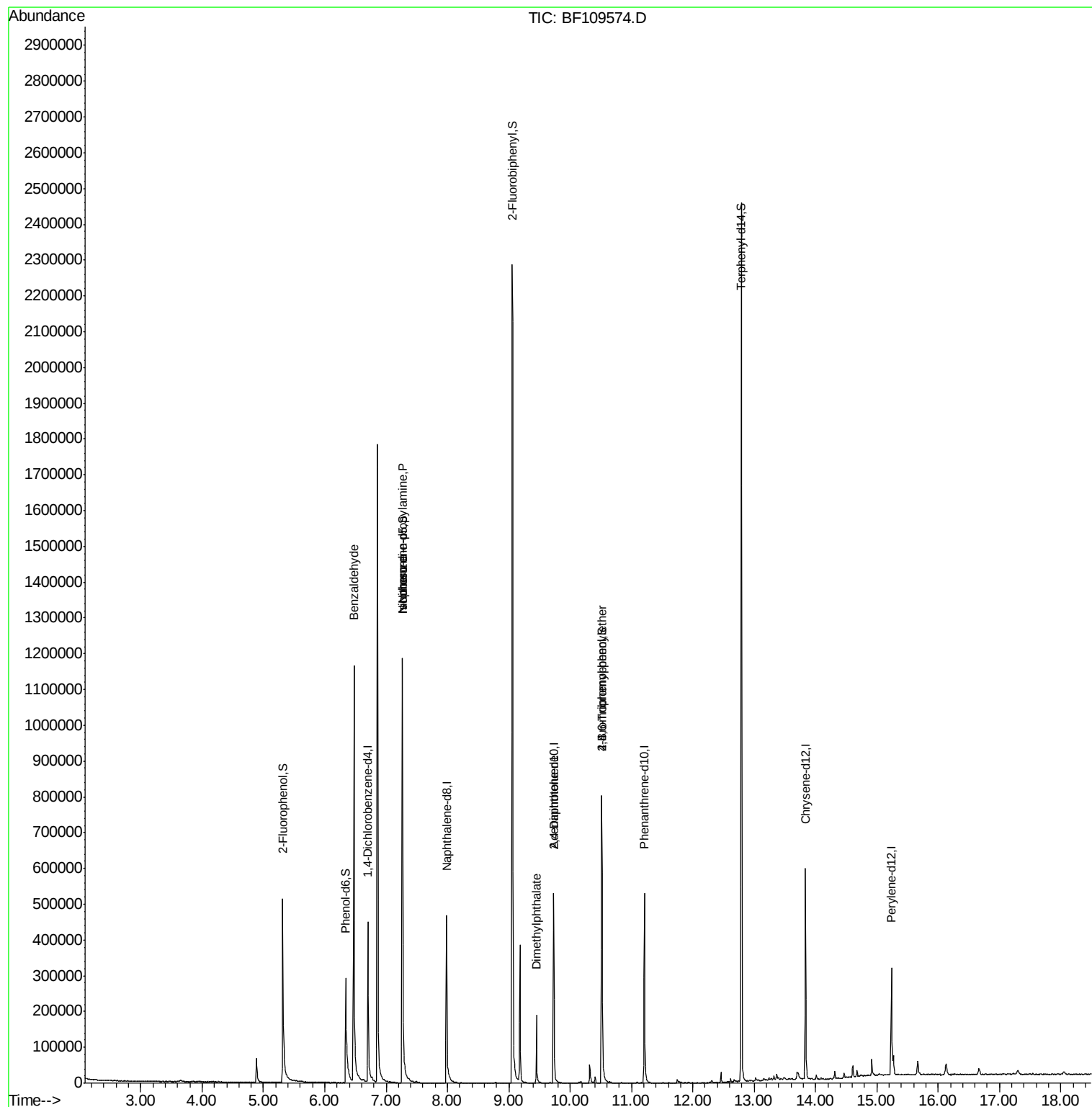
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	84850	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	294841	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	113630	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	216889	20.00	ng	0.00
75) Chrysene-d12	13.84	240	224610	20.00	ng	0.00
86) Perylene-d12	15.24	264	155452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	202824	39.37	ng	0.00
7) Phenol-d6	6.34	99	158287	24.08	ng	-0.02
23) Nitrobenzene-d5	7.27	82	523775	104.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	113552	101.37	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	860537	114.22	ng	-0.02
78) Terphenyl-d14	12.79	244	885730	96.78	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	8832	2.091	ng	# 73
19) n-Nitroso-di-n-propylamine	7.26	70	69182	16.061	ng	# 77
25) Isophorone	7.27	82	502322	55.851	ng	# 64
49) Dimethylphthalate	9.45	163	82671	10.003	ng	# 98
56) 2,4-Dinitrotoluene	9.73	165	13767	6.647	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	6674	2.771	ng	# 1

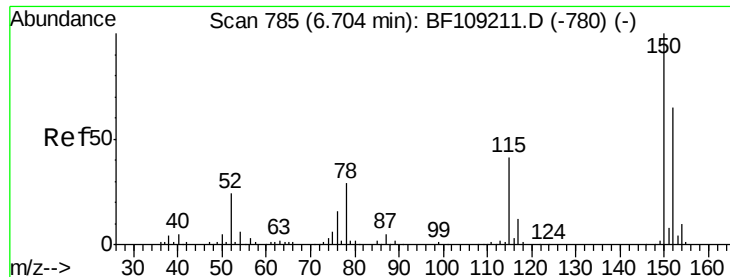
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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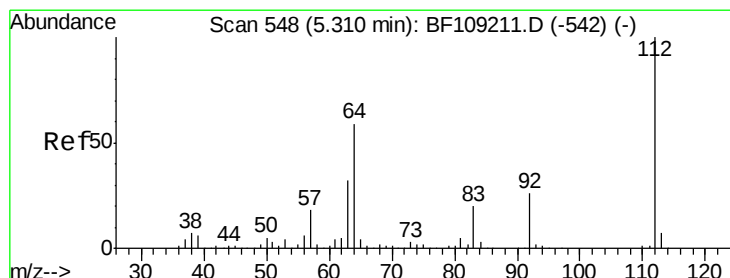
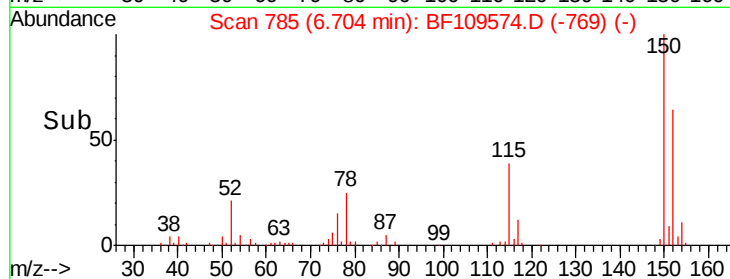
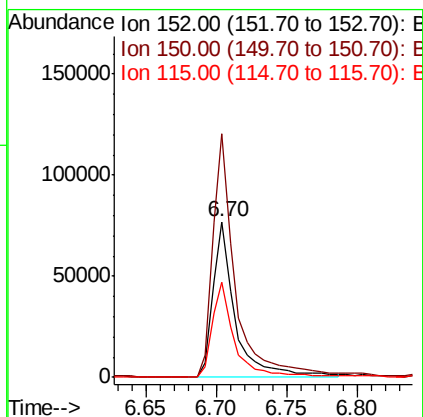
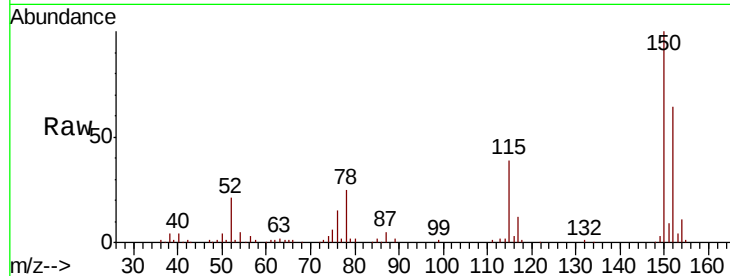




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109574.D
 Acq: 4 Oct 2018 4:33

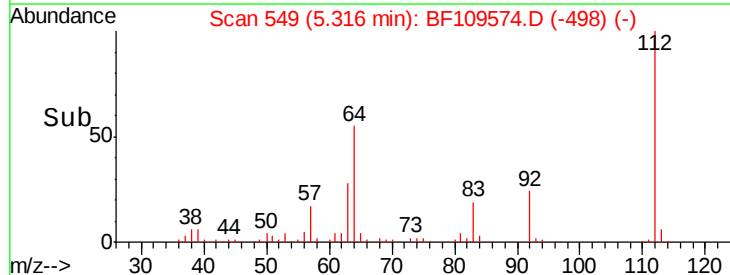
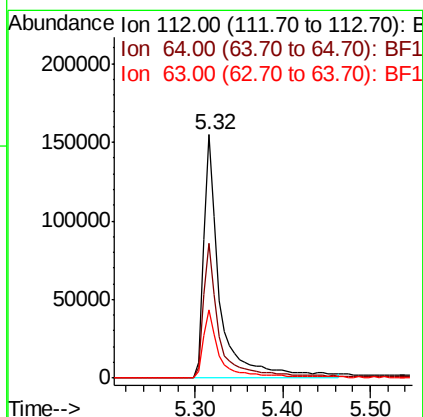
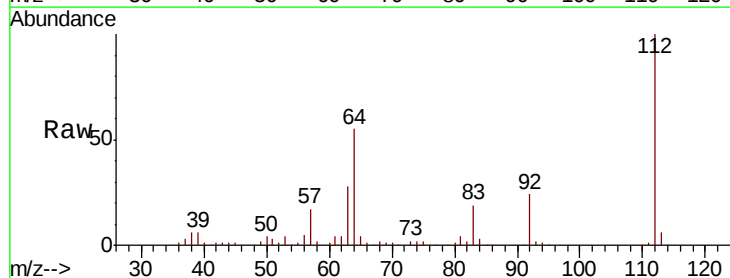
Instrument :
 BNA_F
 ClientSampleId :
 100118-SIDI-E-U-B

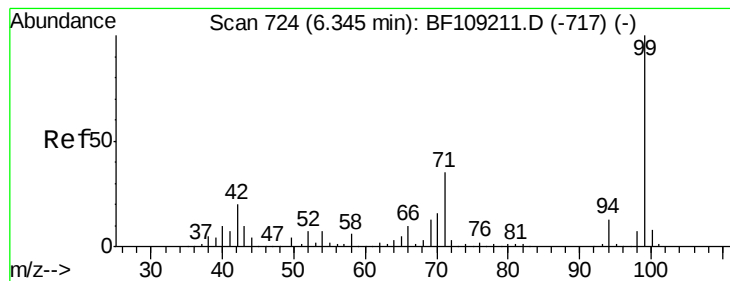
Tgt Ion:152 Resp: 84850
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.6 186.8
 115 61.0 50.1 75.1



#5
 2-Fluorophenol
 Concen: 39.371 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109574.D
 Acq: 4 Oct 2018 4:33

Tgt Ion:112 Resp: 202824
 Ion Ratio Lower Upper
 112 100
 64 55.3 47.9 71.9
 63 28.2 23.7 35.5





#7

Phenol-d6

Concen: 24.079 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109574.D

Acq: 4 Oct 2018 4:33

Instrument :

BNA_F

ClientSampleId :

100118-SIDI-E-U-B

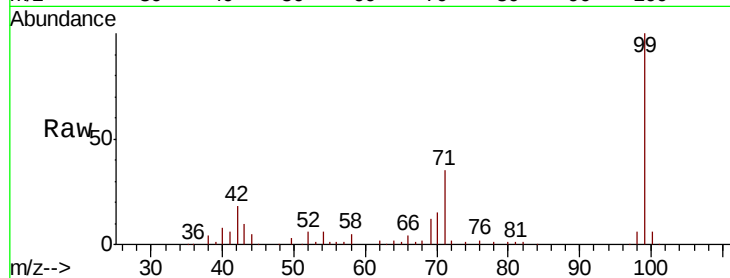
Tgt Ion: 99 Resp: 158287

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

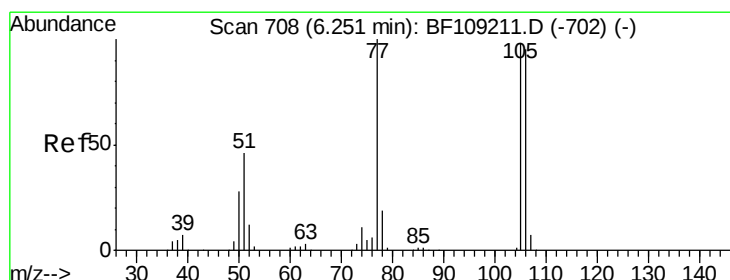
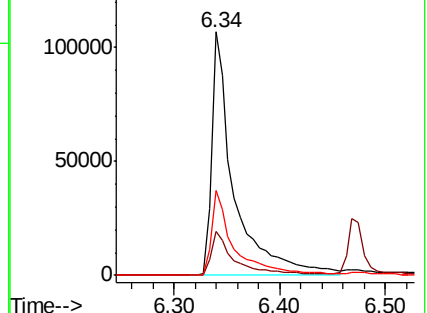
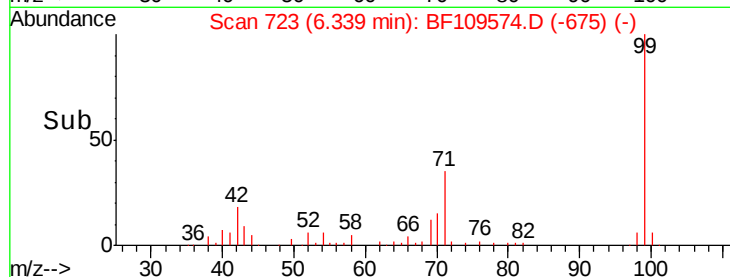
71 34.7 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.091 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109574.D

Acq: 4 Oct 2018 4:33

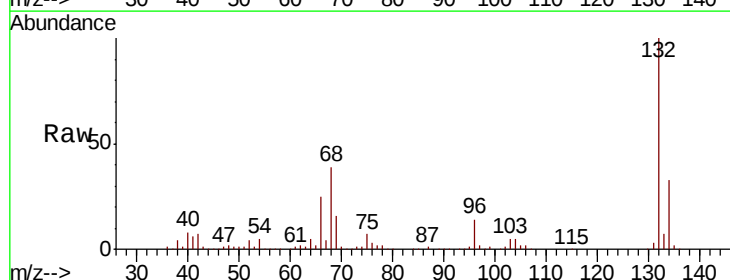
Tgt Ion: 77 Resp: 8832

Ion Ratio Lower Upper

77 100

105 76.3 81.1 121.1#

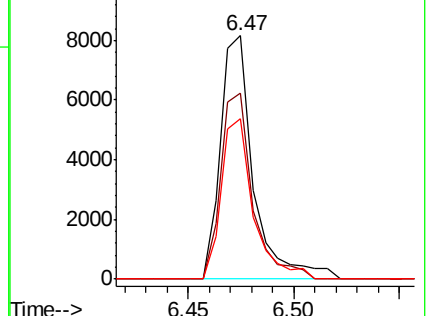
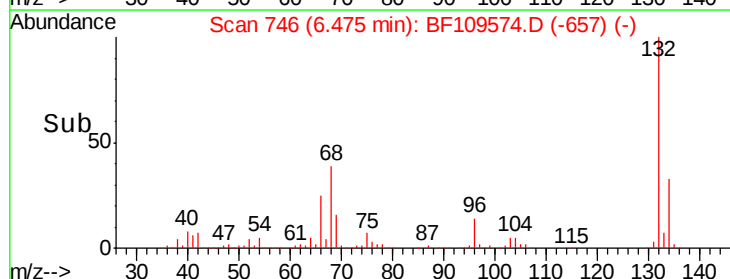
106 65.8 74.5 114.5#

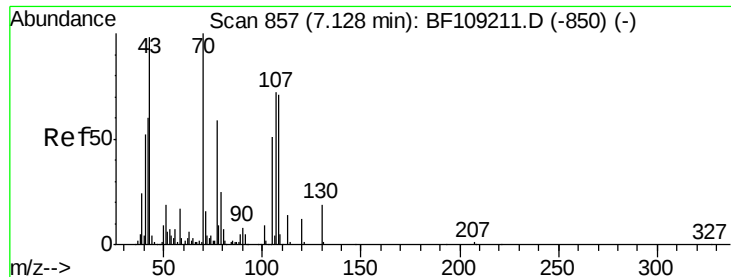


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

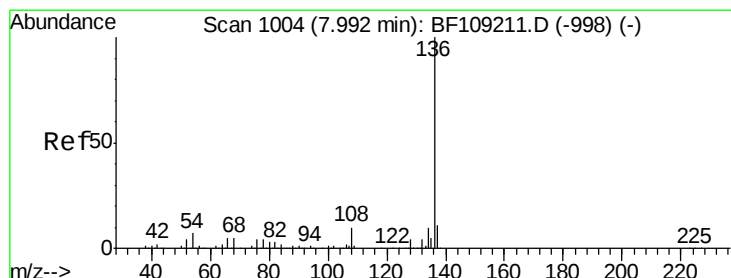
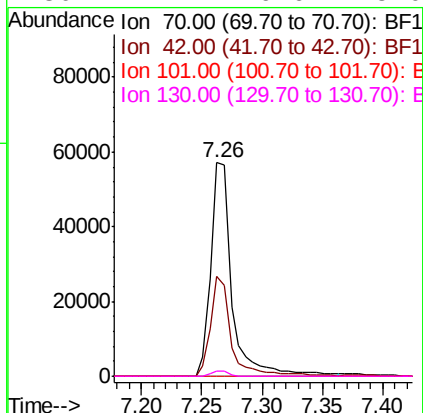
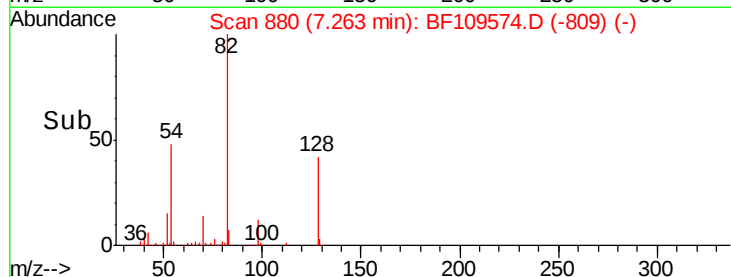
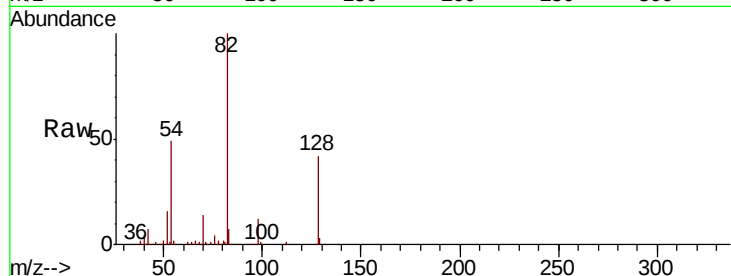




#19
n-Nitroso-di-n-propylamine
Concen: 16.061 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109574.D
Acq: 4 Oct 2018 4:33

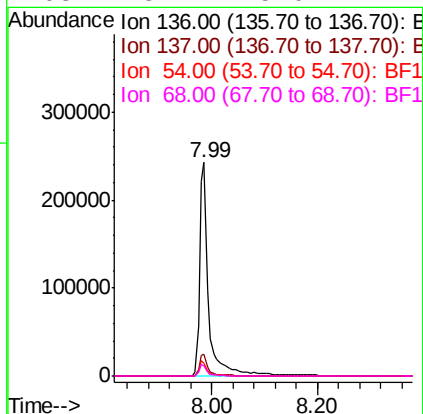
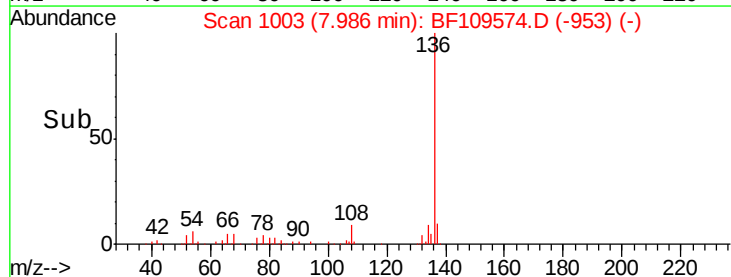
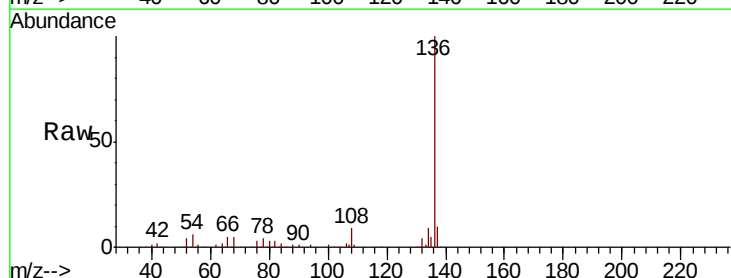
Instrument :
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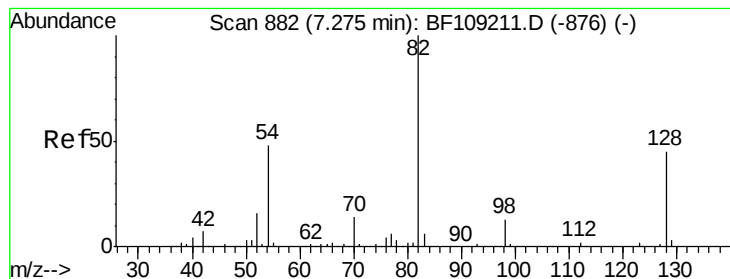
Tgt Ion: 70 Resp: 69182
Ion Ratio Lower Upper
70 100
42 46.5 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109574.D
Acq: 4 Oct 2018 4:33

Tgt Ion: 136 Resp: 294841
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 6.3 6.6 9.8#
68 5.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 104.867 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109574.D

Acq: 4 Oct 2018 4:33

Instrument :

BNA_F

ClientSampleId :

100118-SIDI-E-U-B

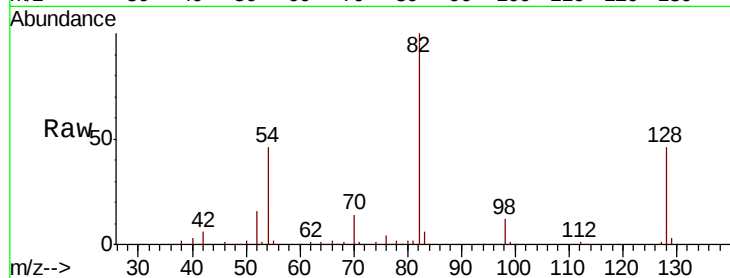
Tgt Ion: 82 Resp: 523775

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

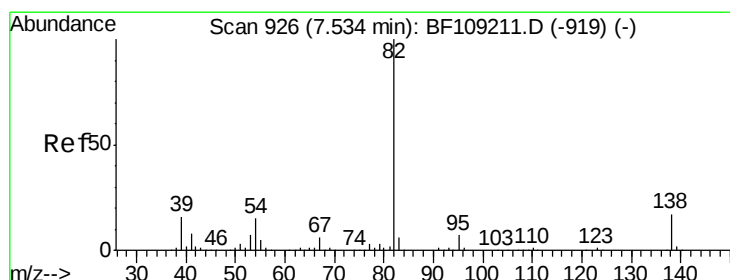
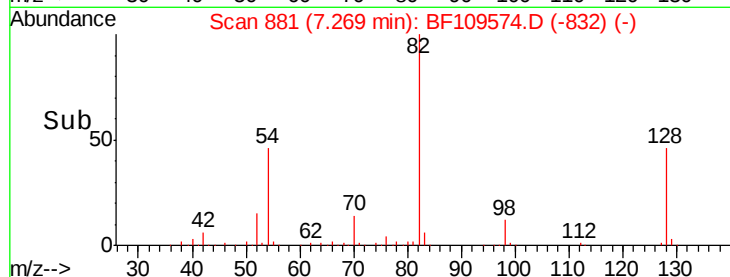
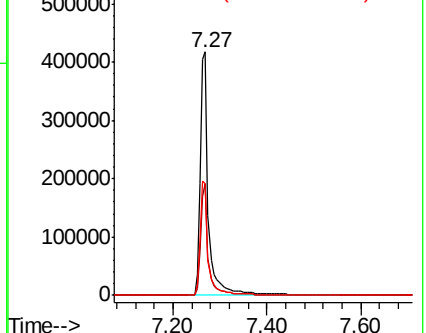
54 46.1 41.4 62.2



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: 55.851 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109574.D

Acq: 4 Oct 2018 4:33

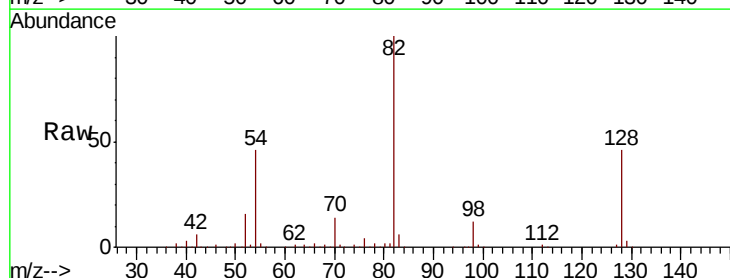
Tgt Ion: 82 Resp: 502322

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

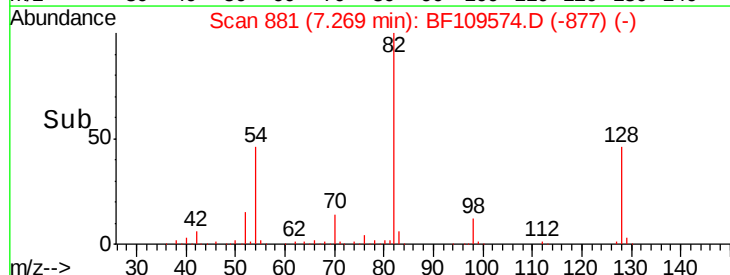
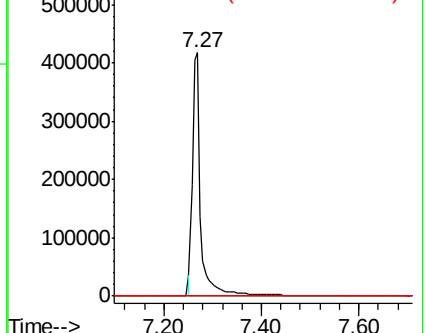
138 0.0 14.9 22.3#

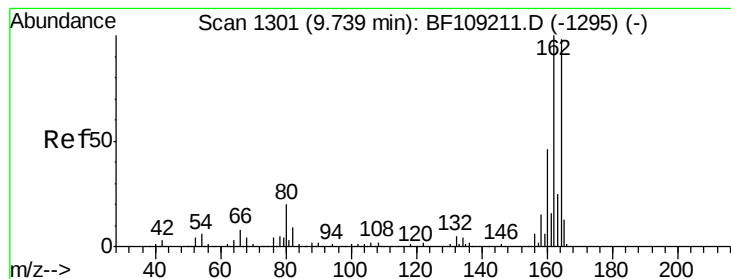


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109574.D

Acq: 4 Oct 2018 4:33

Instrument :

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ClientSampleId :

100118-SIDI-E-U-B

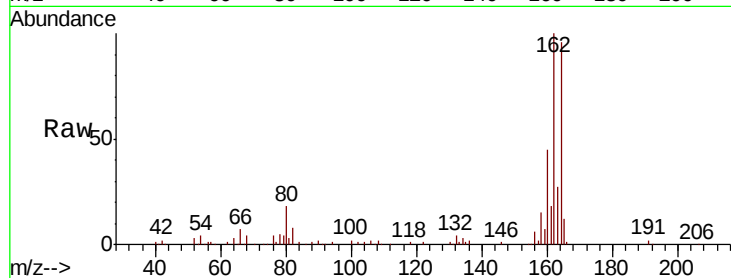
Tgt Ion:164 Resp: 113630

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

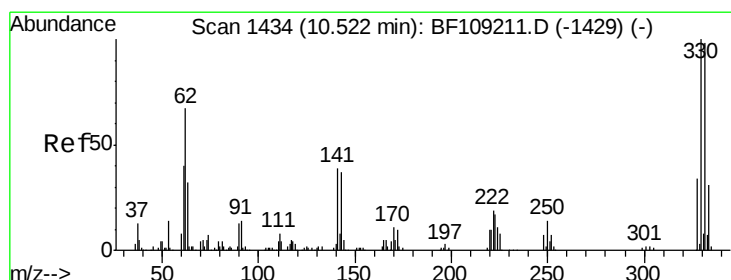
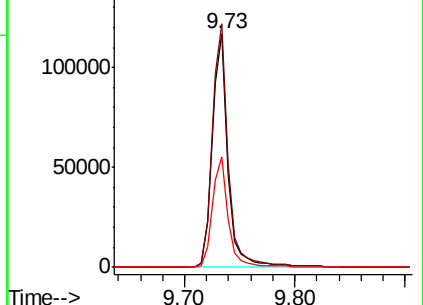
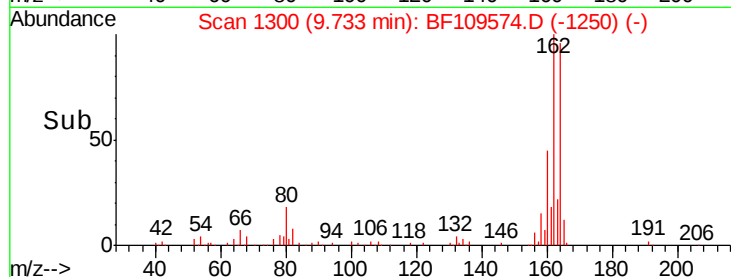
160 47.0 38.3 57.5



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: 101.372 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF109574.D

Acq: 4 Oct 2018 4:33

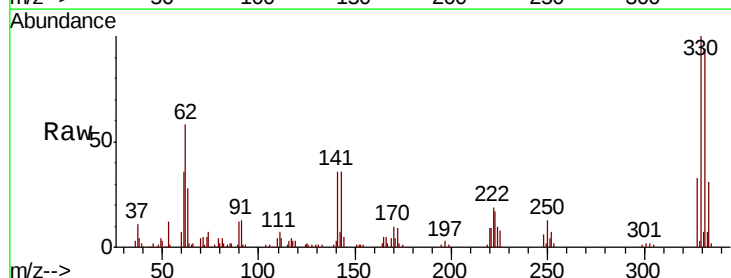
Tgt Ion:330 Resp: 113552

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

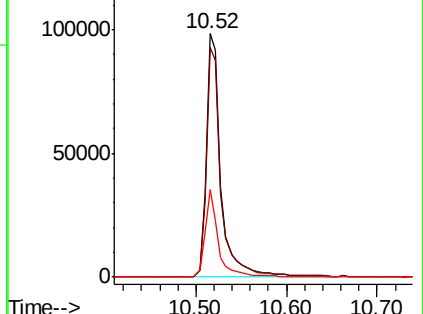
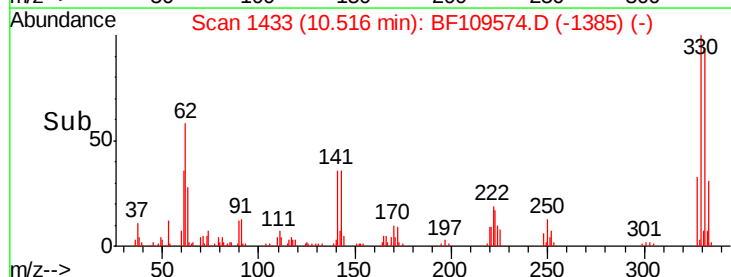
141 32.0 29.9 44.9

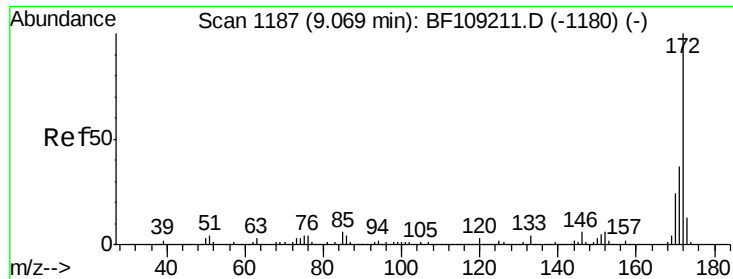


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

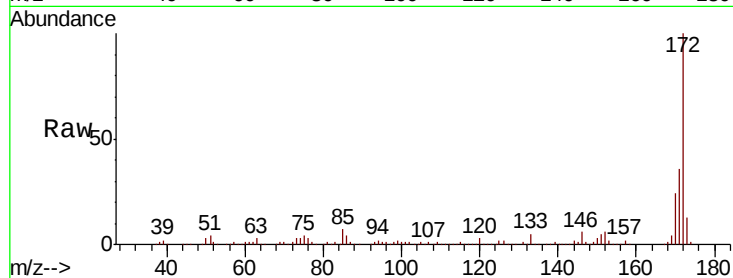




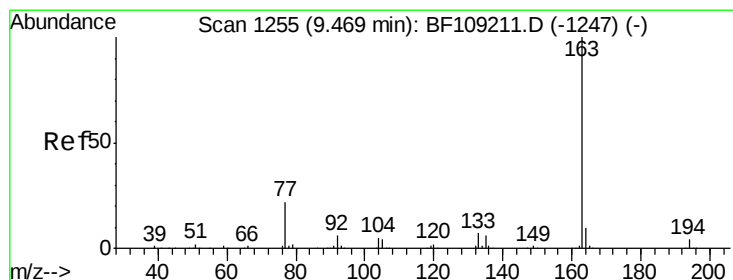
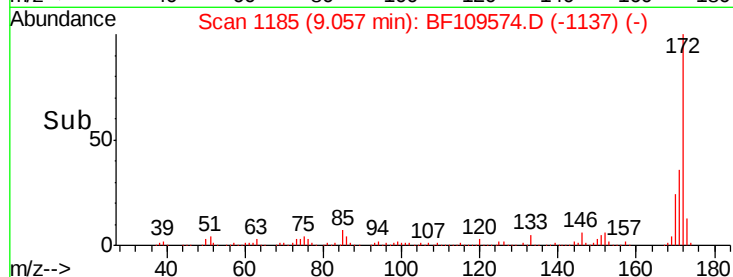
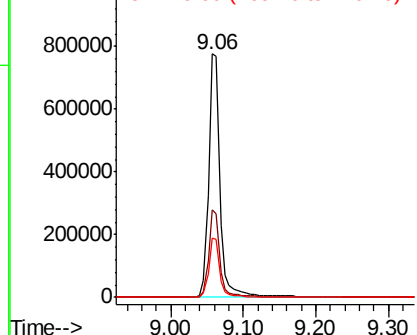
#44
2-Fluorobiphenyl
Concen: 114.218 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF109574.D
Acq: 4 Oct 2018 4:33

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Tgt Ion:172 Resp: 860537
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 24.2 19.6 29.4

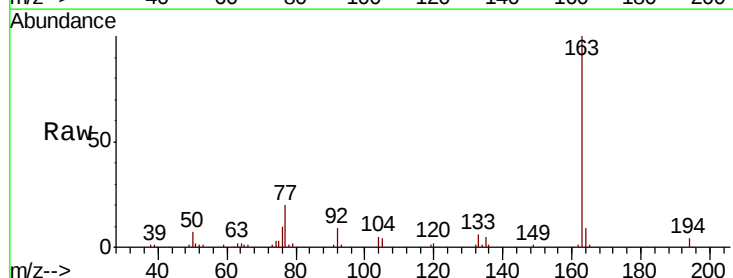


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

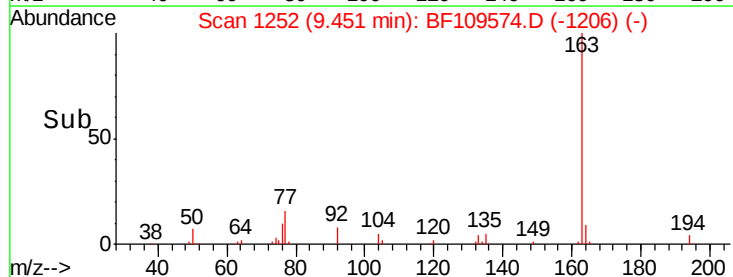
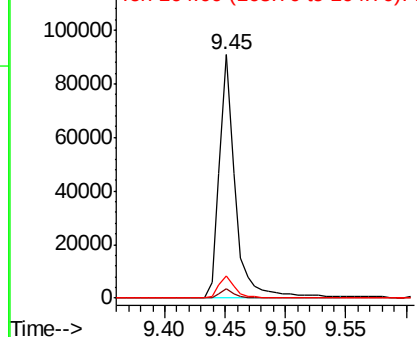


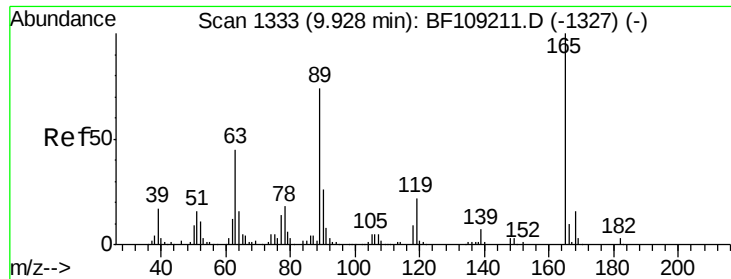
#49
Dimethylphthalate
Concen: 10.003 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109574.D
Acq: 4 Oct 2018 4:33

Tgt Ion:163 Resp: 82671
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.2 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

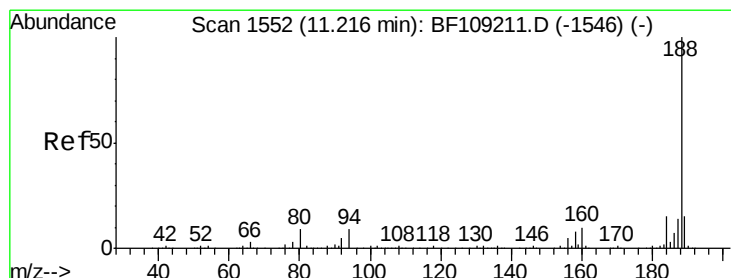
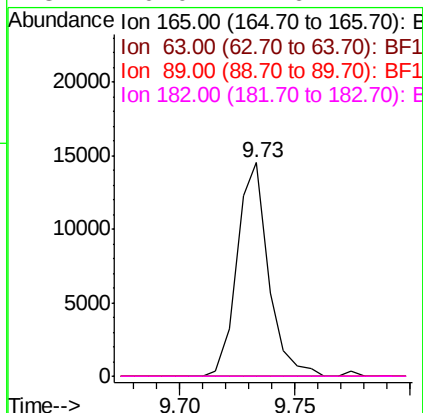
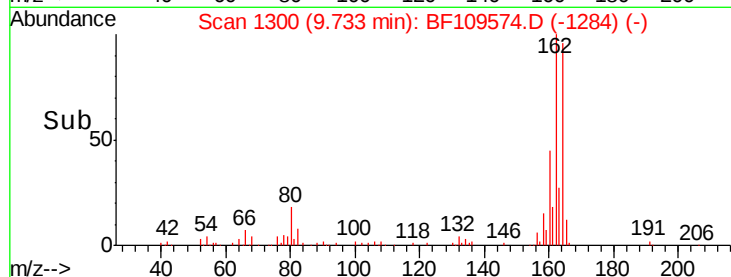
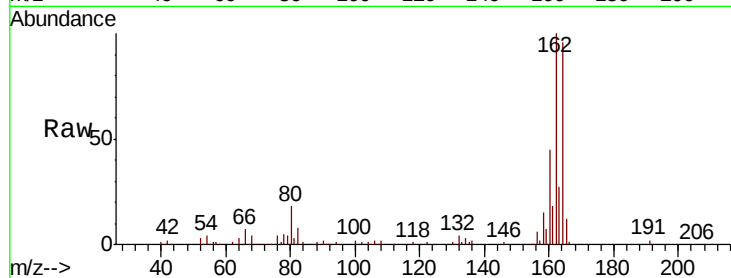




#56
2,4-Dinitrotoluene
Concen: 6.647 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109574.D
Acq: 4 Oct 2018 4:33

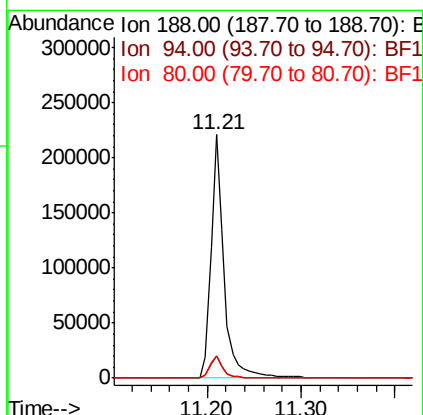
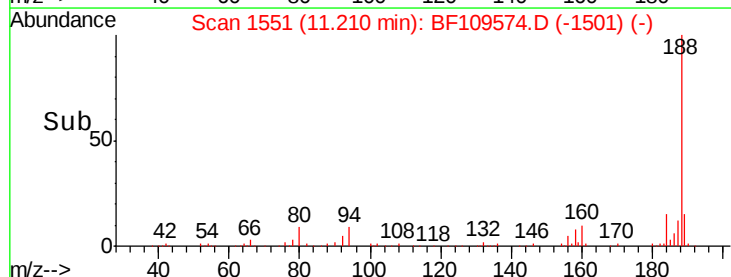
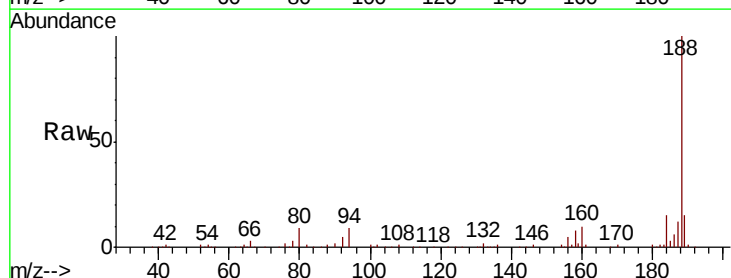
Instrument :
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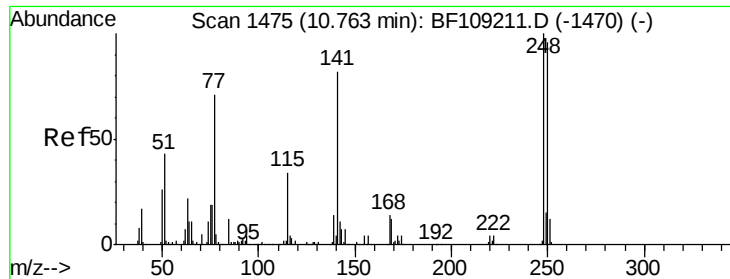
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109574.D
Acq: 4 Oct 2018 4:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.2	9.2	13.8

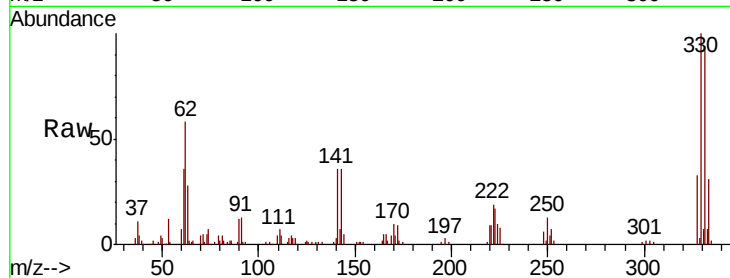




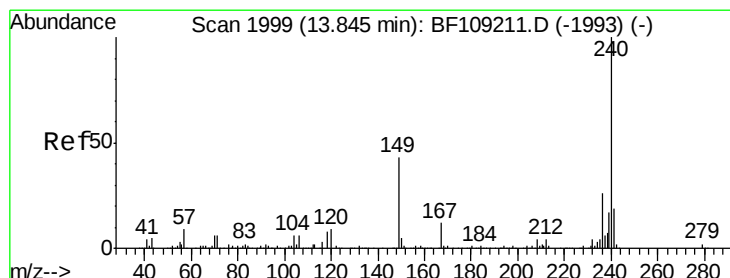
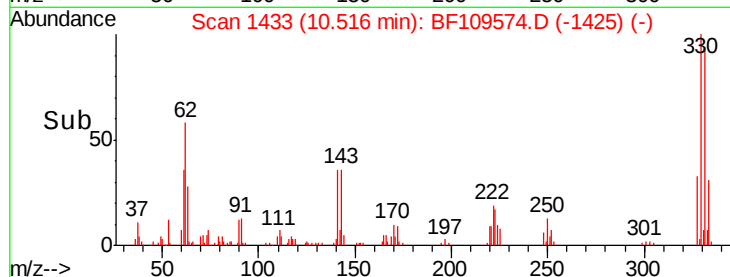
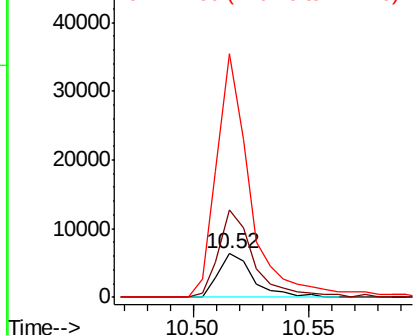
#66
4-Bromophenyl-phenylether
Concen: 2.771 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109574.D
Acq: 4 Oct 2018 4:33

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

Tgt Ion:248 Resp: 6674
Ion Ratio Lower Upper
248 100
250 199.3 76.9 115.3#
141 557.4 74.4 111.6#

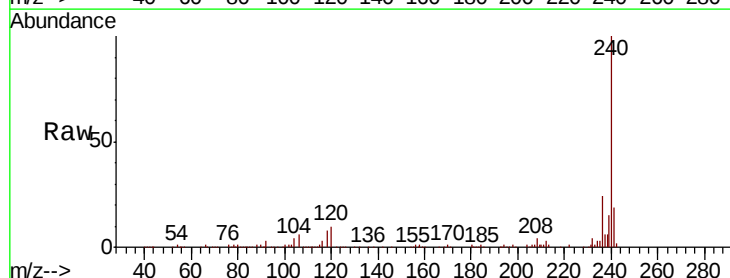


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

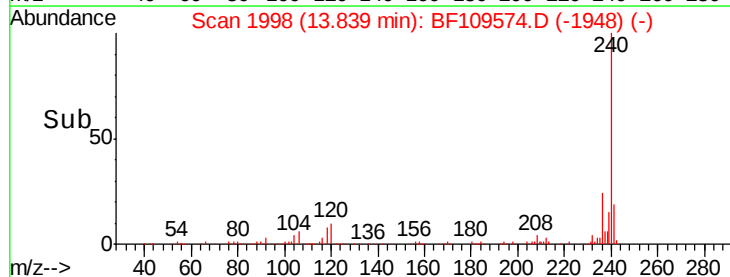
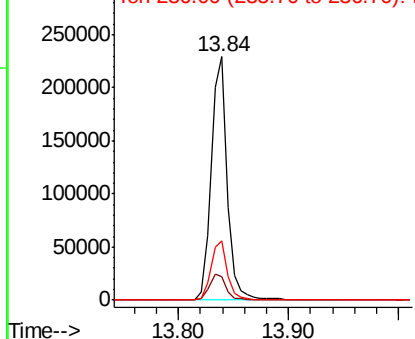


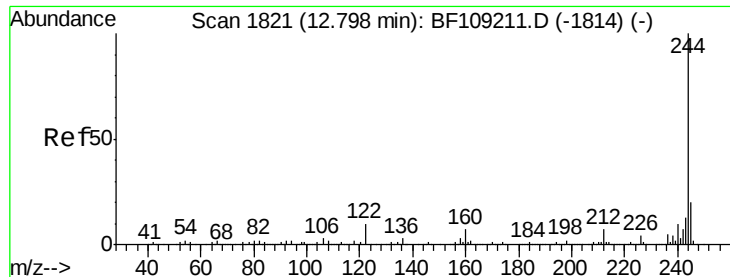
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109574.D
Acq: 4 Oct 2018 4:33

Tgt Ion:240 Resp: 224610
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 24.4 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

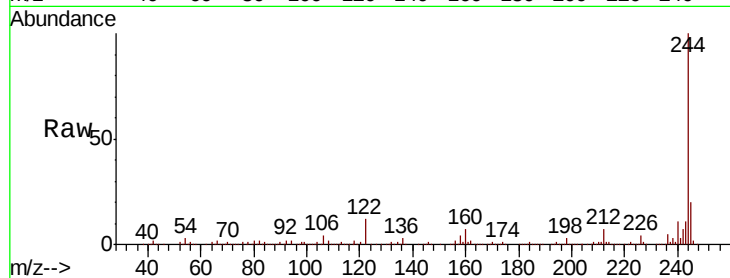




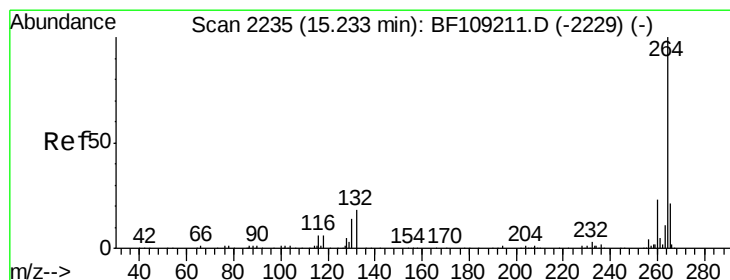
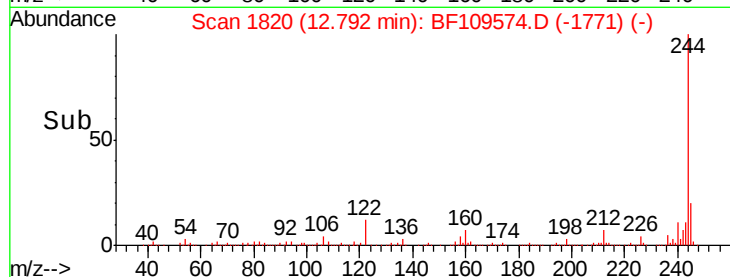
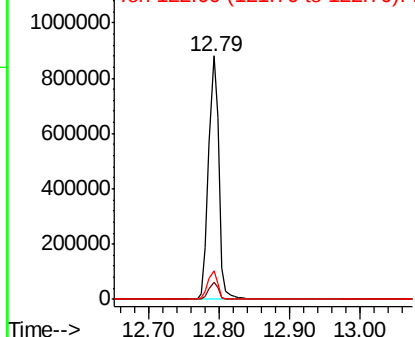
#78
 Terphenyl-d14
 Concen: 96.778 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109574.D
 Acq: 4 Oct 2018 4:33

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

Tgt Ion: 244 Resp: 885730
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.8 11.0 16.4

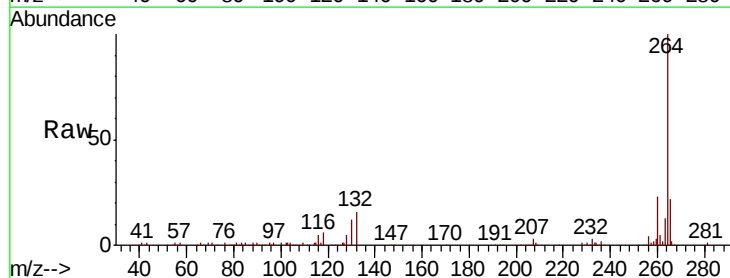


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BF109574.D
 Acq: 4 Oct 2018 4:33

Tgt Ion: 264 Resp: 155452
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 22.2 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

