

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
 Data File : BF109633.D
 Acq On : 6 Oct 2018 2:41
 Operator : JU/SJ
 Sample : J5264-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100318-SIDI-E-D-B

Quant Time: Oct 06 05:59:39 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

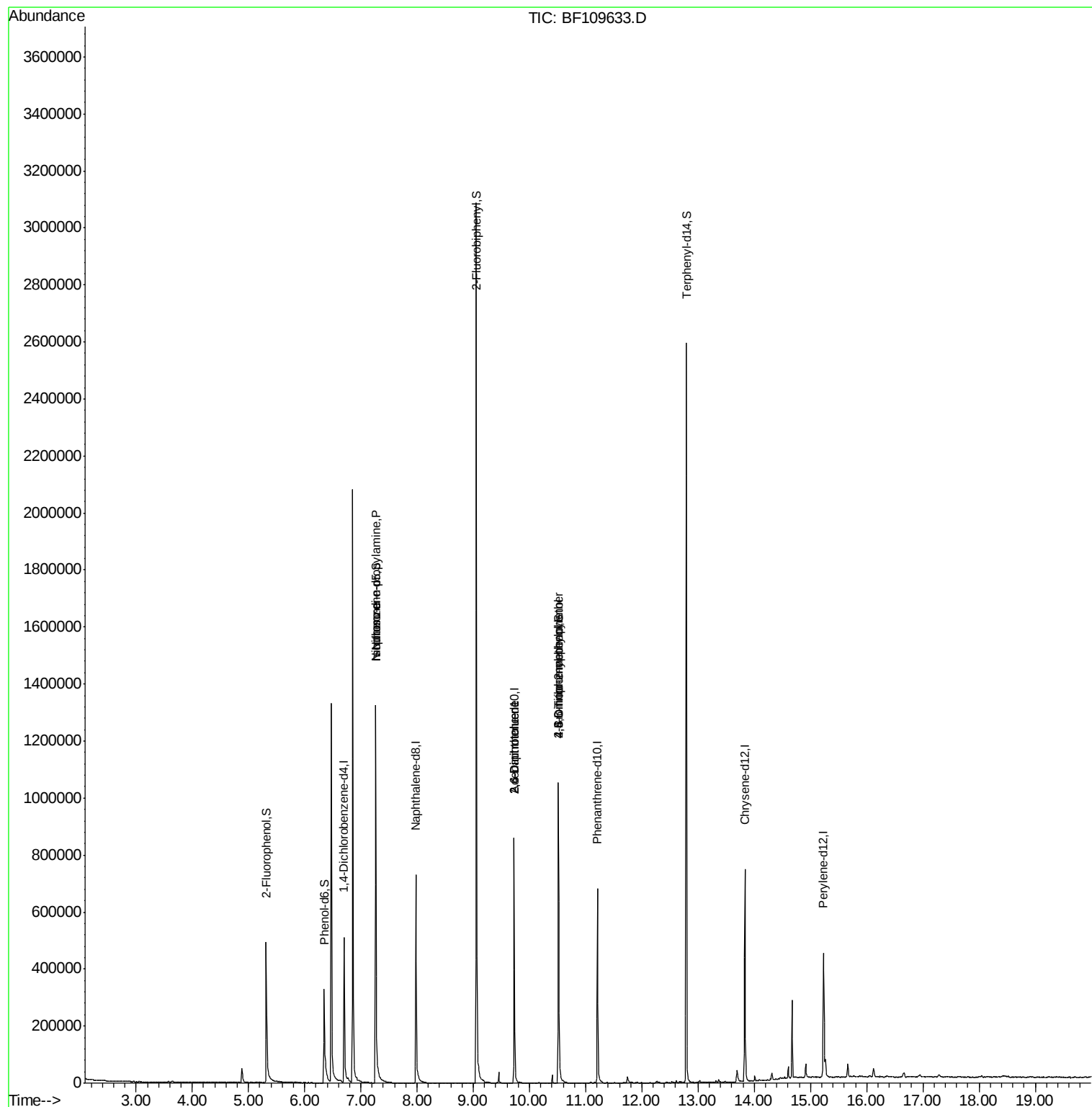
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	97677	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	384524	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	176247	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	316423	20.00	ng	0.00
75) Chrysene-d12	13.83	240	269496	20.00	ng	-0.01
86) Perylene-d12	15.23	264	222591	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	194218	32.75	ng	0.00
7) Phenol-d6	6.35	99	166155	21.96	ng	-0.01
23) Nitrobenzene-d5	7.27	82	596909	91.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	148788	85.64	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1057232	90.47	ng	-0.02
78) Terphenyl-d14	12.79	244	932573	84.92	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	79673	16.068	ng	# 78
25) Isophorone	7.27	82	585628	49.927	ng	# 64
50) 2,6-Dinitrotoluene	9.73	165	22276	8.774	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	22276	6.934	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	125	6.605	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9183	2.613	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
Data File : BF109633.D
Acq On : 6 Oct 2018 2:41
Operator : JU/SJ
Sample : J5264-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
100318-SIDI-E-D-B

Quant Time: Oct 06 05:59:39 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



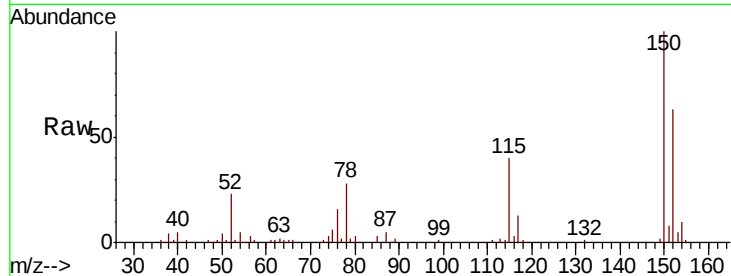


#1

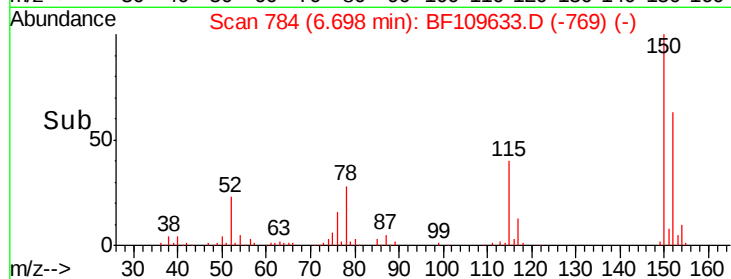
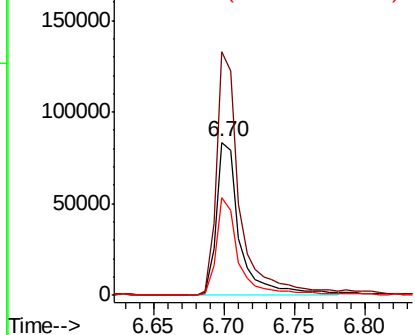
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF109633.D
Acq: 6 Oct 2018 2:41

Instrument :
BNA_F
ClientSampleId :
100318-SIDI-E-D-B

Tgt Ion:152 Resp: 97677
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 63.7 50.1 75.1



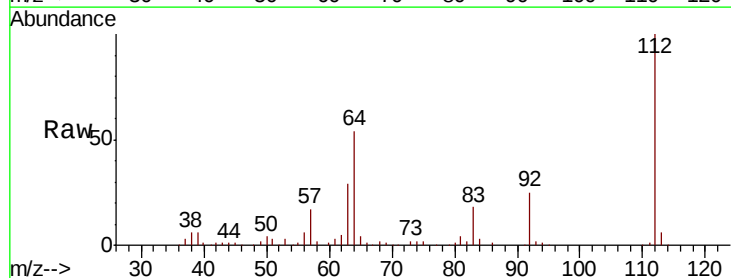
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



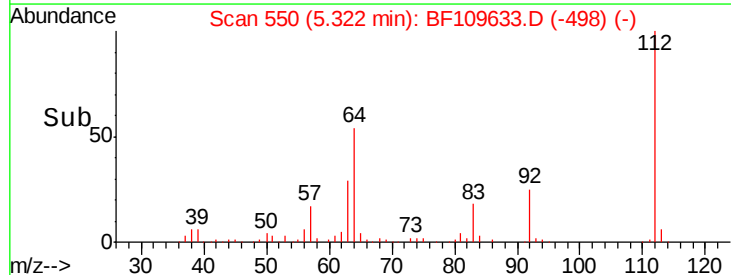
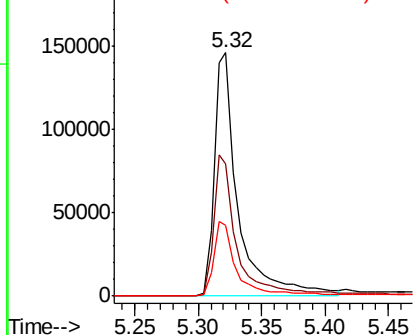
#5

2-Fluorophenol
Concen: 32.750 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109633.D
Acq: 6 Oct 2018 2:41

Tgt Ion:112 Resp: 194218
Ion Ratio Lower Upper
112 100
64 54.1 47.9 71.9
63 29.0 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: 21.957 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109633.D

Acq: 6 Oct 2018 2:41

Instrument :

BNA_F

ClientSampleId :

100318-SIDI-E-D-B

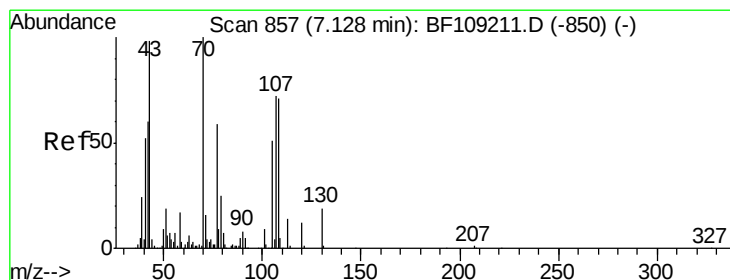
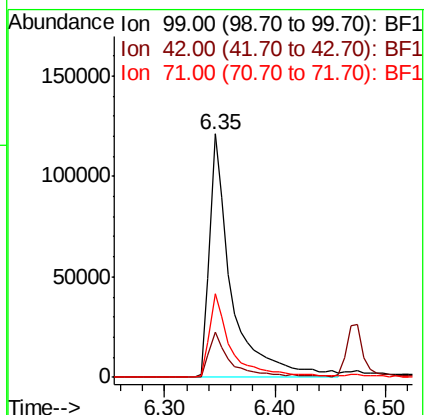
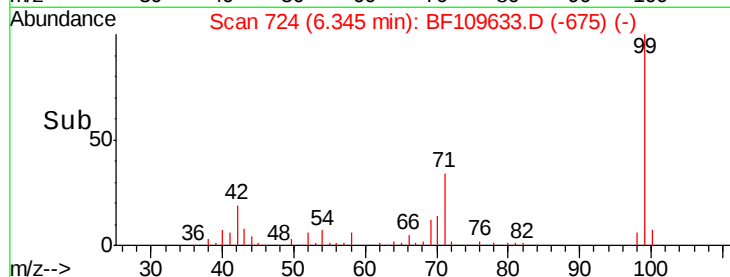
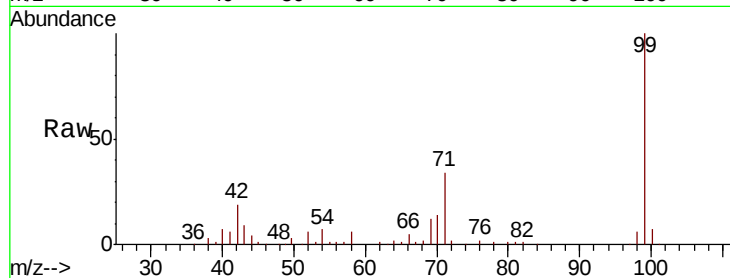
Tgt Ion: 99 Resp: 166155

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

71 34.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.068 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109633.D

Acq: 6 Oct 2018 2:41

Tgt Ion: 70 Resp: 79673

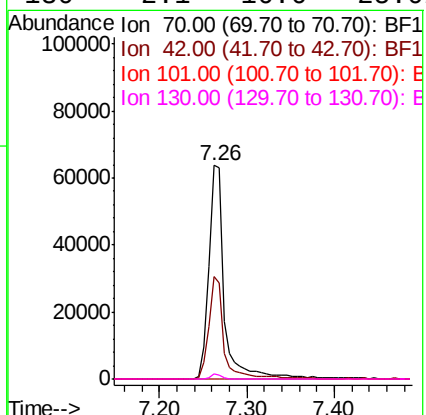
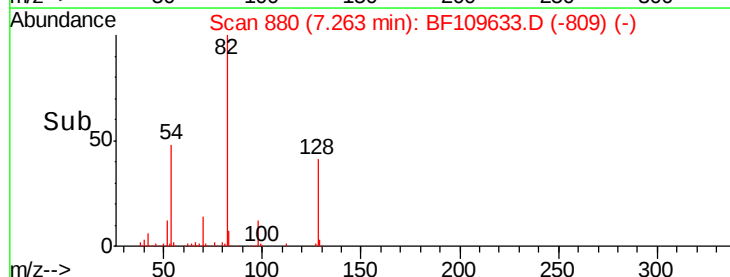
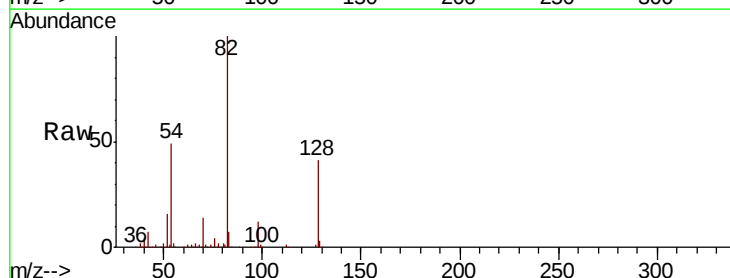
Ion Ratio Lower Upper

70 100

42 47.8 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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109633.D

Acq: 6 Oct 2018 2:41

Instrument :

BNA_F

ClientSampleId :

100318-SIDI-E-D-B

Tgt Ion: 136 Resp: 384524

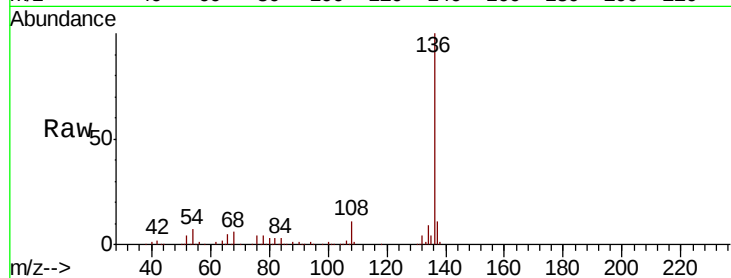
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.8 6.6 9.8

68 5.6 5.0 7.4

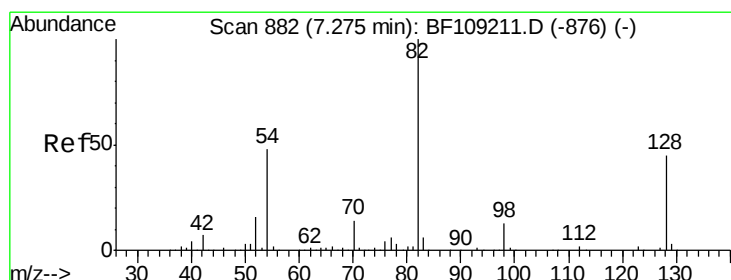
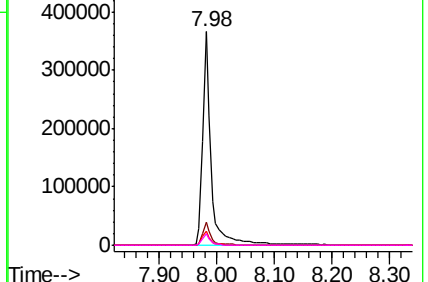
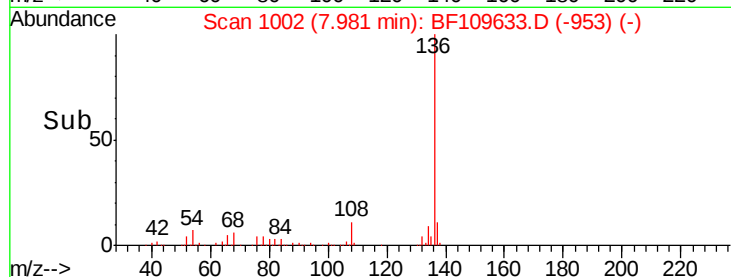


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.637 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109633.D

Acq: 6 Oct 2018 2:41

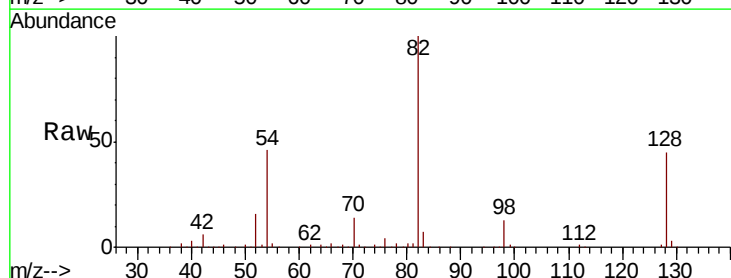
Tgt Ion: 82 Resp: 596909

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

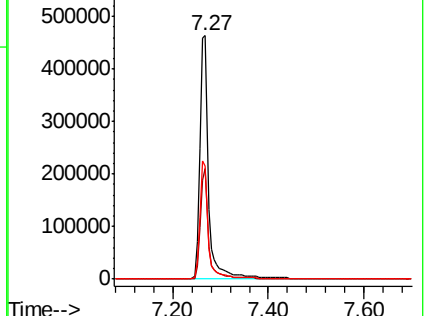
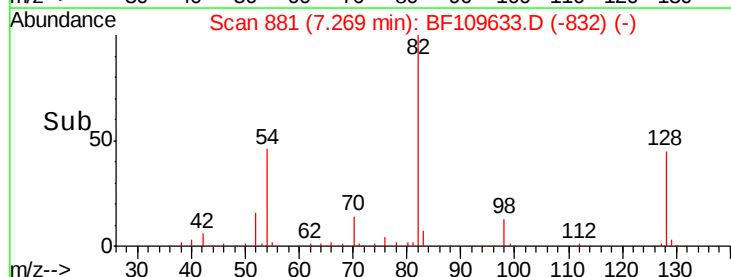
54 46.3 41.4 62.2

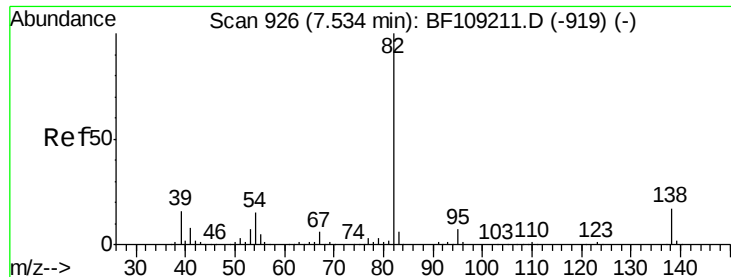


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

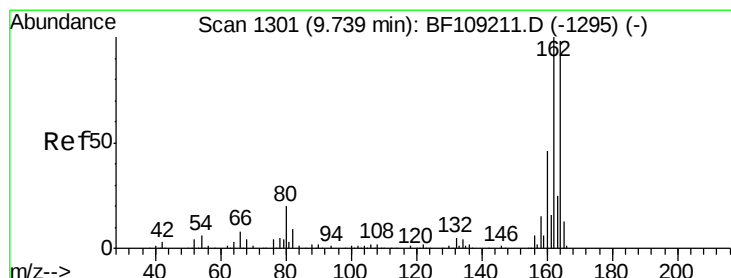
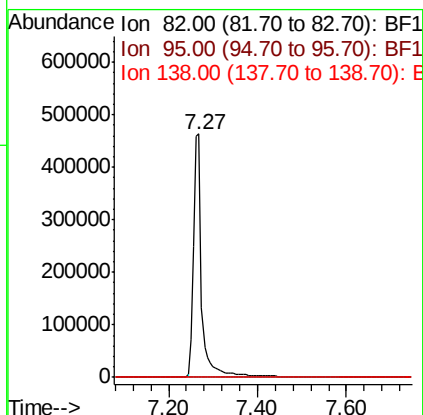
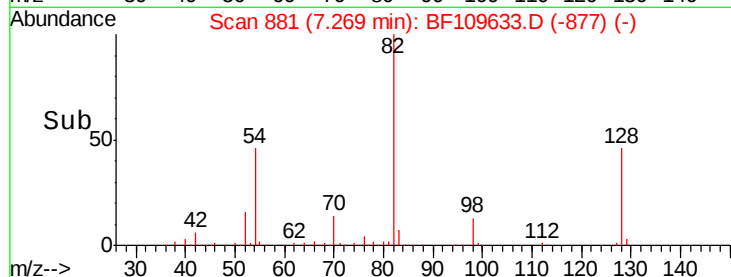
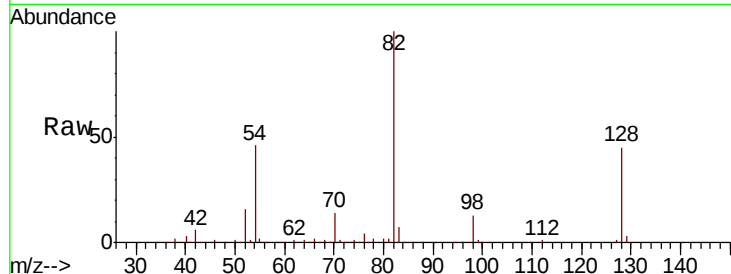




#25
Isophorone
Concen: 49.927 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109633.D
Acq: 6 Oct 2018 2:41

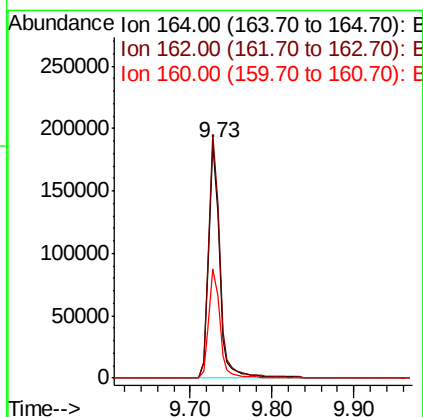
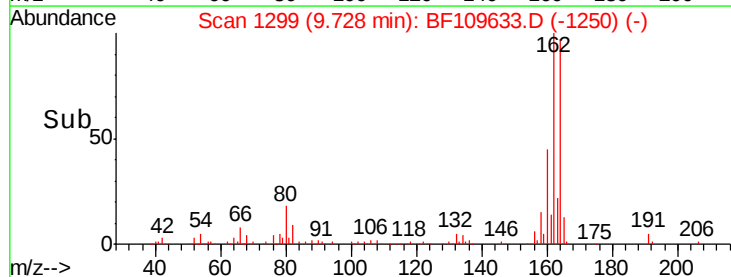
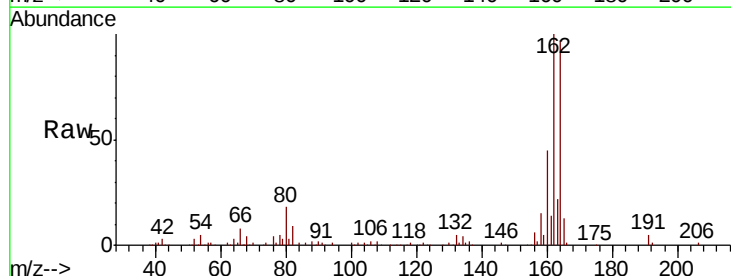
Instrument :
BNA_F
ClientSampleId :
100318-SIDI-E-D-B

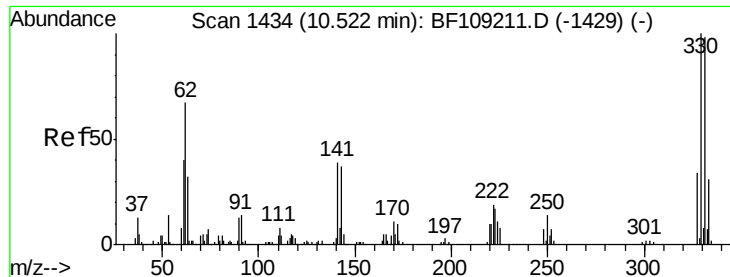
Tgt Ion: 82 Resp: 585628
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109633.D
Acq: 6 Oct 2018 2:41

Tgt Ion: 164 Resp: 176247
Ion Ratio Lower Upper
164 100
162 103.6 86.1 129.1
160 46.5 38.3 57.5

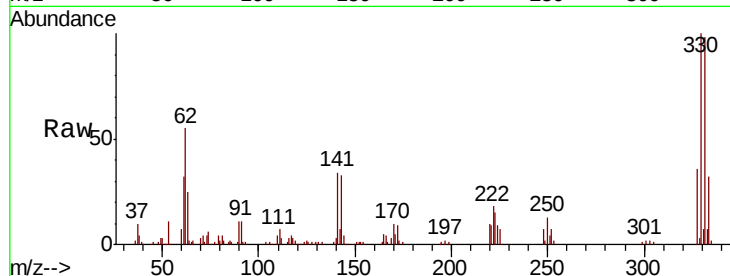




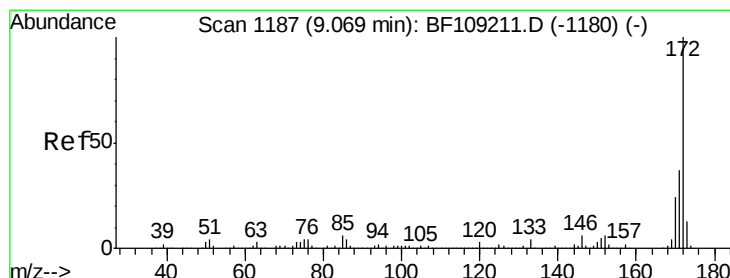
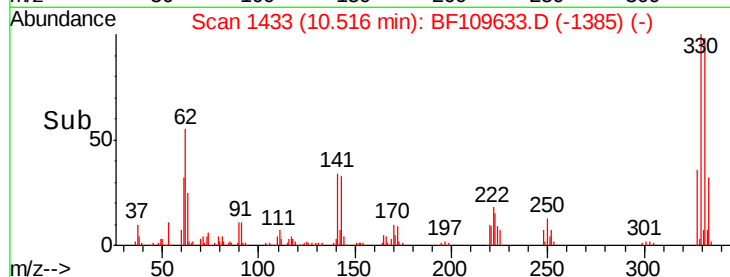
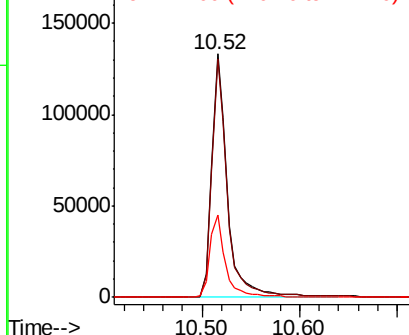
#41
 2,4,6-Tribromophenol
 Concen: 85.637 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109633.D
 Acq: 6 Oct 2018 2:41

Instrument :
 BNA_F
 ClientSampleId :
 100318-SIDI-E-D-B

Tgt Ion:330 Resp: 148788
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 34.2 29.9 44.9

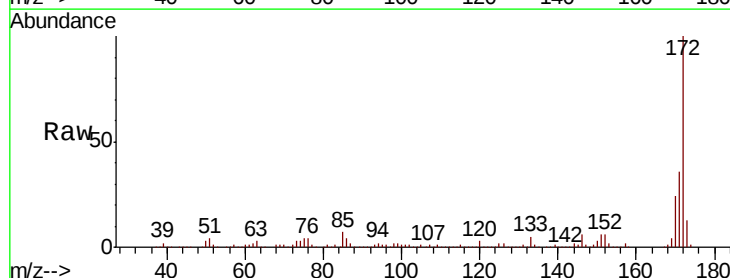


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

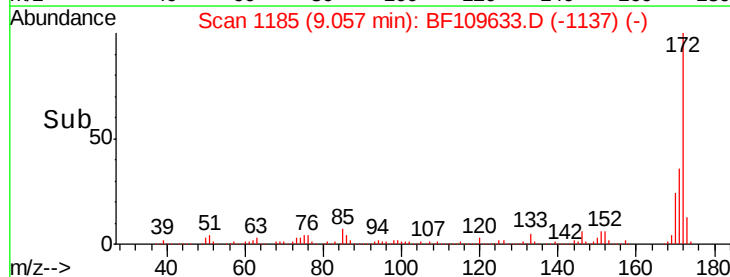
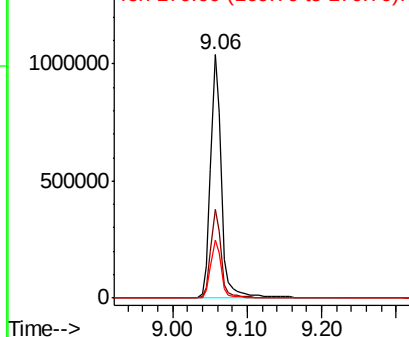


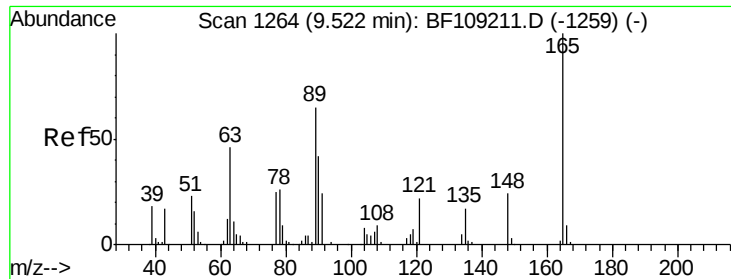
#44
 2-Fluorobiphenyl
 Concen: 90.470 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109633.D
 Acq: 6 Oct 2018 2:41

Tgt Ion:172 Resp: 1057232
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 24.1 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

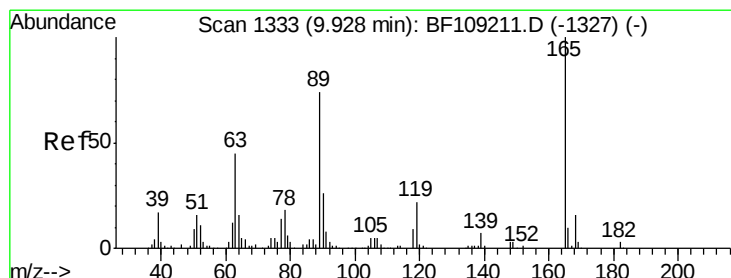
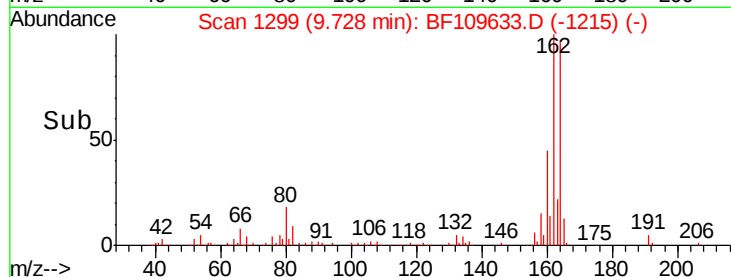
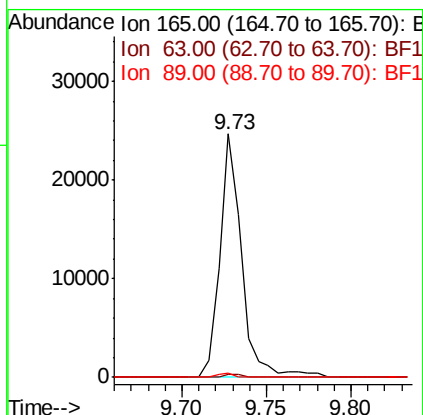
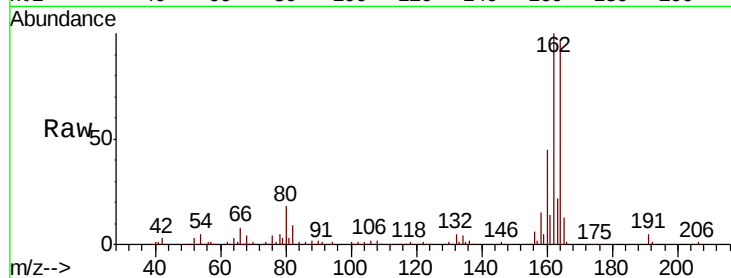




#50
 2,6-Dinitrotoluene
 Concen: 8.774 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF109633.D
 Acq: 6 Oct 2018 2:41

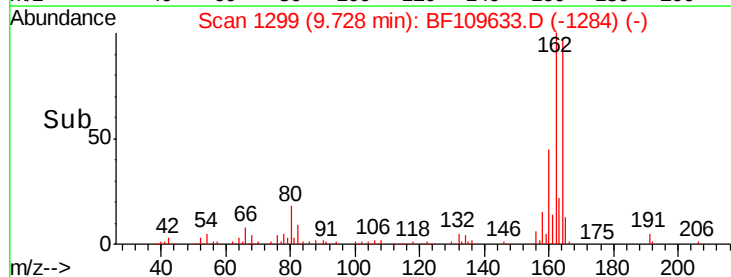
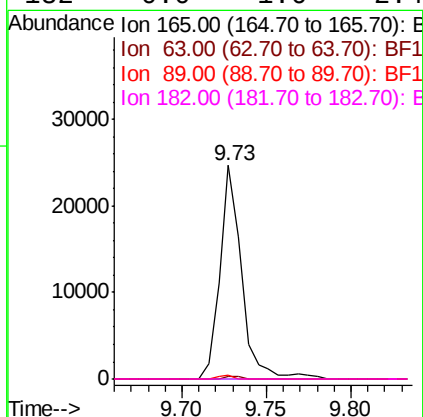
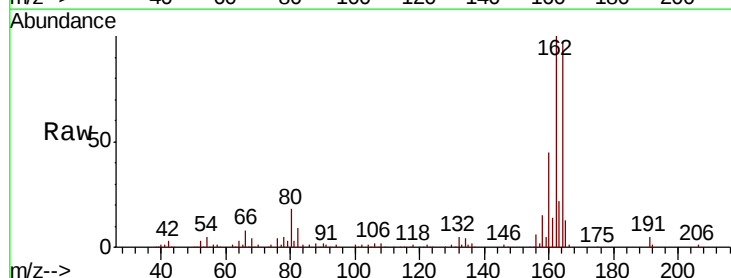
Instrument :
 BNA_F
 ClientSampleId :
 100318-SIDI-E-D-B

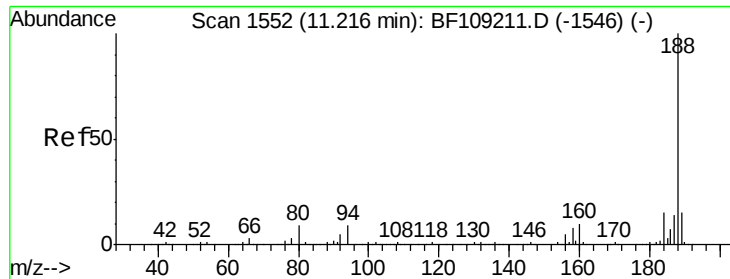
Tgt Ion:165 Resp: 22276
 Ion Ratio Lower Upper
 165 100
 63 1.3 44.7 67.1#
 89 1.9 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.934 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF109633.D
 Acq: 6 Oct 2018 2:41

Tgt Ion:165 Resp: 22276
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.4 54.6#
 89 1.9 57.8 86.6#
 182 0.0 1.6 2.4#

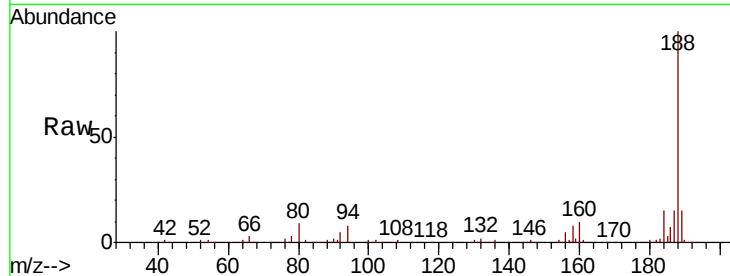




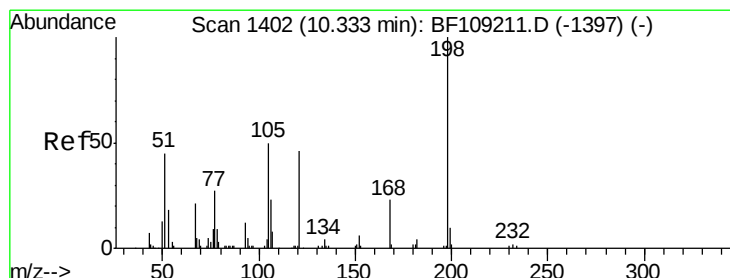
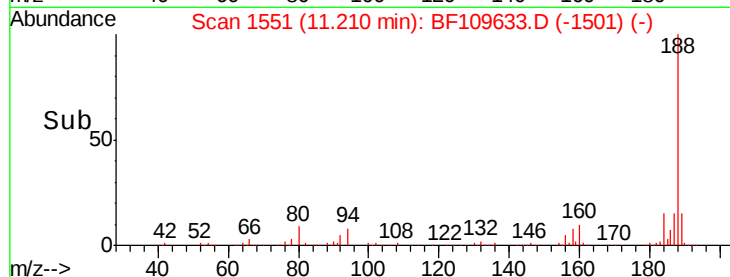
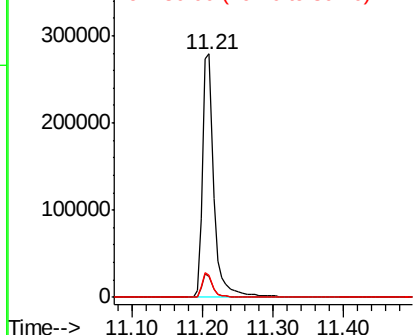
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109633.D
 Acq: 6 Oct 2018 2:41

Instrument :
 BNA_F
 ClientSampleId :
 100318-SIDI-E-D-B

Tgt Ion:188 Resp: 316423
 Ion Ratio Lower Upper
 188 100
 94 8.5 8.5 12.7#
 80 8.9 9.2 13.8#

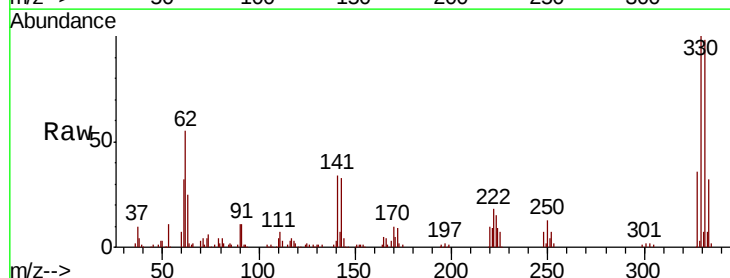


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

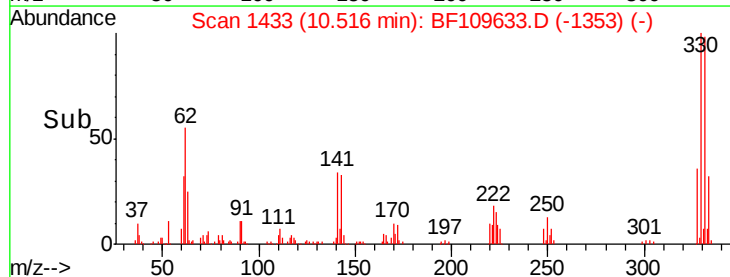
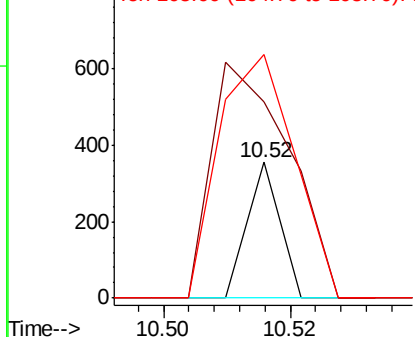


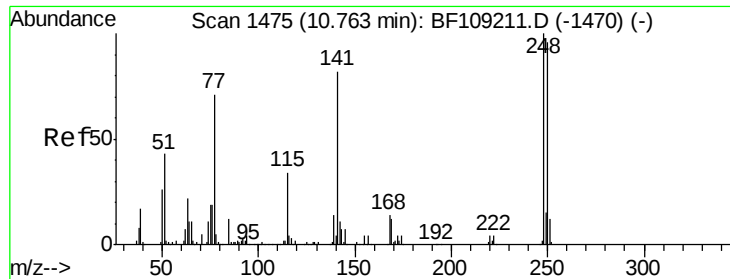
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.605 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109633.D
 Acq: 6 Oct 2018 2:41

Tgt Ion:198 Resp: 125
 Ion Ratio Lower Upper
 198 100
 51 144.5 37.7 77.7#
 105 179.4 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

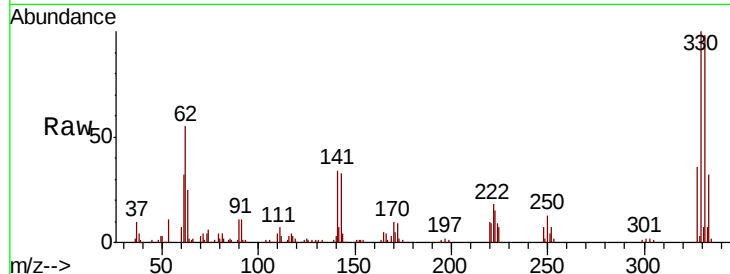




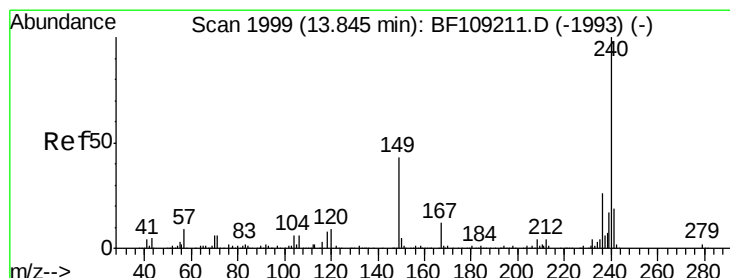
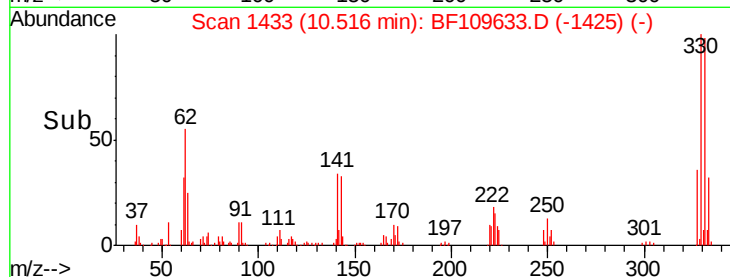
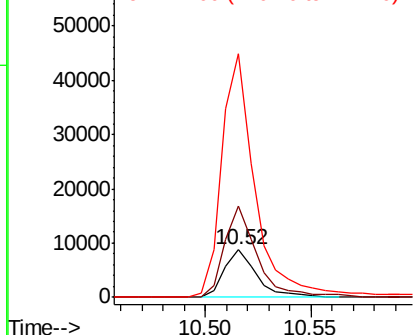
#66
4-Bromophenyl-phenylether
Concen: 2.613 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109633.D
Acq: 6 Oct 2018 2:41

Instrument :
BNA_F
ClientSampleId :
100318-SIDI-E-D-B

Tgt Ion:248 Resp: 9183
Ion Ratio Lower Upper
248 100
250 194.3 76.9 115.3#
141 515.6 74.4 111.6#

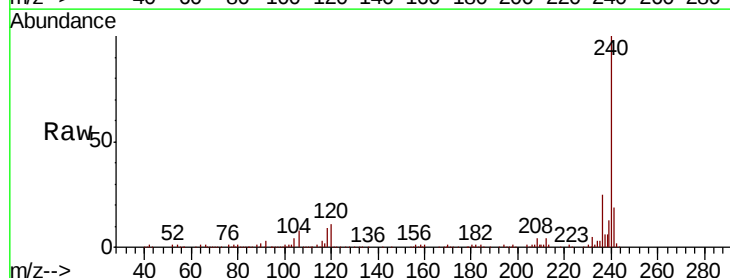


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

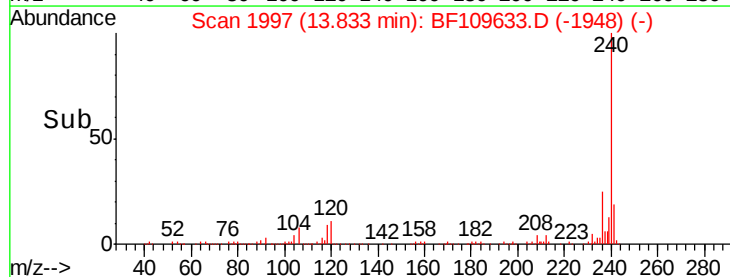
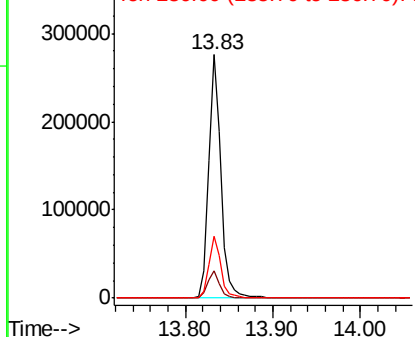


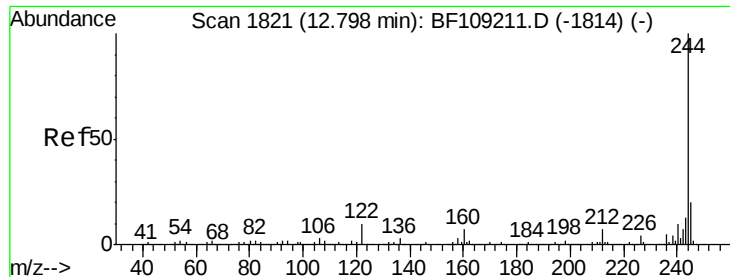
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109633.D
Acq: 6 Oct 2018 2:41

Tgt Ion:240 Resp: 269496
Ion Ratio Lower Upper
240 100
120 11.0 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: 84.925 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109633.D

Acq: 6 Oct 2018 2:41

Instrument :

BNA_F

ClientSampleId :

100318-SIDI-E-D-B

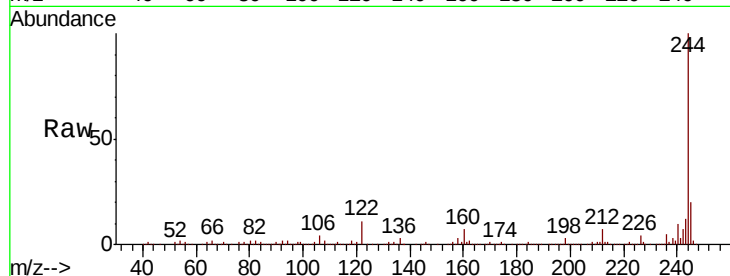
Tgt Ion:244 Resp: 932573

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

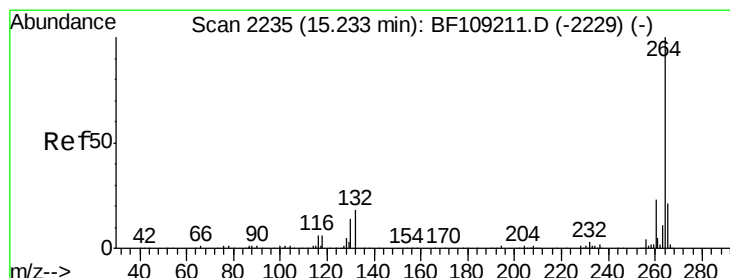
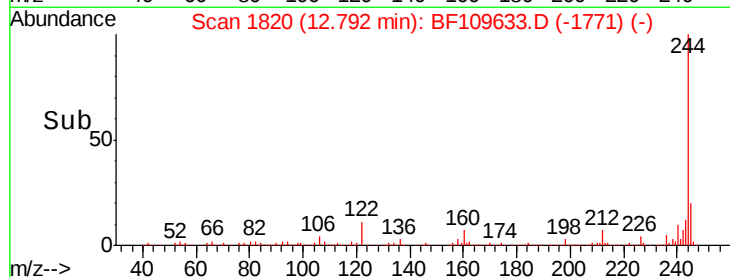
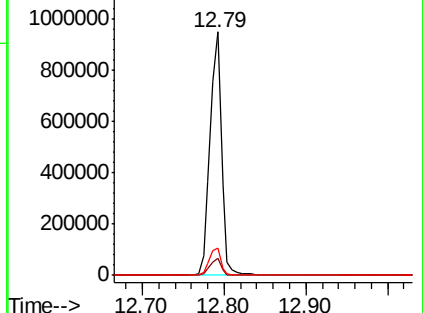
122 11.0 11.0 16.4



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: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF109633.D

Acq: 6 Oct 2018 2:41

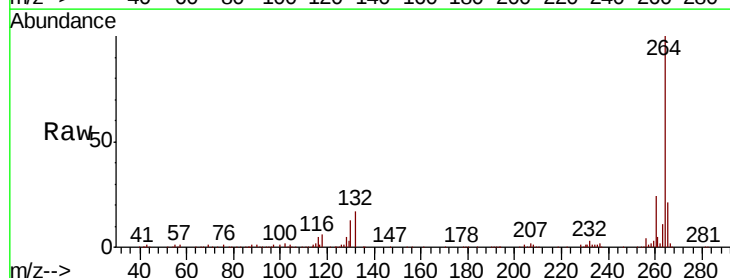
Tgt Ion:264 Resp: 222591

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.4 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

