

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
 Data File : BF109410.D
 Acq On : 28 Sep 2018 3:04
 Operator : JU/SJ
 Sample : J5076-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-D-S

Quant Time: Sep 28 05:17:07 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	106858	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	403564	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	178343	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	282182	20.00	ng	0.00
75) Chrysene-d12	13.84	240	250583	20.00	ng	0.00
86) Perylene-d12	15.24	264	190918	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	268633	41.41	ng	0.00
7) Phenol-d6	6.34	99	215671	26.05	ng	-0.02
23) Nitrobenzene-d5	7.27	82	701516	102.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	147618	83.96	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1168127	98.78	ng	0.00
78) Terphenyl-d14	12.80	244	974937	95.48	ng	0.00

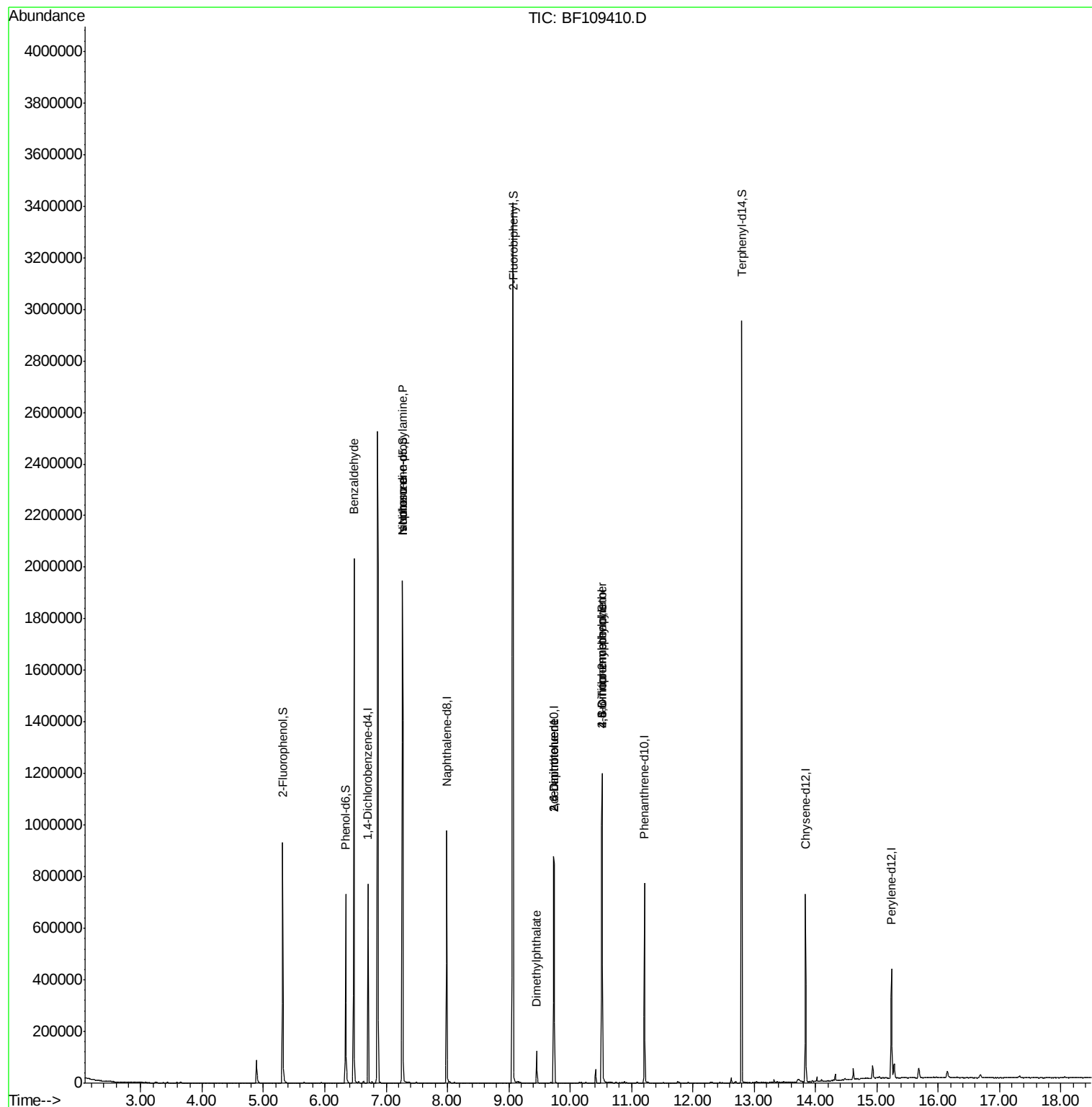
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	11296	2.124	ng	# 74
19) n-Nitroso-di-n-propylamine	7.27	70	93511	17.238	ng	# 77
25) Isophorone	7.27	82	674610	54.799	ng	# 64
49) Dimethylphthalate	9.46	163	51183	3.946	ng	100
50) 2,6-Dinitrotoluene	9.73	165	22245	8.659	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	22245	6.843	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	282	6.735	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9363	2.988	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092718\
Data File : BF109410.D
Acq On : 28 Sep 2018 3:04
Operator : JU/SJ
Sample : J5076-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-D-S

Quant Time: Sep 28 05:17:07 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



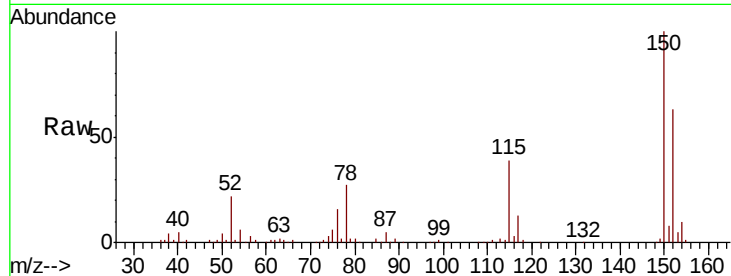


#1

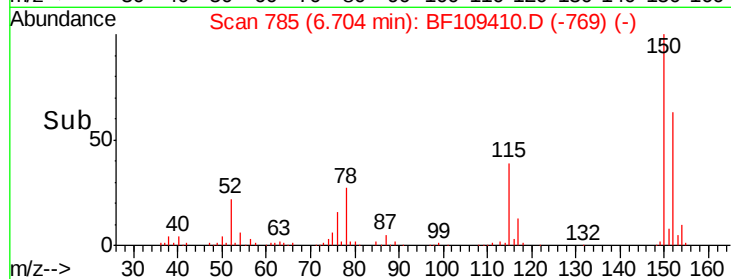
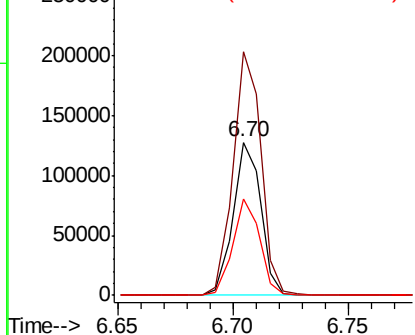
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-D-S

Tgt Ion:152 Resp: 106858
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 62.9 50.1 75.1



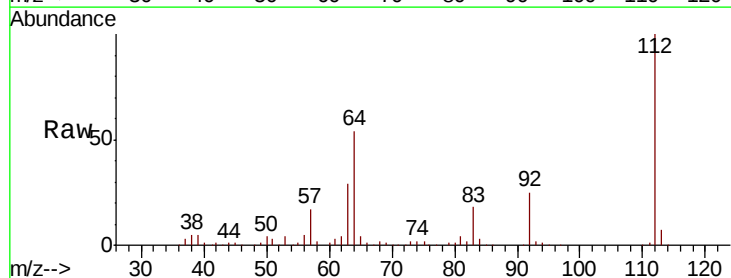
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



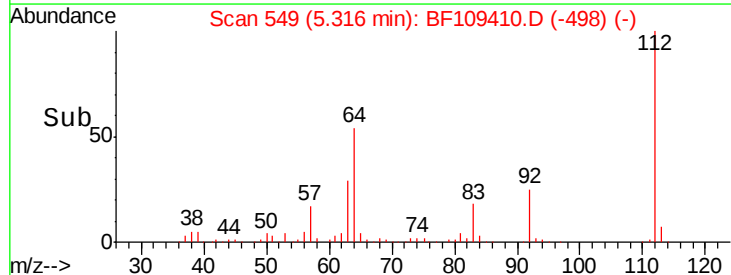
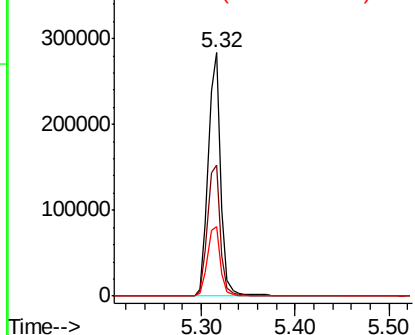
#5

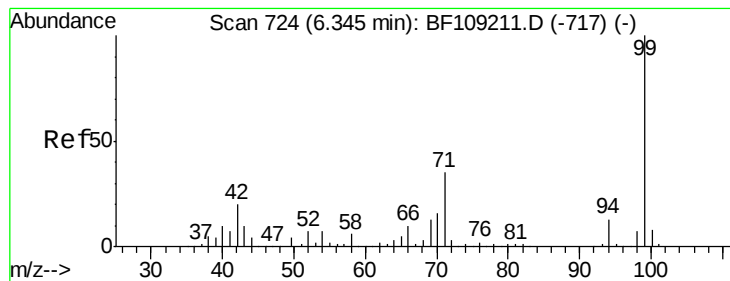
2-Fluorophenol
Concen: 41.406 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Tgt Ion:112 Resp: 268633
Ion Ratio Lower Upper
112 100
64 54.1 47.9 71.9
63 28.7 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: 26.052 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109410.D

Acq: 28 Sep 2018 3:04

Instrument :

BNA_F

ClientSampleId :

092418-SIDI-F-D-S

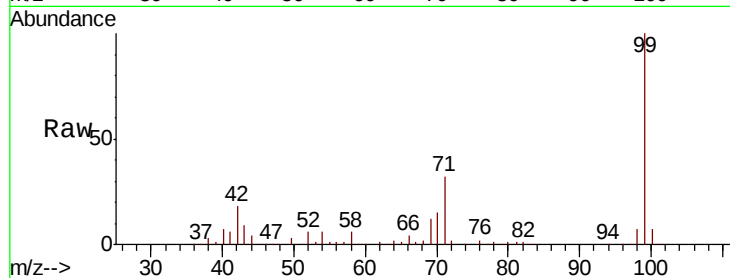
Tgt Ion: 99 Resp: 215671

Ion Ratio Lower Upper

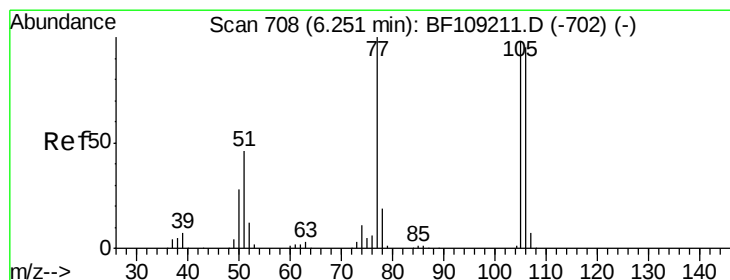
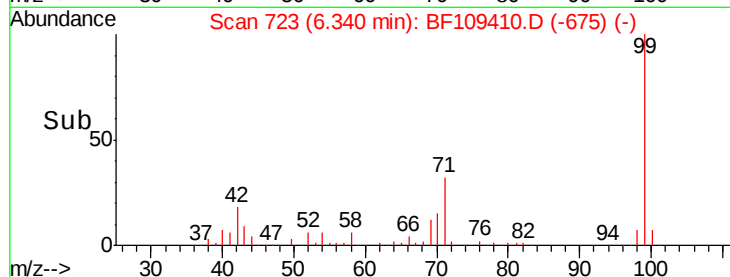
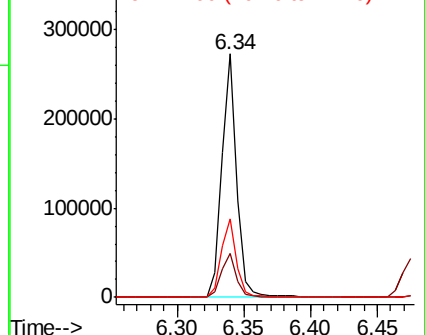
99 100

42 17.8 14.5 21.7

71 32.3 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: 2.124 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109410.D

Acq: 28 Sep 2018 3:04

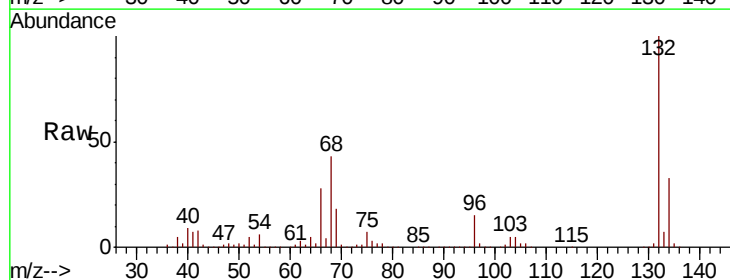
Tgt Ion: 77 Resp: 11296

Ion Ratio Lower Upper

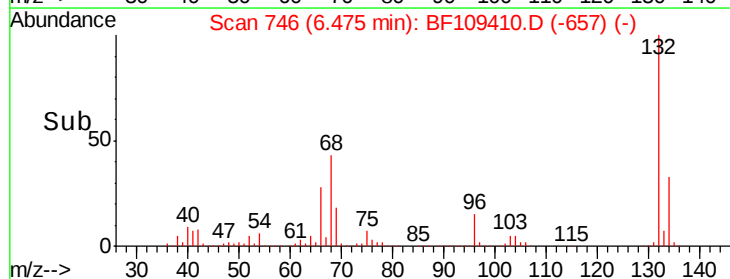
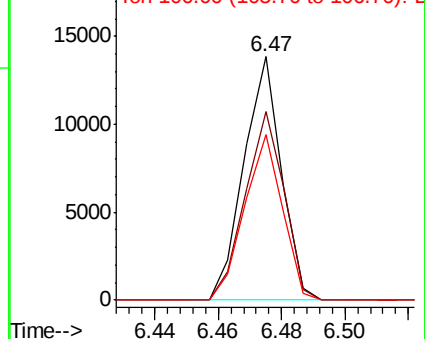
77 100

105 77.2 81.1 121.1#

106 67.8 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

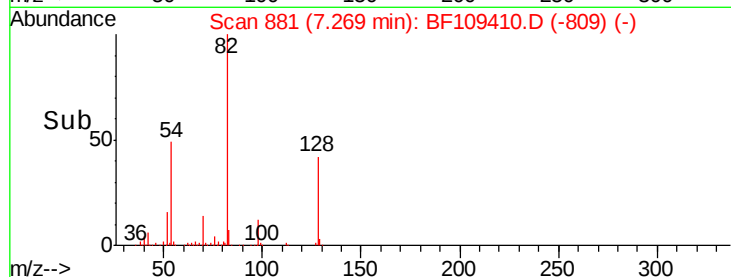
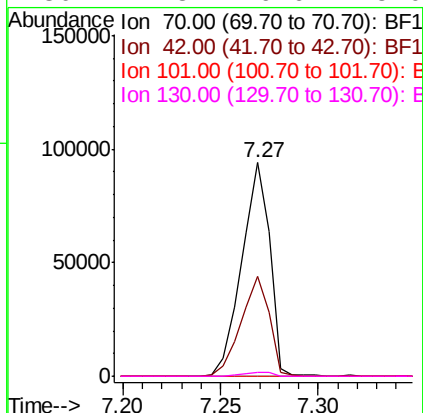
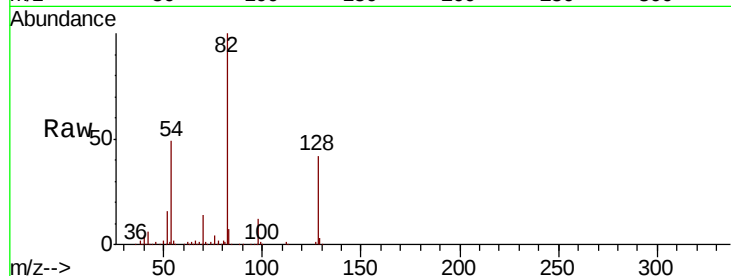




#19
n-Nitroso-di-n-propylamine
Concen: 17.238 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

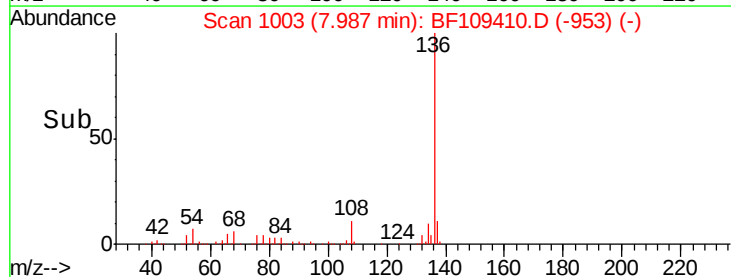
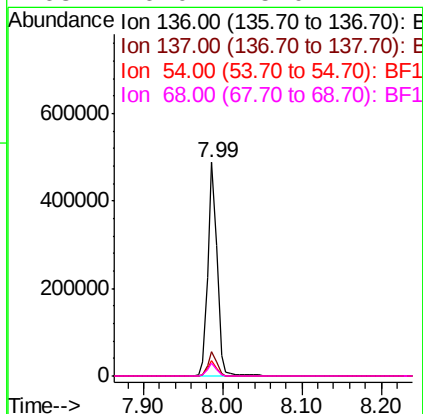
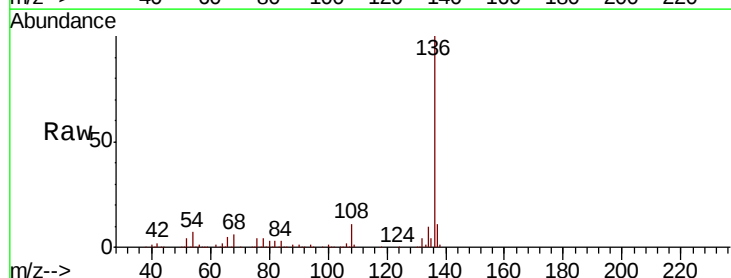
Instrument :
BNA_F
ClientSampleId :
092418-SIDI-F-D-S

Tgt Ion: 70 Resp: 93511
Ion Ratio Lower Upper
70 100
42 47.0 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: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109410.D
Acq: 28 Sep 2018 3:04

Tgt Ion: 136 Resp: 403564
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.1 6.6 9.8
68 6.0 5.0 7.4

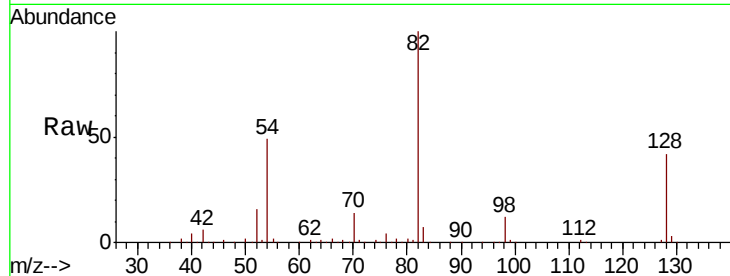




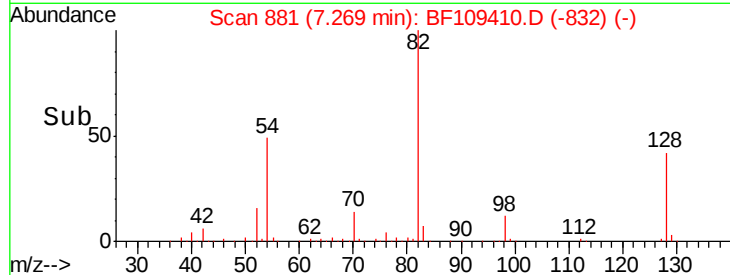
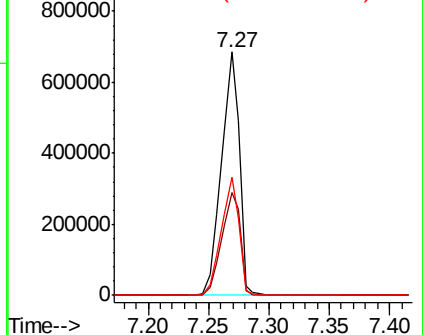
#23
 Nitrobenzene-d5
 Concen: 102.615 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109410.D
 Acq: 28 Sep 2018 3:04

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-D-S

Tgt Ion: 82 Resp: 701516
 Ion Ratio Lower Upper
 82 100
 128 42.3 36.1 54.1
 54 48.7 41.4 62.2

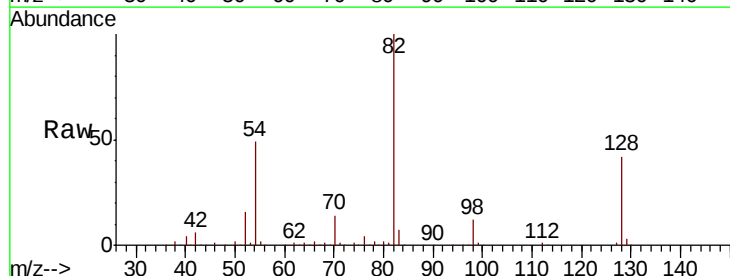


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

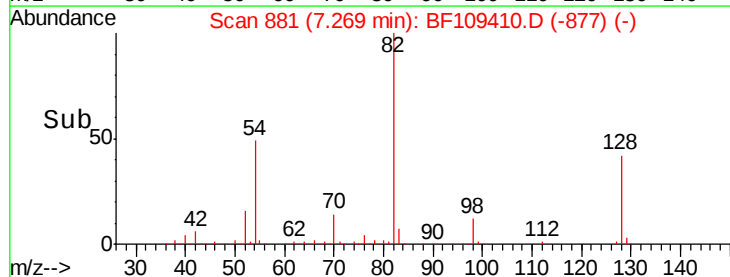
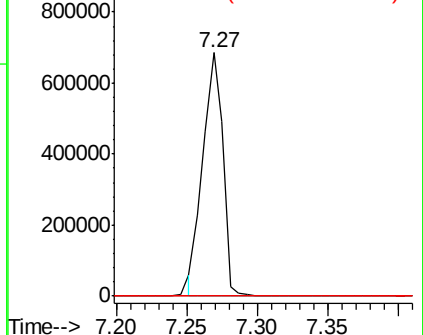


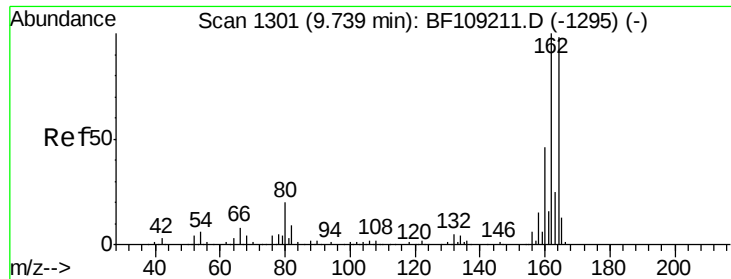
#25
 Isophorone
 Concen: 54.799 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109410.D
 Acq: 28 Sep 2018 3:04

Tgt Ion: 82 Resp: 674610
 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: BF109410.D

Acq: 28 Sep 2018 3:04

Instrument :

BNA_F

ClientSampleId :

092418-SIDI-F-D-S

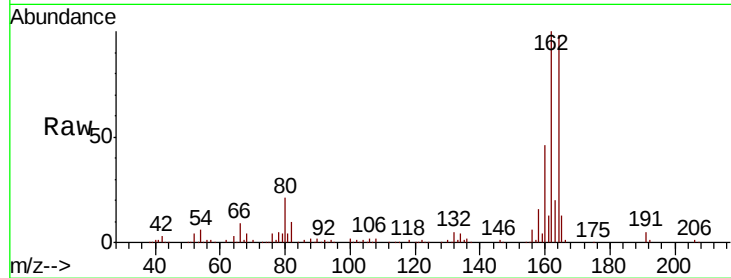
Tgt Ion:164 Resp: 178343

Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

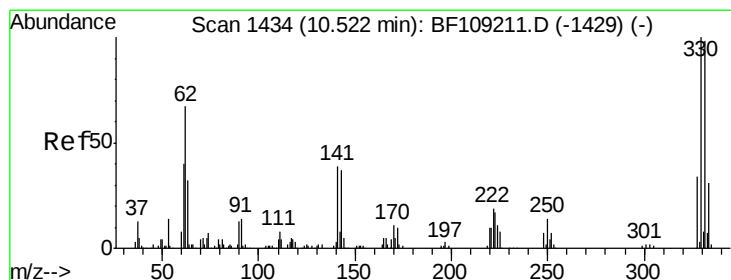
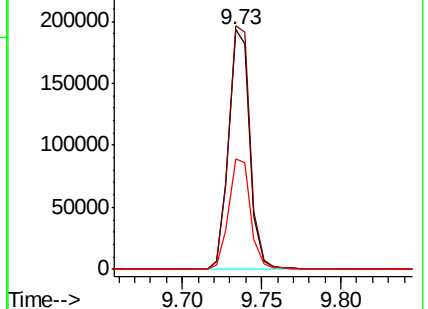
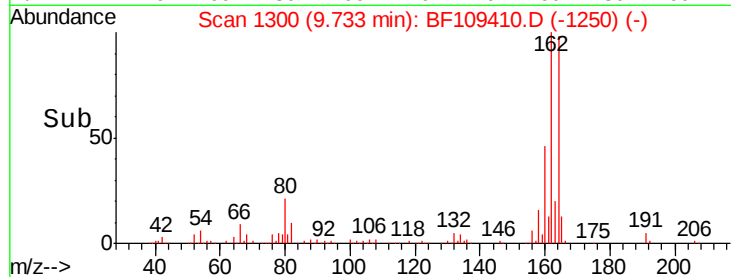
160 46.4 38.3 57.5



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: 83.965 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109410.D

Acq: 28 Sep 2018 3:04

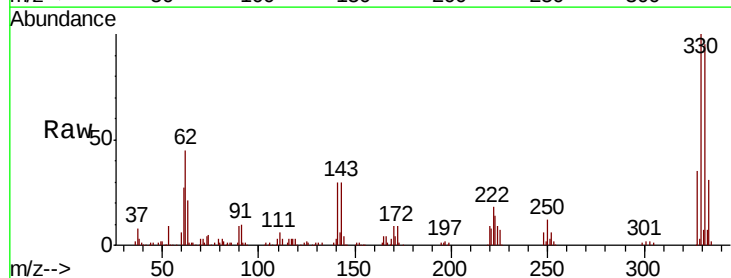
Tgt Ion:330 Resp: 147618

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

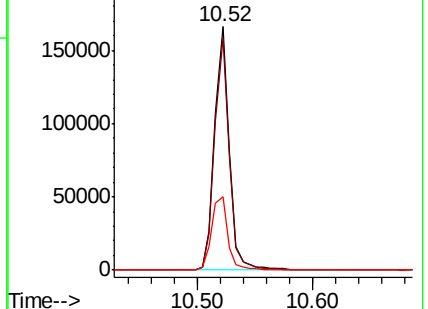
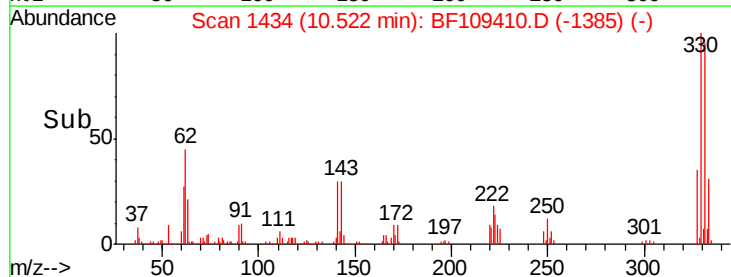
141 32.6 29.9 44.9

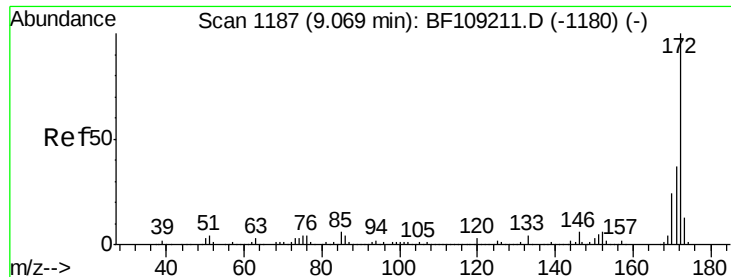


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

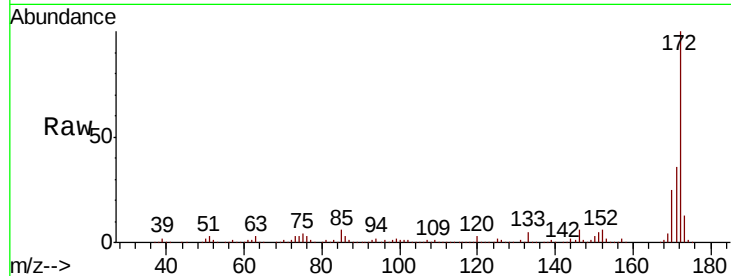




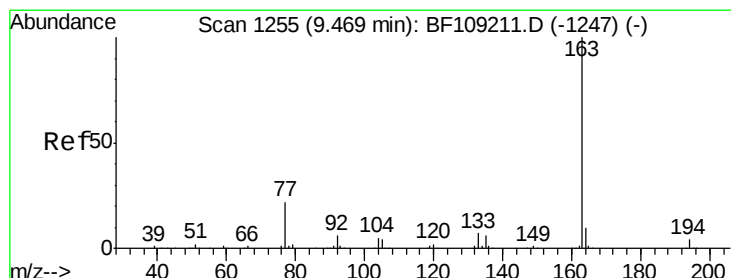
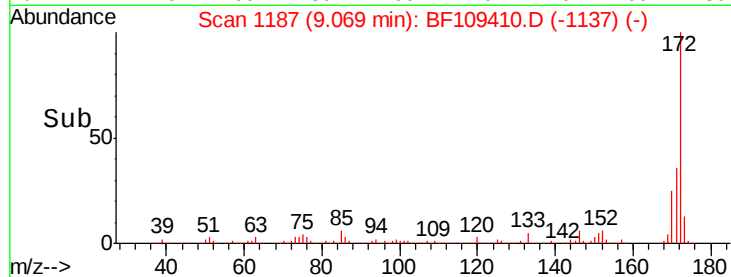
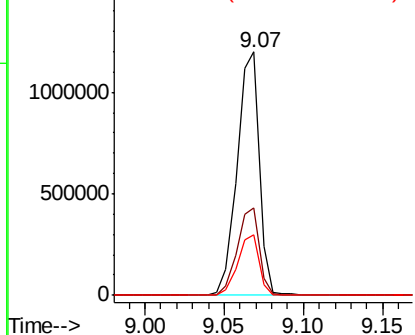
#44
 2-Fluorobiphenyl
 Concen: 98.785 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109410.D
 Acq: 28 Sep 2018 3:04

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-D-S

Tgt Ion:172 Resp: 1168127
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.7 19.6 29.4

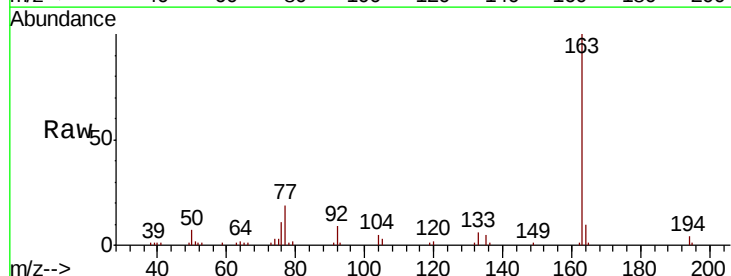


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

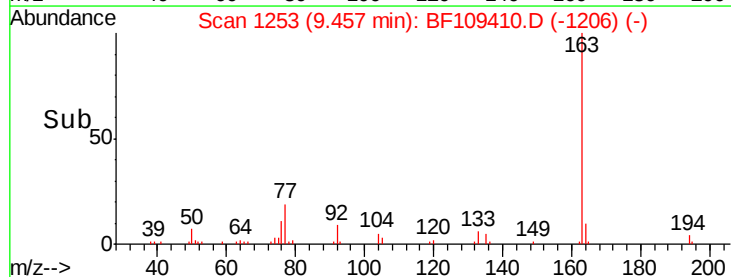
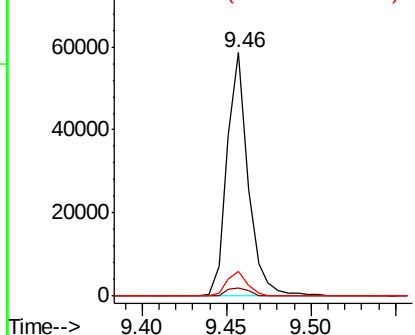


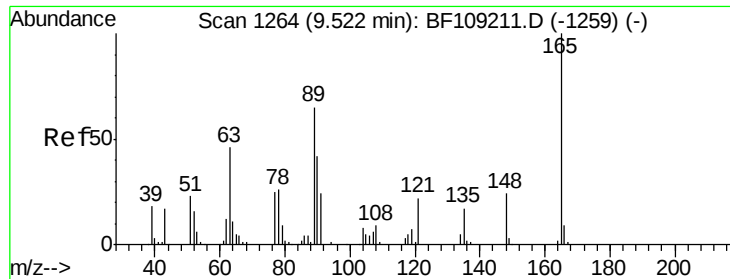
#49
 Dimethylphthalate
 Concen: 3.946 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109410.D
 Acq: 28 Sep 2018 3:04

Tgt Ion:163 Resp: 51183
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.7 4.1
 164 10.1 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

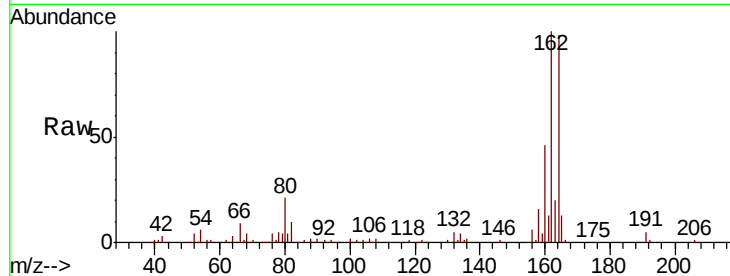




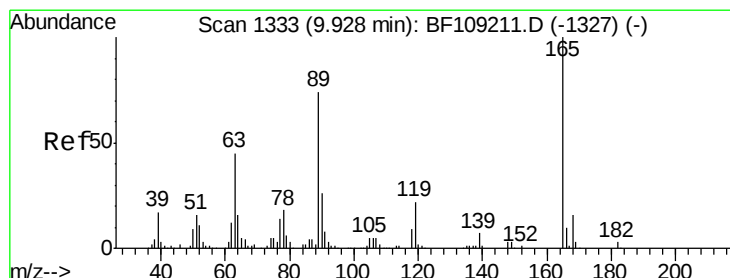
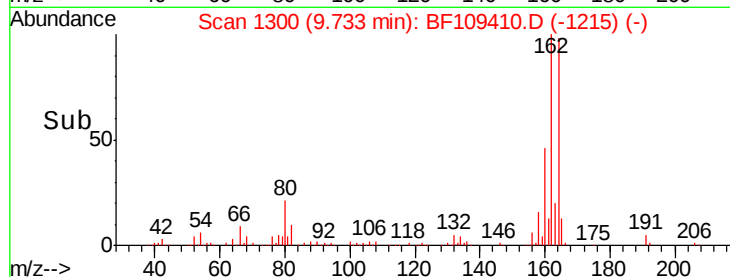
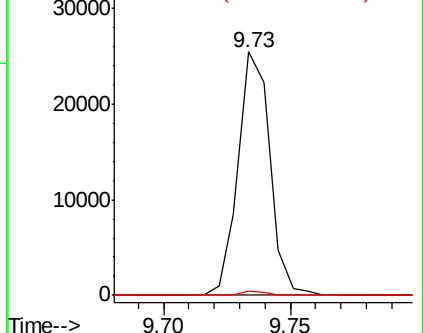
#50
 2,6-Dinitrotoluene
 Concen: 8.659 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109410.D
 Acq: 28 Sep 2018 3:04

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-D-S

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



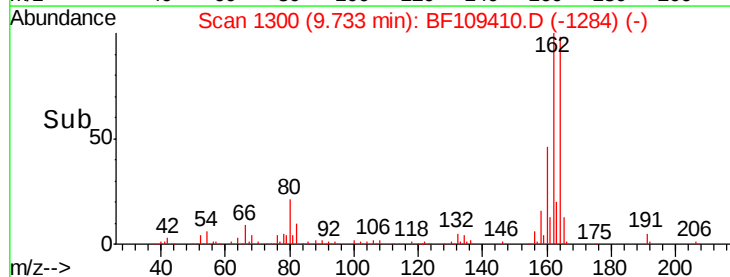
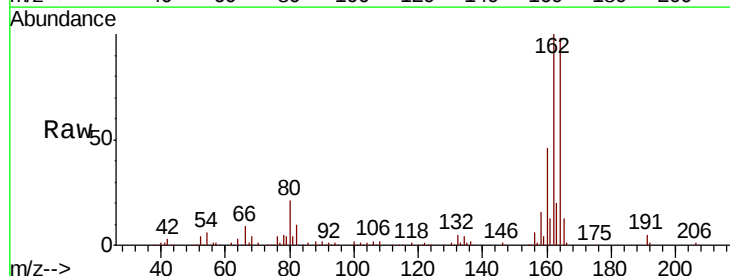
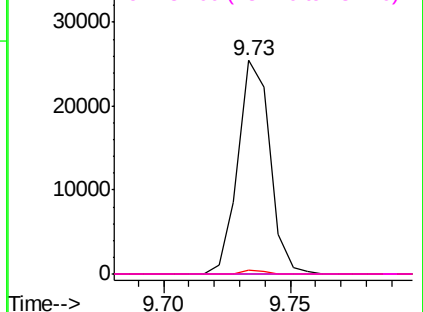
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

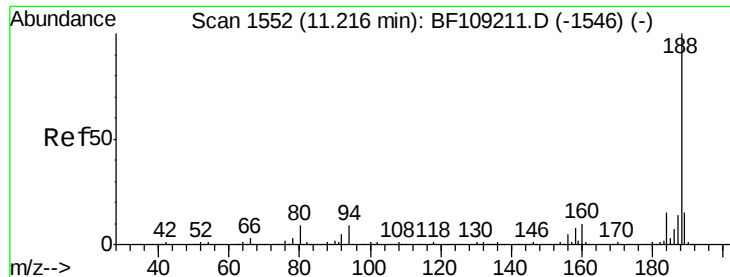


#56
 2,4-Dinitrotoluene
 Concen: 6.843 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109410.D
 Acq: 28 Sep 2018 3:04

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#

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

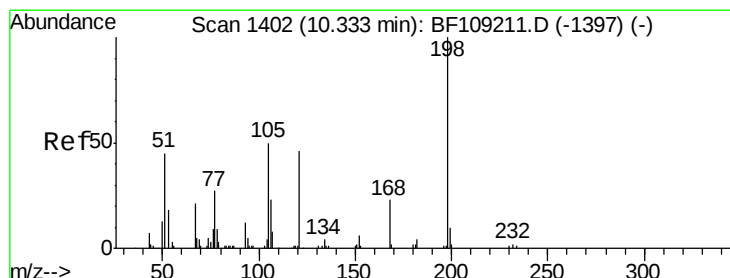
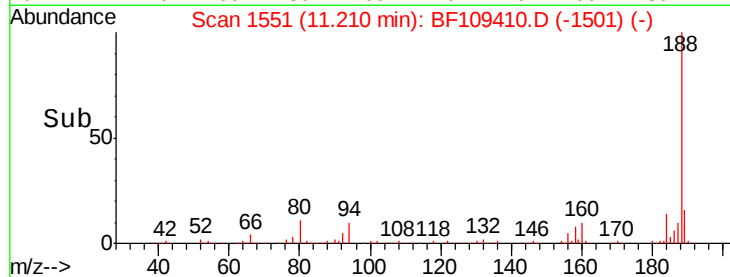
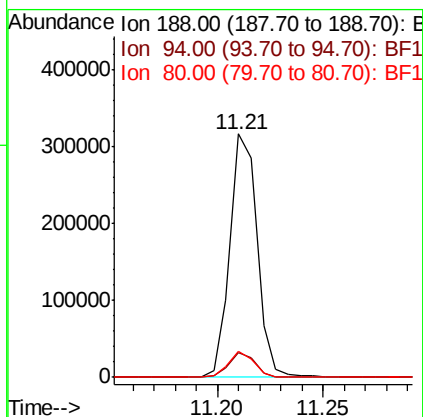
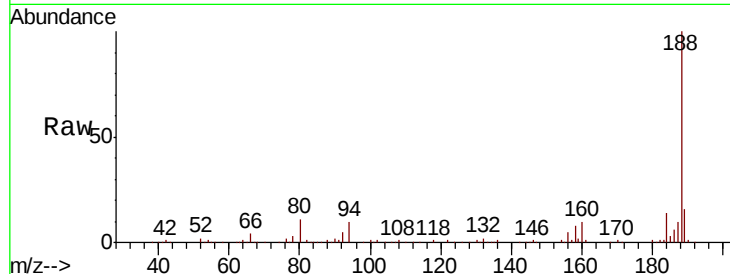




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109410.D
 Acq: 28 Sep 2018 3:04

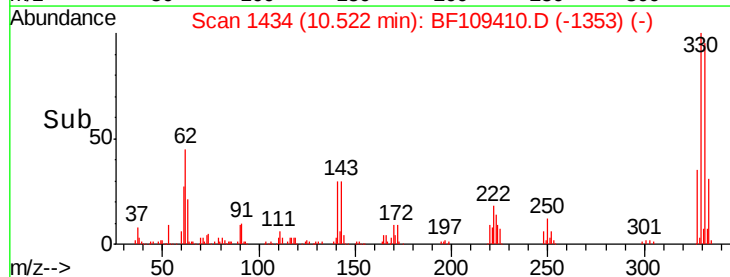
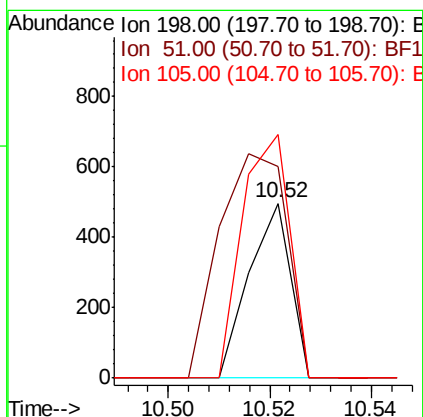
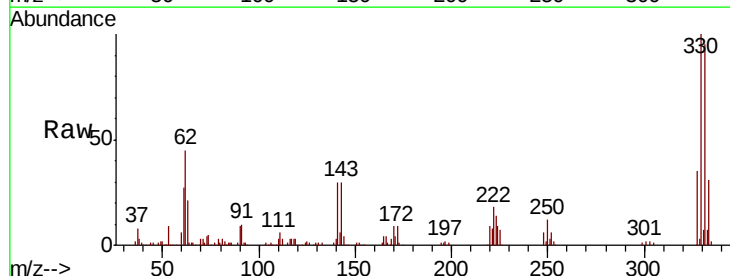
Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-D-S

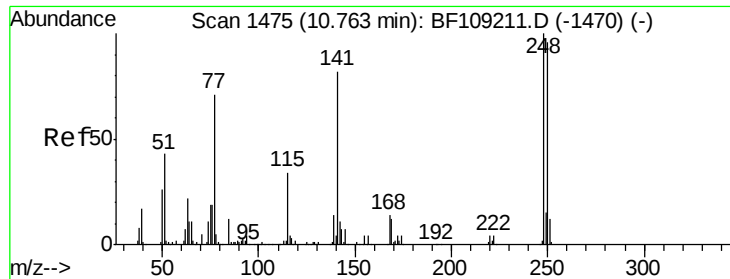
Tgt Ion:188 Resp: 282182
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 10.8 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.735 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109410.D
 Acq: 28 Sep 2018 3:04

Tgt Ion:198 Resp: 282
 Ion Ratio Lower Upper
 198 100
 51 120.7 37.7 77.7#
 105 139.2 36.3 76.3#

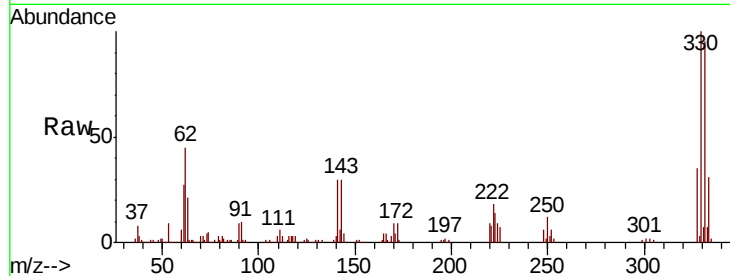




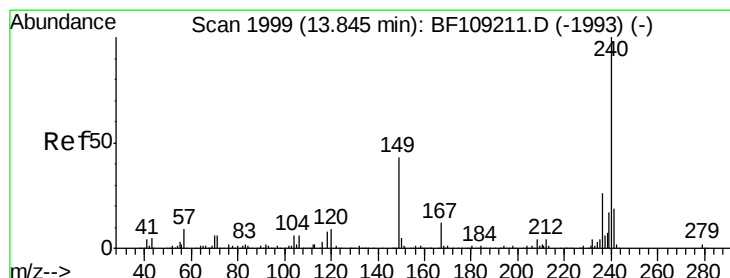
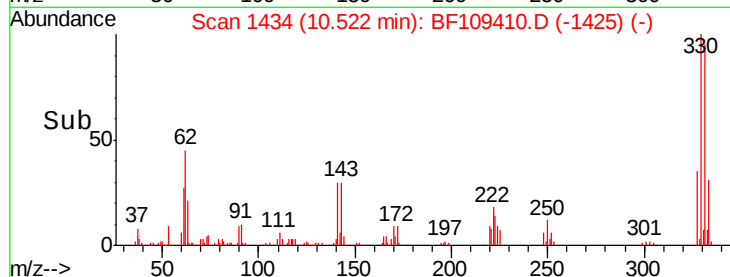
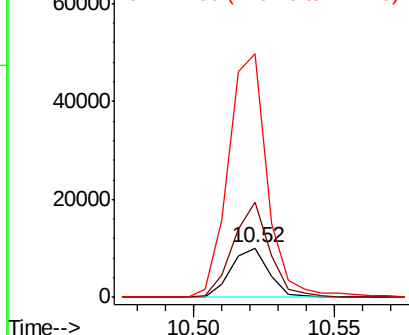
#66
 4-Bromophenyl-phenylether
 Concen: 2.988 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109410.D
 Acq: 28 Sep 2018 3:04

Instrument :
 BNA_F
 ClientSampleId :
 092418-SIDI-F-D-S

Tgt Ion: 248 Resp: 9363
 Ion Ratio Lower Upper
 248 100
 250 191.8 76.9 115.3#
 141 491.3 74.4 111.6#

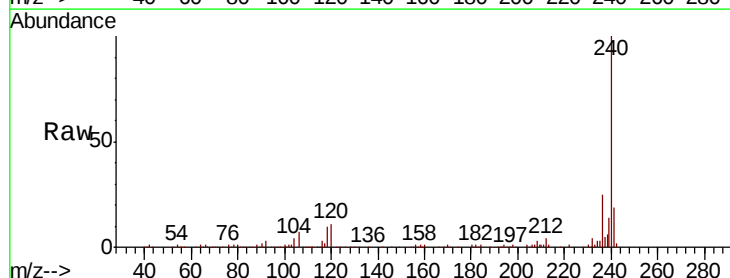


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

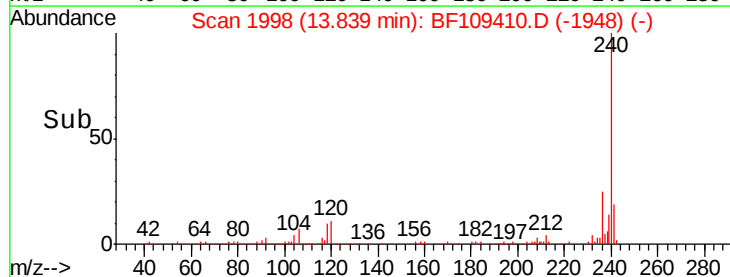
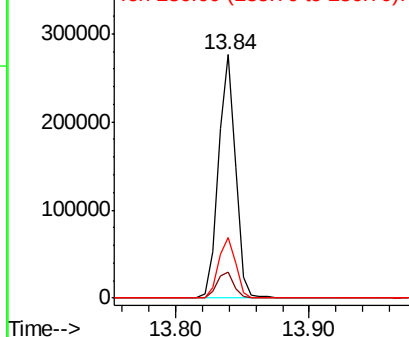


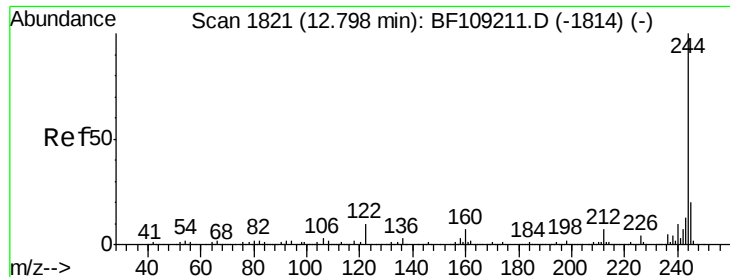
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF109410.D
 Acq: 28 Sep 2018 3:04

Tgt Ion: 240 Resp: 250583
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.5 14.3
 236 24.8 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: 95.484 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109410.D

Acq: 28 Sep 2018 3:04

Instrument :

BNA_F

ClientSampleId :

092418-SIDI-F-D-S

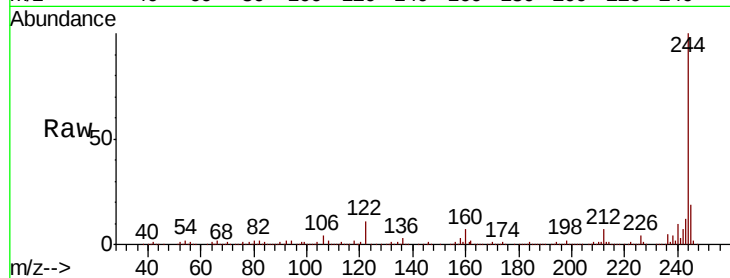
Tgt Ion:244 Resp: 974937

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

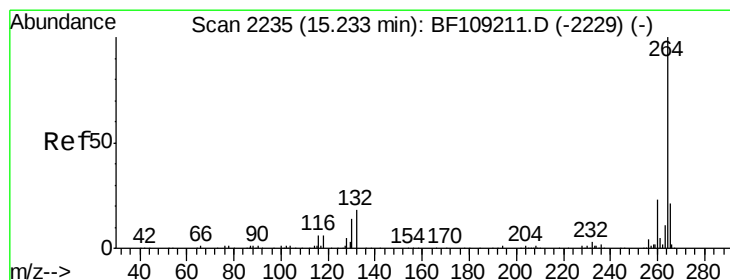
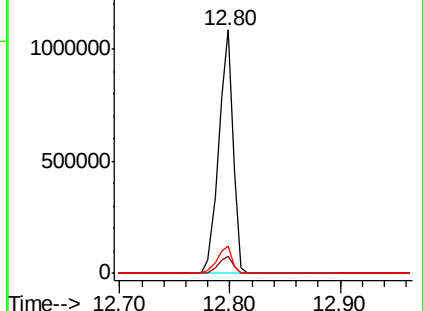
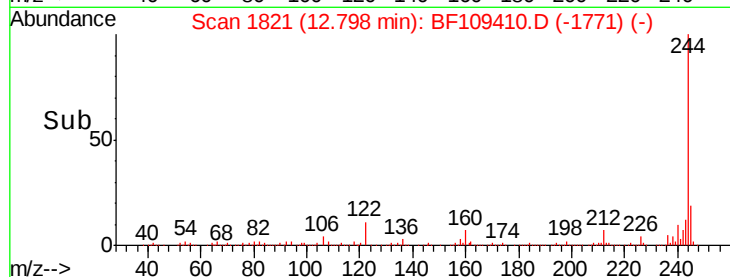
122 11.1 11.0 16.4



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: BF109410.D

Acq: 28 Sep 2018 3:04

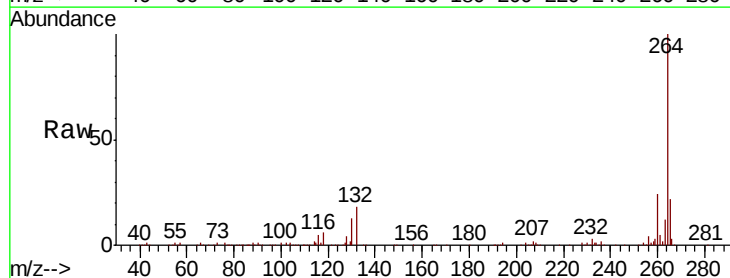
Tgt Ion:264 Resp: 190918

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.4 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

