

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
 Data File : BF109170.D
 Acq On : 20 Sep 2018 3:16
 Operator : JU/SJ
 Sample : J4984-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091718-SIDI-E-U-S

Quant Time: Sep 20 07:37:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

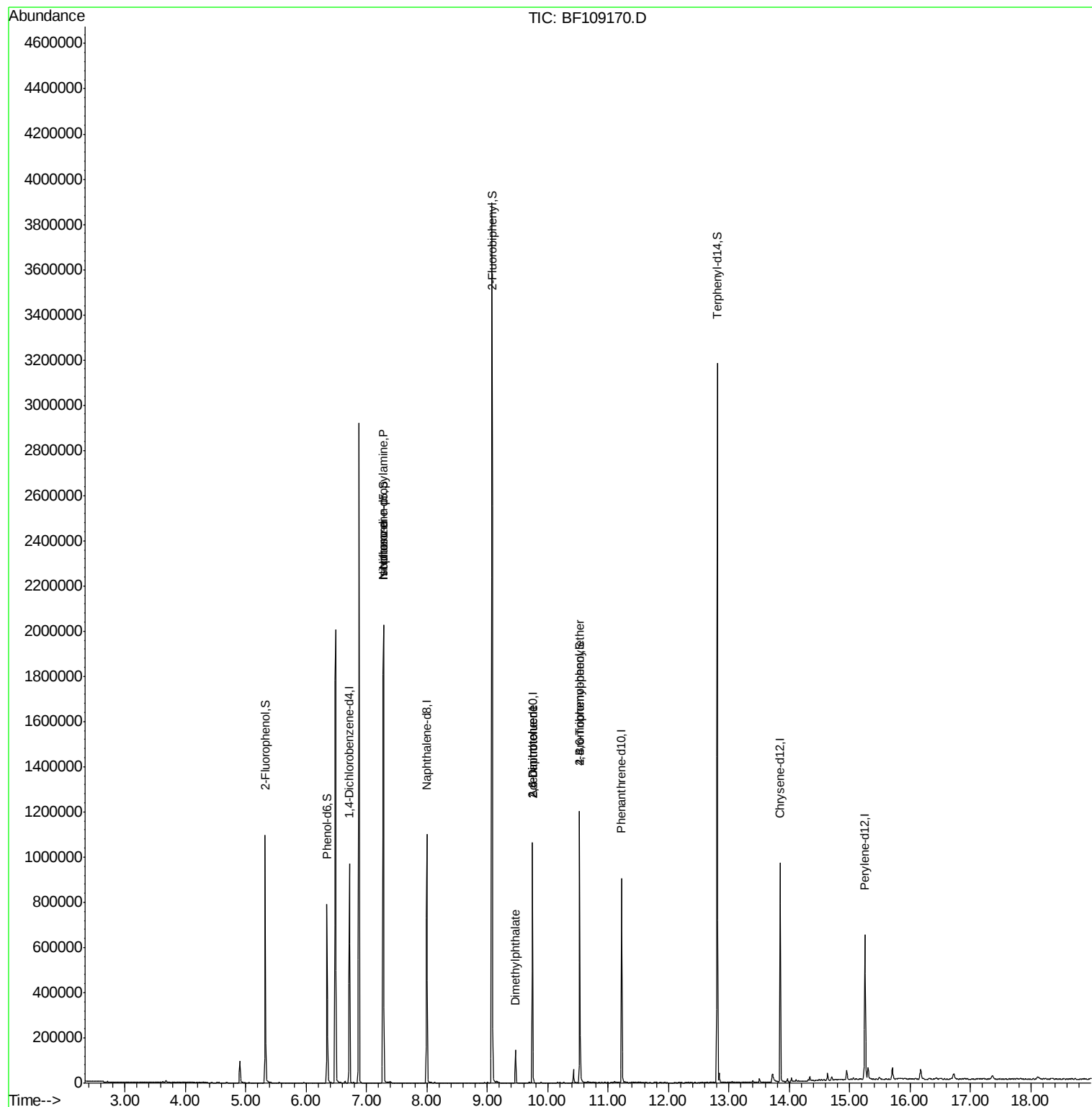
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	131280	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	461487	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	187166	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	324734	20.00	ng	0.00
75) Chrysene-d12	13.85	240	329770	20.00	ng	-0.01
86) Perylene-d12	15.25	264	288178	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	301302	38.12	ng	0.00
7) Phenol-d6	6.35	99	231893	22.75	ng	-0.01
23) Nitrobenzene-d5	7.28	82	730992	88.84	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	145782	71.77	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1211506	101.41	ng	0.00
78) Terphenyl-d14	12.81	244	1109701	79.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	98739	14.656	ng	# 74
25) Isophorone	7.28	82	725563	51.300	ng	# 64
49) Dimethylphthalate	9.47	163	58071	4.341	ng	100
50) 2,6-Dinitrotoluene	9.75	165	24107	8.126	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	24107	6.213	ng	# 23
66) 4-Bromophenyl-phenylether	10.53	248	8742	2.388	ng	# 1

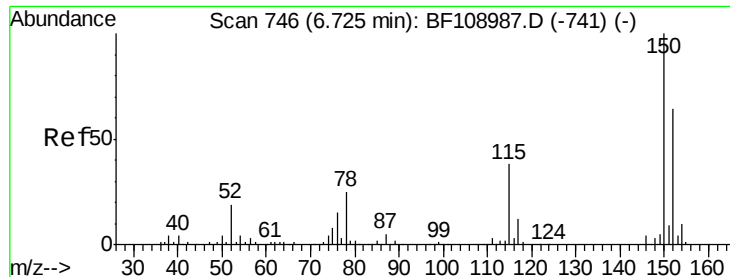
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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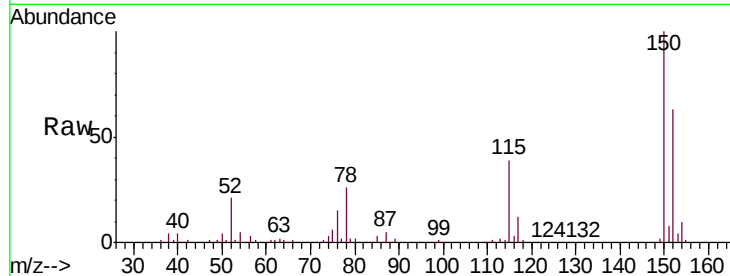


#1

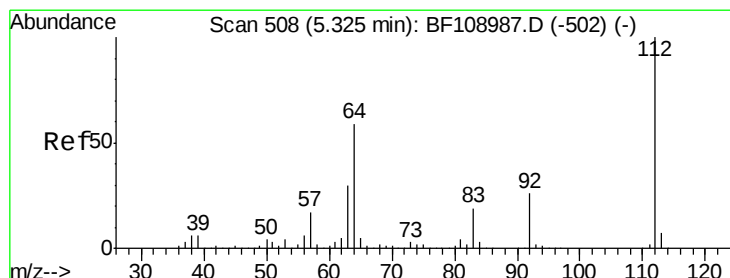
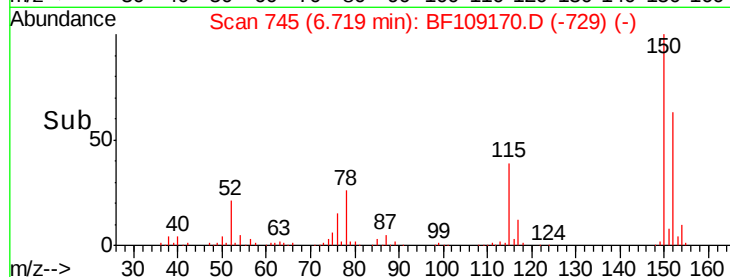
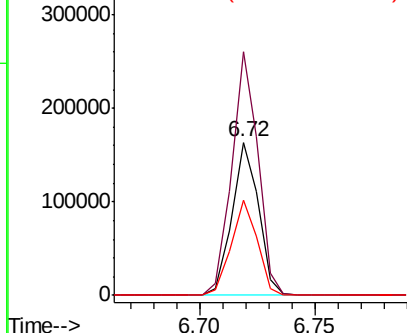
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109170.D
Acq: 20 Sep 2018 3:16

Instrument :
BNA_F
ClientSampleId :
091718-SIDI-E-U-S

Tgt Ion:152 Resp: 131280
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 62.3 50.1 75.1



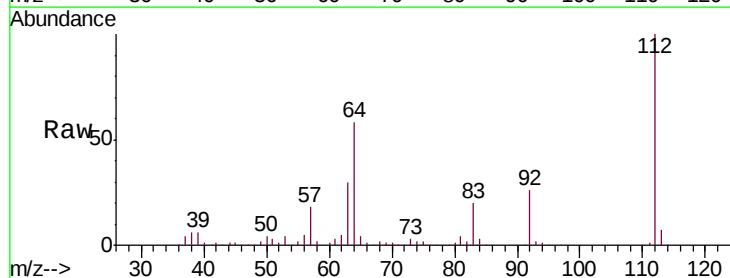
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



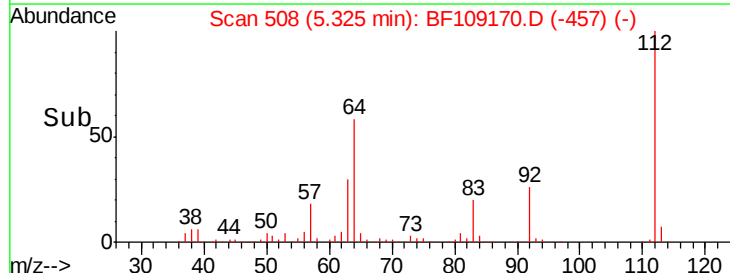
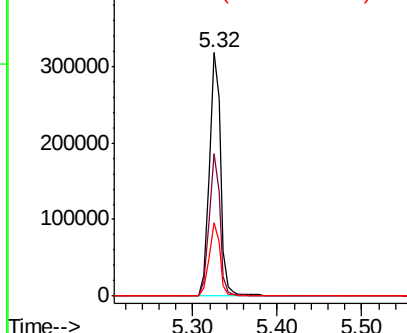
#5

2-Fluorophenol
Concen: 38.119 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109170.D
Acq: 20 Sep 2018 3:16

Tgt Ion:112 Resp: 301302
Ion Ratio Lower Upper
112 100
64 58.5 47.9 71.9
63 30.4 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: 22.752 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109170.D

Acq: 20 Sep 2018 3:16

Instrument :

BNA_F

ClientSampleId :

091718-SIDI-E-U-S

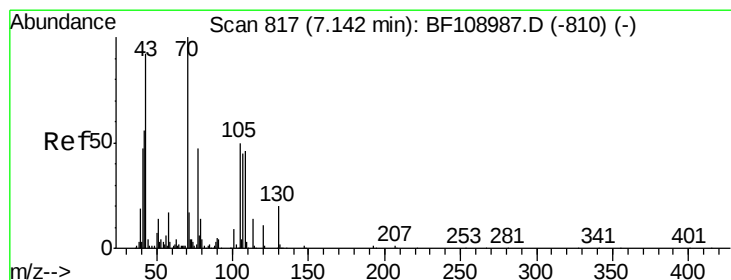
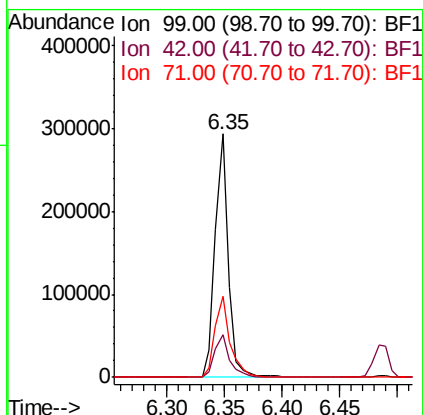
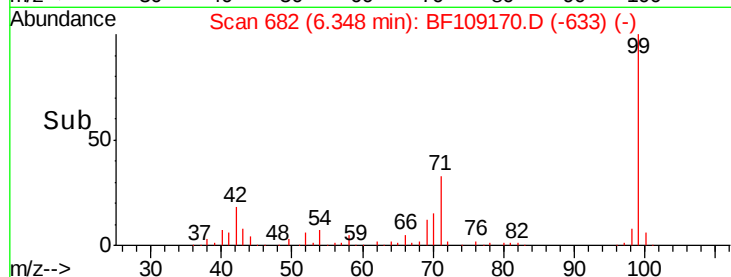
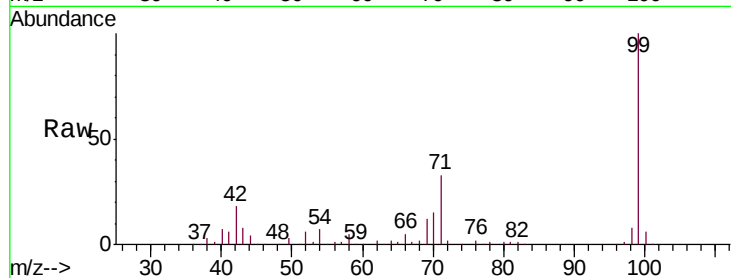
Tgt Ion: 99 Resp: 231893

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

71 33.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.656 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.14 min

Lab File: BF109170.D

Acq: 20 Sep 2018 3:16

Tgt Ion: 70 Resp: 98739

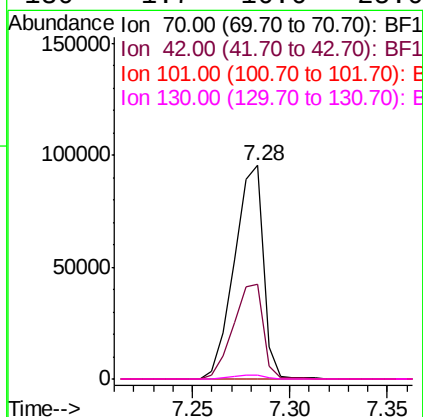
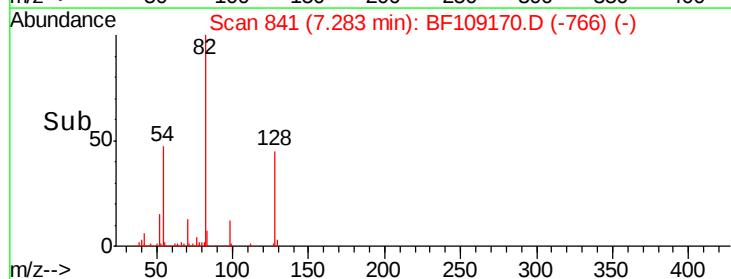
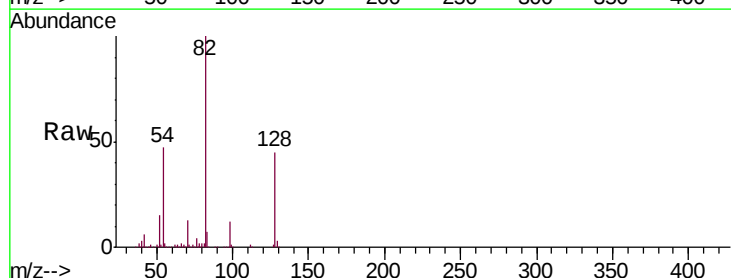
Ion Ratio Lower Upper

70 100

42 44.2 47.5 71.3#

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#

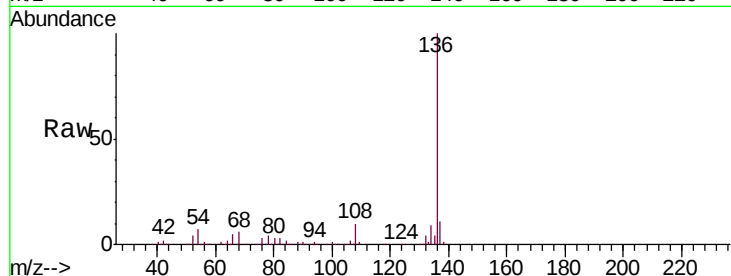




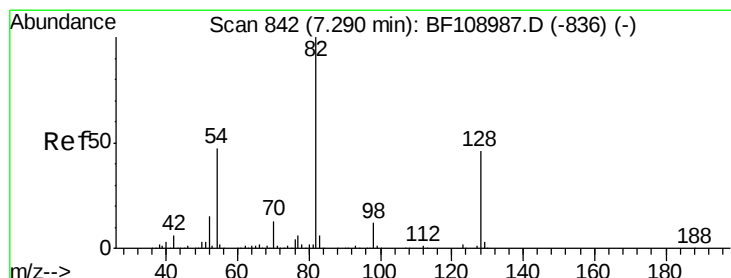
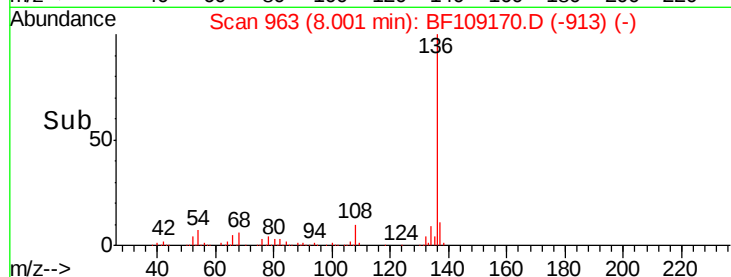
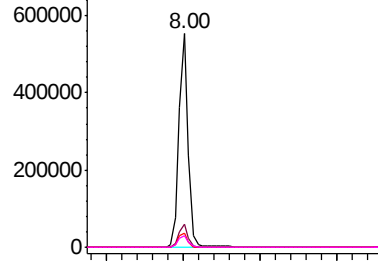
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109170.D
Acq: 20 Sep 2018 3:16

Instrument :
BNA_F
ClientSampleId :
091718-SIDI-E-U-S

Tgt Ion:	136	Resp:	461487
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.9	6.6	9.8
68	5.7	5.0	7.4

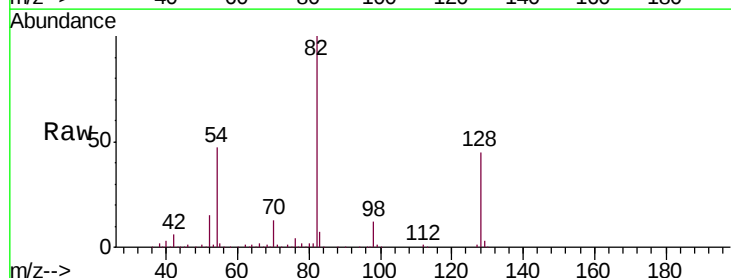


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

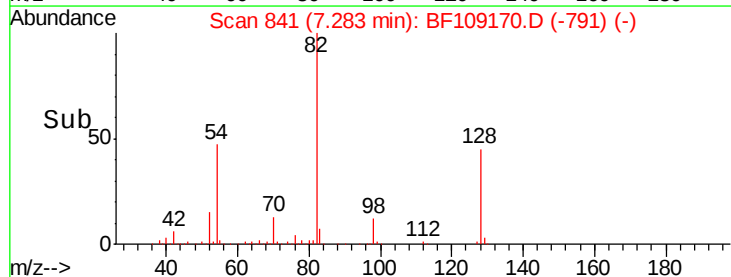
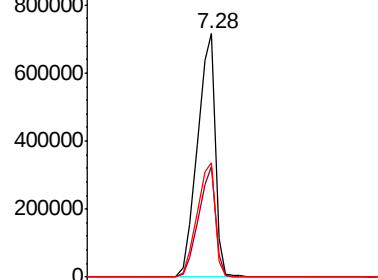


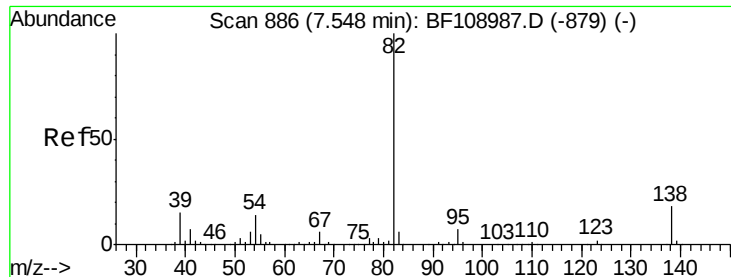
#23
Nitrobenzene-d5
Concen: 88.843 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109170.D
Acq: 20 Sep 2018 3:16

Tgt Ion:	82	Resp:	730992
Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	46.7	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: 51.300 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.26 min

Lab File: BF109170.D

Acq: 20 Sep 2018 3:16

Instrument :

BNA_F

ClientSampleId :

091718-SIDI-E-U-S

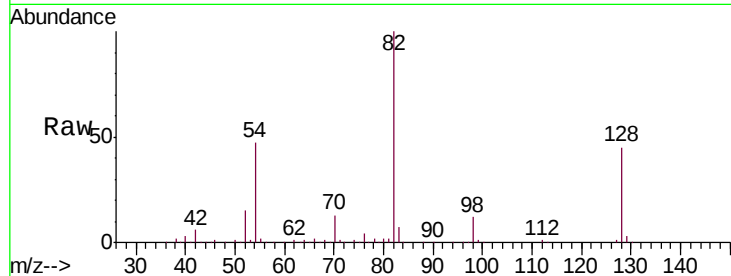
Tgt Ion: 82 Resp: 725563

Ion Ratio Lower Upper

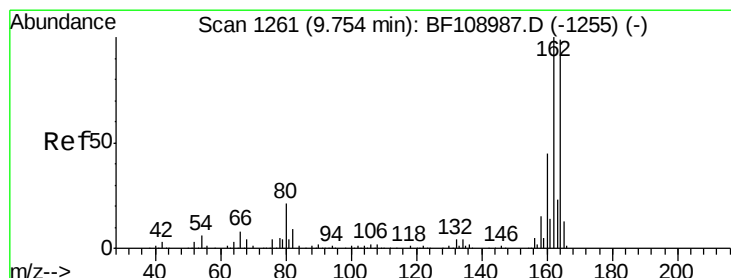
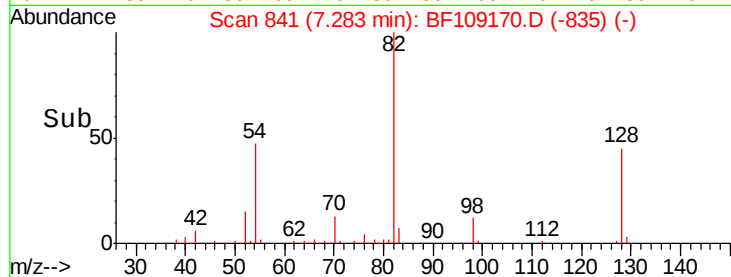
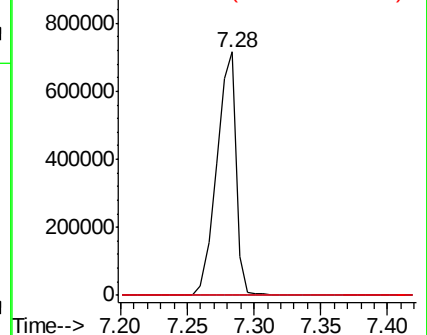
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109170.D

Acq: 20 Sep 2018 3:16

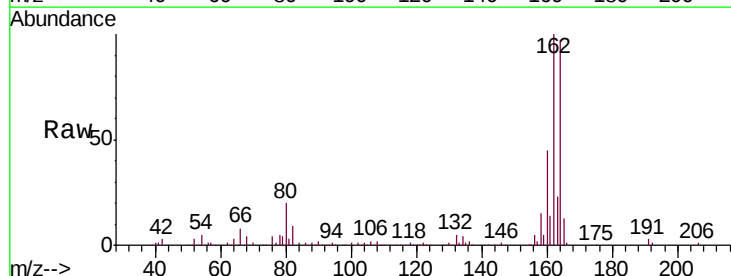
Tgt Ion: 164 Resp: 187166

Ion Ratio Lower Upper

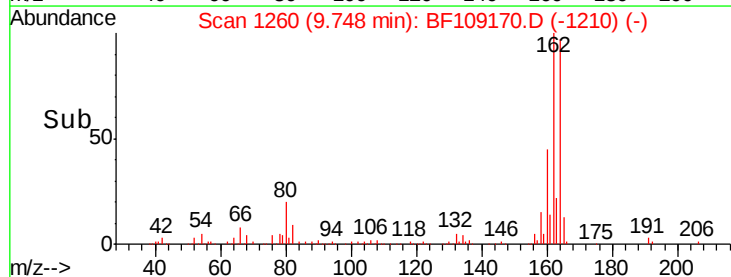
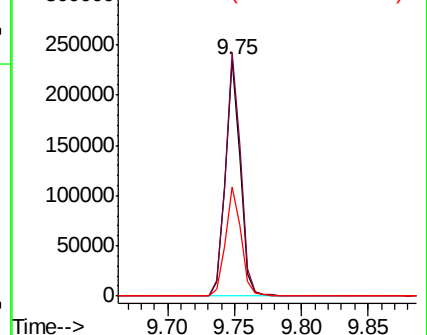
164 100

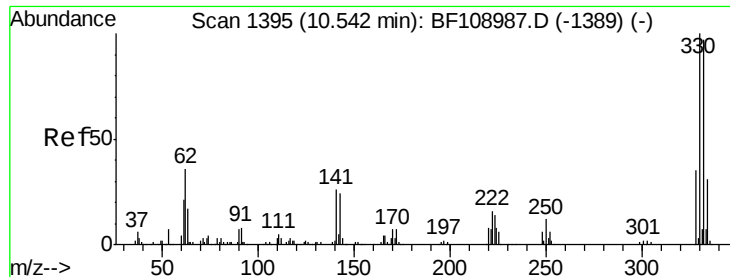
162 103.0 86.1 129.1

160 46.3 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

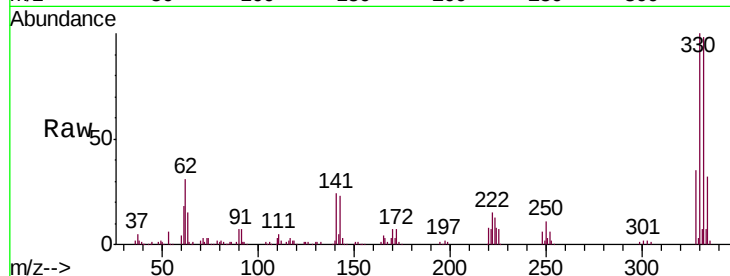




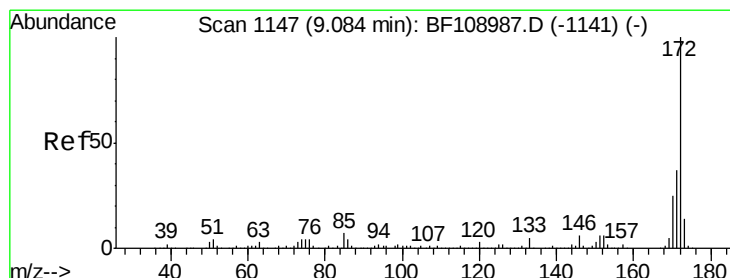
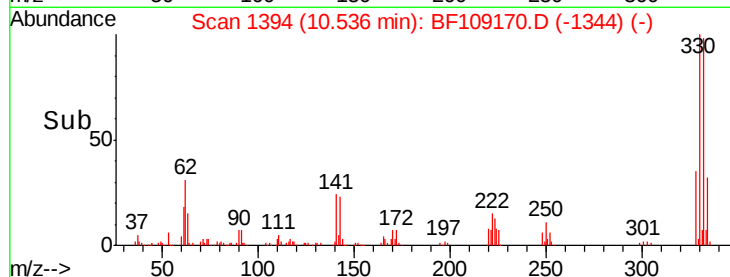
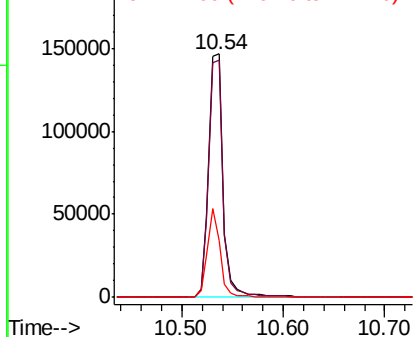
#41
 2,4,6-Tribromophenol
 Concen: 71.770 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109170.D
 Acq: 20 Sep 2018 3:16

Instrument :
 BNA_F
 ClientSampleId :
 091718-SIDI-E-U-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.1	29.9	44.9

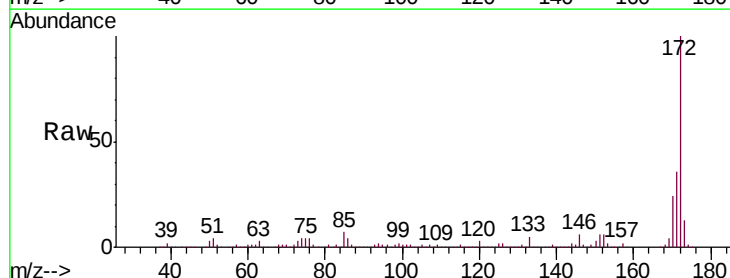


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

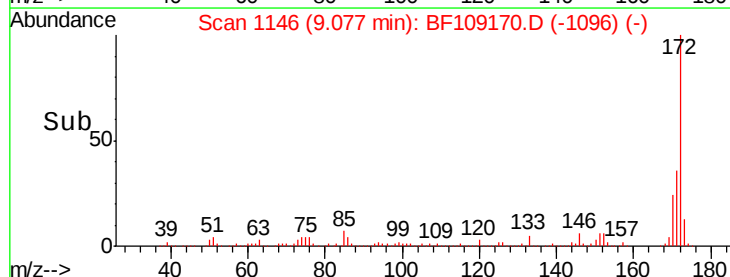
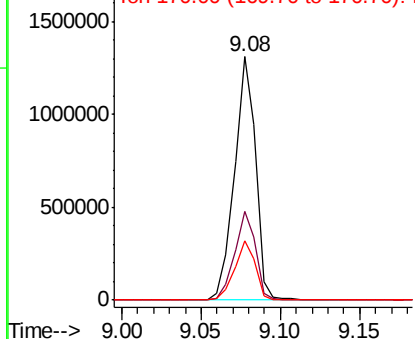


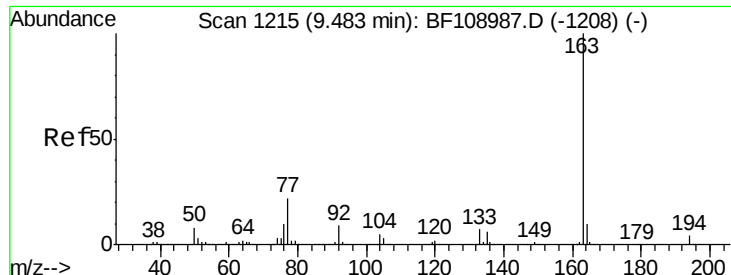
#44
 2-Fluorobiphenyl
 Concen: 101.413 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109170.D
 Acq: 20 Sep 2018 3:16

Tgt 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

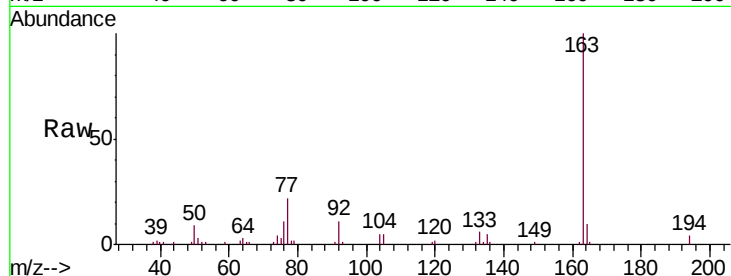




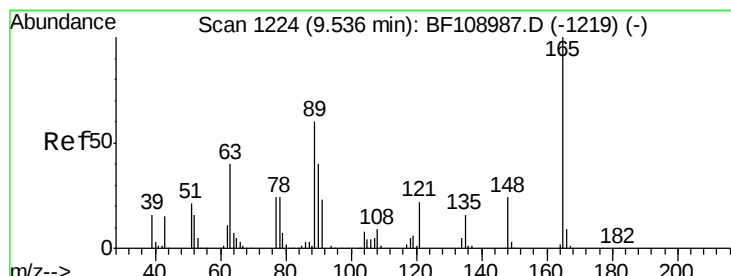
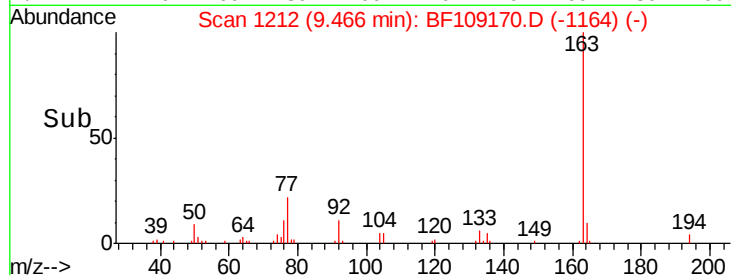
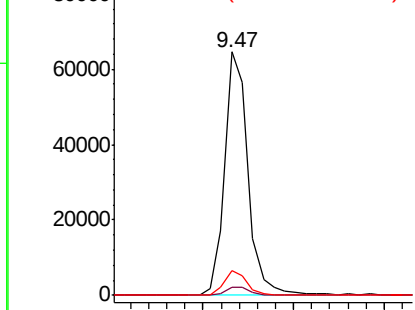
#49
Dimethylphthalate
Concen: 4.341 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109170.D
Acq: 20 Sep 2018 3:16

Instrument :
BNA_F
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091718-SIDI-E-U-S

Tgt Ion:163 Resp: 58071
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2

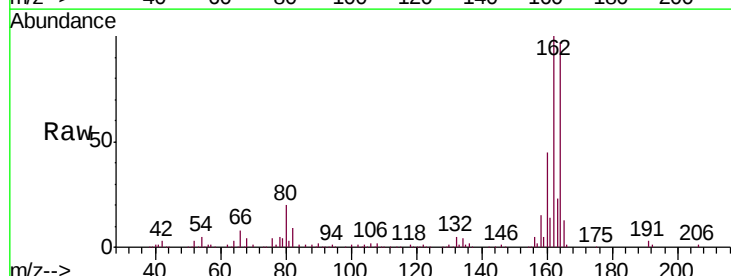


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

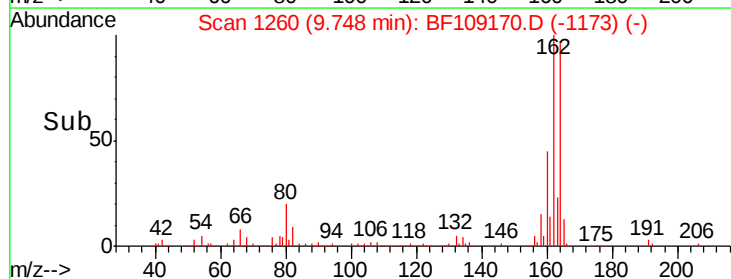
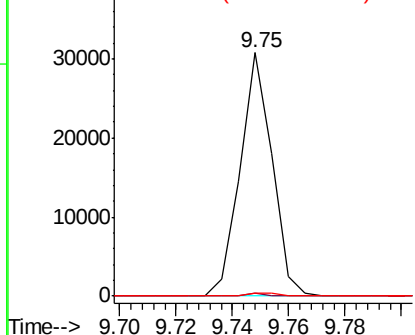


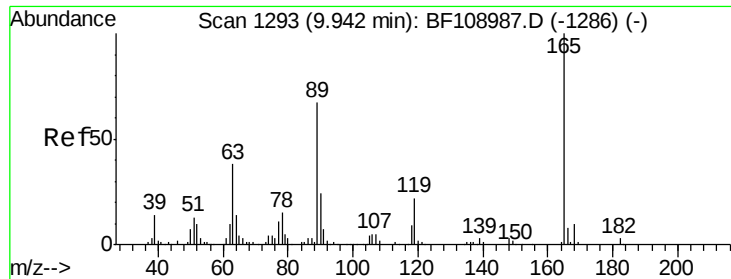
#50
2,6-Dinitrotoluene
Concen: 8.126 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109170.D
Acq: 20 Sep 2018 3:16

Tgt Ion:165 Resp: 24107
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.3 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

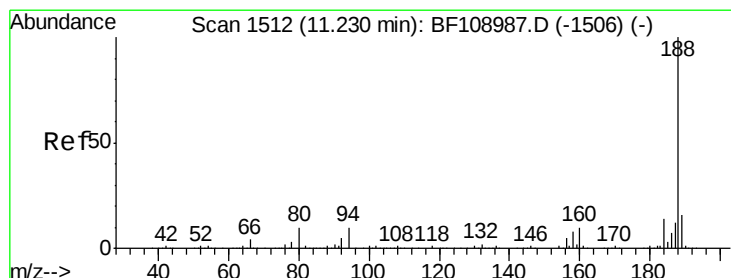
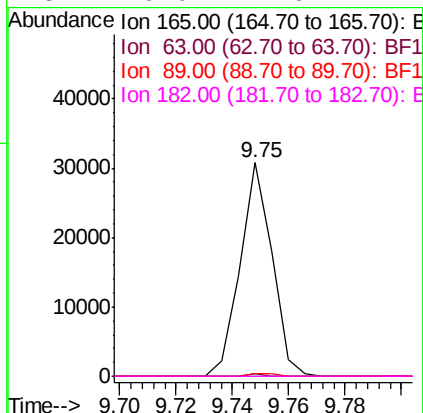
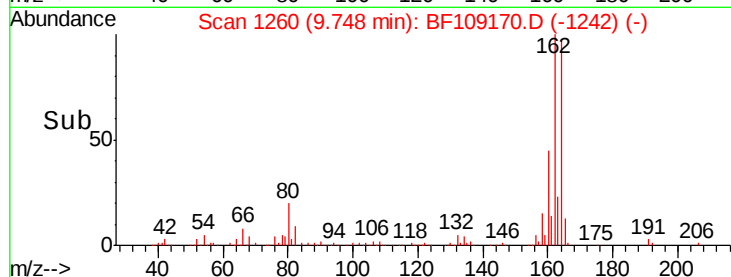
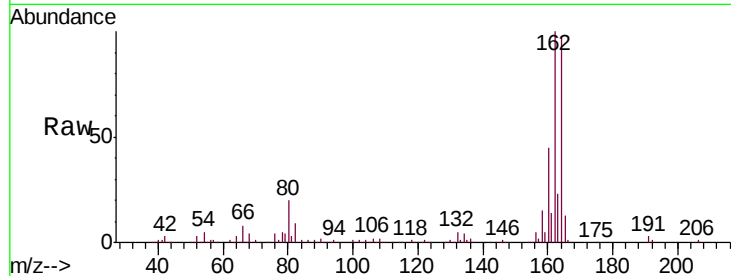




#56
 2,4-Dinitrotoluene
 Concen: 6.213 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109170.D
 Acq: 20 Sep 2018 3:16

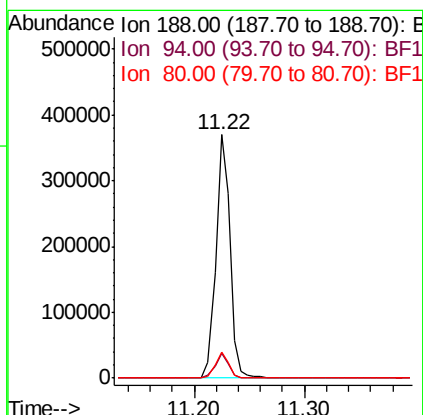
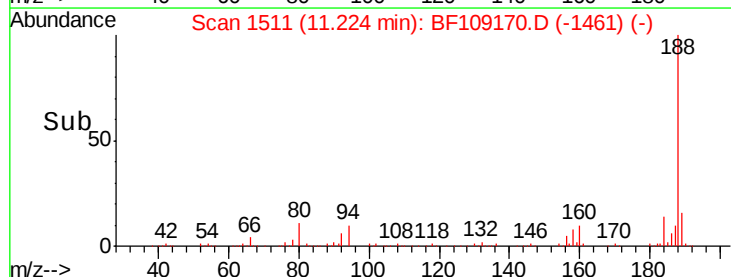
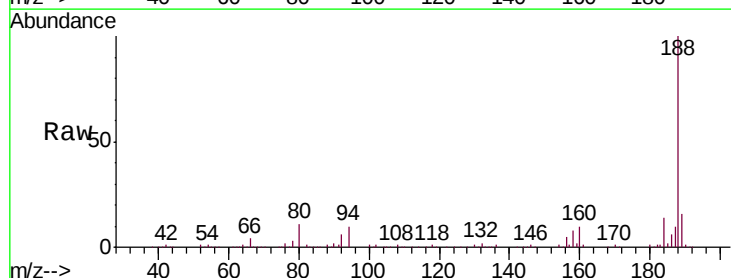
Instrument :
 BNA_F
 ClientSampleId :
 091718-SIDI-E-U-S

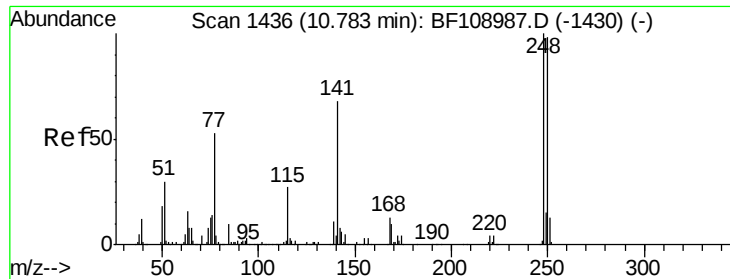
Tgt Ion:	165	Resp:	24107
Ion Ratio	Lower	Upper	
165	100		
63	1.3	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109170.D
 Acq: 20 Sep 2018 3:16

Tgt Ion:	188	Resp:	324734
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.5	12.7
80	10.8	9.2	13.8

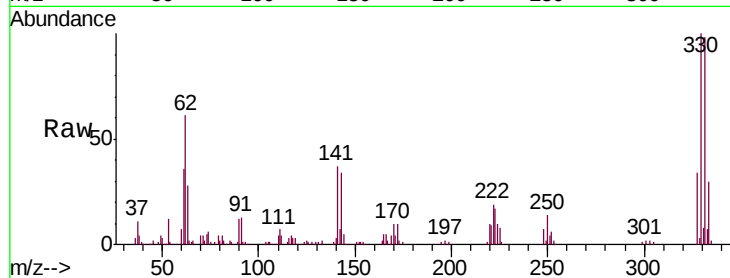




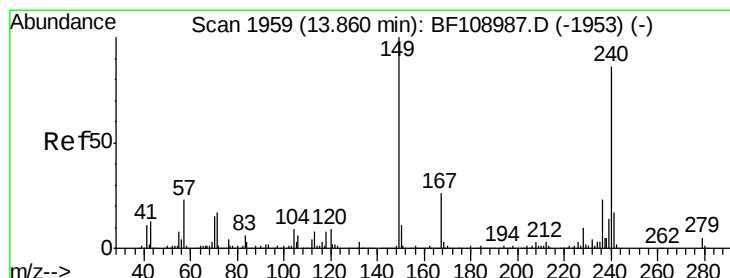
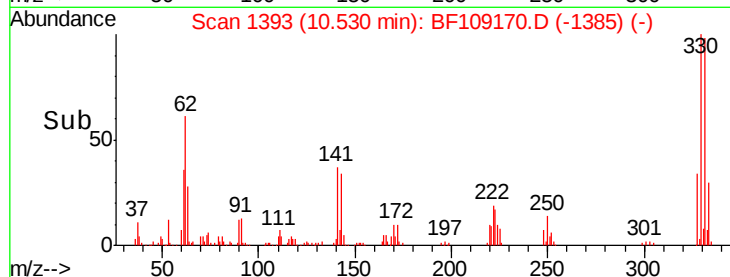
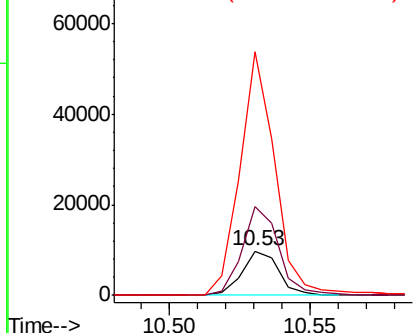
#66
4-Bromophenyl-phenylether
Concen: 2.388 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.25 min
Lab File: BF109170.D
Acq: 20 Sep 2018 3:16

Instrument :
BNA_F
ClientSampleId :
091718-SIDI-E-U-S

Tgt Ion:248 Resp: 8742
Ion Ratio Lower Upper
248 100
250 201.1 76.9 115.3#
141 550.7 74.4 111.6#

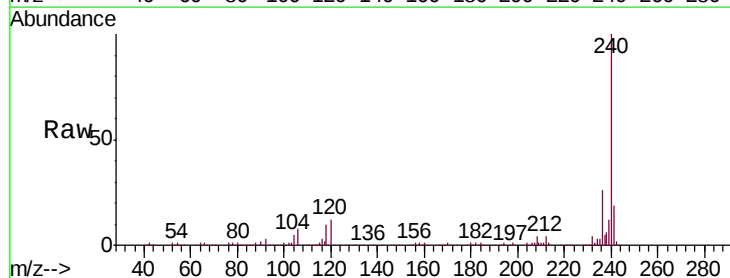


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

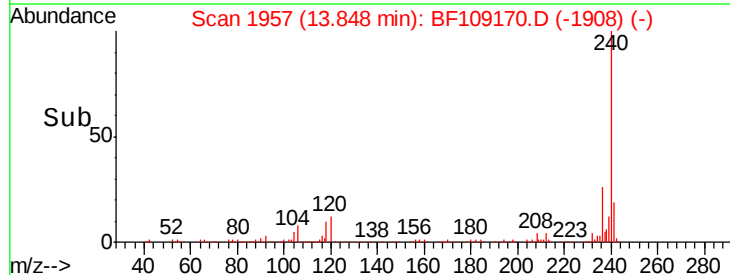
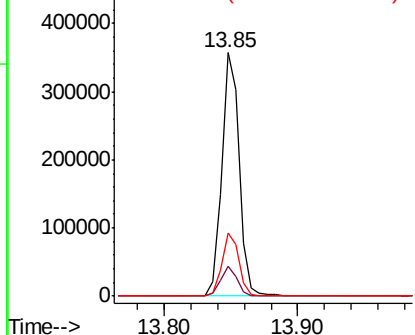


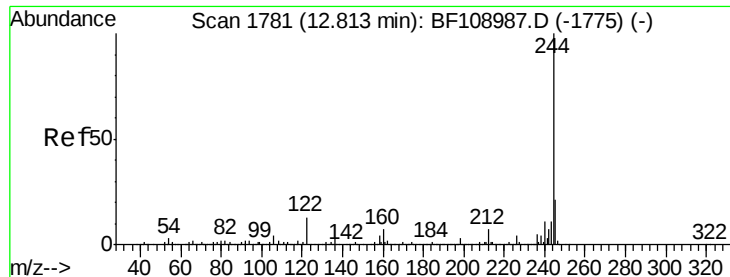
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109170.D
Acq: 20 Sep 2018 3:16

Tgt Ion:240 Resp: 329770
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 25.7 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

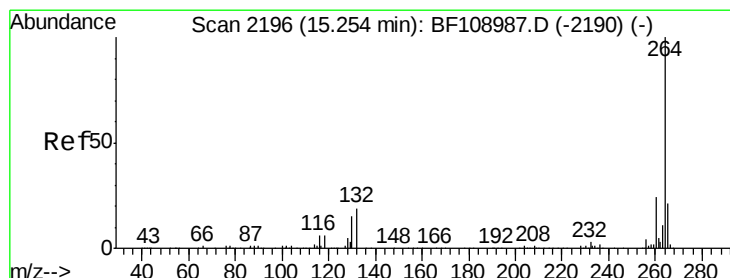
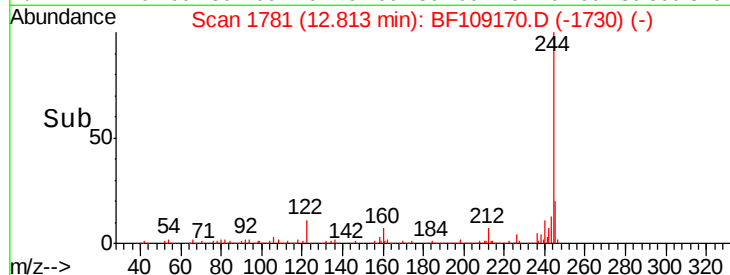
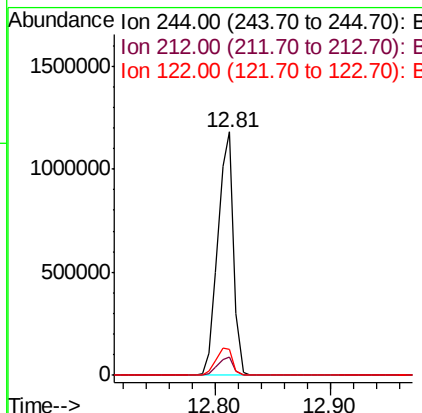
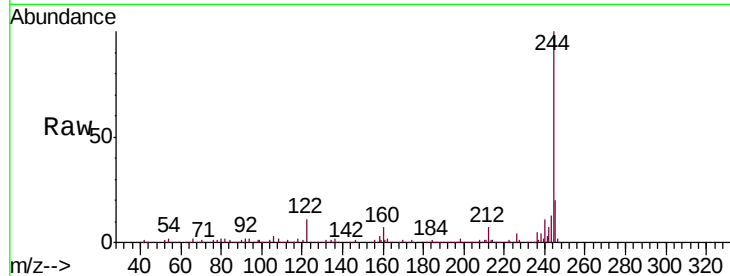




#78
 Terphenyl-d14
 Concen: 79.761 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF109170.D
 Acq: 20 Sep 2018 3:16

Instrument :
 BNA_F
 ClientSampleId :
 091718-SIDI-E-U-S

Tgt Ion:244 Resp: 1109701
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 10.6 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109170.D
 Acq: 20 Sep 2018 3:16

Tgt Ion:264 Resp: 288178
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.9 17.5 26.3

