

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
 Data File : BF109168.D
 Acq On : 20 Sep 2018 2:22
 Operator : JU/SJ
 Sample : J4984-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Sep 20 07:37:23 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

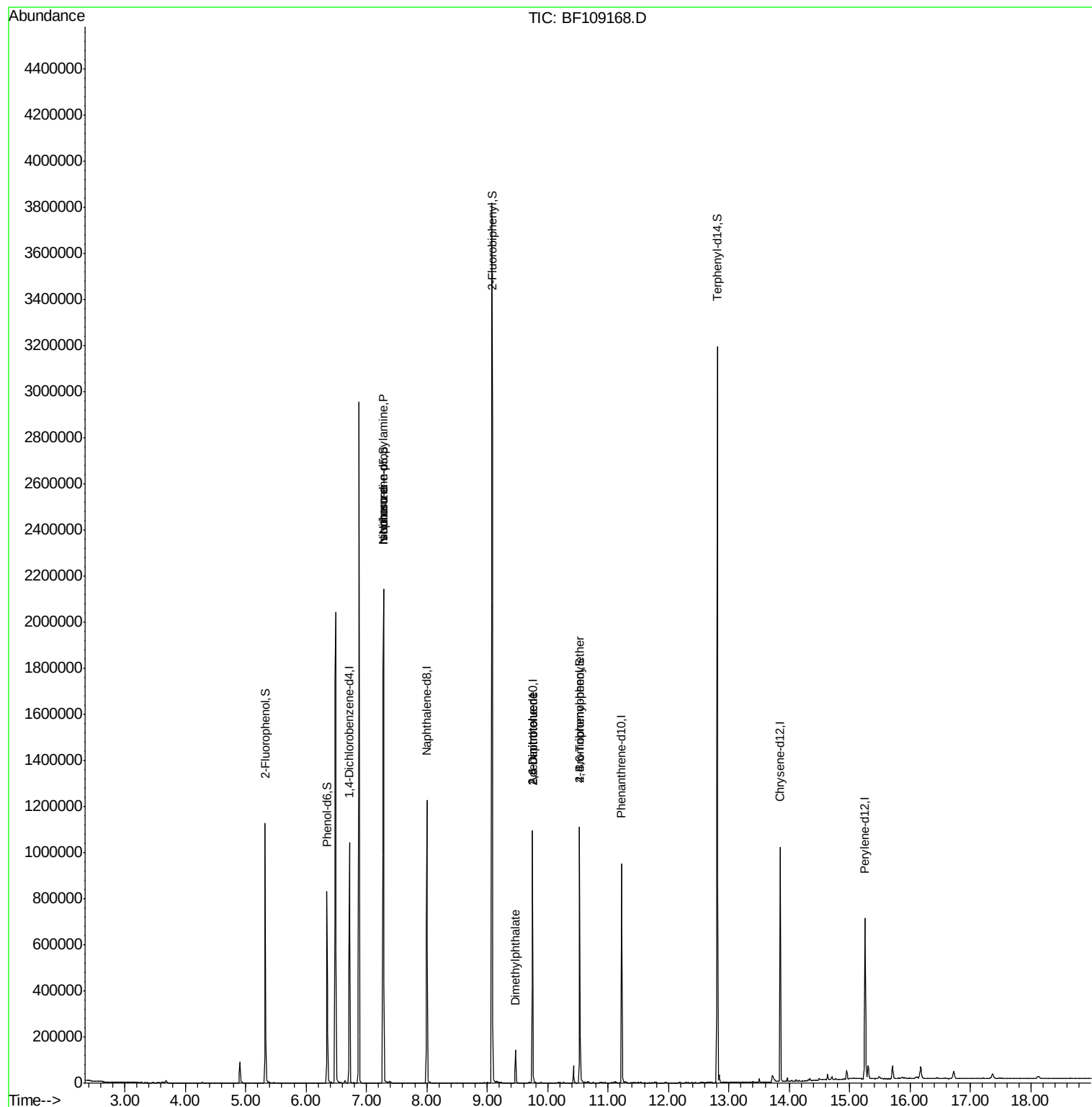
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144037	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	495547	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	198949	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	334423	20.00	ng	0.00
75) Chrysene-d12	13.85	240	362705	20.00	ng	-0.01
86) Perylene-d12	15.25	264	315055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	311438	35.91	ng	0.00
7) Phenol-d6	6.35	99	241095	21.56	ng	-0.01
23) Nitrobenzene-d5	7.28	82	740142	83.77	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	137668	63.76	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1198610	94.39	ng	0.00
78) Terphenyl-d14	12.81	244	1114603	72.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	98543	13.332	ng	# 75
25) Isophorone	7.28	82	734994	48.395	ng	# 64
49) Dimethylphthalate	9.47	163	60678	4.267	ng	# 99
50) 2,6-Dinitrotoluene	9.75	165	24949	7.912	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	24949	6.050	ng	# 24
66) 4-Bromophenyl-phenylether	10.53	248	8399	2.228	ng	# 1

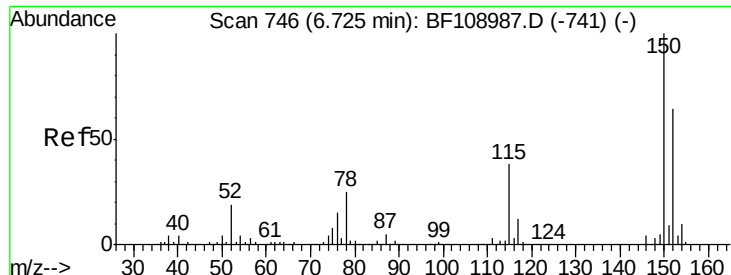
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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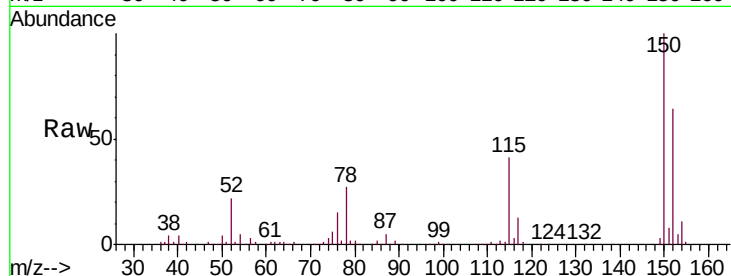




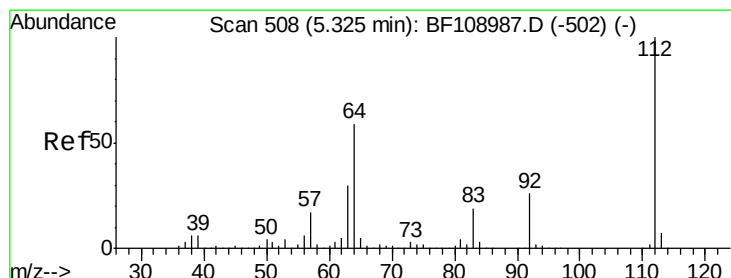
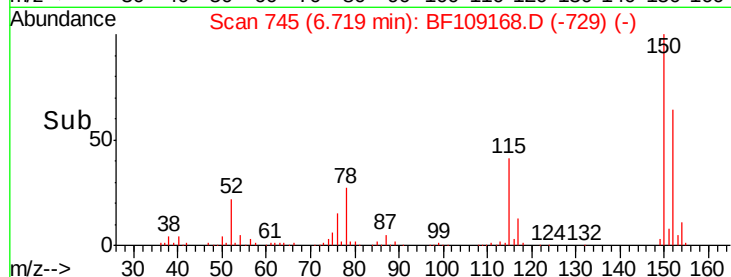
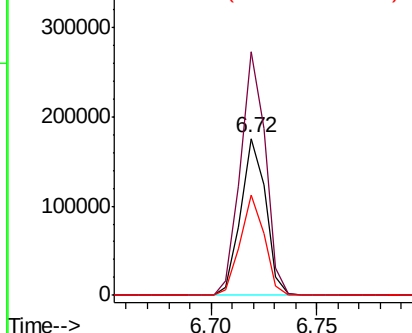
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109168.D
 Acq: 20 Sep 2018 2:22

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

Tgt Ion:152 Resp: 144037
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.6 186.8
 115 63.9 50.1 75.1

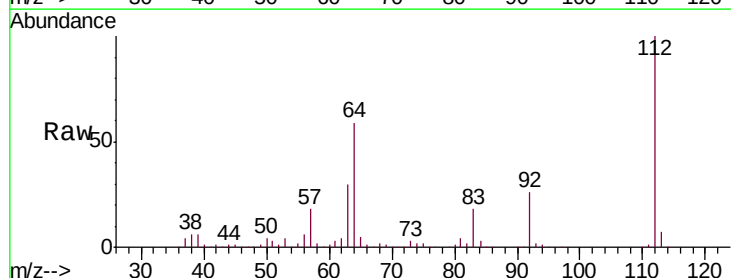


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

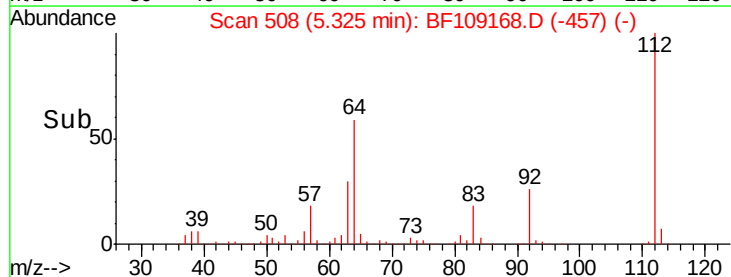
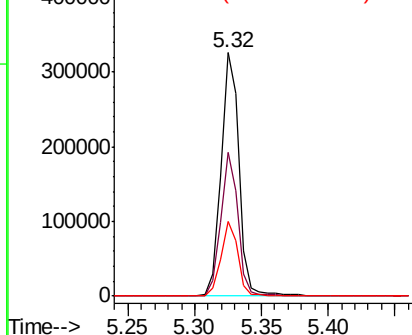


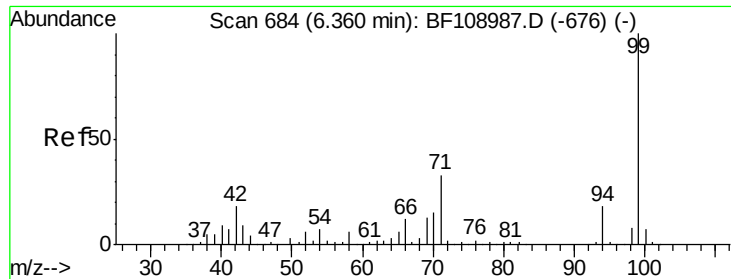
#5
 2-Fluorophenol
 Concen: 35.912 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109168.D
 Acq: 20 Sep 2018 2:22

Tgt Ion:112 Resp: 311438
 Ion Ratio Lower Upper
 112 100
 64 58.9 47.9 71.9
 63 30.5 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: 21.560 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109168.D

Acq: 20 Sep 2018 2:22

Instrument :

BNA_F

ClientSampleId :

091718-SIDI-E-D-S

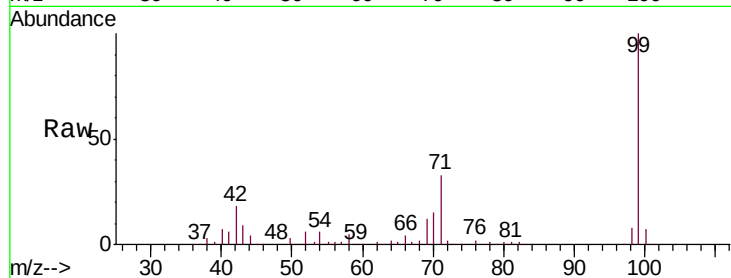
Tgt Ion: 99 Resp: 241095

Ion Ratio Lower Upper

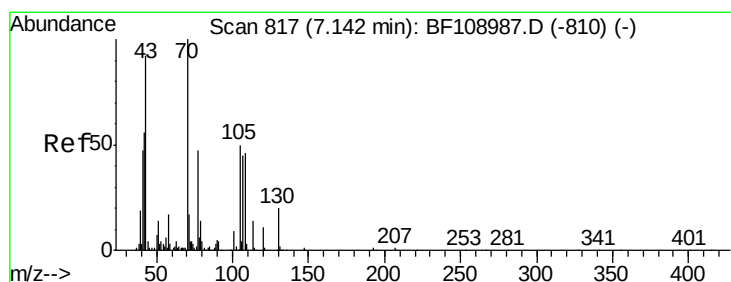
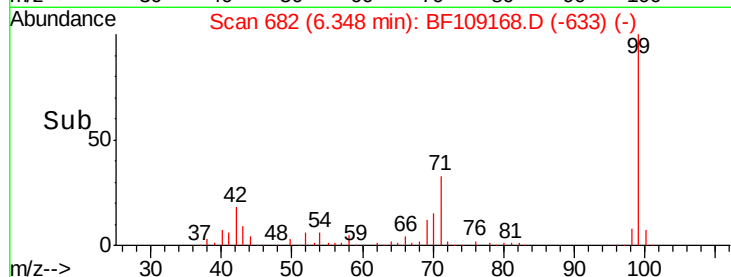
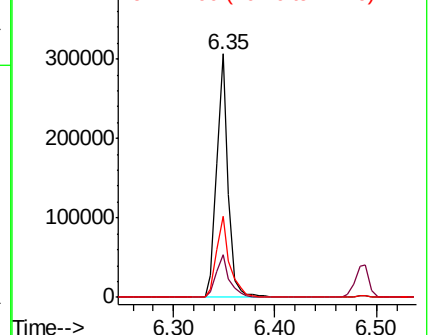
99 100

42 17.6 14.5 21.7

71 33.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.332 ng

RT: 7.28 min Scan# 841

Delta R.T. 0.14 min

Lab File: BF109168.D

Acq: 20 Sep 2018 2:22

Tgt Ion: 70 Resp: 98543

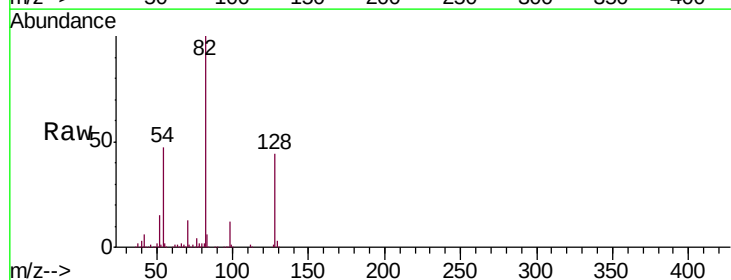
Ion Ratio Lower Upper

70 100

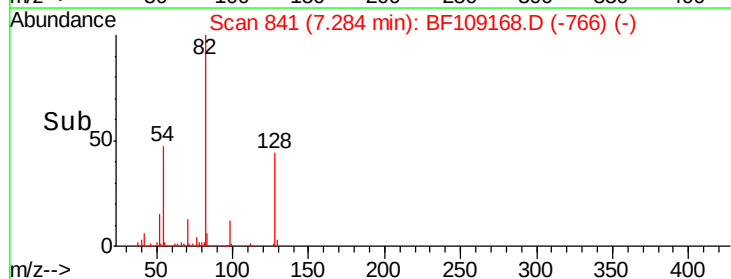
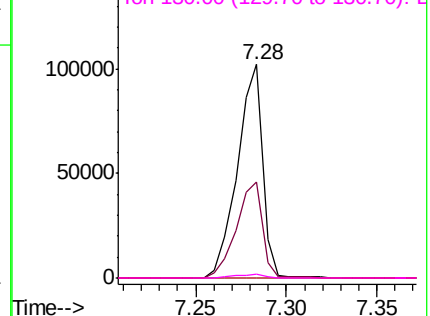
42 44.8 47.5 71.3#

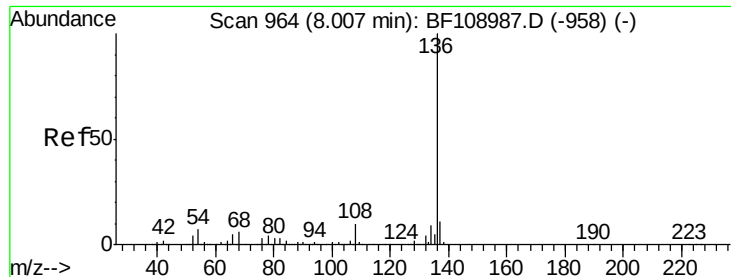
101 0.0 7.4 11.2#

130 2.0 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

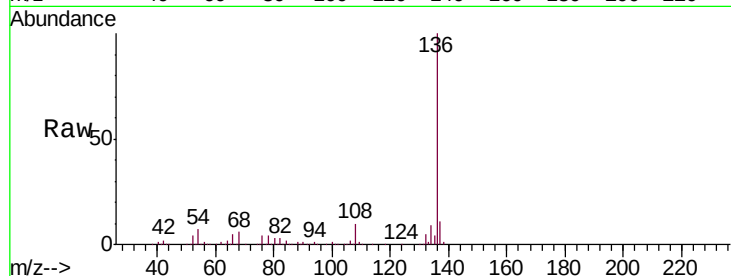




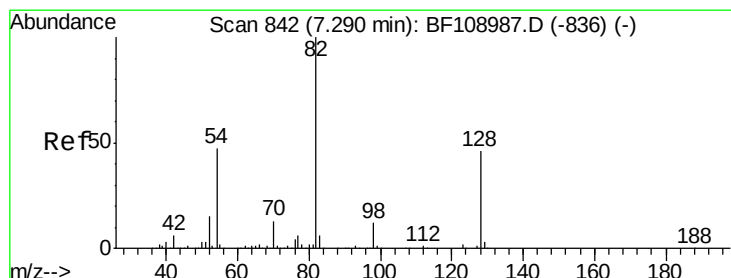
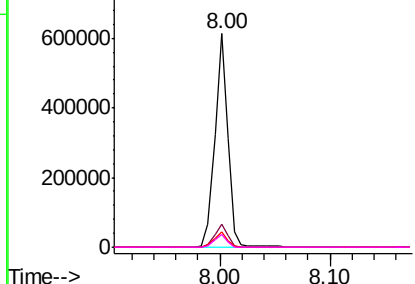
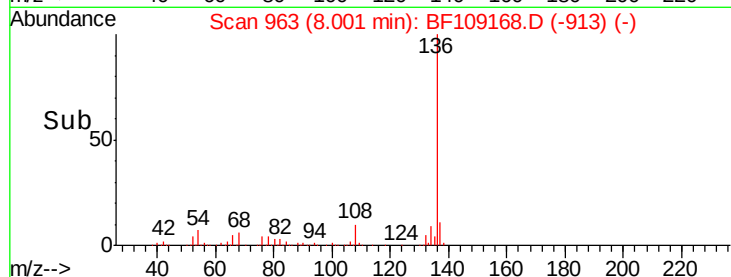
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109168.D
Acq: 20 Sep 2018 2:22

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

Tgt Ion:	136	Resp:	495547
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.3	6.6	9.8
68	5.8	5.0	7.4

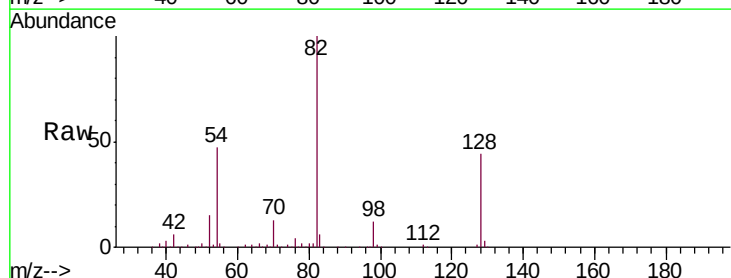


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

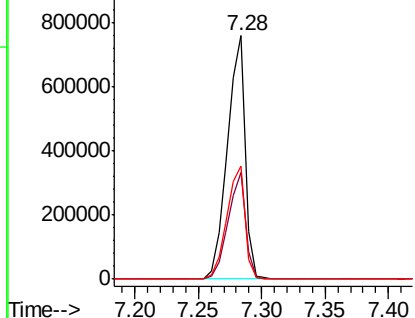
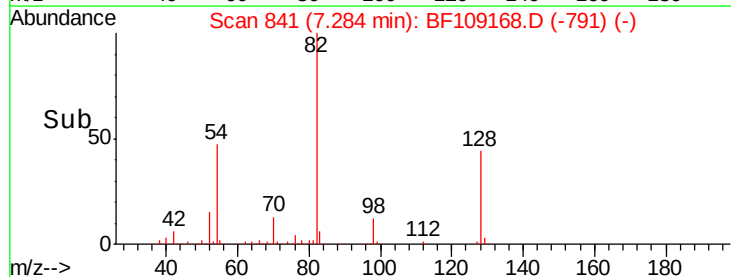


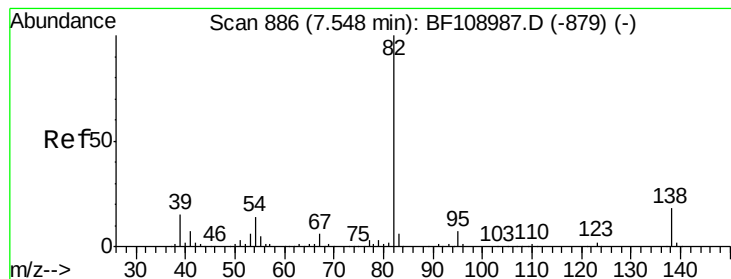
#23
Nitrobenzene-d5
Concen: 83.773 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109168.D
Acq: 20 Sep 2018 2:22

Tgt Ion:	82	Resp:	740142
Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	46.5	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: 48.395 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.26 min

Lab File: BF109168.D

Acq: 20 Sep 2018 2:22

Instrument :

BNA_F

ClientSampleId :

091718-SIDI-E-D-S

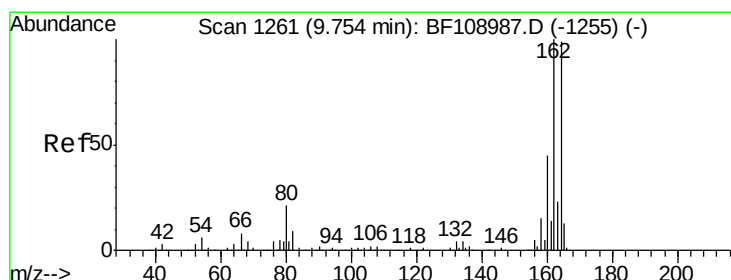
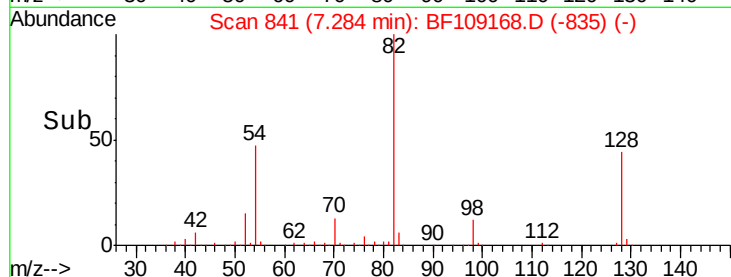
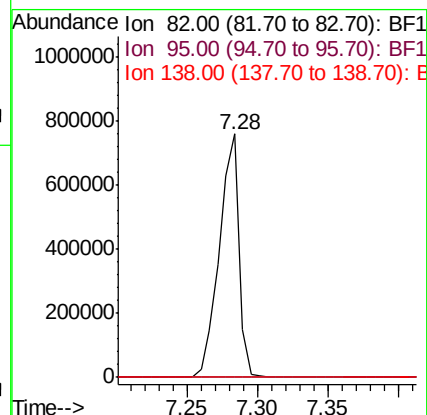
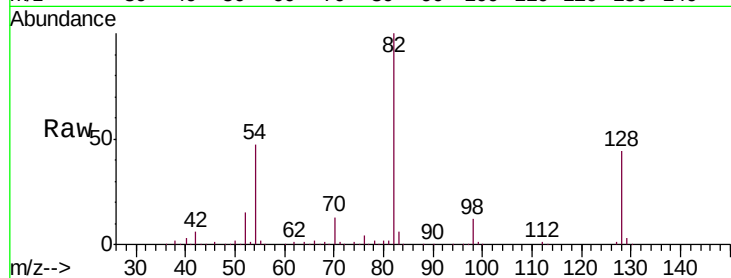
Tgt Ion: 82 Resp: 734994

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: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109168.D

Acq: 20 Sep 2018 2:22

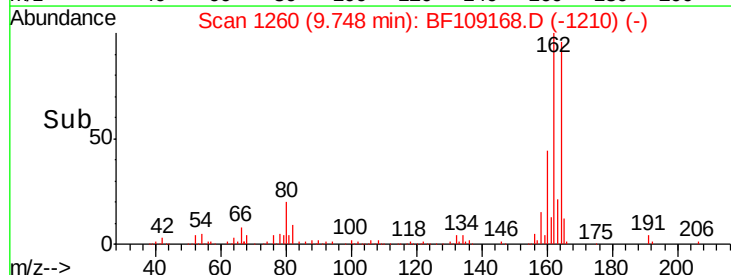
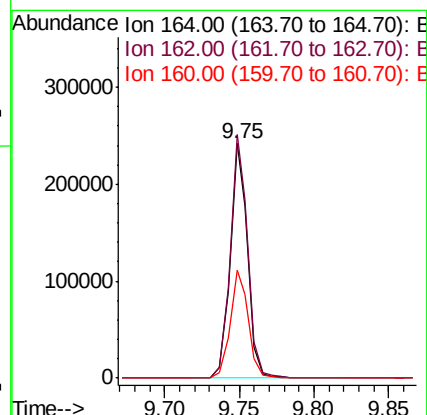
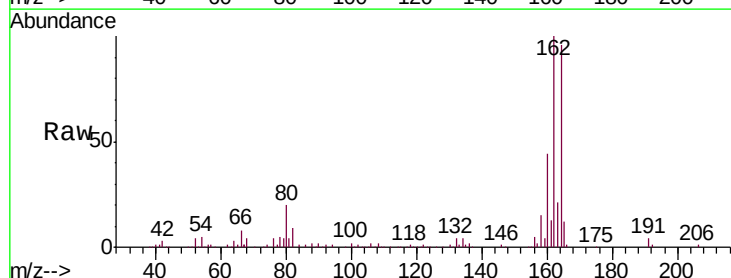
Tgt Ion: 164 Resp: 198949

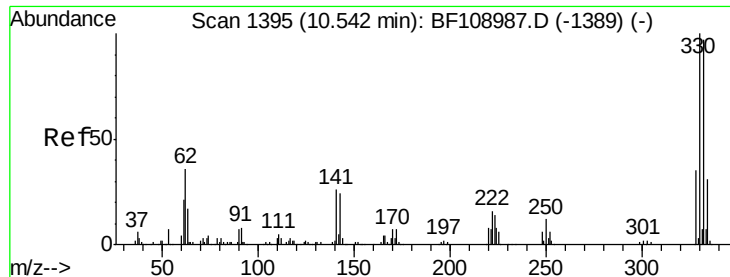
Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

160 46.1 38.3 57.5

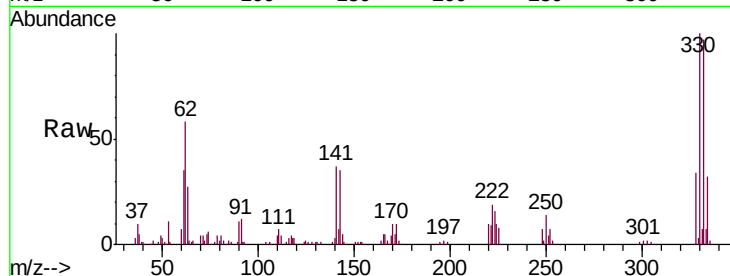




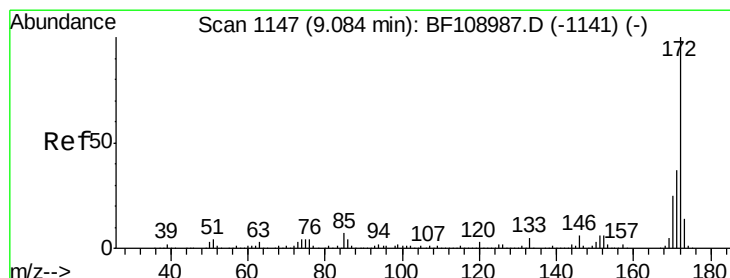
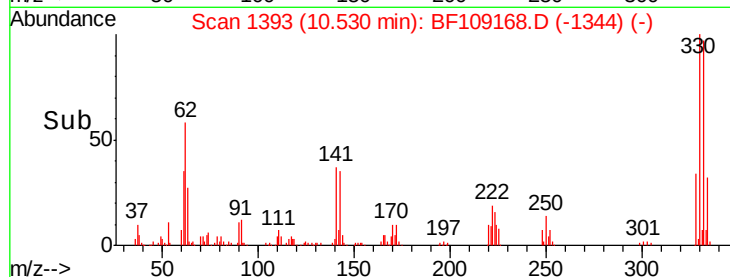
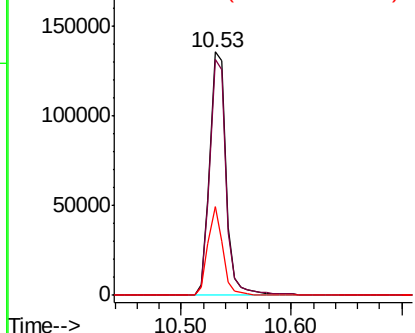
#41
 2,4,6-Tribromophenol
 Concen: 63.761 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109168.D
 Acq: 20 Sep 2018 2:22

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

Tgt Ion:330 Resp: 137668
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 32.7 29.9 44.9

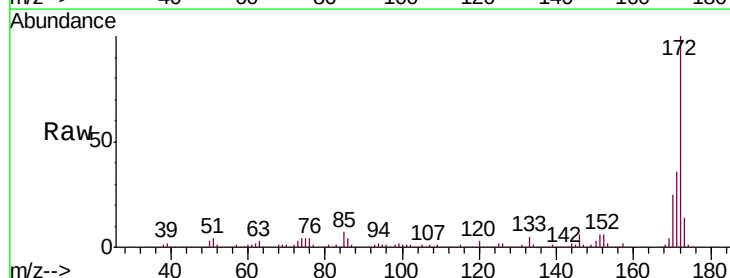


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

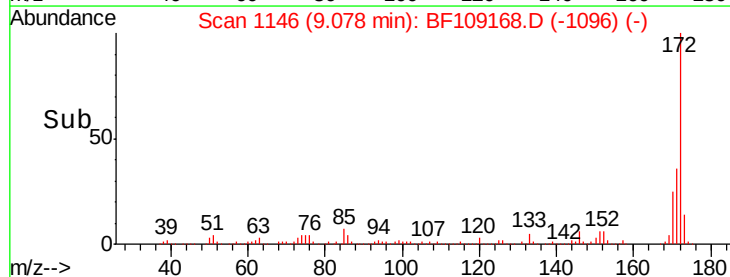
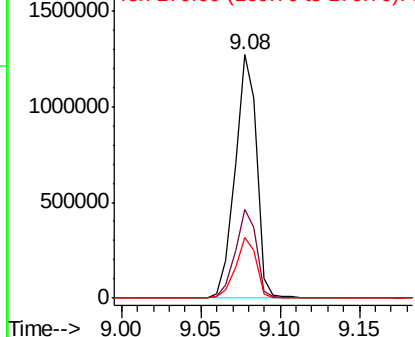


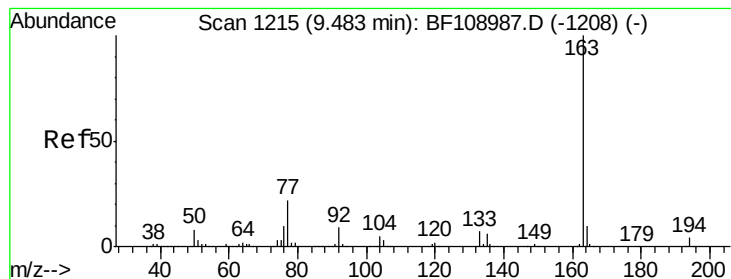
#44
 2-Fluorobiphenyl
 Concen: 94.391 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109168.D
 Acq: 20 Sep 2018 2:22

Tgt Ion:172 Resp: 1198610
 Ion Ratio Lower Upper
 172 100
 171 36.2 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: 4.267 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF109168.D

Acq: 20 Sep 2018 2:22

Instrument :

BNA_F

ClientSampleId :

091718-SIDI-E-D-S

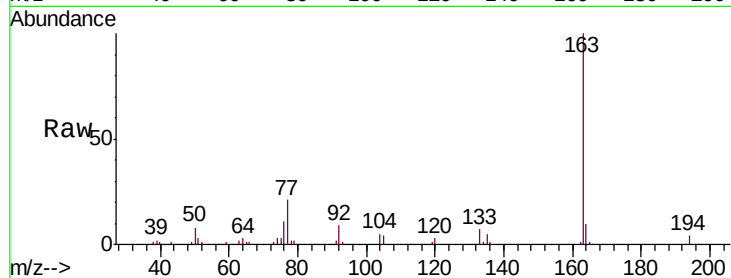
Tgt Ion:163 Resp: 60678

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

164 10.4 8.2 12.2



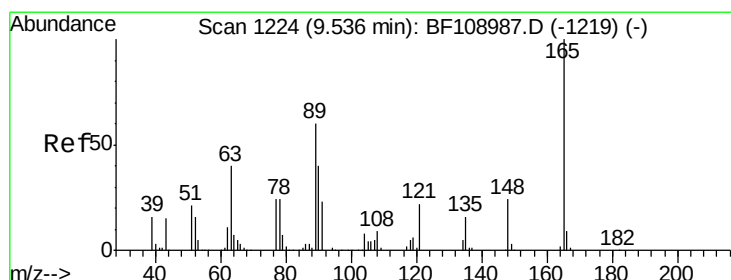
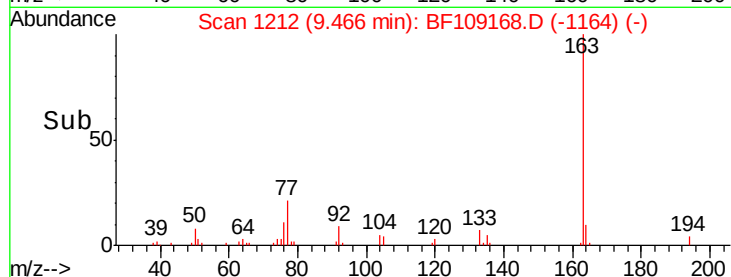
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.47

Time-->



#50

2,6-Dinitrotoluene

Concen: 7.912 ng

RT: 9.75 min Scan# 1260

Delta R.T. 0.21 min

Lab File: BF109168.D

Acq: 20 Sep 2018 2:22

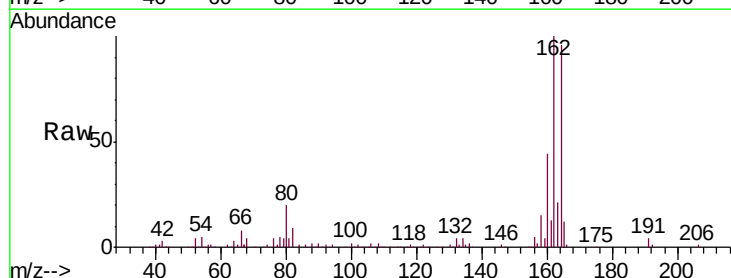
Tgt Ion:165 Resp: 24949

Ion Ratio Lower Upper

165 100

63 1.8 44.7 67.1#

89 1.8 44.0 66.0#



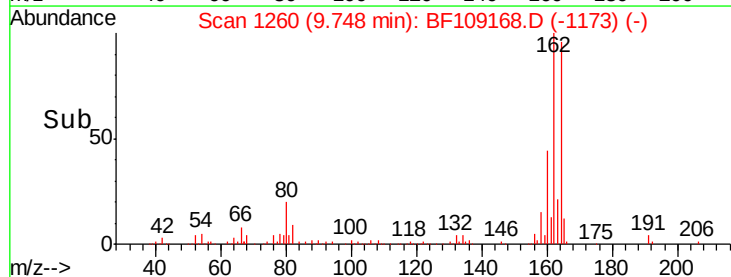
Abundance Ion 165.00 (164.70 to 165.70): E

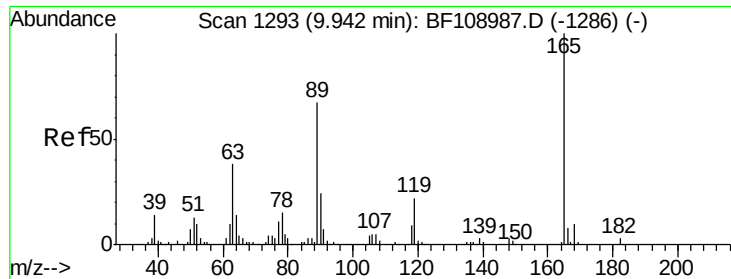
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

9.75

Time-->

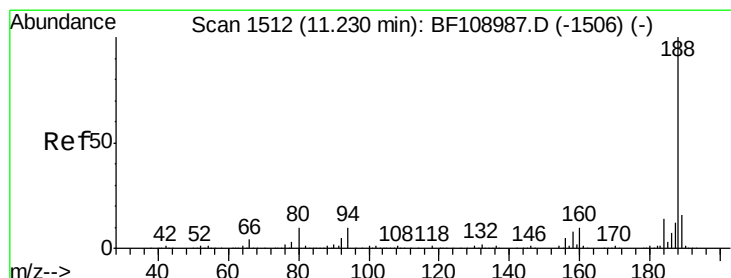
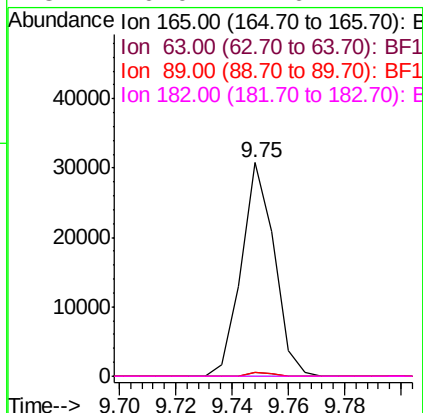
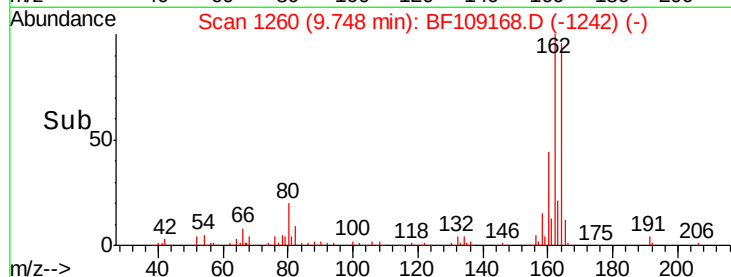
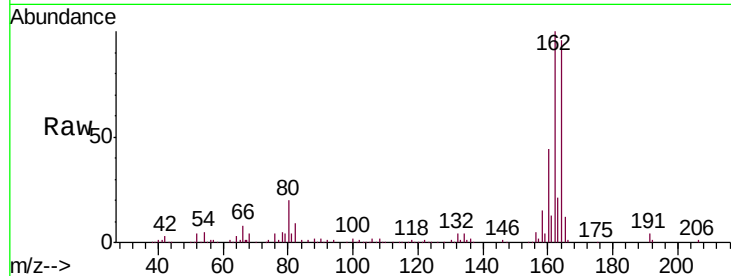




#56
 2,4-Dinitrotoluene
 Concen: 6.050 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109168.D
 Acq: 20 Sep 2018 2:22

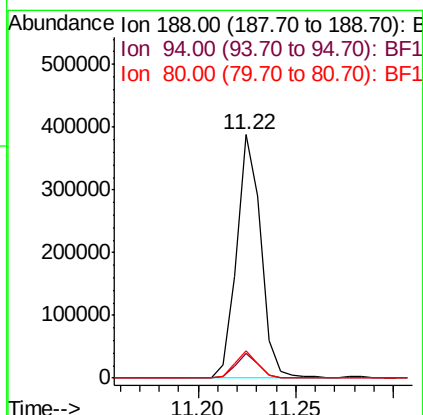
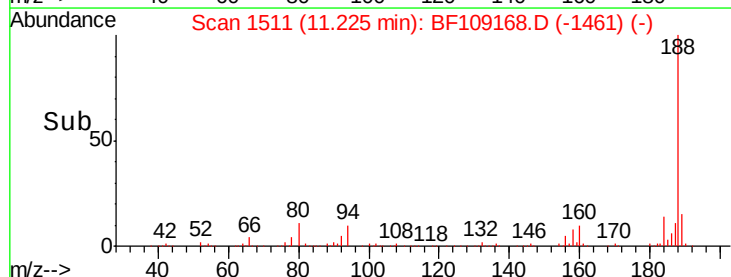
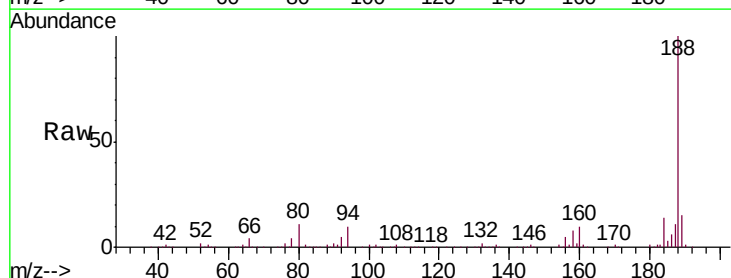
Instrument :
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 ClientSampleId :
 091718-SIDI-E-D-S

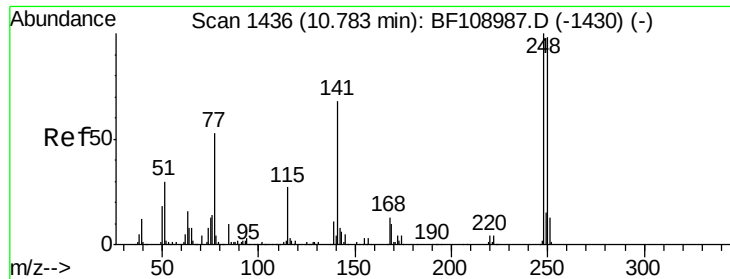
Tgt Ion:	165	Resp:	24949
Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109168.D
 Acq: 20 Sep 2018 2:22

Tgt Ion:	188	Resp:	334423
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.0	9.2	13.8

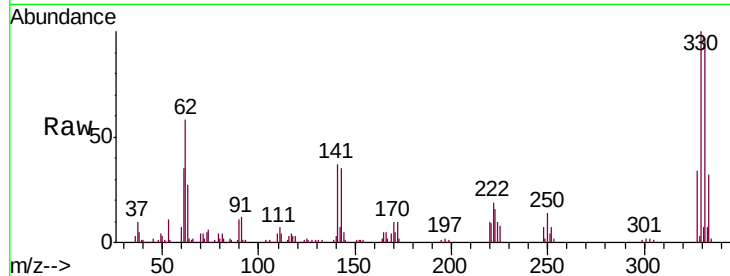




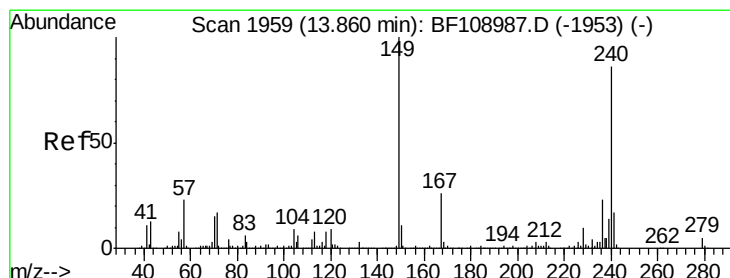
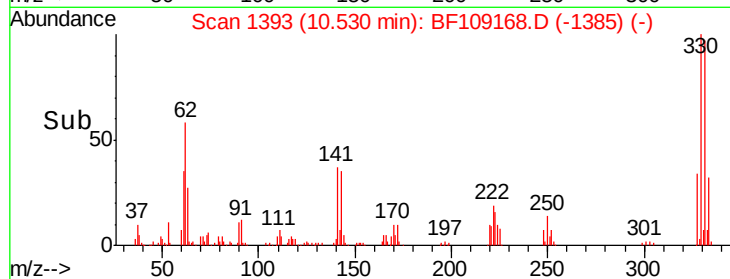
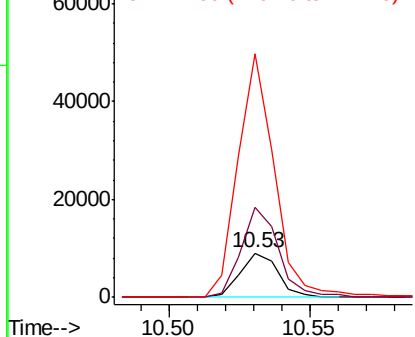
#66
 4-Bromophenyl-phenylether
 Concen: 2.228 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.25 min
 Lab File: BF109168.D
 Acq: 20 Sep 2018 2:22

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

Tgt Ion	Ratio	Lower	Upper
248	100		
250	203.8	76.9	115.3#
141	549.0	74.4	111.6#

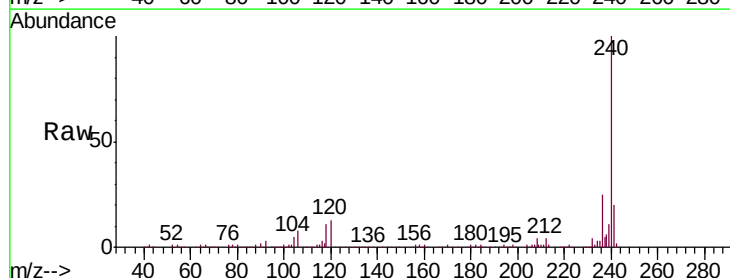


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

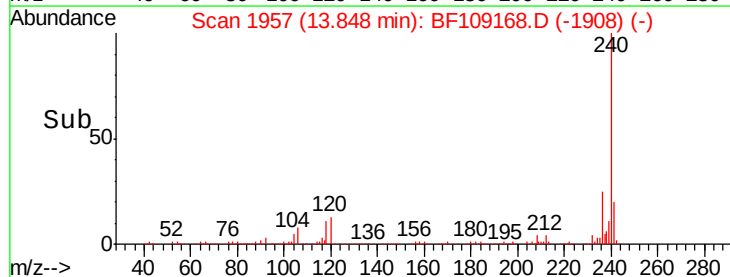
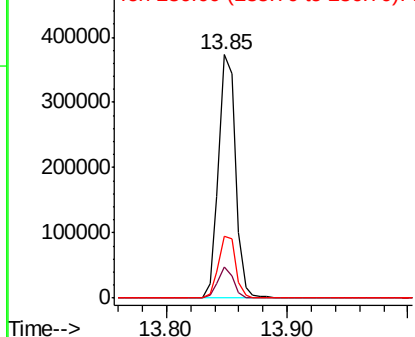


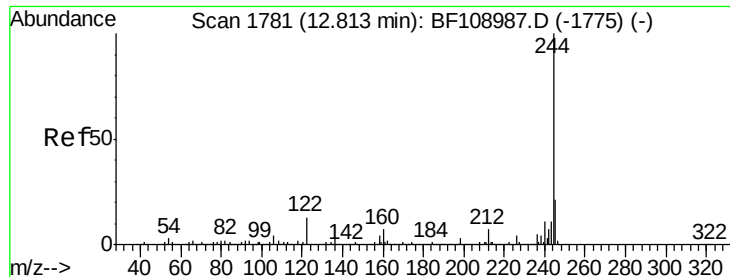
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF109168.D
 Acq: 20 Sep 2018 2:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	25.4	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: 72.839 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109168.D

Acq: 20 Sep 2018 2:22

Instrument :

BNA_F

ClientSampleId :

091718-SIDI-E-D-S

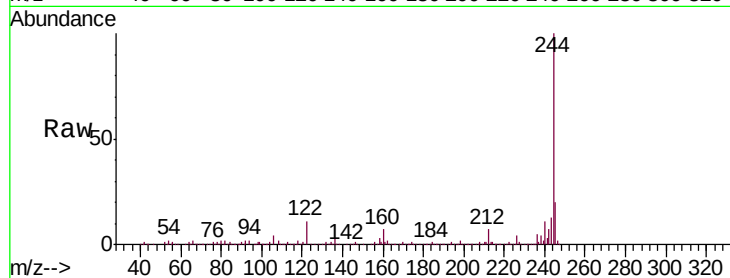
Tgt Ion:244 Resp: 1114603

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

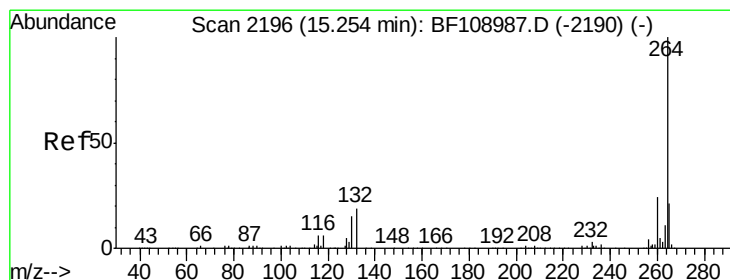
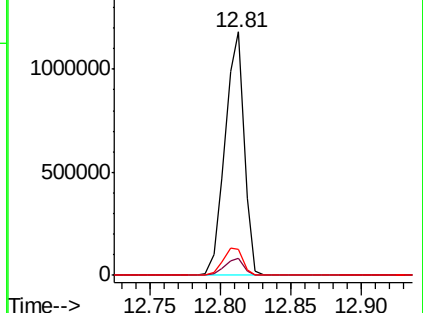
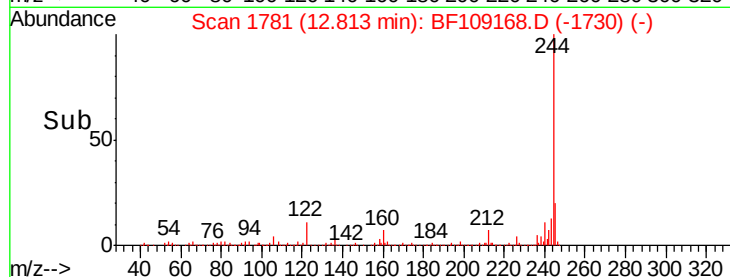
122 10.6 11.0 16.4#



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: 15.25 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BF109168.D

Acq: 20 Sep 2018 2:22

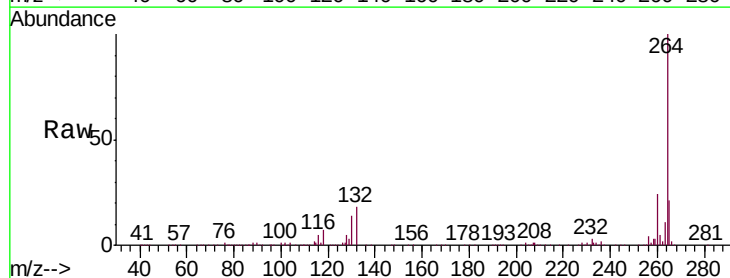
Tgt Ion:264 Resp: 315055

Ion Ratio Lower Upper

264 100

260 24.1 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

