

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
 Data File : BF110702.D
 Acq On : 13 Nov 2018 4:55
 Operator : JU/SJ
 Sample : J5904-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-D-S

Quant Time: Nov 13 07:19:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

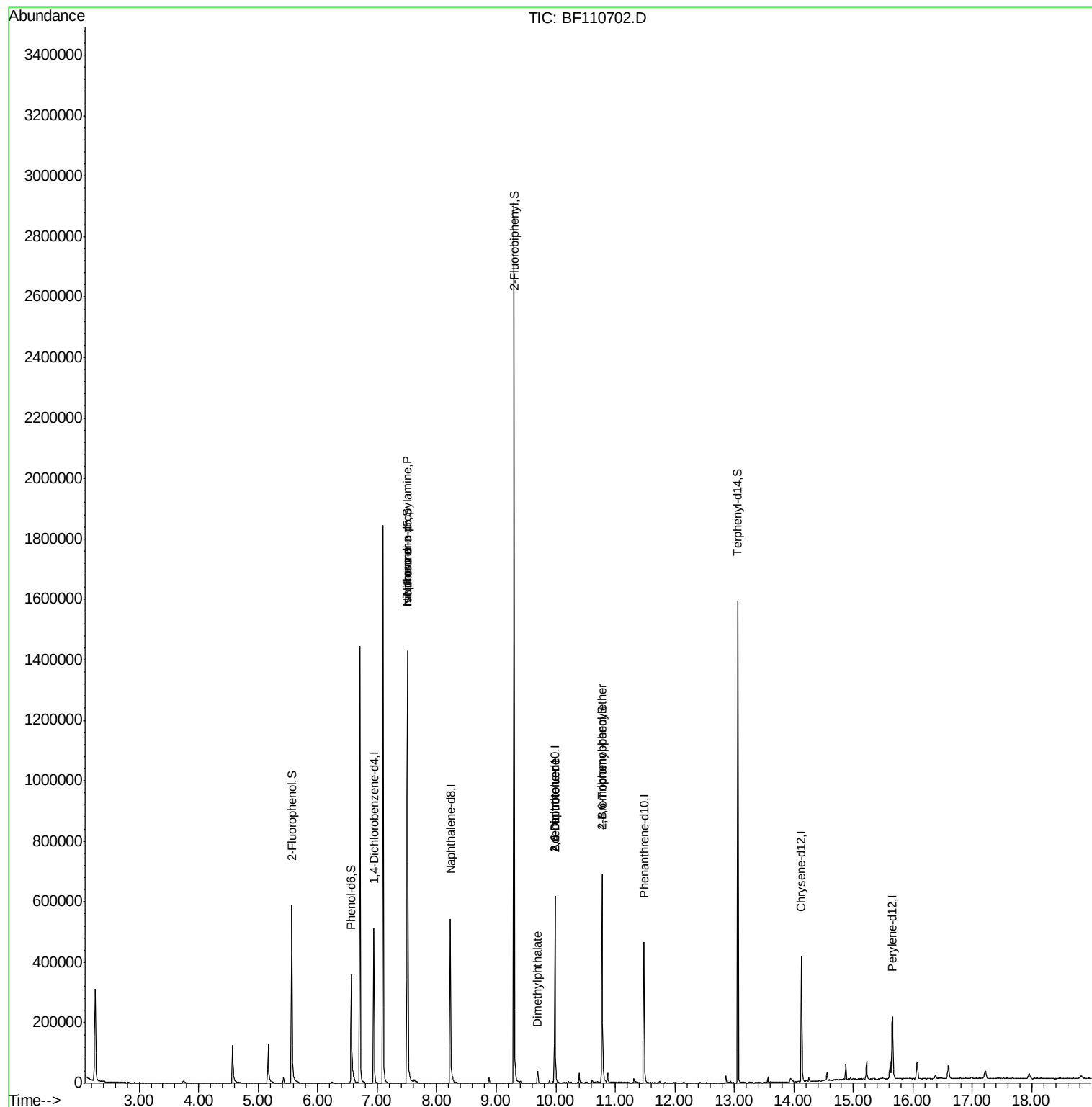
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	77128	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	312283	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	132763	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	208485	20.00	ng	0.00
76) Chrysene-d12	14.13	240	148484	20.00	ng	-0.01
87) Perylene-d12	15.66	264	108483	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	186210	39.22	ng	0.00
7) Phenol-d6	6.56	99	138608	22.83	ng	-0.01
23) Nitrobenzene-d5	7.51	82	475082	87.61	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	85895	64.21	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	847454	91.16	ng	0.00
79) Terphenyl-d14	13.06	244	565011	71.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	62559	16.140	ng	# 79
25) Isophorone	7.51	82	475078	53.454	ng	# 67
50) Dimethylphthalate	9.69	163	22577	2.279	ng	# 99
51) 2,6-Dinitrotoluene	9.99	165	16682	7.655	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	16682	5.887	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	4952	2.149	ng	# 1

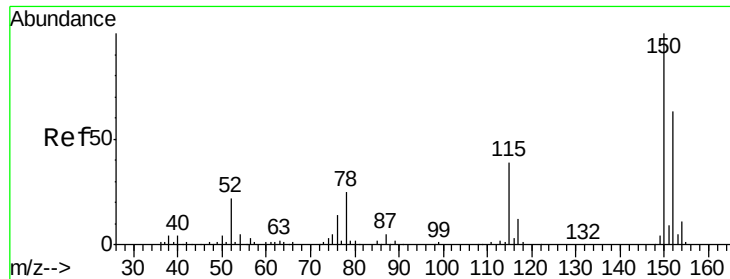
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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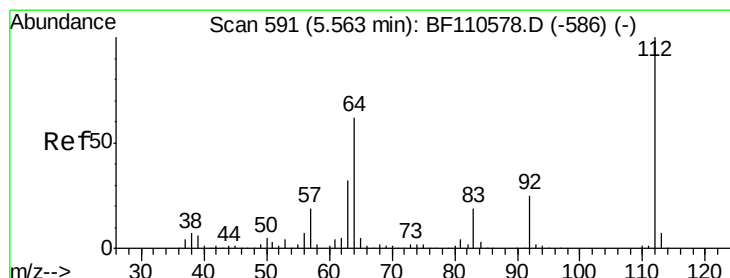
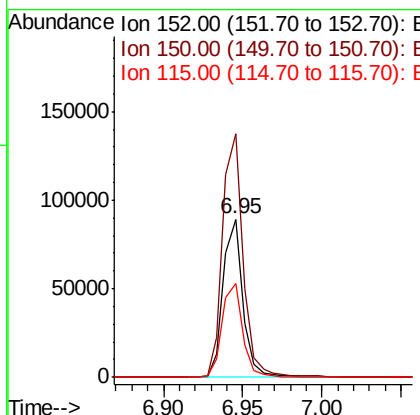
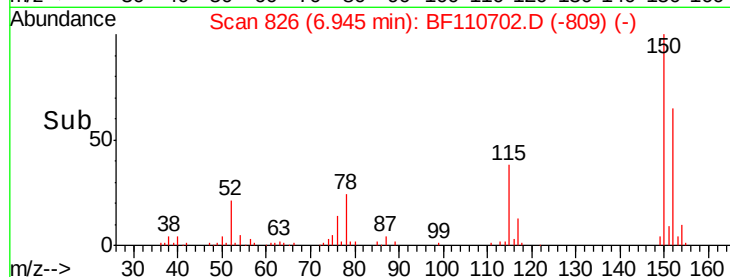
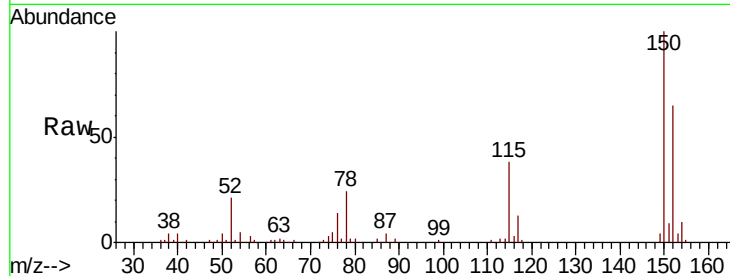




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110702.D
 Acq: 13 Nov 2018 4:55

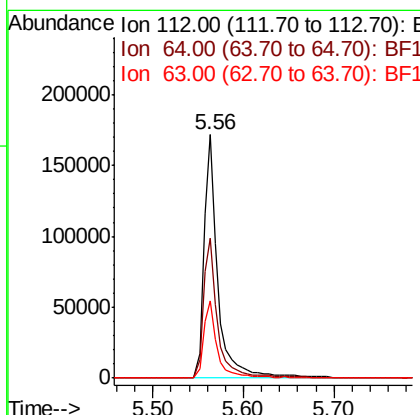
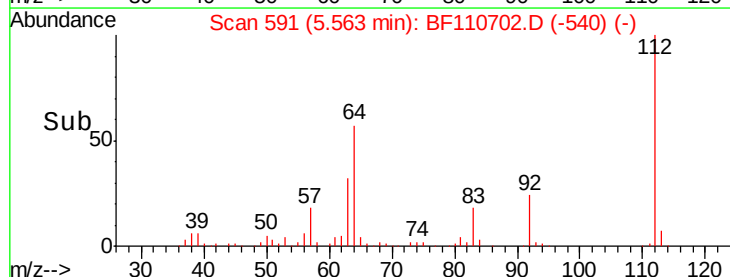
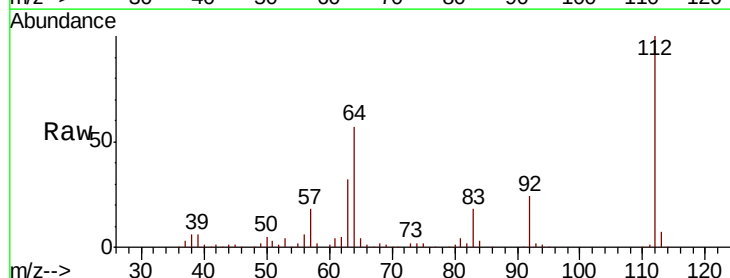
Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-D-S

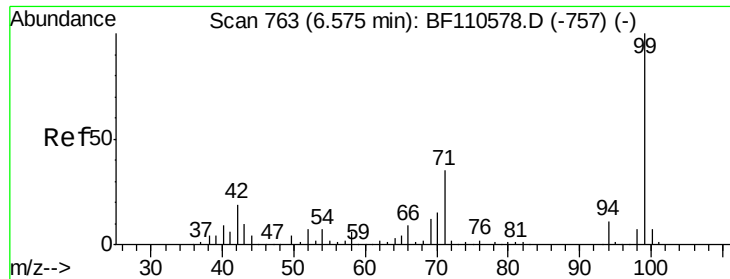
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.2	122.7	184.1
115	59.2	49.1	73.7



#5
 2-Fluorophenol
 Concen: 39.216 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110702.D
 Acq: 13 Nov 2018 4:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	44.1	66.1
63	31.7	23.7	35.5





#7

Phenol-d6

Concen: 22.827 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110702.D

Acq: 13 Nov 2018 4:55

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-D-S

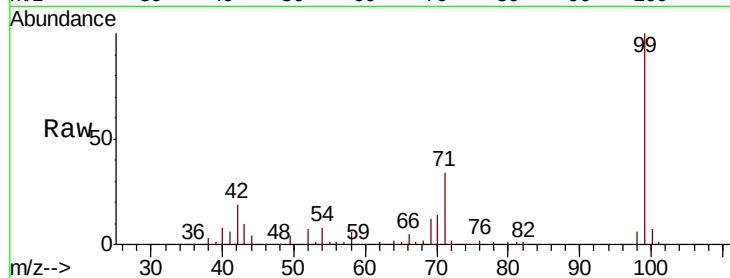
Tgt Ion: 99 Resp: 138608

Ion Ratio Lower Upper

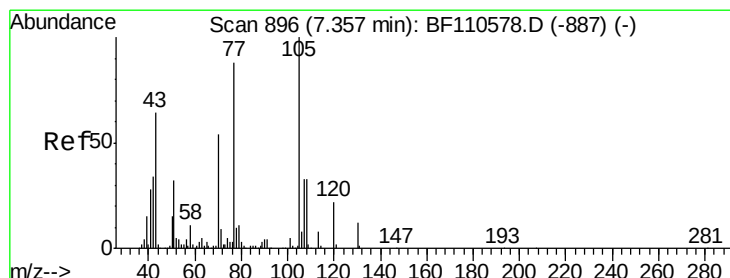
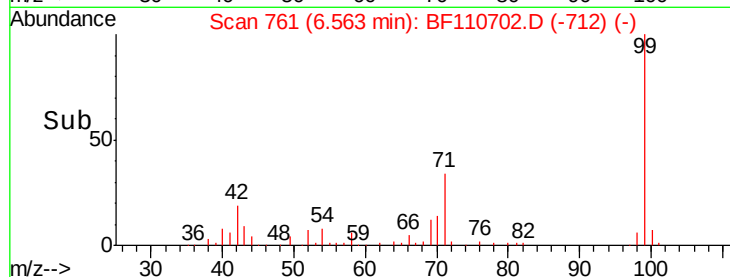
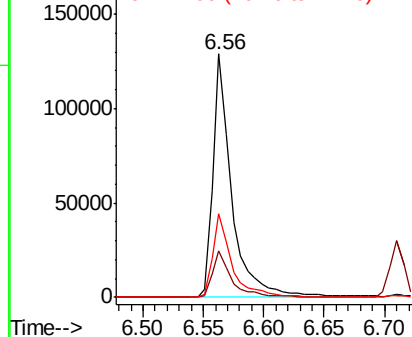
99 100

42 18.9 15.8 23.6

71 34.5 28.0 42.0



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: 16.140 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110702.D

Acq: 13 Nov 2018 4:55

Tgt Ion: 70 Resp: 62559

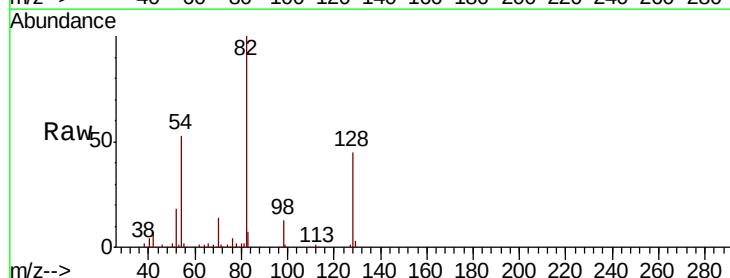
Ion Ratio Lower Upper

70 100

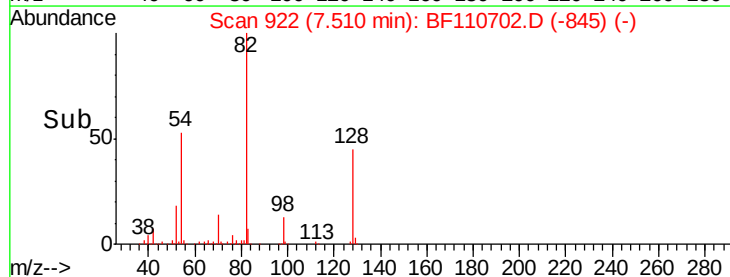
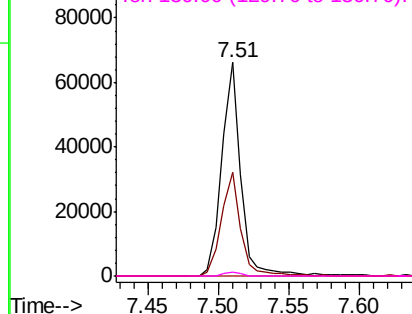
42 48.8 47.4 71.2

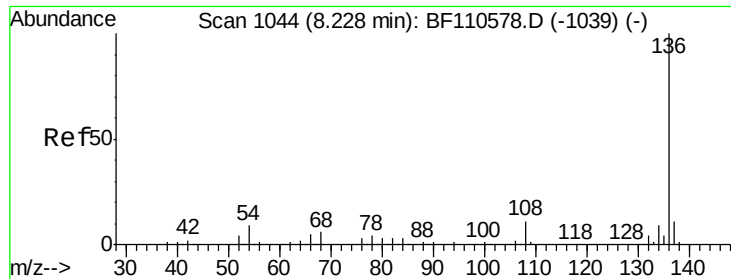
101 0.0 7.3 10.9#

130 2.0 16.2 24.2#



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): E
Ion 130.00 (129.70 to 130.70): E

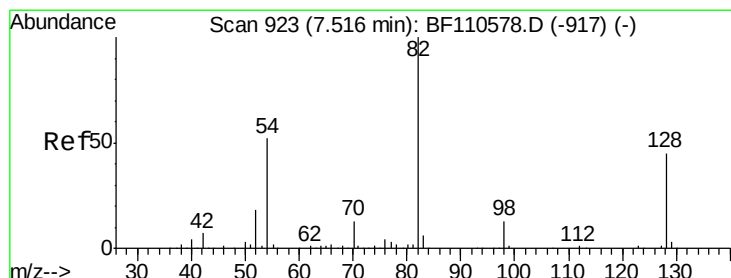
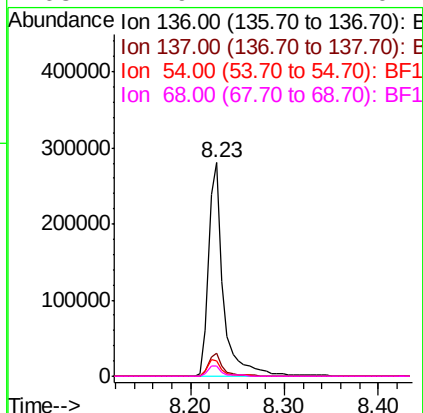
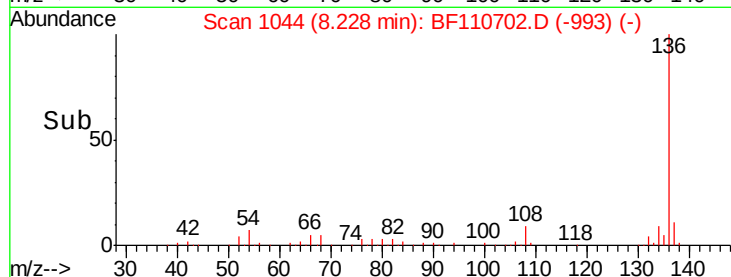
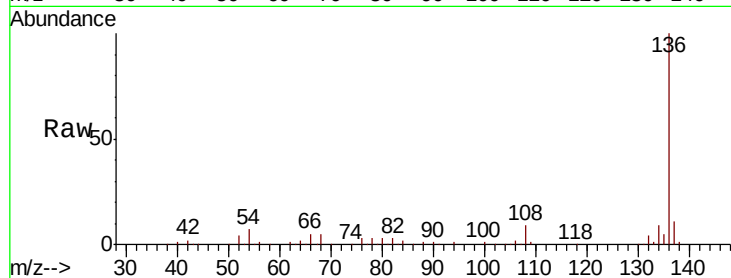




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

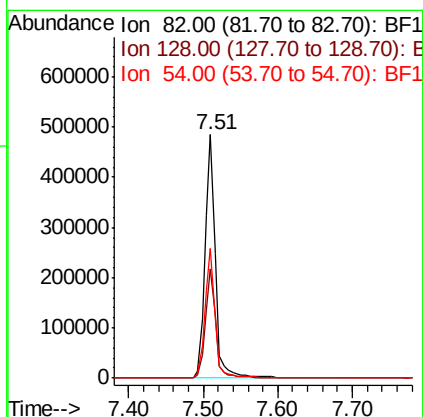
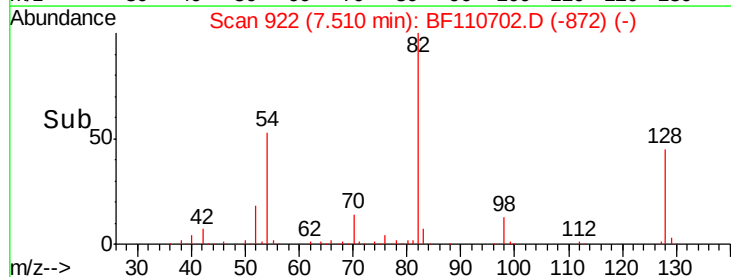
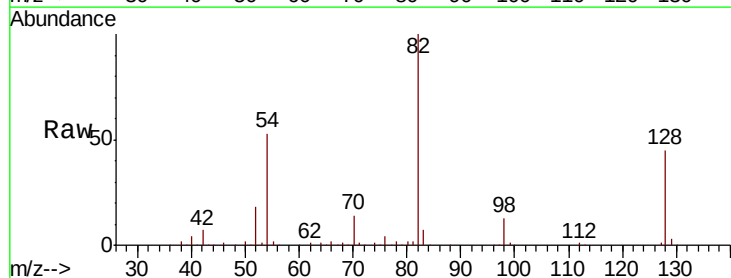
Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-D-S

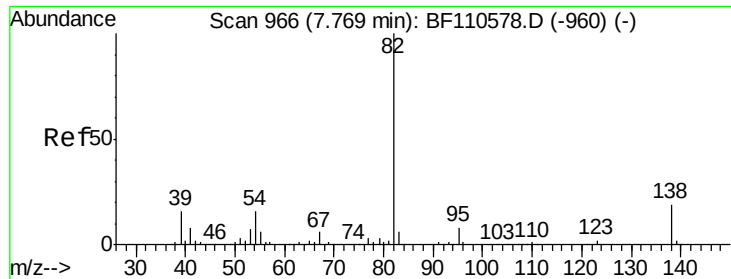
Tgt Ion:	136	Resp:	312283
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.3	5.4	8.2
68	4.9	4.2	6.2



#23
Nitrobenzene-d5
Concen: 87.612 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

Tgt Ion:	82	Resp:	475082
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.2	51.2
54	53.4	38.6	58.0





#25

Isophorone

Concen: 53.454 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110702.D

Acq: 13 Nov 2018 4:55

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-D-S

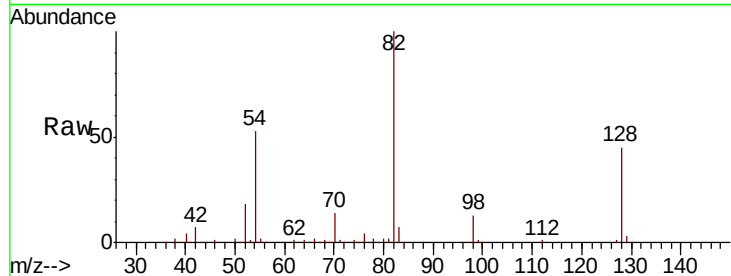
Tgt Ion: 82 Resp: 475078

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

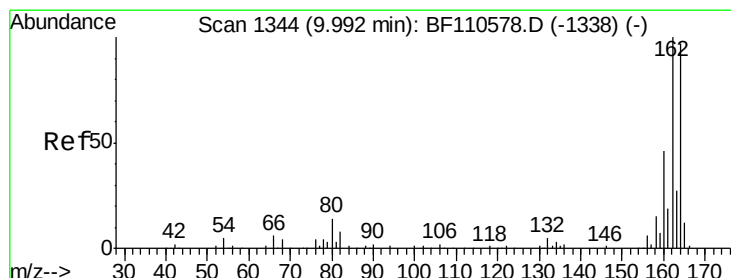
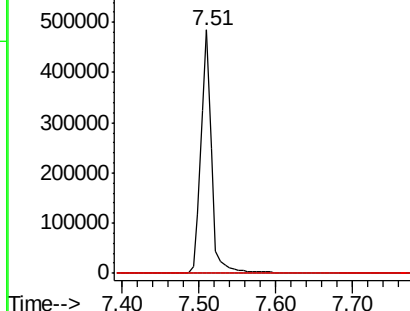
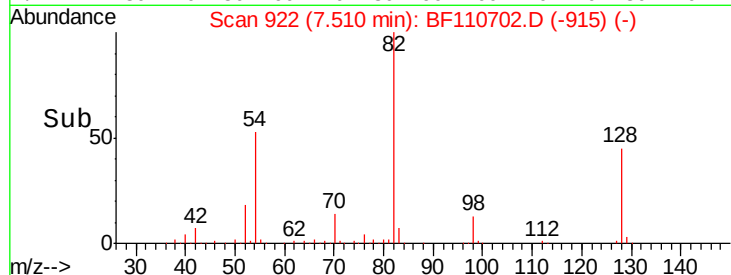
138 0.0 13.2 19.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110702.D

Acq: 13 Nov 2018 4:55

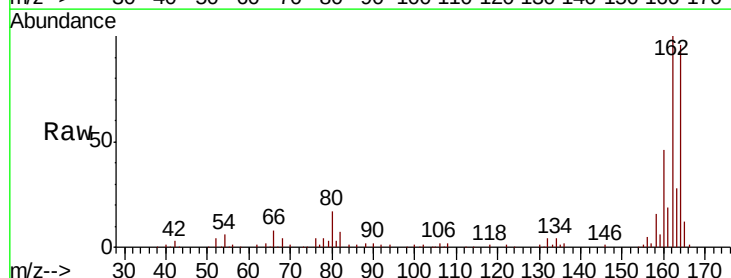
Tgt Ion: 164 Resp: 132763

Ion Ratio Lower Upper

164 100

162 104.6 83.0 124.6

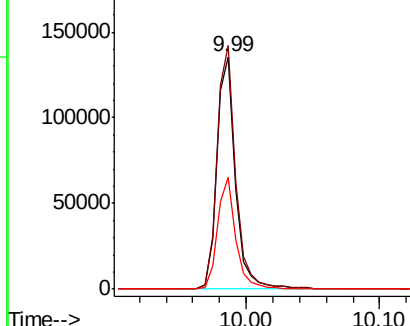
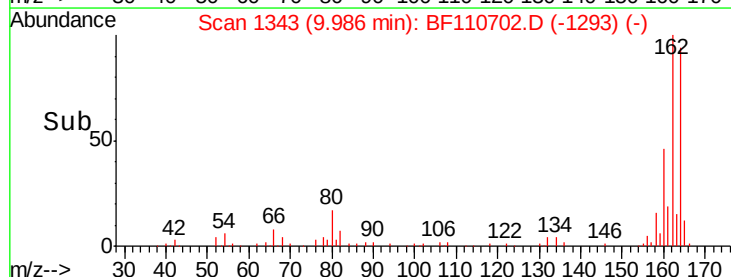
160 47.8 37.0 55.6

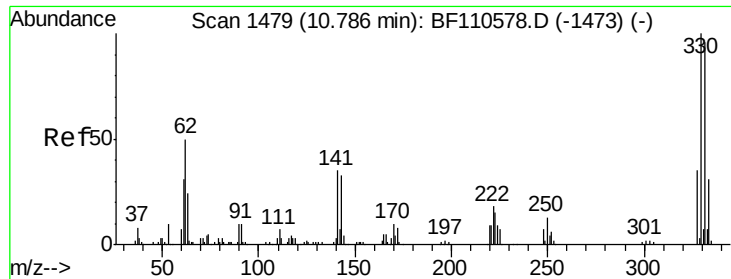


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 64.208 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF110702.D

Acq: 13 Nov 2018 4:55

Instrument :

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ClientSampleId :

110818-SIDI-F-D-S

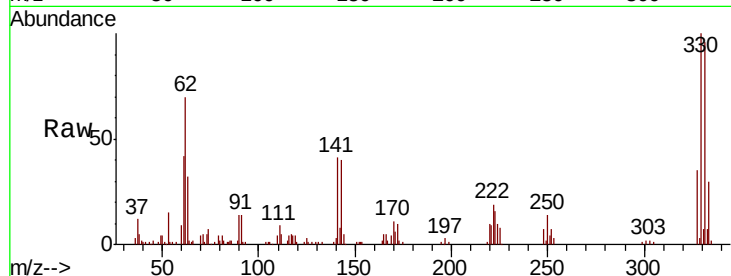
Tgt Ion:330 Resp: 85895

Ion Ratio Lower Upper

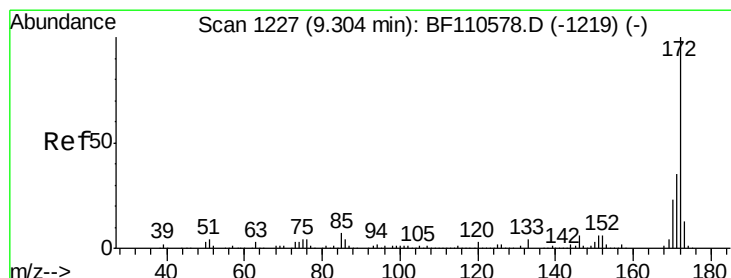
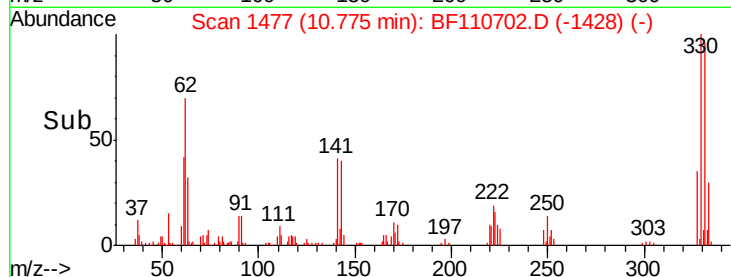
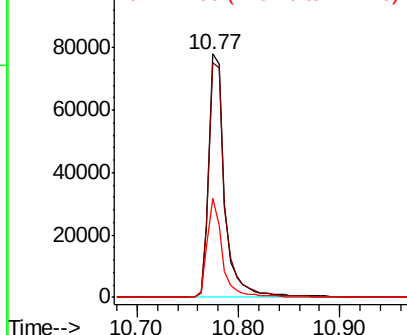
330 100

332 97.5 77.1 115.7

141 37.8 27.0 40.4



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



#45

2-Fluorobiphenyl

Concen: 91.164 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110702.D

Acq: 13 Nov 2018 4:55

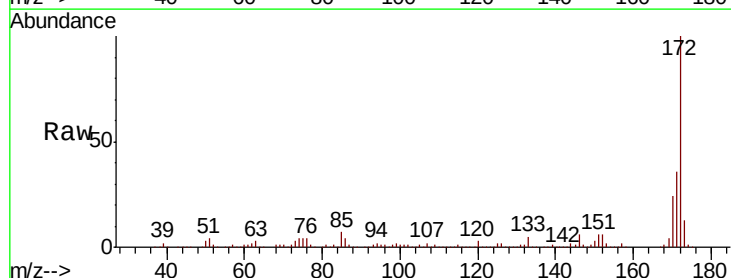
Tgt Ion:172 Resp: 847454

Ion Ratio Lower Upper

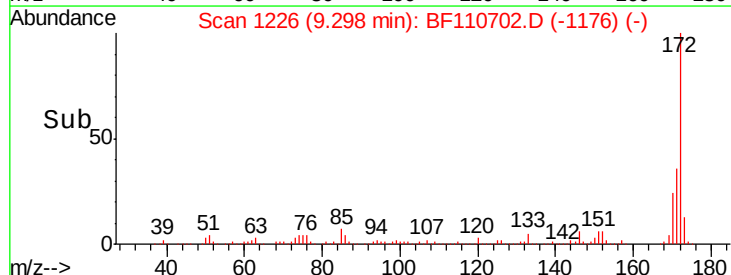
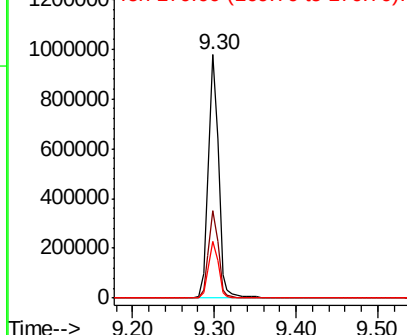
172 100

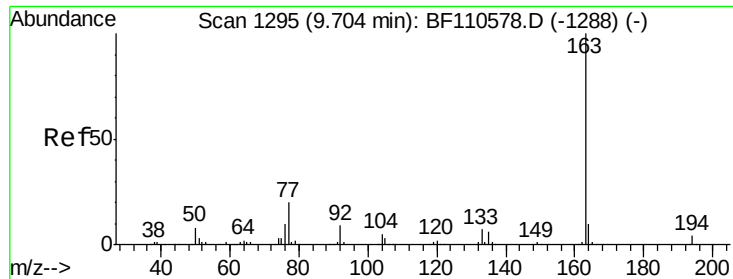
171 36.0 28.6 43.0

170 23.5 19.7 29.5



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

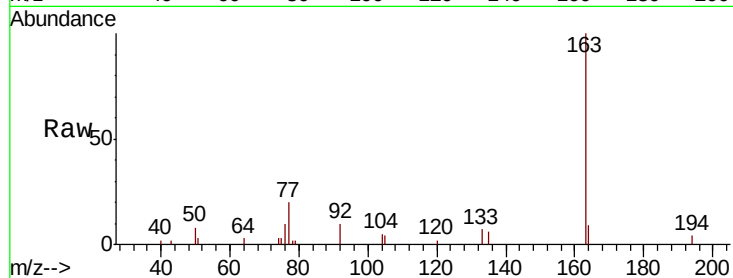




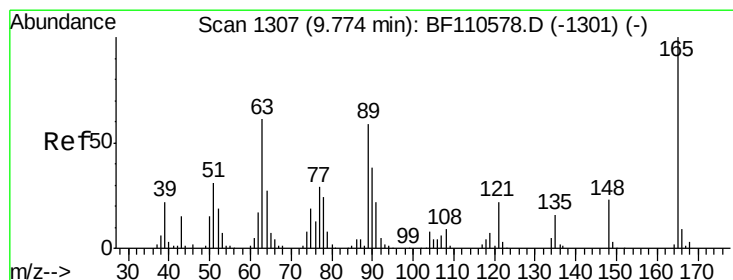
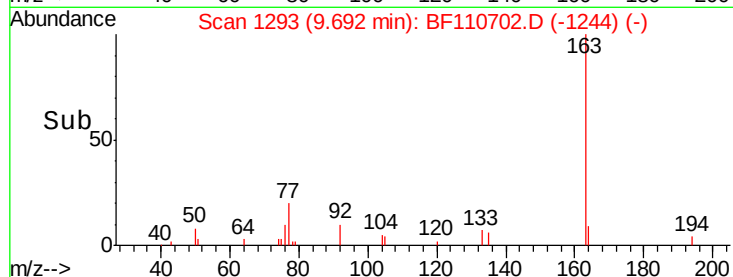
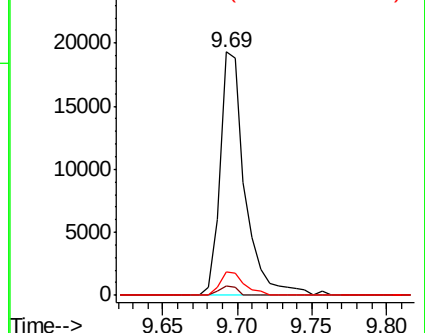
#50
Dimethylphthalate
Concen: 2.279 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

Instrument :
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ClientSampleId :
110818-SIDI-F-D-S

Tgt Ion:163 Resp: 22577
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.4 8.1 12.1

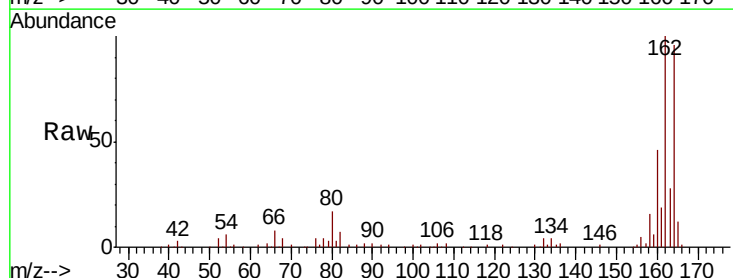


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

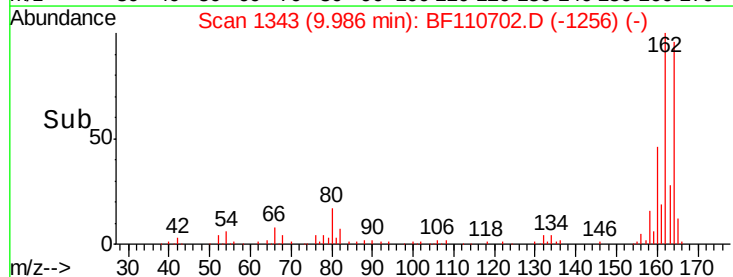
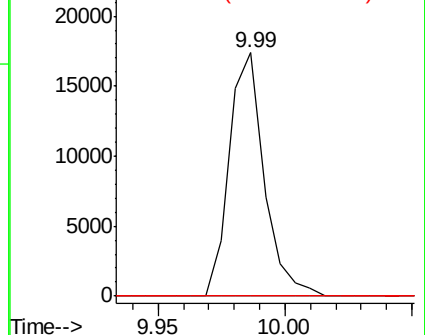


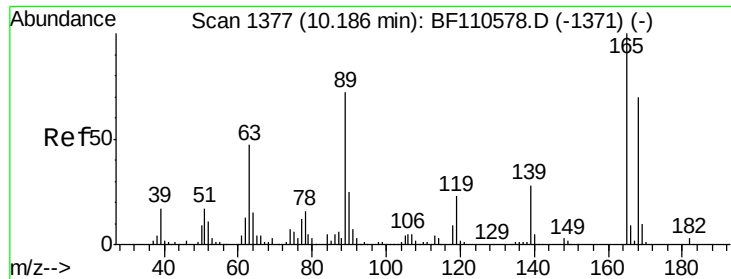
#51
2,6-Dinitrotoluene
Concen: 7.655 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110702.D
Acq: 13 Nov 2018 4:55

Tgt Ion:165 Resp: 16682
Ion Ratio Lower Upper
165 100
63 0.0 48.9 73.3#
89 0.0 46.6 69.8#



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





#57

2,4-Dinitrotoluene

Concen: 5.887 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.20 min

Lab File: BF110702.D

Acq: 13 Nov 2018 4:55

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-D-S

Tgt Ion:165 Resp: 16682

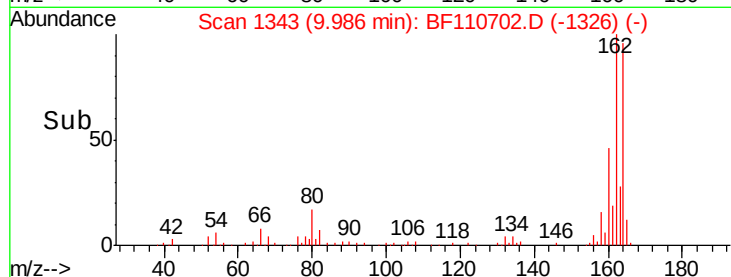
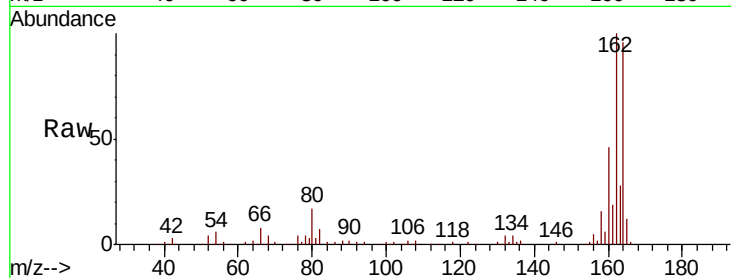
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

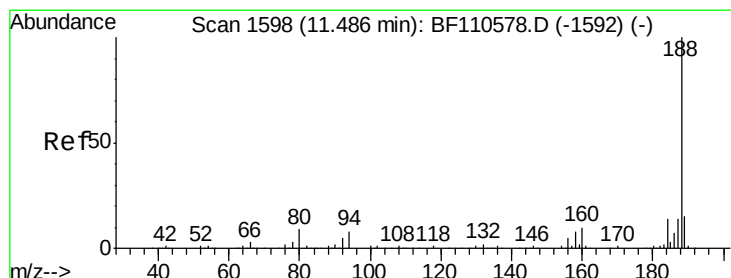
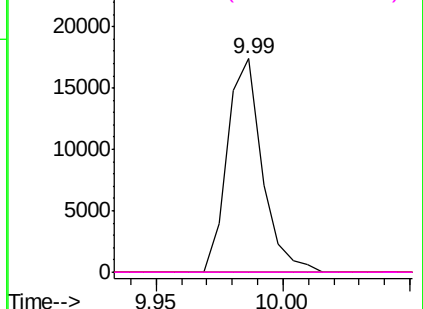


Abundance Ion 165.00 (164.70 to 165.70): E

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110702.D

Acq: 13 Nov 2018 4:55

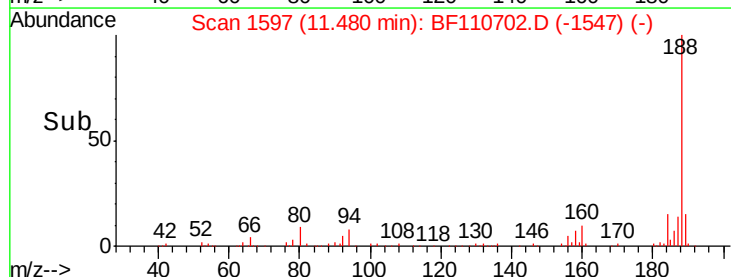
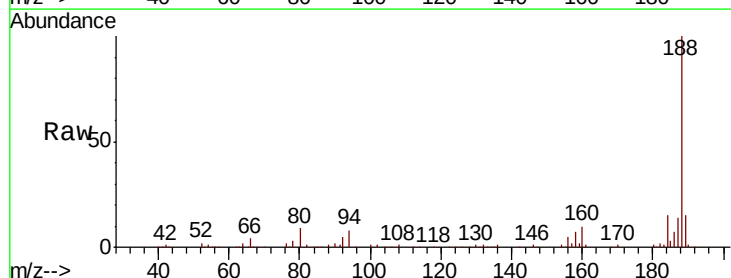
Tgt Ion:188 Resp: 208485

Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

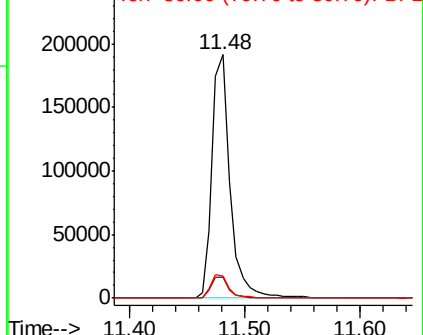
80 8.9 7.9 11.9

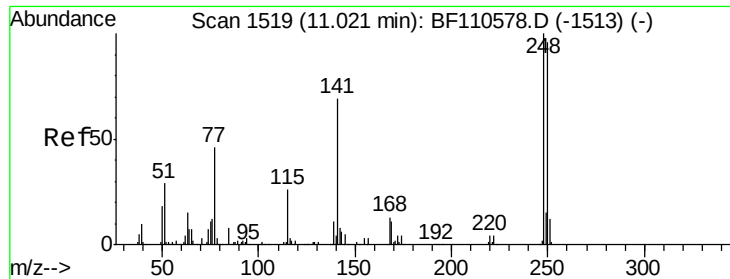


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

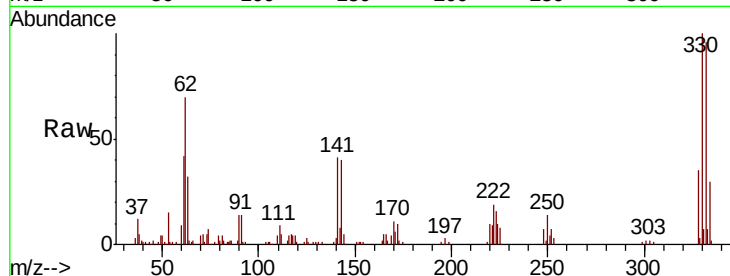




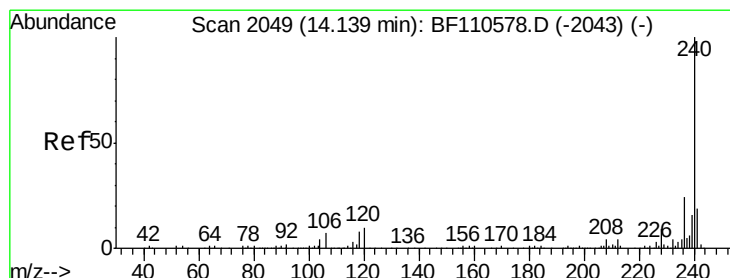
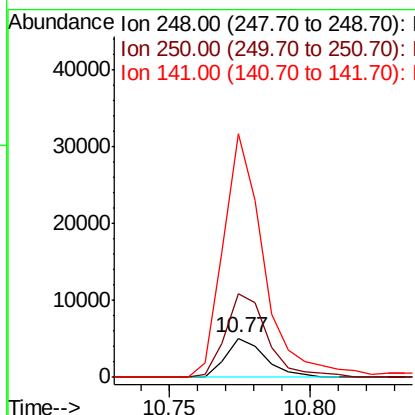
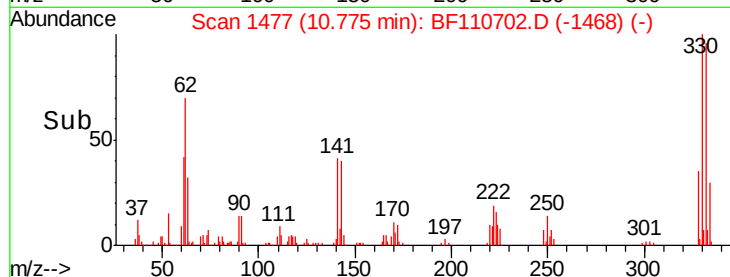
#67
 4-Bromophenyl-phenylether
 Concen: 2.149 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF110702.D
 Acq: 13 Nov 2018 4:55

Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-D-S

Tgt Ion:248 Resp: 4952
 Ion Ratio Lower Upper
 248 100
 250 210.9 79.4 119.2#
 141 617.8 55.9 83.9#

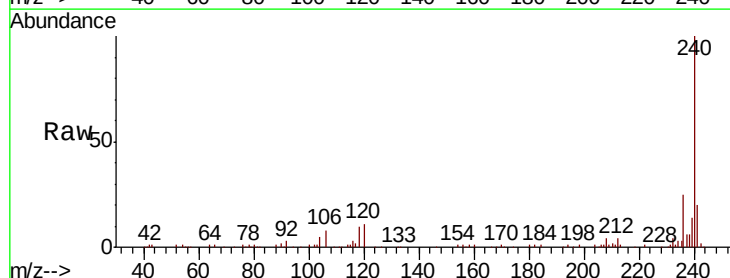


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

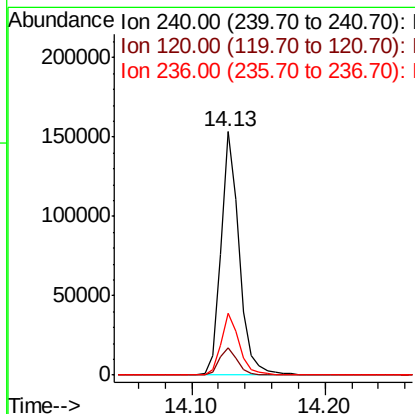
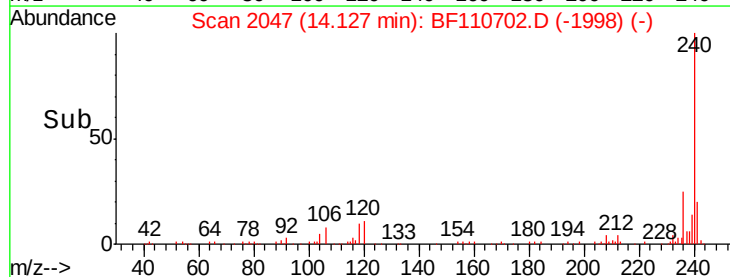


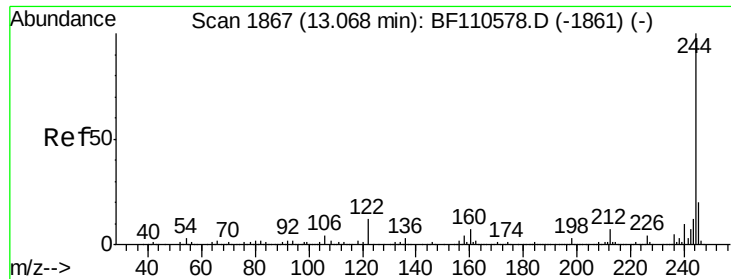
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110702.D
 Acq: 13 Nov 2018 4:55

Tgt Ion:240 Resp: 148484
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.3 12.5
 236 25.2 21.2 31.8



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





#79

Terphenyl-d14

Concen: 71.262 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110702.D

Acq: 13 Nov 2018 4:55

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-D-S

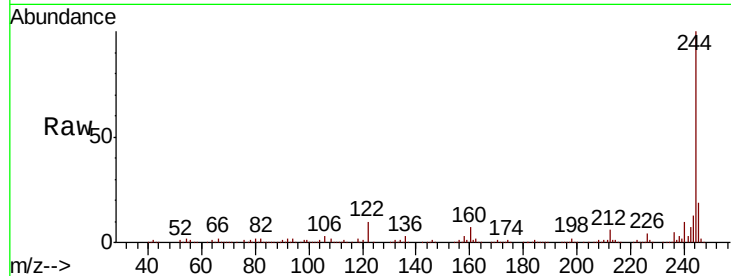
Tgt Ion:244 Resp: 565011

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

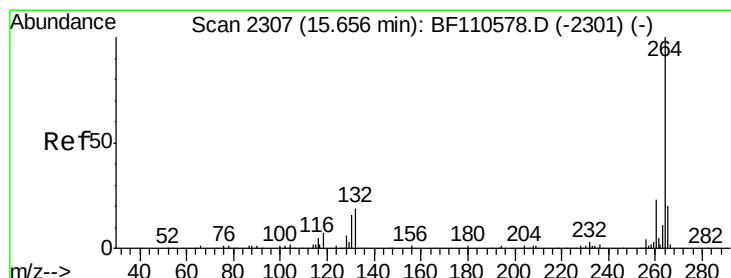
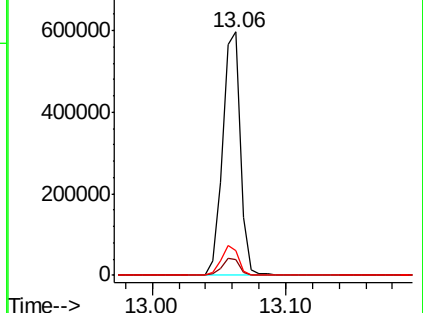
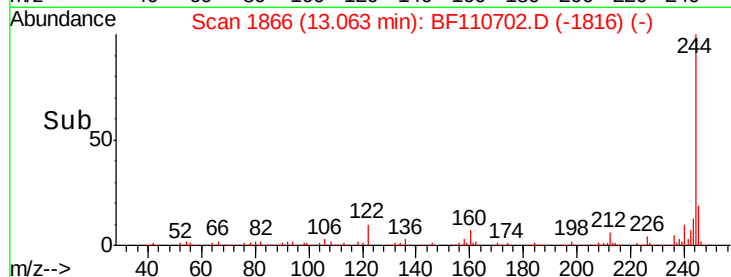
122 10.1 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110702.D

Acq: 13 Nov 2018 4:55

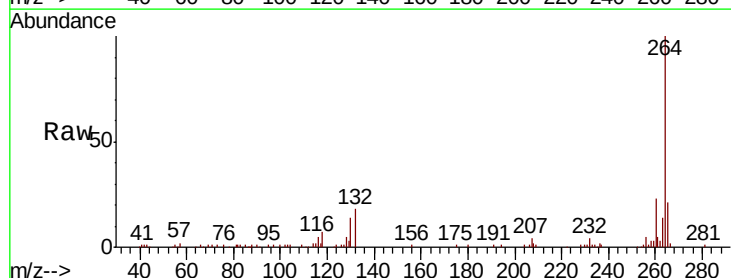
Tgt Ion:264 Resp: 108483

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 20.9 16.7 25.1



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

