

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
 Data File : BF110747.D
 Acq On : 14 Nov 2018 4:37
 Operator : JU/SJ
 Sample : J5916-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-D-S

Quant Time: Nov 14 07:14:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

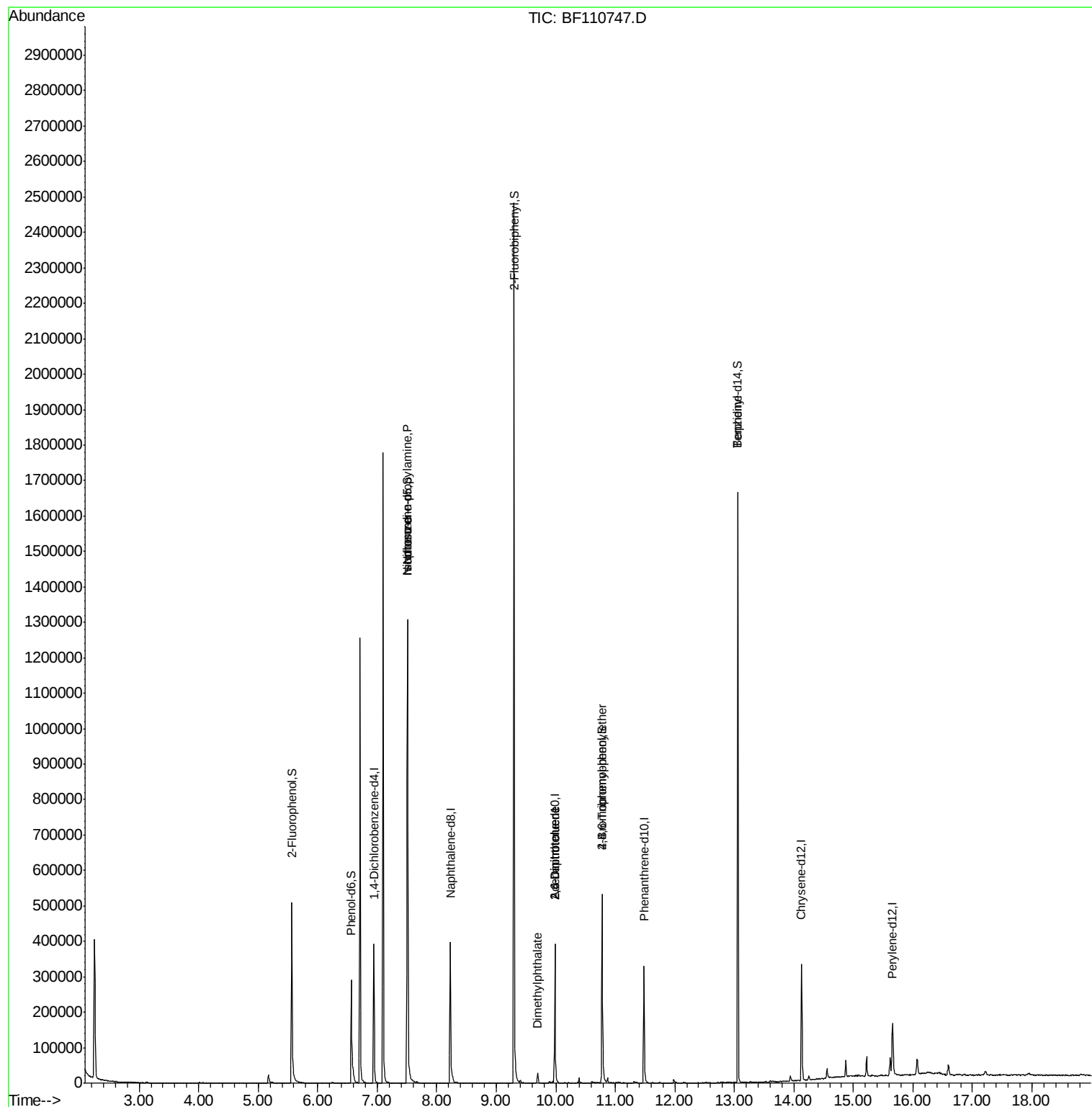
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	62508	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	239307	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	90219	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	146412	20.00	ng	0.00
76) Chrysene-d12	14.13	240	130902	20.00	ng	-0.01
87) Perylene-d12	15.66	264	83461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	171109	44.46	ng	0.00
7) Phenol-d6	6.56	99	127149	25.84	ng	-0.01
23) Nitrobenzene-d5	7.51	82	452675	108.94	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	78598	86.46	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	764990	121.10	ng	0.00
79) Terphenyl-d14	13.06	244	580213	83.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	57746	18.383	ng	Qvalue # 80
25) Isophorone	7.51	82	452672	66.465	ng	# 67
50) Dimethylphthalate	9.69	163	17859	2.653	ng	98
51) 2,6-Dinitrotoluene	9.99	165	11208	7.568	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	11208	5.821	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	4536	2.803	ng	# 1
77) Benzidine	13.06	184	7451	2.070	ng	# 91

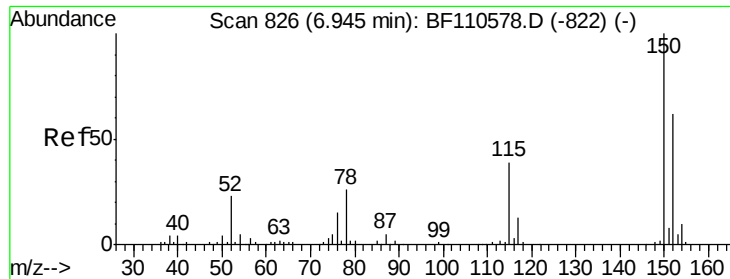
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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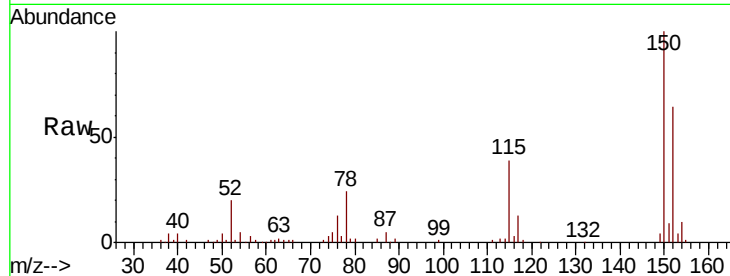




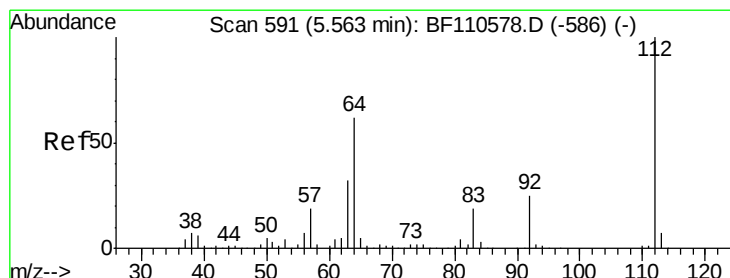
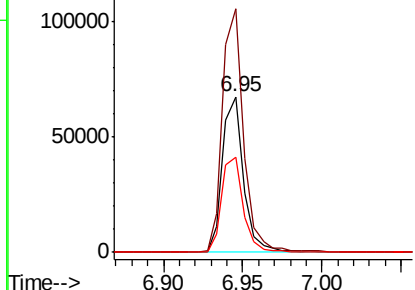
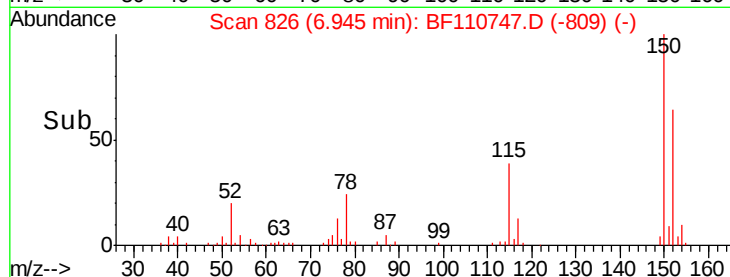
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110747.D
 Acq: 14 Nov 2018 4:37

Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-D-S

Tgt Ion:152 Resp: 62508
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.7 184.1
 115 61.4 49.1 73.7

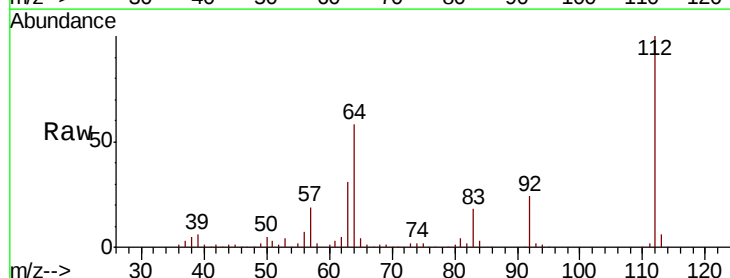


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

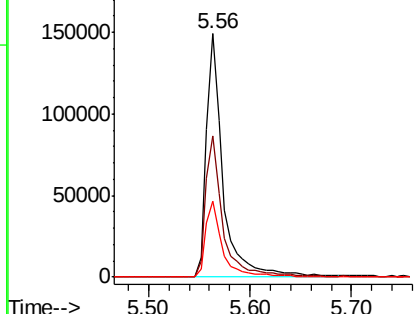
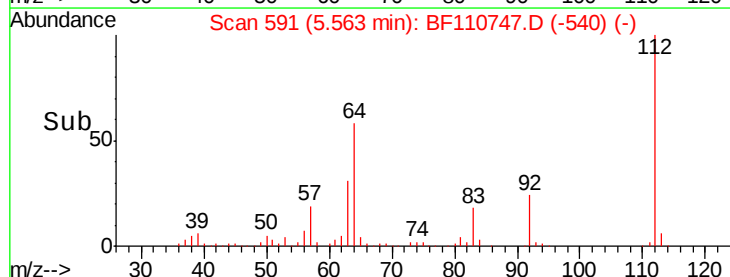


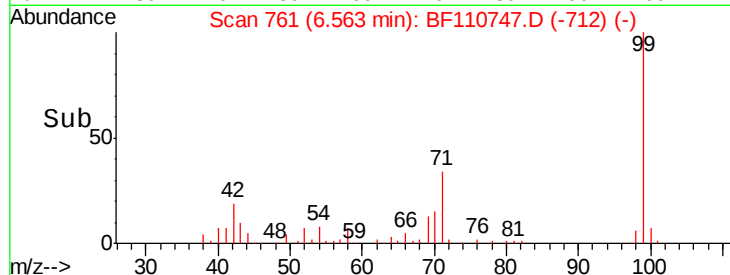
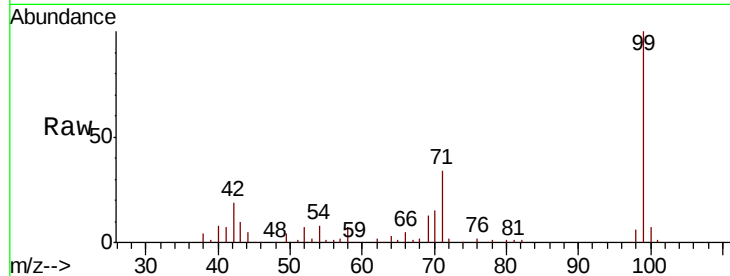
#5
 2-Fluorophenol
 Concen: 44.464 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110747.D
 Acq: 14 Nov 2018 4:37

Tgt Ion:112 Resp: 171109
 Ion Ratio Lower Upper
 112 100
 64 57.9 44.1 66.1
 63 31.3 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: 25.838 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110747.D

Acq: 14 Nov 2018 4:37

Instrument :

BNA_F

ClientSampleId :

110918-SIDI-F-D-S

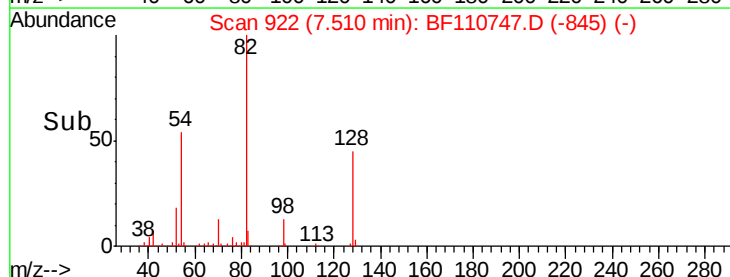
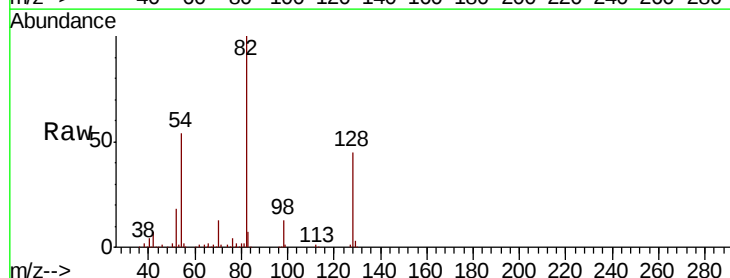
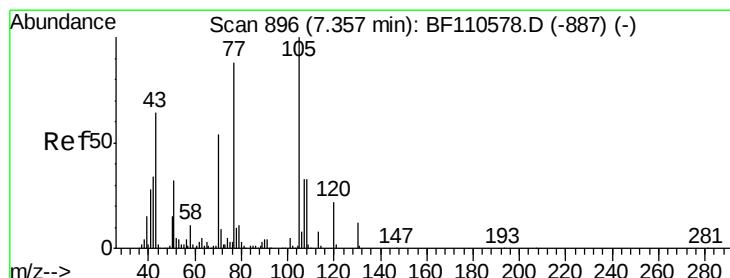
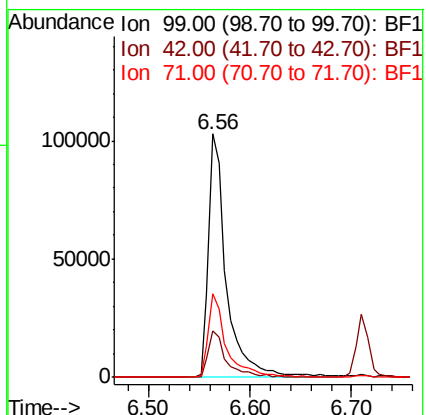
Tgt Ion: 99 Resp: 127149

Ion Ratio Lower Upper

99 100

42 19.3 15.8 23.6

71 34.4 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.383 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110747.D

Acq: 14 Nov 2018 4:37

Tgt Ion: 70 Resp: 57746

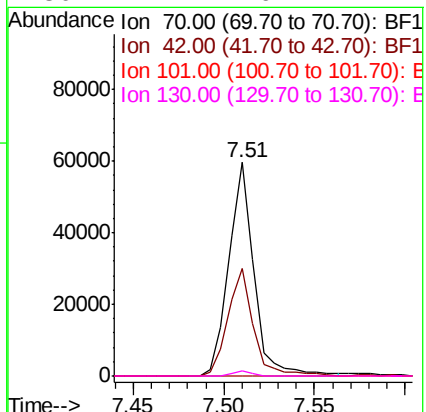
Ion Ratio Lower Upper

70 100

42 50.2 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#

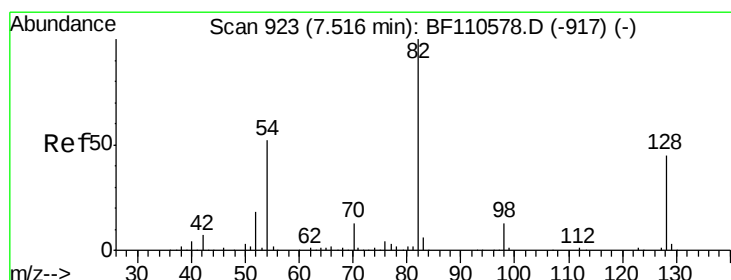
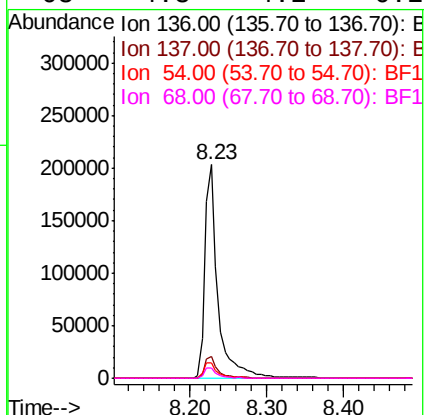
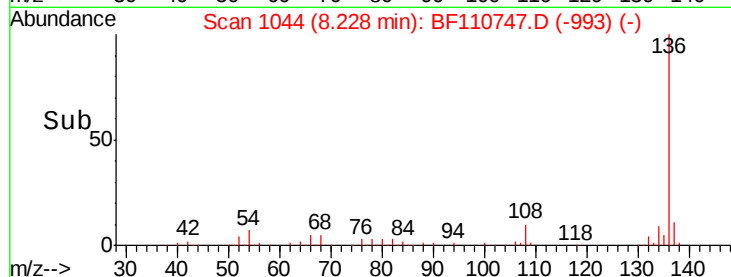
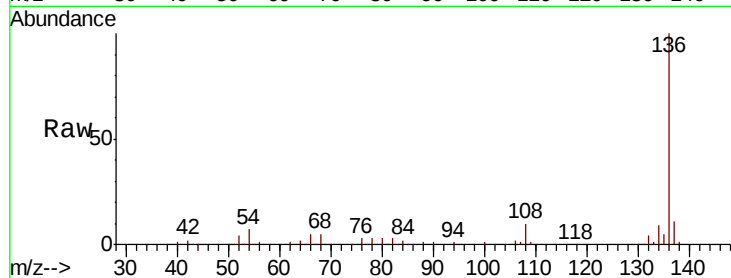




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110747.D
Acq: 14 Nov 2018 4:37

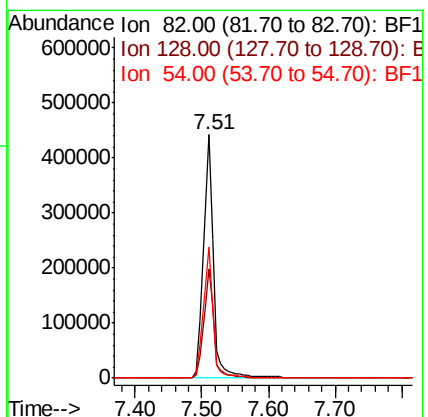
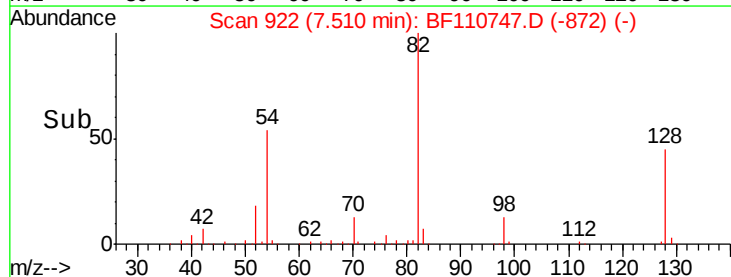
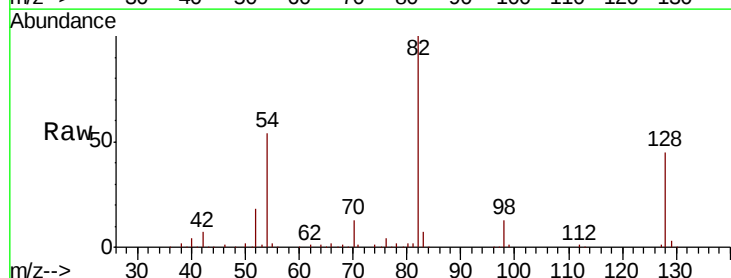
Instrument :
BNA_F
ClientSampleId :
110918-SIDI-F-D-S

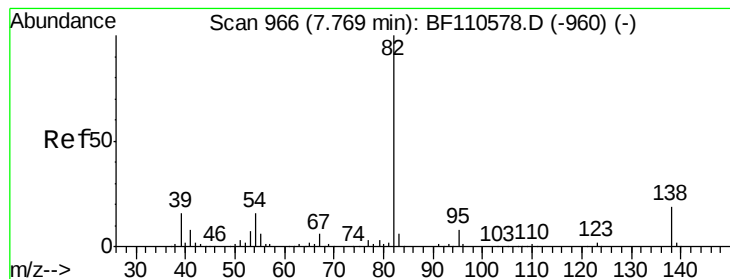
Tgt Ion:	136	Resp:	239307
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.4	5.4	8.2
68	4.8	4.2	6.2



#23
Nitrobenzene-d5
Concen: 108.937 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110747.D
Acq: 14 Nov 2018 4:37

Tgt Ion:	82	Resp:	452675
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.2	51.2
54	53.6	38.6	58.0





#25

Isophorone

Concen: 66.465 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110747.D

Acq: 14 Nov 2018 4:37

Instrument :

BNA_F

ClientSampleId :

110918-SIDI-F-D-S

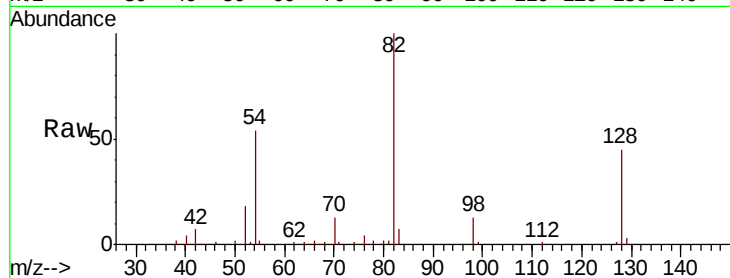
Tgt Ion: 82 Resp: 452672

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

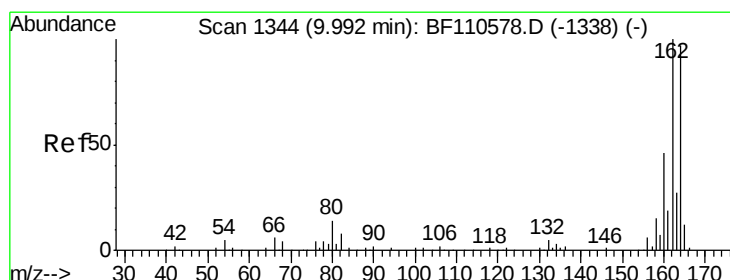
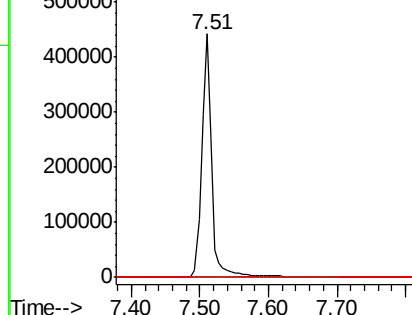
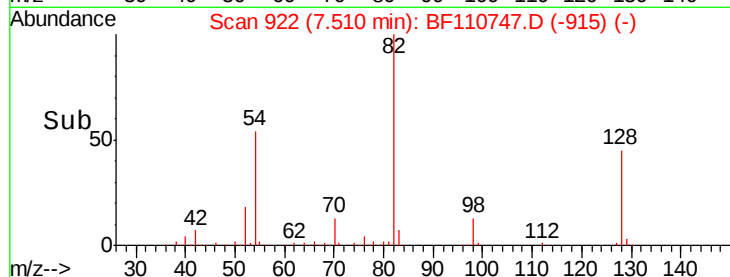
138 0.0 13.2 19.8#



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: BF110747.D

Acq: 14 Nov 2018 4:37

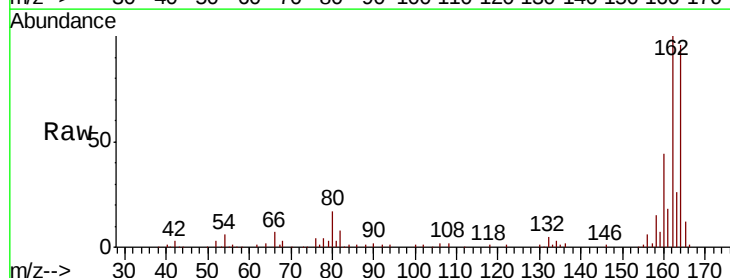
Tgt Ion: 164 Resp: 90219

Ion Ratio Lower Upper

164 100

162 104.4 83.0 124.6

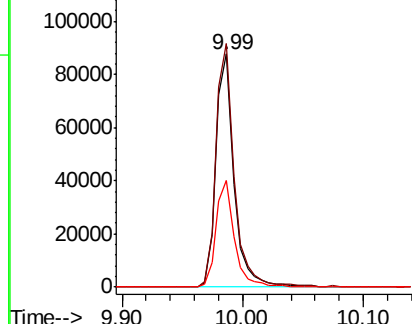
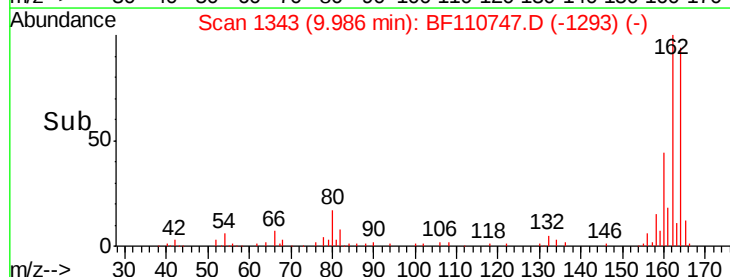
160 45.6 37.0 55.6

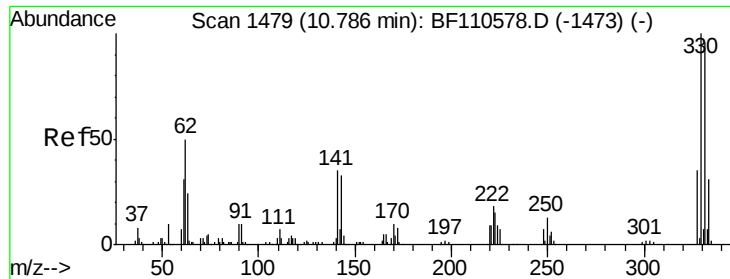


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

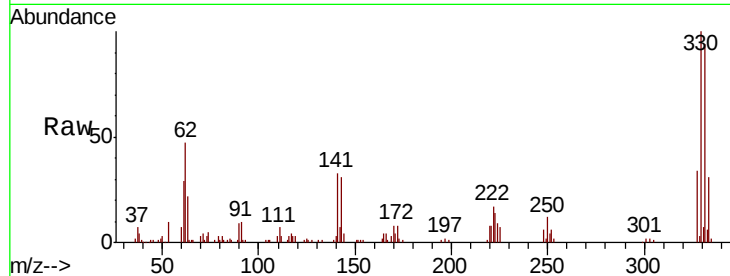




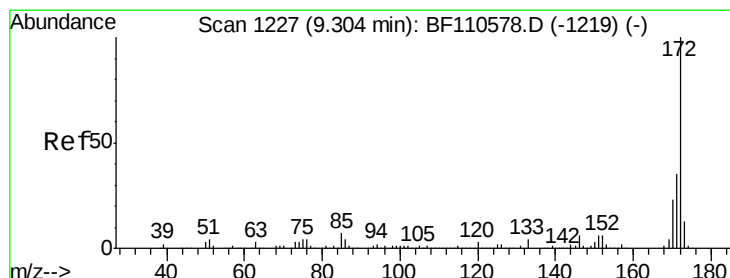
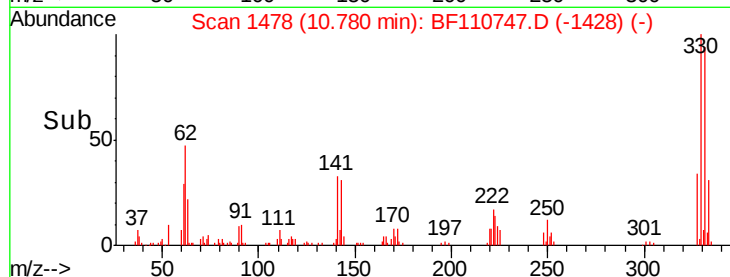
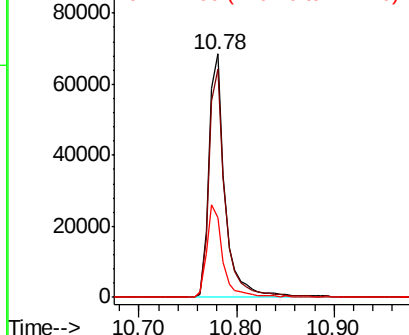
#42
 2,4,6-Tribromophenol
 Concen: 86.460 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110747.D
 Acq: 14 Nov 2018 4:37

Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-D-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.1	115.7
141	37.5	27.0	40.4

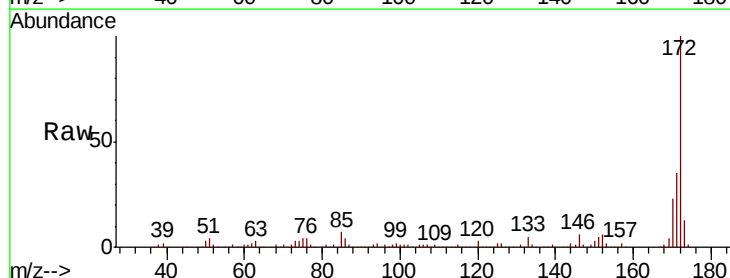


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

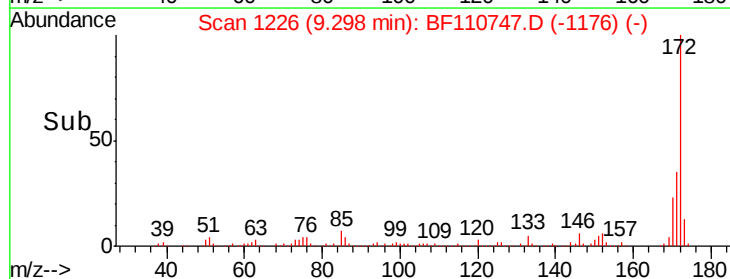
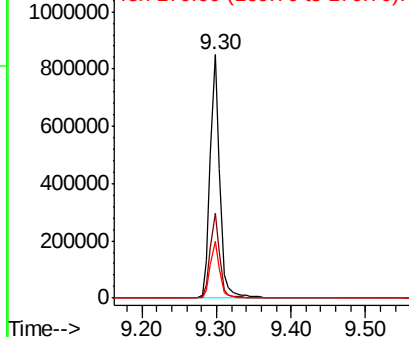


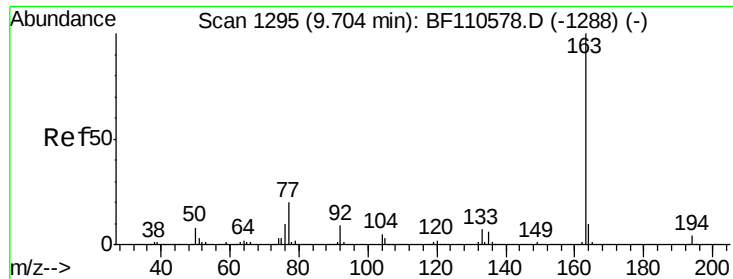
#45
 2-Fluorobiphenyl
 Concen: 121.099 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110747.D
 Acq: 14 Nov 2018 4:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.4	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

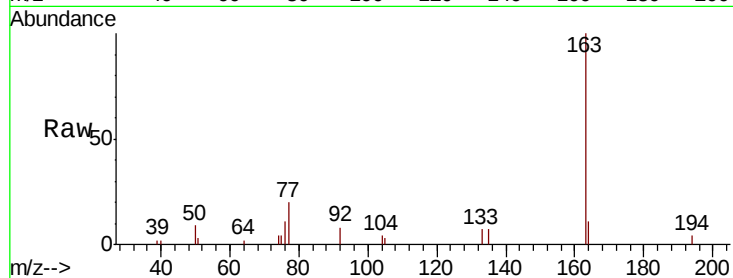




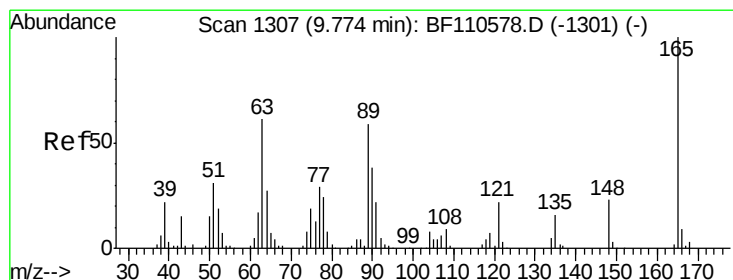
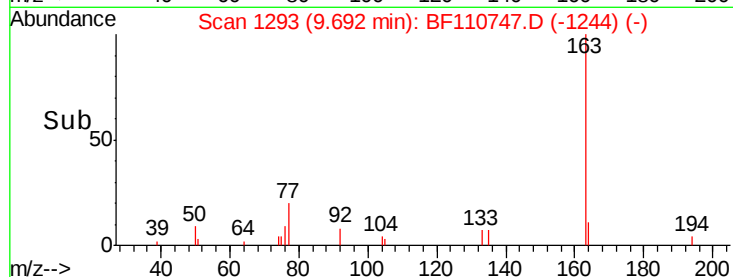
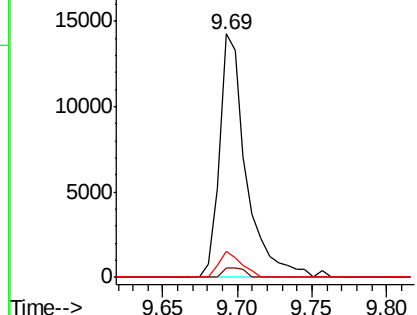
#50
Dimethylphthalate
Concen: 2.653 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110747.D
Acq: 14 Nov 2018 4:37

Instrument :
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ClientSampleId :
110918-SIDI-F-D-S

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.7	8.1	12.1

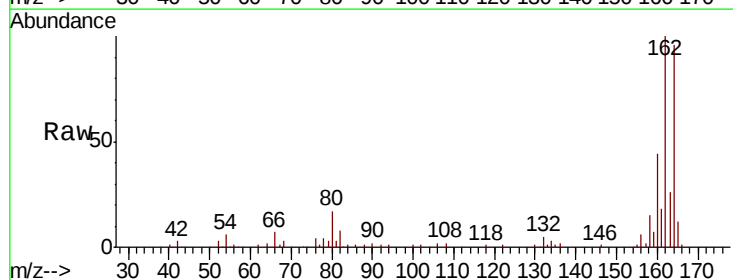


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

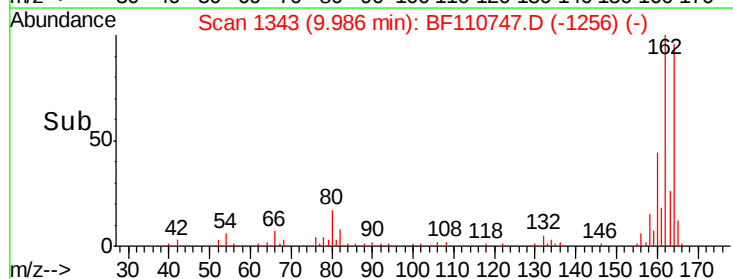
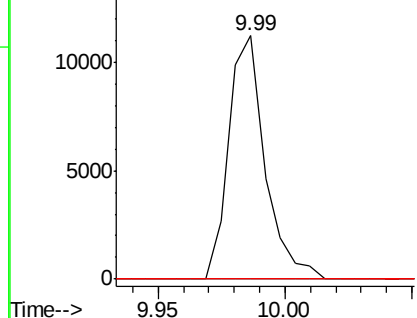


#51
2,6-Dinitrotoluene
Concen: 7.568 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110747.D
Acq: 14 Nov 2018 4:37

Tgt 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

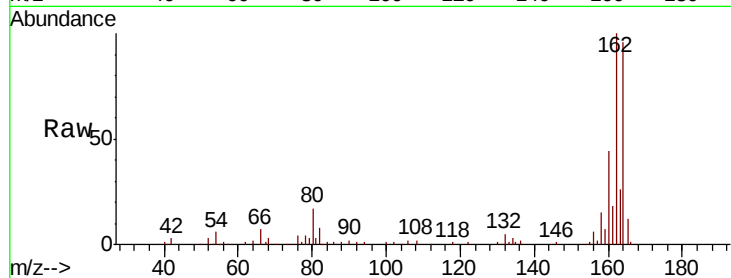




#57
 2,4-Dinitrotoluene
 Concen: 5.821 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110747.D
 Acq: 14 Nov 2018 4:37

Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-D-S

Tgt 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#

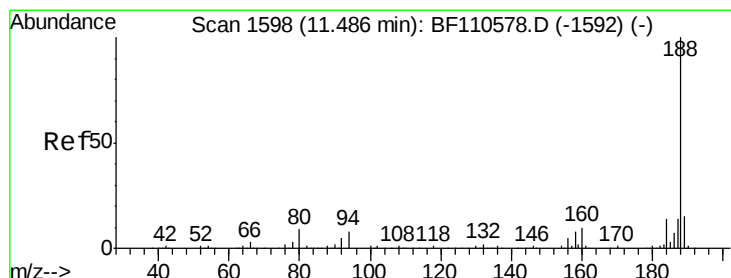
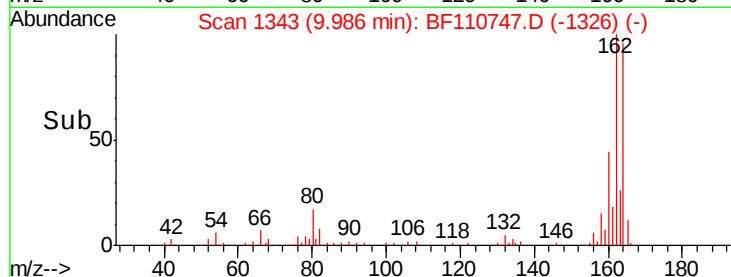
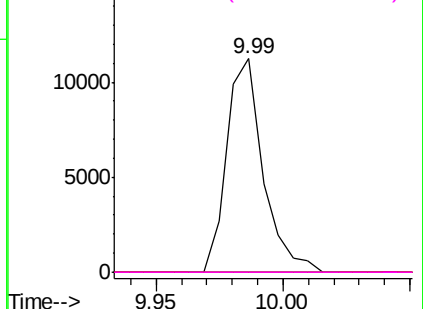


Abundance Ion 165.00 (164.70 to 165.70): E

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



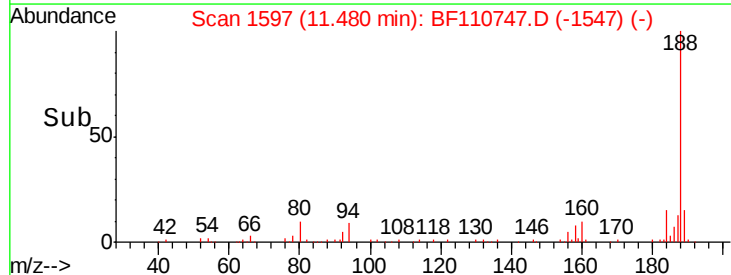
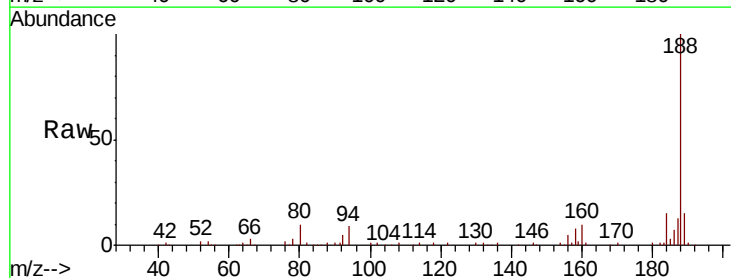
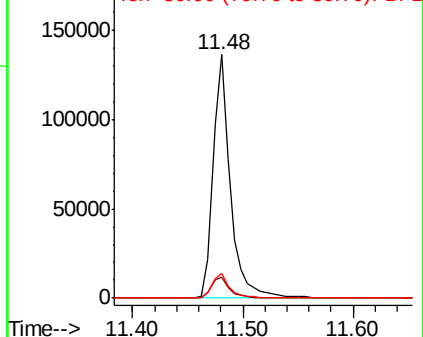
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110747.D
 Acq: 14 Nov 2018 4:37

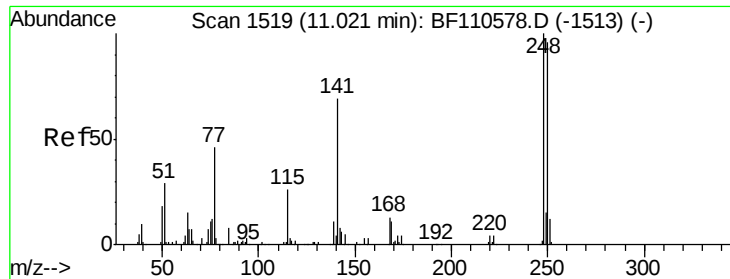
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	10.0	7.9	11.9

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

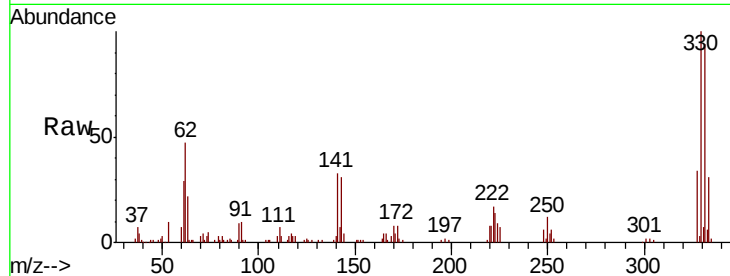




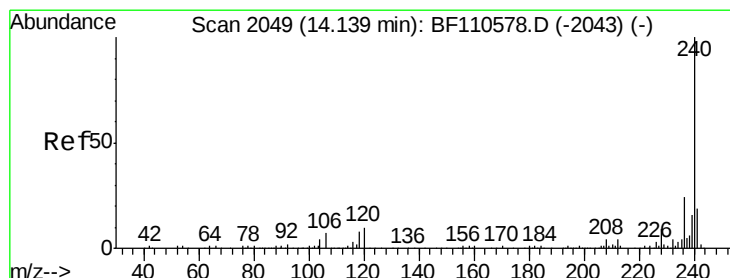
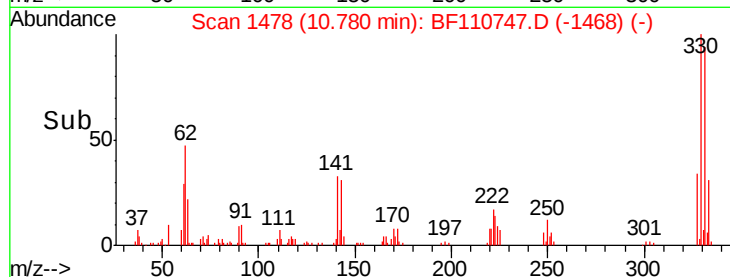
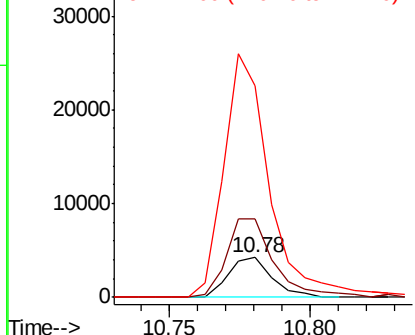
#67
 4-Bromophenyl-phenylether
 Concen: 2.803 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110747.D
 Acq: 14 Nov 2018 4:37

Instrument :
 BNA_F
 ClientSampleId :
 110918-SIDI-F-D-S

Tgt Ion: 248 Resp: 4536
 Ion Ratio Lower Upper
 248 100
 250 197.2 79.4 119.2#
 141 534.5 55.9 83.9#

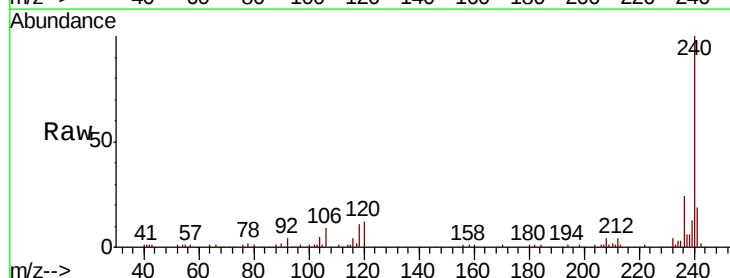


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

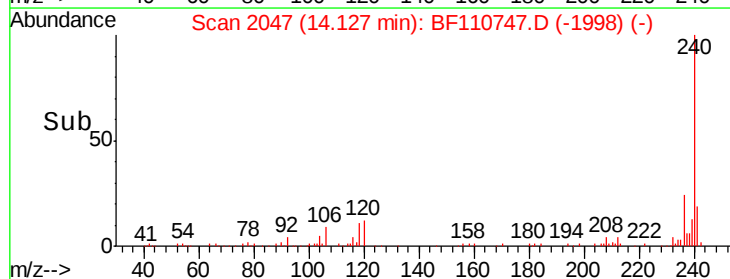
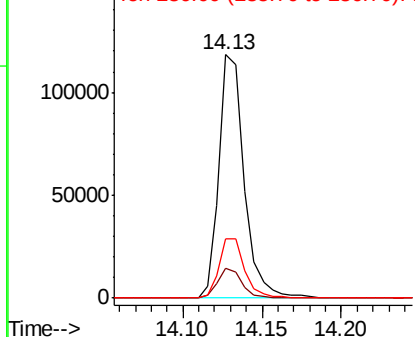


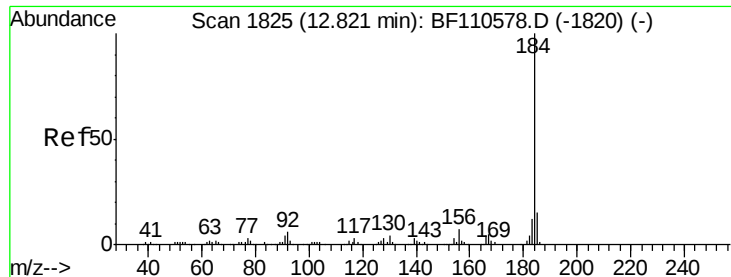
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110747.D
 Acq: 14 Nov 2018 4:37

Tgt Ion: 240 Resp: 130902
 Ion Ratio Lower Upper
 240 100
 120 12.5 8.3 12.5
 236 24.5 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





#77

Benzidine

Concen: 2.070 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.24 min

Lab File: BF110747.D

Acq: 14 Nov 2018 4:37

Instrument :

BNA_F

ClientSampleId :

110918-SIDI-F-D-S

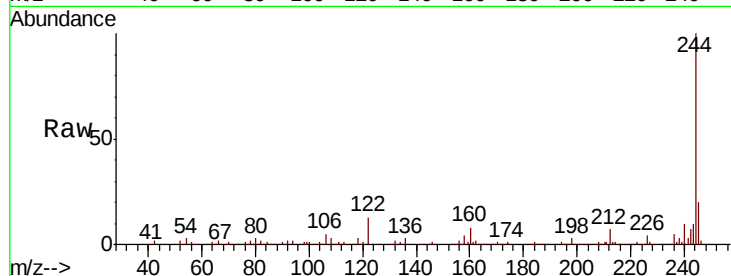
Tgt Ion:184 Resp: 7451

Ion Ratio Lower Upper

184 100

185 18.7 13.4 20.2

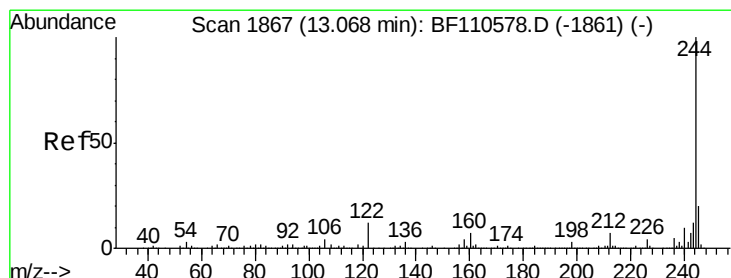
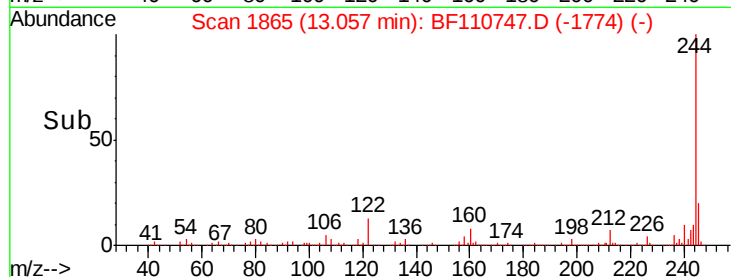
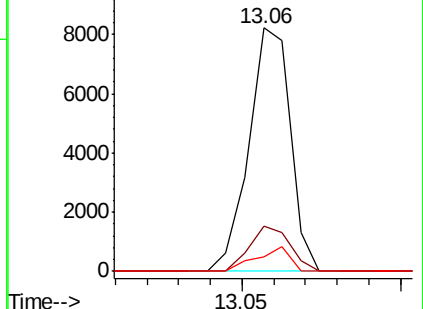
183 6.2 9.4 14.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 83.009 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110747.D

Acq: 14 Nov 2018 4:37

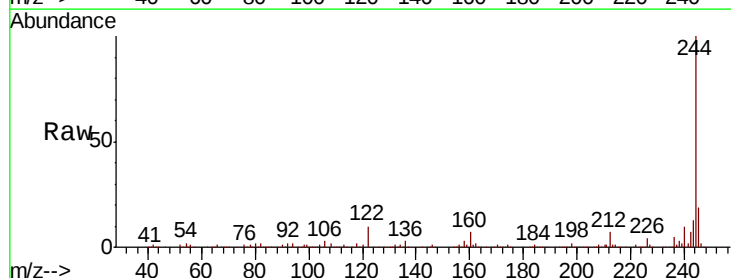
Tgt Ion:244 Resp: 580213

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

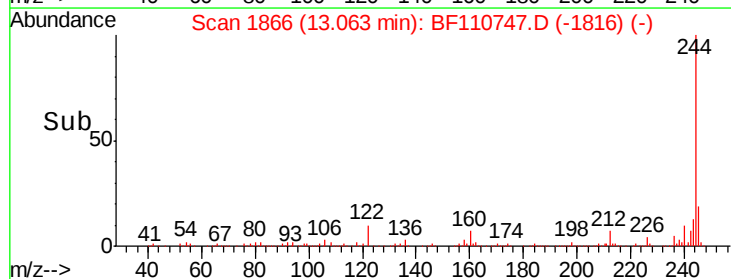
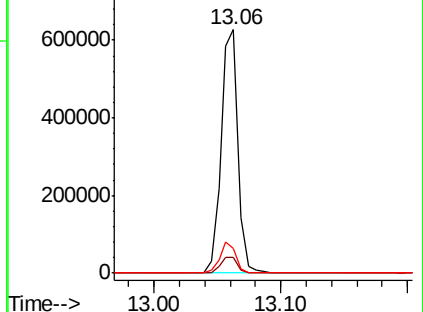
122 10.0 8.7 13.1

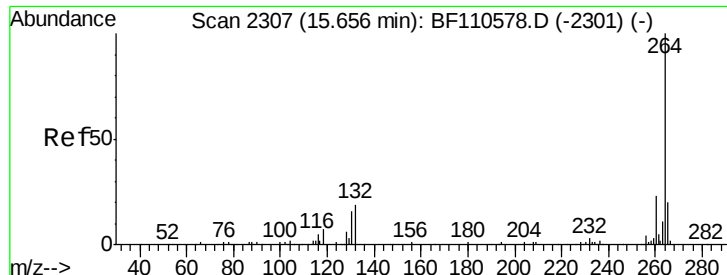


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

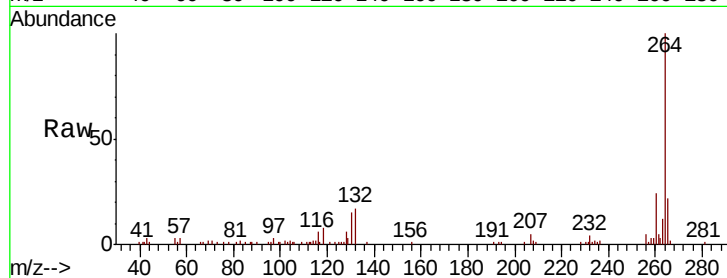




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110747.D
Acq: 14 Nov 2018 4:37

Instrument :
BNA_F
ClientSampleId :
110918-SIDI-F-D-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.6	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

