

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
 Data File : BF110701.D
 Acq On : 13 Nov 2018 4:27
 Operator : JU/SJ
 Sample : J5904-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Nov 13 07:19:26 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

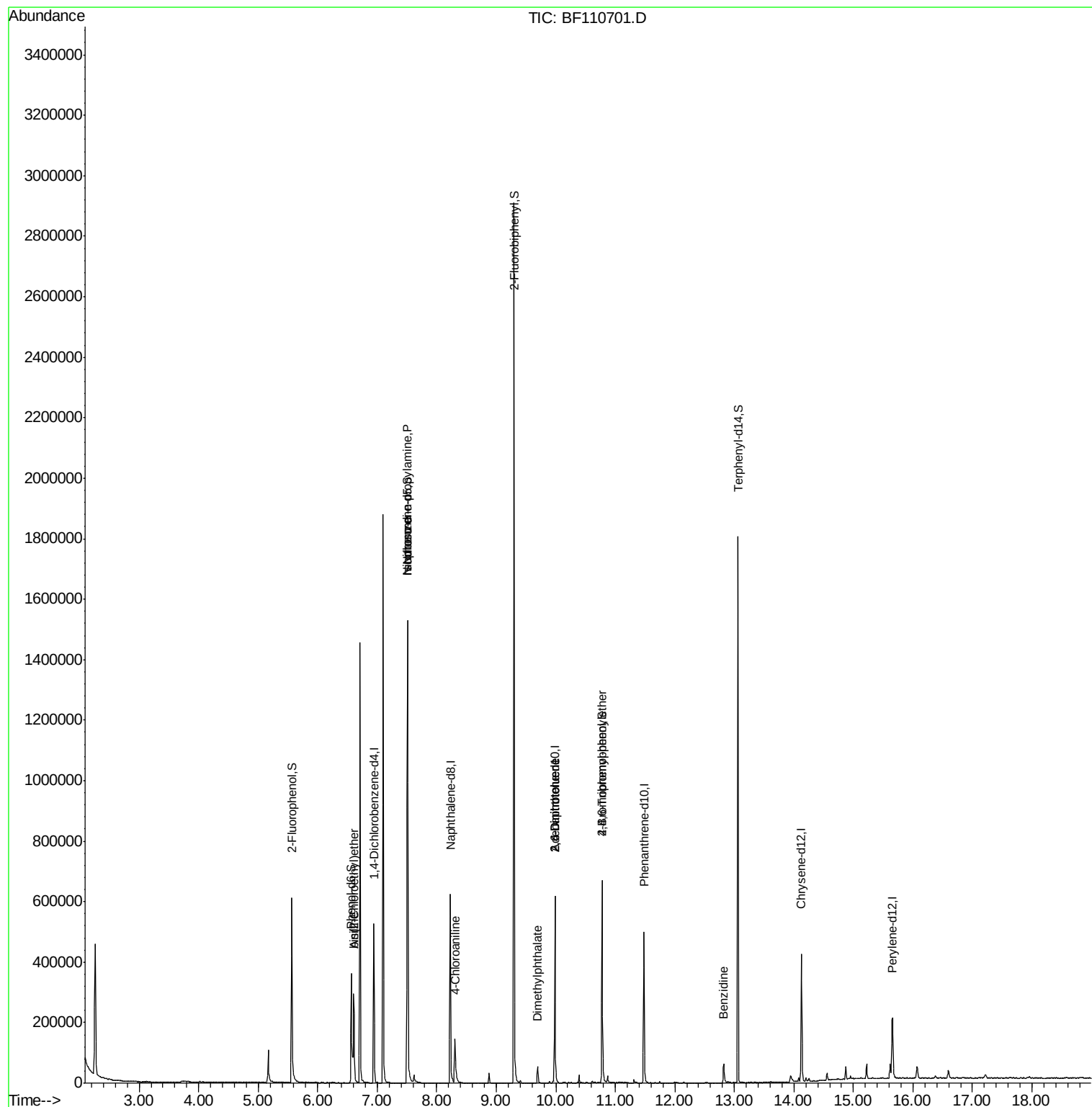
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	81757	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	323184	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	134425	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	209418	20.00	ng	0.00
76) Chrysene-d12	14.13	240	153223	20.00	ng	-0.01
87) Perylene-d12	15.66	264	112636	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	192942	38.33	ng	0.00
7) Phenol-d6	6.56	99	148656	23.10	ng	-0.01
23) Nitrobenzene-d5	7.51	82	512711	91.36	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	86954	64.20	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	908511	96.52	ng	0.00
79) Terphenyl-d14	13.06	244	604041	73.83	ng	0.00
Target Compounds						
6) Aniline	6.60	93	98316	11.713	ng	# 55
9) Benzaldehyde	6.60	77	1101	Below Cal		# 1
11) bis(2-Chloroethyl)ether	6.60	93	98316	17.578	ng	# 27
19) n-Nitroso-di-n-propylamine	7.51	70	68244	16.610	ng	# 80
25) Isophorone	7.51	82	512708	55.742	ng	# 67
33) 4-Chloroaniline	8.30	127	73303	10.667	ng	96
50) Dimethylphthalate	9.69	163	29077	2.899	ng	98
51) 2,6-Dinitrotoluene	9.99	165	16929	7.672	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	16929	5.901	ng	# 19
67) 4-Bromophenyl-phenylether	10.77	248	5454	2.356	ng	# 1
77) Benzidine	12.82	184	40565	9.627	ng	99

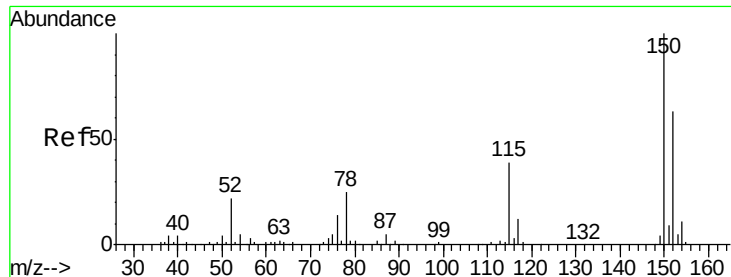
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
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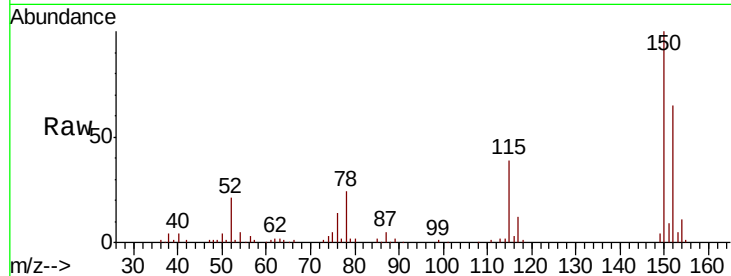


#1

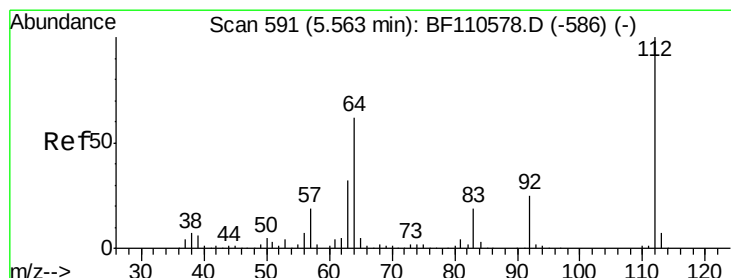
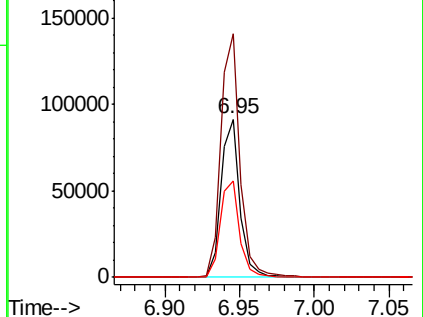
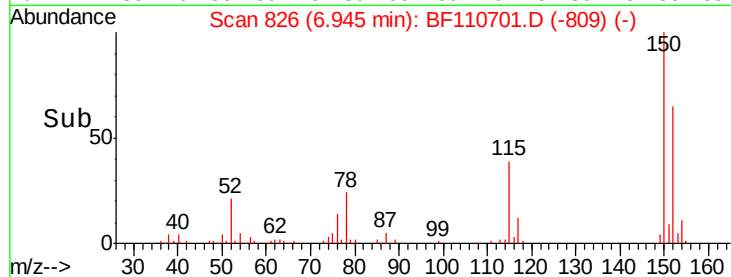
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110701.D
Acq: 13 Nov 2018 4:27

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.7	184.1
115	60.8	49.1	73.7



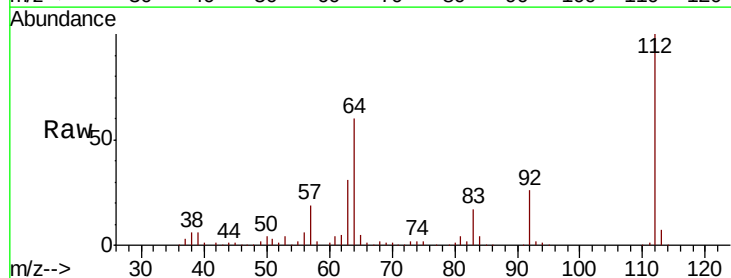
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



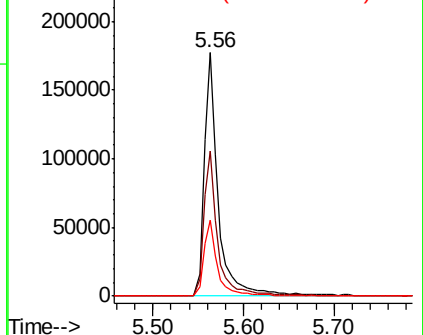
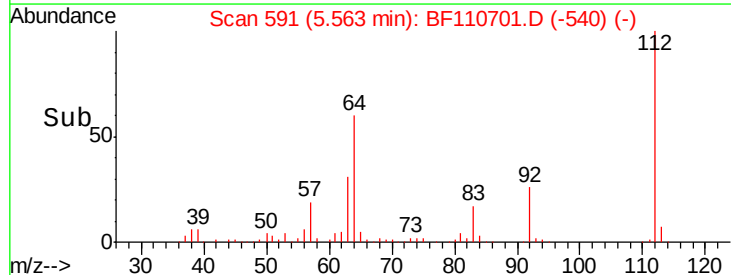
#5

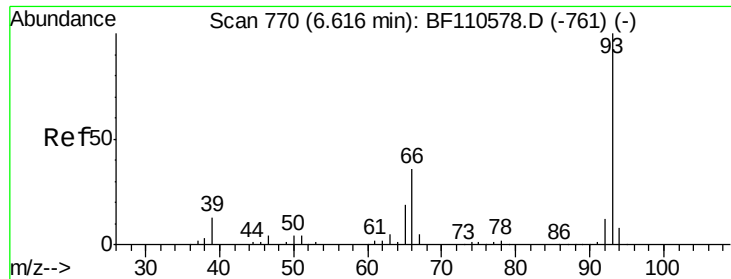
2-Fluorophenol
Concen: 38.333 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110701.D
Acq: 13 Nov 2018 4:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	44.1	66.1
63	31.1	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





#6

Aniline

Concen: 11.713 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110701.D

Acq: 13 Nov 2018 4:27

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-D-M

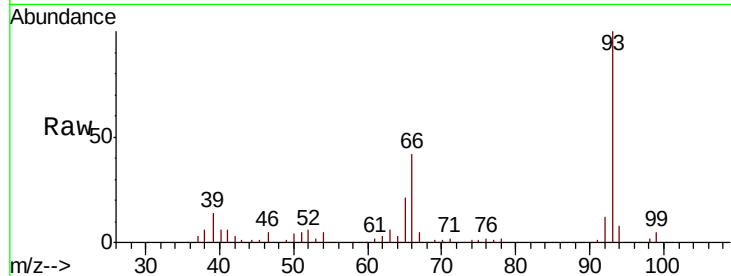
Tgt Ion: 93 Resp: 98316

Ion Ratio Lower Upper

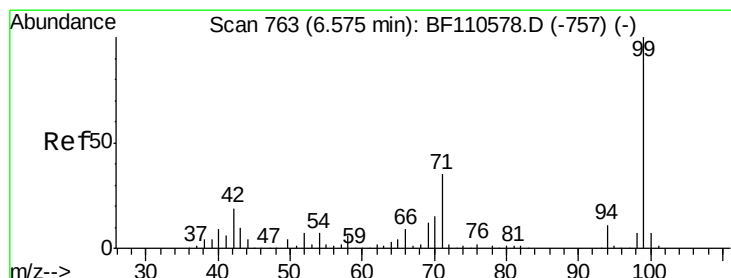
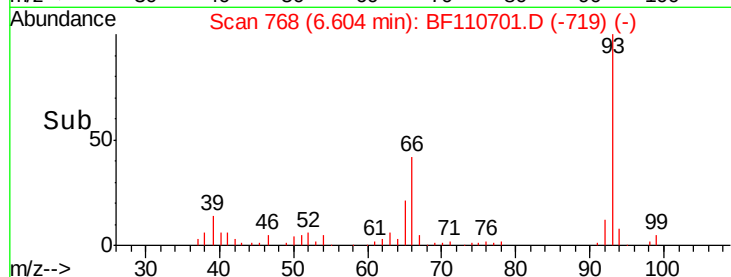
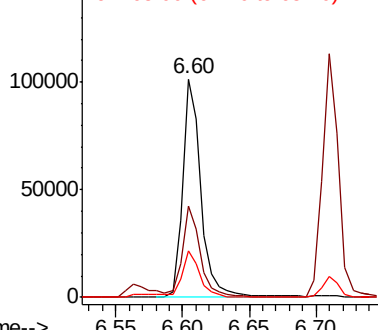
93 100

66 41.6 67.4 101.0#

65 21.5 41.0 61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 23.096 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110701.D

Acq: 13 Nov 2018 4:27

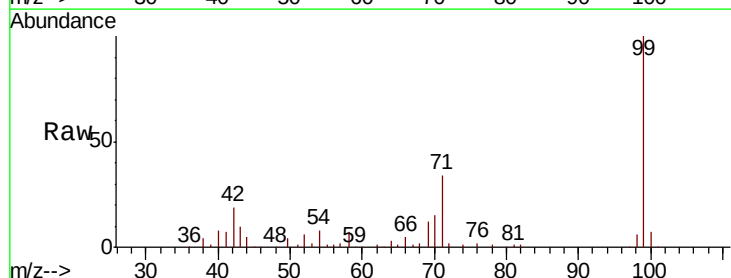
Tgt Ion: 99 Resp: 148656

Ion Ratio Lower Upper

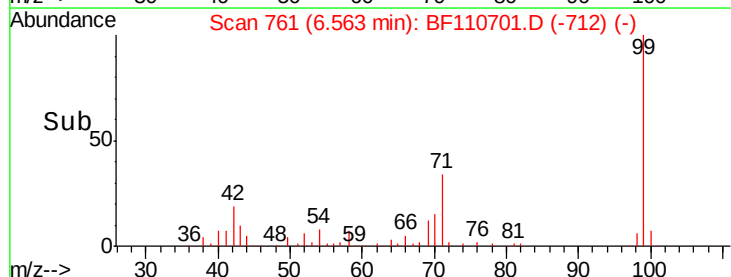
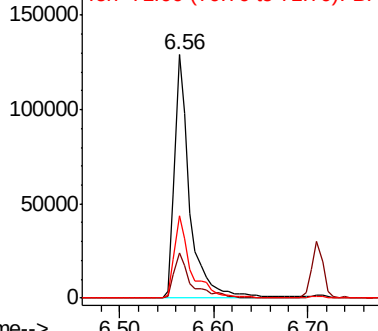
99 100

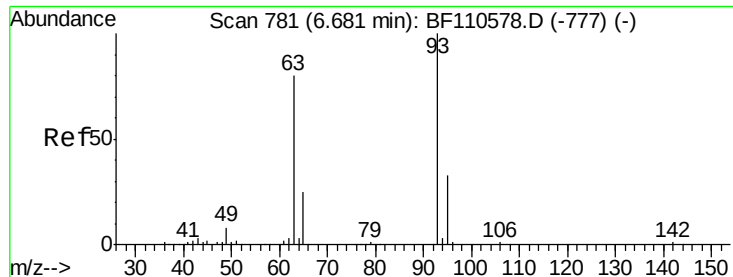
42 18.8 15.8 23.6

71 33.9 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

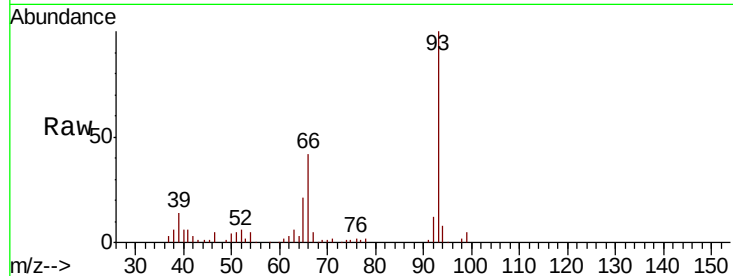




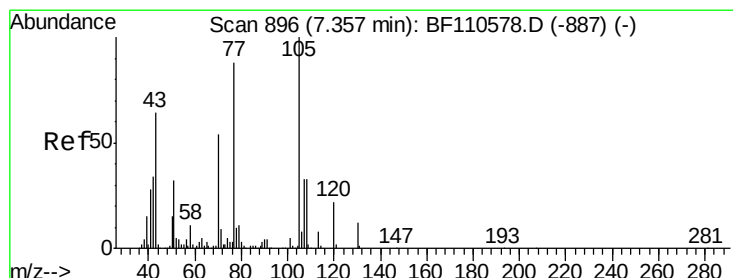
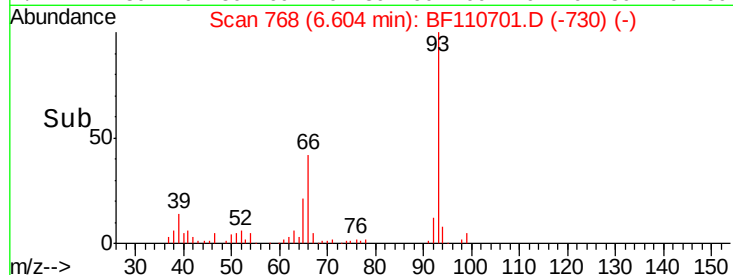
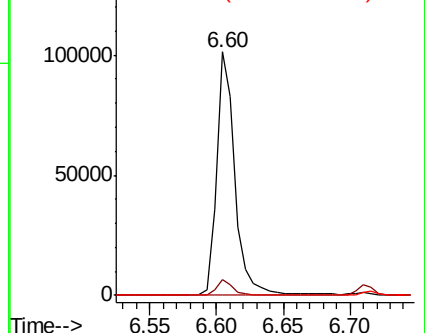
#11
bis(2-Chloroethyl)ether
Concen: 17.578 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.08 min
Lab File: BF110701.D
Acq: 13 Nov 2018 4:27

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

Tgt Ion	Ratio	Lower	Upper
93	100		
63	6.3	53.4	93.4#
95	0.3	12.1	52.1#



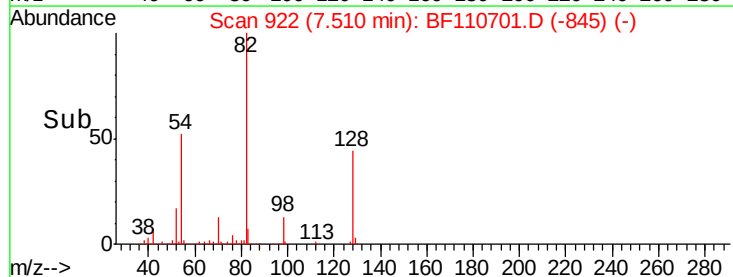
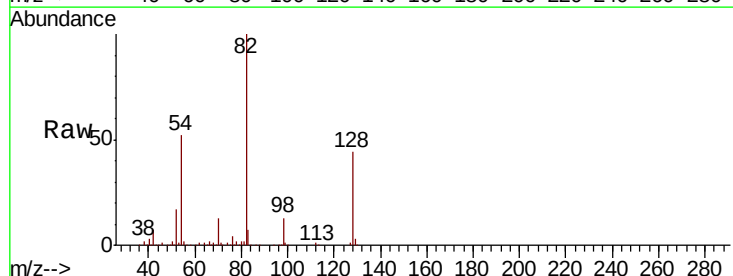
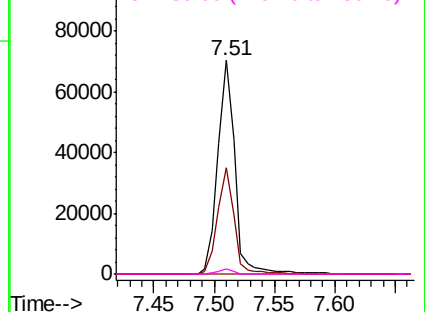
Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

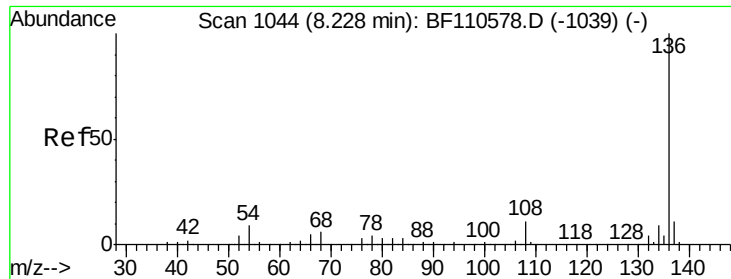


#19
n-Nitroso-di-n-propylamine
Concen: 16.610 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110701.D
Acq: 13 Nov 2018 4:27

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.6	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	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): BF1
Ion 130.00 (129.70 to 130.70): BF1

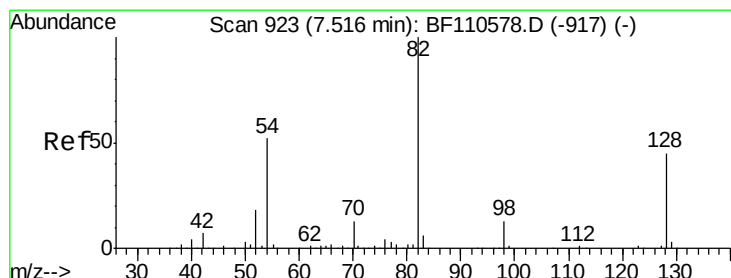
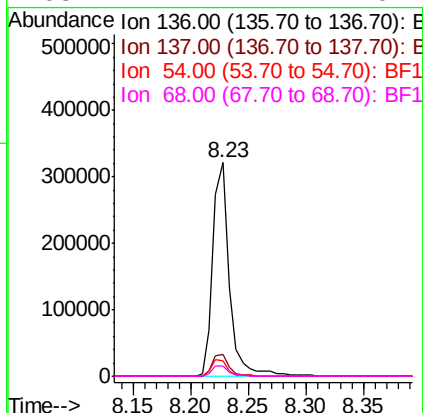
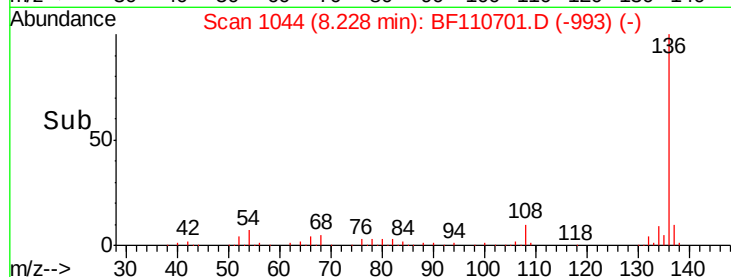
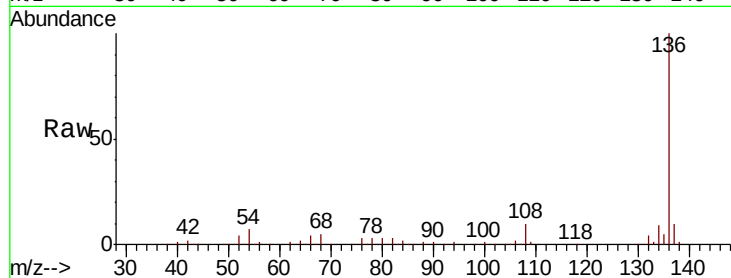




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110701.D
Acq: 13 Nov 2018 4:27

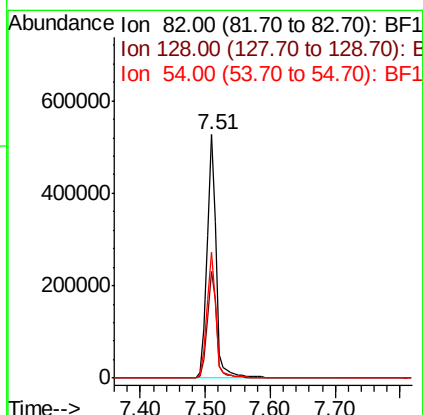
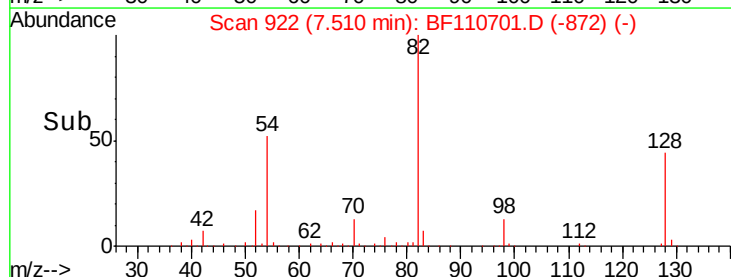
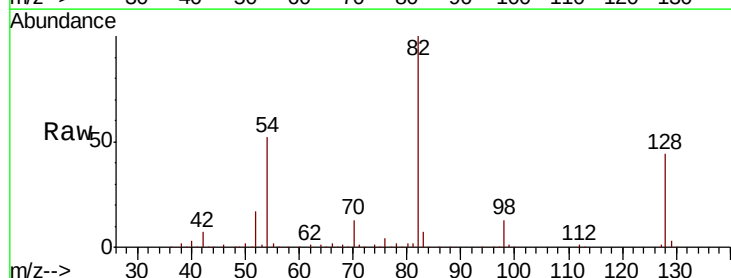
Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-D-M

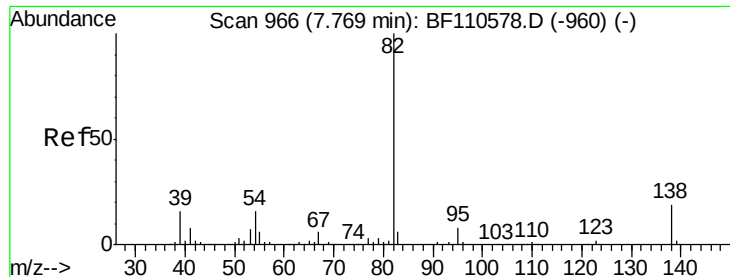
Tgt Ion:	136	Resp:	323184
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	7.3	5.4	8.2
68	4.7	4.2	6.2



#23
Nitrobenzene-d5
Concen: 91.362 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110701.D
Acq: 13 Nov 2018 4:27

Tgt Ion:	82	Resp:	512711
Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.2	51.2
54	51.8	38.6	58.0





#25

Isophorone

Concen: 55.742 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110701.D

Acq: 13 Nov 2018 4:27

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-D-M

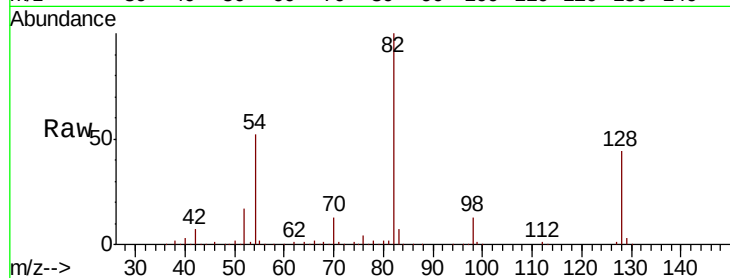
Tgt Ion: 82 Resp: 512708

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

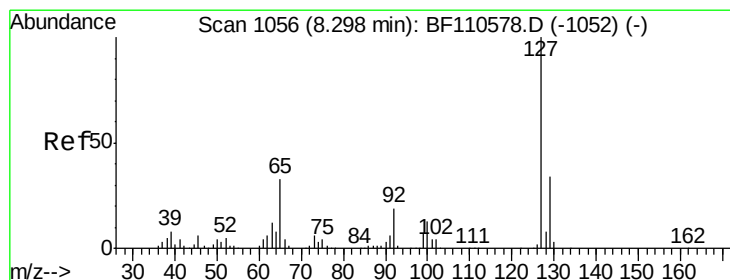
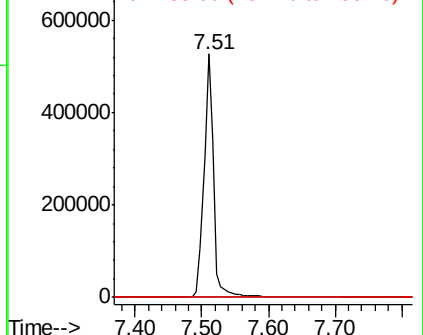
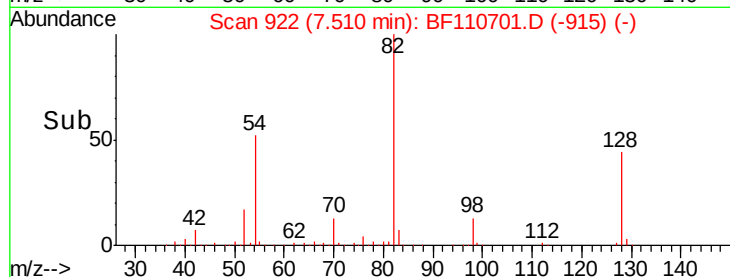
138 0.0 13.2 19.8#



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



#33

4-Chloroaniline

Concen: 10.667 ng

RT: 8.30 min Scan# 1057

Delta R.T. 0.01 min

Lab File: BF110701.D

Acq: 13 Nov 2018 4:27

Tgt Ion: 127 Resp: 73303

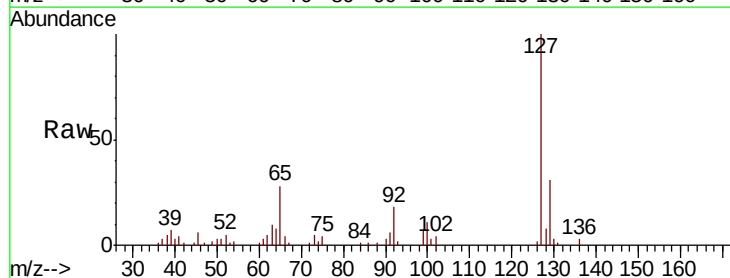
Ion Ratio Lower Upper

127 100

129 31.1 26.0 39.0

65 28.2 25.1 37.7

92 17.7 15.0 22.6

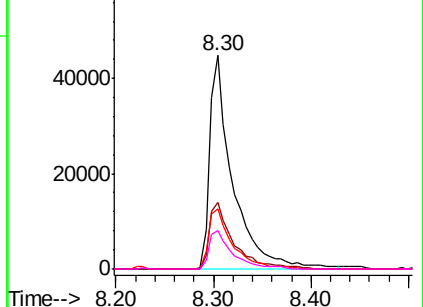
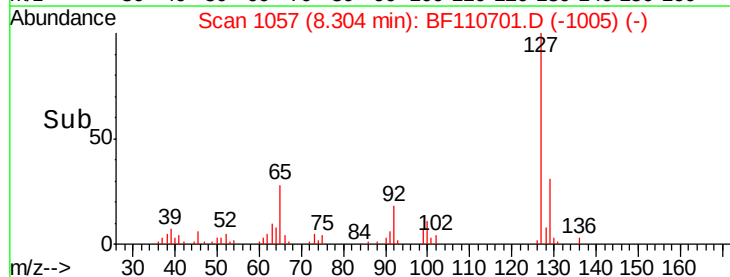


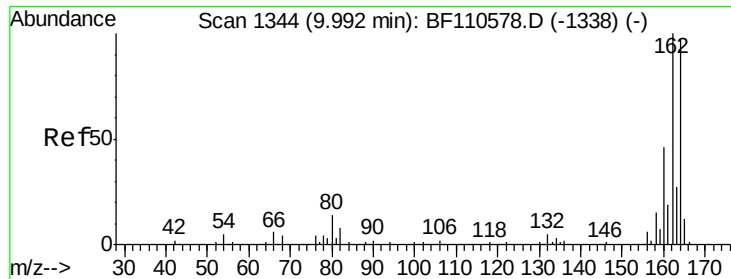
Abundance Ion 127.00 (126.70 to 127.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110701.D

Acq: 13 Nov 2018 4:27

Instrument :

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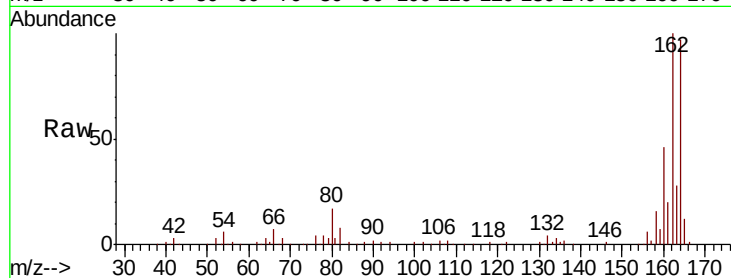
Tgt Ion:164 Resp: 134425

Ion Ratio Lower Upper

164 100

162 103.5 83.0 124.6

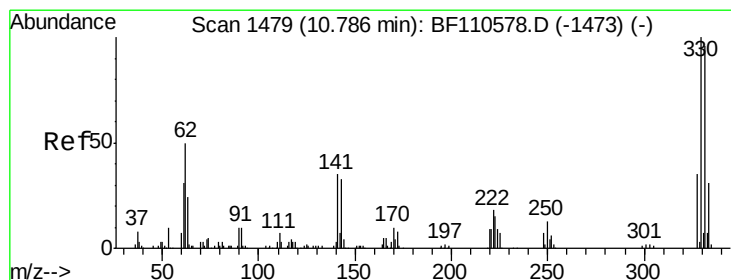
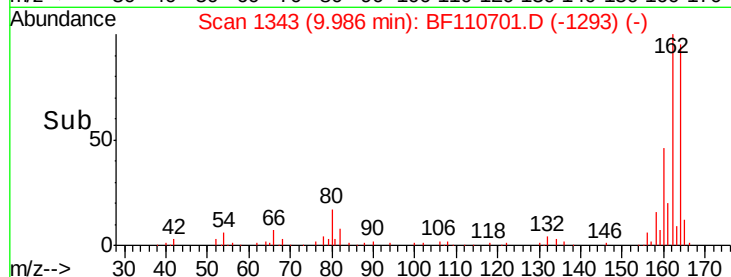
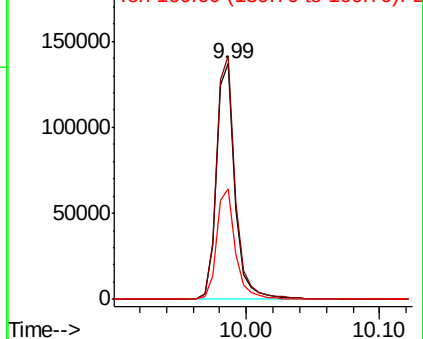
160 47.2 37.0 55.6



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: 64.196 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110701.D

Acq: 13 Nov 2018 4:27

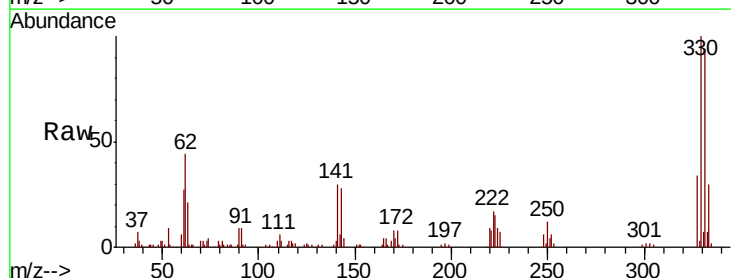
Tgt Ion:330 Resp: 86954

Ion Ratio Lower Upper

330 100

332 94.9 77.1 115.7

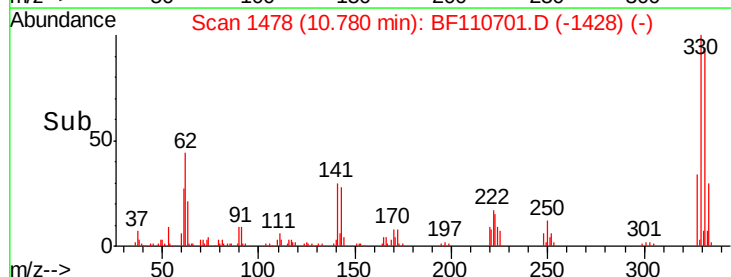
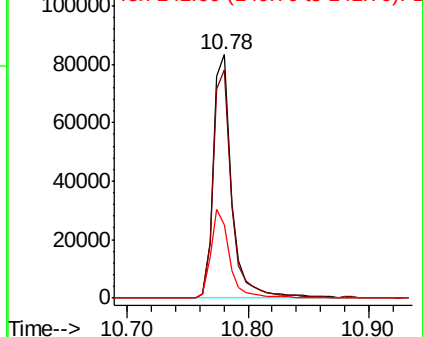
141 37.1 27.0 40.4

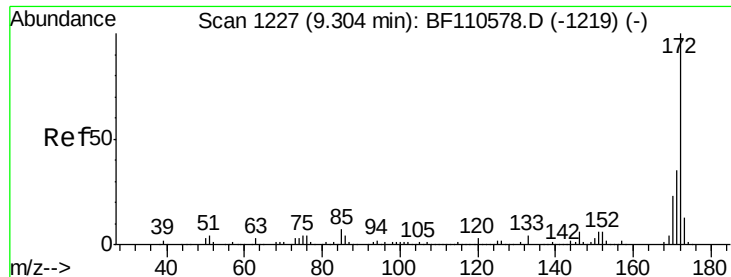


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 96.524 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110701.D

Acq: 13 Nov 2018 4:27

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-D-M

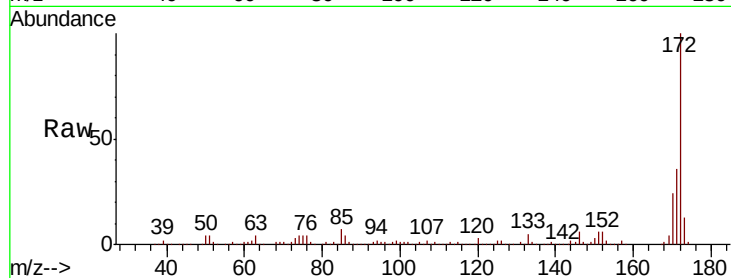
Tgt Ion:172 Resp: 908511

Ion Ratio Lower Upper

172 100

171 36.5 28.6 43.0

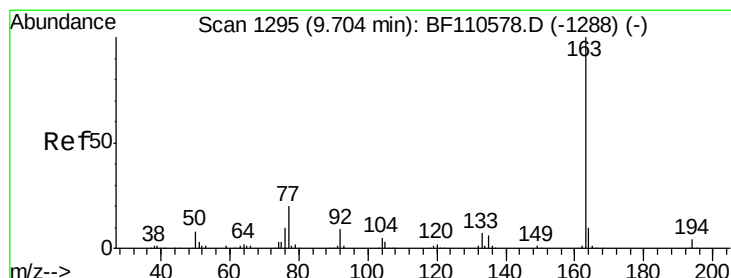
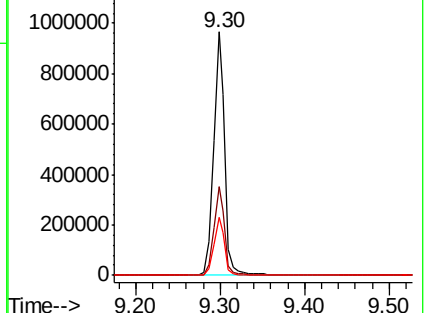
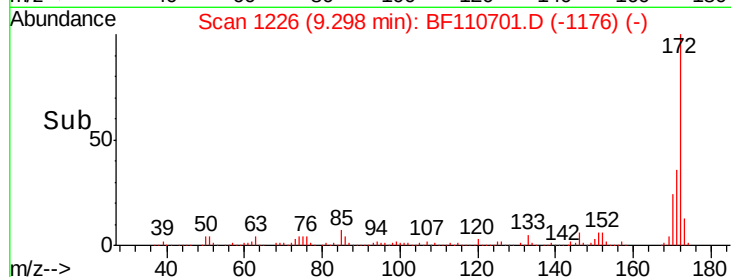
170 24.1 19.7 29.5



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: 2.899 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110701.D

Acq: 13 Nov 2018 4:27

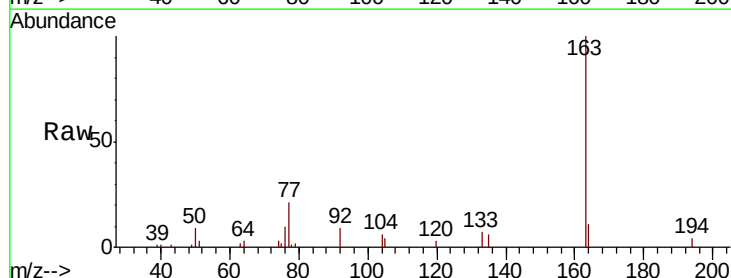
Tgt Ion:163 Resp: 29077

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

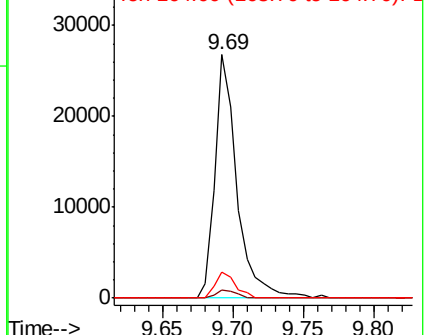
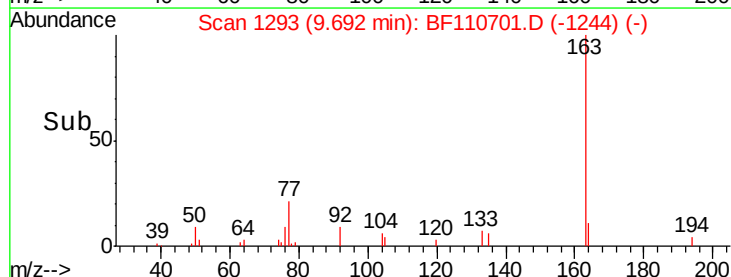
164 10.8 8.1 12.1

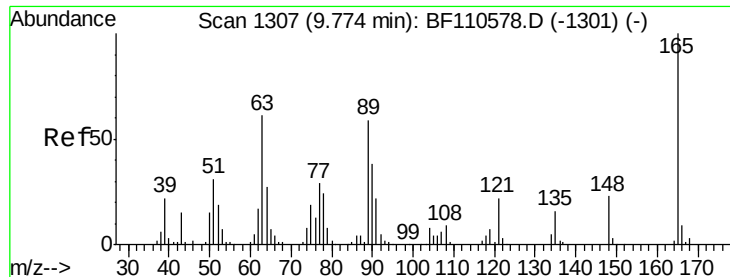


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

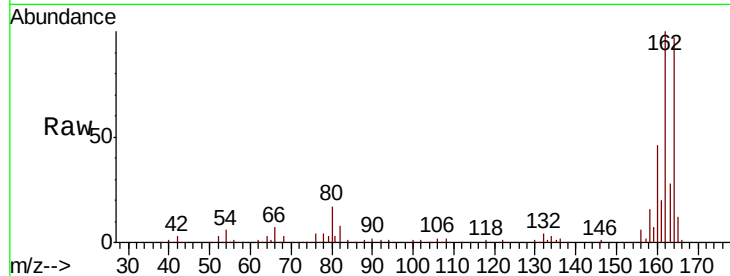




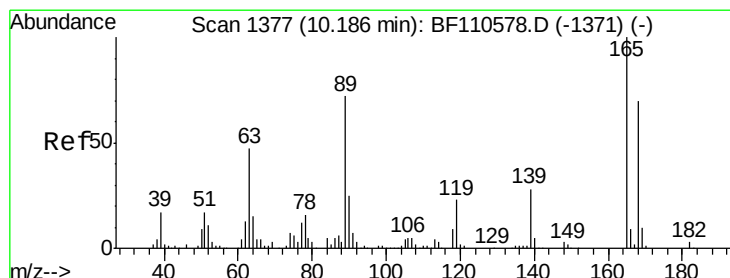
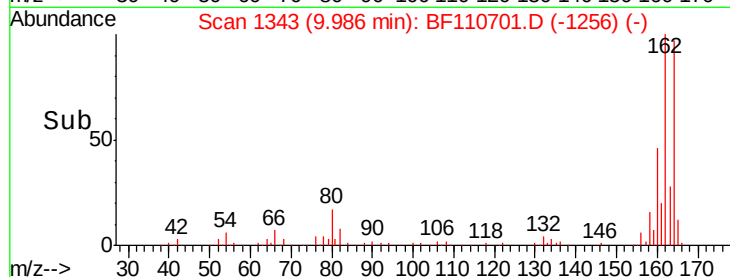
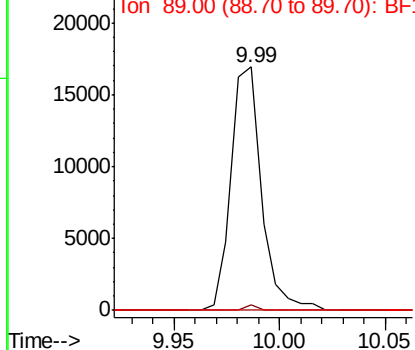
#51
 2,6-Dinitrotoluene
 Concen: 7.672 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110701.D
 Acq: 13 Nov 2018 4:27

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	48.9	73.3#
89	0.0	46.6	69.8#



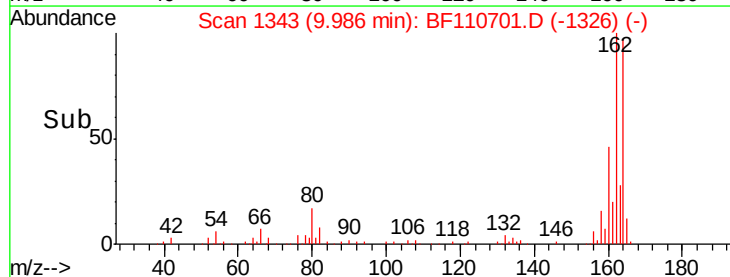
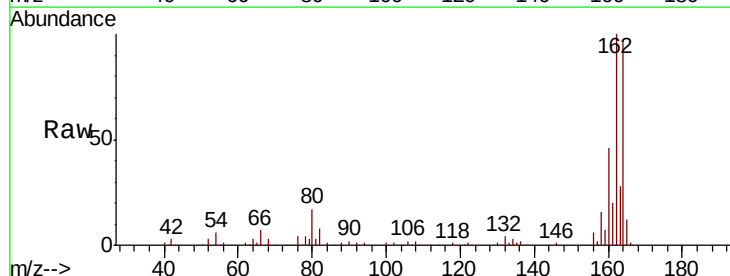
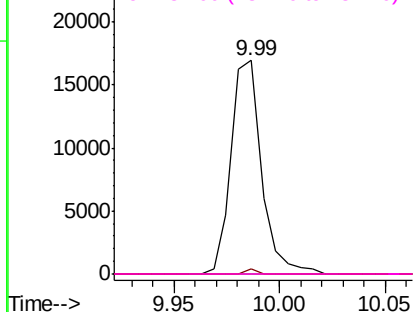
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

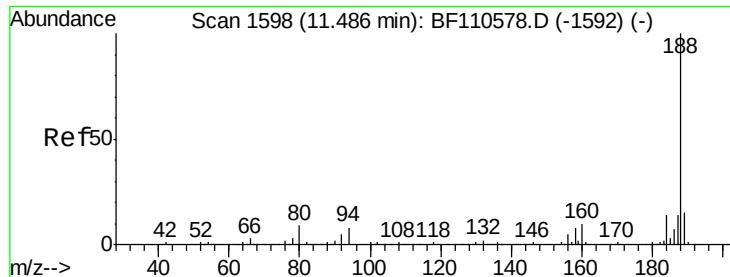


#57
 2,4-Dinitrotoluene
 Concen: 5.901 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110701.D
 Acq: 13 Nov 2018 4:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	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

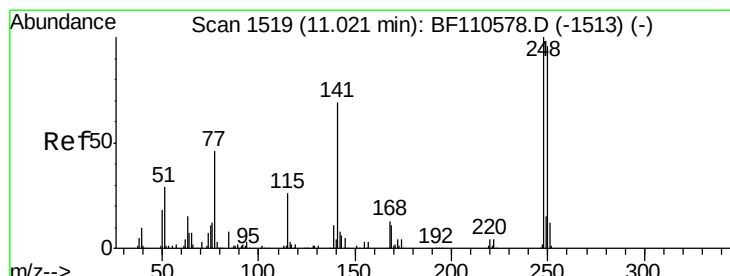
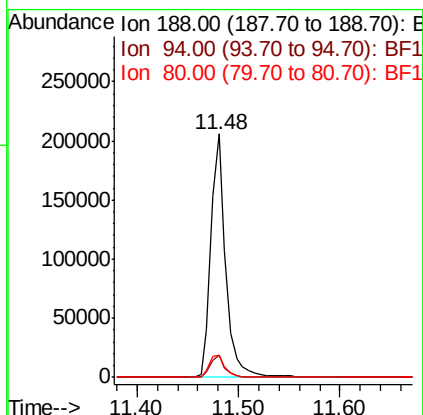
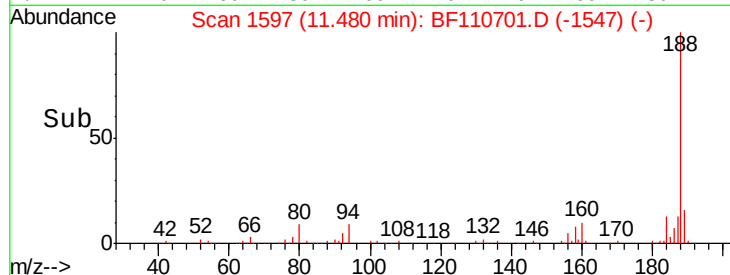
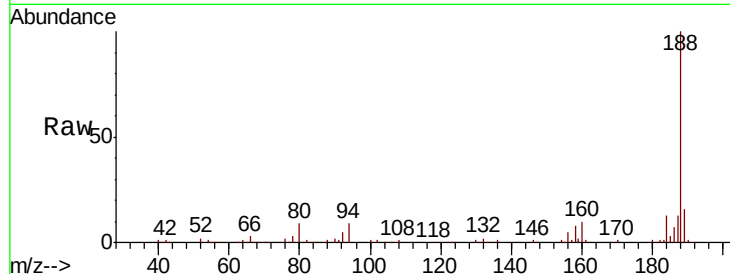




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110701.D
 Acq: 13 Nov 2018 4:27

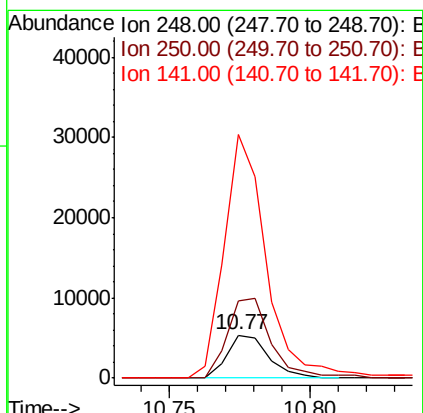
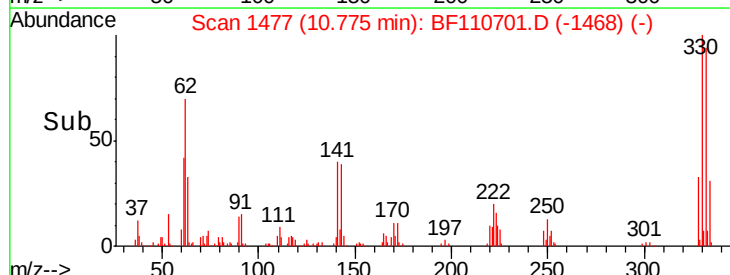
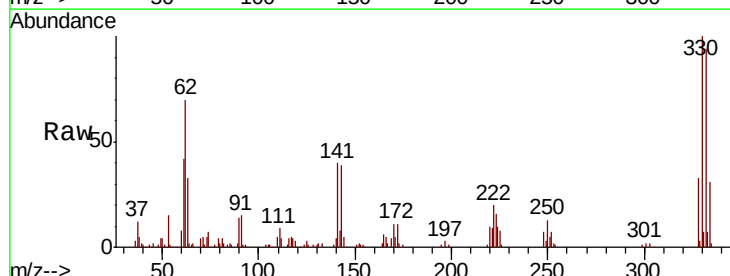
Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-D-M

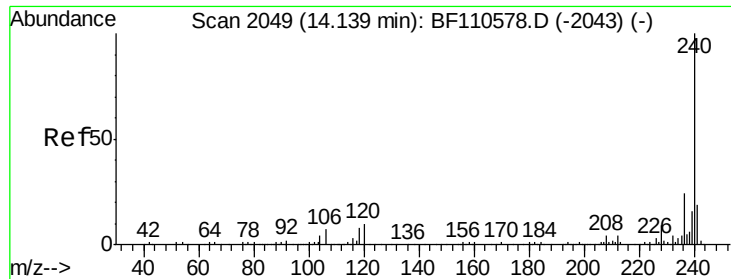
Tgt Ion:	188	Resp:	209418
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.2	7.9	11.9



#67
 4-Bromophenyl-phenylether
 Concen: 2.356 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF110701.D
 Acq: 13 Nov 2018 4:27

Tgt Ion:	248	Resp:	5454
Ion	Ratio	Lower	Upper
248	100		
250	178.9	79.4	119.2#
141	568.3	55.9	83.9#

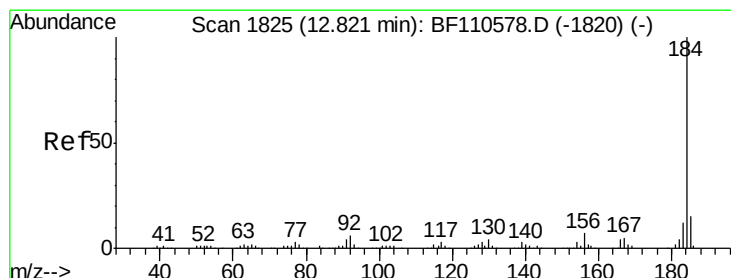
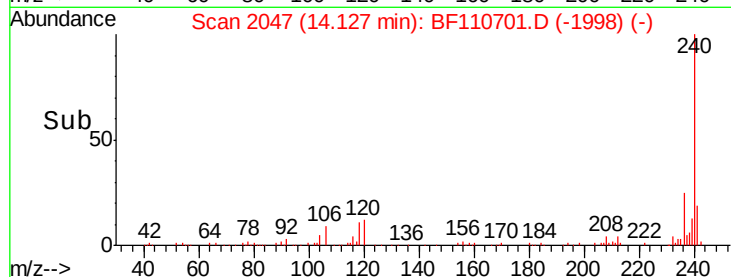
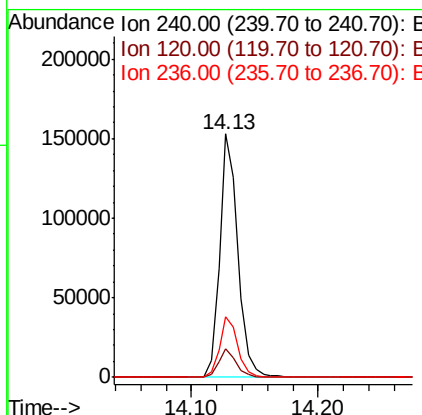
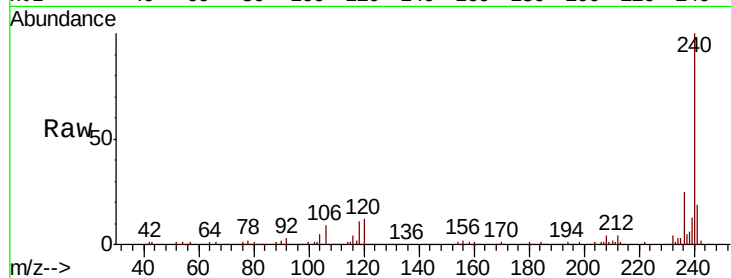




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110701.D
 Acq: 13 Nov 2018 4:27

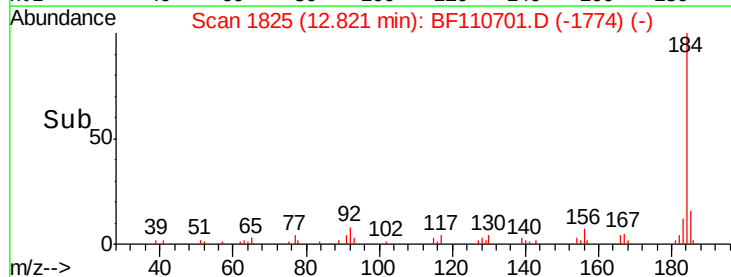
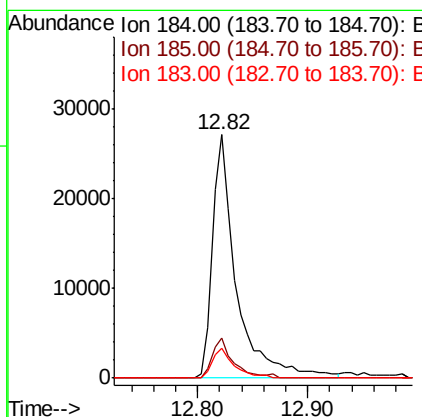
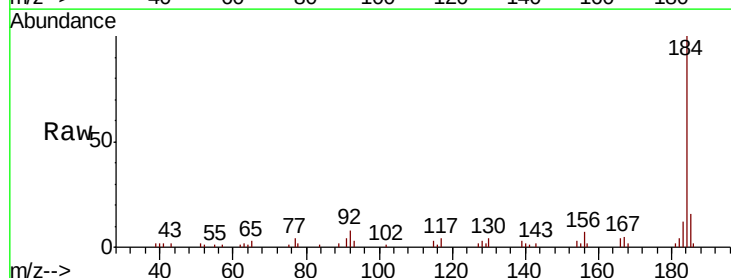
Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-D-M

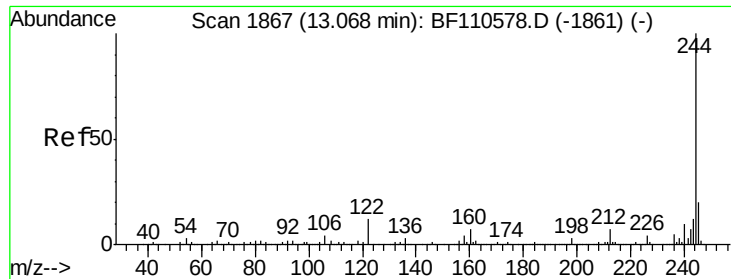
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	24.9	21.2	31.8



#77
 Benzidine
 Concen: 9.627 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF110701.D
 Acq: 13 Nov 2018 4:27

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.3	13.4	20.2
183	12.1	9.4	14.2





#79

Terphenyl-d14

Concen: 73.829 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110701.D

Acq: 13 Nov 2018 4:27

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-D-M

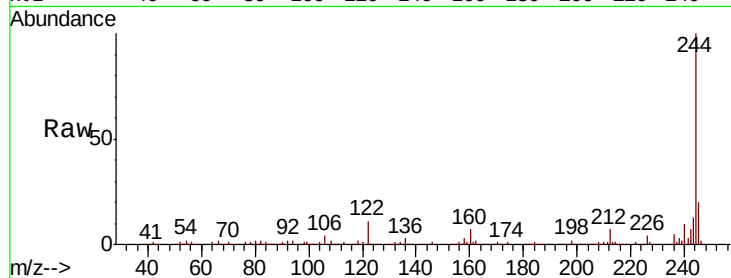
Tgt Ion:244 Resp: 604041

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

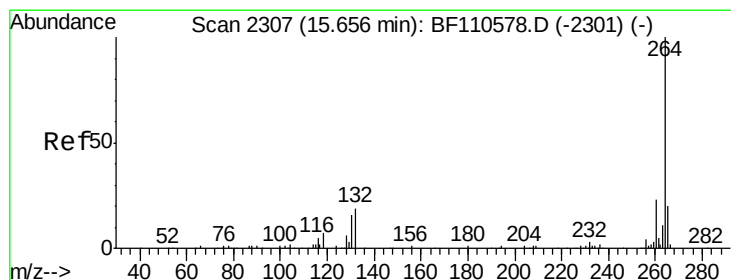
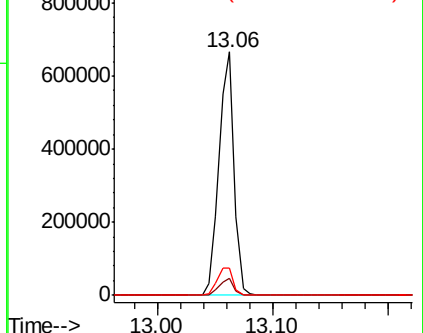
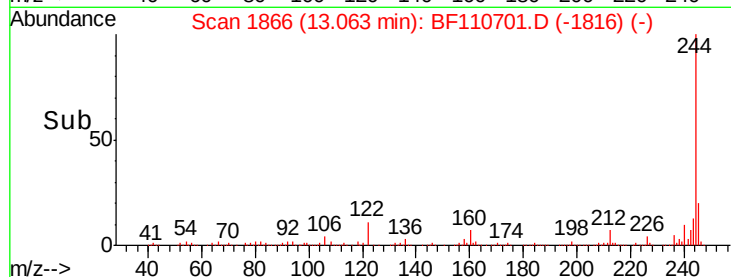
122 11.1 8.7 13.1



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: BF110701.D

Acq: 13 Nov 2018 4:27

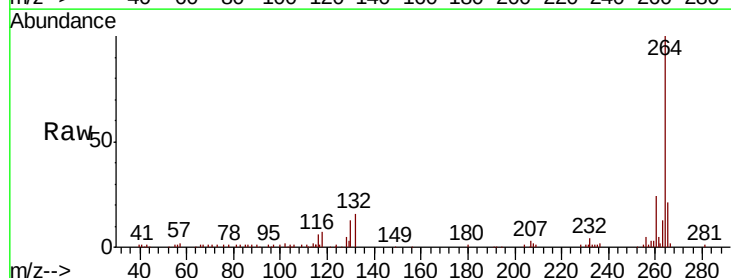
Tgt Ion:264 Resp: 112636

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.2 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

