

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
 Data File : BF110705.D
 Acq On : 13 Nov 2018 6:18
 Operator : JU/SJ
 Sample : J5904-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Nov 13 07:20:03 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

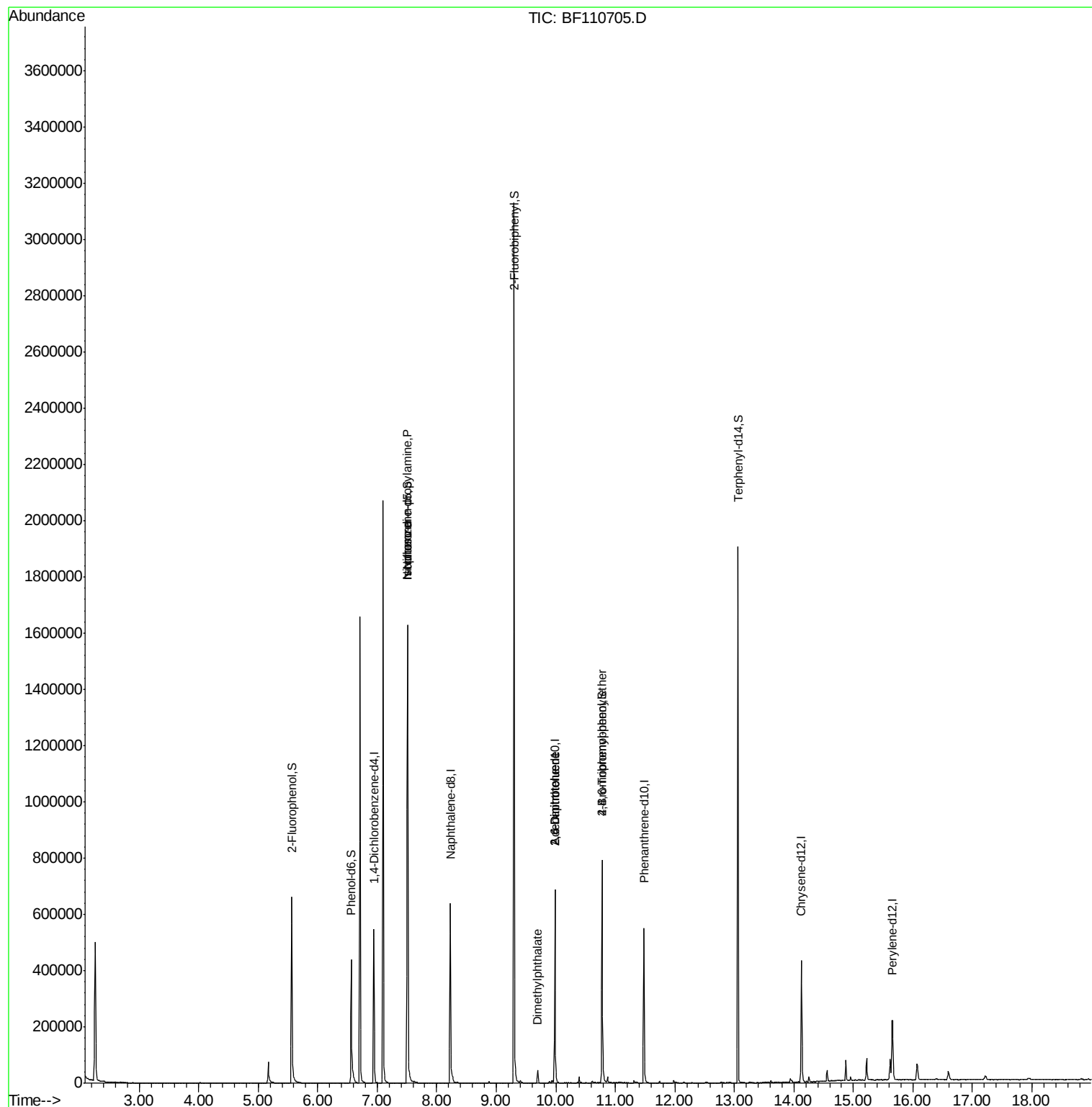
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	85434	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	349595	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	145320	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	227530	20.00	ng	0.00
76) Chrysene-d12	14.13	240	160420	20.00	ng	-0.01
87) Perylene-d12	15.66	264	119913	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	217042	41.27	ng	0.00
7) Phenol-d6	6.56	99	164830	24.51	ng	-0.01
23) Nitrobenzene-d5	7.51	82	579716	95.50	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	98438	67.23	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	1011311	99.39	ng	0.00
79) Terphenyl-d14	13.06	244	637194	74.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	76058	17.715	ng	Qvalue # 80
25) Isophorone	7.51	82	579712	58.265	ng	# 67
50) Dimethylphthalate	9.69	163	25484	2.350	ng	98
51) 2,6-Dinitrotoluene	9.99	165	18503	7.757	ng	# 22
57) 2,4-Dinitrotoluene	9.99	165	18503	5.966	ng	# 18
67) 4-Bromophenyl-phenylether	10.77	248	6148	2.445	ng	# 1

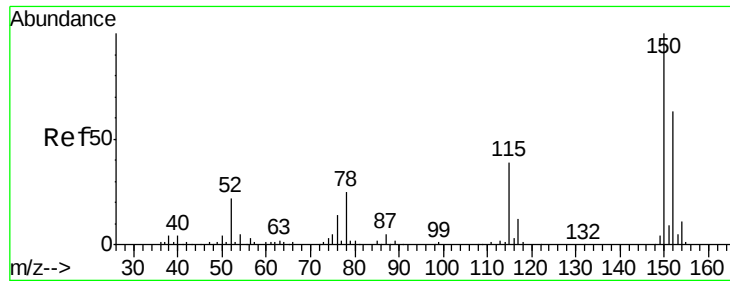
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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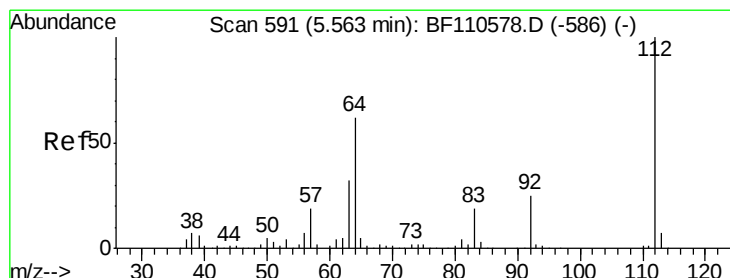
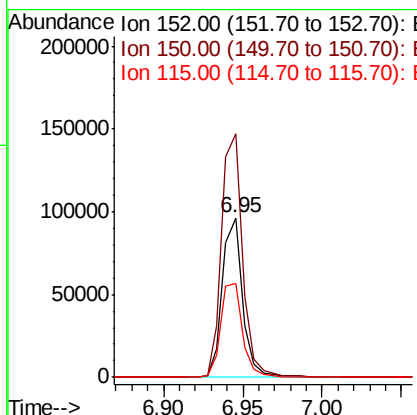
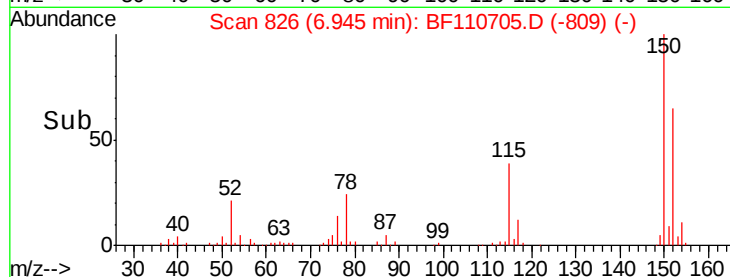
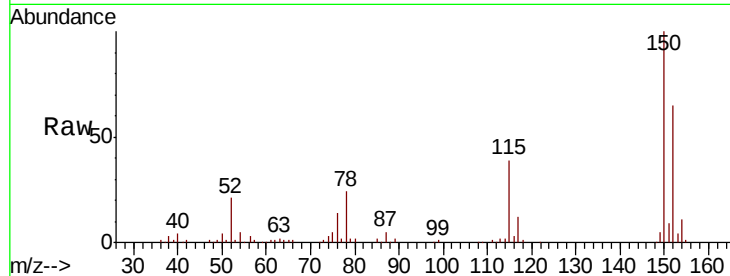




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110705.D
 Acq: 13 Nov 2018 6:18

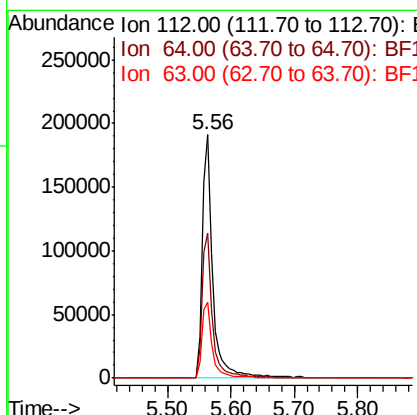
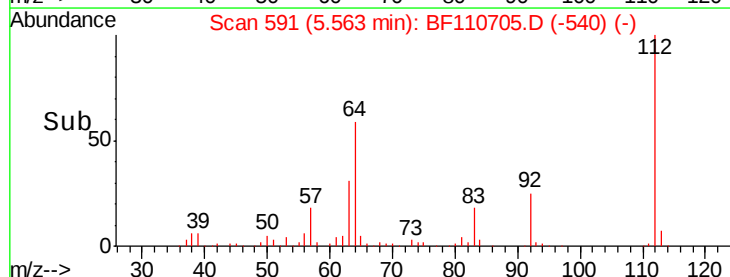
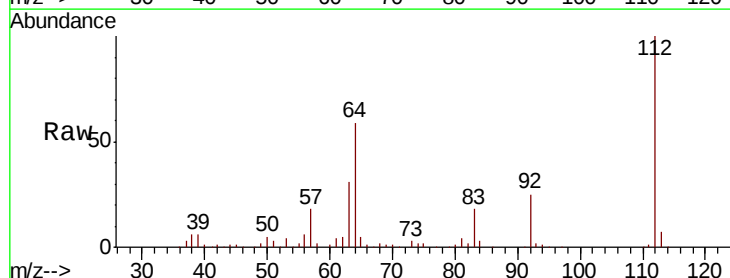
Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-U-S

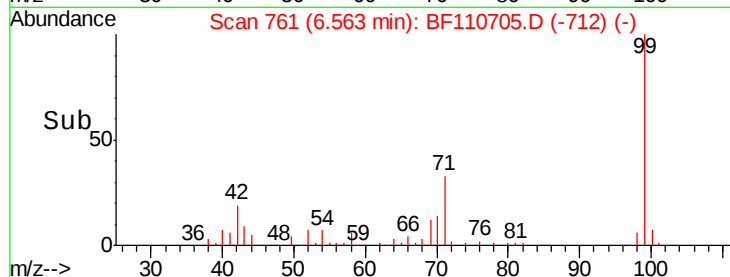
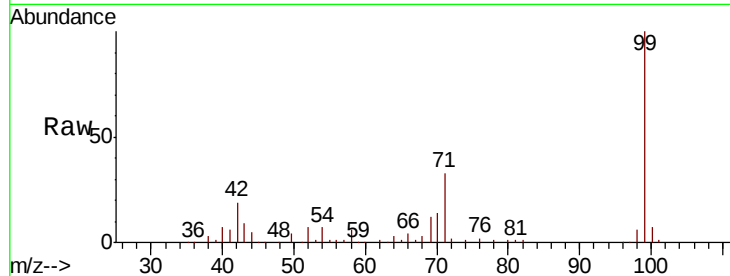
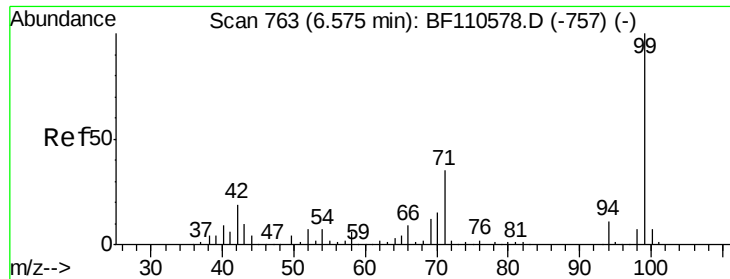
Tgt Ion:152 Resp: 85434
 Ion Ratio Lower Upper
 152 100
 150 152.8 122.7 184.1
 115 59.1 49.1 73.7



#5
 2-Fluorophenol
 Concen: 41.265 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110705.D
 Acq: 13 Nov 2018 6:18

Tgt Ion:112 Resp: 217042
 Ion Ratio Lower Upper
 112 100
 64 59.5 44.1 66.1
 63 31.3 23.7 35.5





#7

Phenol-d6

Concen: 24.507 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110705.D

Acq: 13 Nov 2018 6:18

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-U-S

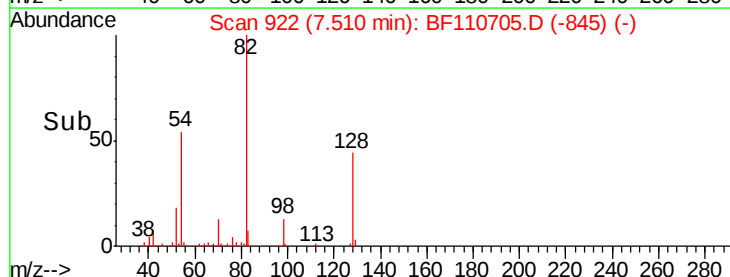
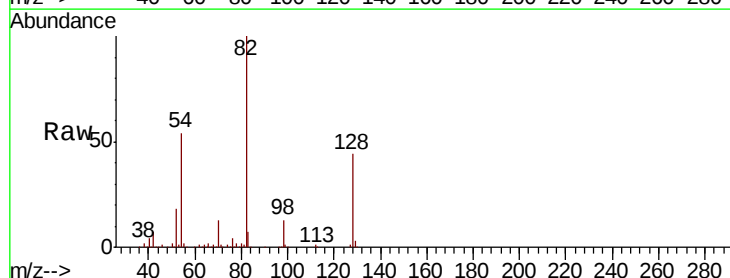
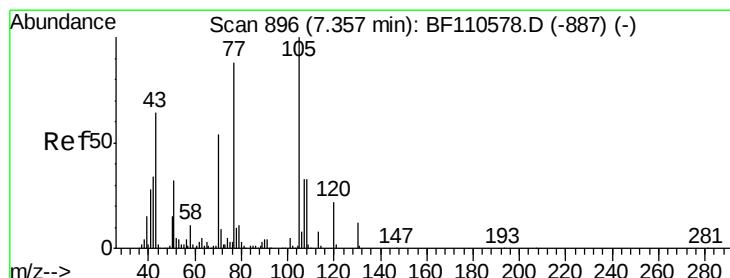
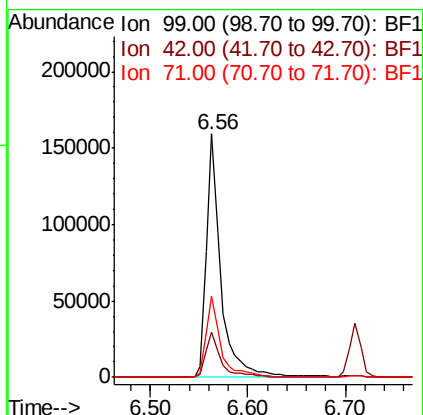
Tgt Ion: 99 Resp: 164830

Ion Ratio Lower Upper

99 100

42 18.8 15.8 23.6

71 33.4 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.715 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110705.D

Acq: 13 Nov 2018 6:18

Tgt Ion: 70 Resp: 76058

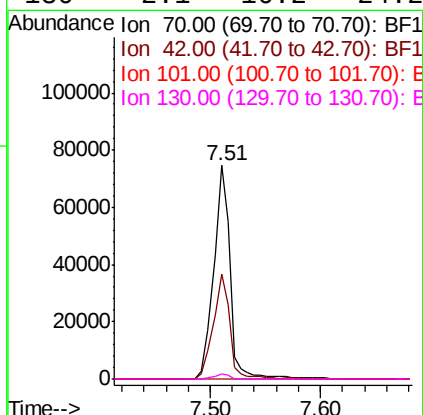
Ion Ratio Lower Upper

70 100

42 49.4 47.4 71.2

101 0.0 7.3 10.9#

130 2.1 16.2 24.2#

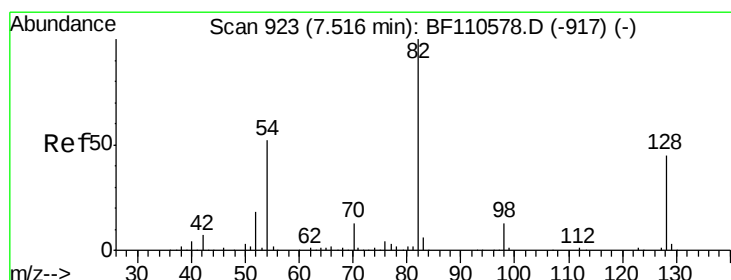
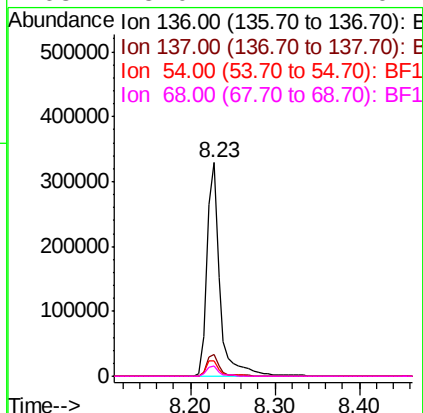
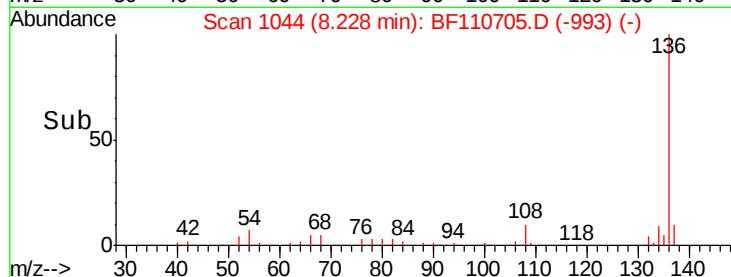
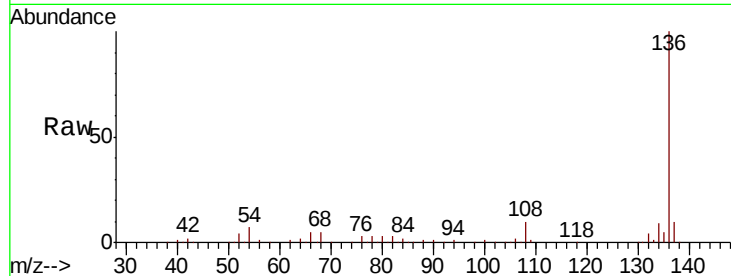




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110705.D
Acq: 13 Nov 2018 6:18

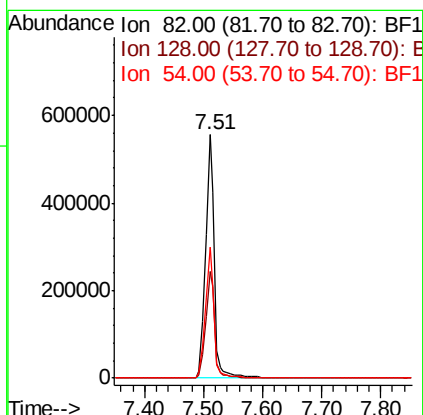
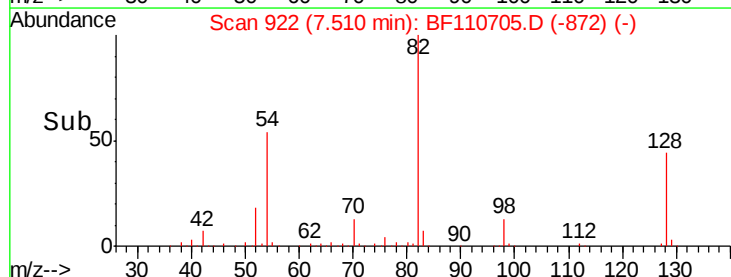
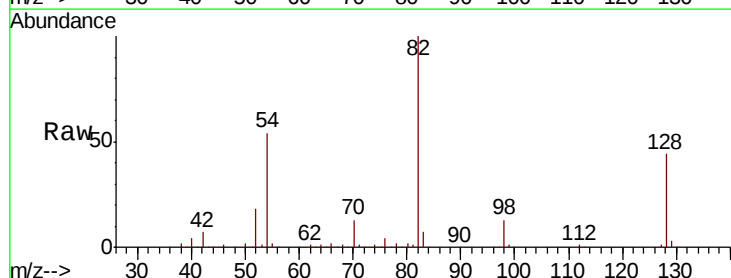
Instrument :
BNA_F
ClientSampleId :
110818-SIDI-F-U-S

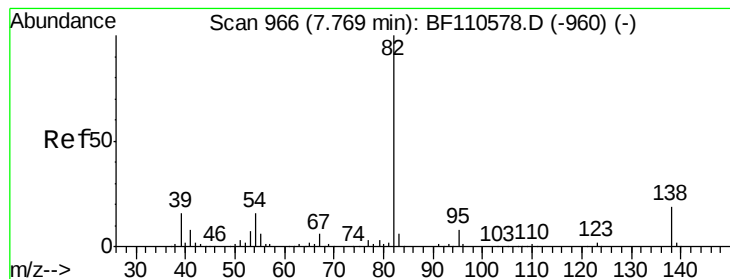
Tgt Ion:	136	Resp:	349595
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.4	5.4	8.2
68	5.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 95.498 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110705.D
Acq: 13 Nov 2018 6:18

Tgt Ion:	82	Resp:	579716
Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.2	51.2
54	54.0	38.6	58.0





#25

Isophorone

Concen: 58.265 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110705.D

Acq: 13 Nov 2018 6:18

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-U-S

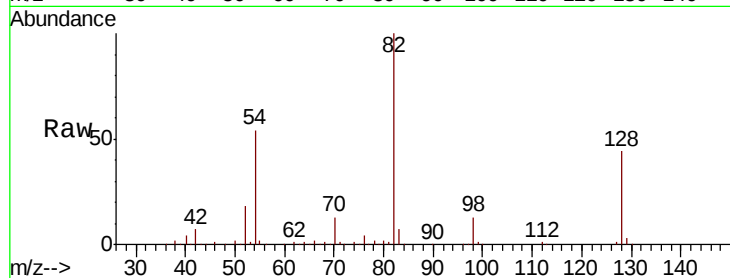
Tgt Ion: 82 Resp: 579712

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

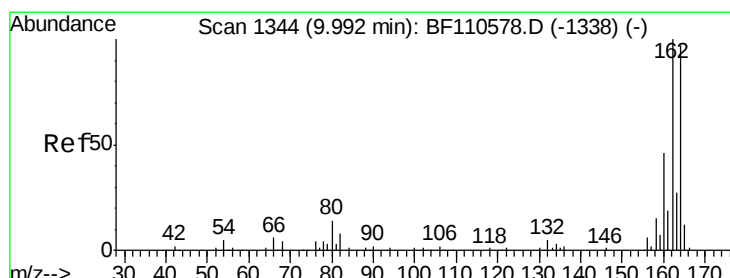
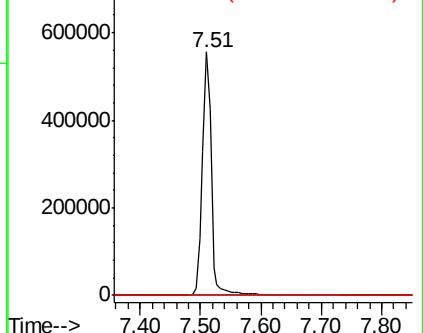
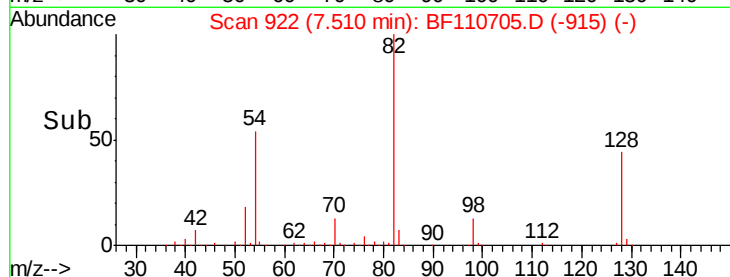
138 0.0 13.2 19.8#



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: BF110705.D

Acq: 13 Nov 2018 6:18

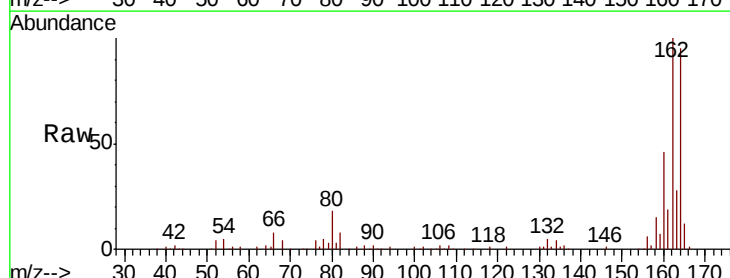
Tgt Ion: 164 Resp: 145320

Ion Ratio Lower Upper

164 100

162 105.4 83.0 124.6

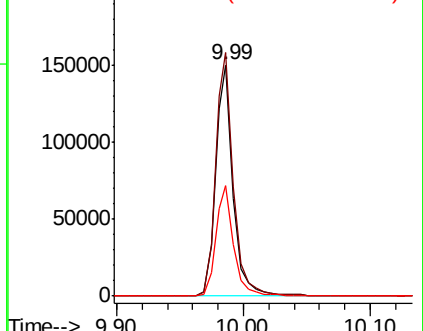
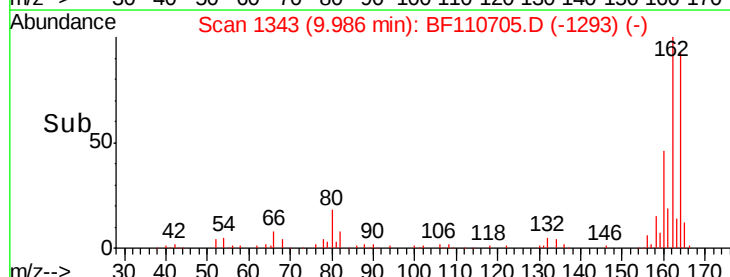
160 48.1 37.0 55.6

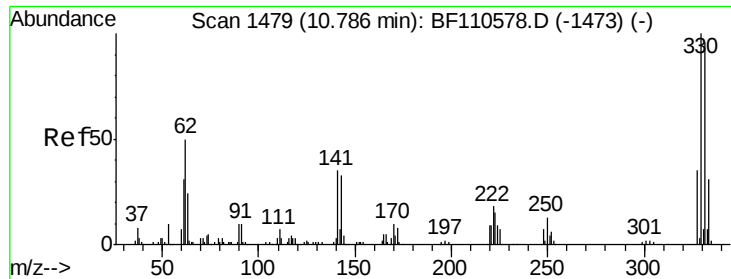


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

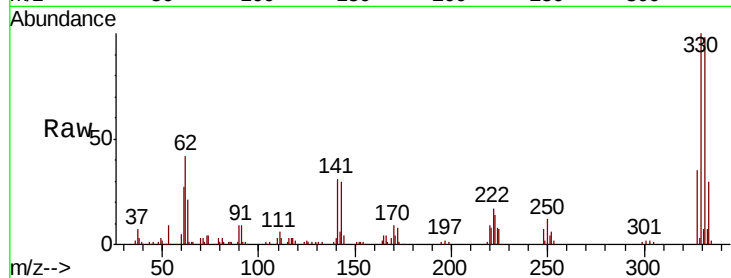




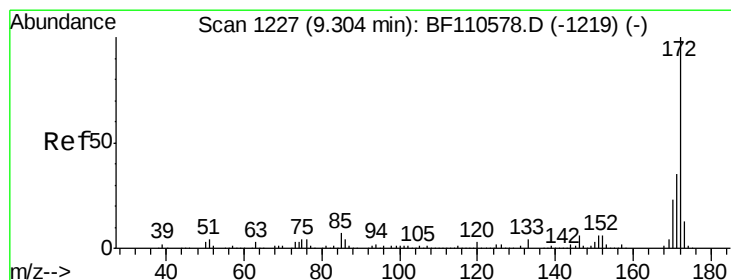
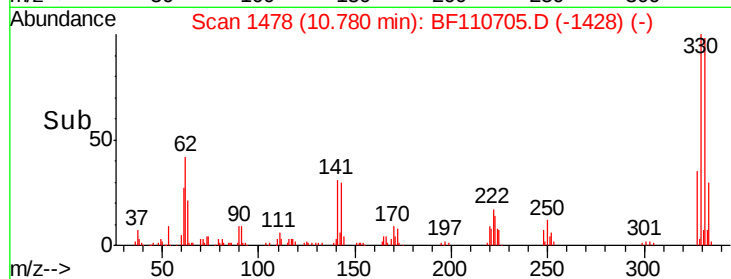
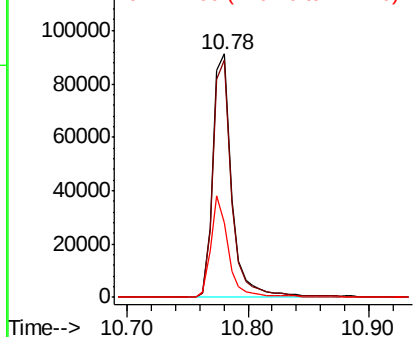
#42
 2,4,6-Tribromophenol
 Concen: 67.226 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110705.D
 Acq: 13 Nov 2018 6:18

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

Tgt Ion:330 Resp: 98438
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.1 115.7
 141 38.4 27.0 40.4

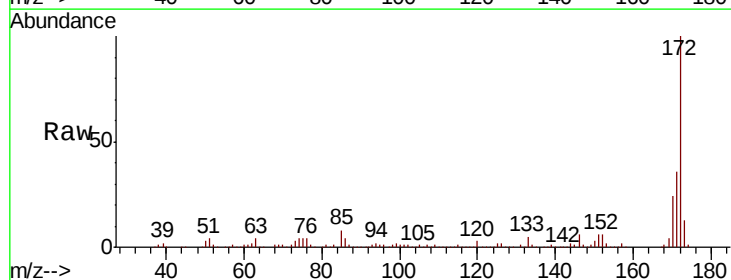


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

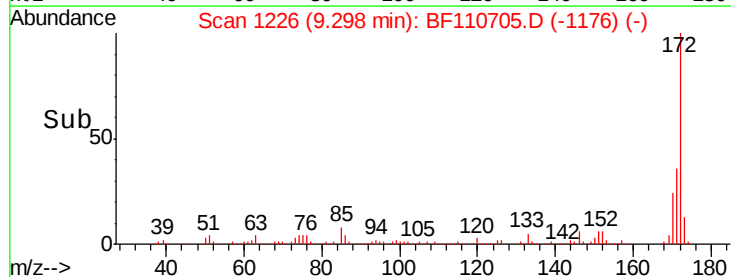
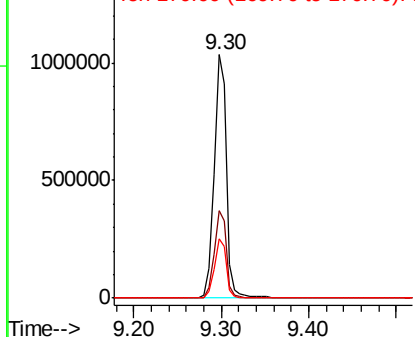


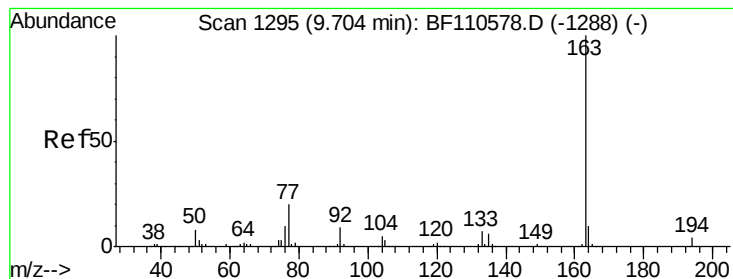
#45
 2-Fluorobiphenyl
 Concen: 99.390 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110705.D
 Acq: 13 Nov 2018 6:18

Tgt Ion:172 Resp: 1011311
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.2 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: 2.350 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110705.D

Acq: 13 Nov 2018 6:18

Instrument :

BNA_F

ClientSampleId :

110818-SIDI-F-U-S

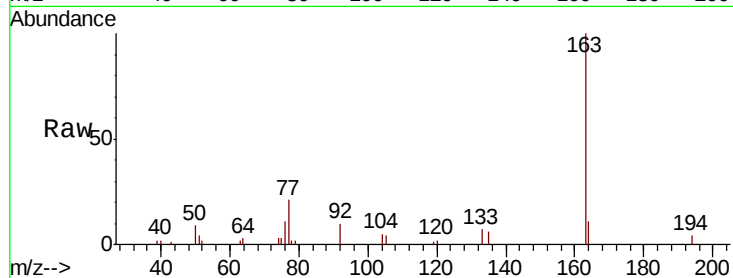
Tgt Ion:163 Resp: 25484

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

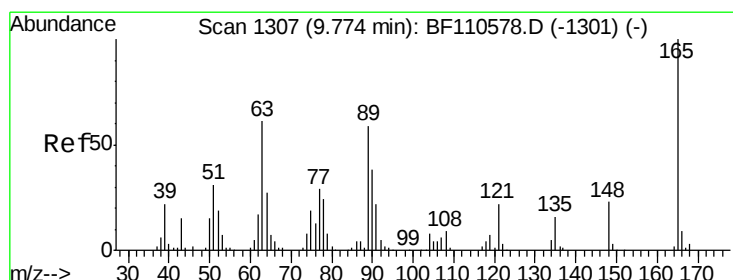
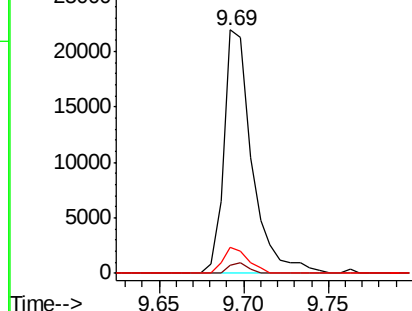
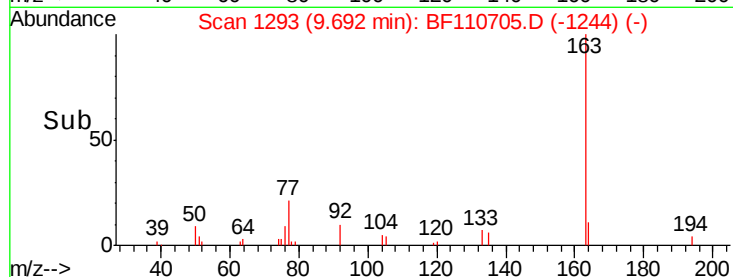
164 10.8 8.1 12.1



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: 7.757 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.21 min

Lab File: BF110705.D

Acq: 13 Nov 2018 6:18

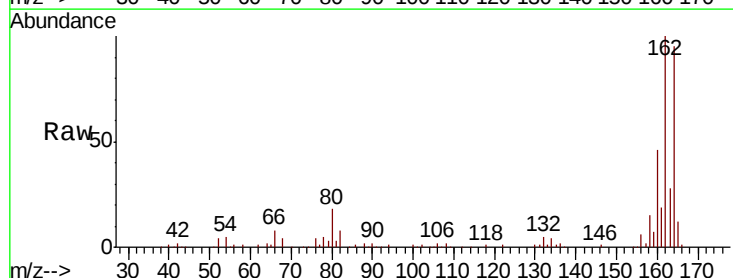
Tgt Ion:165 Resp: 18503

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

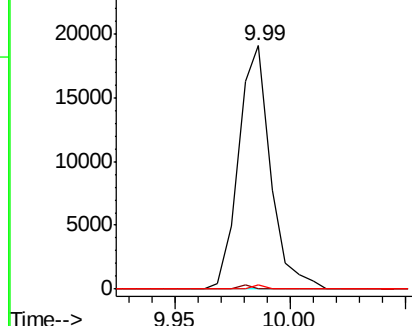
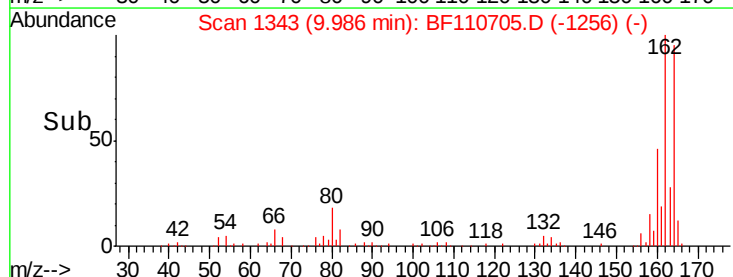
89 1.8 46.6 69.8#



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

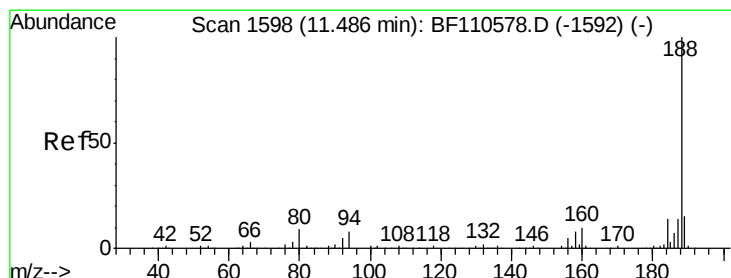
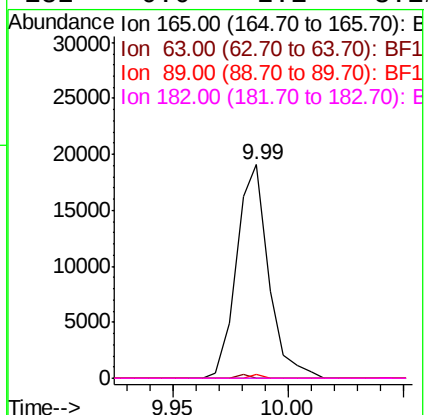
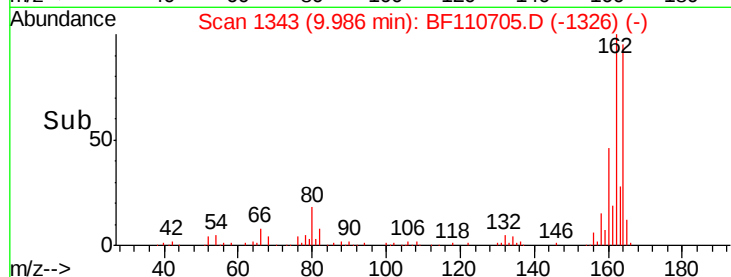
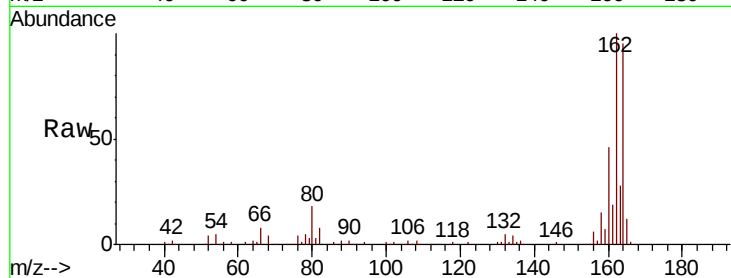




#57
 2,4-Dinitrotoluene
 Concen: 5.966 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110705.D
 Acq: 13 Nov 2018 6:18

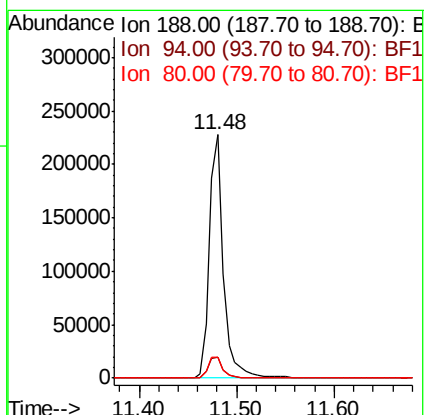
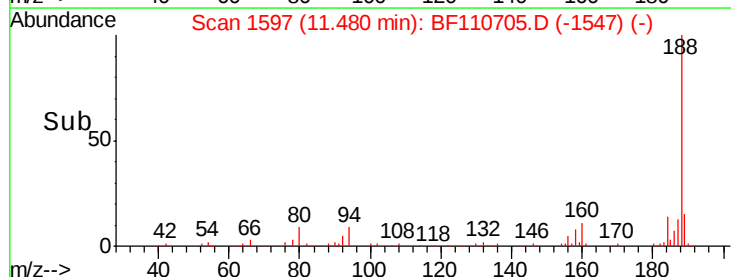
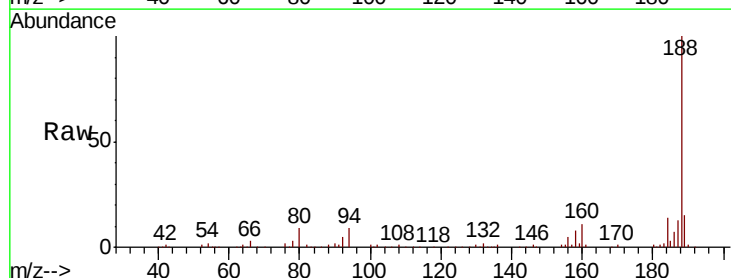
Instrument :
 BNA_F
 ClientSampleId :
 110818-SIDI-F-U-S

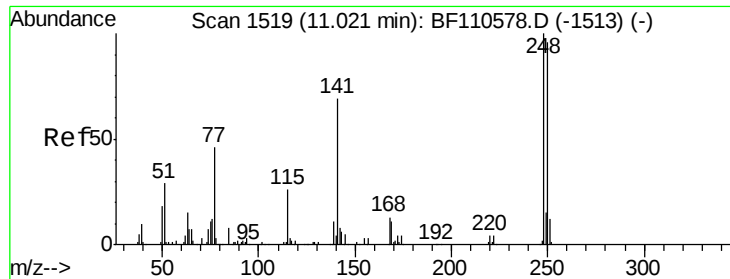
Tgt Ion:	165	Resp:	18503
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.8	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110705.D
 Acq: 13 Nov 2018 6:18

Tgt Ion:	188	Resp:	227530
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	8.8	7.9	11.9

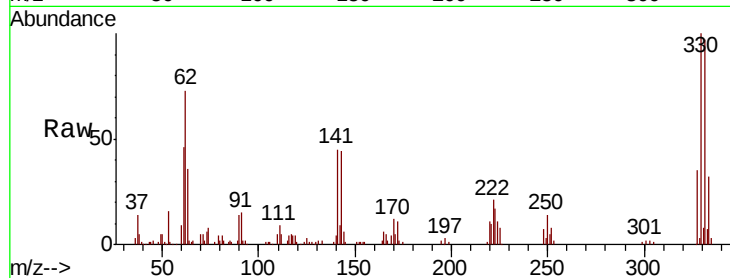




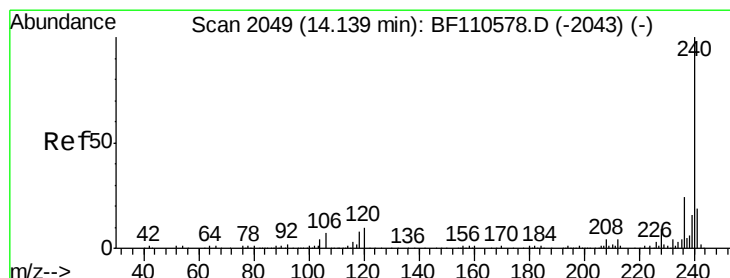
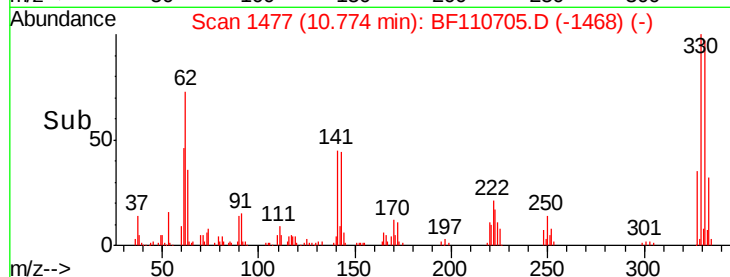
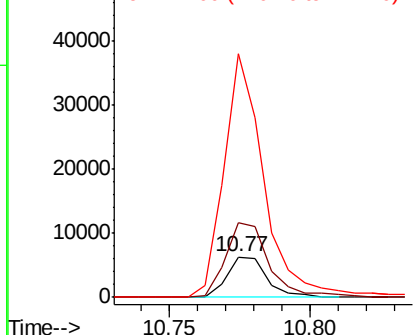
#67
4-Bromophenyl-phenylether
Concen: 2.445 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110705.D
Acq: 13 Nov 2018 6:18

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

Tgt Ion:248 Resp: 6148
Ion Ratio Lower Upper
248 100
250 187.0 79.4 119.2#
141 606.2 55.9 83.9#

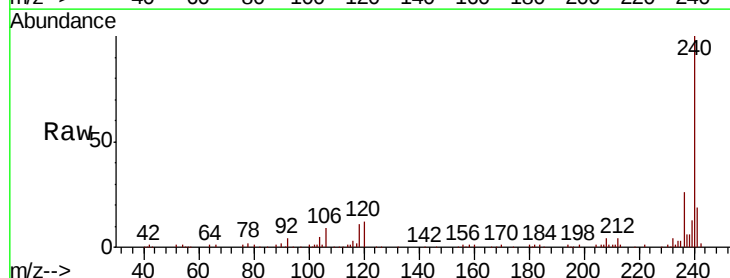


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

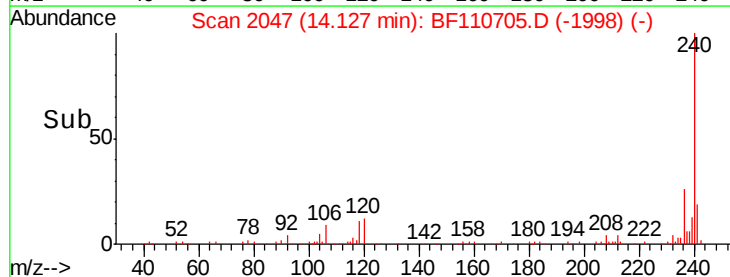
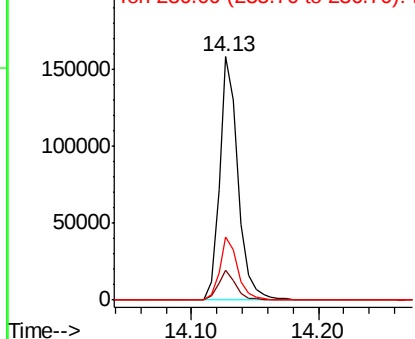


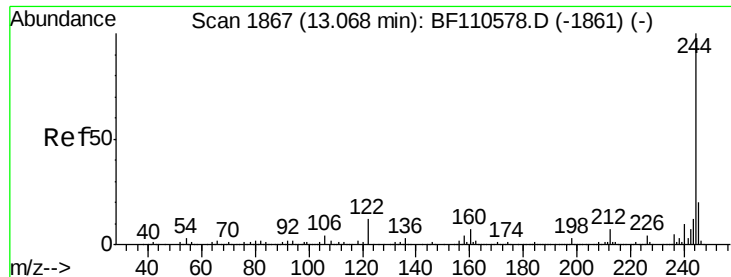
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110705.D
Acq: 13 Nov 2018 6:18

Tgt Ion:240 Resp: 160420
Ion Ratio Lower Upper
240 100
120 12.3 8.3 12.5
236 25.8 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

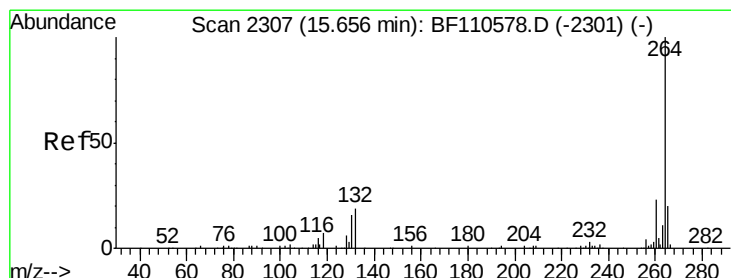
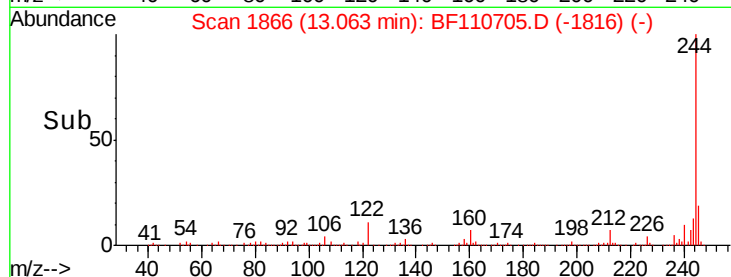
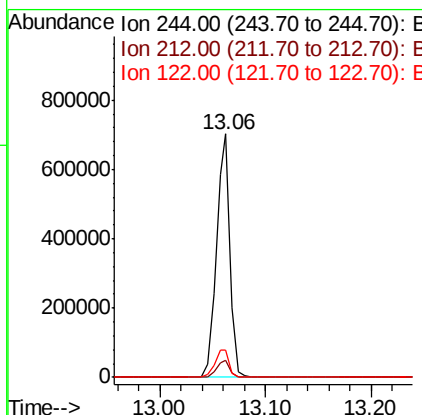
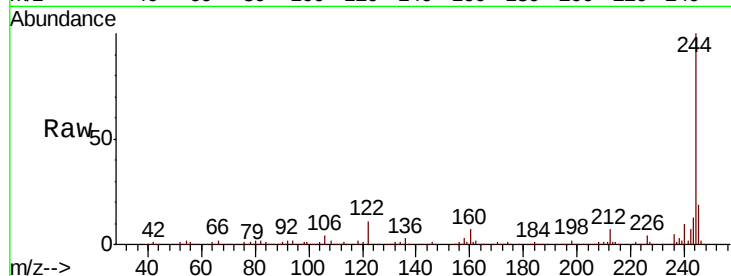




#79
 Terphenyl-d14
 Concen: 74.387 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110705.D
 Acq: 13 Nov 2018 6:18

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

Tgt Ion:244 Resp: 637194
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 11.4 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110705.D
 Acq: 13 Nov 2018 6:18

Tgt Ion:264 Resp: 119913
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 20.4 16.7 25.1

