

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
 Data File : BF110918.D
 Acq On : 21 Nov 2018 3:30
 Operator : JU/SJ
 Sample : J5996-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-06-A

Quant Time: Nov 21 04:20:54 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	6.94	152	58090	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	219581	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	87291	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	137260	20.00	ng	0.00
76) Chrysene-d12	14.13	240	118932	20.00	ng	0.00
87) Perylene-d12	15.67	264	77442	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	494467	138.26	ng	0.00
7) Phenol-d6	6.57	99	611940	133.81	ng	0.00
23) Nitrobenzene-d5	7.51	82	381719	100.11	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	107218	121.90	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	648913	106.17	ng	0.00
79) Terphenyl-d14	13.06	244	524568	82.60	ng	0.00

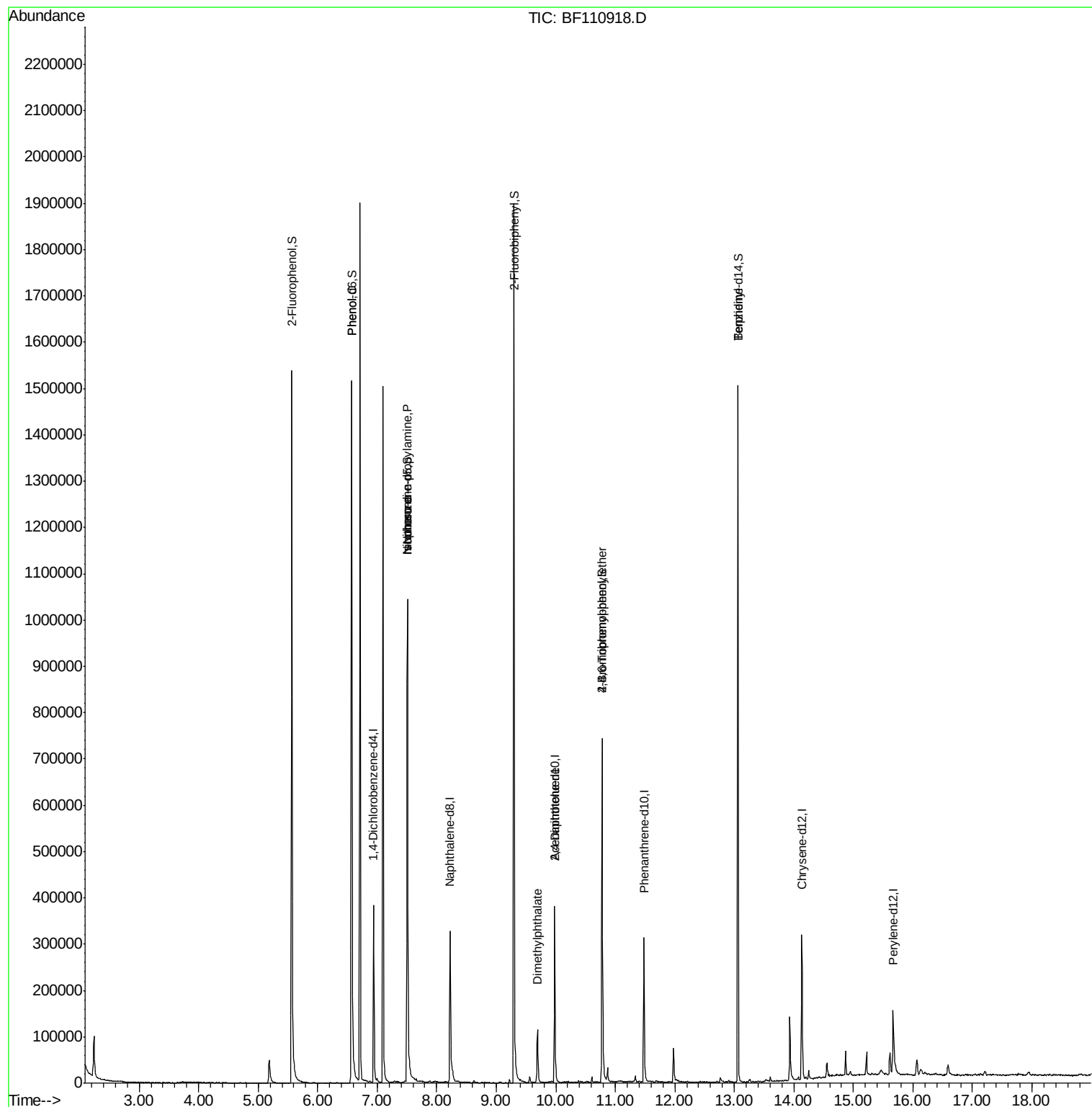
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.57	77	926	Below Cal		# 1
10) Phenol	6.58	94	33126	6.247	ng	# 77
19) n-Nitroso-di-n-propylamine	7.51	70	51404	17.609	ng	# 79
25) Isophorone	7.51	82	381719	61.082	ng	# 67
50) Dimethylphthalate	9.69	163	60339	9.264	ng	99
57) 2,4-Dinitrotoluene	9.98	165	10941	5.873	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	6533	4.307	ng	# 1
77) Benzidine	13.06	184	6912	2.113	ng	97

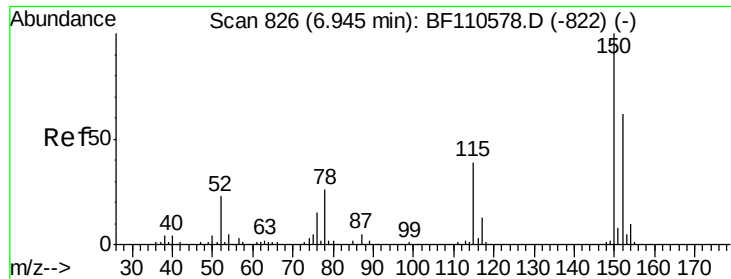
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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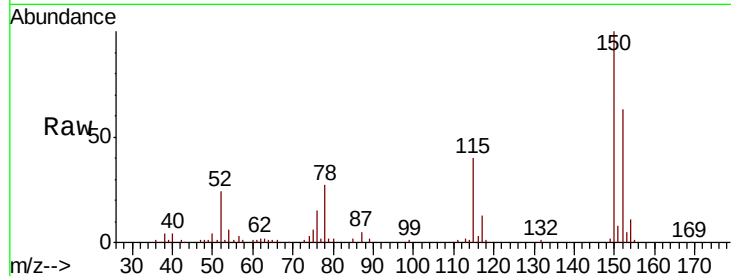


#1

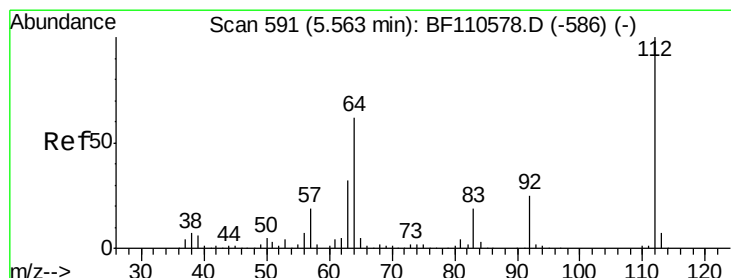
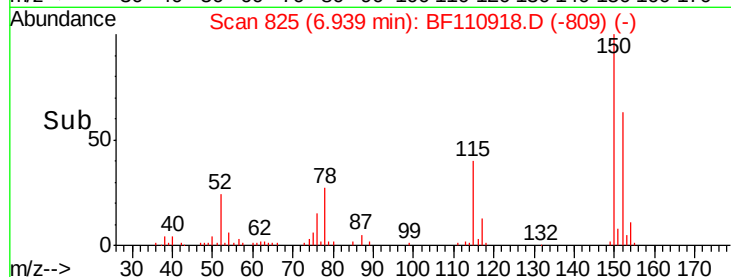
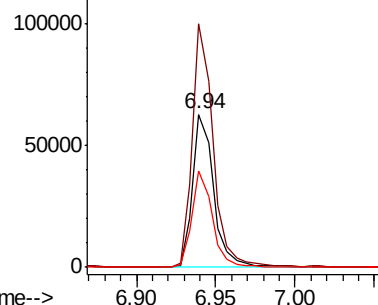
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110918.D
Acq: 21 Nov 2018 3:30

Instrument :
BNA_F
ClientSampleId :
NON-UST-06-A

Tgt Ion:152 Resp: 58090
Ion Ratio Lower Upper
152 100
150 158.9 122.7 184.1
115 62.8 49.1 73.7



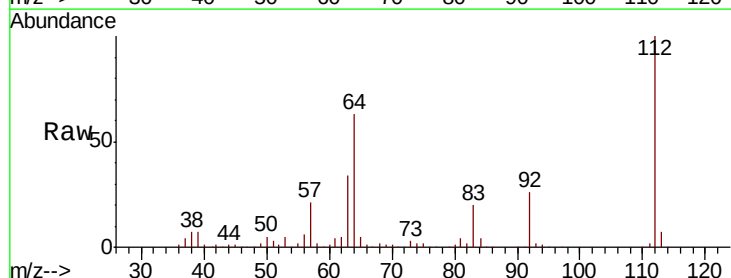
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



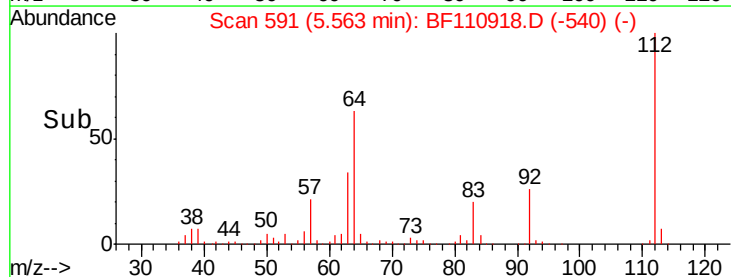
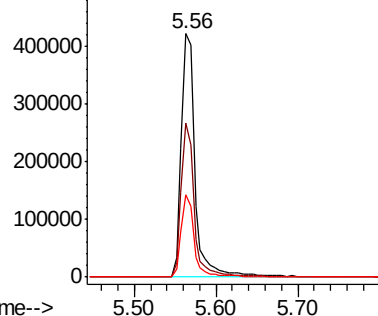
#5

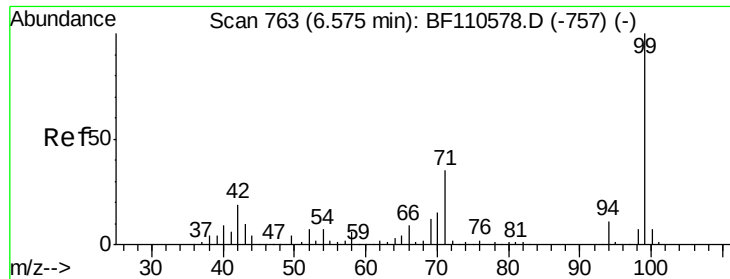
2-Fluorophenol
Concen: 138.263 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110918.D
Acq: 21 Nov 2018 3:30

Tgt Ion:112 Resp: 494467
Ion Ratio Lower Upper
112 100
64 63.5 44.1 66.1
63 33.9 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: 133.810 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110918.D

Acq: 21 Nov 2018 3:30

Instrument :

BNA_F

ClientSampleId :

NON-UST-06-A

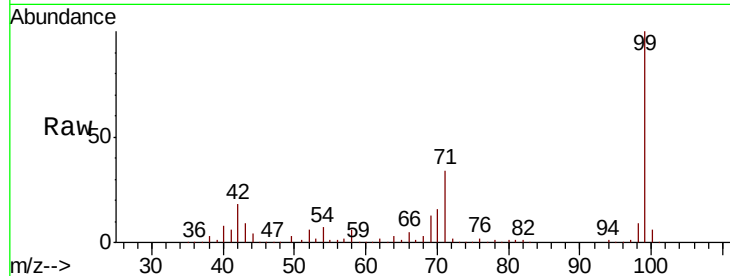
Tgt Ion: 99 Resp: 611940

Ion Ratio Lower Upper

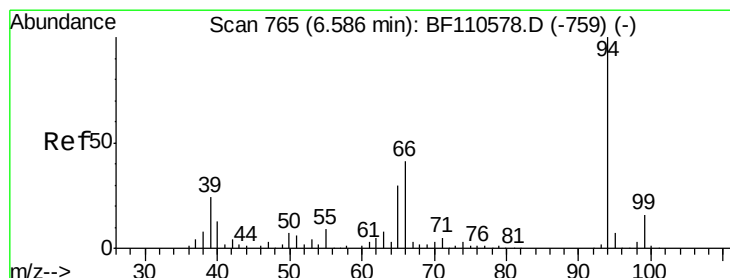
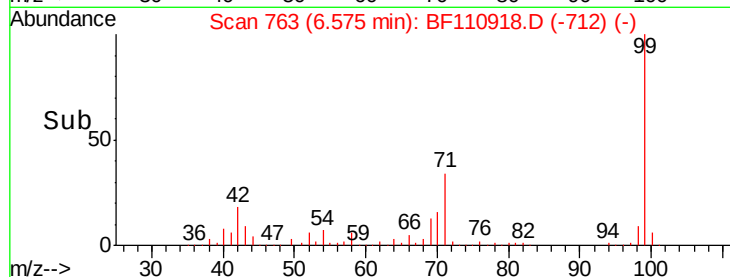
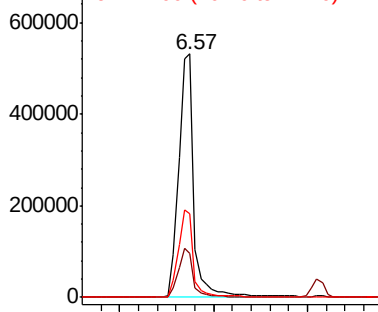
99 100

42 18.3 15.8 23.6

71 34.1 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



#10

Phenol

Concen: 6.247 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110918.D

Acq: 21 Nov 2018 3:30

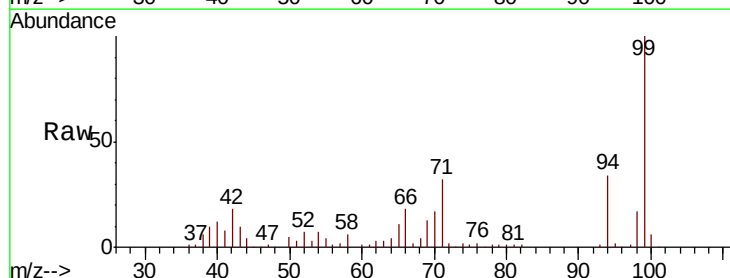
Tgt Ion: 94 Resp: 33126

Ion Ratio Lower Upper

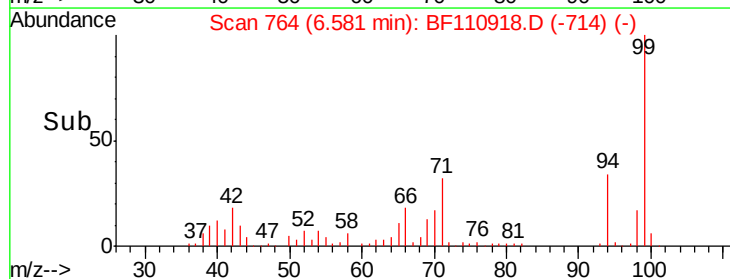
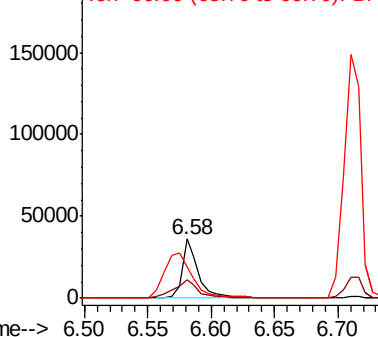
94 100

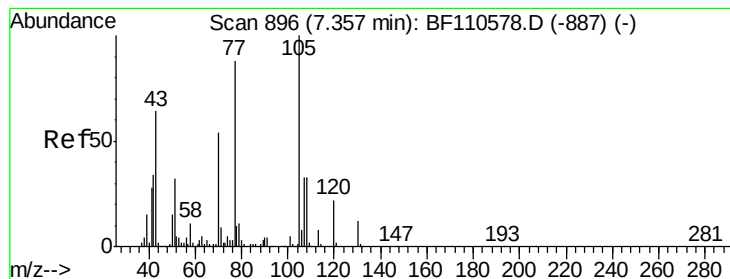
65 32.2 25.3 65.3

66 52.8 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 17.609 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110918.D

Acq: 21 Nov 2018 3:30

Instrument :

BNA_F

ClientSampleId :

NON-UST-06-A

Tgt Ion: 70 Resp: 51404

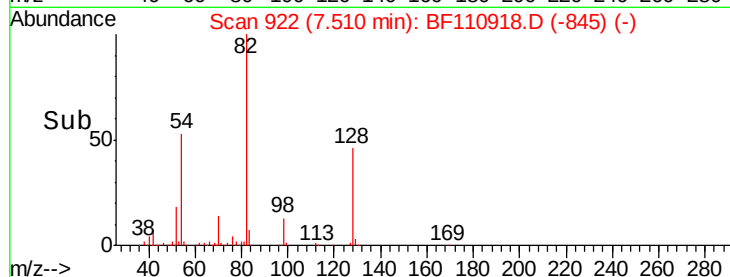
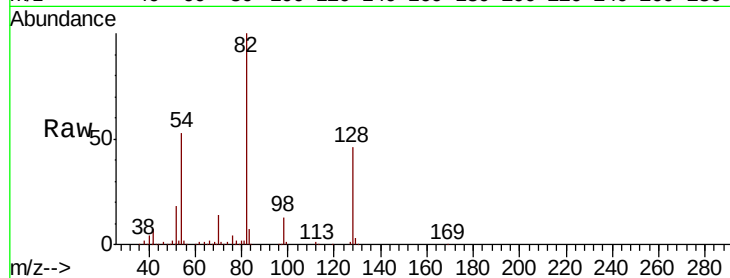
Ion Ratio Lower Upper

70 100

42 48.1 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#

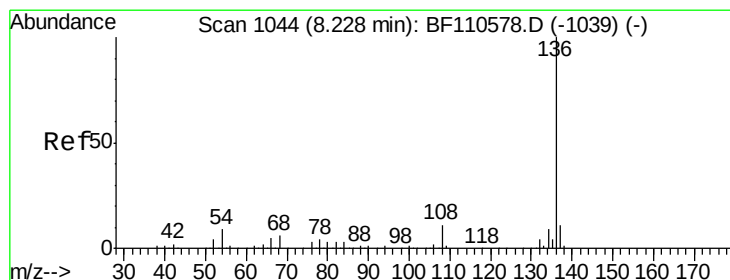
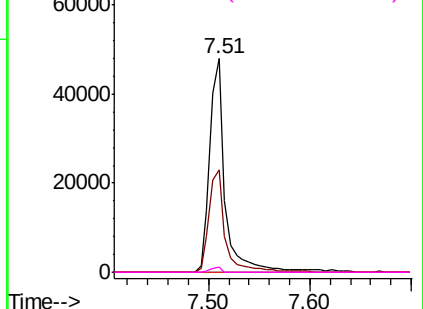


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110918.D

Acq: 21 Nov 2018 3:30

Tgt Ion: 136 Resp: 219581

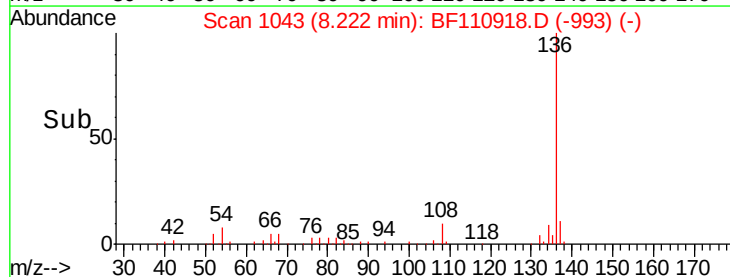
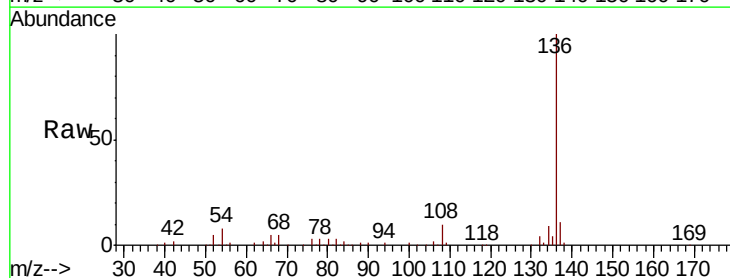
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.1 5.4 8.2

68 5.2 4.2 6.2

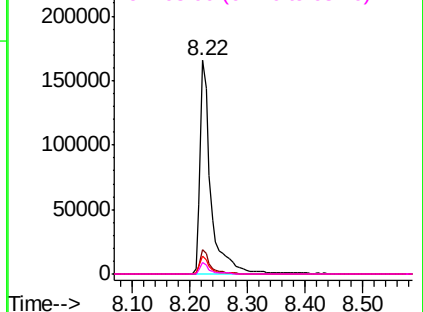


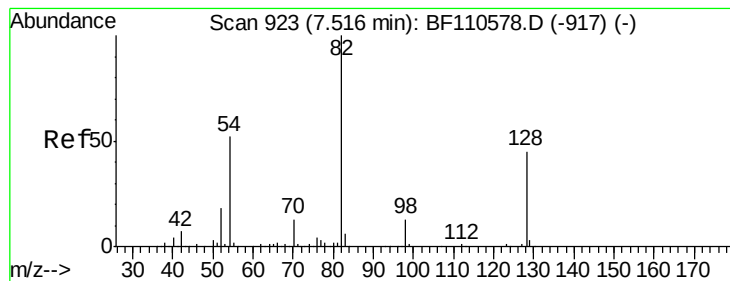
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 100.114 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110918.D

Acq: 21 Nov 2018 3:30

Instrument :

BNA_F

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NON-UST-06-A

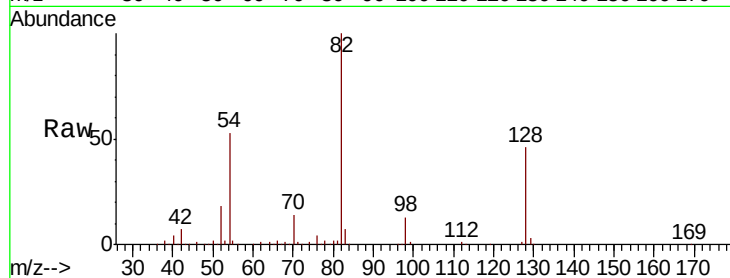
Tgt Ion: 82 Resp: 381719

Ion Ratio Lower Upper

82 100

128 46.1 34.2 51.2

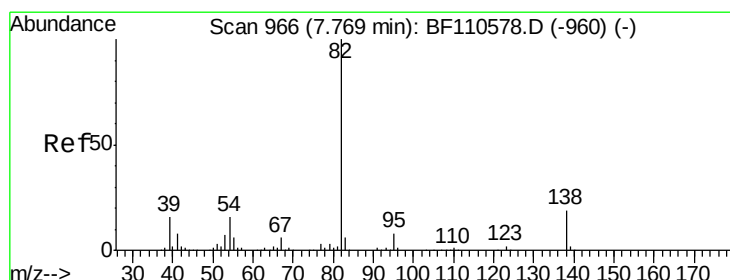
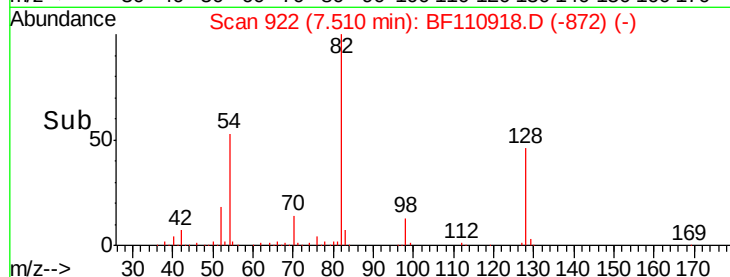
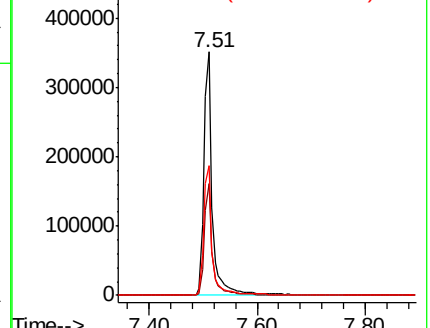
54 53.2 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 61.082 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110918.D

Acq: 21 Nov 2018 3:30

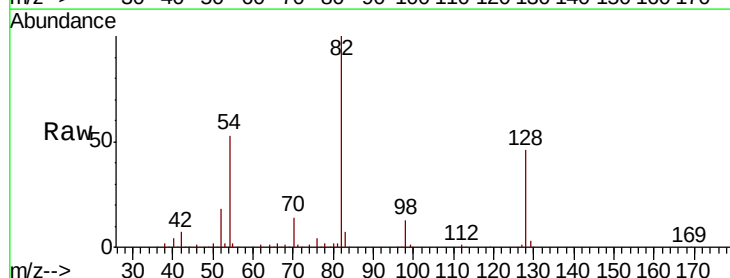
Tgt Ion: 82 Resp: 381719

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

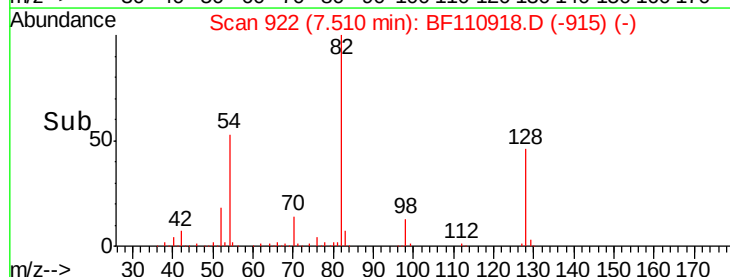
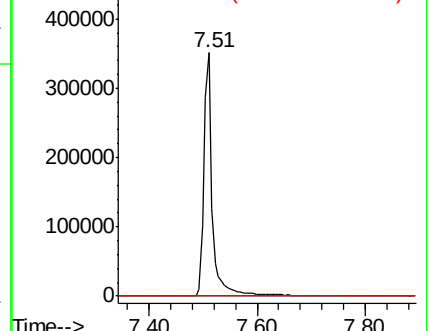
138 0.0 13.2 19.8#

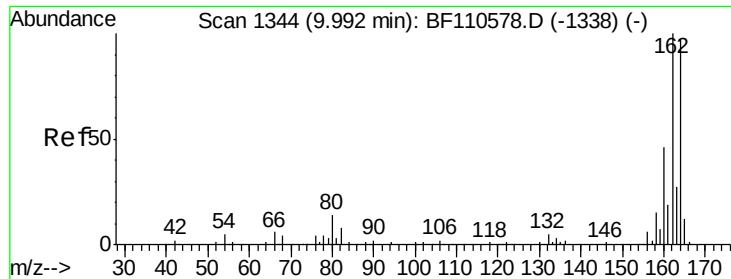


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110918.D

Acq: 21 Nov 2018 3:30

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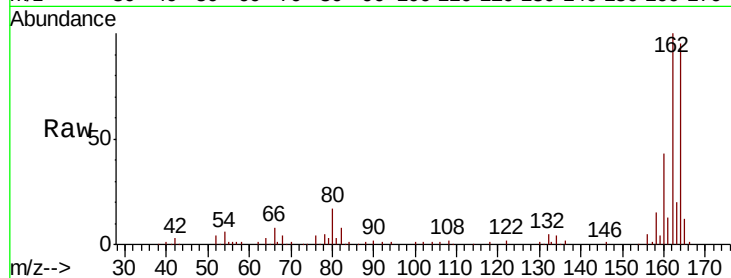
Tgt Ion:164 Resp: 87291

Ion Ratio Lower Upper

164 100

162 105.4 83.0 124.6

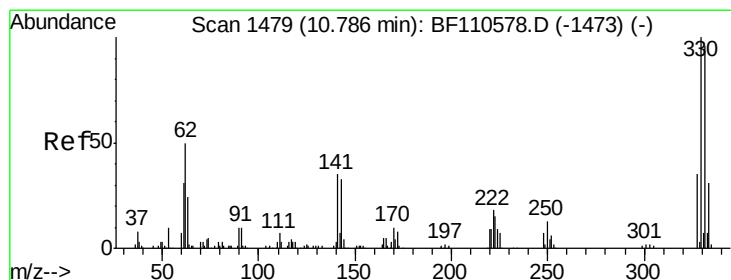
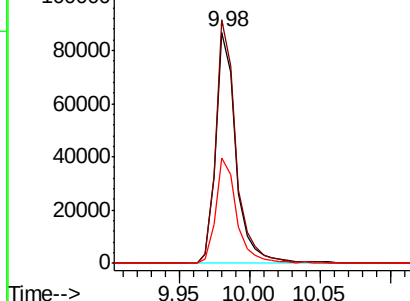
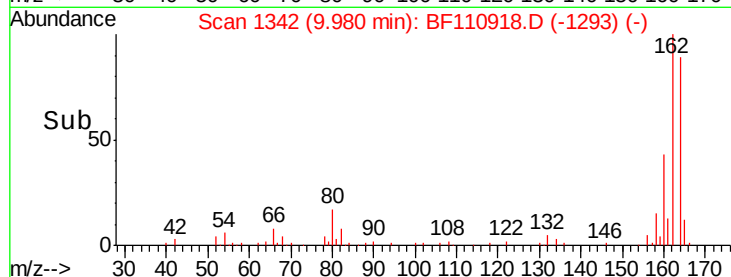
160 45.7 37.0 55.6



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: 121.899 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110918.D

Acq: 21 Nov 2018 3:30

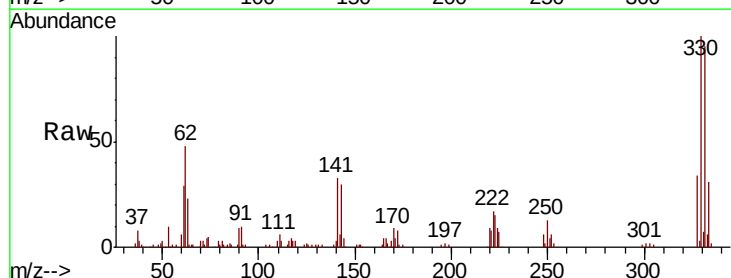
Tgt Ion:330 Resp: 107218

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

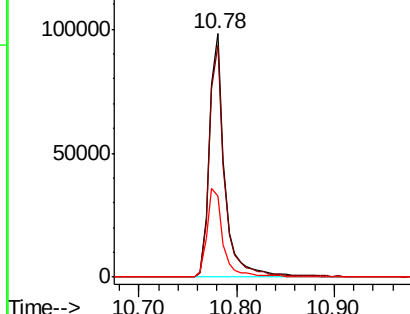
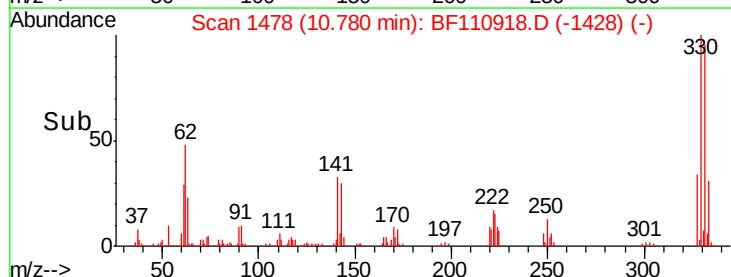
141 38.2 27.0 40.4

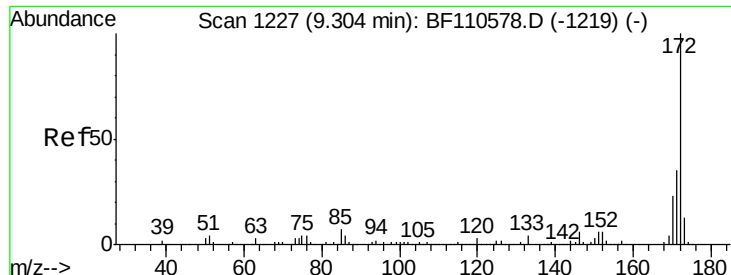


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

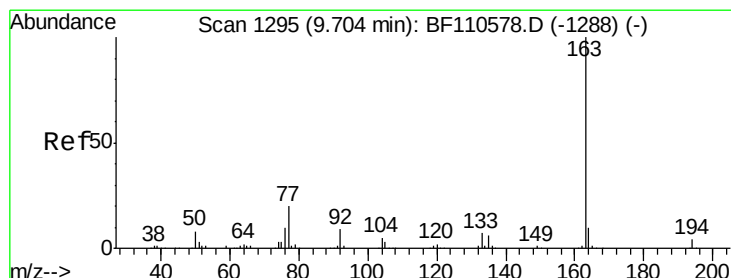
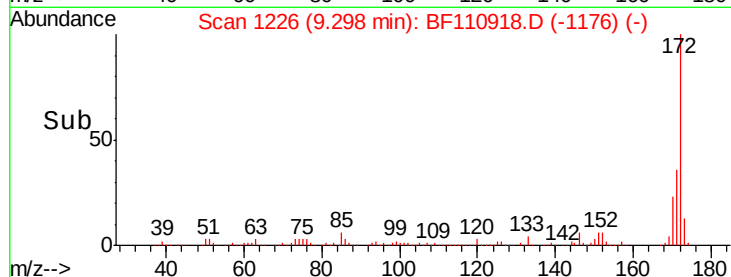
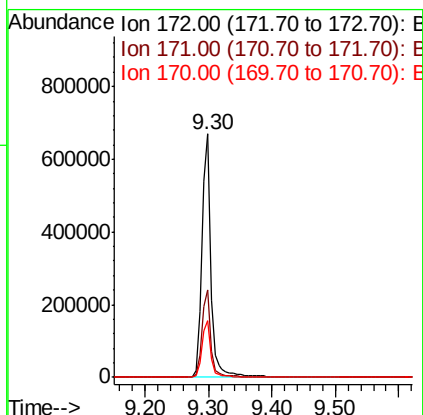
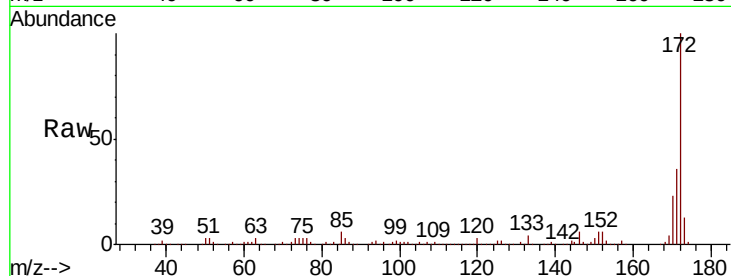




#45
 2-Fluorobiphenyl
 Concen: 106.170 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110918.D
 Acq: 21 Nov 2018 3:30

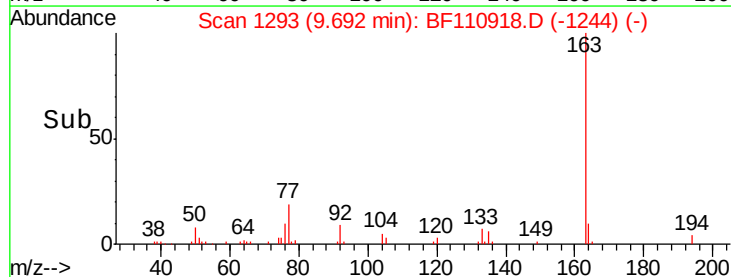
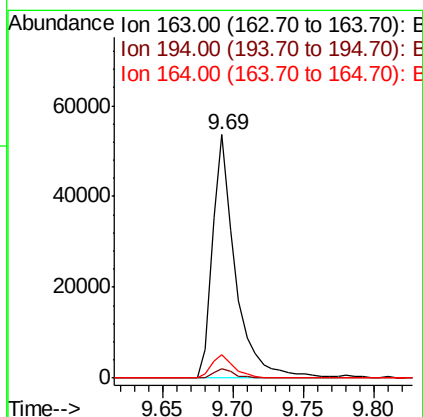
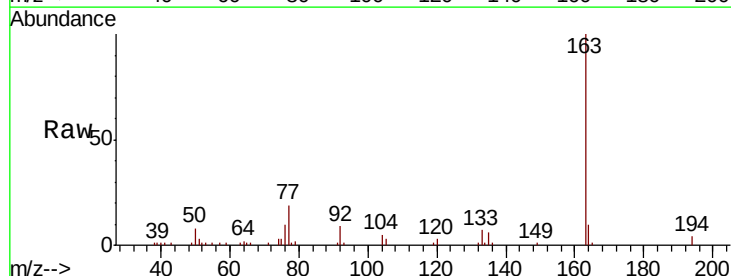
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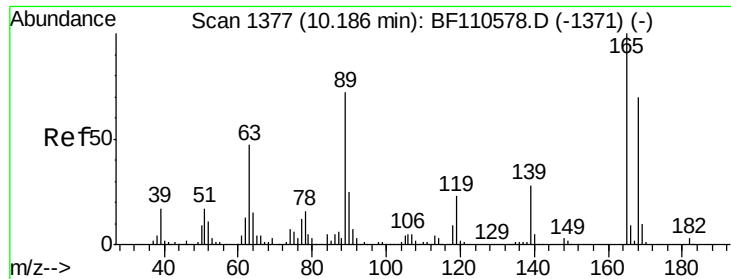
Tgt Ion:172 Resp: 648913
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.0 19.7 29.5



#50
 Dimethylphthalate
 Concen: 9.264 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110918.D
 Acq: 21 Nov 2018 3:30

Tgt Ion:163 Resp: 60339
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.2 4.8
 164 9.7 8.1 12.1

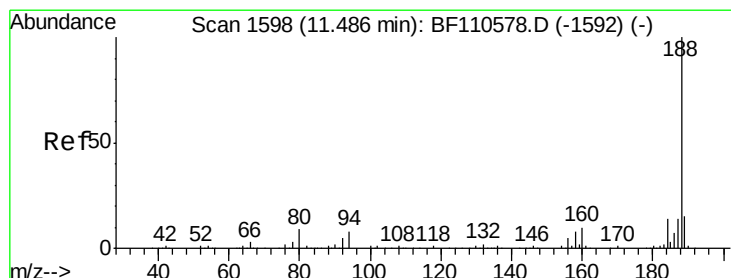
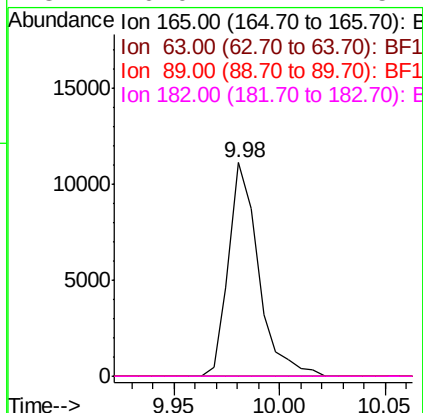
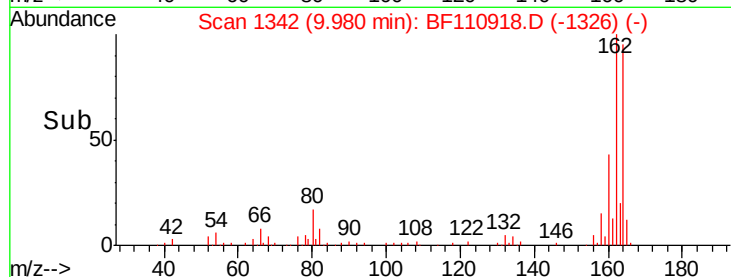
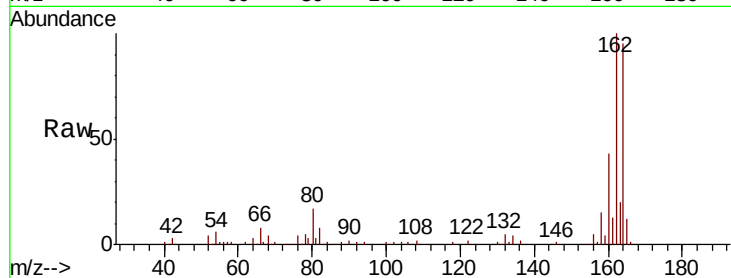




#57
 2,4-Dinitrotoluene
 Concen: 5.873 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110918.D
 Acq: 21 Nov 2018 3:30

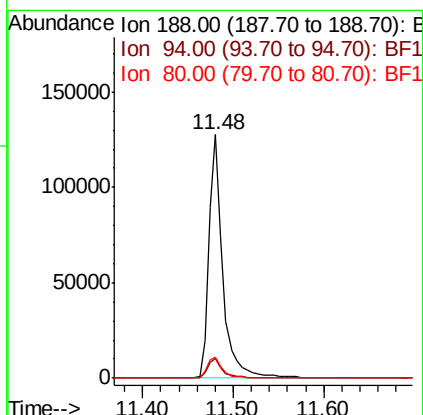
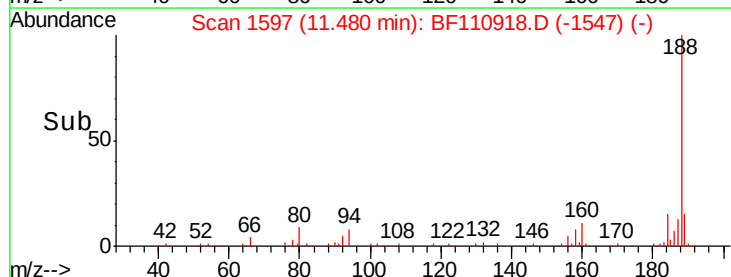
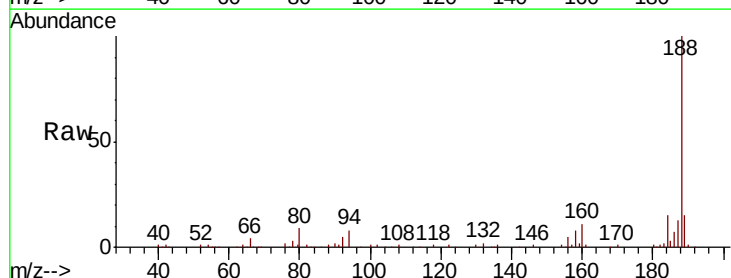
Instrument :
 BNA_F
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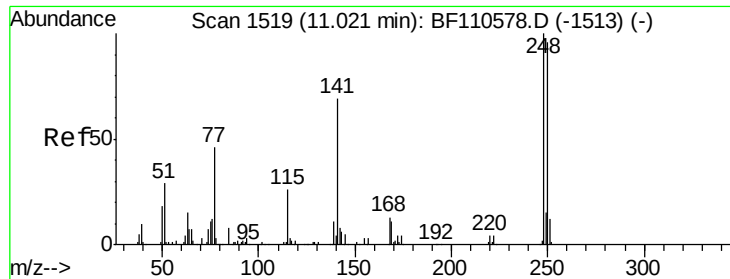
Tgt Ion:	165	Resp:	10941
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110918.D
 Acq: 21 Nov 2018 3:30

Tgt Ion:	188	Resp:	137260
Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.2	10.8
80	8.6	7.9	11.9

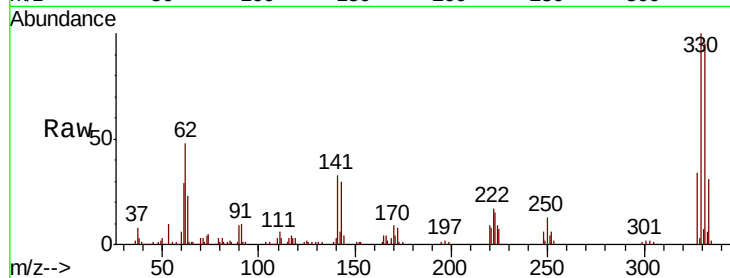




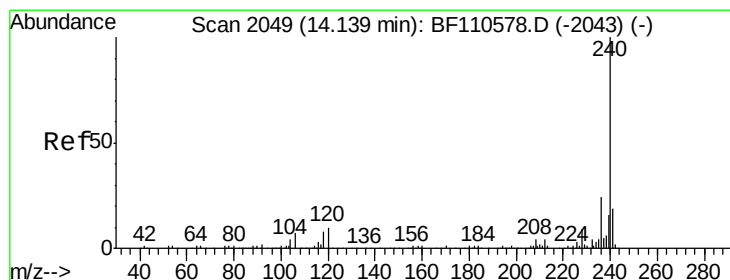
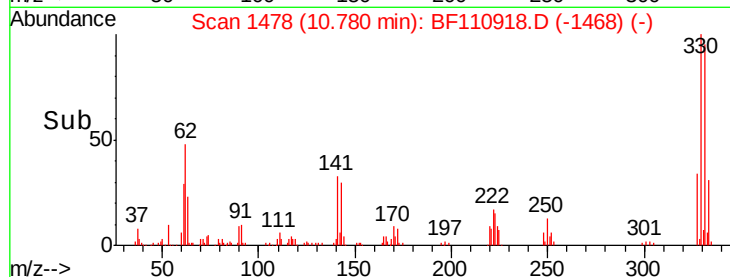
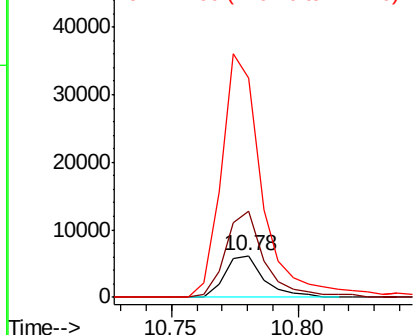
#67
4-Bromophenyl-phenylether
Concen: 4.307 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110918.D
Acq: 21 Nov 2018 3:30

Instrument :
BNA_F
ClientSampleId :
NON-UST-06-A

Tgt Ion:248 Resp: 6533
Ion Ratio Lower Upper
248 100
250 207.6 79.4 119.2#
141 529.7 55.9 83.9#

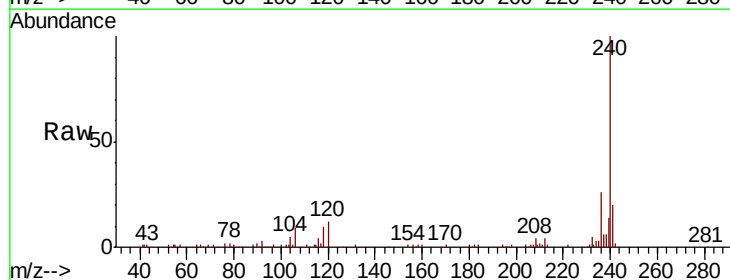


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

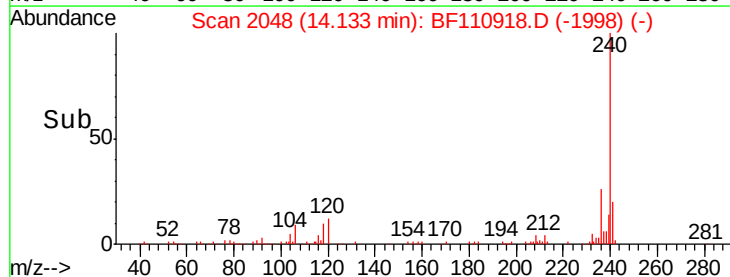
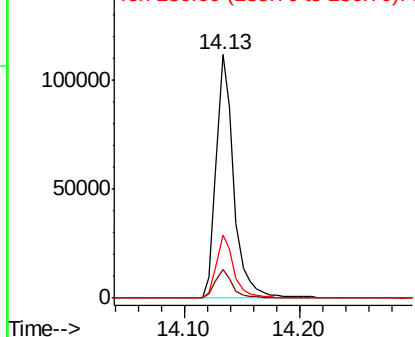


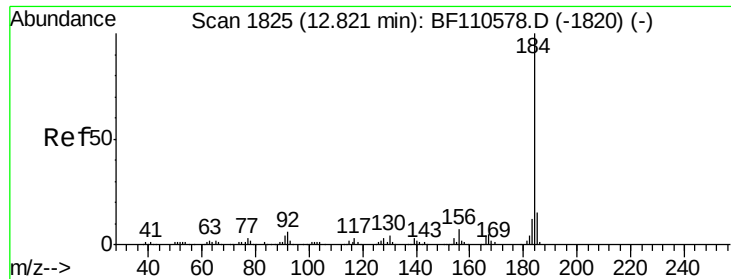
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110918.D
Acq: 21 Nov 2018 3:30

Tgt Ion:240 Resp: 118932
Ion Ratio Lower Upper
240 100
120 11.9 8.3 12.5
236 25.9 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: 2.113 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.24 min

Lab File: BF110918.D

Acq: 21 Nov 2018 3:30

Instrument :

BNA_F

ClientSampleId :

NON-UST-06-A

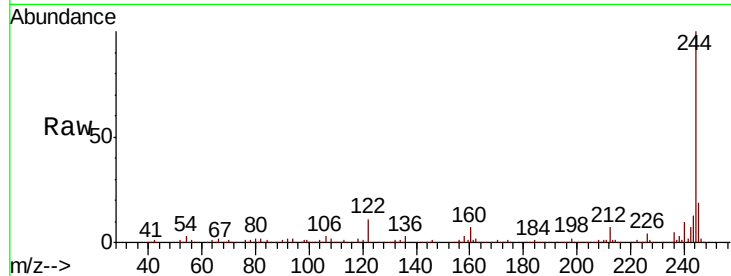
Tgt Ion:184 Resp: 6912

Ion Ratio Lower Upper

184 100

185 17.5 13.4 20.2

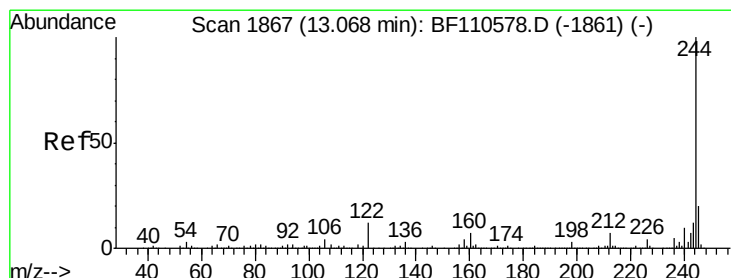
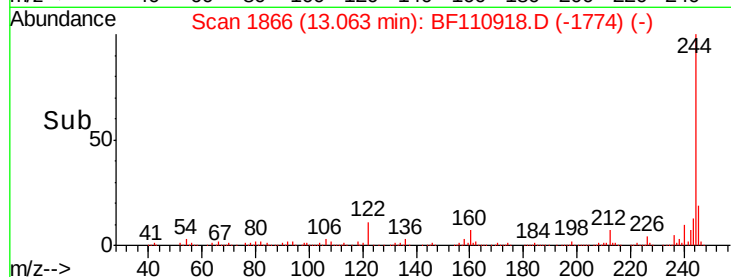
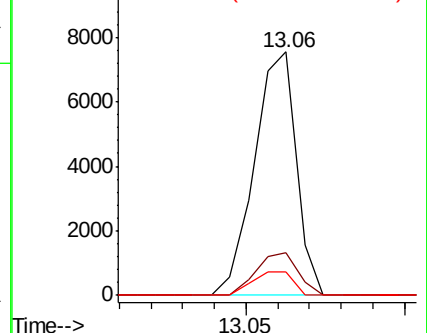
183 9.5 9.4 14.2



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: 82.601 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110918.D

Acq: 21 Nov 2018 3:30

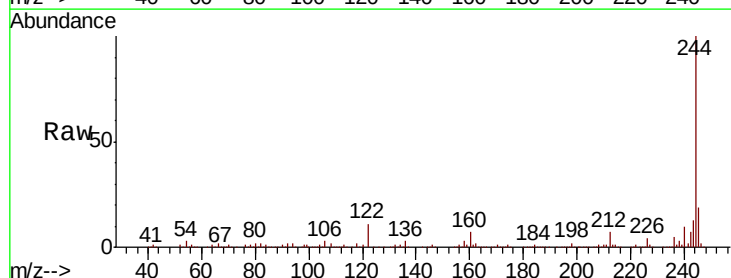
Tgt Ion:244 Resp: 524568

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

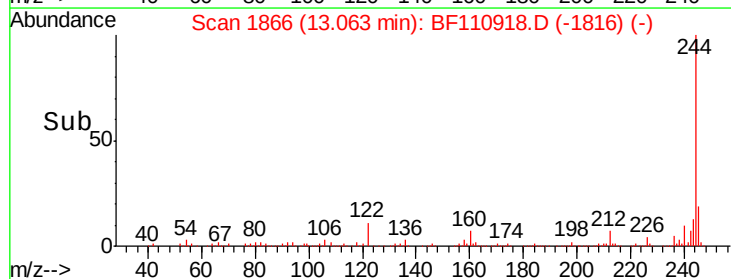
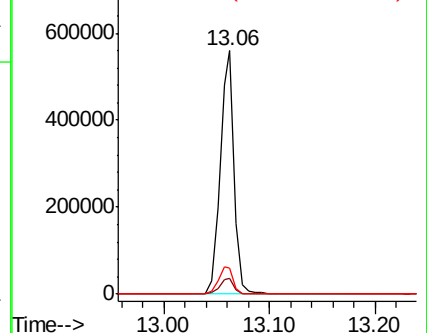
122 10.5 8.7 13.1

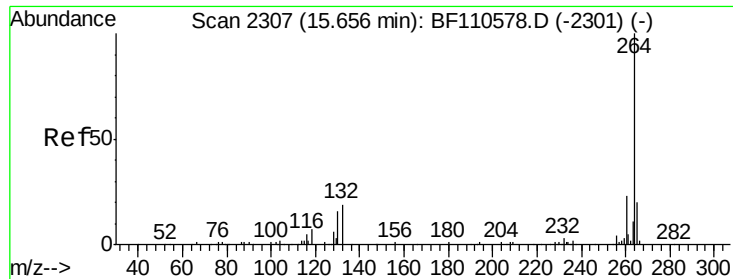


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110918.D
Acq: 21 Nov 2018 3:30

Instrument :
BNA_F
ClientSampleId :
NON-UST-06-A

Tgt Ion: 264 Resp: 77442
Ion Ratio Lower Upper
264 100
260 24.9 18.7 28.1
265 21.5 16.7 25.1

