

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
 Data File : BF110880.D
 Acq On : 20 Nov 2018 4:23
 Operator : JU/SJ
 Sample : J5985-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111518-JETT-E-U-M

Quant Time: Nov 20 05:58:56 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

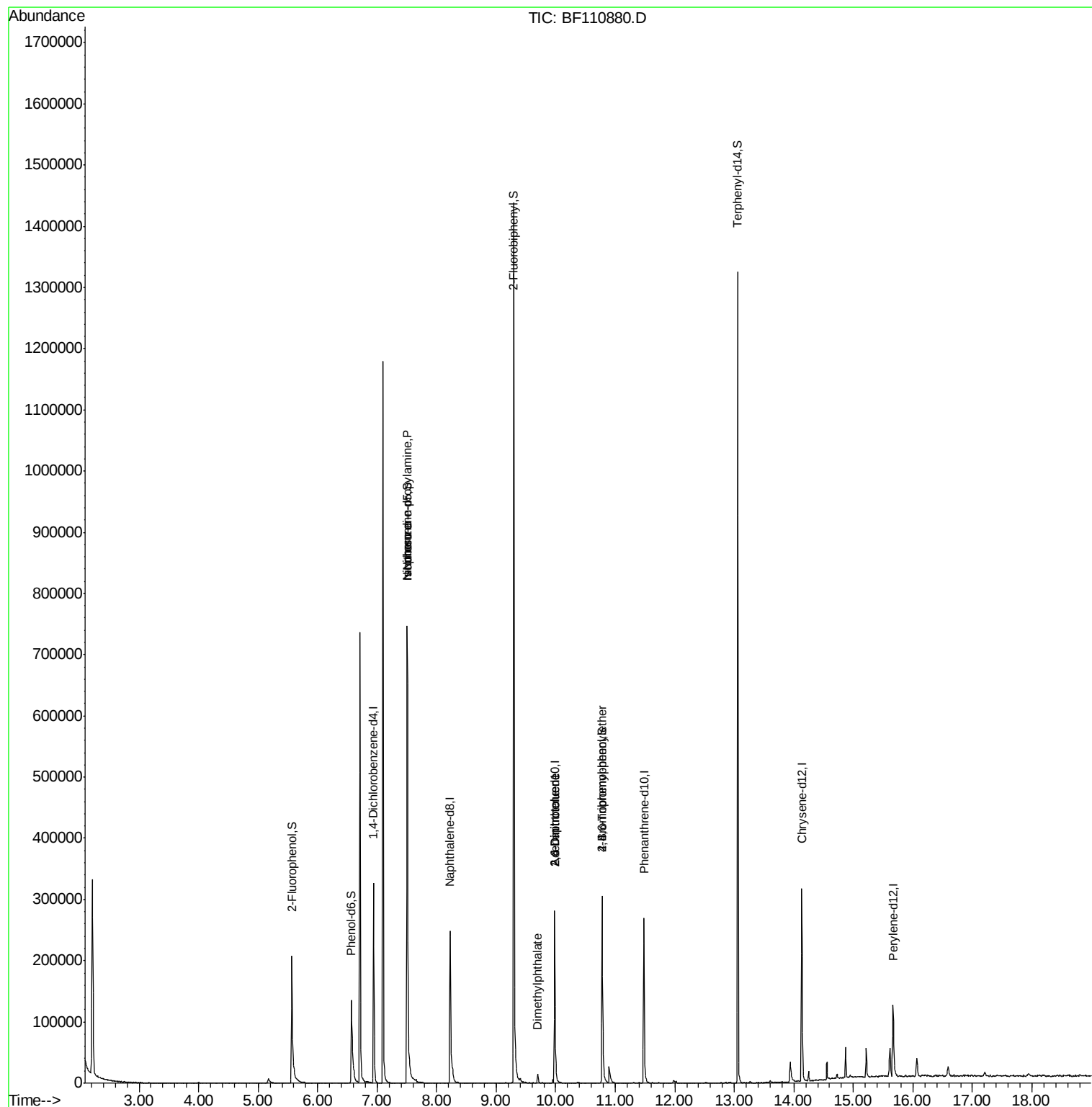
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	49096	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	187798	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	73357	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	128140	20.00	ng	0.00
76) Chrysene-d12	14.13	240	124088	20.00	ng	0.00
87) Perylene-d12	15.67	264	76749	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	100066	33.11	ng	0.00
7) Phenol-d6	6.57	99	71596	18.52	ng	0.00
23) Nitrobenzene-d5	7.50	82	302058	92.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	50864	68.81	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	540424	105.21	ng	0.00
79) Terphenyl-d14	13.06	244	429502	64.82	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	38221	15.491	ng	# 81
25) Isophorone	7.50	82	302058	56.515	ng	# 67
50) Dimethylphthalate	9.70	163	11170	2.041	ng	99
51) 2,6-Dinitrotoluene	9.98	165	9002	7.476	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	9002	5.750	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	2999	2.118	ng	# 1

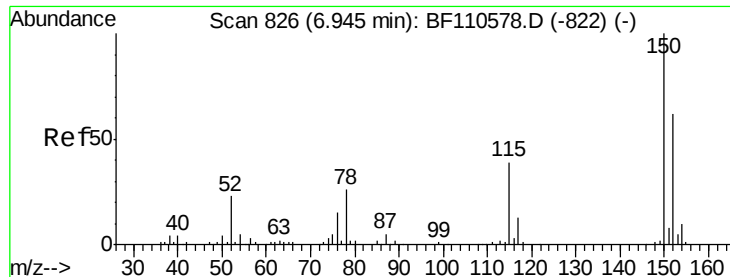
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF110880.D

Acq: 20 Nov 2018 4:23

Instrument :

BNA_F

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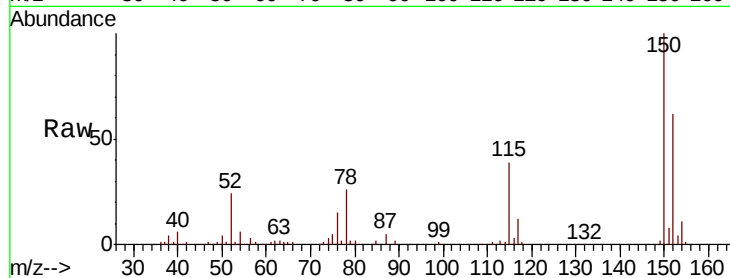
Tgt Ion:152 Resp: 49096

Ion Ratio Lower Upper

152 100

150 162.5 122.7 184.1

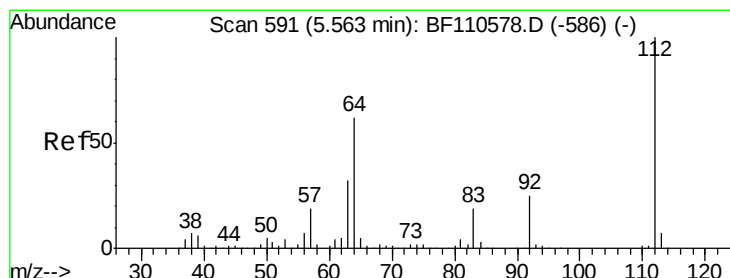
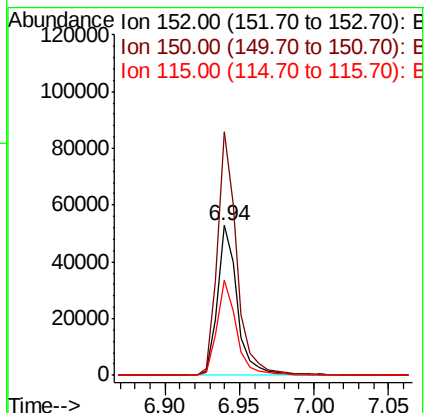
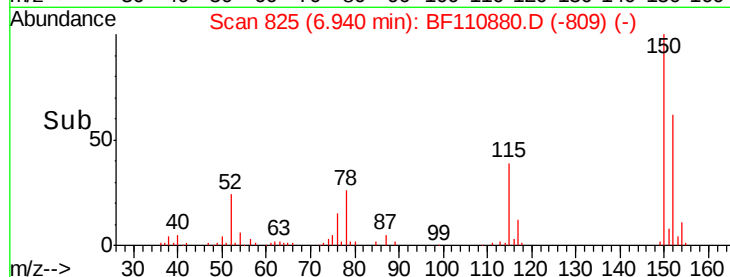
115 63.9 49.1 73.7



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: 33.106 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF110880.D

Acq: 20 Nov 2018 4:23

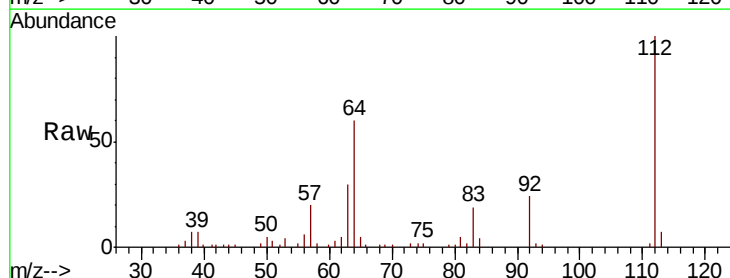
Tgt Ion:112 Resp: 100066

Ion Ratio Lower Upper

112 100

64 59.9 44.1 66.1

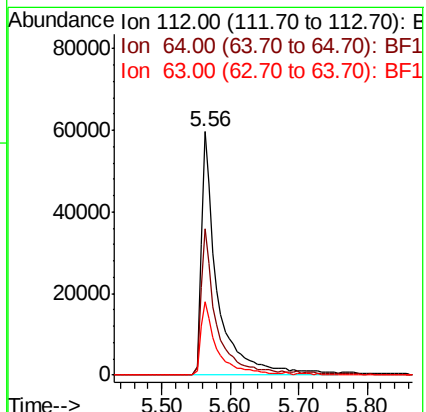
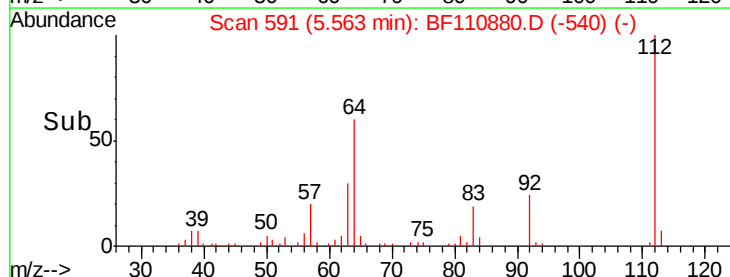
63 30.3 23.7 35.5

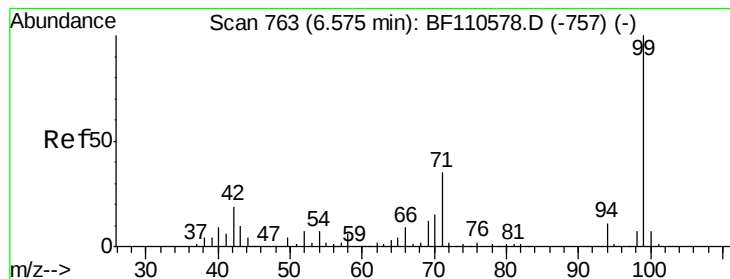


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 18.524 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110880.D

Acq: 20 Nov 2018 4:23

Instrument :

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111518-JETT-E-U-M

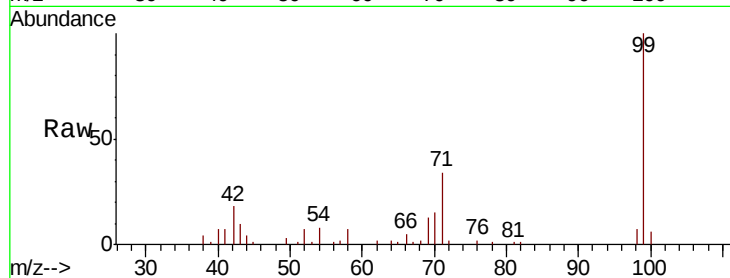
Tgt Ion: 99 Resp: 71596

Ion Ratio Lower Upper

99 100

42 18.3 15.8 23.6

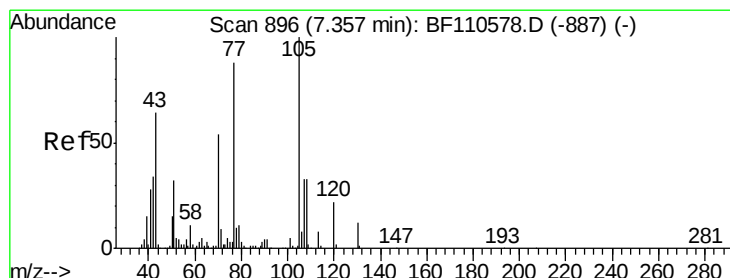
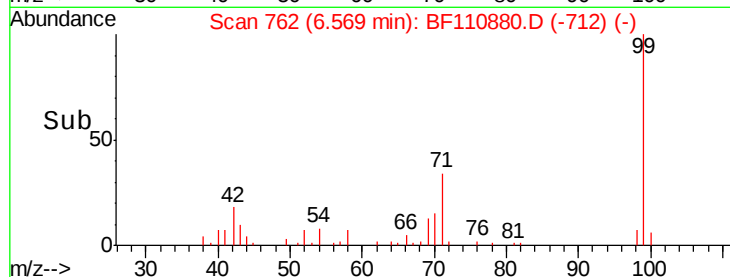
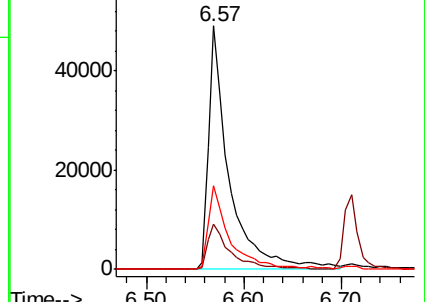
71 34.2 28.0 42.0



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: 15.491 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.15 min

Lab File: BF110880.D

Acq: 20 Nov 2018 4:23

Tgt Ion: 70 Resp: 38221

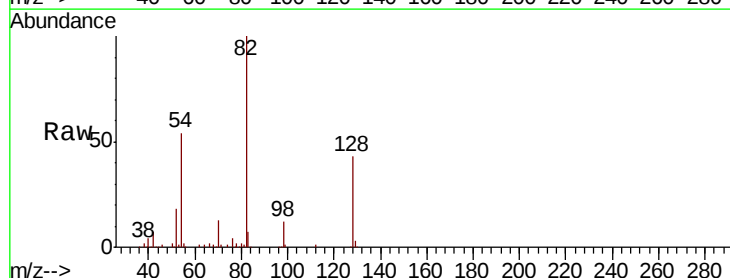
Ion Ratio Lower Upper

70 100

42 50.2 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#

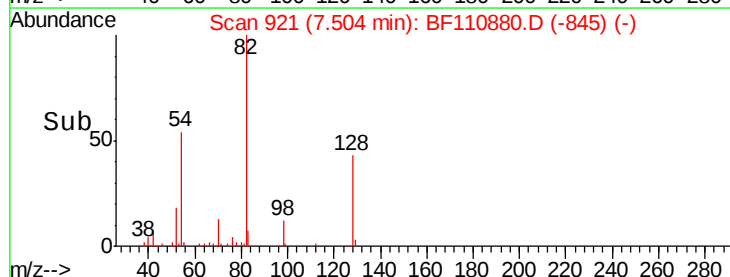
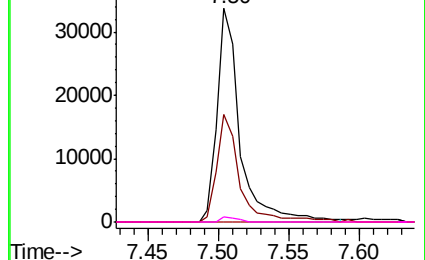


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

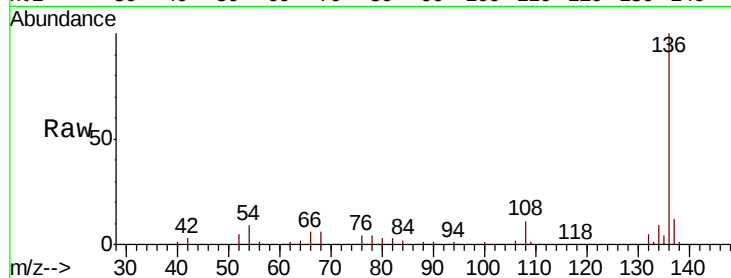




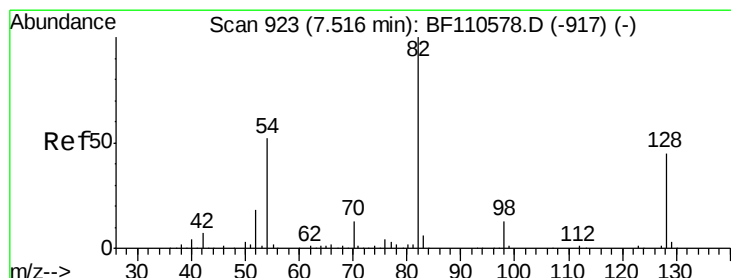
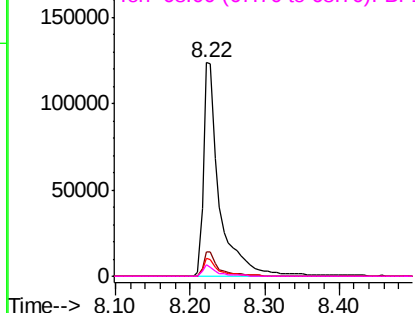
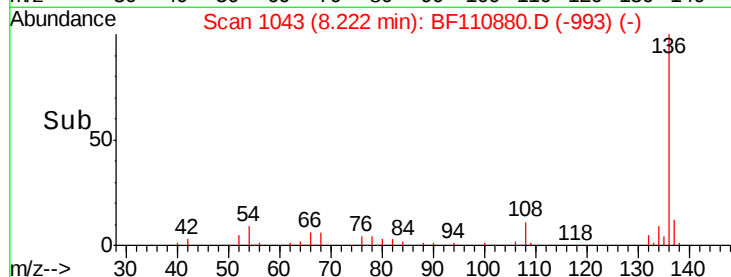
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110880.D
Acq: 20 Nov 2018 4:23

Instrument :
BNA_F
ClientSampleId :
111518-JETT-E-U-M

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	8.6	5.4	8.2#
68	5.5	4.2	6.2

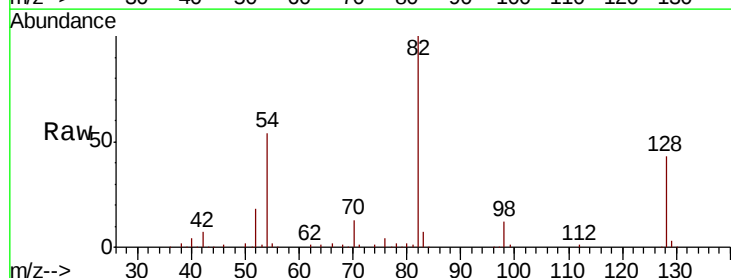


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

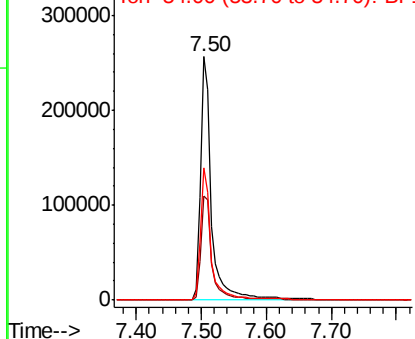
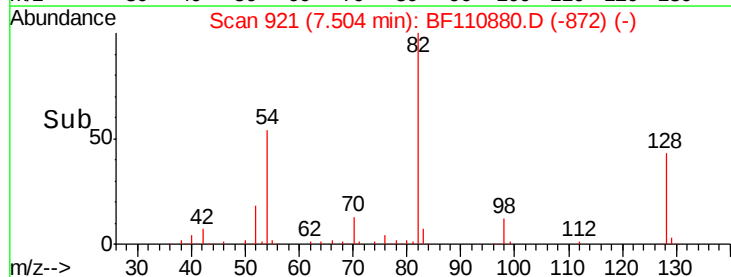


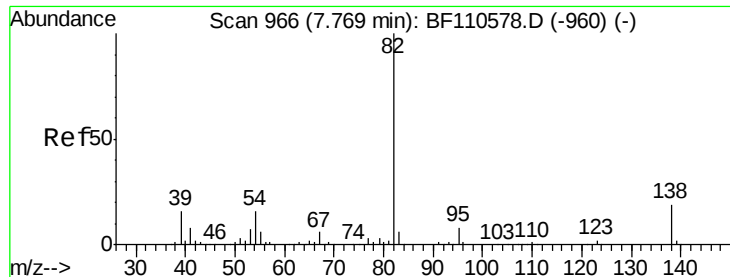
#23
Nitrobenzene-d5
Concen: 92.628 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110880.D
Acq: 20 Nov 2018 4:23

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.2	51.2
54	54.1	38.6	58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 56.515 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.26 min

Lab File: BF110880.D

Acq: 20 Nov 2018 4:23

Instrument :

BNA_F

ClientSampleId :

111518-JETT-E-U-M

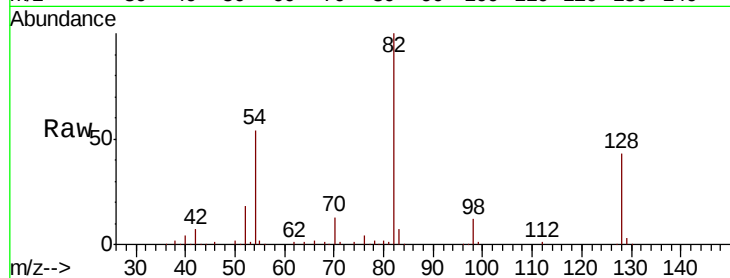
Tgt Ion: 82 Resp: 302058

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

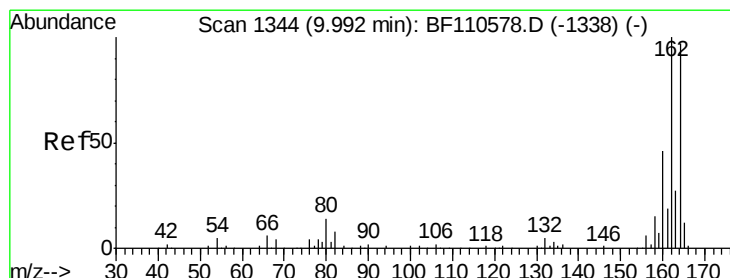
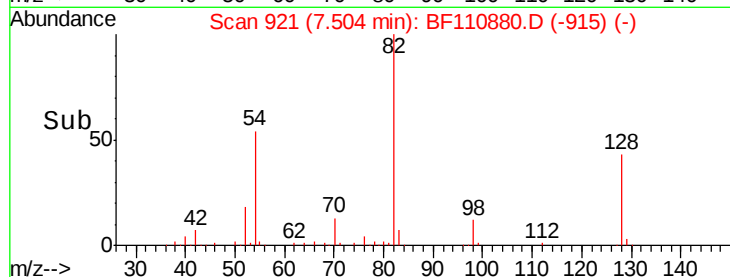
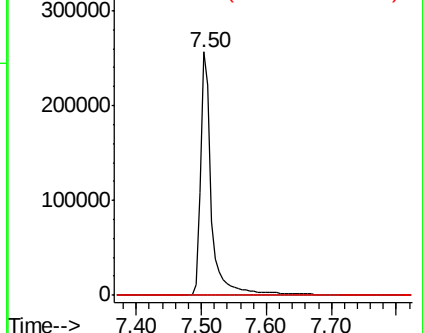
138 0.0 13.2 19.8#



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: BF110880.D

Acq: 20 Nov 2018 4:23

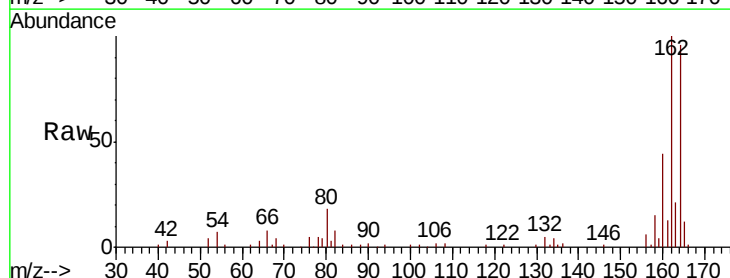
Tgt Ion: 164 Resp: 73357

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

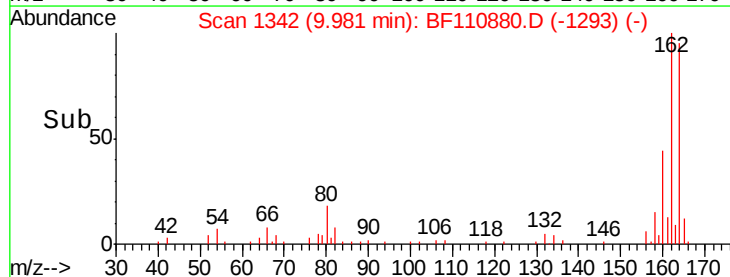
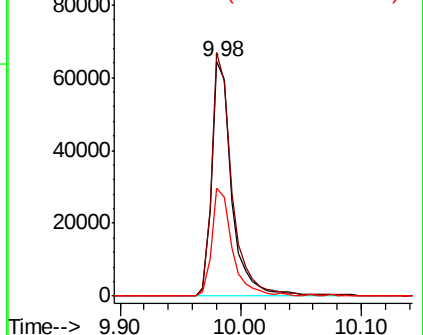
160 46.3 37.0 55.6

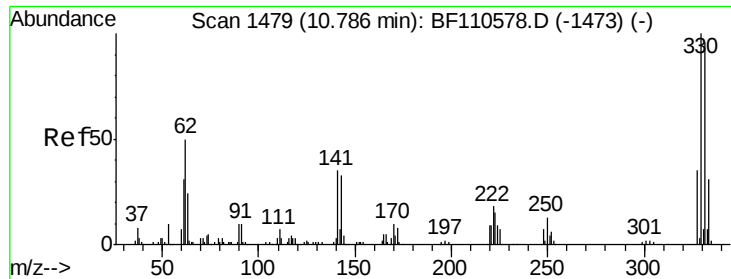


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

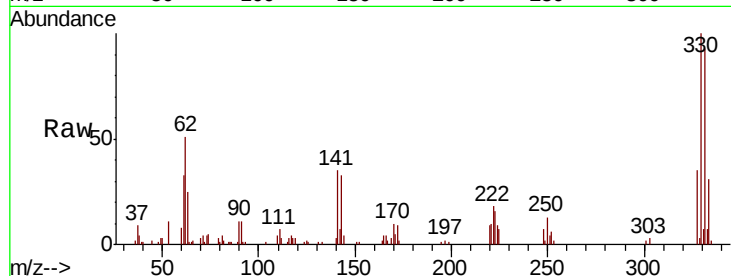




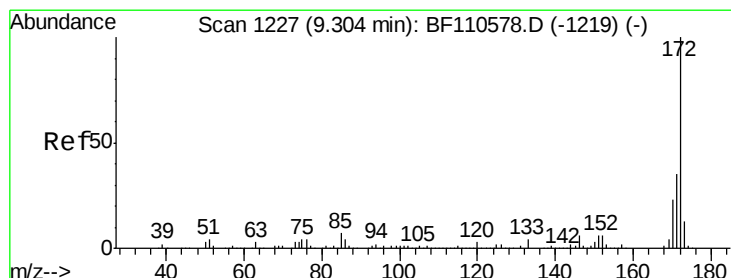
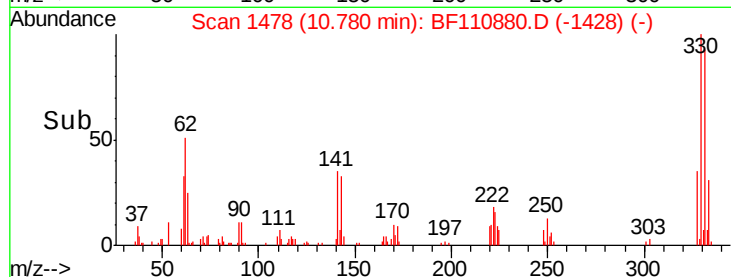
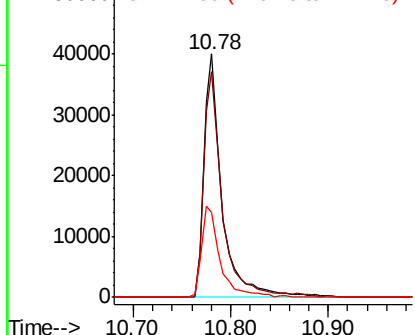
#42
 2,4,6-Tribromophenol
 Concen: 68.813 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110880.D
 Acq: 20 Nov 2018 4:23

Instrument :
 BNA_F
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 111518-JETT-E-U-M

Tgt Ion:330 Resp: 50864
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.1 115.7
 141 38.2 27.0 40.4

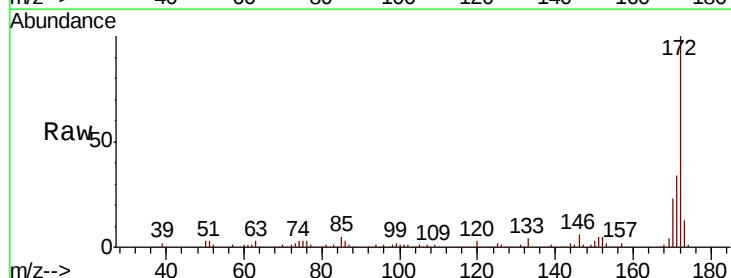


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

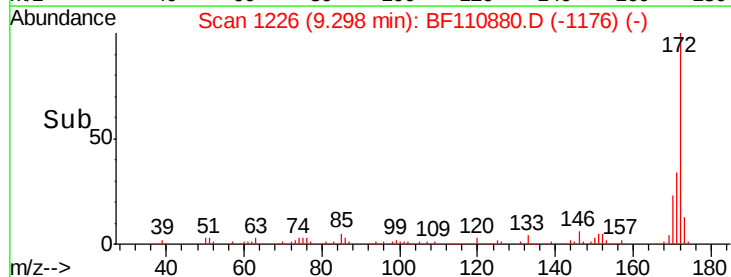
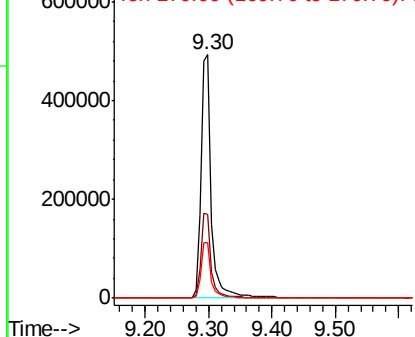


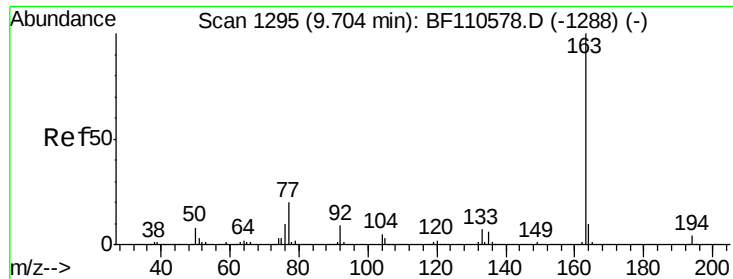
#45
 2-Fluorobiphenyl
 Concen: 105.215 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110880.D
 Acq: 20 Nov 2018 4:23

Tgt Ion:172 Resp: 540424
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.6 43.0
 170 22.7 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: 2.041 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF110880.D

Acq: 20 Nov 2018 4:23

Instrument :

BNA_F

ClientSampleId :

111518-JETT-E-U-M

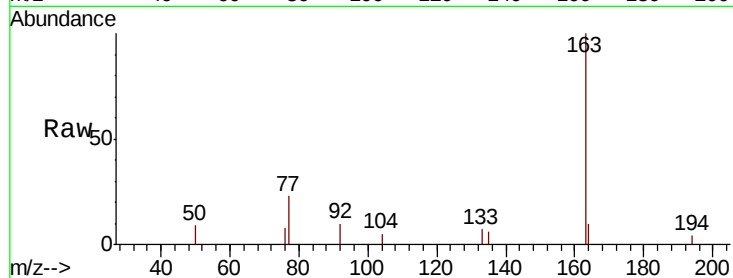
Tgt Ion:163 Resp: 11170

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

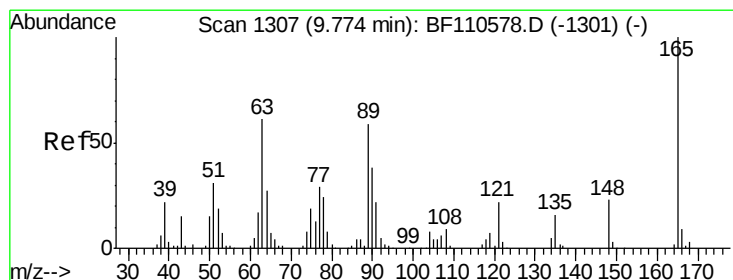
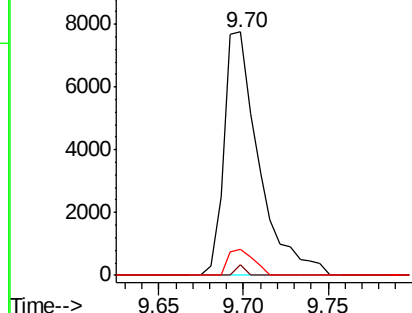
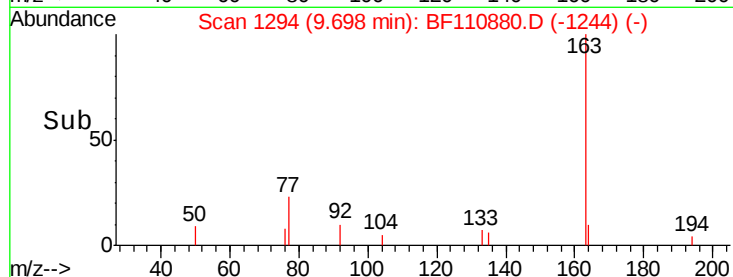
164 10.5 8.1 12.1



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: 7.476 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.21 min

Lab File: BF110880.D

Acq: 20 Nov 2018 4:23

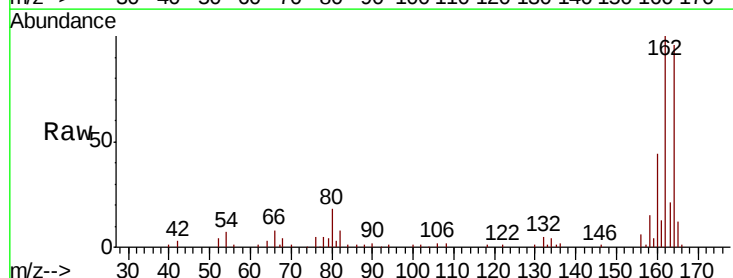
Tgt Ion:165 Resp: 9002

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

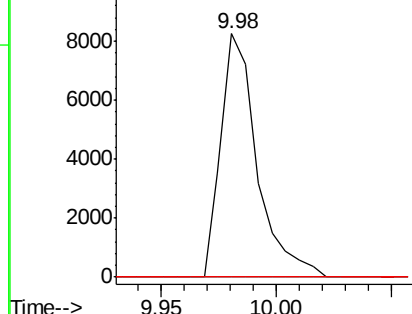
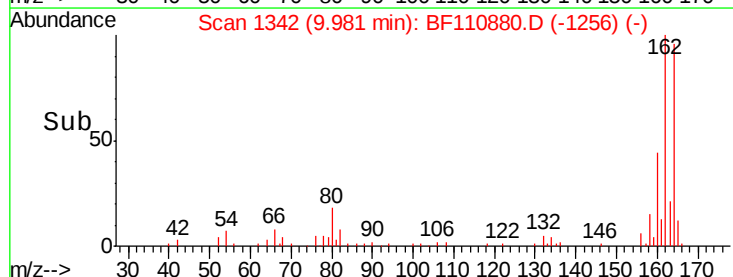
89 0.0 46.6 69.8#



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

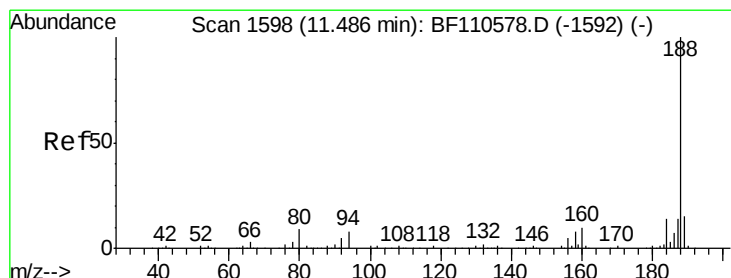
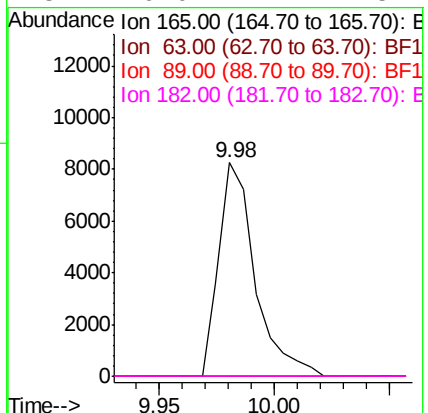
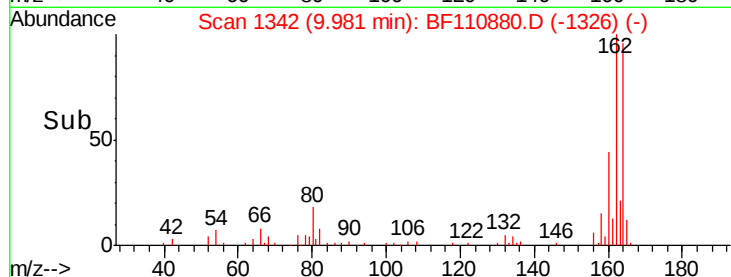
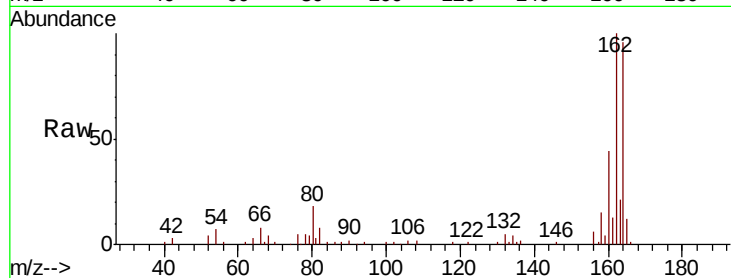




#57
 2,4-Dinitrotoluene
 Concen: 5.750 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110880.D
 Acq: 20 Nov 2018 4:23

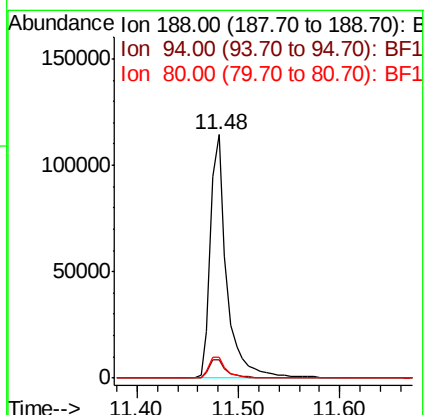
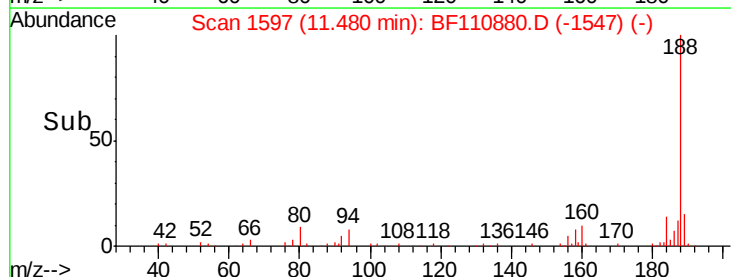
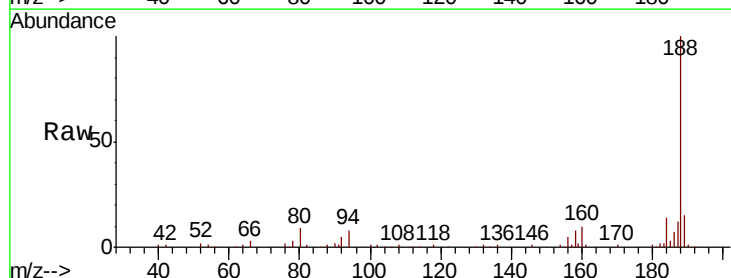
Instrument :
 BNA_F
 ClientSampleId :
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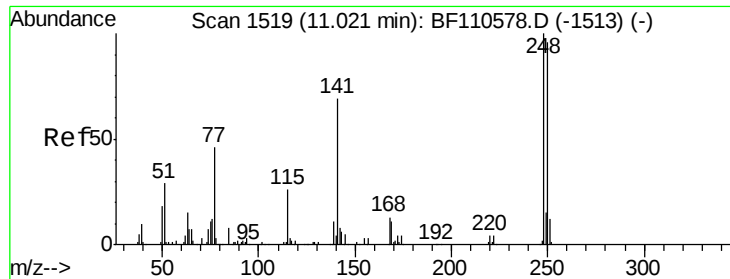
Tgt Ion:	165	Resp:	9002
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110880.D
 Acq: 20 Nov 2018 4:23

Tgt Ion:	188	Resp:	128140
Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.2	10.8
80	8.8	7.9	11.9

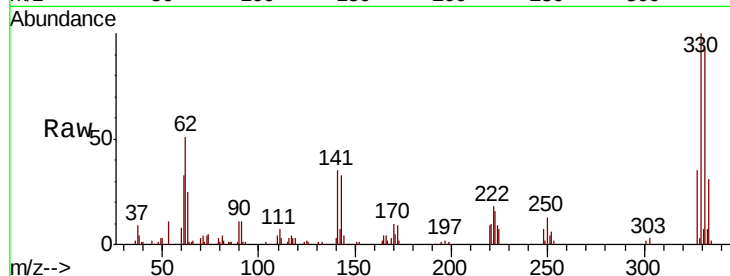




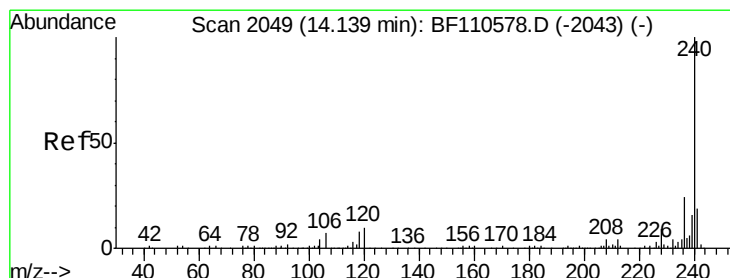
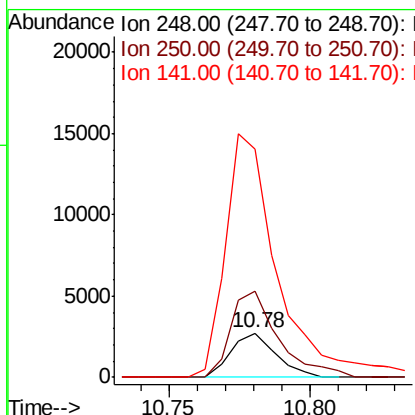
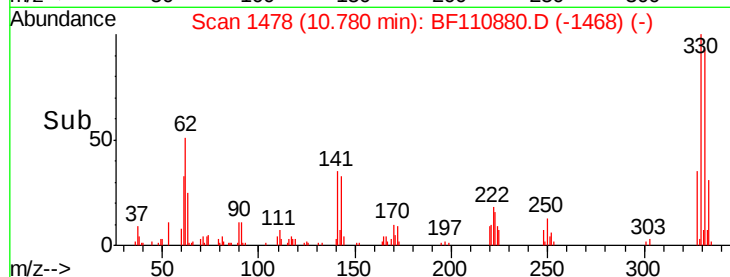
#67
 4-Bromophenyl-phenylether
 Concen: 2.118 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110880.D
 Acq: 20 Nov 2018 4:23

Instrument :
 BNA_F
 ClientSampleId :
 111518-JETT-E-U-M

Tgt Ion:248 Resp: 2999
 Ion Ratio Lower Upper
 248 100
 250 195.0 79.4 119.2#
 141 516.7 55.9 83.9#

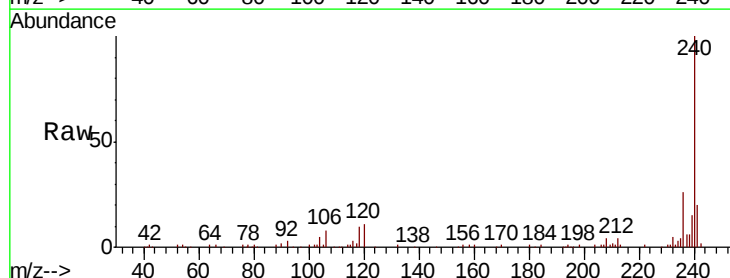


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

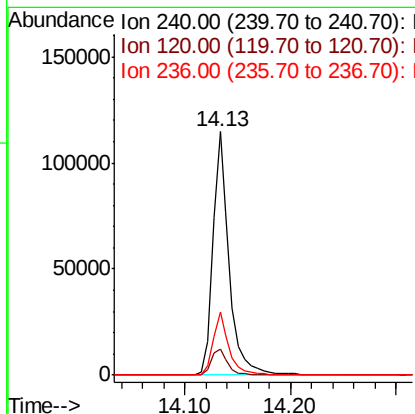
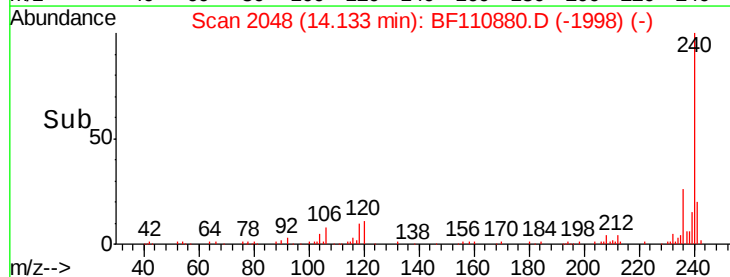


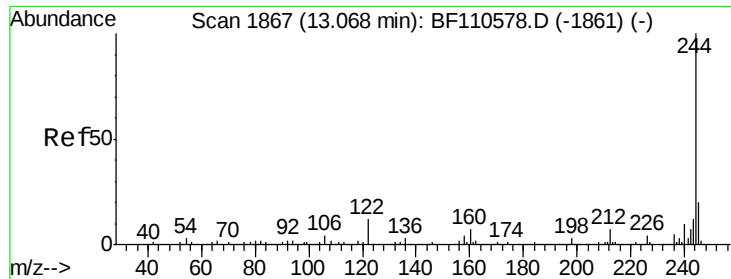
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110880.D
 Acq: 20 Nov 2018 4:23

Tgt Ion:240 Resp: 124088
 Ion Ratio Lower Upper
 240 100
 120 10.8 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





#79

Terphenyl-d14

Concen: 64.821 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110880.D

Acq: 20 Nov 2018 4:23

Instrument :

BNA_F

ClientSampleId :

111518-JETT-E-U-M

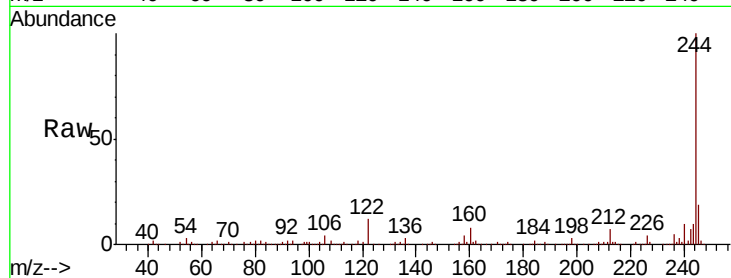
Tgt Ion:244 Resp: 429502

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

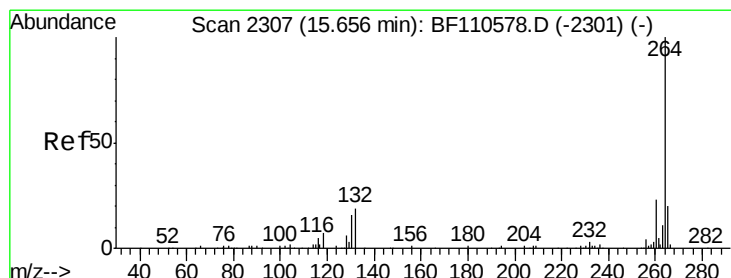
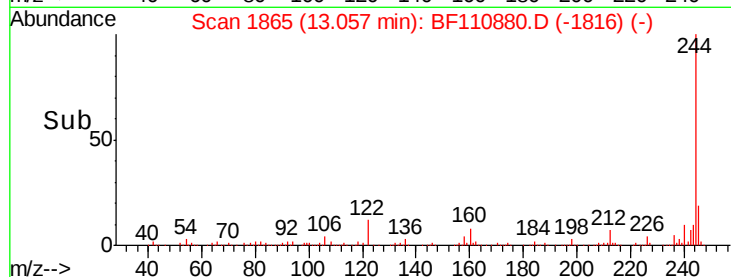
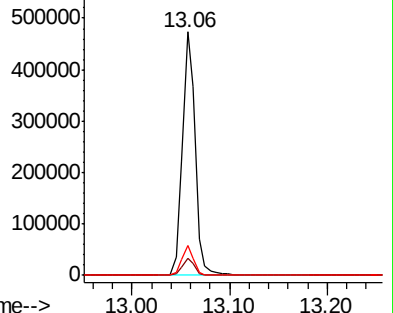
122 12.1 8.7 13.1



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: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110880.D

Acq: 20 Nov 2018 4:23

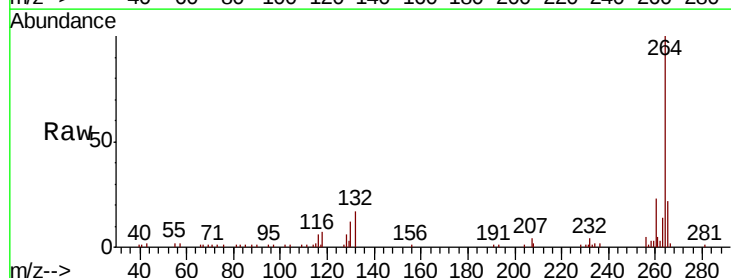
Tgt Ion:264 Resp: 76749

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 22.4 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

