

Data File : BF118644.D
Acq On : 21 Jan 2020 20:41
Operator : CG/JU
Sample : L1004-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-101720

Quant Time: Jan 22 04:20:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

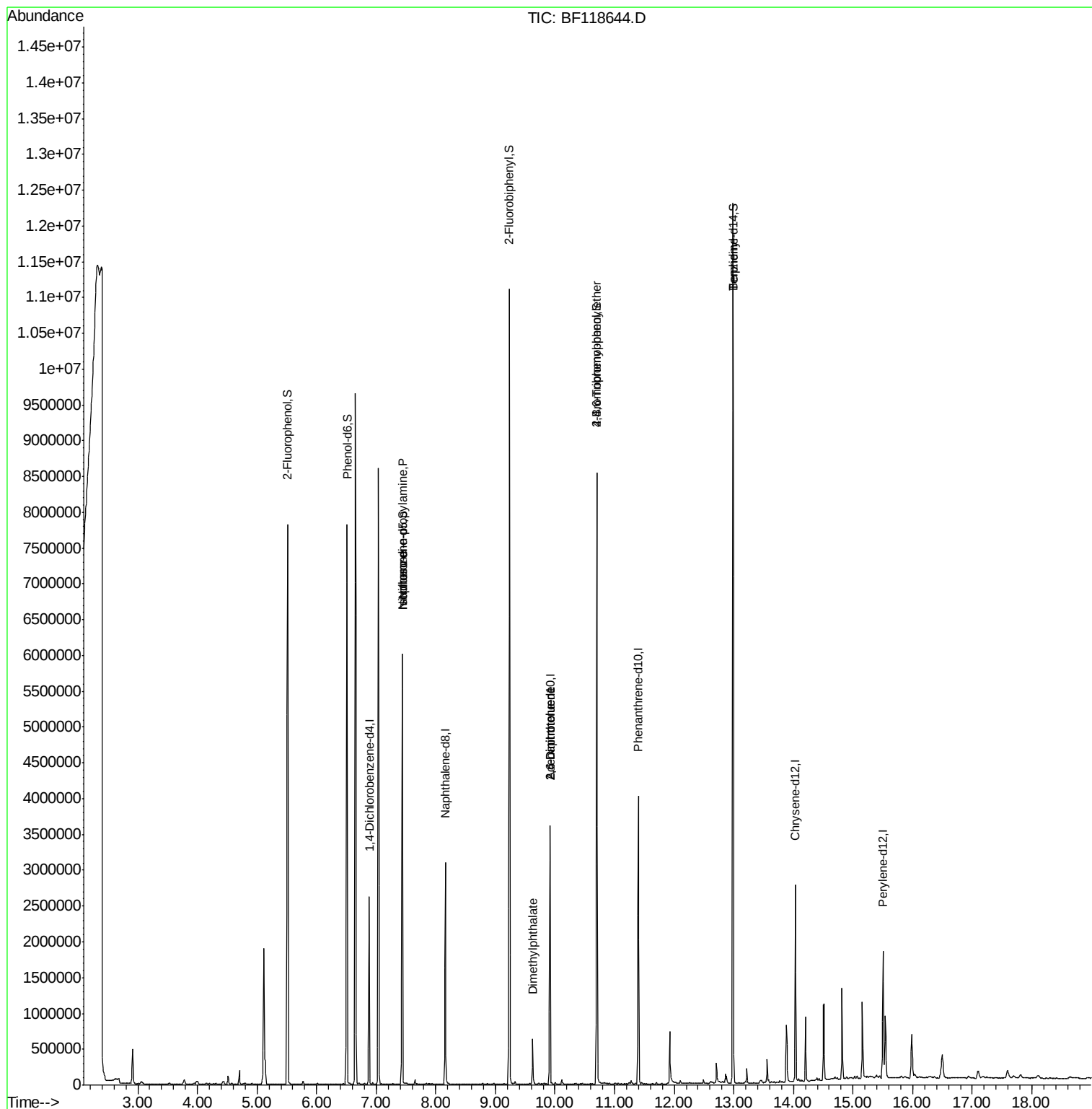
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	374178	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1348890	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	749224	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1336633	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	847496	20.00	ng	-0.01
87) Perylene-d12	15.50	264	889255	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	2492747	123.73	ng	0.01
7) Phenol-d6	6.51	99	3011938	115.02	ng	0.00
23) Nitrobenzene-d5	7.44	82	2175141	90.20	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	1208260	139.43	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	3823523	83.88	ng	-0.01
79) Terphenyl-d14	12.99	244	4392284	113.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	303145	17.145	ng	# 76
25) Isophorone	7.44	82	2173178	49.406	ng	# 64
50) Dimethylphthalate	9.62	163	231541	4.743	ng	# 97
51) 2,6-Dinitrotoluene	9.92	165	98833	9.042	ng	# 21
57) 2,4-Dinitrotoluene	9.92	165	98835	7.173	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	75118	4.549	ng	# 1
77) Benzidine	12.99	184	60246	2.661	ng	# 94

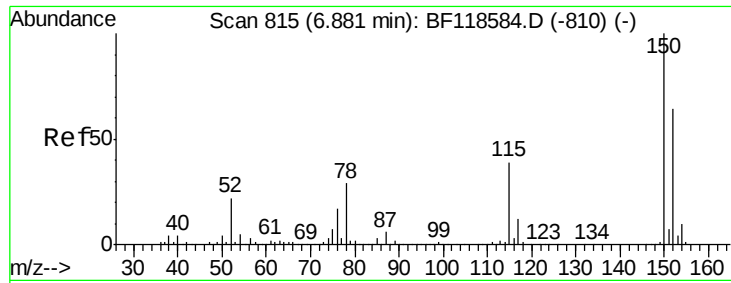
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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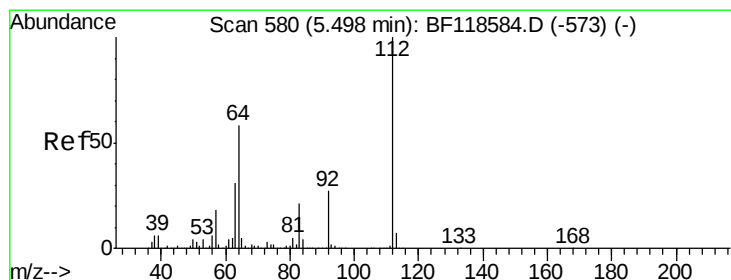
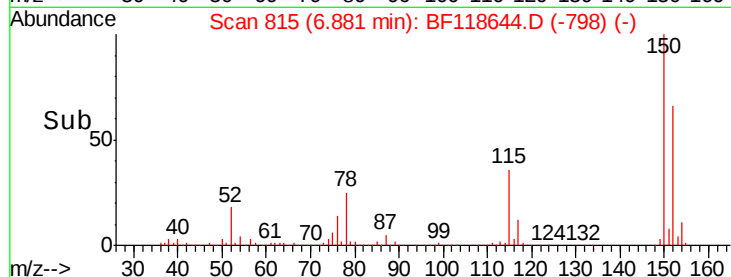
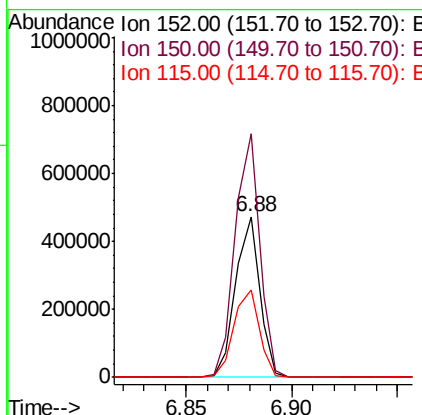
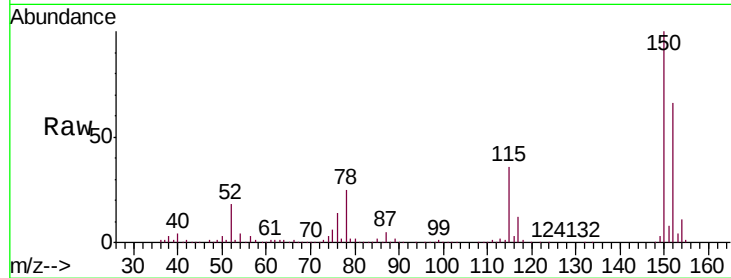




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF118644.D
 Acq: 21 Jan 2020 20:41

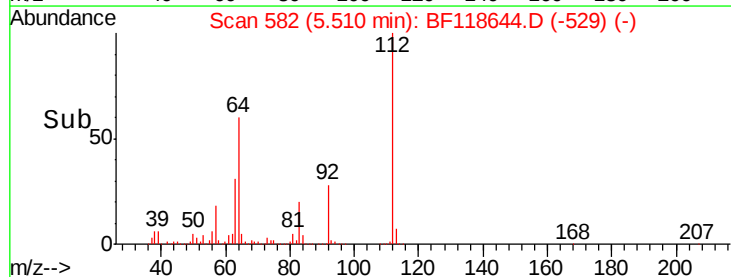
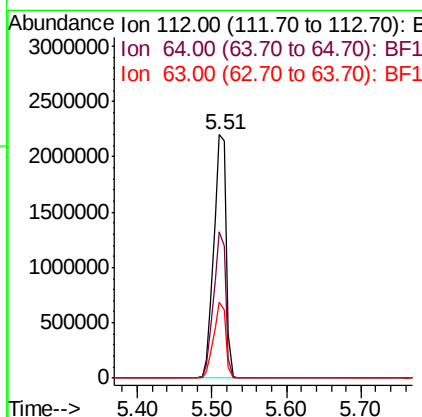
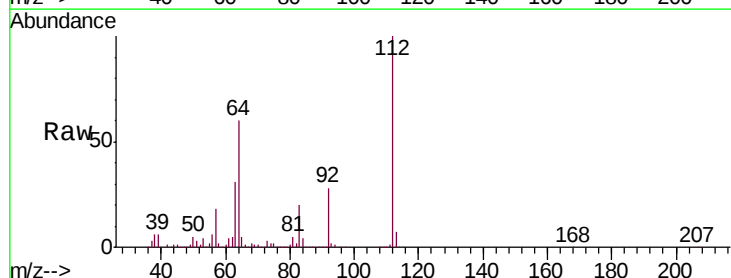
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720

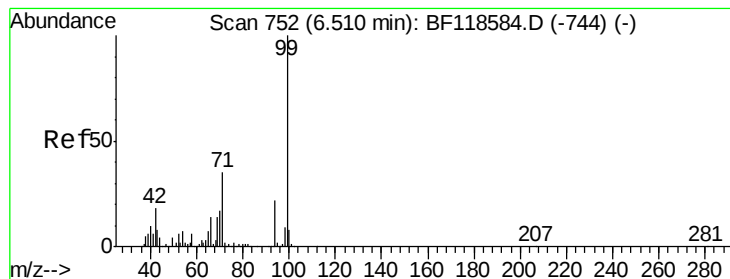
Tgt Ion:152 Resp: 374178
 Ion Ratio Lower Upper
 152 100
 150 151.4 125.6 188.4
 115 54.7 48.4 72.6



#5
 2-Fluorophenol
 Concen: 123.729 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF118644.D
 Acq: 21 Jan 2020 20:41

Tgt Ion:112 Resp: 2492747
 Ion Ratio Lower Upper
 112 100
 64 60.0 46.6 70.0
 63 31.3 25.1 37.7





#7

Phenol-d6

Concen: 115.022 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118644.D

Acq: 21 Jan 2020 20:41

Instrument :

BNA_F

ClientSampleId :

BU-02-101720

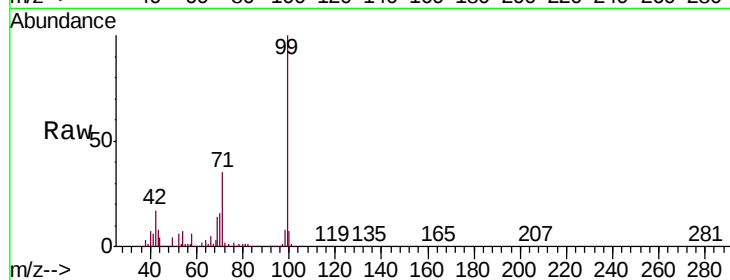
Tgt Ion: 99 Resp: 3011938

Ion Ratio Lower Upper

99 100

42 17.1 14.2 21.2

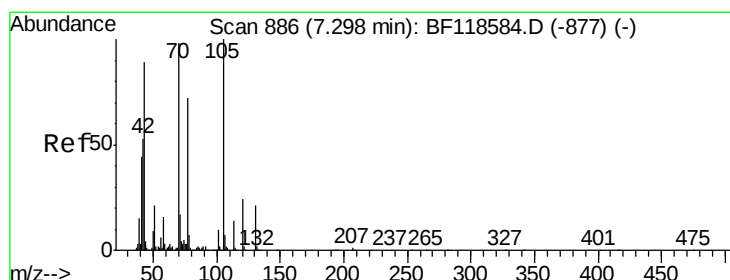
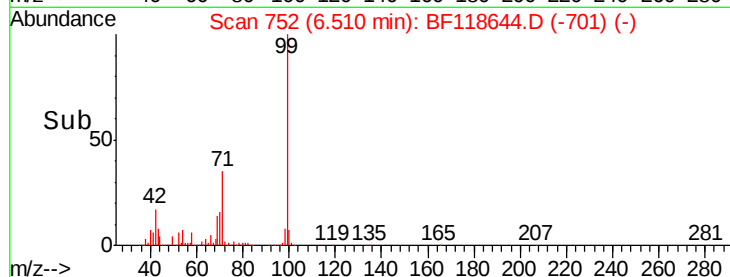
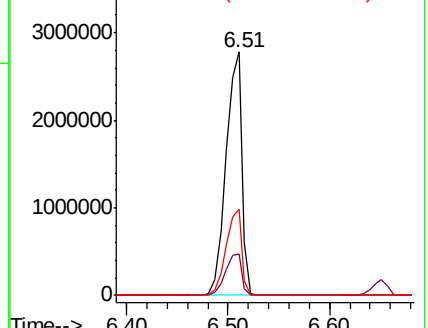
71 35.4 27.8 41.6



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: 17.145 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF118644.D

Acq: 21 Jan 2020 20:41

Tgt Ion: 70 Resp: 303145

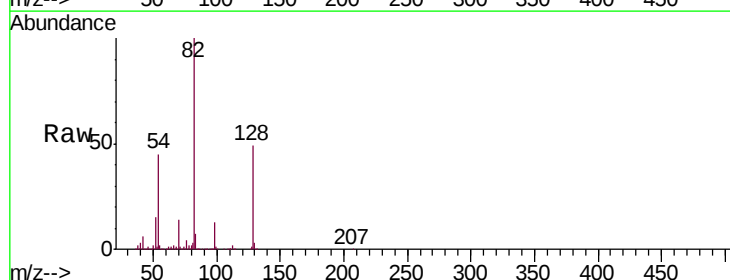
Ion Ratio Lower Upper

70 100

42 42.5 43.4 65.0#

101 0.0 8.1 12.1#

130 2.3 17.6 26.4#

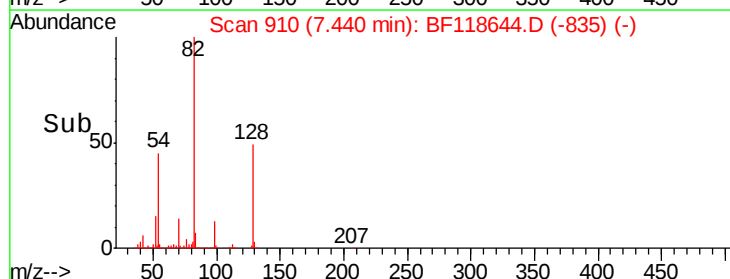
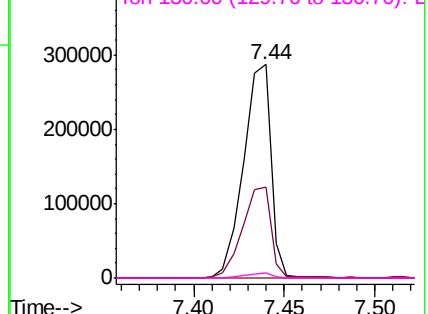


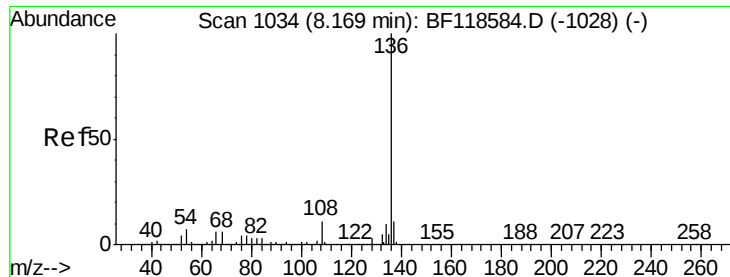
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

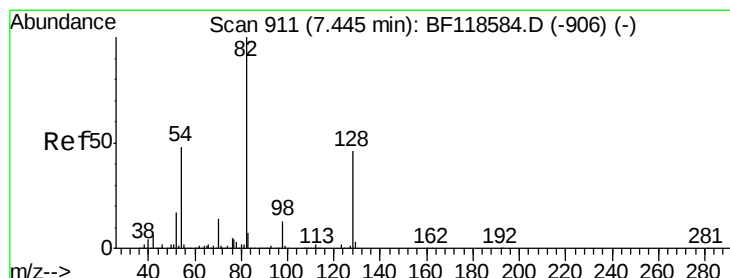
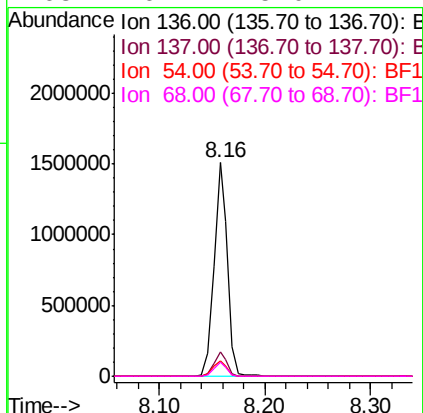
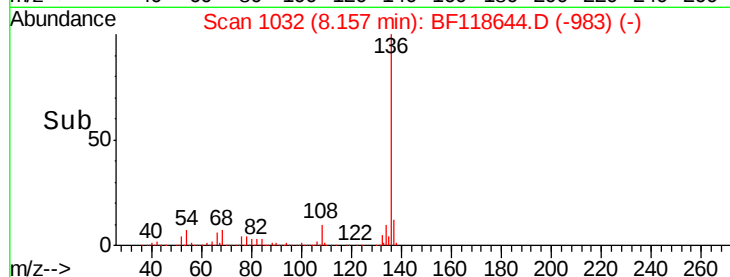
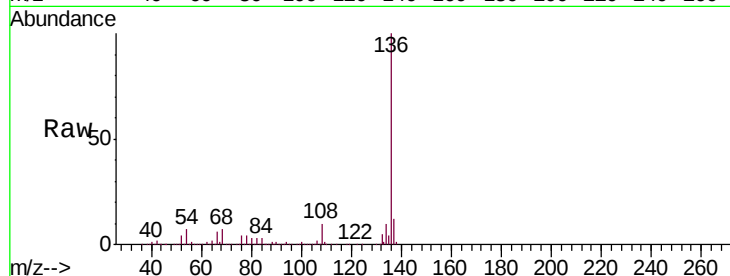




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118644.D
Acq: 21 Jan 2020 20:41

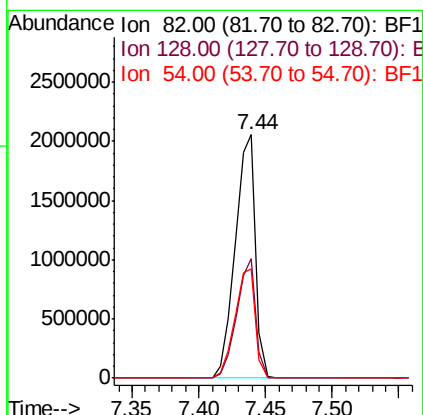
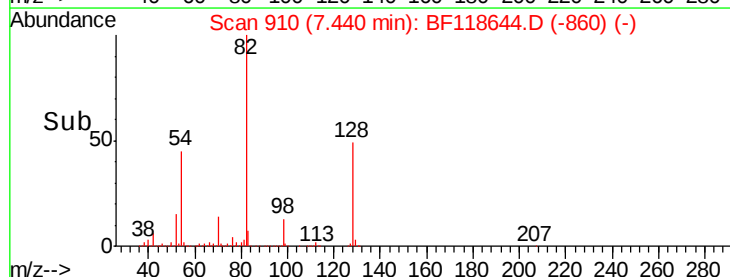
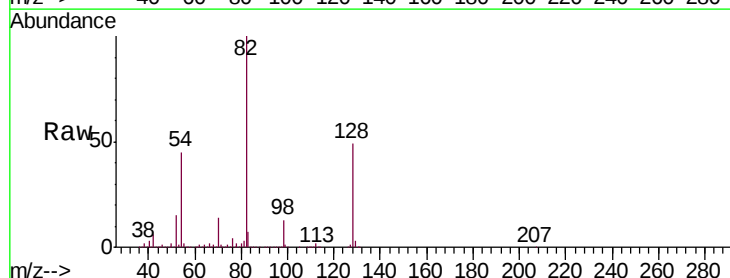
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Tgt Ion:	136	Resp:	1348890
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	7.4	5.8	8.6
68	6.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 90.196 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118644.D
Acq: 21 Jan 2020 20:41

Tgt Ion:	82	Resp:	2175141
Ion	Ratio	Lower	Upper
82	100		
128	49.1	36.6	54.8
54	44.8	38.0	57.0





#25

Isophorone

Concen: 49.406 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.26 min

Lab File: BF118644.D

Acq: 21 Jan 2020 20:41

Instrument :

BNA_F

ClientSampleId :

BU-02-101720

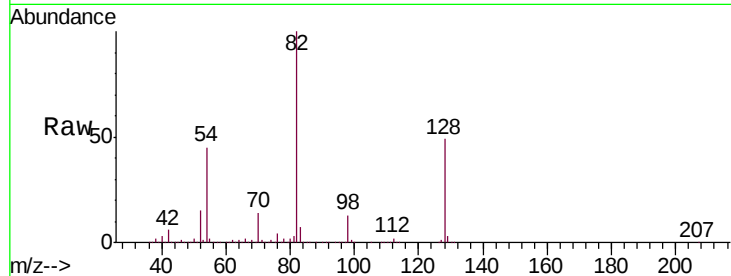
Tgt Ion: 82 Resp: 2173178

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

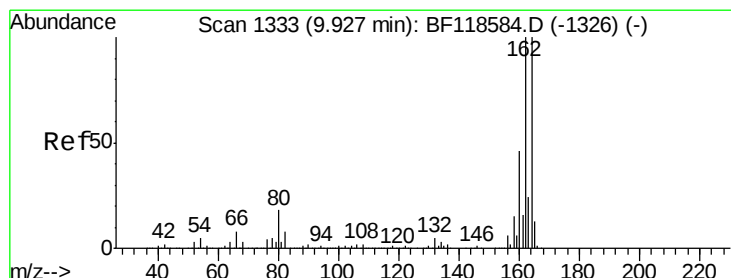
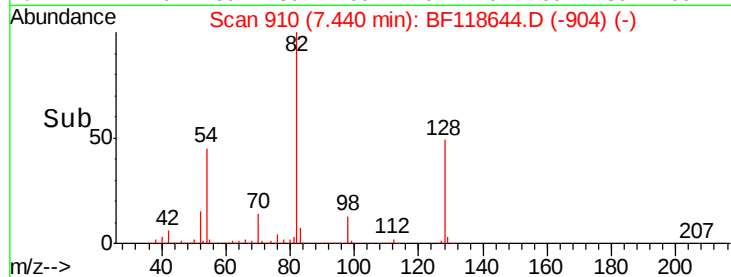
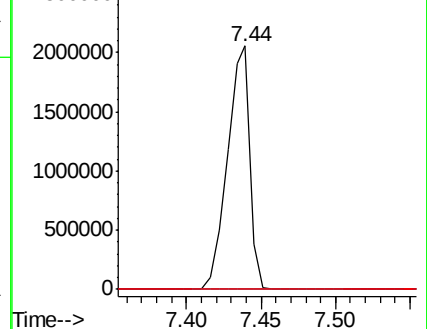
138 0.0 15.3 22.9#



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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118644.D

Acq: 21 Jan 2020 20:41

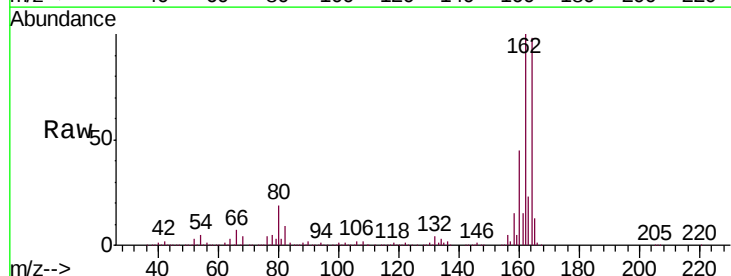
Tgt Ion: 164 Resp: 749224

Ion Ratio Lower Upper

164 100

162 102.2 80.4 120.6

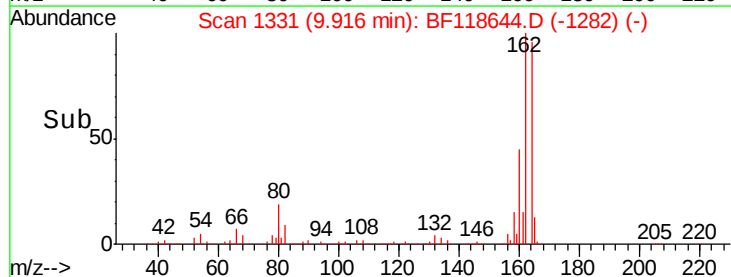
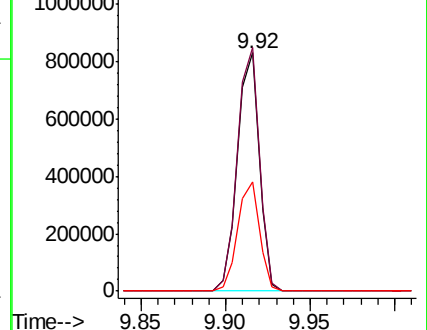
160 45.9 36.6 55.0

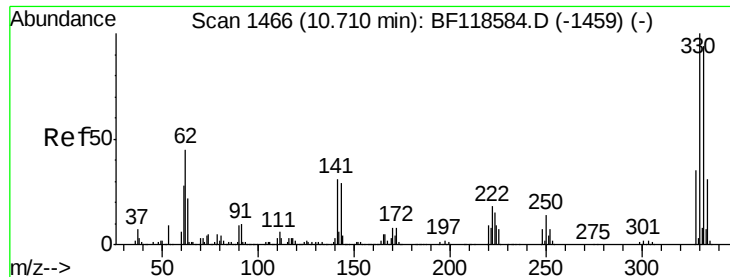


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

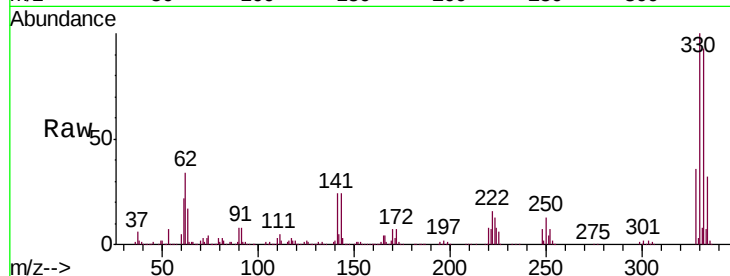




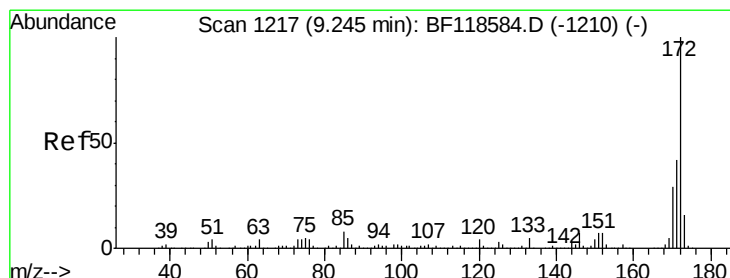
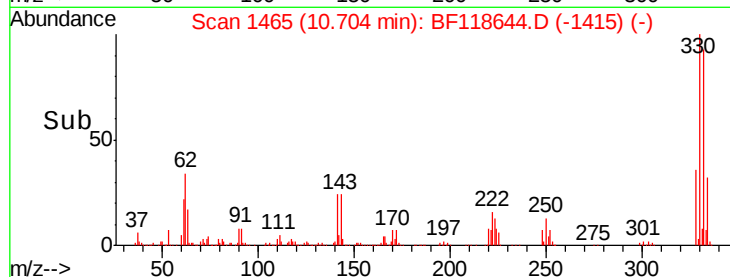
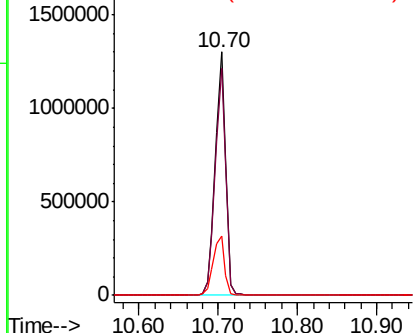
#42
 2,4,6-Tribromophenol
 Concen: 139.430 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118644.D
 Acq: 21 Jan 2020 20:41

Instrument :
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Tgt Ion:330 Resp: 1208260
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.2 114.4
 141 26.3 23.9 35.9

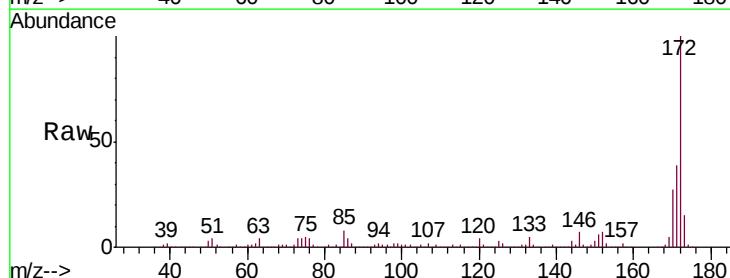


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

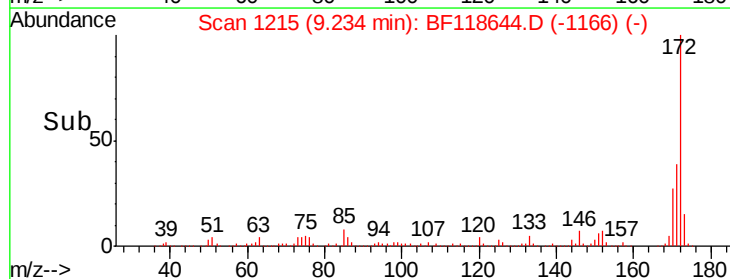
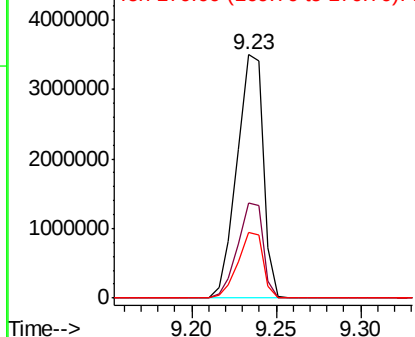


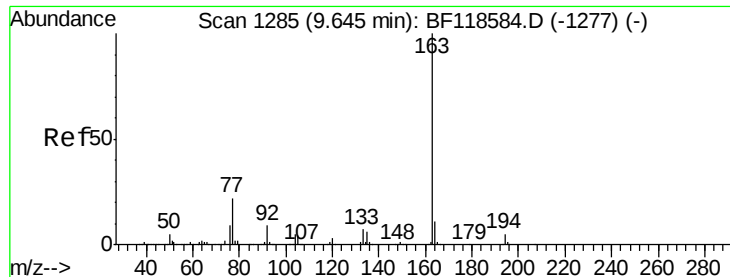
#45
 2-Fluorobiphenyl
 Concen: 83.879 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118644.D
 Acq: 21 Jan 2020 20:41

Tgt Ion:172 Resp: 3823523
 Ion Ratio Lower Upper
 172 100
 171 39.3 33.4 50.2
 170 27.1 23.2 34.8



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

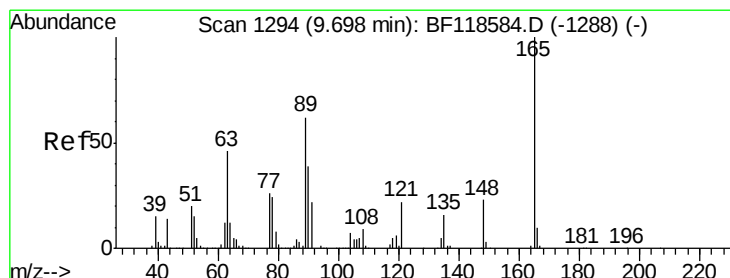
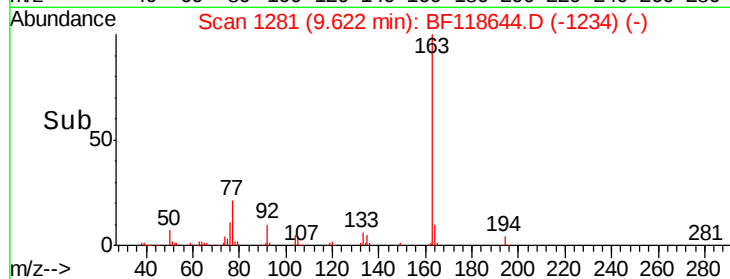
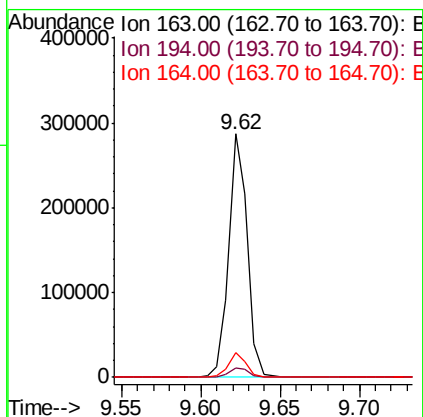
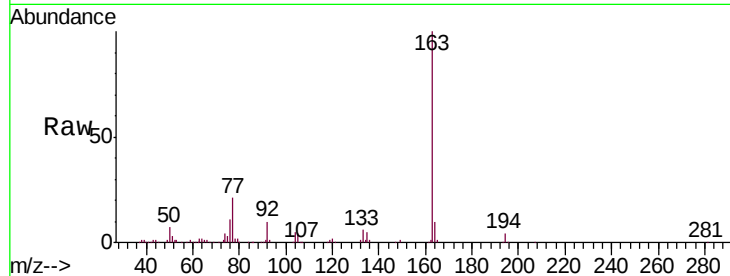




#50
Dimethylphthalate
Concen: 4.743 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118644.D
Acq: 21 Jan 2020 20:41

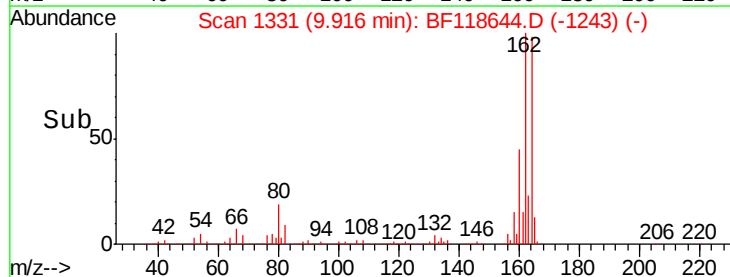
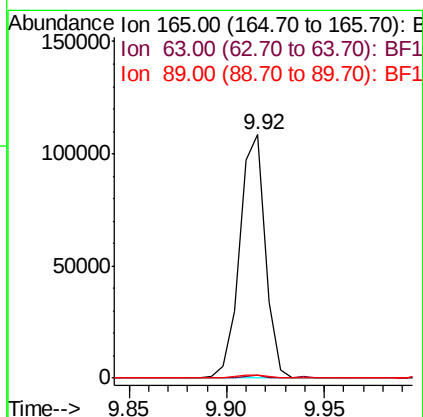
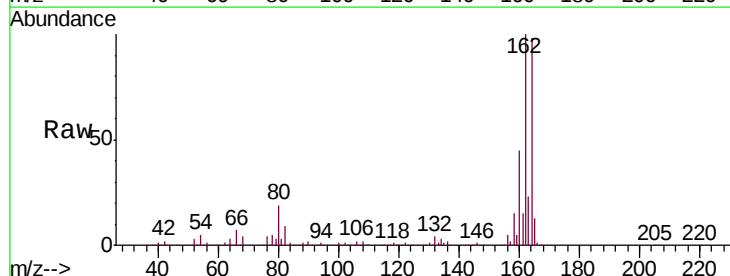
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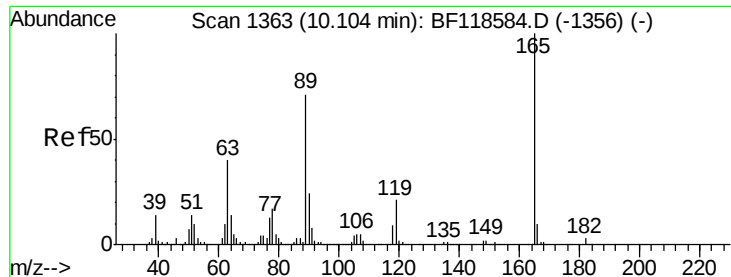
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.9	5.9
164	10.1	9.1	13.7



#51
2,6-Dinitrotoluene
Concen: 9.042 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.22 min
Lab File: BF118644.D
Acq: 21 Jan 2020 20:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	48.9	73.3#
89	1.4	49.8	74.6#

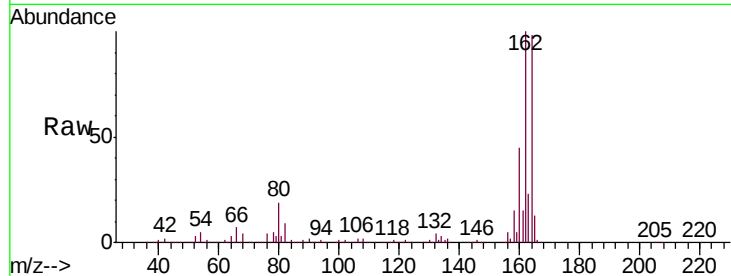




#57
 2,4-Dinitrotoluene
 Concen: 7.173 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118644.D
 Acq: 21 Jan 2020 20:41

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-101720

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.4	48.6#
89	1.4	56.4	84.6#
182	0.0	2.3	3.5#

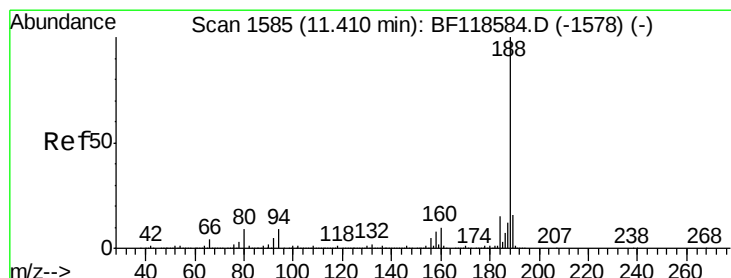
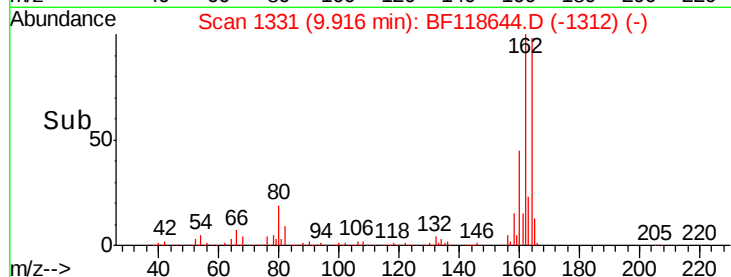
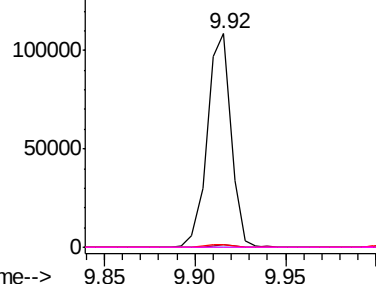


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

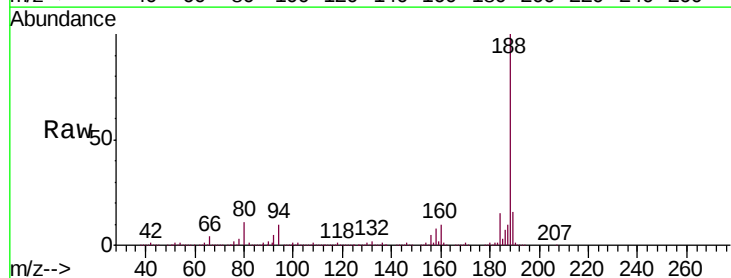
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF118644.D
 Acq: 21 Jan 2020 20:41

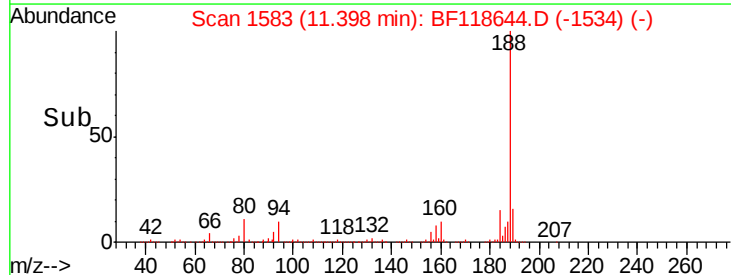
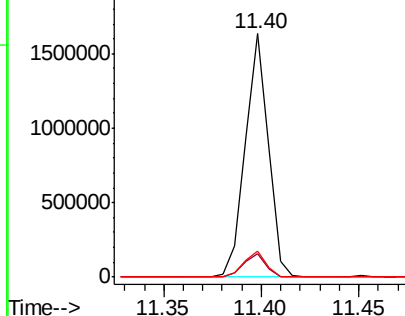
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.1	10.7
80	10.5	7.5	11.3



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

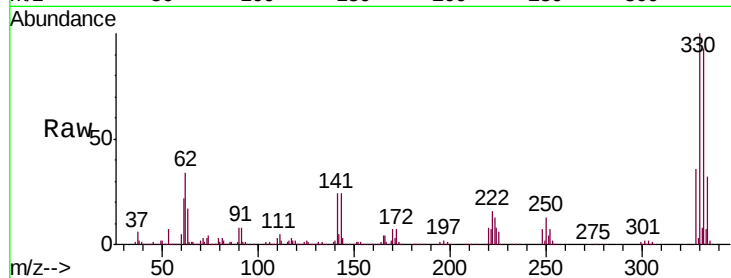




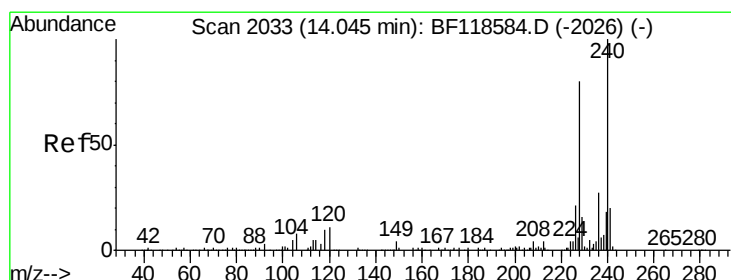
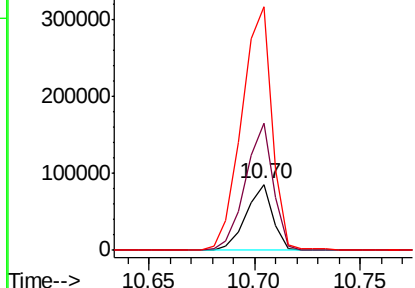
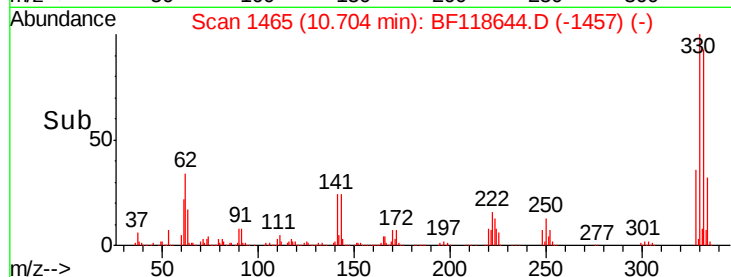
#67
4-Bromophenyl-phenylether
Concen: 4.549 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118644.D
Acq: 21 Jan 2020 20:41

Instrument :
BNA_F
ClientSampleId :
BU-02-101720

Tgt Ion:248 Resp: 75118
Ion Ratio Lower Upper
248 100
250 193.2 78.7 118.1#
141 370.5 43.2 64.8#

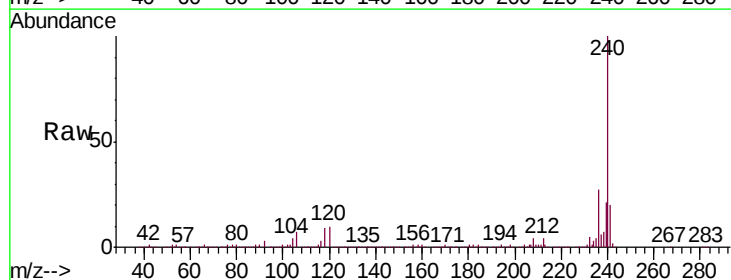


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

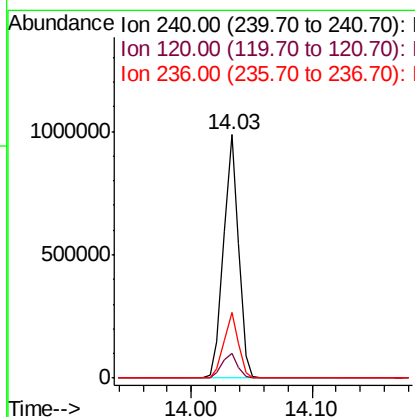
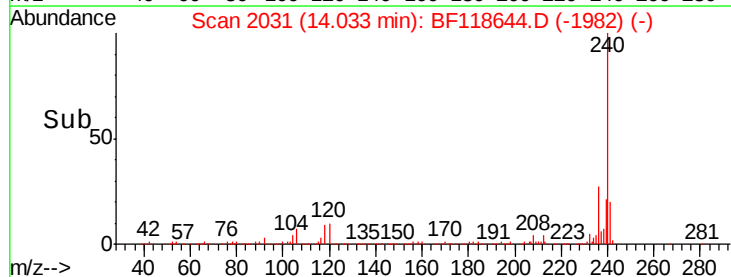


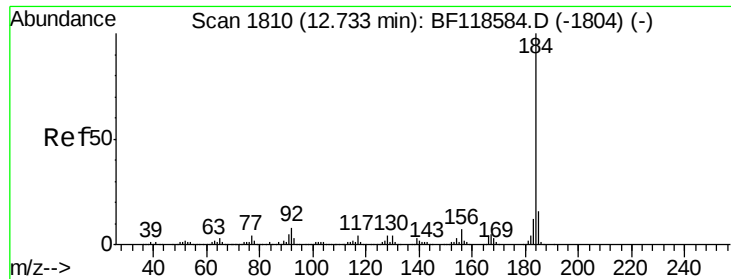
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118644.D
Acq: 21 Jan 2020 20:41

Tgt Ion:240 Resp: 847496
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 26.8 21.5 32.3



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: 2.661 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.25 min

Lab File: BF118644.D

Acq: 21 Jan 2020 20:41

Instrument :

BNA_F

ClientSampleId :

BU-02-101720

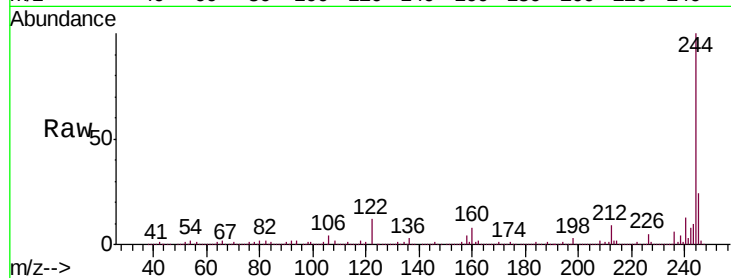
Tgt Ion:184 Resp: 60246

Ion Ratio Lower Upper

184 100

185 16.6 12.9 19.3

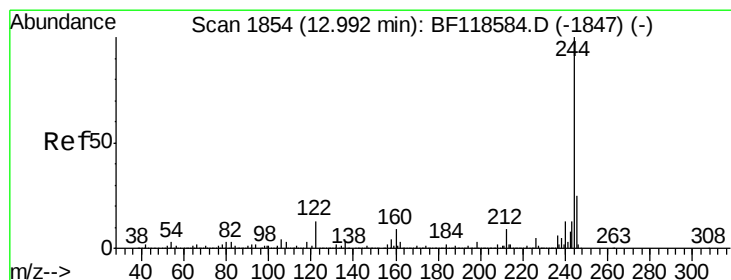
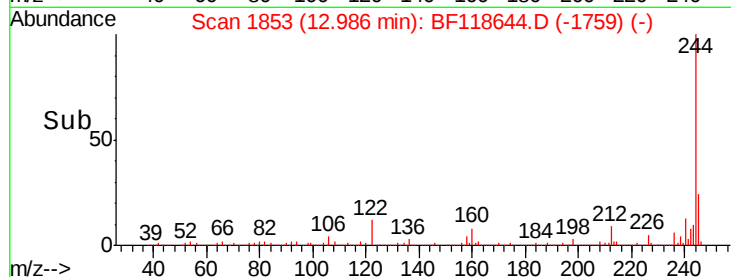
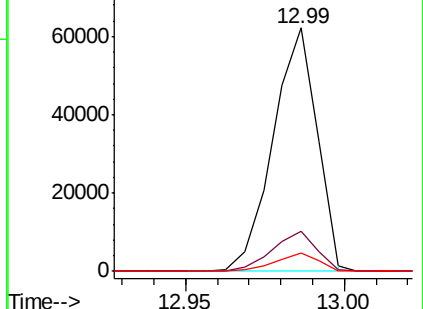
183 7.3 9.6 14.4#



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: 113.039 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118644.D

Acq: 21 Jan 2020 20:41

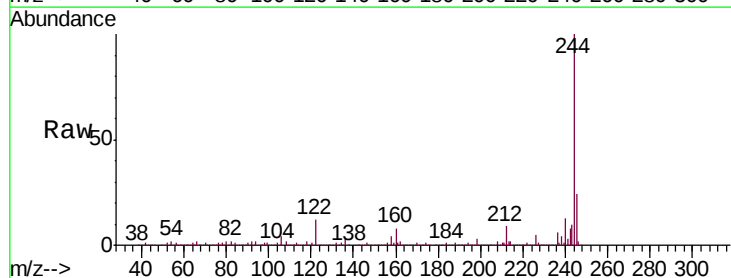
Tgt Ion:244 Resp: 4392284

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

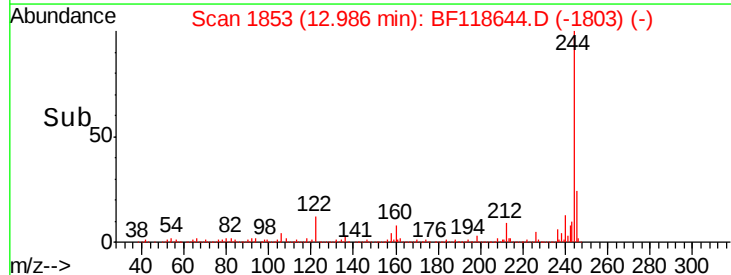
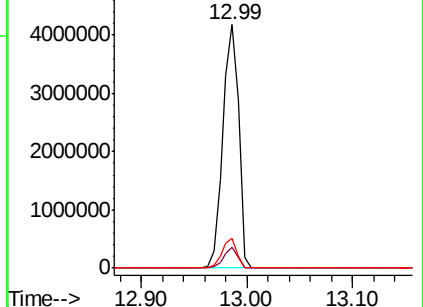
122 12.3 10.7 16.1

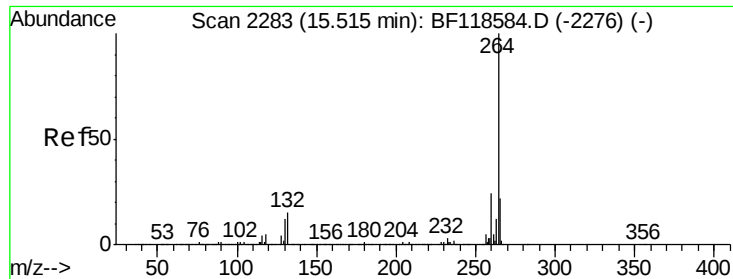


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF118644.D
Acq: 21 Jan 2020 20:41

Instrument :
BNA_F
ClientSampleId :
BU-02-101720

Tgt Ion: 264 Resp: 889255
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.8 17.7 26.5

