

Data File : BF118464.D
Acq On : 3 Jan 2020 18:40
Operator : JU
Sample : K6449-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LW-04

Quant Time: Jan 04 00:05:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	76039	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	275481	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	150076	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	288406	20.00	ng	0.00
76) Chrysene-d12	14.04	240	220397	20.00	ng	0.00
87) Perylene-d12	15.53	264	213002	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	400611	89.93	ng	0.00
7) Phenol-d6	6.48	99	328287	59.41	ng	0.00
23) Nitrobenzene-d5	7.42	82	514981	106.92	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	296205	159.82	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	971492	98.81	ng	-0.01
79) Terphenyl-d14	12.98	244	1446762	108.90	ng	0.00

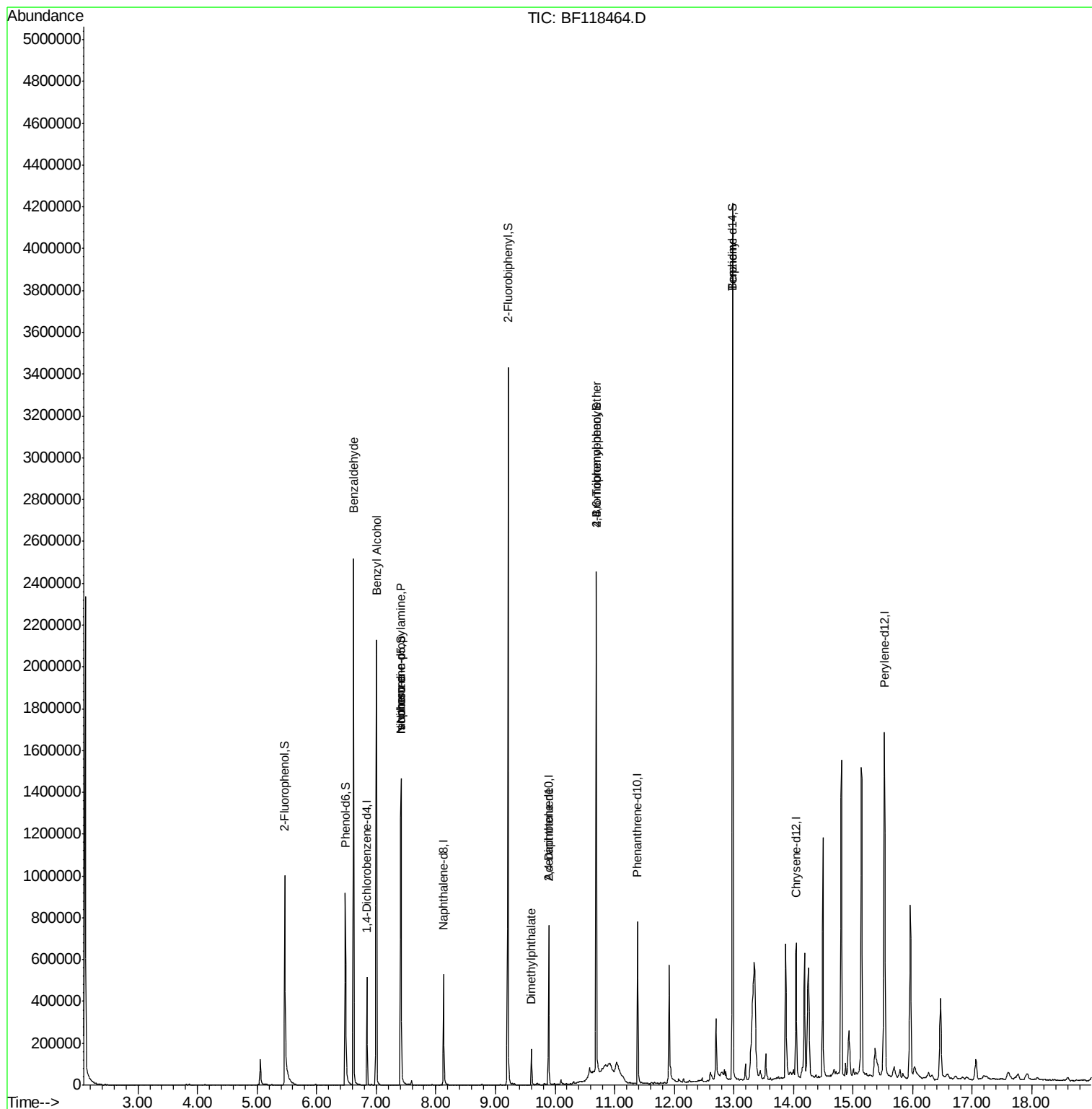
Target Compounds				Qvalue		
9) Benzaldehyde	6.62	77	16882	5.211	ng	# 78
15) Benzyl Alcohol	7.00	79	9349	2.222	ng	# 48
19) n-Nitroso-di-n-propylamine	7.42	70	72257	21.226	ng	# 78
25) Isophorone	7.42	82	514976	61.349	ng	# 62
50) Dimethylphthalate	9.60	163	67062	5.953	ng	# 98
57) 2,4-Dinitrotoluene	9.89	165	19232	5.926	ng	# 31
67) 4-Bromophenyl-phenylether	10.69	248	18400	5.452	ng	# 1
77) Benzidine	12.98	184	21127	3.498	ng	# 97

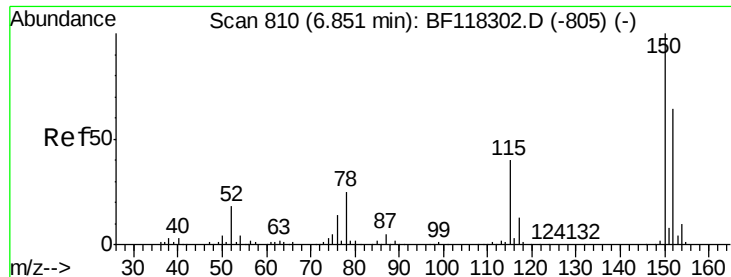
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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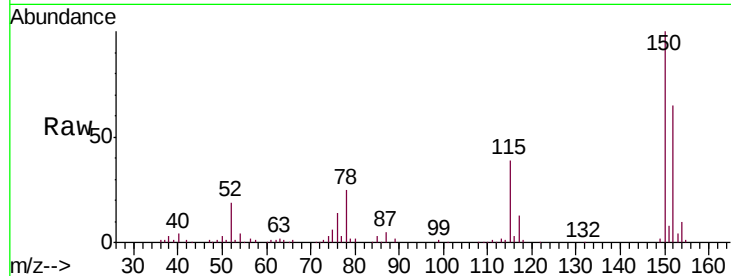




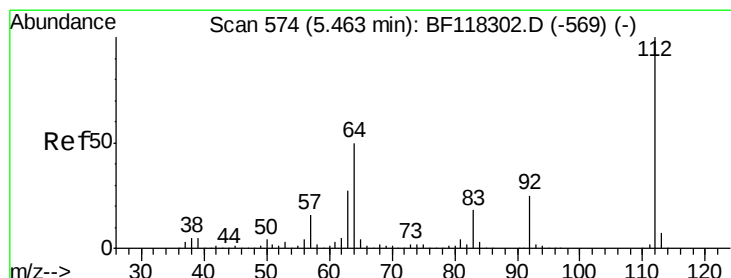
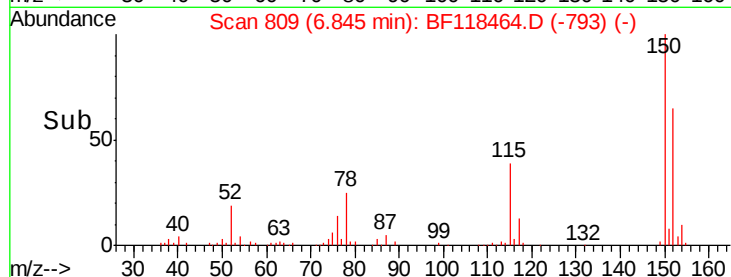
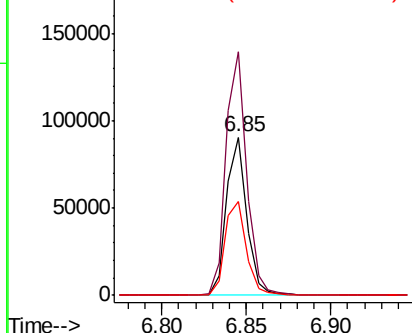
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF118464.D
 Acq: 3 Jan 2020 18:40

Instrument :
 BNA_F
 ClientSampleId :
 LW-04

Tgt Ion:152 Resp: 76039
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.4 188.2
 115 59.8 50.2 75.4

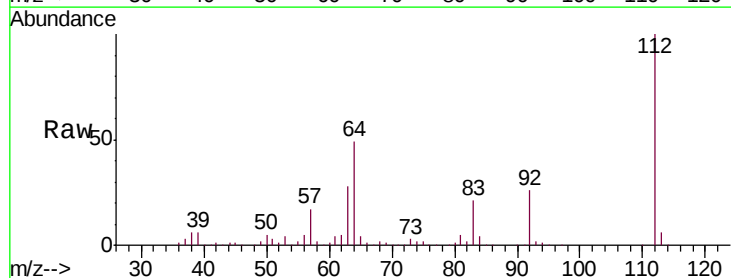


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

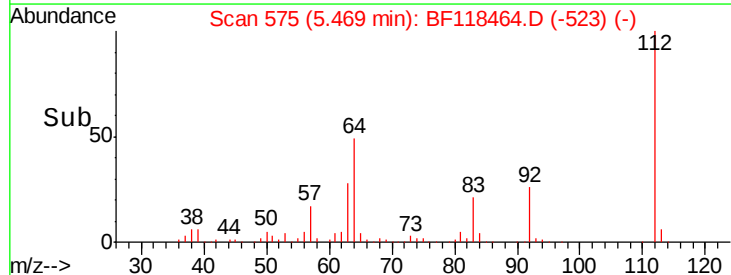
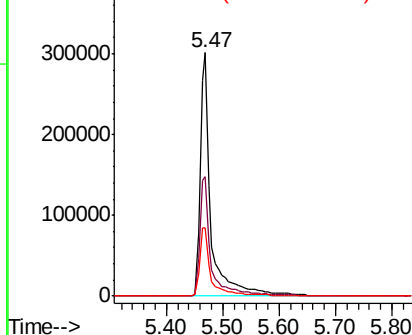


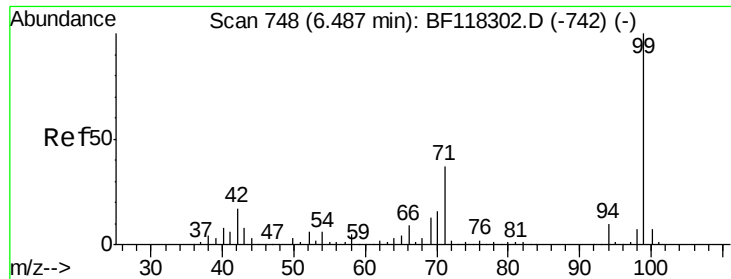
#5
 2-Fluorophenol
 Concen: 89.933 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF118464.D
 Acq: 3 Jan 2020 18:40

Tgt Ion:112 Resp: 400611
 Ion Ratio Lower Upper
 112 100
 64 49.0 39.7 59.5
 63 28.3 21.7 32.5



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: 59.408 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118464.D

Acq: 3 Jan 2020 18:40

Instrument :

BNA_F

ClientSampled :

LW-04

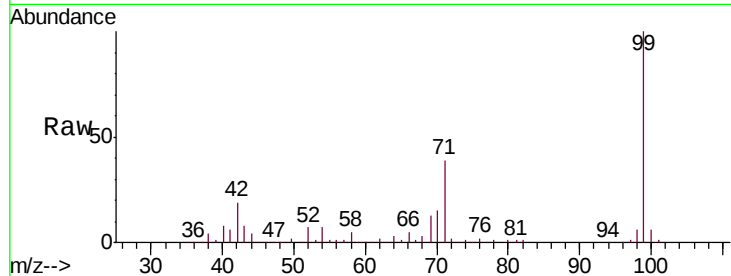
Tgt Ion: 99 Resp: 328287

Ion Ratio Lower Upper

99 100

42 19.0 13.5 20.3

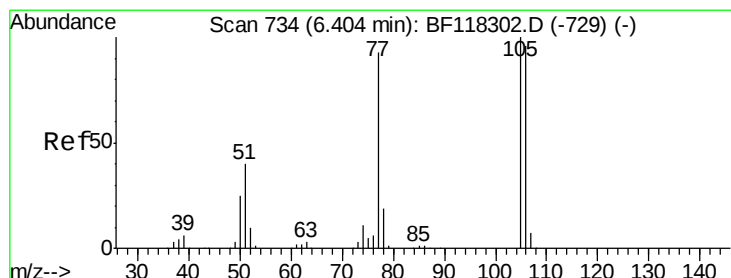
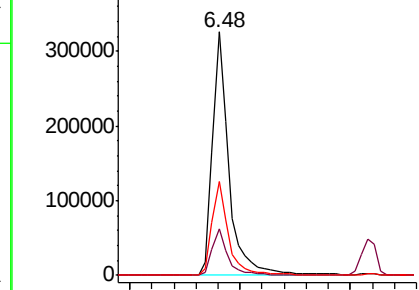
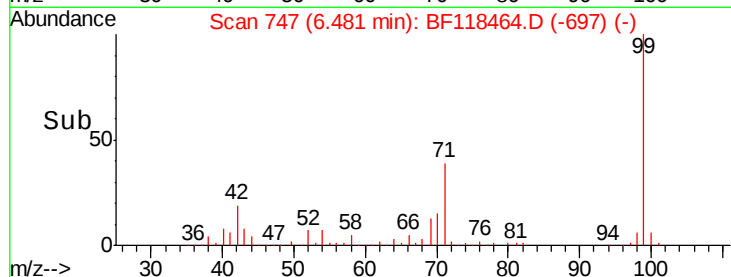
71 38.8 29.4 44.2



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



#9

Benzaldehyde

Concen: 5.211 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

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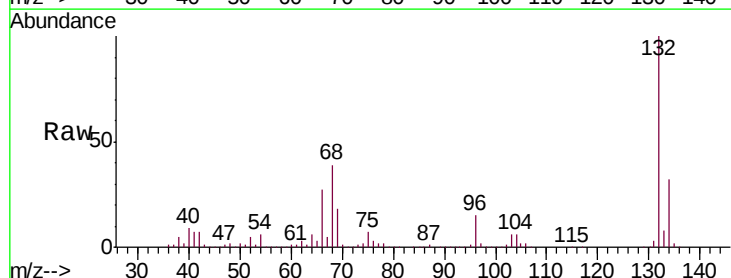
Tgt Ion: 77 Resp: 16882

Ion Ratio Lower Upper

77 100

105 88.5 87.5 127.5

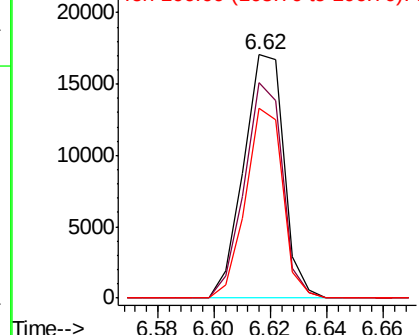
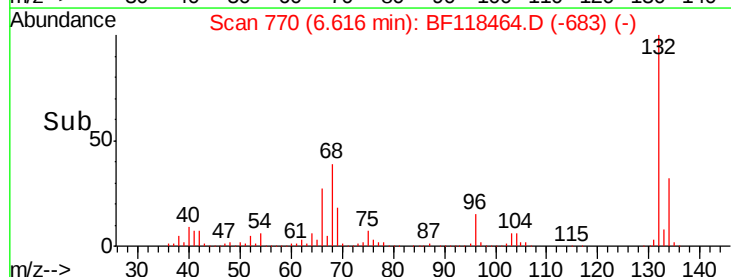
106 78.0 83.6 123.6#

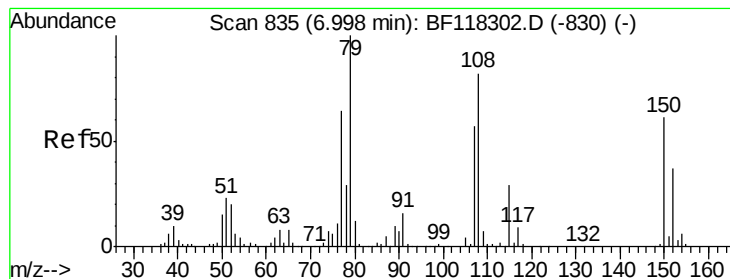


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.222 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF118464.D

Acq: 3 Jan 2020 18:40

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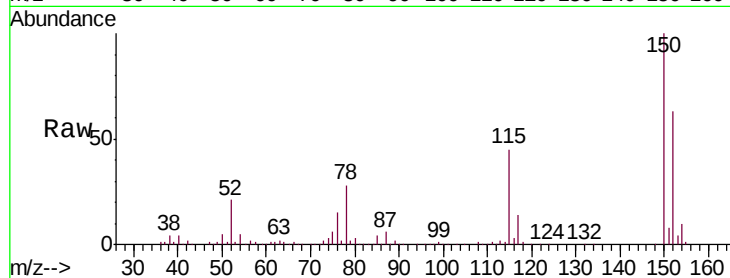
Tgt Ion: 79 Resp: 9349

Ion Ratio Lower Upper

79 100

108 33.7 65.4 98.0#

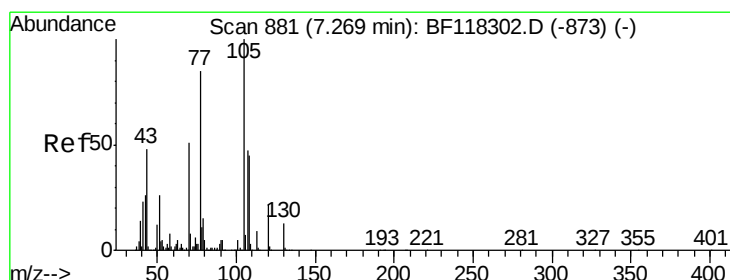
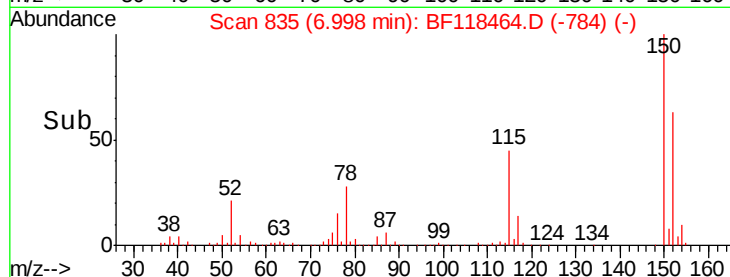
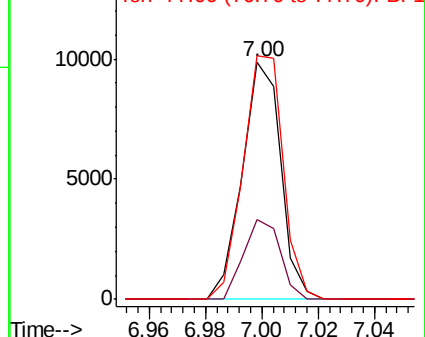
77 102.4 51.4 77.0#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 21.226 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF118464.D

Acq: 3 Jan 2020 18:40

Tgt Ion: 70 Resp: 72257

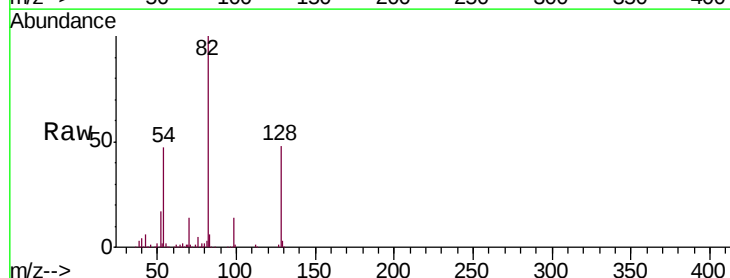
Ion Ratio Lower Upper

70 100

42 44.5 41.1 61.7

101 0.0 8.3 12.5#

130 2.0 20.1 30.1#

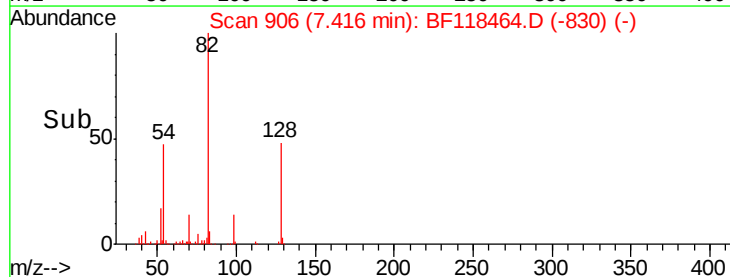
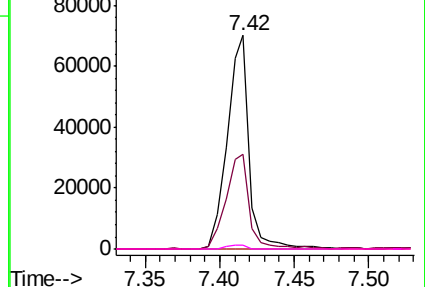


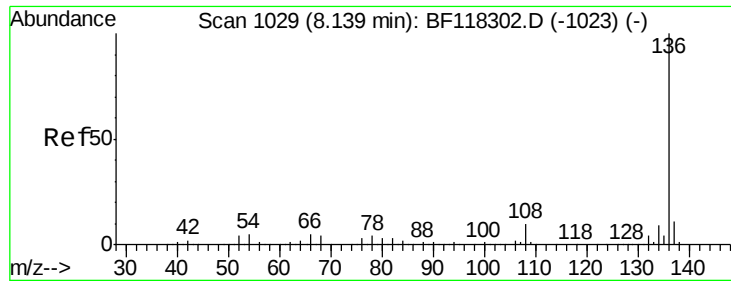
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

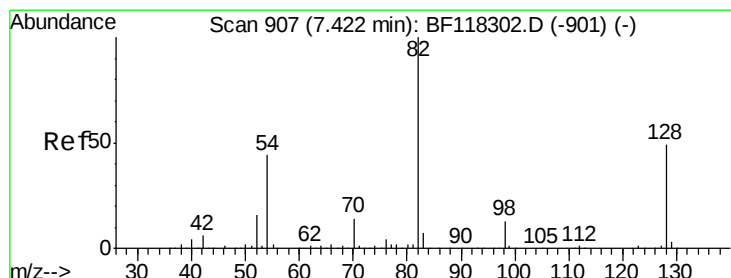
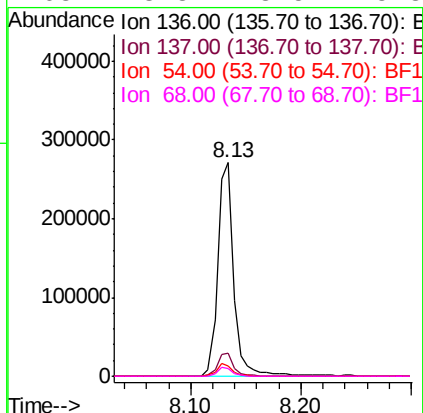
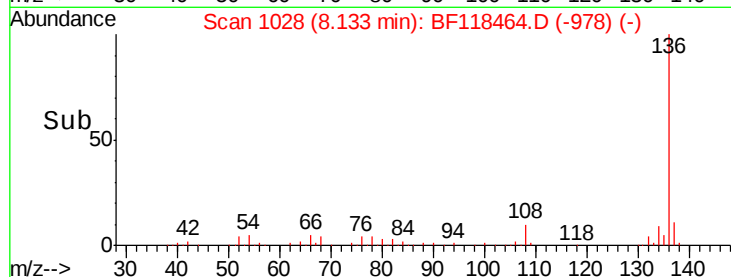
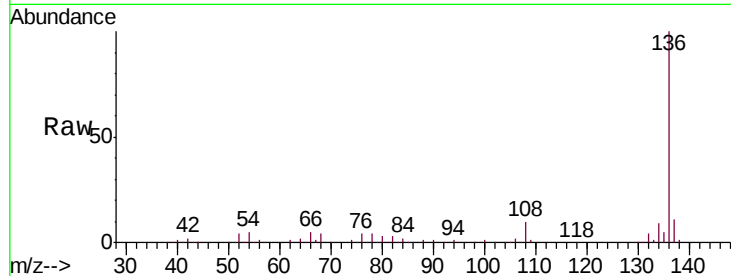




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118464.D
Acq: 3 Jan 2020 18:40

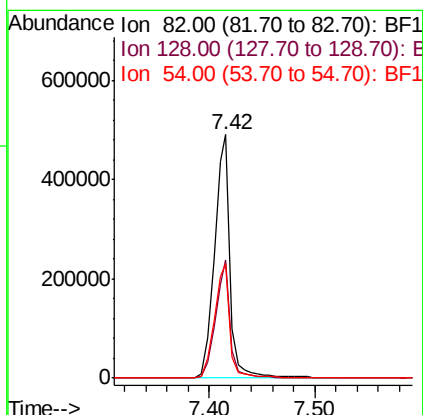
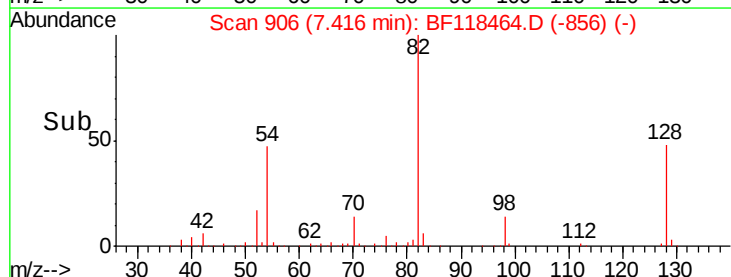
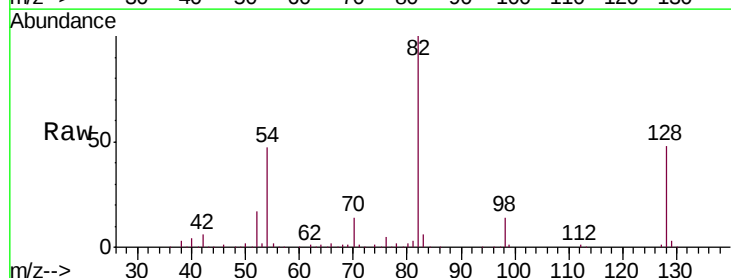
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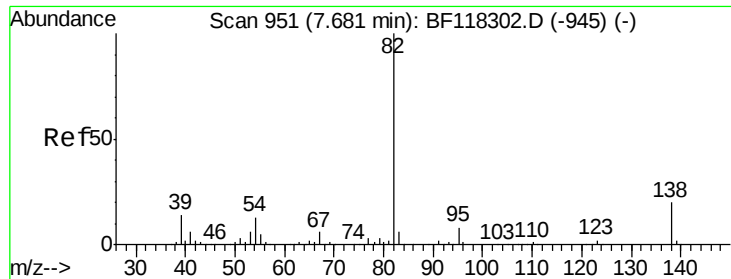
Tgt Ion:	136	Resp:	275481
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.0	4.2	6.4
68	3.8	3.5	5.3



#23
Nitrobenzene-d5
Concen: 106.920 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118464.D
Acq: 3 Jan 2020 18:40

Tgt Ion:	82	Resp:	514981
Ion	Ratio	Lower	Upper
82	100		
128	48.4	39.6	59.4
54	46.7	34.9	52.3





#25

Isophorone

Concen: 61.349 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF118464.D

Acq: 3 Jan 2020 18:40

Instrument :

BNA_F

ClientSampleId :

LW-04

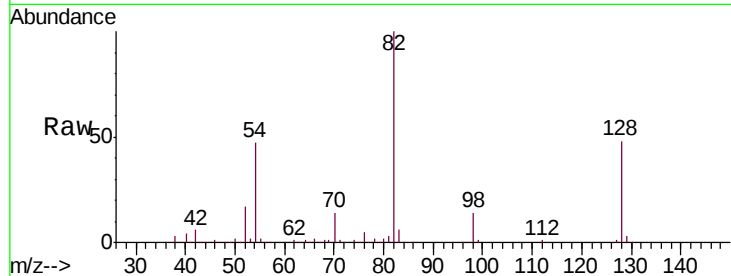
Tgt Ion: 82 Resp: 514976

Ion Ratio Lower Upper

82 100

95 0.0 6.3 9.5#

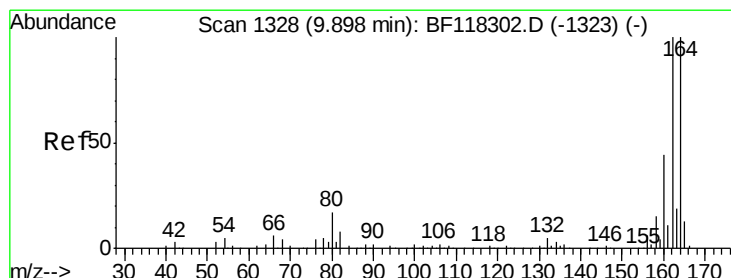
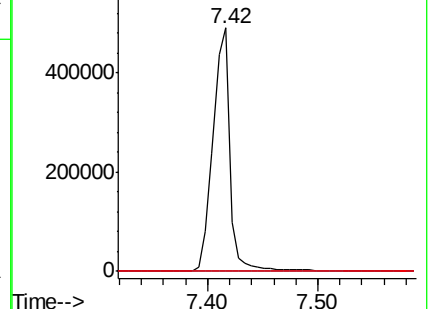
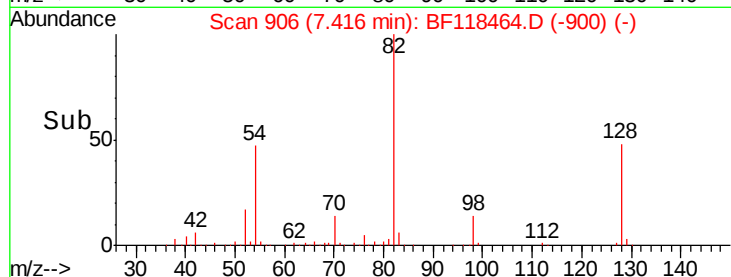
138 0.0 16.2 24.2#



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF118464.D

Acq: 3 Jan 2020 18:40

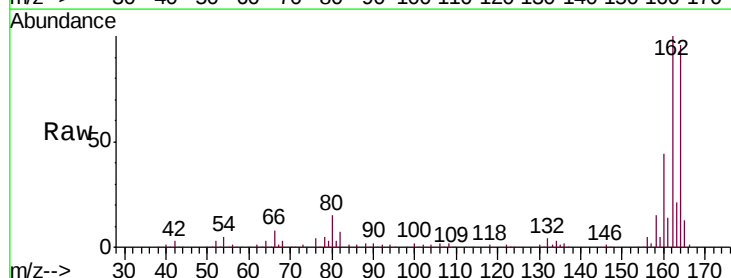
Tgt Ion: 164 Resp: 150076

Ion Ratio Lower Upper

164 100

162 104.6 80.0 120.0

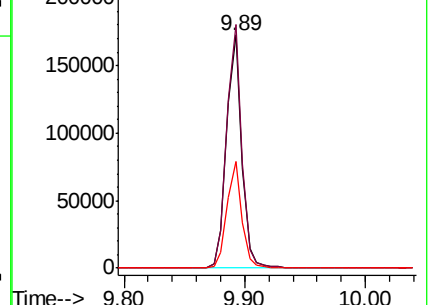
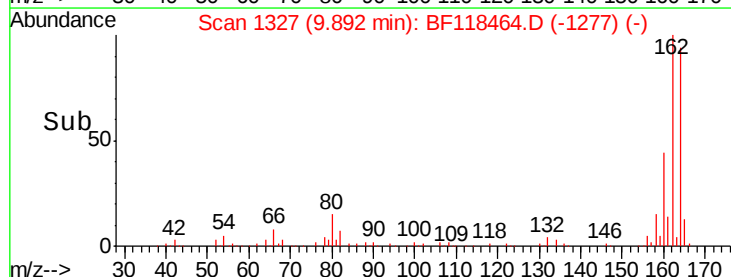
160 45.7 34.8 52.2

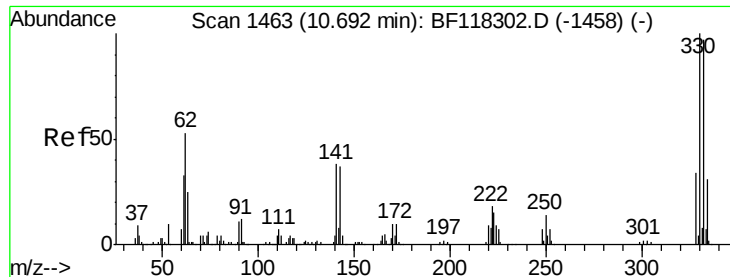


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

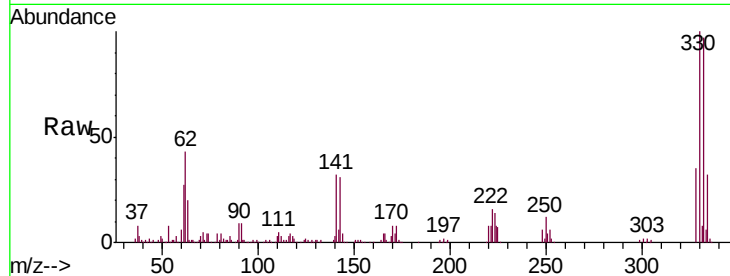




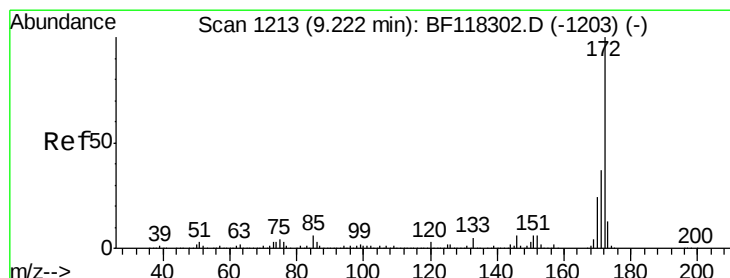
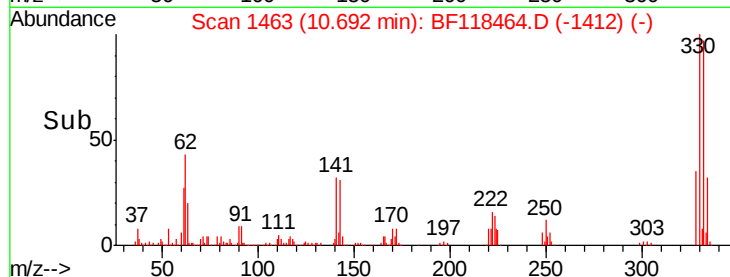
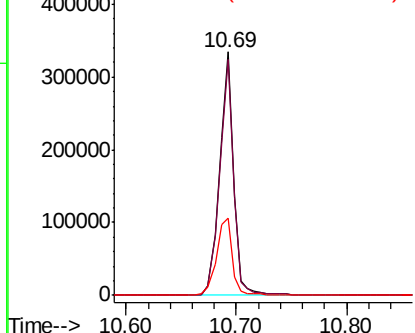
#42
 2,4,6-Tribromophenol
 Concen: 159.823 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF118464.D
 Acq: 3 Jan 2020 18:40

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Tgt Ion:330 Resp: 296205
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 35.1 26.0 39.0

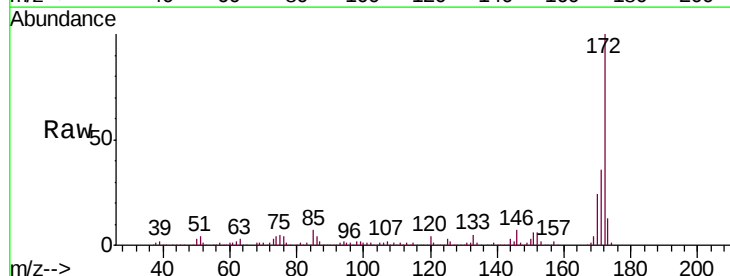


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

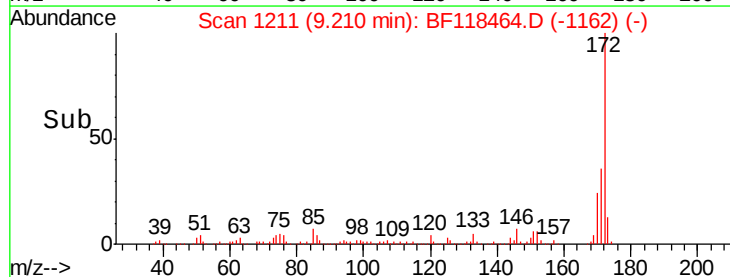
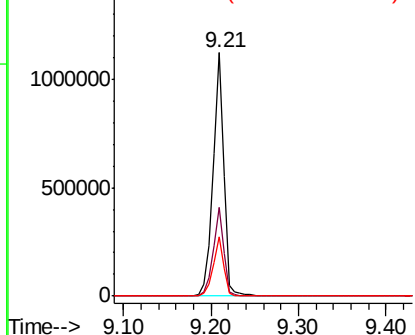


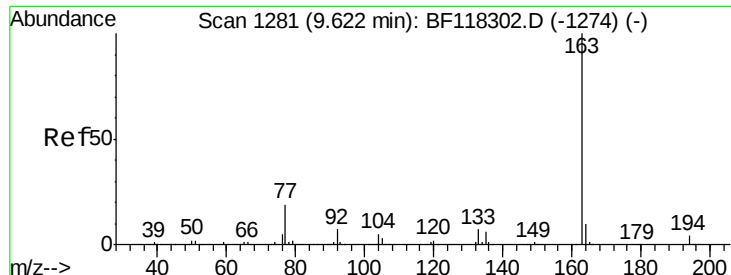
#45
 2-Fluorobiphenyl
 Concen: 98.814 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF118464.D
 Acq: 3 Jan 2020 18:40

Tgt Ion:172 Resp: 971492
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.3 43.9
 170 24.1 19.2 28.8



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

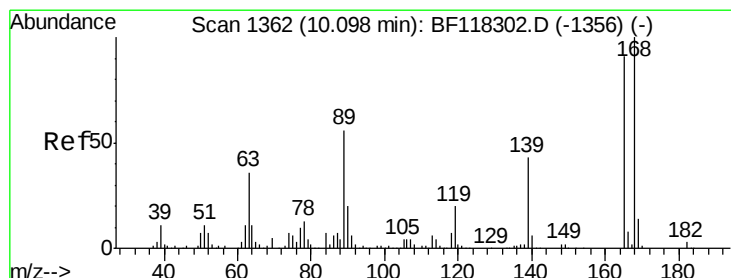
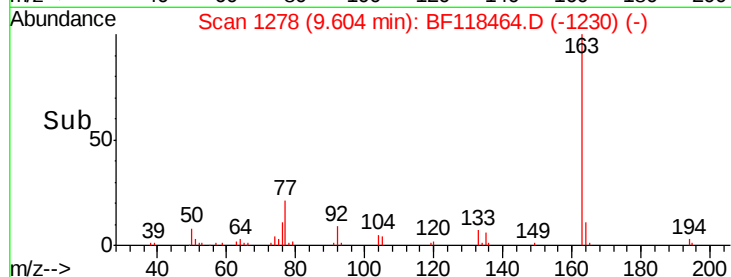
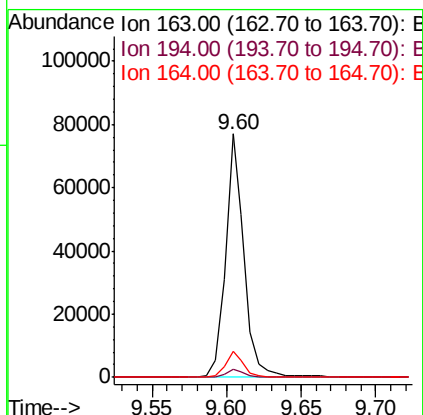
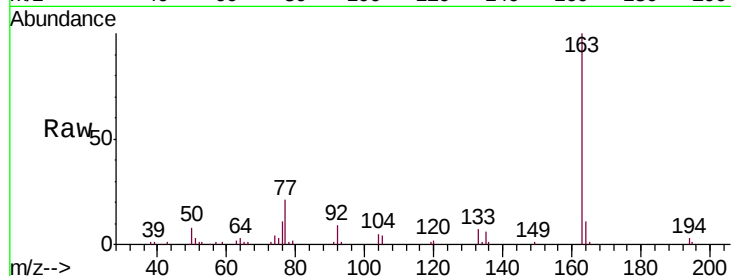




#50
Dimethylphthalate
Concen: 5.953 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF118464.D
Acq: 3 Jan 2020 18:40

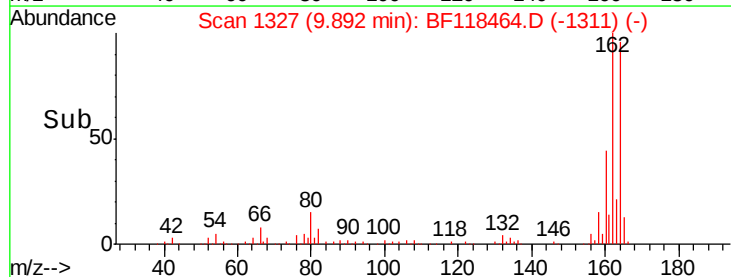
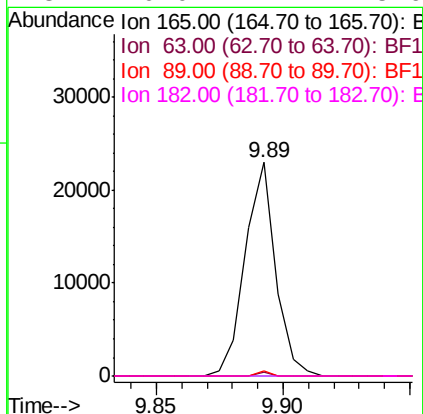
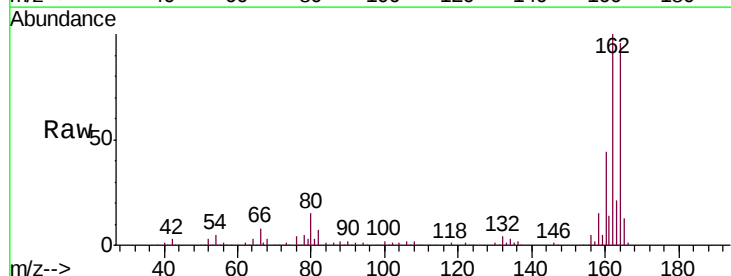
Instrument :
BNA_F
ClientSampled :
LW-04

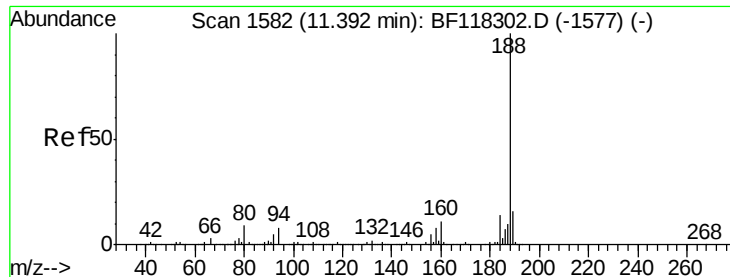
Tgt Ion:163 Resp: 67062
Ion Ratio Lower Upper
163 100
194 3.3 3.2 4.8
164 10.7 7.9 11.9



#57
2,4-Dinitrotoluene
Concen: 5.926 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.21 min
Lab File: BF118464.D
Acq: 3 Jan 2020 18:40

Tgt Ion:165 Resp: 19232
Ion Ratio Lower Upper
165 100
63 1.7 32.0 48.0#
89 2.6 49.3 73.9#
182 0.0 2.4 3.6#

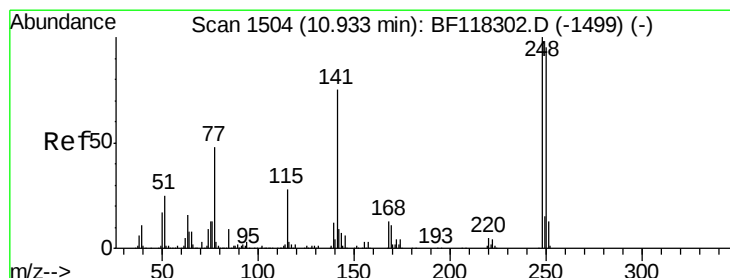
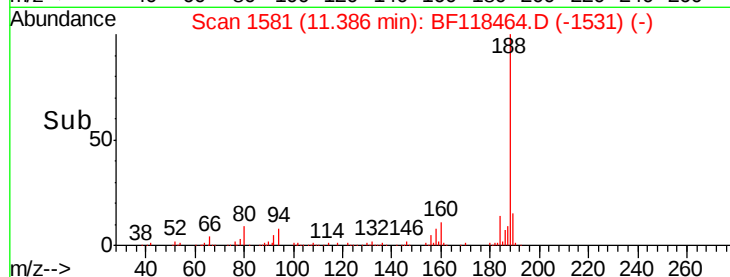
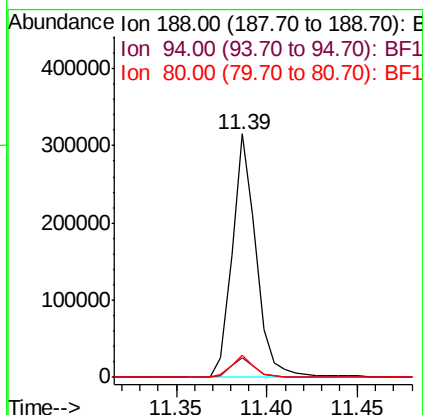
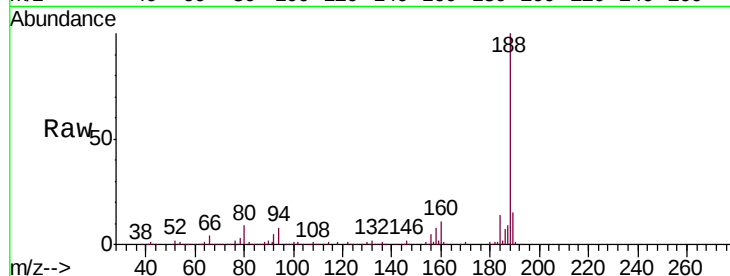




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118464.D
Acq: 3 Jan 2020 18:40

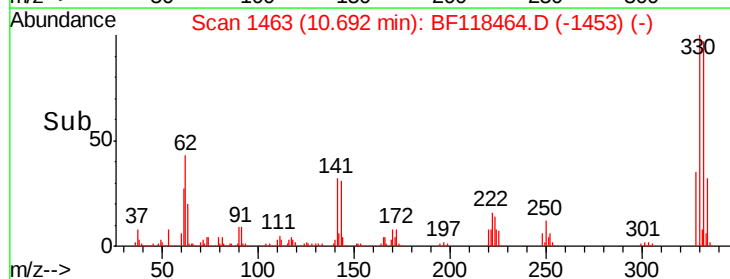
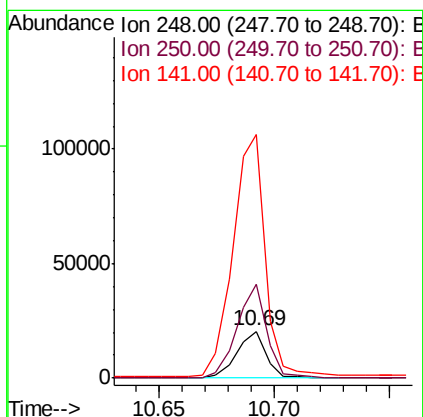
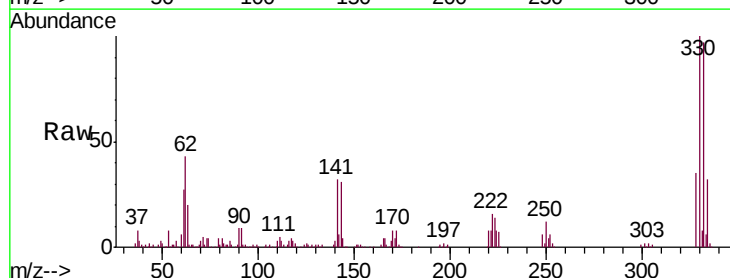
Instrument :
BNA_F
ClientSampleId :
LW-04

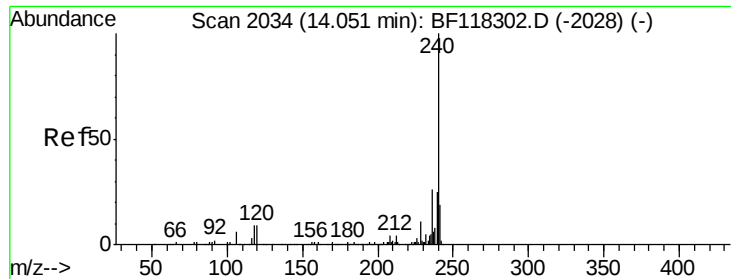
Tgt Ion:188 Resp: 288406
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.9 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 5.452 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF118464.D
Acq: 3 Jan 2020 18:40

Tgt Ion:248 Resp: 18400
Ion Ratio Lower Upper
248 100
250 200.1 76.4 114.6#
141 520.6 60.2 90.2#

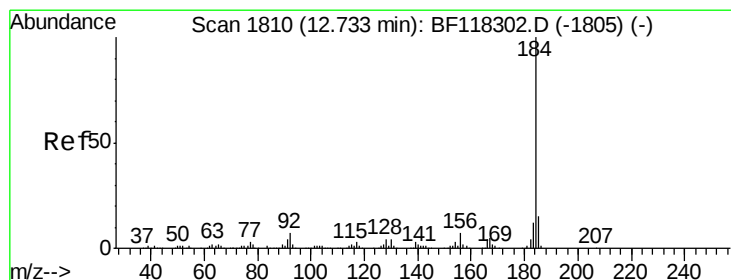
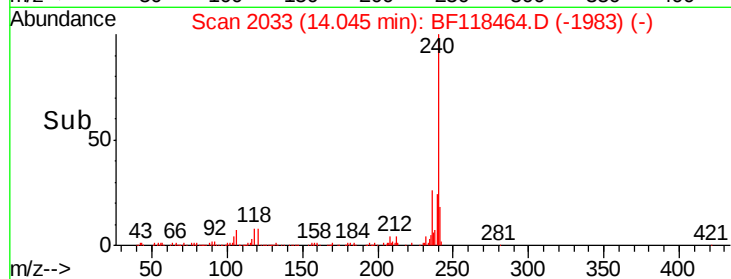
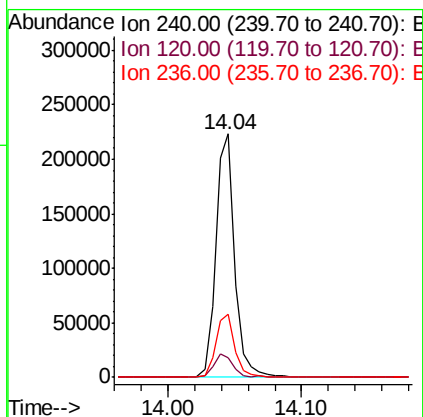
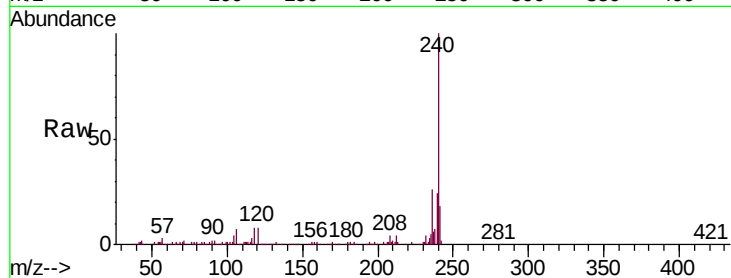




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118464.D
Acq: 3 Jan 2020 18:40

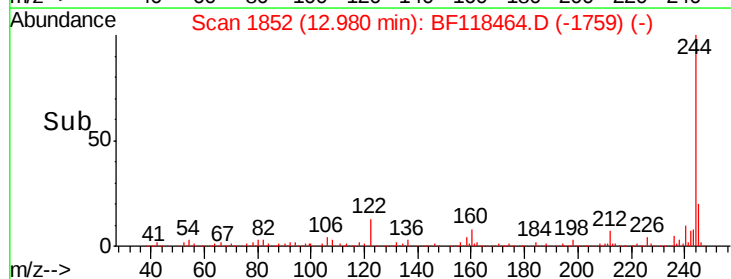
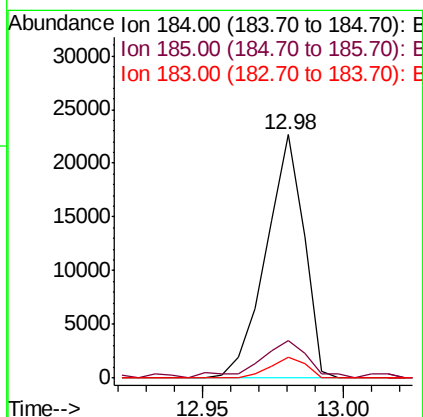
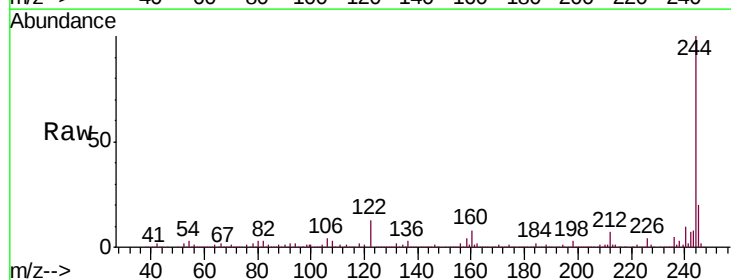
Instrument :
BNA_F
ClientSampleId :
LW-04

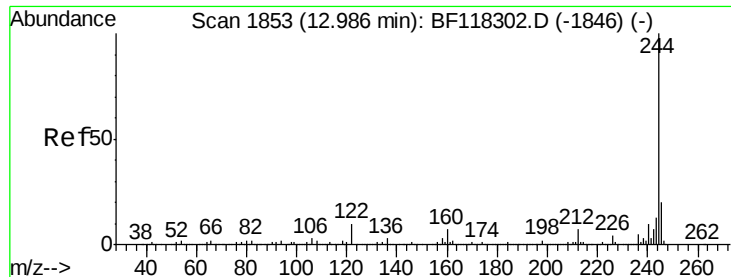
Tgt Ion:240 Resp: 220397
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 25.8 21.0 31.6



#77
Benzidine
Concen: 3.498 ng
RT: 12.98 min Scan# 1852
Delta R.T. 0.25 min
Lab File: BF118464.D
Acq: 3 Jan 2020 18:40

Tgt Ion:184 Resp: 21127
Ion Ratio Lower Upper
184 100
185 15.4 12.3 18.5
183 8.7 9.4 14.2#





#79

Terphenyl-d14

Concen: 108.904 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118464.D

Acq: 3 Jan 2020 18:40

Instrument :

BNA_F

ClientSampleId :

LW-04

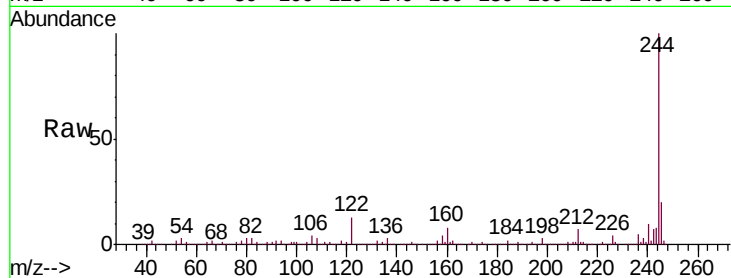
Tgt Ion:244 Resp: 1446762

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

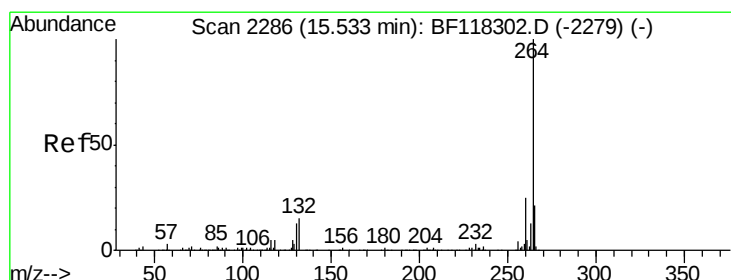
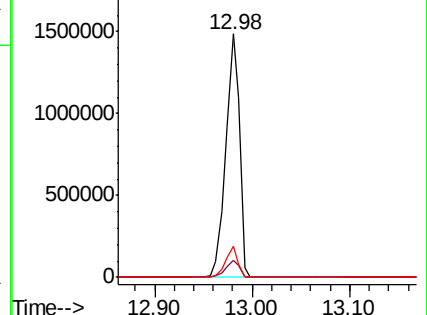
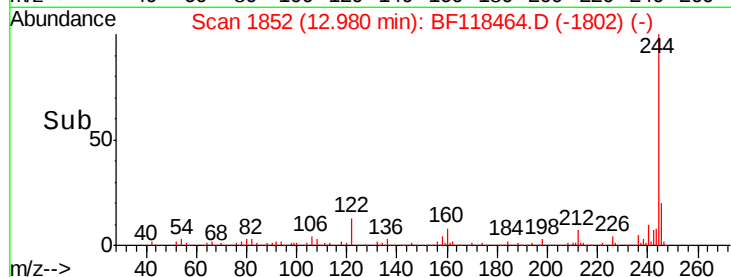
122 12.7 7.8 11.8#



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: 15.53 min Scan# 2286

Delta R.T. 0.00 min

Lab File: BF118464.D

Acq: 3 Jan 2020 18:40

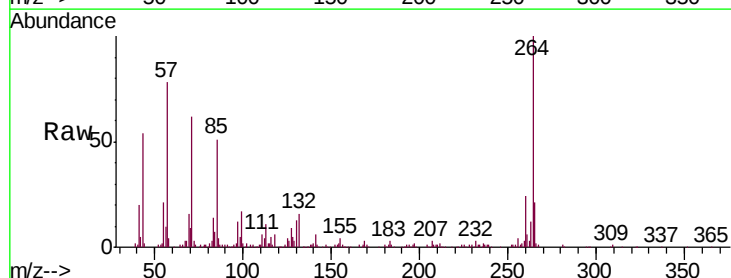
Tgt Ion:264 Resp: 213002

Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

265 21.2 17.0 25.4



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

