

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120784.D
 Acq On : 7 Jul 2020 13:42
 Operator : JU/CG
 Sample : L3215-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Jul 07 16:14:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

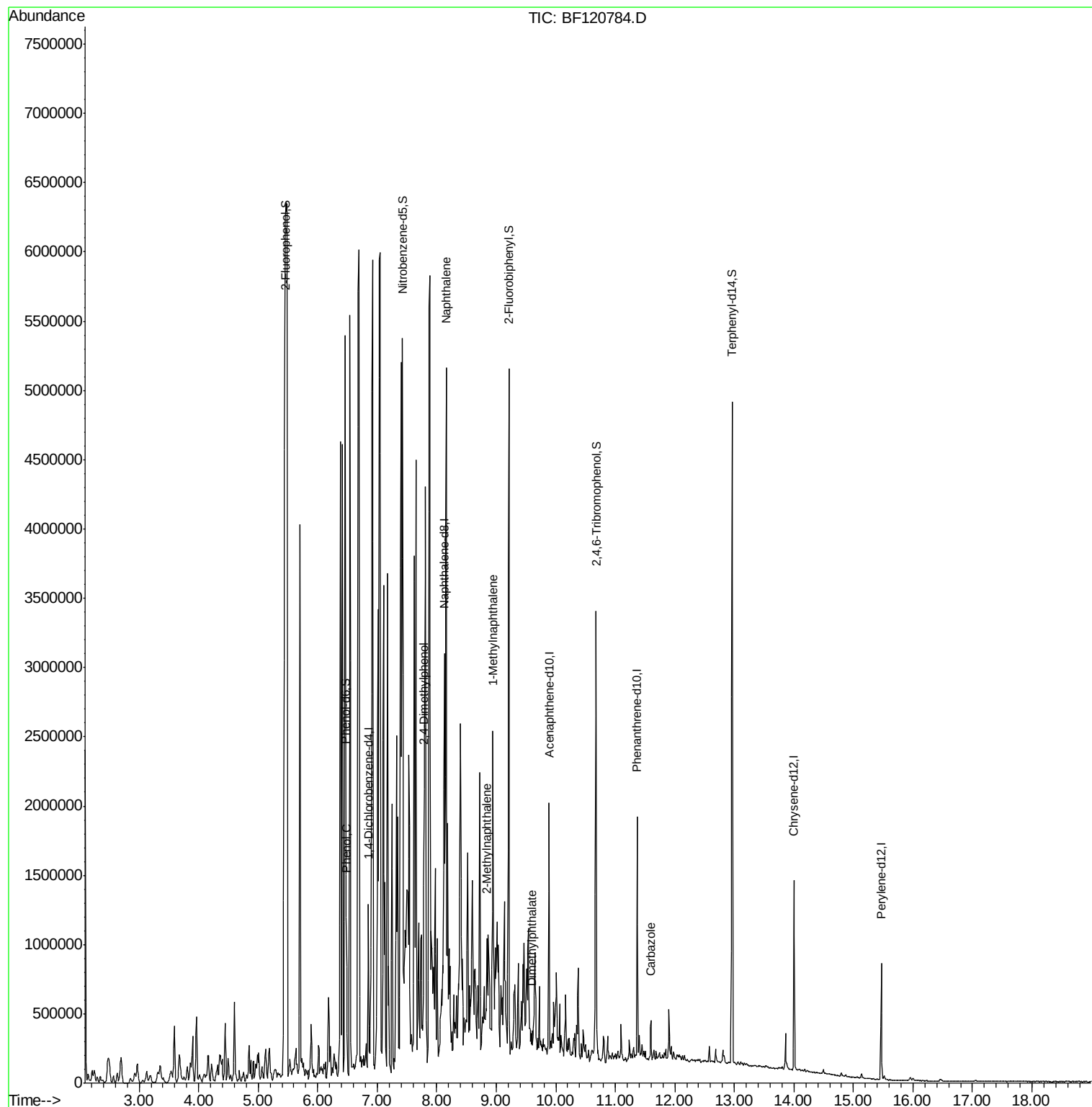
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	154186	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	590927	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	306147	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	547815	20.00	ng	0.00
76) Chrysene-d12	14.00	240	420757	20.00	ng	0.00
86) Perylene-d12	15.47	264	347018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	188303	18.85	ng	0.00
7) Phenol-d6	6.47	99	399297	31.30	ng	0.00
23) Nitrobenzene-d5	7.42	82	951724	93.31	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	477534	155.26	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1769891	87.47	ng	0.00
79) Terphenyl-d14	12.96	244	2157273	100.38	ng	0.00
Target Compounds						
10) Phenol	6.49	94	29206	2.226	ng	88
27) 2,4-Dimethylphenol	7.79	122	353479	40.257	ng	99
31) Naphthalene	8.16	128	2070143	65.551	ng	97
37) 2-Methylnaphthalene	8.85	142	93366	4.548	ng	# 80
38) 1-Methylnaphthalene	8.95	142	323041	16.799	ng	# 98
50) Dimethylphthalate	9.60	163	67080	3.004	ng	# 91
73) Carbazole	11.60	167	102299	3.544	ng	99

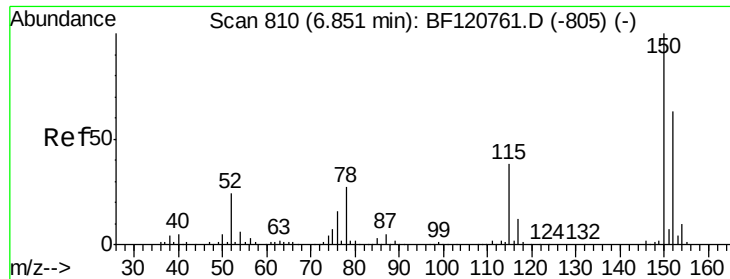
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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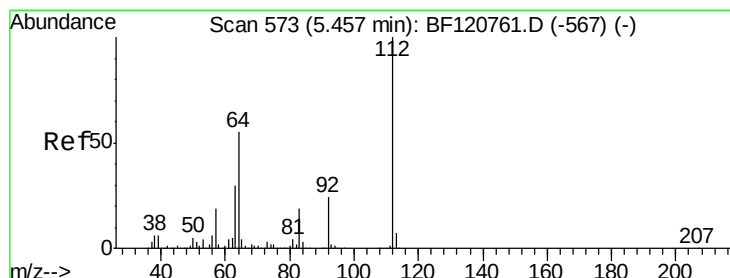
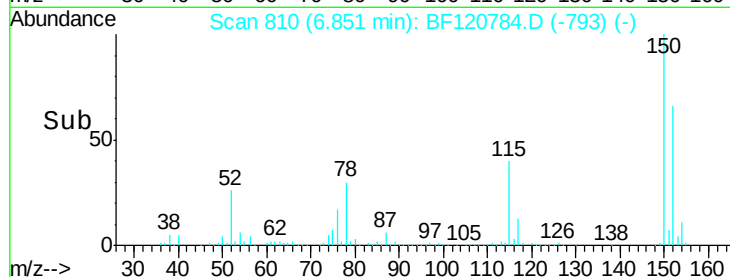
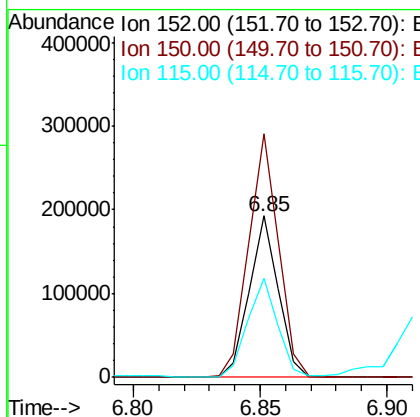
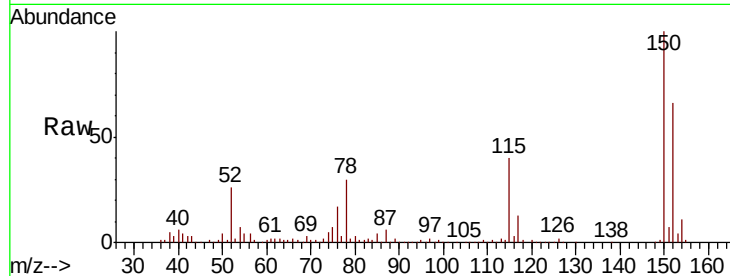


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Instrument :
BNA_F
ClientSampleId :
MW-2

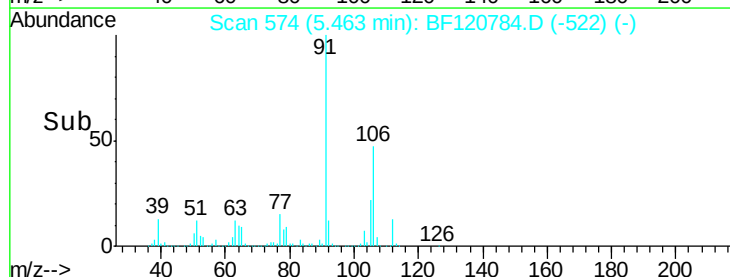
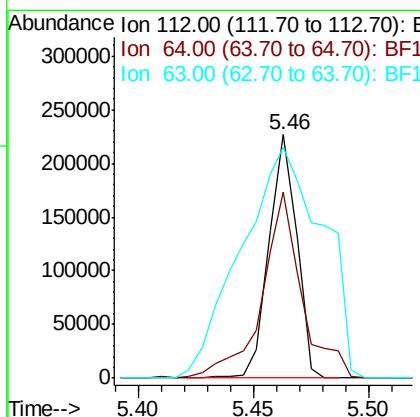
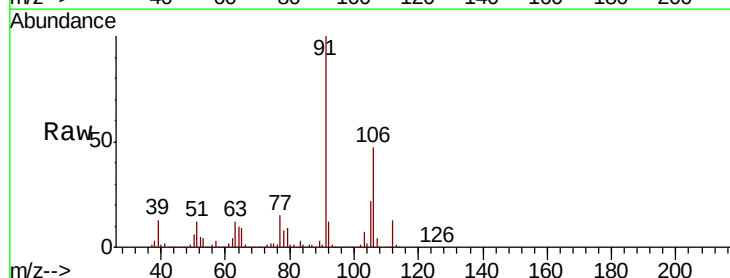
Tot Ion:152 Resp: 154186
Ion Ratio Lower Upper
152 100
150 151.0 126.1 189.1
115 61.1 48.5 72.7

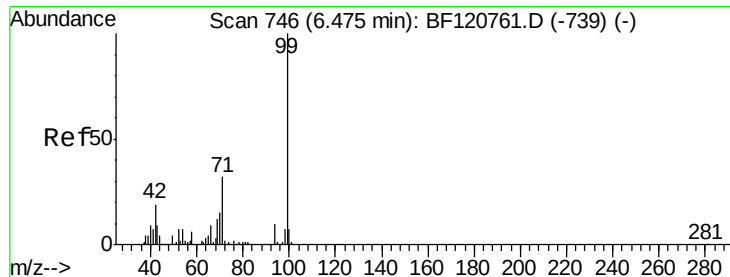


#5

2-Fluorophenol
Concen: 18.852 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Tgt Ion:112 Resp: 188303
Ion Ratio Lower Upper
112 100
64 76.6 43.8 65.6#
63 94.6 23.6 35.4#





#7

Phenol-d6

Concen: 31.304 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120784.D

Acq: 7 Jul 2020 13:42

Instrument :

BNA_F

ClientSampleId :

MW-2

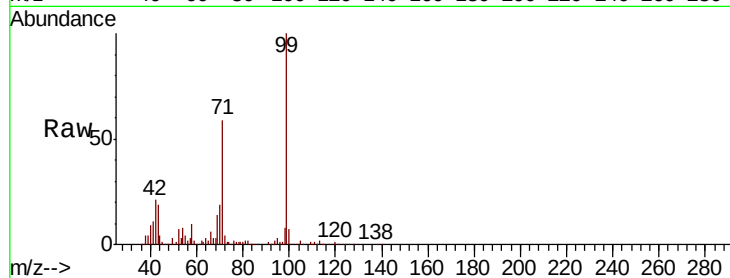
Tot Ion: 99 Resp: 399297

Ion Ratio Lower Upper

99 100

42 21.0 15.4 23.0

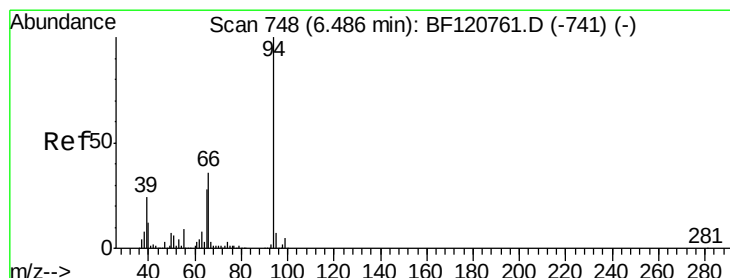
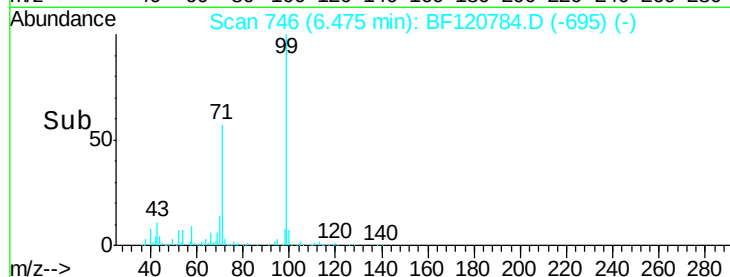
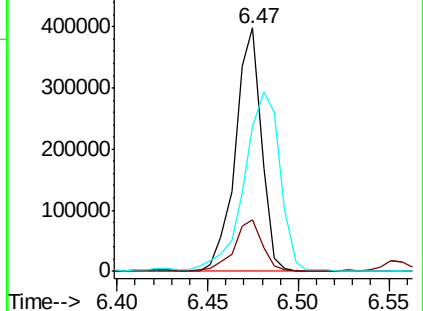
71 59.3 25.9 38.9#



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: 2.226 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF120784.D

Acq: 7 Jul 2020 13:42

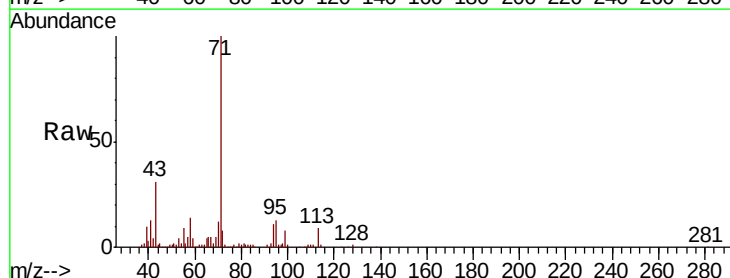
Tgt Ion: 94 Resp: 29206

Ion Ratio Lower Upper

94 100

65 38.7 8.4 48.4

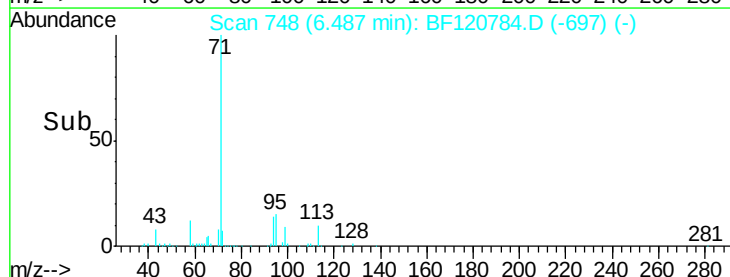
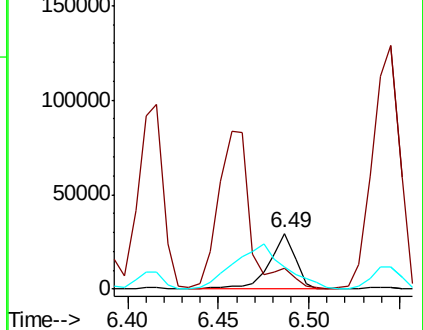
66 40.4 16.5 56.5

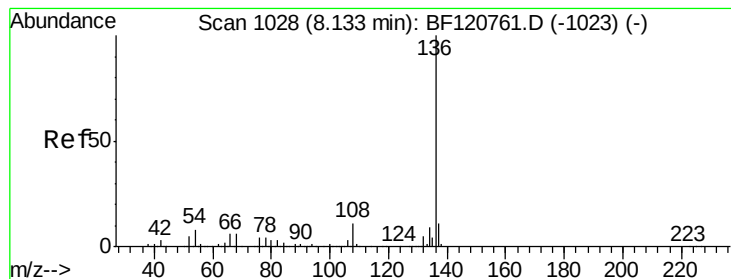


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF120784.D

Acq: 7 Jul 2020 13:42

Instrument :

BNA_F

ClientSampled :

MW-2

Tot Ion:136 Resp: 590927

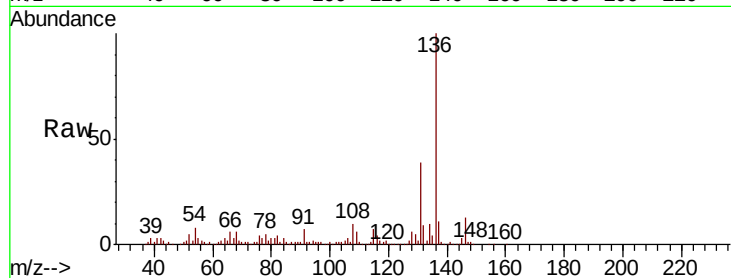
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 8.0 6.2 9.4

68 6.3 4.7 7.1

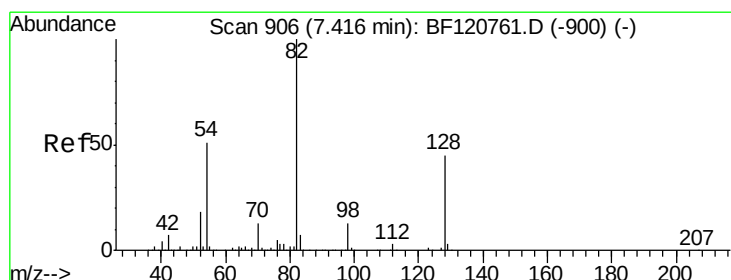
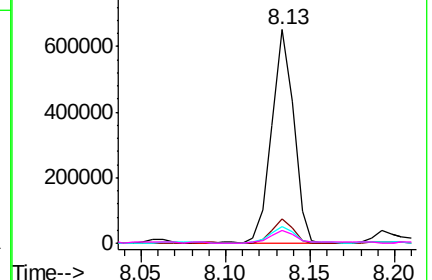
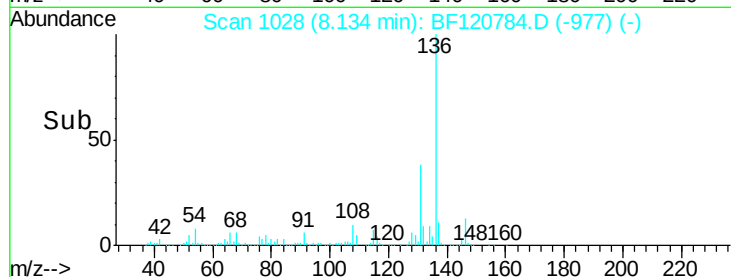


Abundance Ion 136.00 (135.70 to 136.70): E

1000000 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: 93.312 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.01 min

Lab File: BF120784.D

Acq: 7 Jul 2020 13:42

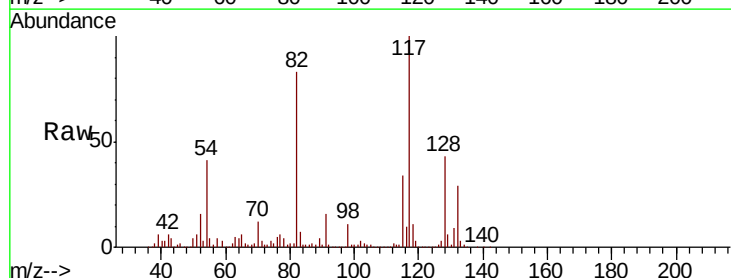
Tgt Ion: 82 Resp: 951724

Ion Ratio Lower Upper

82 100

128 51.4 35.7 53.5

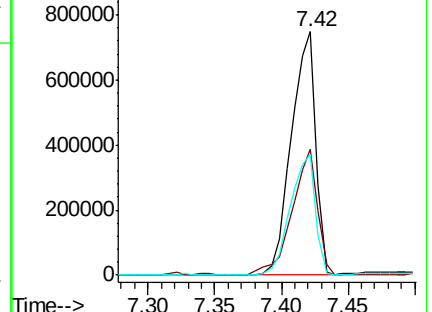
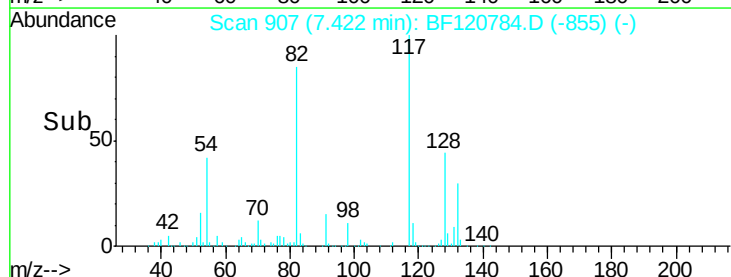
54 49.5 40.9 61.3

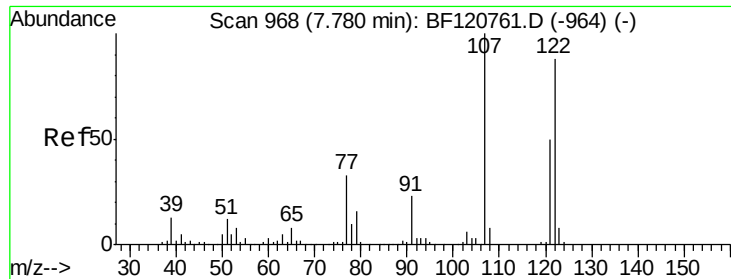


Abundance Ion 82.00 (81.70 to 82.70): BF1

1000000 Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

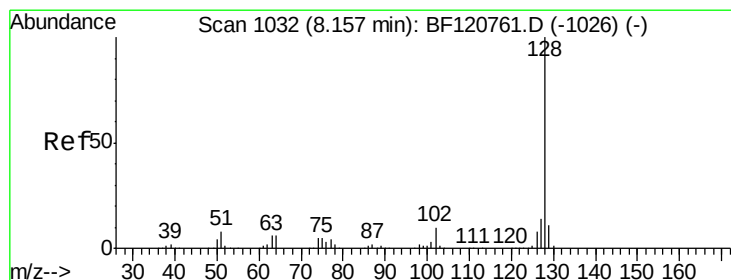
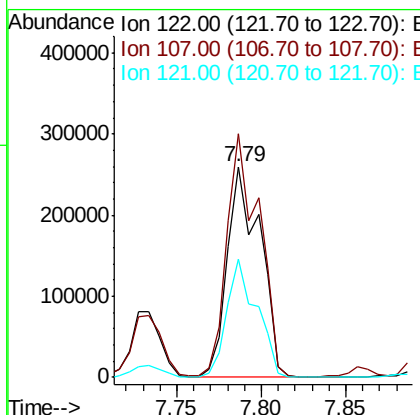
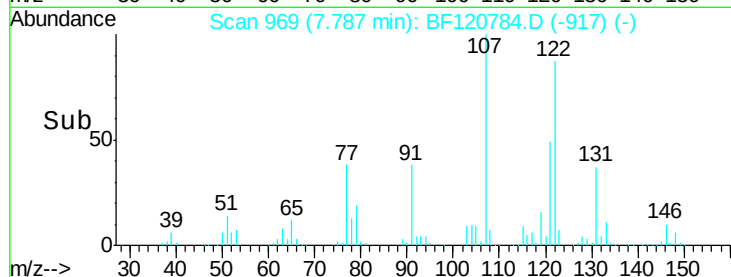
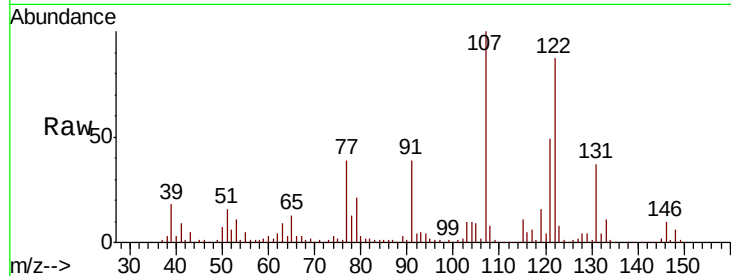




#27
2,4-Dimethylphenol
Concen: 40.257 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.01 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

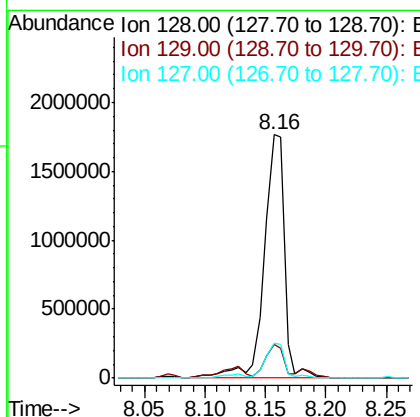
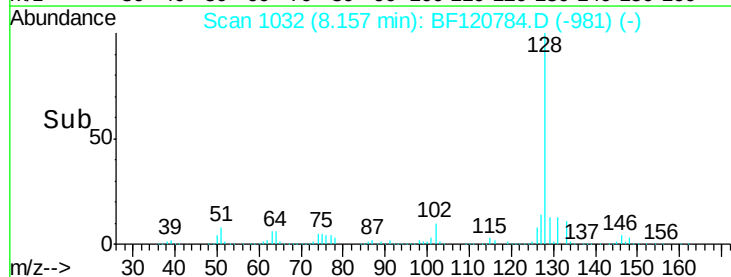
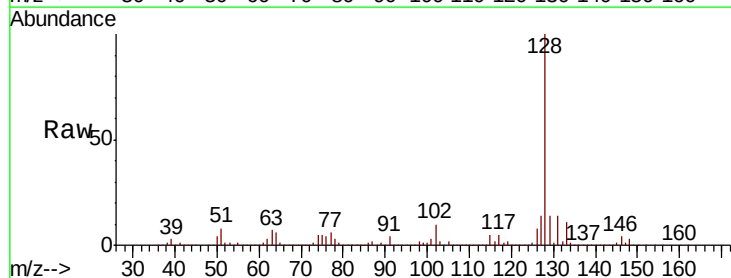
Instrument :
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ClientSampleId :
MW-2

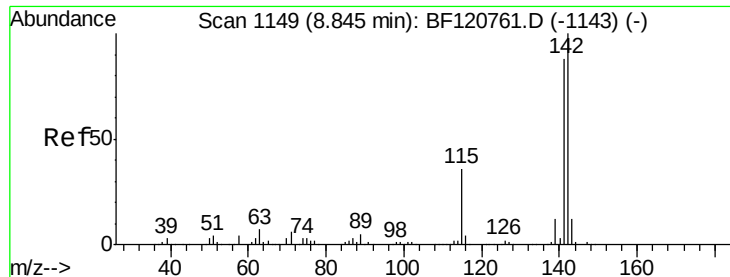
Tot Ion:122 Resp: 353479
Ion Ratio Lower Upper
122 100
107 115.6 90.7 136.1
121 56.4 45.4 68.0



#31
Naphthalene
Concen: 65.551 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Tgt Ion:128 Resp: 2070143
Ion Ratio Lower Upper
128 100
129 13.6 9.2 13.8
127 14.4 11.1 16.7

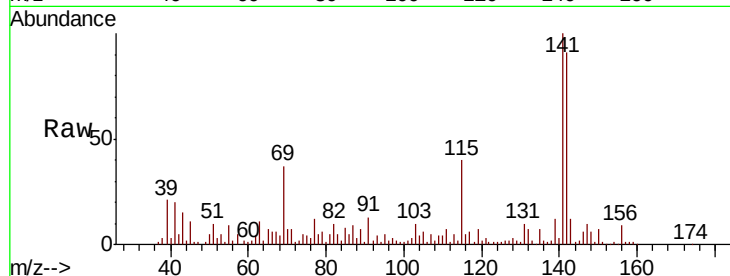




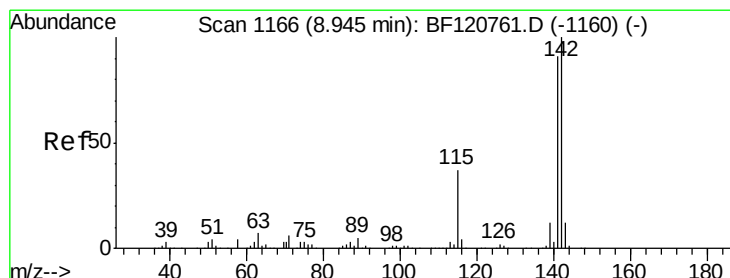
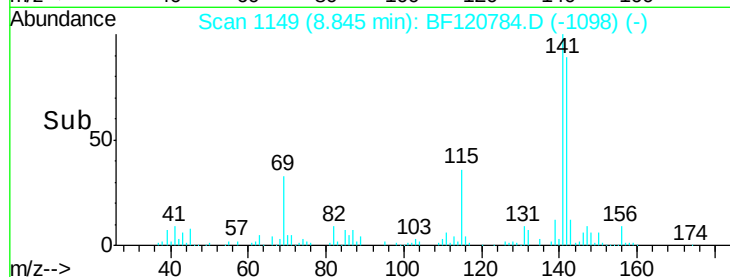
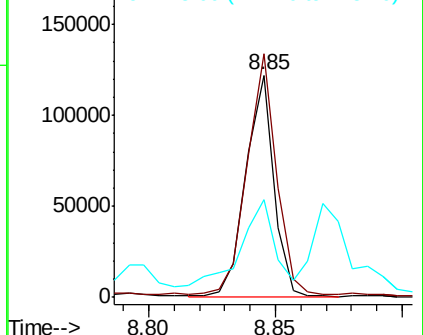
#37
2-Methylnaphthalene
Concen: 4.548 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Instrument :
BNA_F
ClientSampleId :
MW-2

Tot Ion:142 Resp: 93366
Ion Ratio Lower Upper
142 100
141 109.4 70.2 105.4#
115 44.0 29.0 43.4#

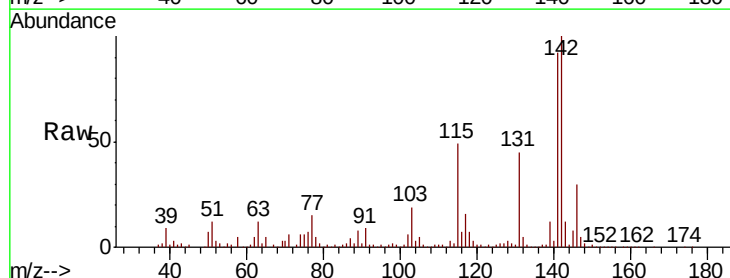


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

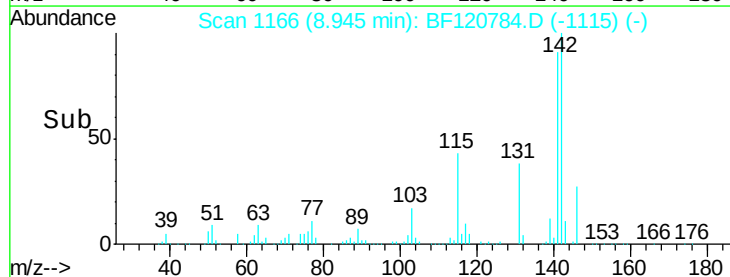
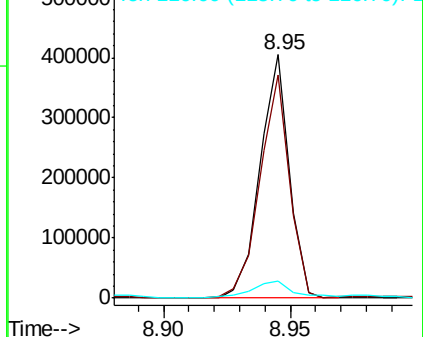


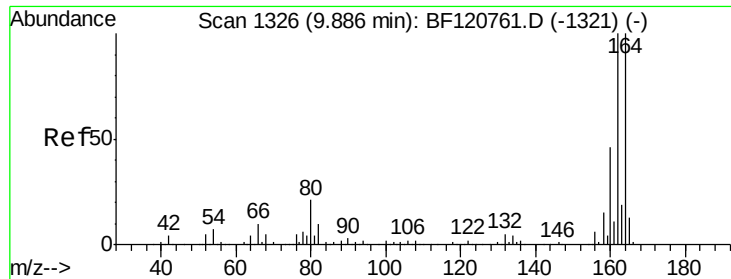
#38
1-Methylnaphthalene
Concen: 16.799 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Tgt Ion:142 Resp: 323041
Ion Ratio Lower Upper
142 100
141 91.8 72.5 108.7
116 7.0 3.1 4.7#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

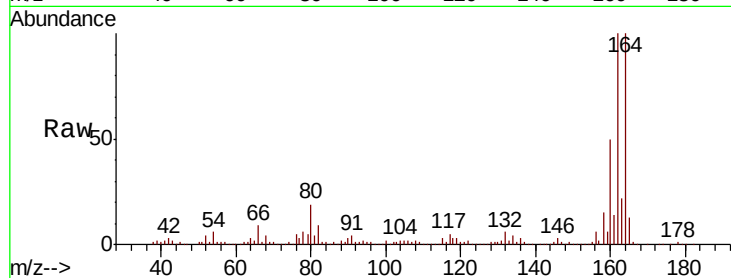




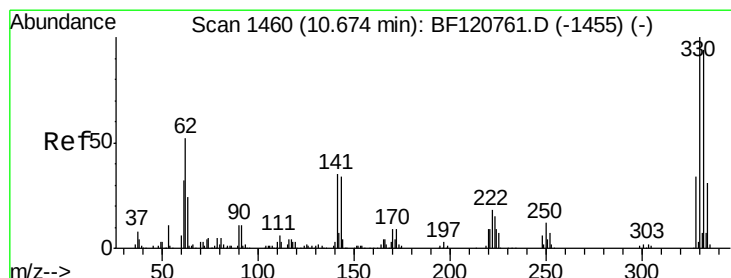
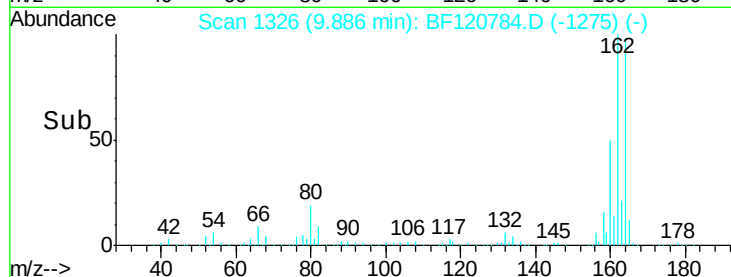
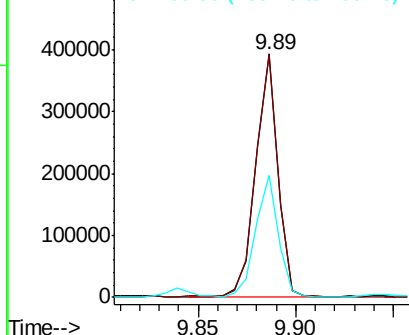
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF120784.D
 Acq: 7 Jul 2020 13:42

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tot Ion:164 Resp: 306147
 Ion Ratio Lower Upper
 164 100
 162 99.7 80.2 120.2
 160 49.9 36.9 55.3

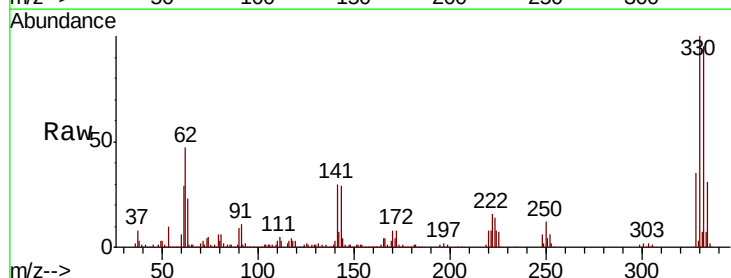


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

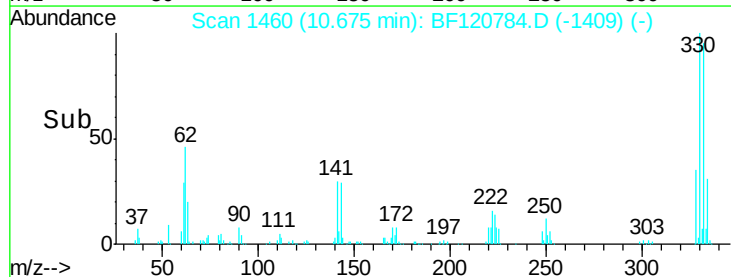
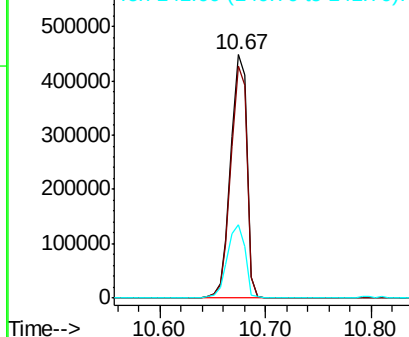


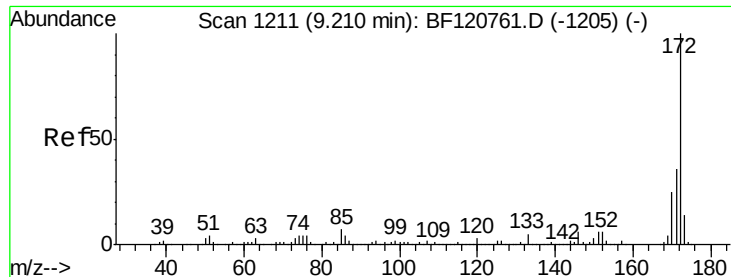
#42
 2,4,6-Tribromophenol
 Concen: 155.261 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF120784.D
 Acq: 7 Jul 2020 13:42

Tgt Ion:330 Resp: 477534
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.8 113.6
 141 33.1 29.7 44.5



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

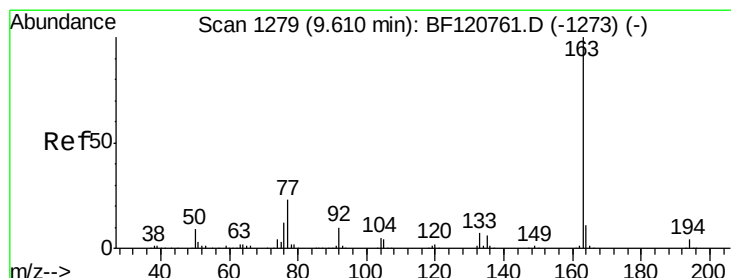
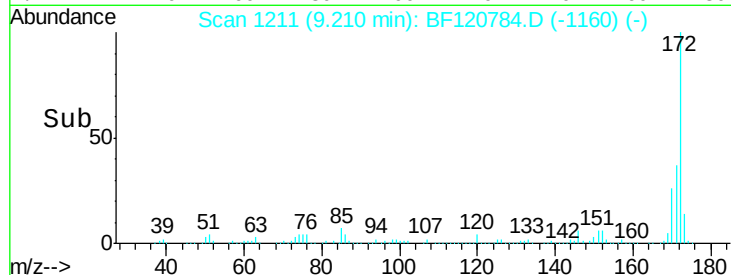
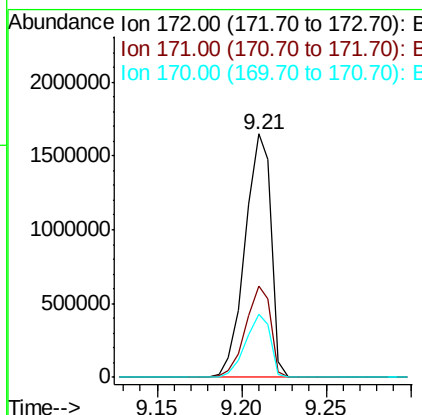
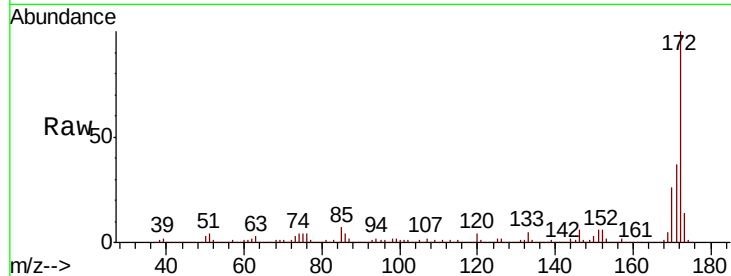




#45
2-Fluorobiphenyl
Concen: 87.466 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

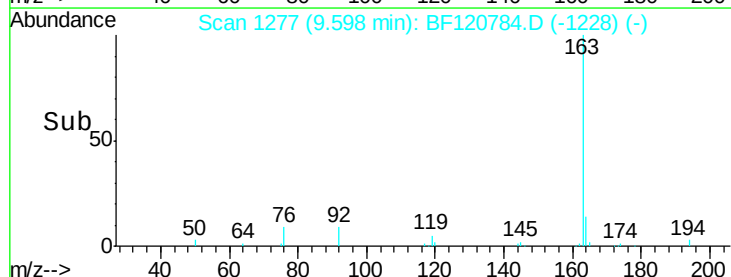
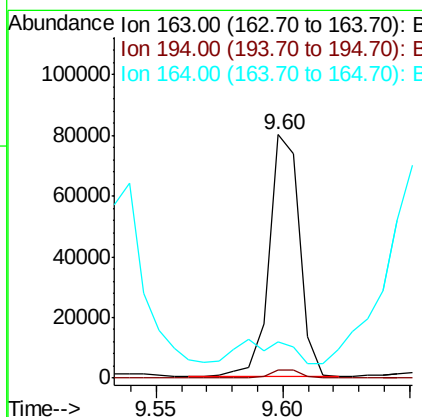
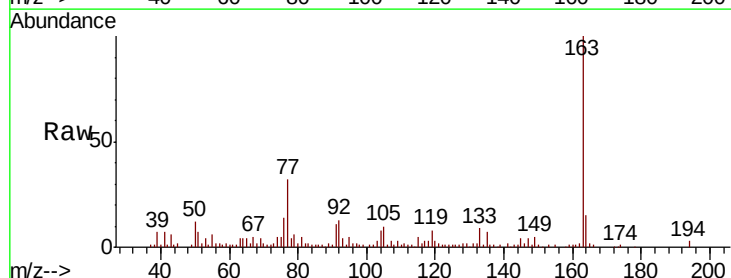
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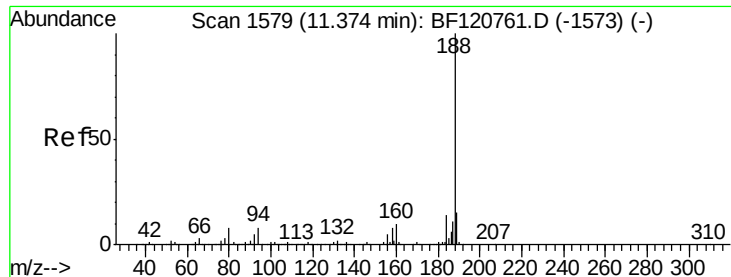
Tot Ion:172 Resp: 1769891
Ion Ratio Lower Upper
172 100
171 37.3 29.1 43.7
170 25.7 19.8 29.6



#50
Dimethylphthalate
Concen: 3.004 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Tgt Ion:163 Resp: 67080
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 15.0 8.5 12.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF120784.D

Acq: 7 Jul 2020 13:42

Instrument :

BNA_F

ClientSampleId :

MW-2

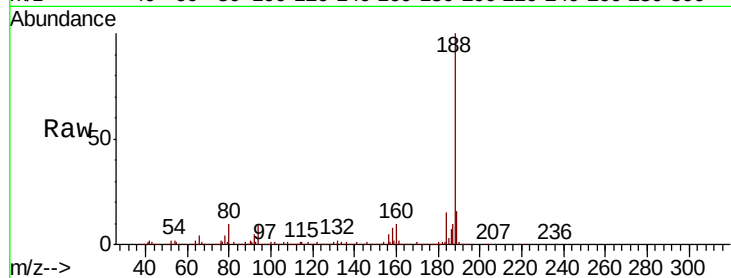
Tot Ion:188 Resp: 547815

Ion Ratio Lower Upper

188 100

94 9.3 6.6 9.8

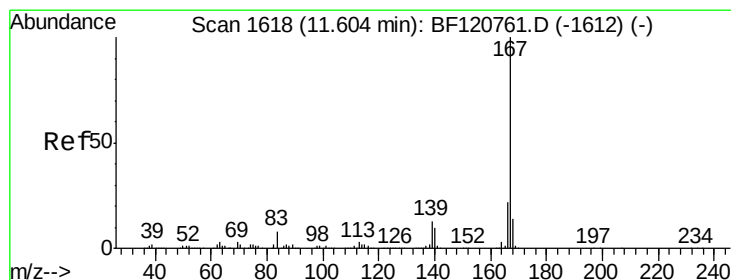
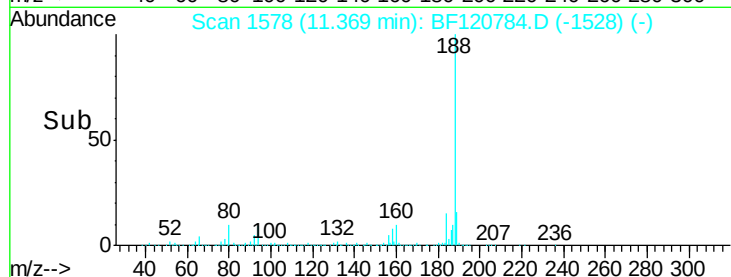
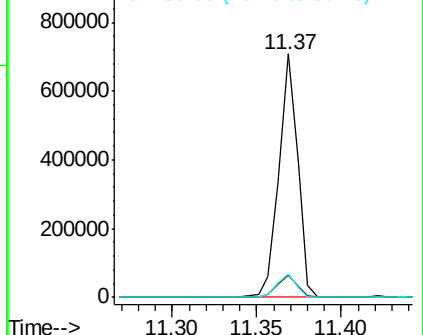
80 9.8 6.6 10.0



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



#73

Carbazole

Concen: 3.544 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF120784.D

Acq: 7 Jul 2020 13:42

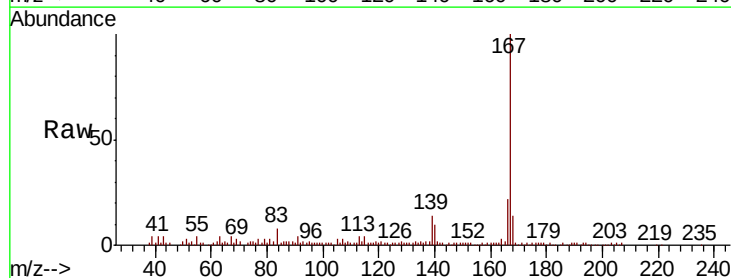
Tgt Ion:167 Resp: 102299

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.8

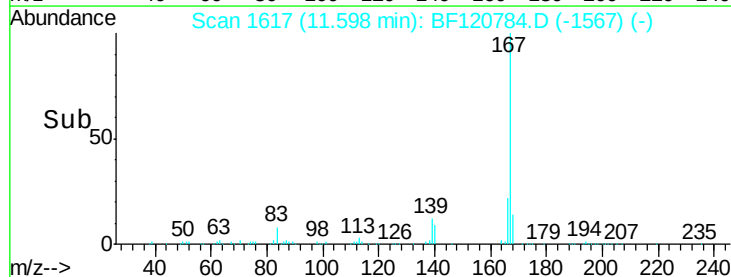
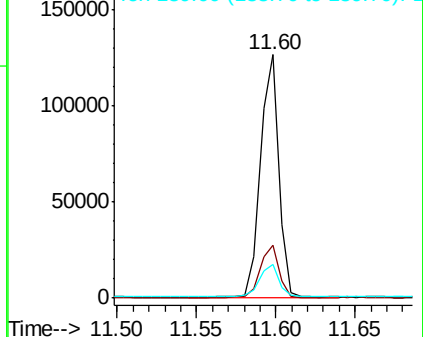
139 13.6 10.7 16.1

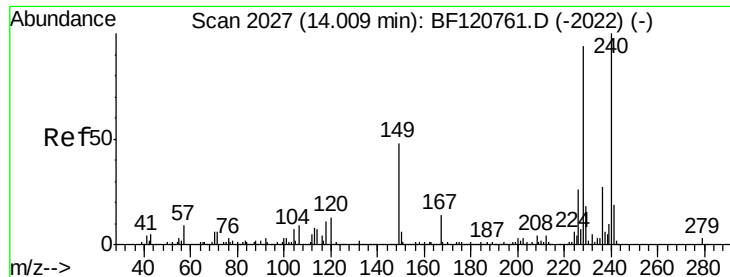


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF120784.D

Acq: 7 Jul 2020 13:42

Instrument :

BNA_F

ClientSampleId :

MW-2

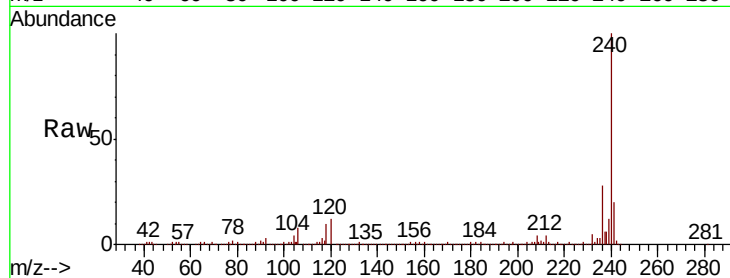
Tot Ion:240 Resp: 420757

Ion Ratio Lower Upper

240 100

120 12.0 10.3 15.5

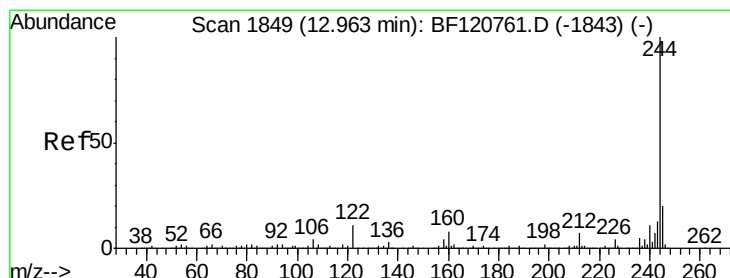
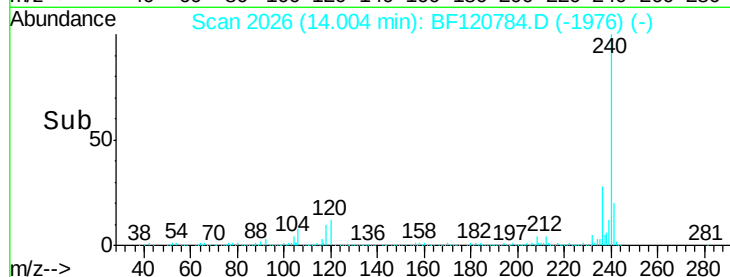
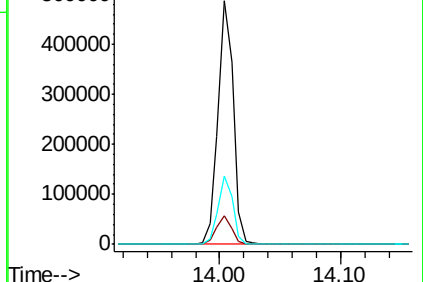
236 28.0 21.4 32.2



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: 100.383 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120784.D

Acq: 7 Jul 2020 13:42

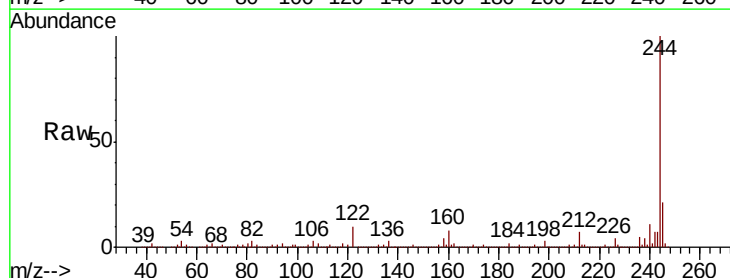
Tgt Ion:244 Resp: 2157273

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

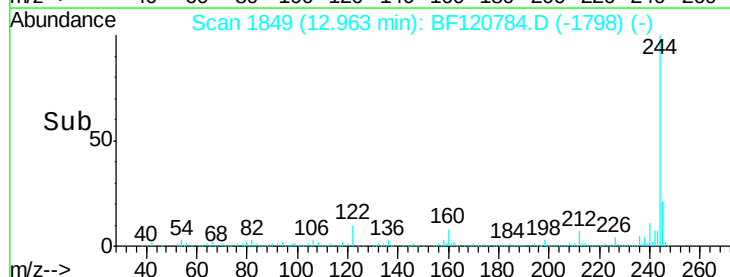
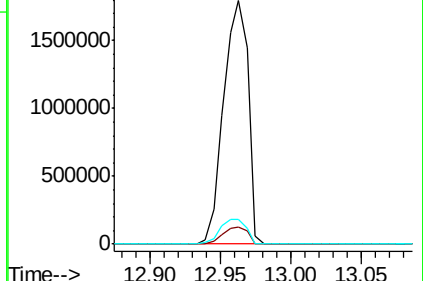
122 10.2 9.0 13.4

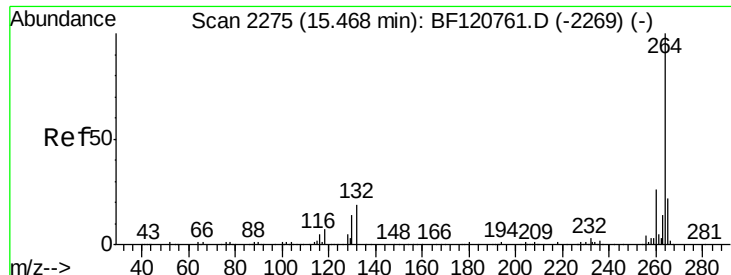


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

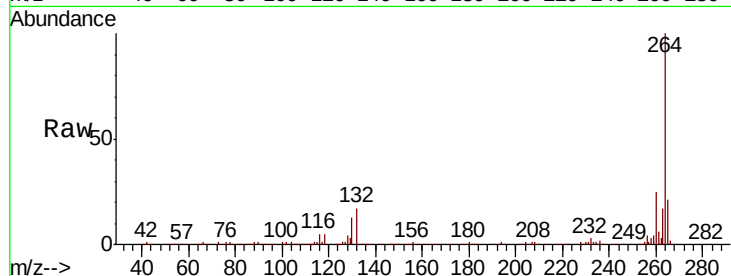




#86
Pervlone-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF120784.D
Acq: 7 Jul 2020 13:42

Instrument :
BNA_F
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.6	30.8
265	20.9	17.6	26.4



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

