

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120789.D
 Acq On : 7 Jul 2020 16:05
 Operator : JU/CG
 Sample : L3215-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Quant Time: Jul 07 16:51:44 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

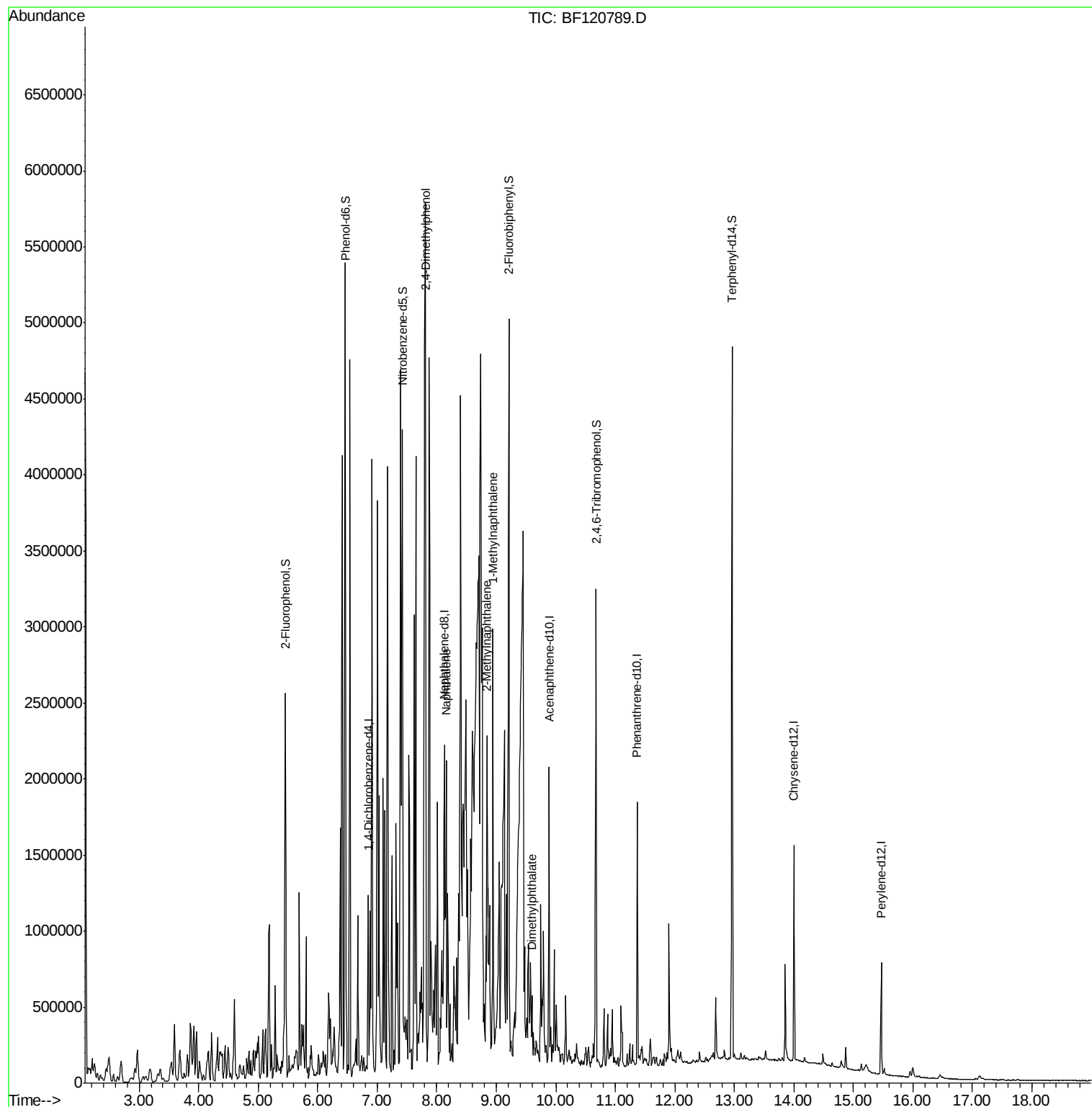
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	164051	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	628733	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	324895	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	581401	20.00	ng	0.00
76) Chrysene-d12	14.00	240	419918	20.00	ng	0.00
86) Perylene-d12	15.47	264	328073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	635299	59.78	ng	0.00
7) Phenol-d6	6.47	99	475362	35.03	ng	0.00
23) Nitrobenzene-d5	7.42	82	1001406	92.28	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	457753	140.24	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1654613	77.05	ng	0.00
79) Terphenyl-d14	12.96	244	1994943	93.02	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.82	122	1390221	148.810	ng	Qvalue # 90
31) Naphthalene	8.16	128	393841	11.721	ng	# 93
37) 2-Methylnaphthalene	8.85	142	504225	23.084	ng	99
38) 1-Methylnaphthalene	8.95	142	451682m	22.076	ng	
50) Dimethylphthalate	9.60	163	132682	5.598	ng	98

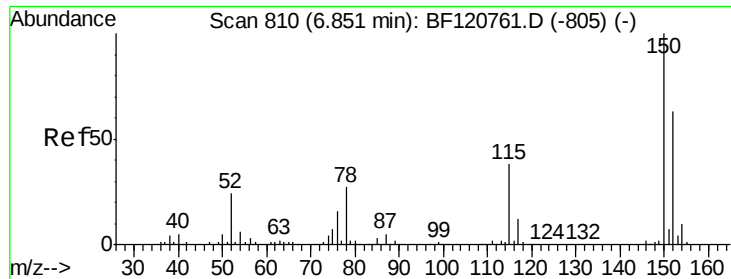
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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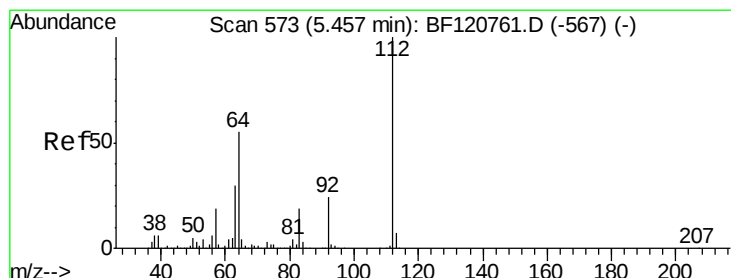
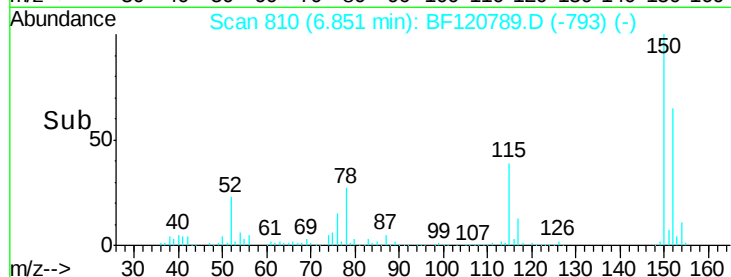
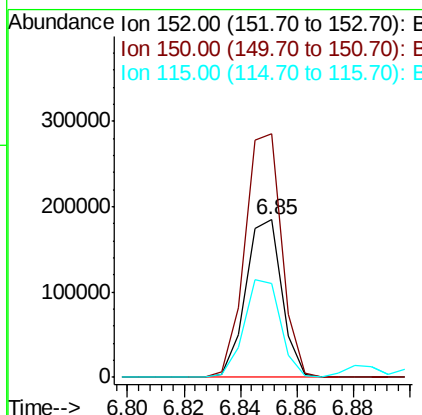
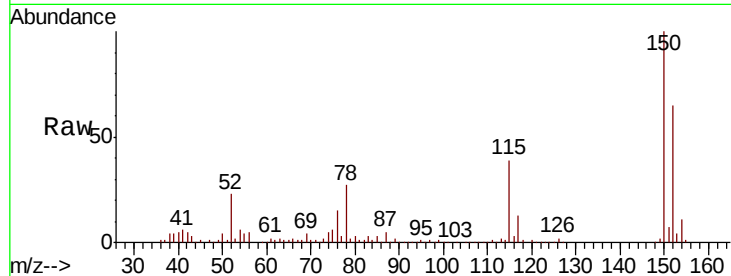




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF120789.D
 Acq: 7 Jul 2020 16:05

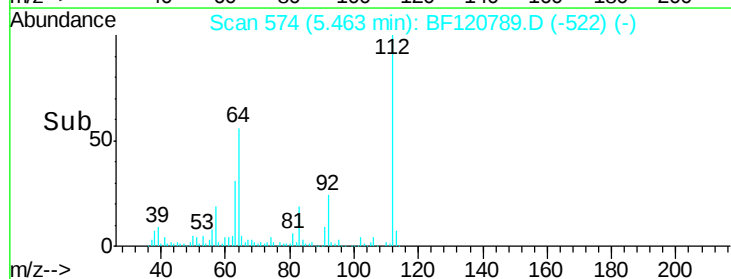
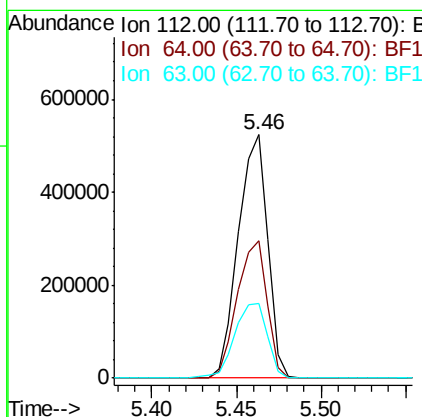
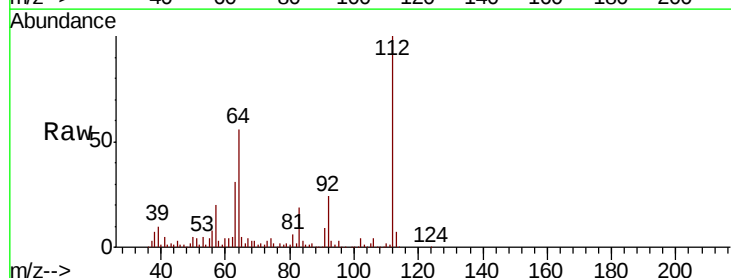
Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Tot Ion:152 Resp: 164051
 Ion Ratio Lower Upper
 152 100
 150 154.6 126.1 189.1
 115 59.7 48.5 72.7



#5
 2-Fluorophenol
 Concen: 59.779 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF120789.D
 Acq: 7 Jul 2020 16:05

Tgt Ion:112 Resp: 635299
 Ion Ratio Lower Upper
 112 100
 64 56.4 43.8 65.6
 63 30.8 23.6 35.4





#7

Phenol-d6

Concen: 35.026 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF120789.D

Acq: 7 Jul 2020 16:05

Instrument :

BNA_F

ClientSampleId :

MW-6

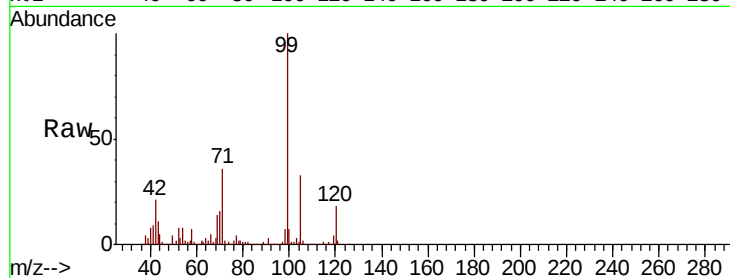
Tot Ion: 99 Resp: 475362

Ion Ratio Lower Upper

99 100

42 20.8 15.4 23.0

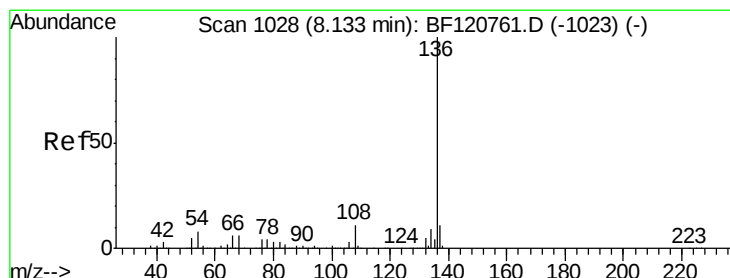
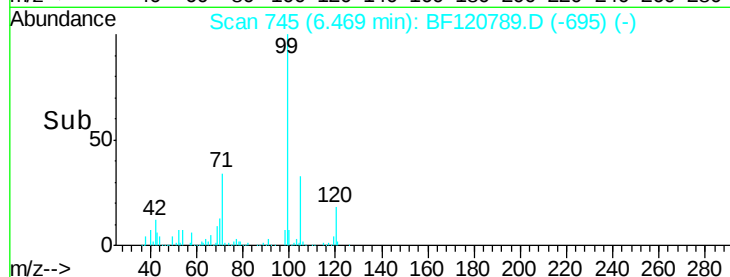
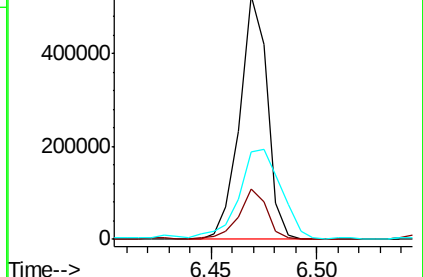
71 35.8 25.9 38.9



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF120789.D

Acq: 7 Jul 2020 16:05

Tgt Ion: 136 Resp: 628733

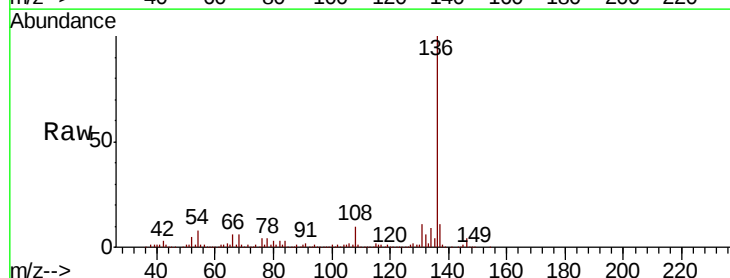
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 8.2 6.2 9.4

68 5.8 4.7 7.1

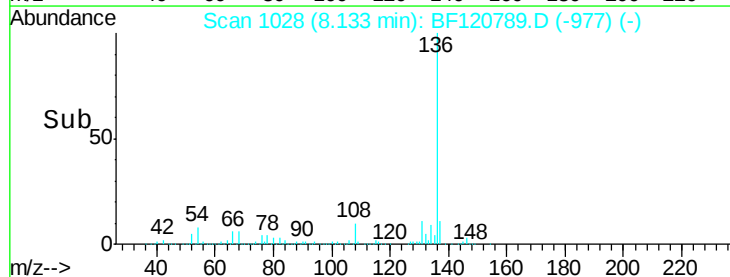
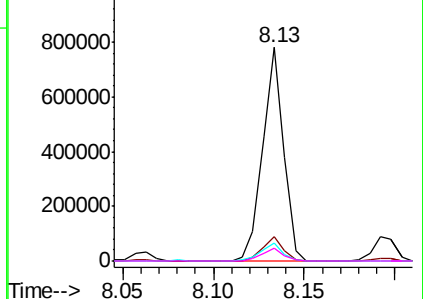


Abundance Ion 136.00 (135.70 to 136.70): E

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

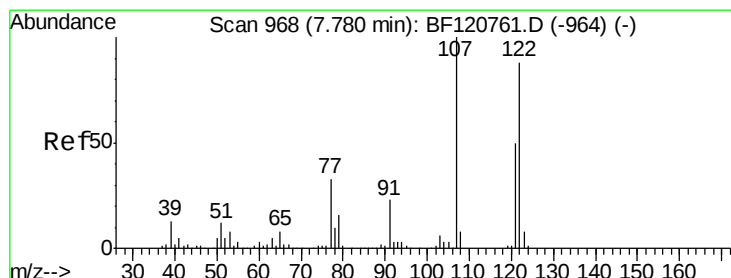
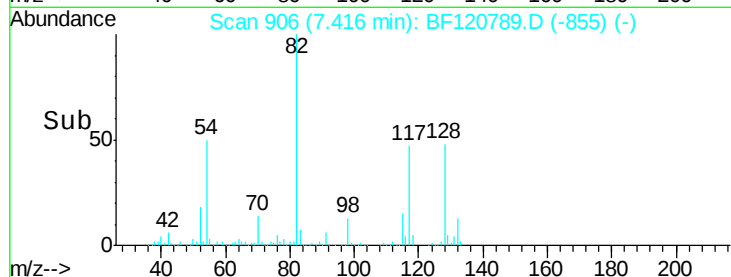
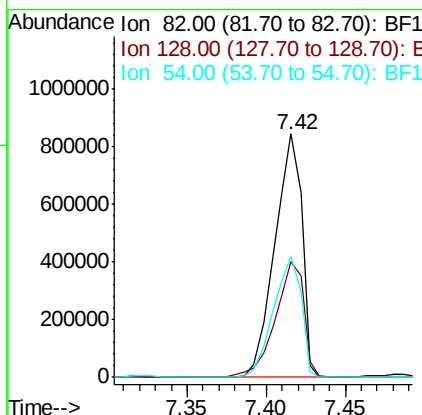
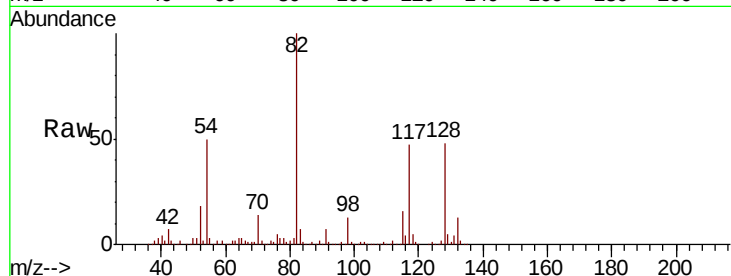




#23
 Nitrobenzene-d5
 Concen: 92.280 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF120789.D
 Acq: 7 Jul 2020 16:05

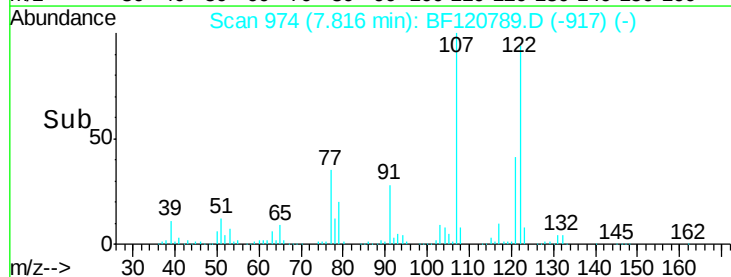
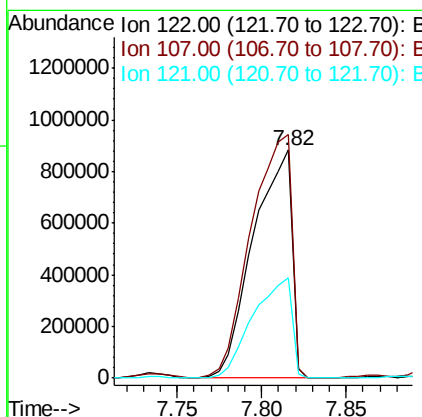
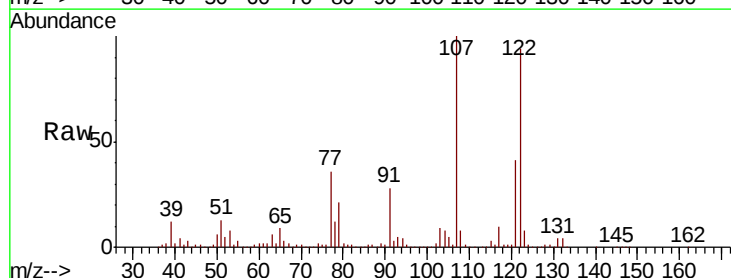
Instrument :
 BNA_F
 ClientSampled :
 MW-6

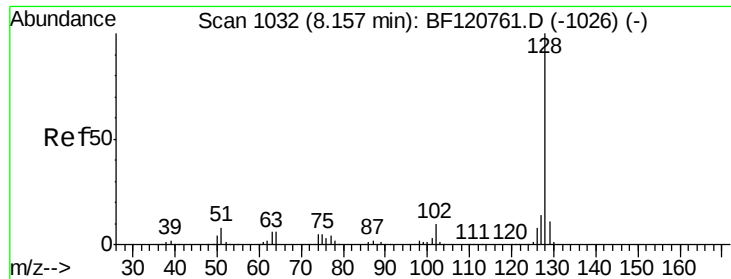
Tot Ion: 82 Resp: 1001406
 Ion Ratio Lower Upper
 82 100
 128 47.7 35.7 53.5
 54 49.8 40.9 61.3



#27
 2,4-Dimethylphenol
 Concen: 148.810 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.04 min
 Lab File: BF120789.D
 Acq: 7 Jul 2020 16:05

Tgt Ion: 122 Resp: 1390221
 Ion Ratio Lower Upper
 122 100
 107 106.9 90.7 136.1
 121 44.1 45.4 68.0#

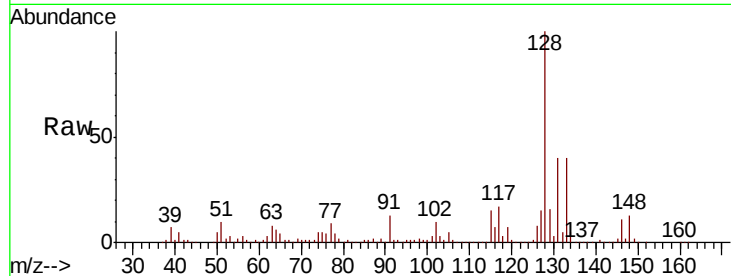




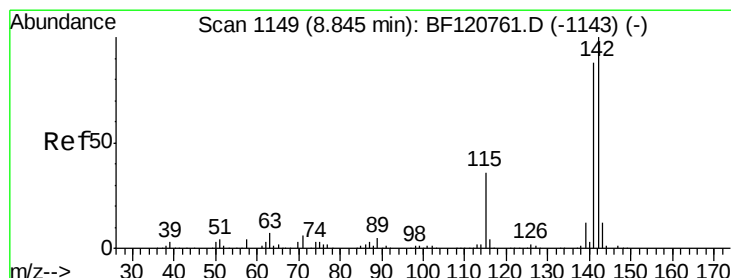
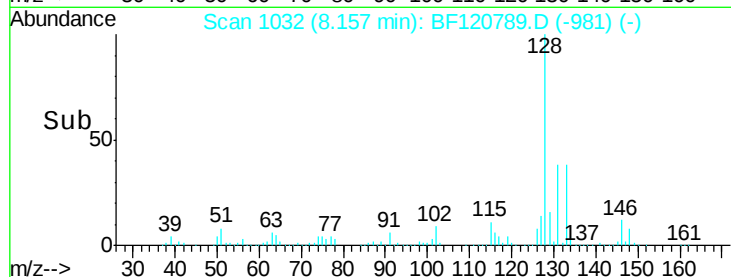
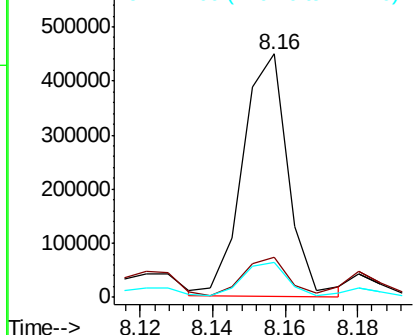
#31
Naphthalene
Concen: 11.721 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF120789.D
Acq: 7 Jul 2020 16:05

Instrument :
BNA_F
ClientSampleId :
MW-6

Tot Ion:128 Resp: 393841
Ion Ratio Lower Upper
128 100
129 16.5 9.2 13.8#
127 14.6 11.1 16.7

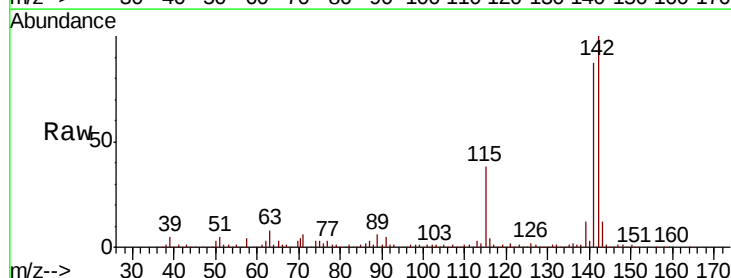


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

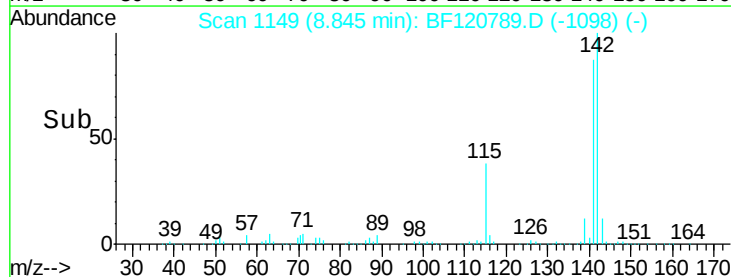
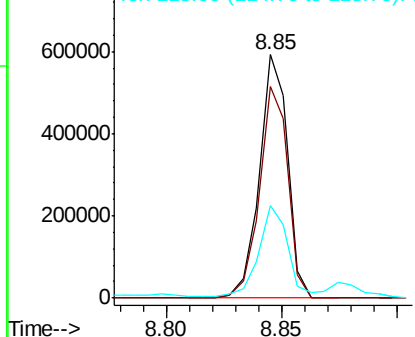


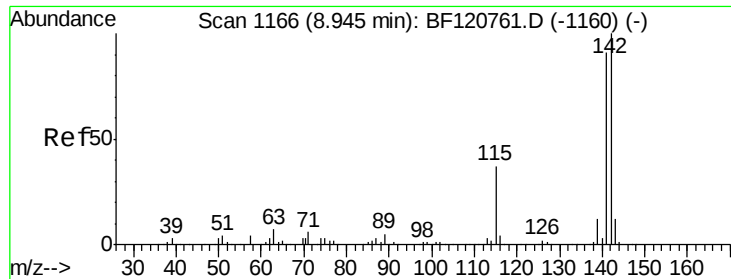
#37
2-Methylnaphthalene
Concen: 23.084 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF120789.D
Acq: 7 Jul 2020 16:05

Tgt Ion:142 Resp: 504225
Ion Ratio Lower Upper
142 100
141 87.2 70.2 105.4
115 38.0 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

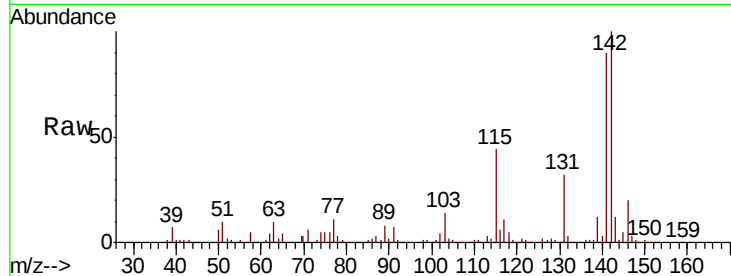




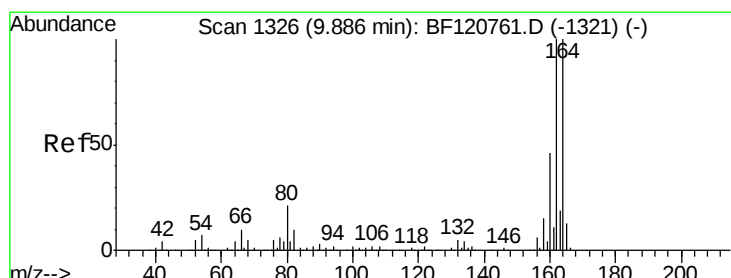
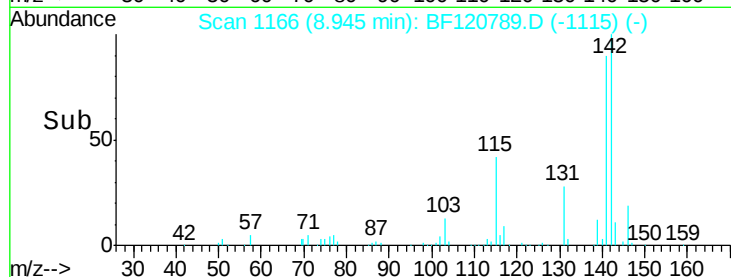
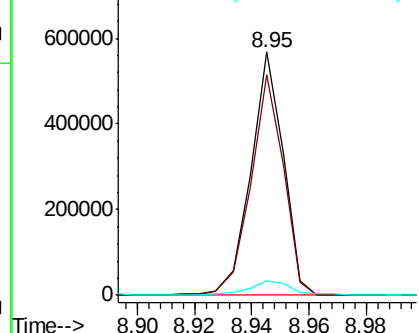
#38
1-Methylnaphthalene
Concen: 22.076 ng m
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF120789.D
Acq: 7 Jul 2020 16:05

Instrument :
BNA_F
ClientSampleId :
MW-6

Tot Ion:142 Resp: 451682
Ion Ratio Lower Upper
142 100
141 90.4 72.5 108.7
116 6.0 3.1 4.7#

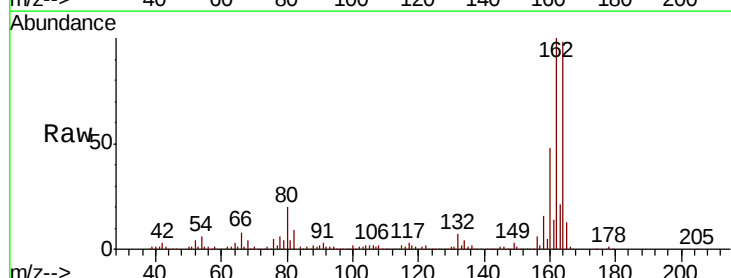


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

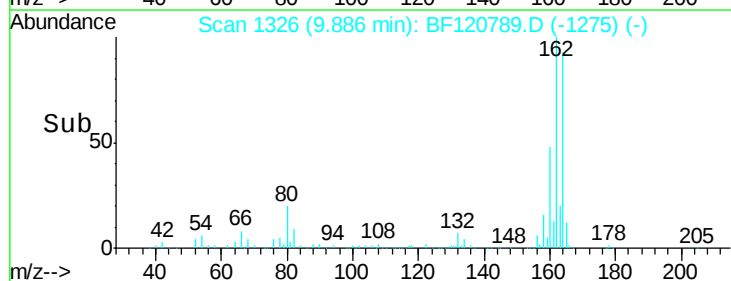
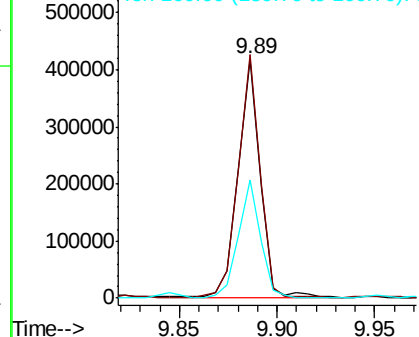


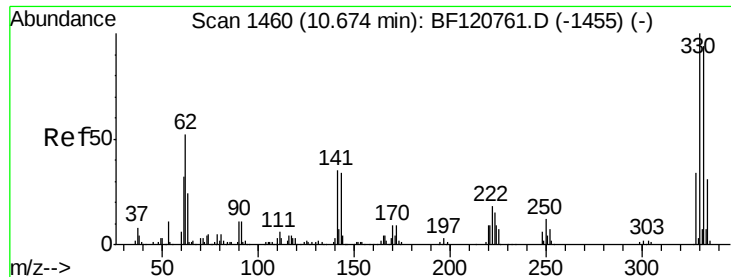
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF120789.D
Acq: 7 Jul 2020 16:05

Tgt Ion:164 Resp: 324895
Ion Ratio Lower Upper
164 100
162 101.9 80.2 120.2
160 49.2 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

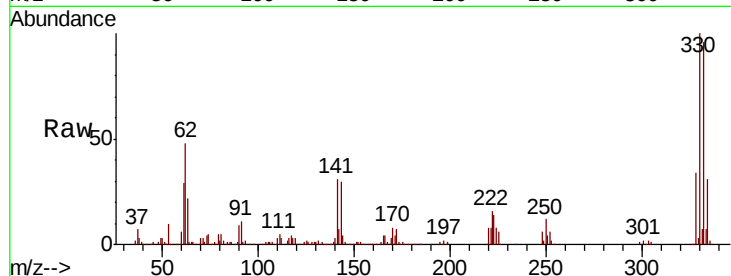




#42
 2,4,6-Tribromophenol
 Concen: 140.241 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF120789.D
 Acq: 7 Jul 2020 16:05

Instrument :
 BNA_F
 ClientSampled :
 MW-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.8	113.6
141	33.4	29.7	44.5

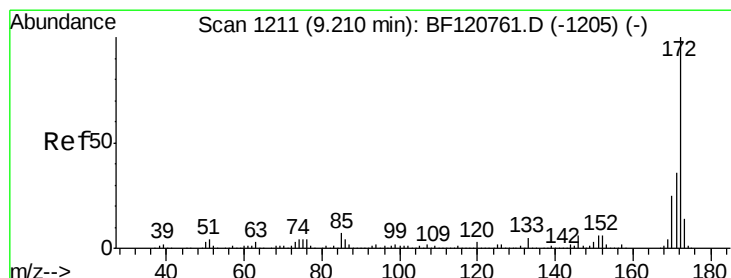
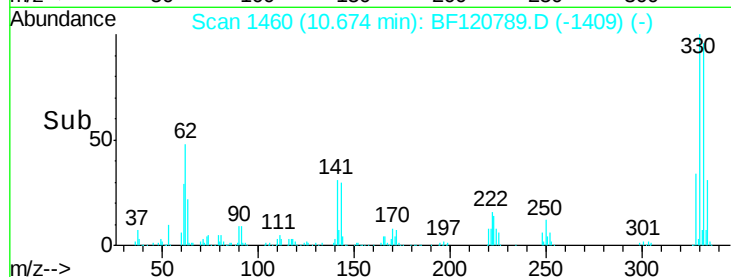
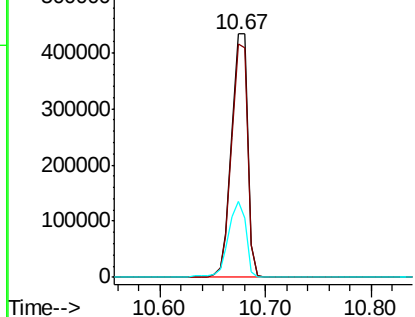


Abundance

Ion 329.80 (329.50 to 330.50): E

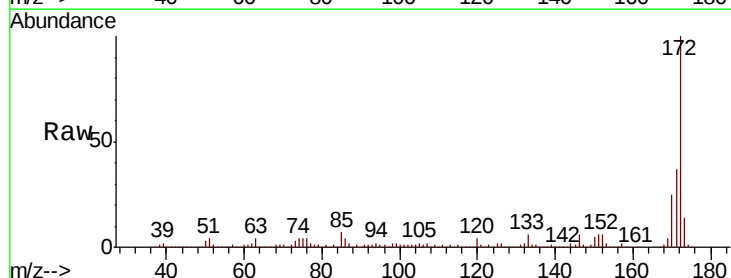
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.051 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF120789.D
 Acq: 7 Jul 2020 16:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.1	43.7
170	24.9	19.8	29.6

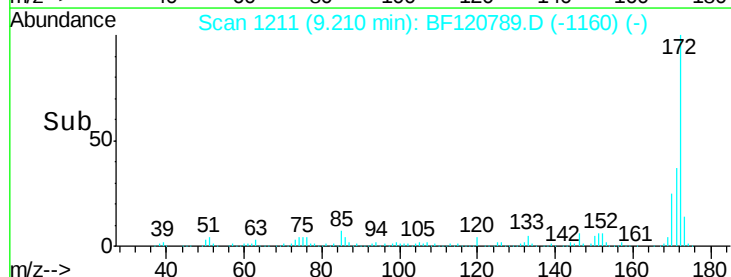
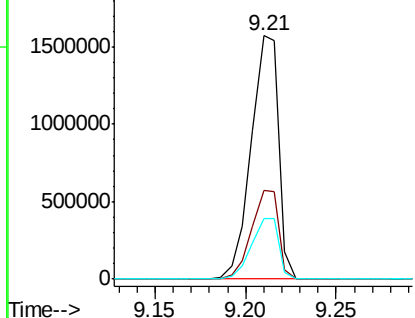


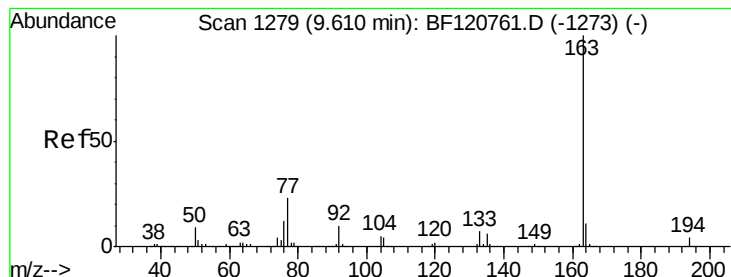
Abundance

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: 5.598 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF120789.D

Acq: 7 Jul 2020 16:05

Instrument :

BNA_F

ClientSampleId :

MW-6

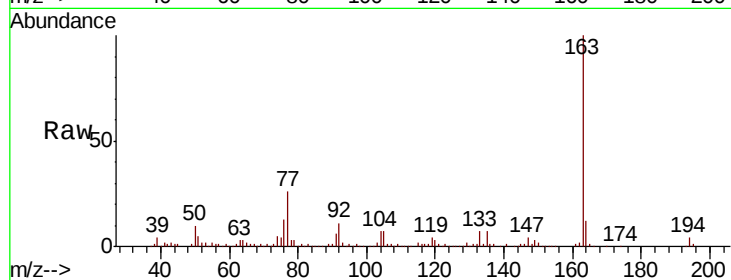
Tot Ion:163 Resp: 132682

Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

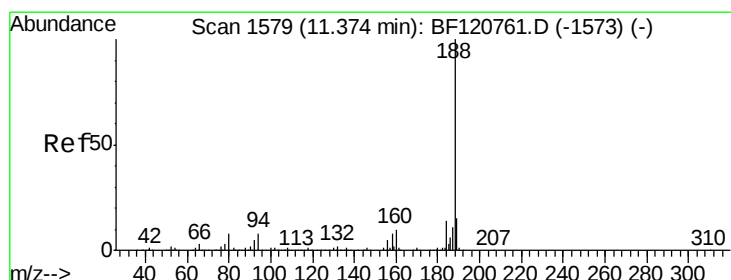
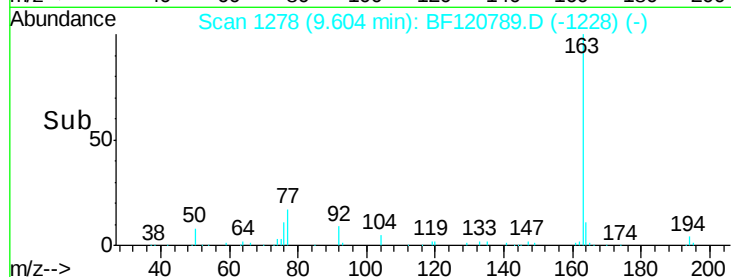
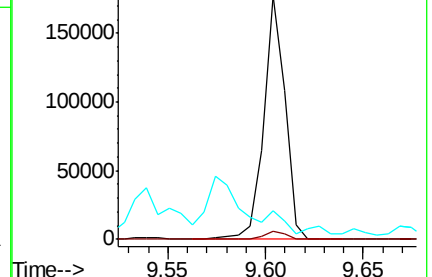
164 11.6 8.5 12.7



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF120789.D

Acq: 7 Jul 2020 16:05

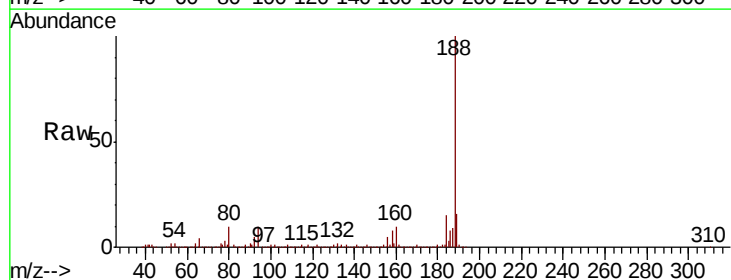
Tgt Ion:188 Resp: 581401

Ion Ratio Lower Upper

188 100

94 10.0 6.6 9.8#

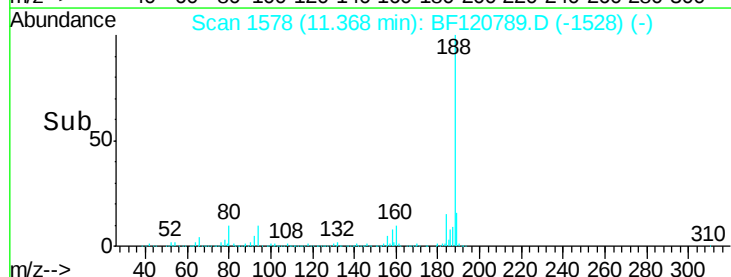
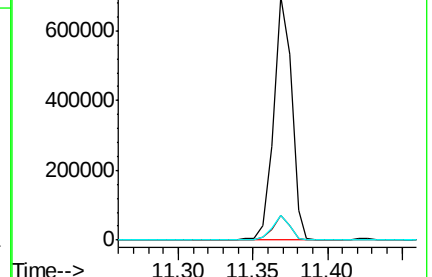
80 10.2 6.6 10.0#

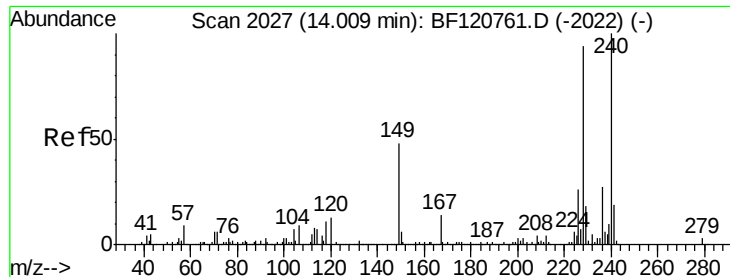


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

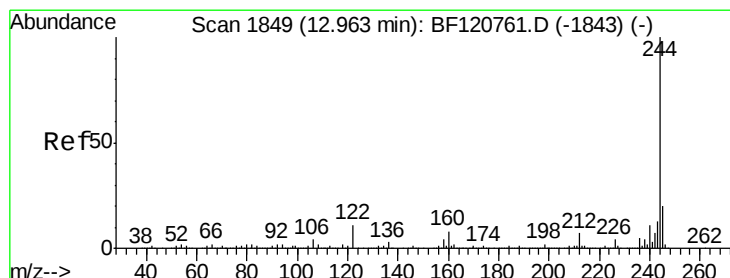
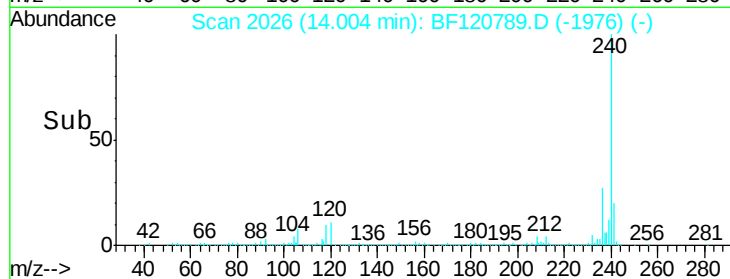
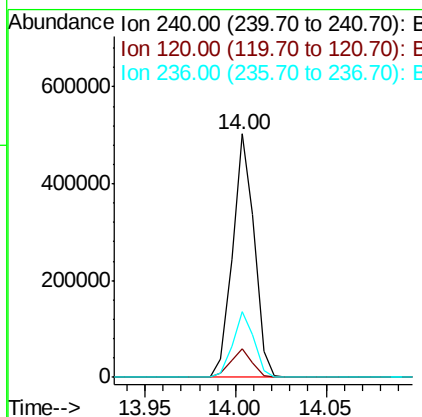
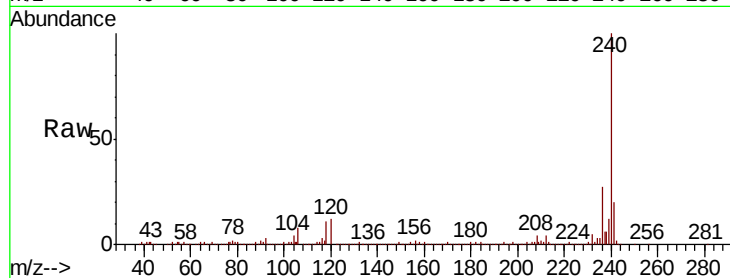




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF120789.D
 Acq: 7 Jul 2020 16:05

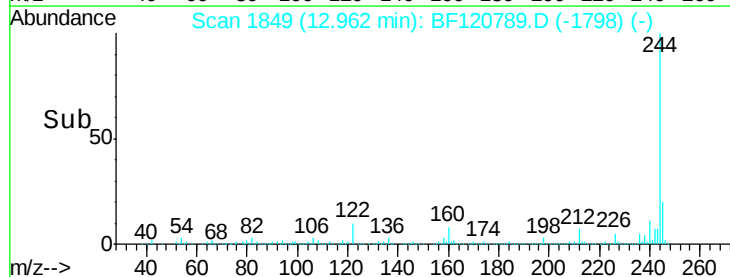
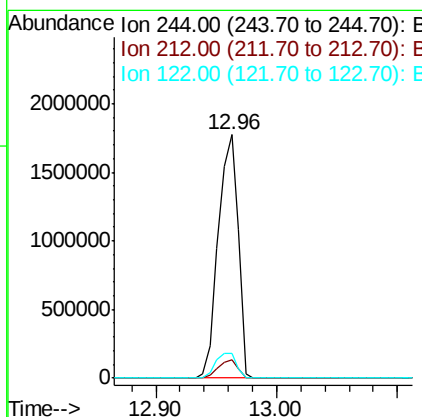
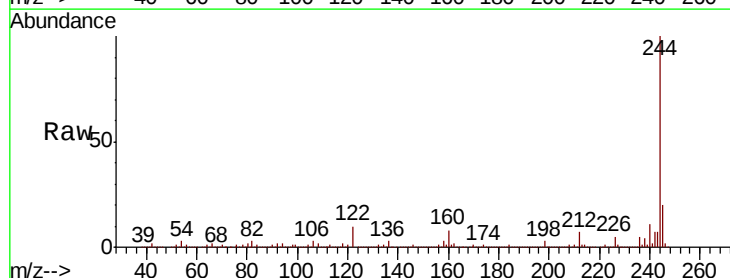
Instrument :
 BNA_F
 ClientSampleId :
 MW-6

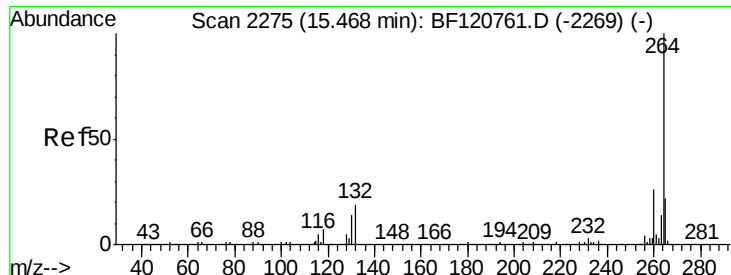
Tot Ion:240 Resp: 419918
 Ion Ratio Lower Upper
 240 100
 120 11.6 10.3 15.5
 236 27.2 21.4 32.2



#79
 Terphenyl-d14
 Concen: 93.015 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BF120789.D
 Acq: 7 Jul 2020 16:05

Tgt Ion:244 Resp: 1994943
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.2 9.0 13.4

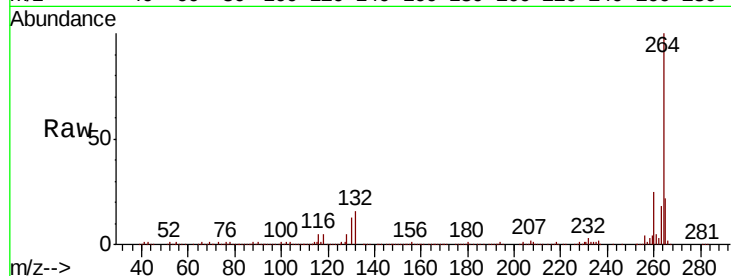




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF120789.D
Acq: 7 Jul 2020 16:05

Instrument :
BNA_F
ClientSampleId :
MW-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	30.8
265	21.9	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

