

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120783.D
 Acq On : 7 Jul 2020 13:14
 Operator : JU/CG
 Sample : L3215-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Jul 07 16:10:08 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

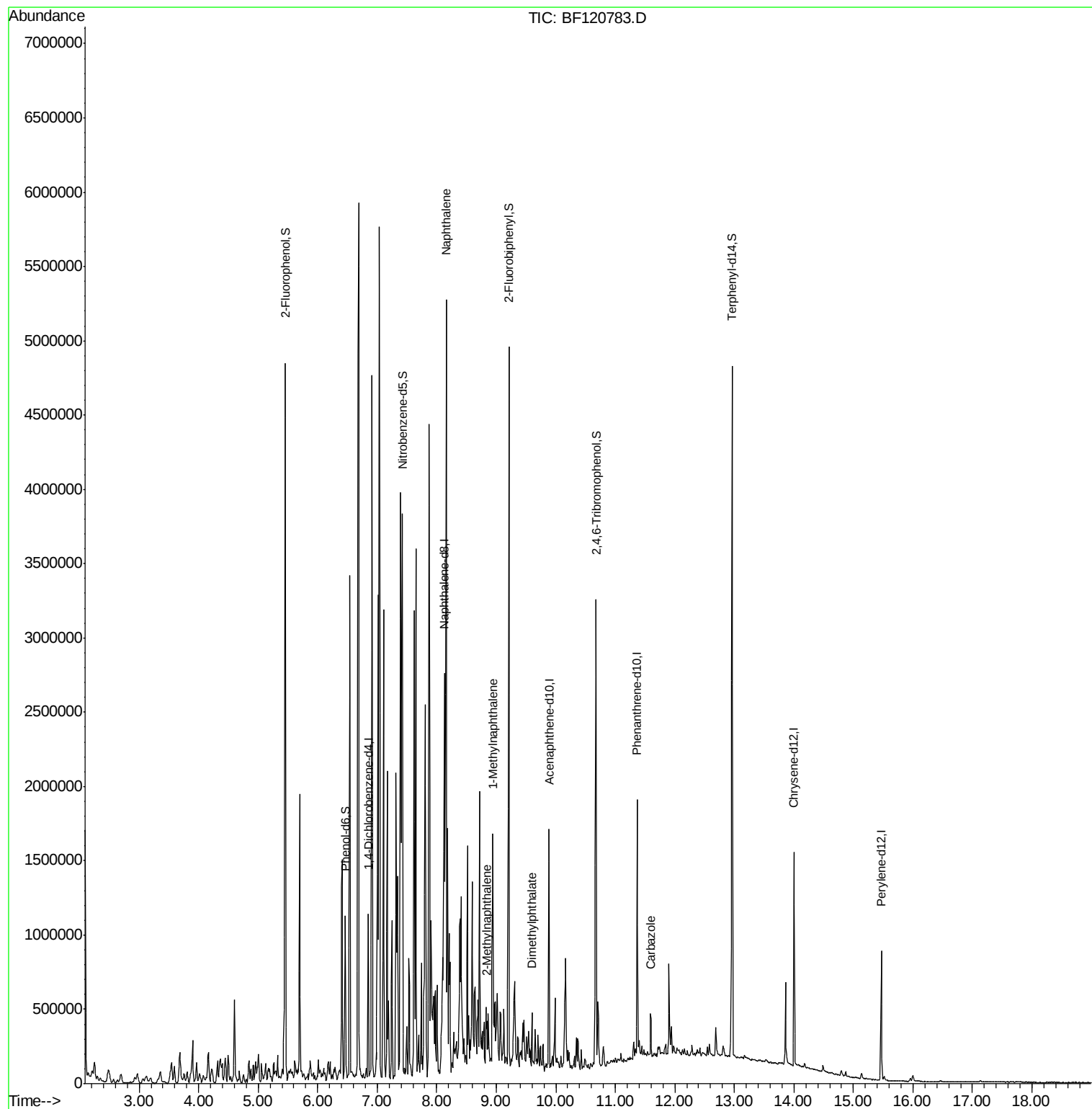
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	151937	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	584363	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	303424	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	561518	20.00	ng	0.00
76) Chrysene-d12	14.00	240	449106	20.00	ng	0.00
86) Perylene-d12	15.47	264	379546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	429811	43.67	ng	0.00
7) Phenol-d6	6.46	99	348251	27.71	ng	-0.01
23) Nitrobenzene-d5	7.42	82	905014	89.73	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	433546	142.22	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1628290	81.19	ng	0.00
79) Terphenyl-d14	12.96	244	1962229	85.54	ng	0.00
Target Compounds						
31) Naphthalene	8.16	128	2063898	66.087	ng	97
37) 2-Methylnaphthalene	8.85	142	57741	2.844	ng	93
38) 1-Methylnaphthalene	8.95	142	270057	14.201	ng	97
50) Dimethylphthalate	9.60	163	110176	4.978	ng	# 95
73) Carbazole	11.59	167	107522	3.634	ng	97

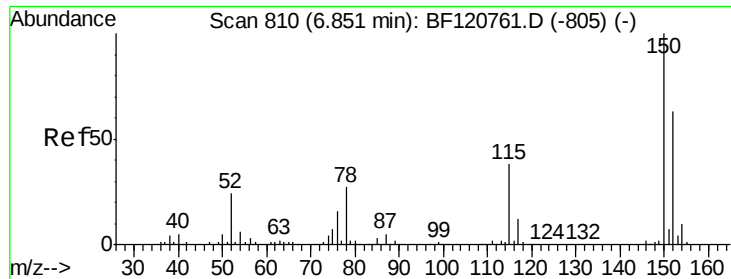
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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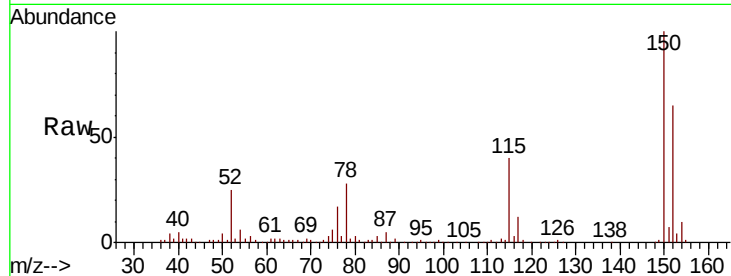




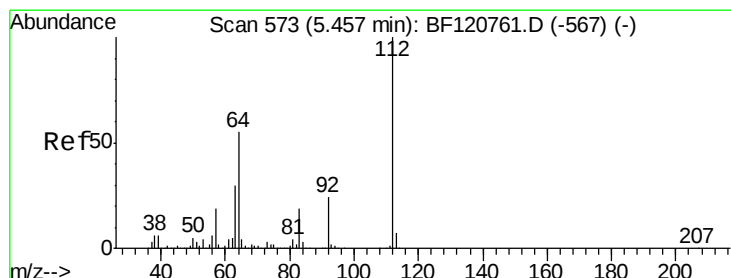
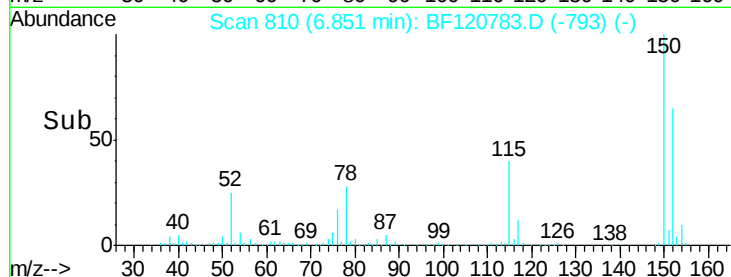
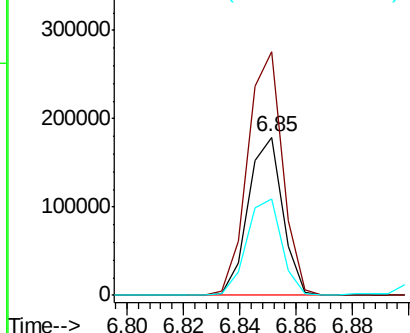
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF120783.D
 Acq: 7 Jul 2020 13:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tot Ion:152 Resp: 151937
 Ion Ratio Lower Upper
 152 100
 150 153.8 126.1 189.1
 115 60.8 48.5 72.7

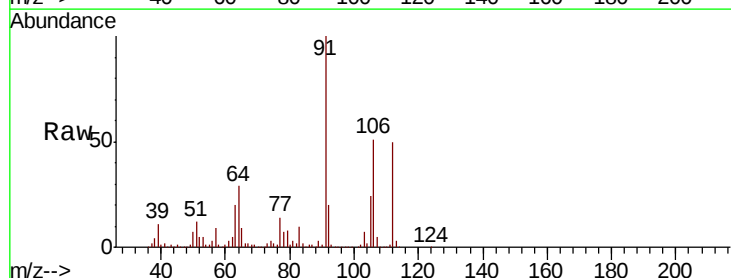


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

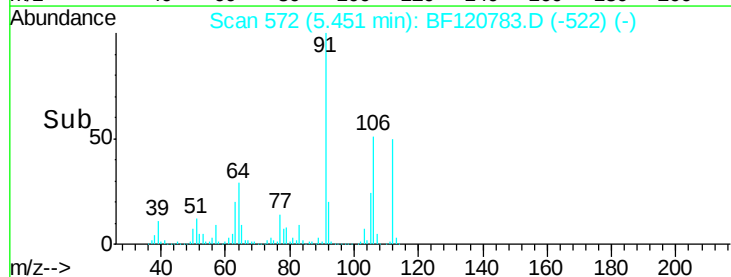
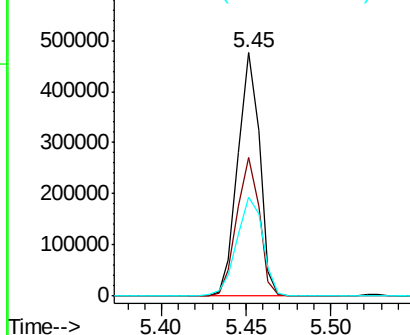


#5
 2-Fluorophenol
 Concen: 43.668 ng
 RT: 5.45 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF120783.D
 Acq: 7 Jul 2020 13:14

Tgt Ion:112 Resp: 429811
 Ion Ratio Lower Upper
 112 100
 64 56.9 43.8 65.6
 63 40.7 23.6 35.4#



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: 27.706 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF120783.D

Acq: 7 Jul 2020 13:14

Instrument :

BNA_F

ClientSampleId :

MW-3

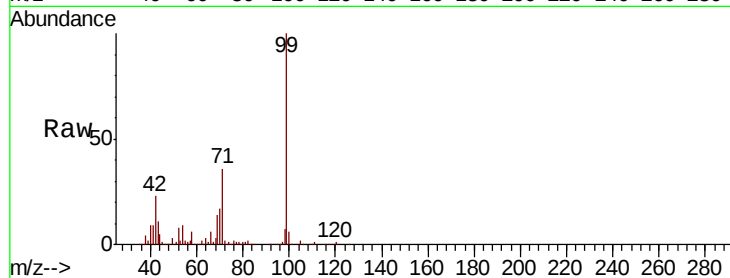
Tot Ion: 99 Resp: 348251

Ion Ratio Lower Upper

99 100

42 22.6 15.4 23.0

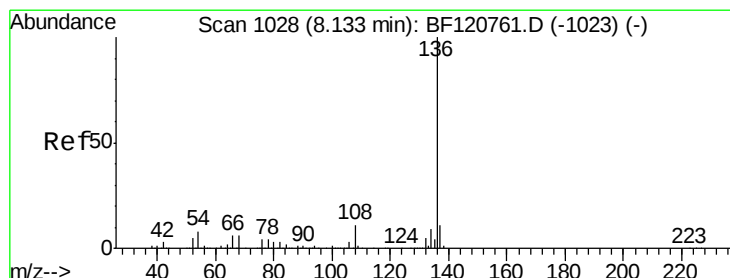
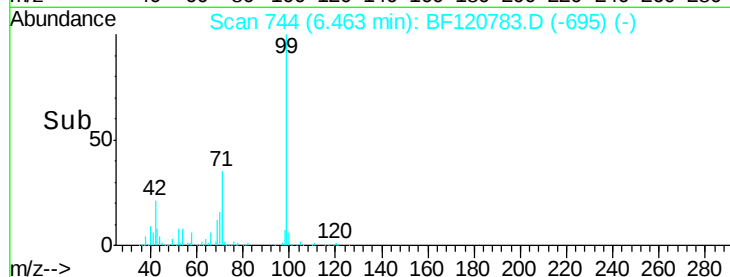
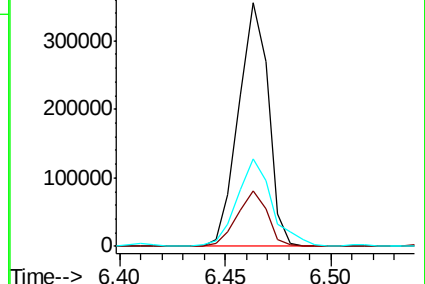
71 35.9 25.9 38.9



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: BF120783.D

Acq: 7 Jul 2020 13:14

Tgt Ion: 136 Resp: 584363

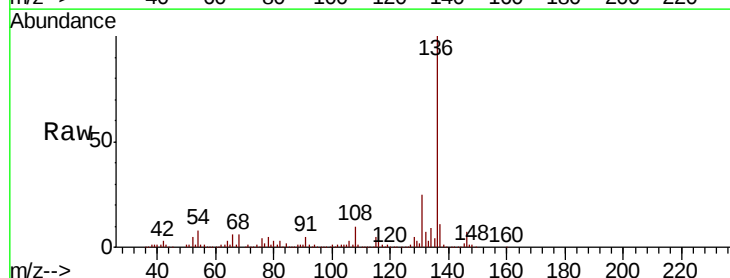
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 7.7 6.2 9.4

68 5.6 4.7 7.1

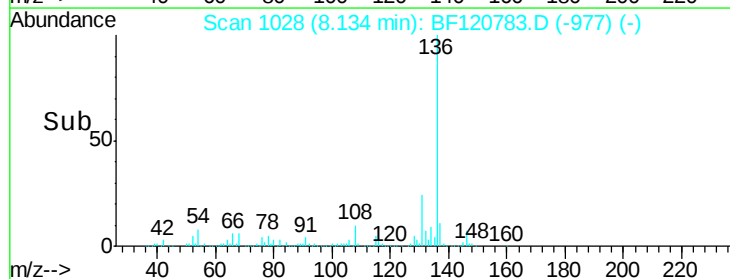
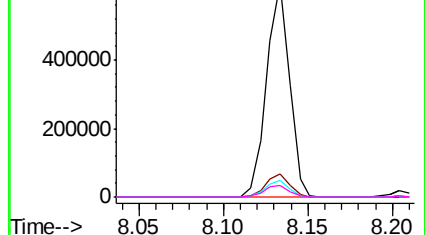


Abundance Ion 136.00 (135.70 to 136.70): E

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

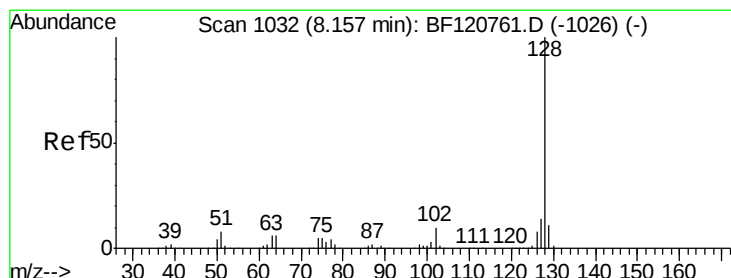
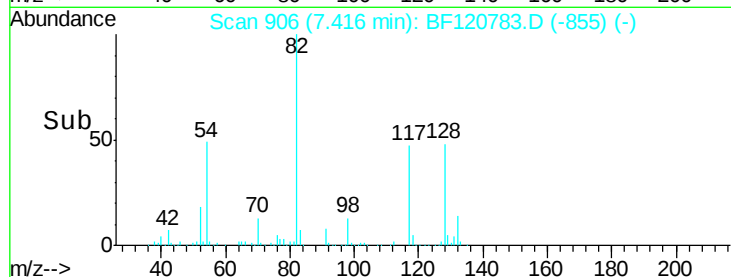
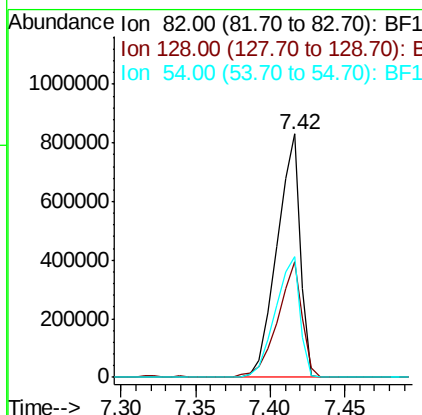
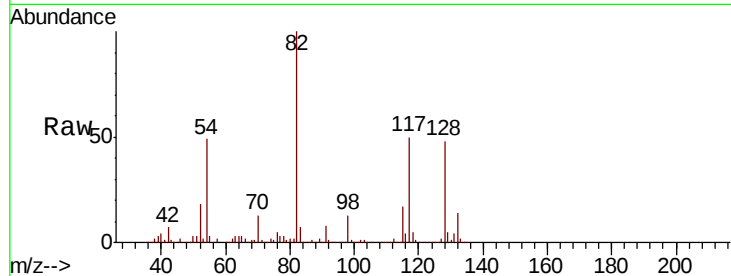




#23
Nitrobenzene-d5
Concen: 89.729 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF120783.D
Acq: 7 Jul 2020 13:14

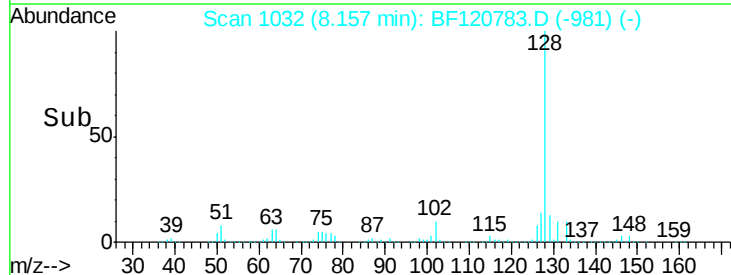
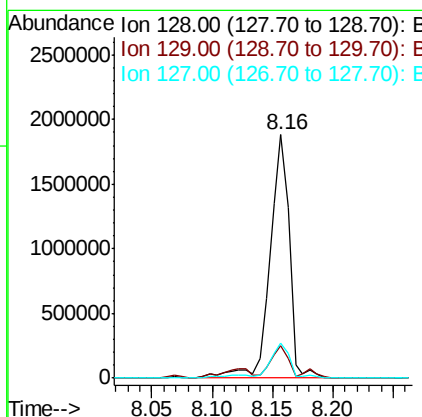
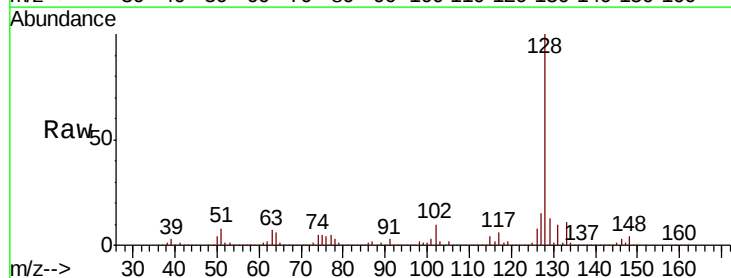
Instrument :
BNA_F
ClientSampled :
MW-3

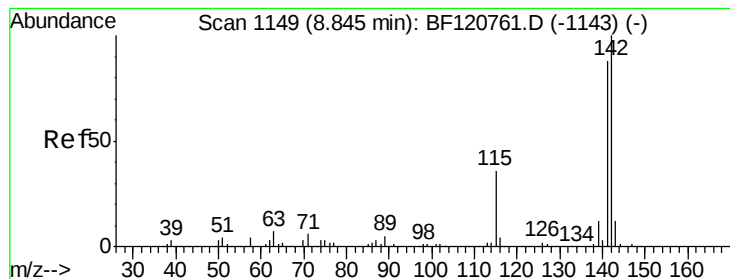
Tot Ion: 82 Resp: 905014
Ion Ratio Lower Upper
82 100
128 47.6 35.7 53.5
54 49.5 40.9 61.3



#31
Naphthalene
Concen: 66.087 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120783.D
Acq: 7 Jul 2020 13:14

Tgt Ion: 128 Resp: 2063898
Ion Ratio Lower Upper
128 100
129 13.2 9.2 13.8
127 14.6 11.1 16.7

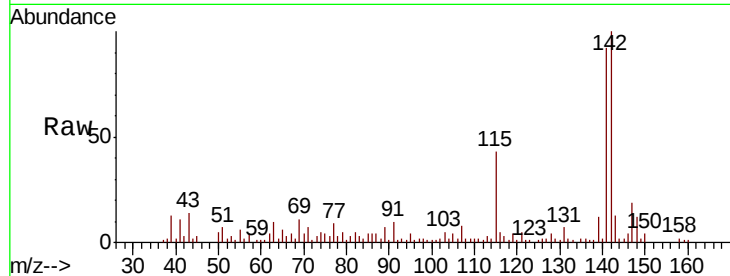




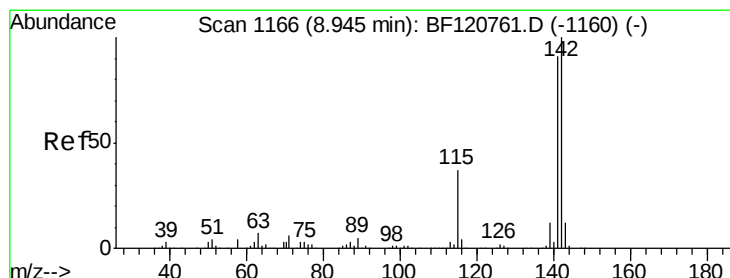
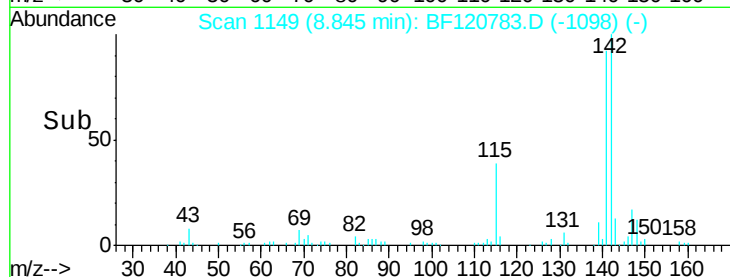
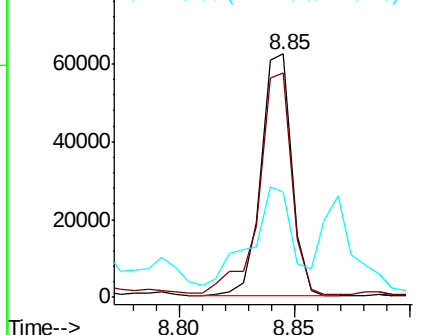
#37
 2-Methylnaphthalene
 Concen: 2.844 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF120783.D
 Acq: 7 Jul 2020 13:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	70.2	105.4
115	43.0	29.0	43.4

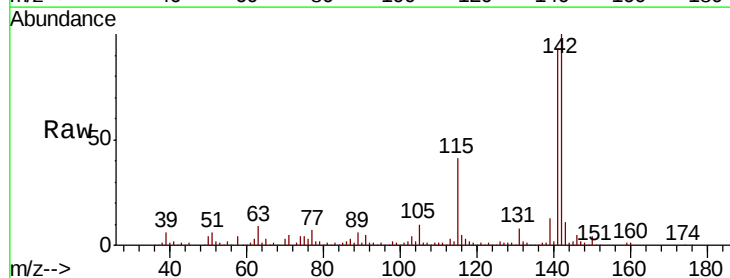


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

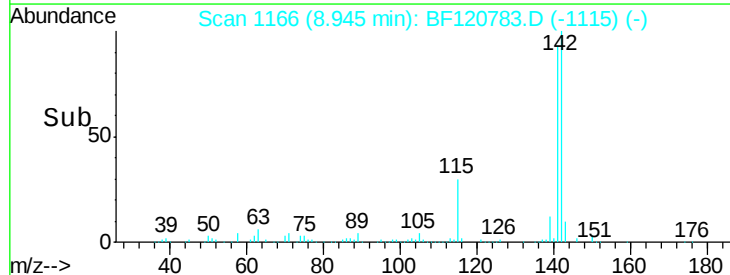
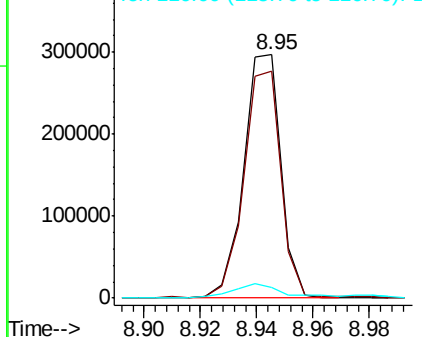


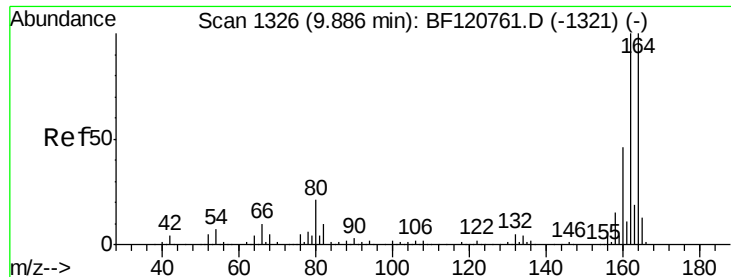
#38
 1-Methylnaphthalene
 Concen: 14.201 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF120783.D
 Acq: 7 Jul 2020 13:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.5	108.7
116	4.6	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

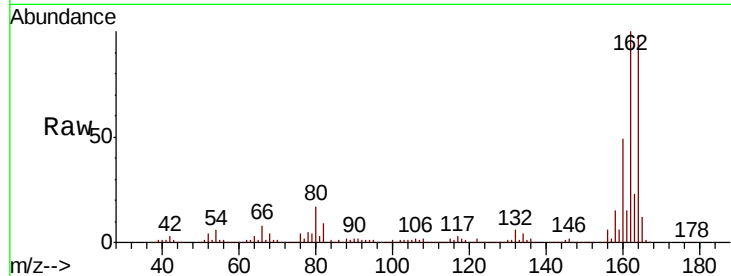




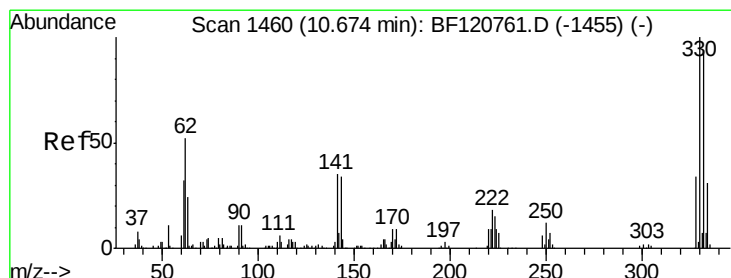
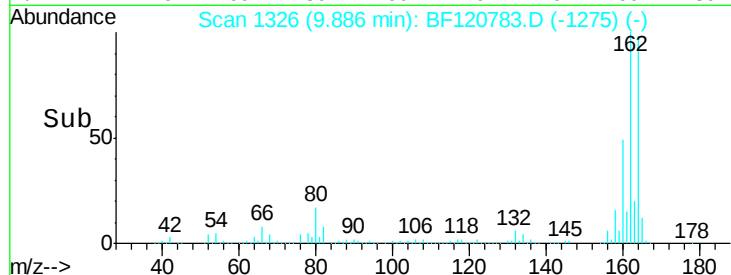
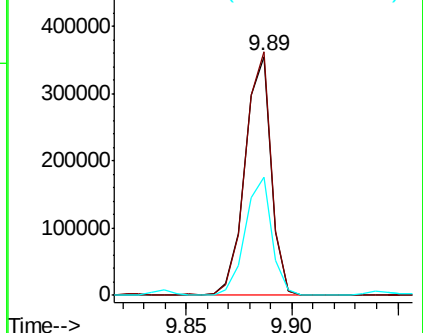
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF120783.D
 Acq: 7 Jul 2020 13:14

Instrument :
 BNA_F
 ClientSampleID :
 MW-3

Tot Ion:164 Resp: 303424
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.2 120.2
 160 49.5 36.9 55.3

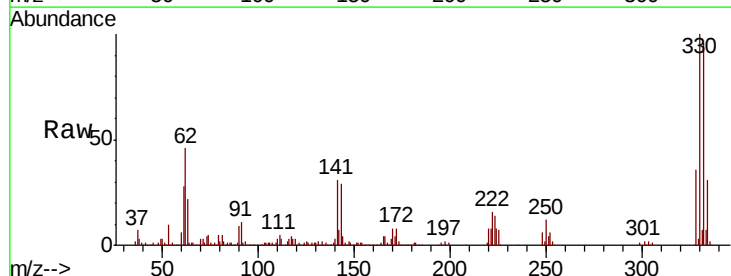


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

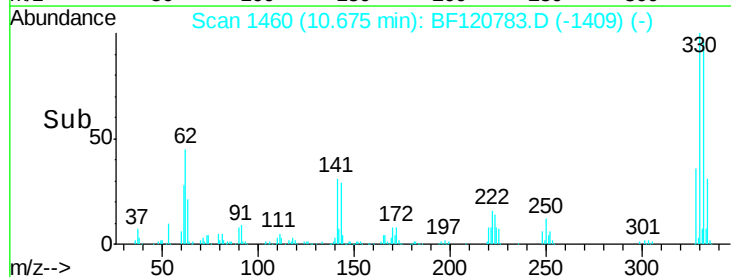
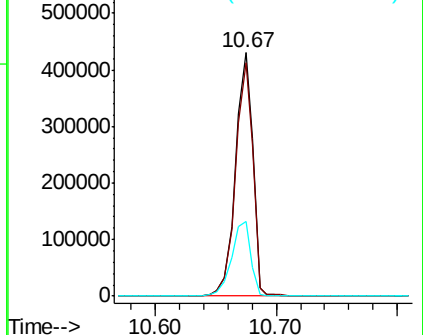


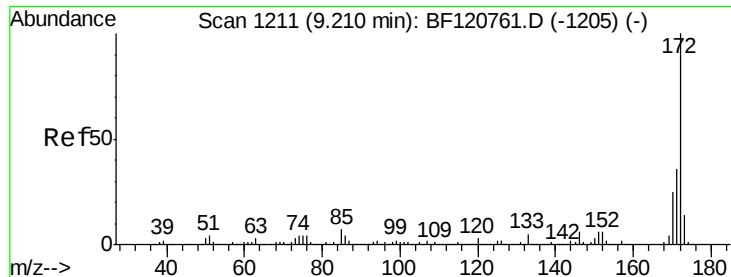
#42
 2,4,6-Tribromophenol
 Concen: 142.224 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF120783.D
 Acq: 7 Jul 2020 13:14

Tgt Ion:330 Resp: 433546
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.8 113.6
 141 33.8 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

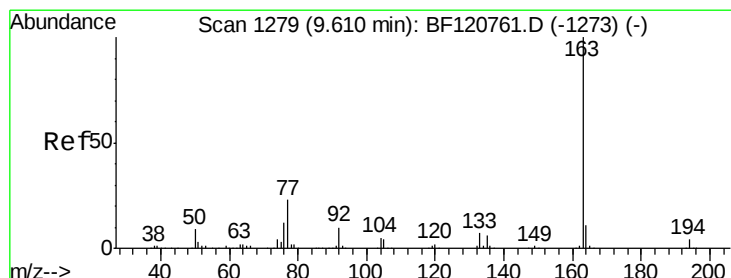
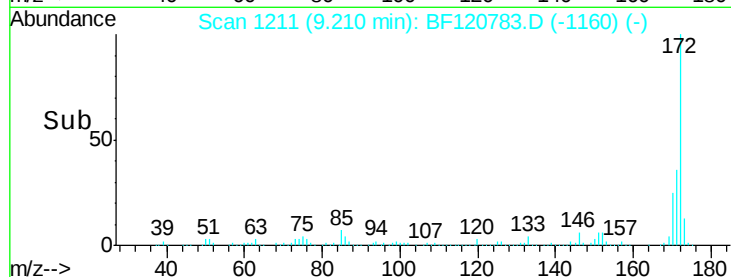
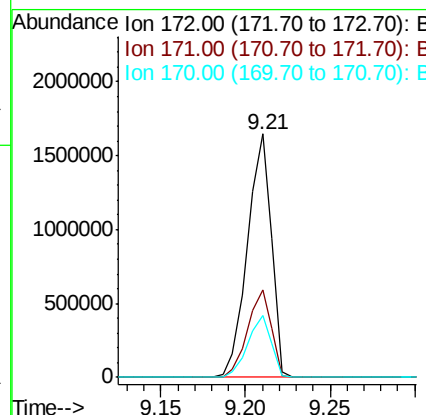
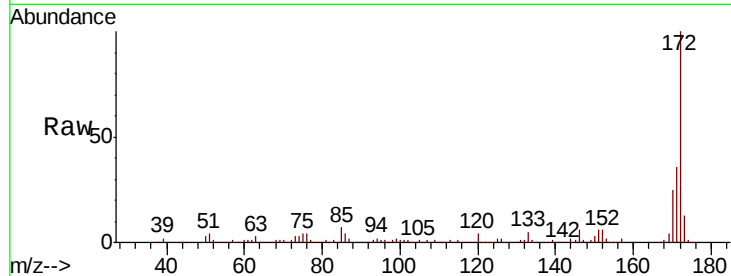




#45
2-Fluorobiphenyl
Concen: 81.190 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120783.D
Acq: 7 Jul 2020 13:14

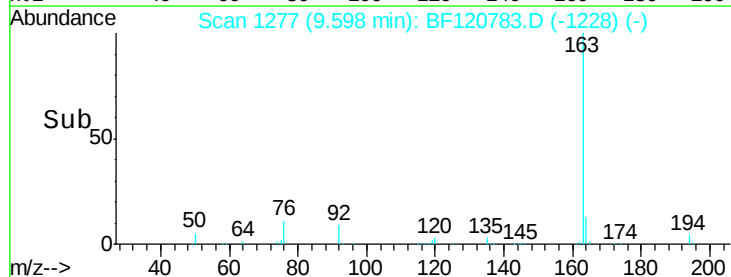
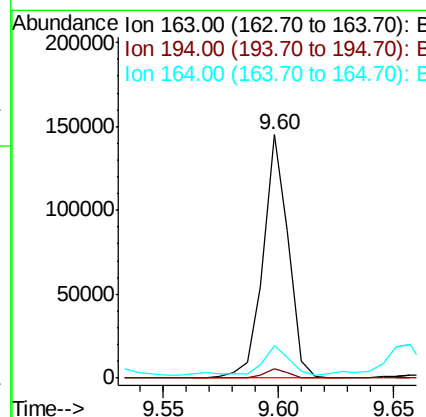
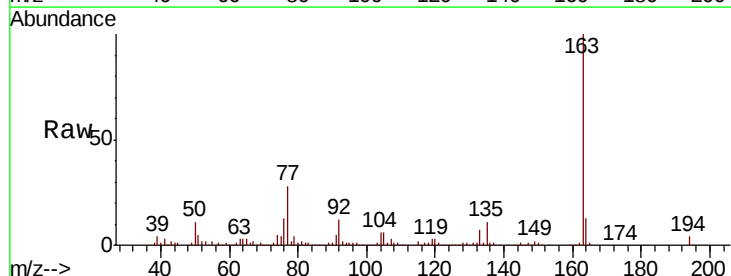
Instrument :
BNA_F
ClientSampleId :
MW-3

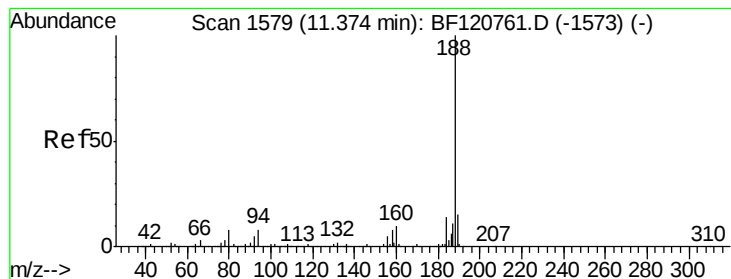
Tot Ion:172 Resp: 1628290
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 25.2 19.8 29.6



#50
Dimethylphthalate
Concen: 4.978 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF120783.D
Acq: 7 Jul 2020 13:14

Tgt Ion:163 Resp: 110176
Ion Ratio Lower Upper
163 100
194 4.0 2.9 4.3
164 13.1 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: BF120783.D

Acq: 7 Jul 2020 13:14

Instrument :

BNA_F

ClientSampleId :

MW-3

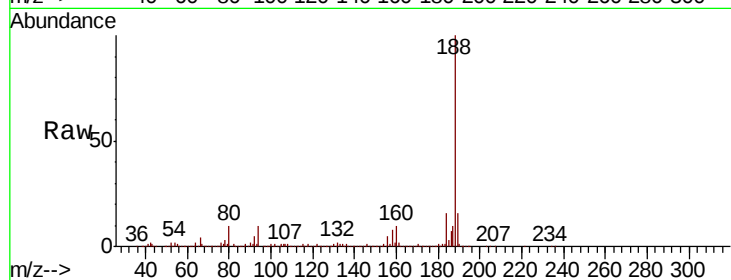
Tot Ion:188 Resp: 561518

Ion Ratio Lower Upper

188 100

94 9.6 6.6 9.8

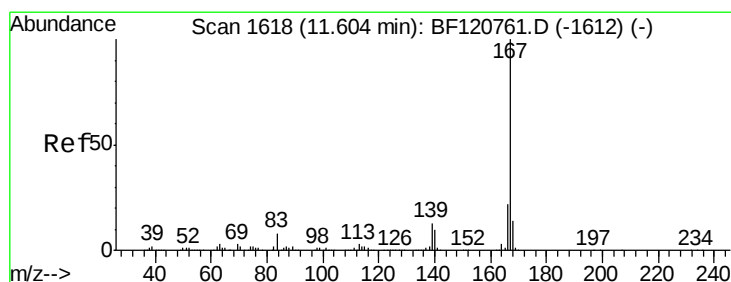
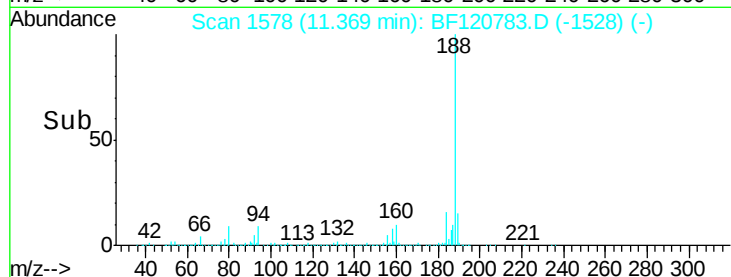
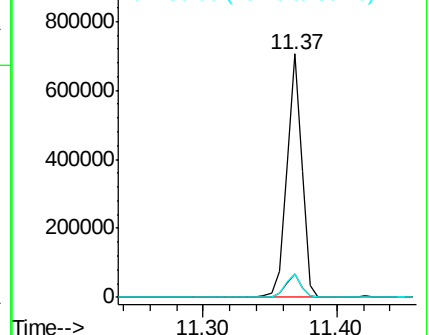
80 9.6 6.6 10.0



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: 3.634 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BF120783.D

Acq: 7 Jul 2020 13:14

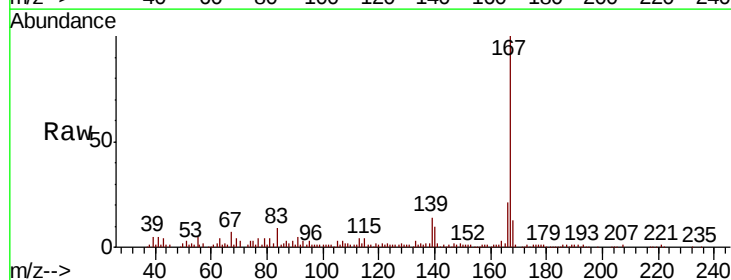
Tgt Ion:167 Resp: 107522

Ion Ratio Lower Upper

167 100

166 20.7 17.8 26.8

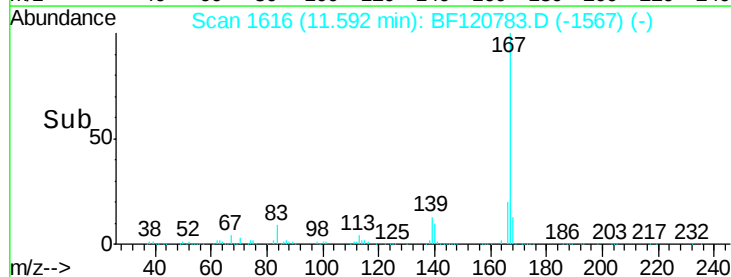
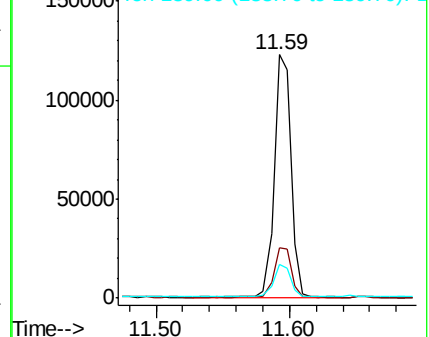
139 13.9 10.7 16.1

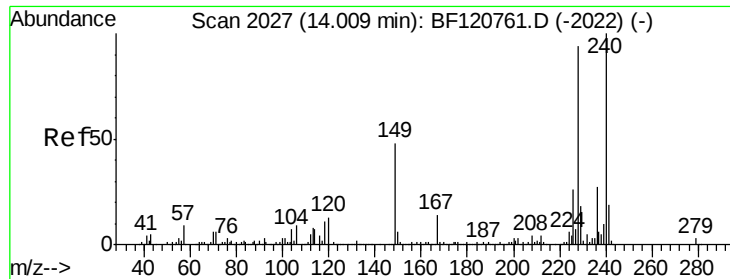


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

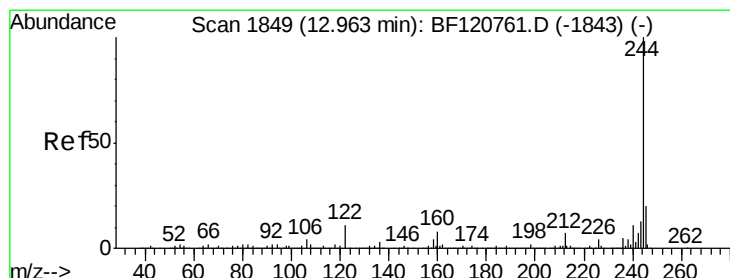
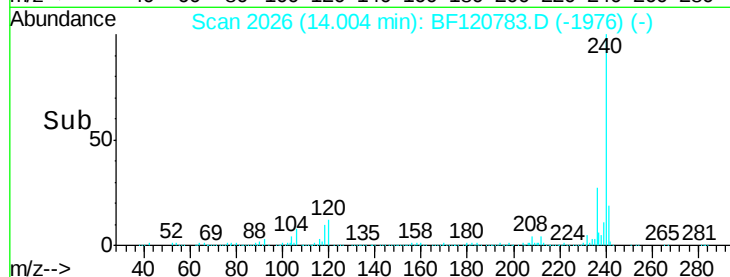
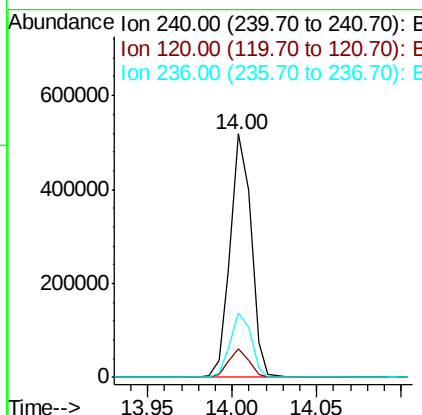
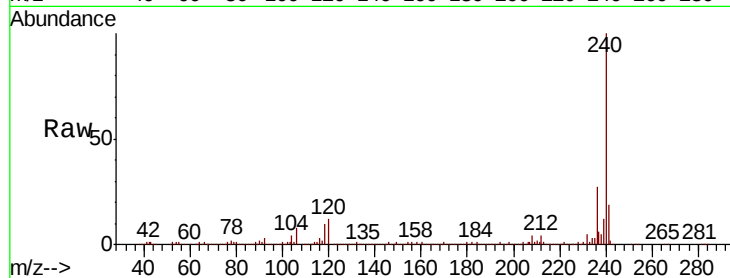




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF120783.D
Acq: 7 Jul 2020 13:14

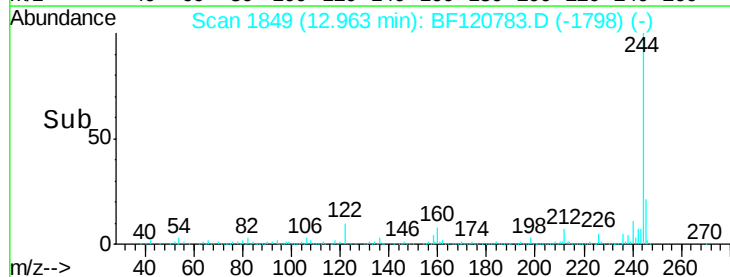
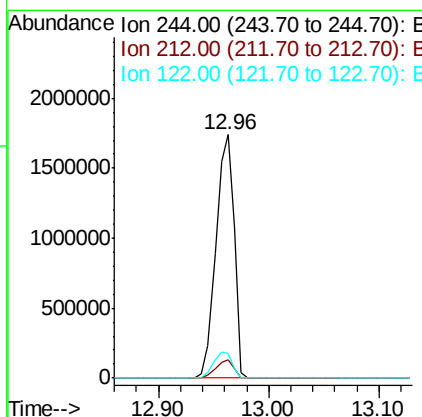
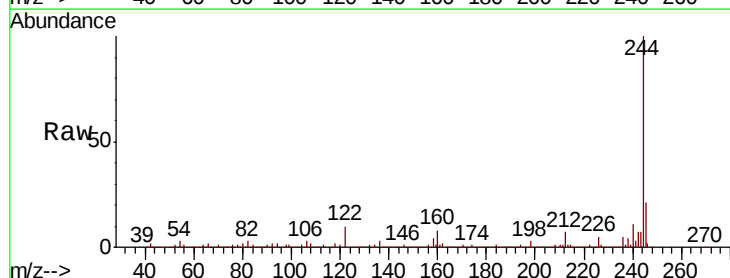
Instrument :
BNA_F
ClientSampleId :
MW-3

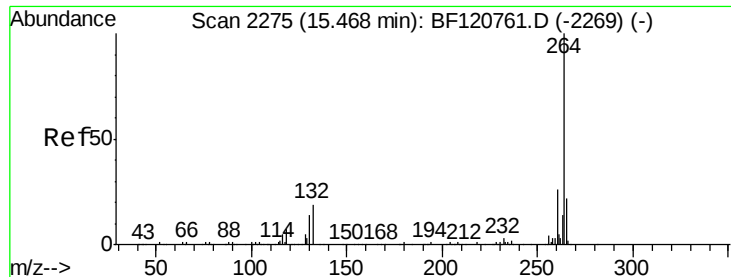
Tot Ion:240 Resp: 449106
Ion Ratio Lower Upper
240 100
120 11.7 10.3 15.5
236 26.7 21.4 32.2



#79
Terphenyl-d14
Concen: 85.544 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF120783.D
Acq: 7 Jul 2020 13:14

Tgt Ion:244 Resp: 1962229
Ion Ratio Lower Upper
244 100
212 7.4 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: BF120783.D
Acq: 7 Jul 2020 13:14

Instrument :
BNA_F
ClientSampleId :
MW-3

Tot Ion: 264 Resp: 379546

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.6	30.8
265	21.3	17.6	26.4

