

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
 Data File : BF120245.D
 Acq On : 30 Apr 2020 17:55
 Operator : MA/SJ
 Sample : L2451-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Apr 30 18:54:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 12:39:25 2020
 Response via : Initial Calibration

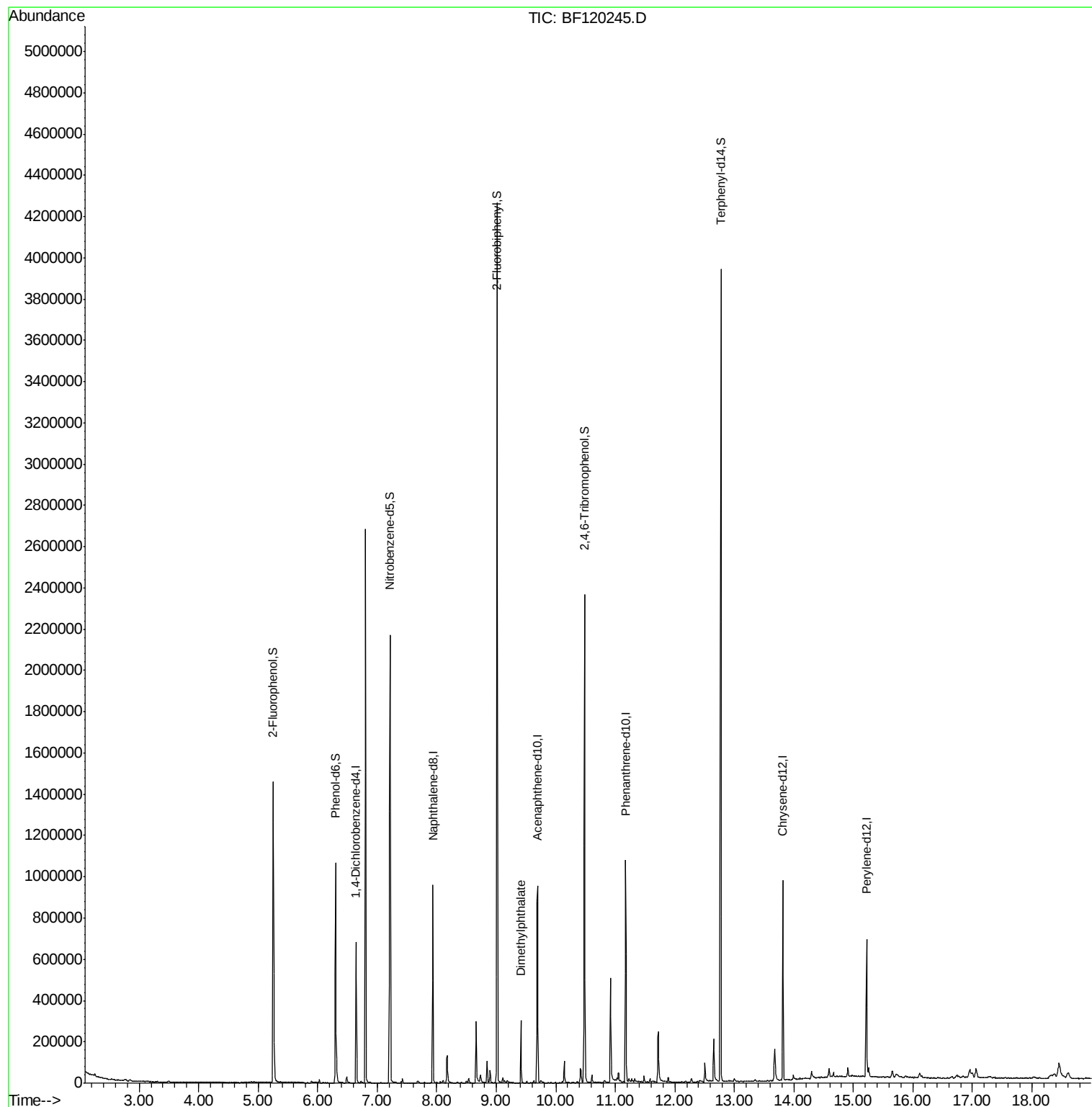
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	94555	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	358225	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	186067	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	359021	20.00	ng	0.00
76) Chrysene-d12	13.82	240	305136	20.00	ng	-0.01
87) Perylene-d12	15.22	264	303693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	402404	73.55	ng	0.00
7) Phenol-d6	6.30	99	336359	47.71	ng	-0.01
23) Nitrobenzene-d5	7.22	82	660813	95.43	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	294319	129.20	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1197100	91.34	ng	0.00
79) Terphenyl-d14	12.77	244	1562162	86.14	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	116224	8.076	ng	Qvalue 99

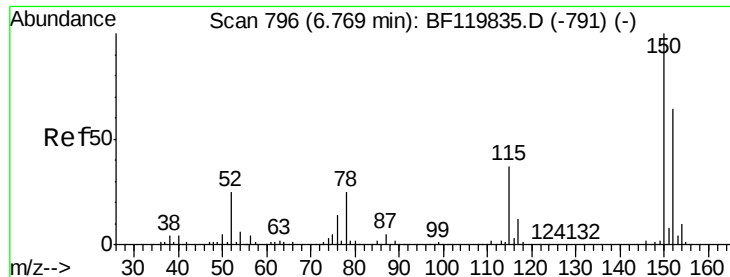
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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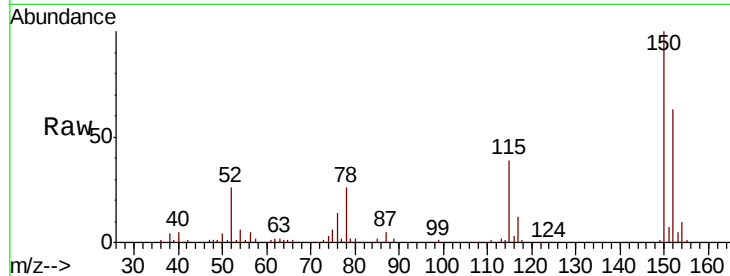


#1

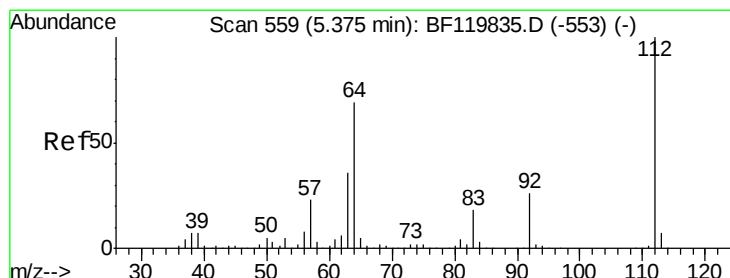
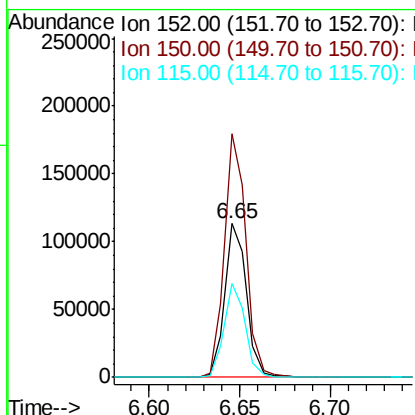
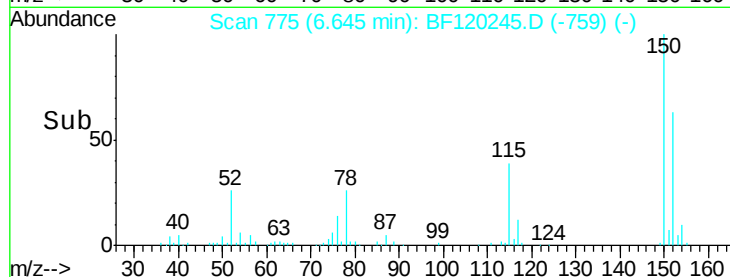
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF120245.D
 Acq: 30 Apr 2020 17:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion:152 Resp: 94555
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.5 186.7
 115 61.3 49.6 74.4



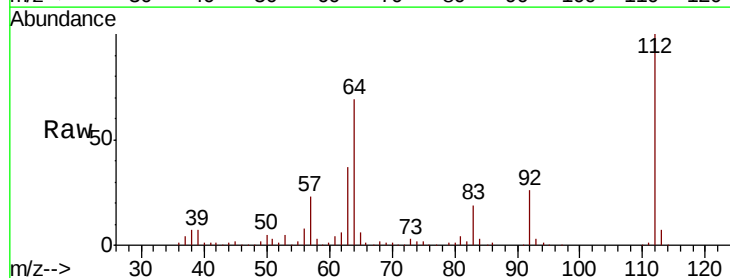
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



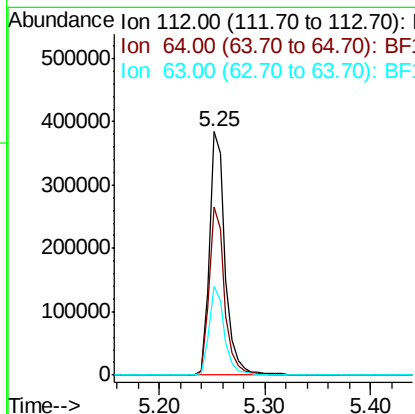
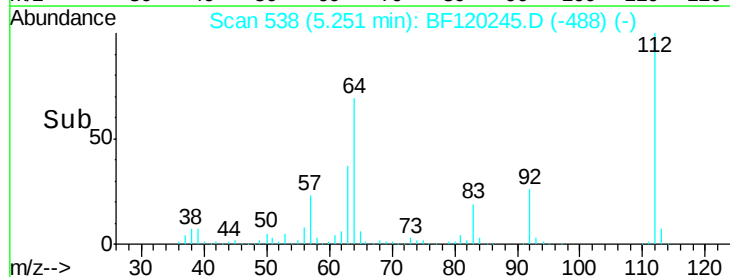
#5

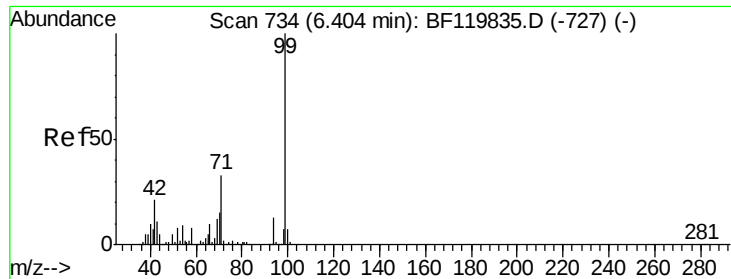
2-Fluorophenol
 Concen: 73.547 ng
 RT: 5.25 min Scan# 538
 Delta R.T. -0.01 min
 Lab File: BF120245.D
 Acq: 30 Apr 2020 17:55

Tgt Ion:112 Resp: 402404
 Ion Ratio Lower Upper
 112 100
 64 68.9 56.7 85.1
 63 36.5 29.5 44.3



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: 47.710 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF120245.D

Acq: 30 Apr 2020 17:55

Instrument :

BNA_F

ClientSampleId :

MW-1

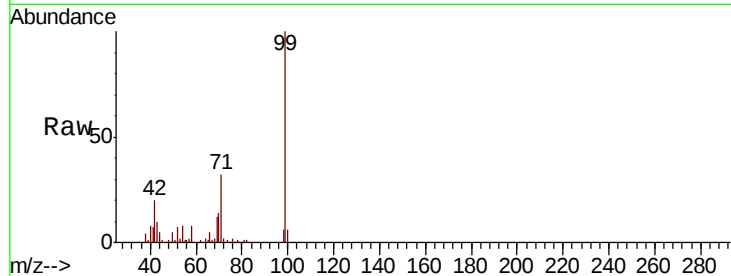
Tot Ion: 99 Resp: 336359

Ion Ratio Lower Upper

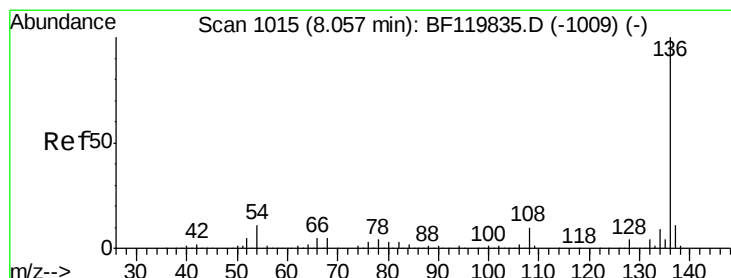
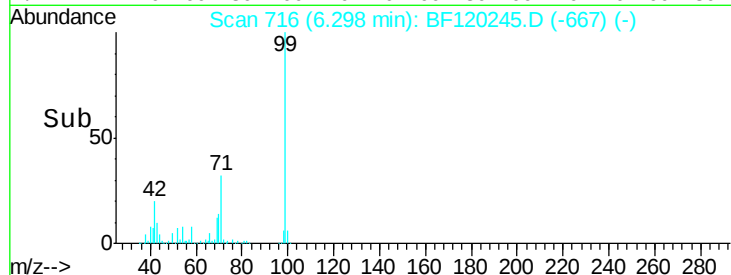
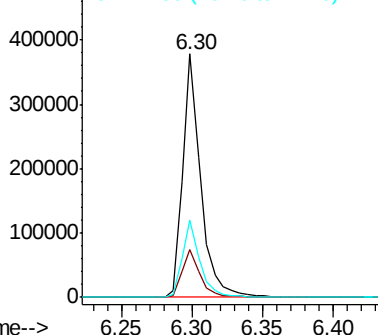
99 100

42 19.9 16.6 24.8

71 31.8 26.4 39.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF120245.D

Acq: 30 Apr 2020 17:55

Tgt Ion: 136 Resp: 358225

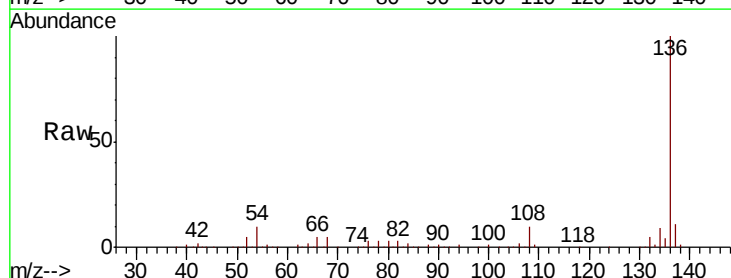
Ion Ratio Lower Upper

136 100

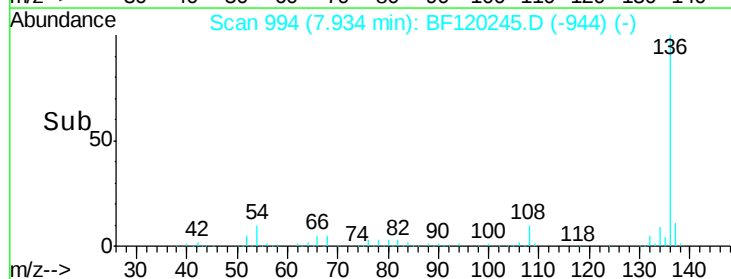
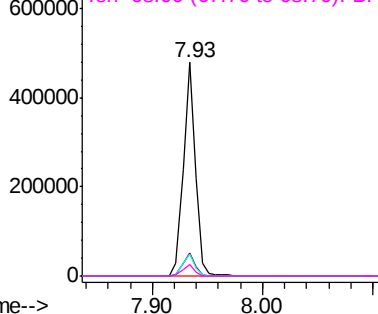
137 10.9 8.7 13.1

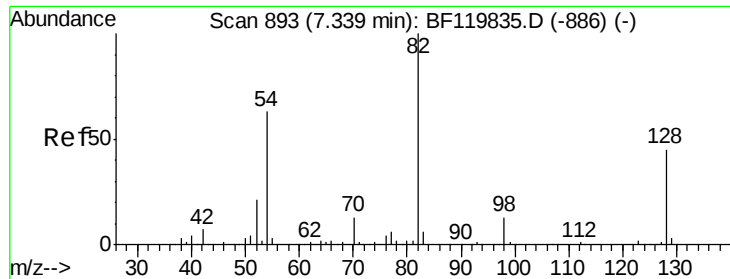
54 10.1 9.1 13.7

68 5.4 4.6 6.8



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

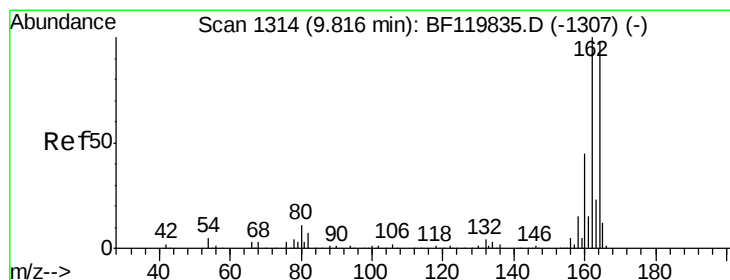
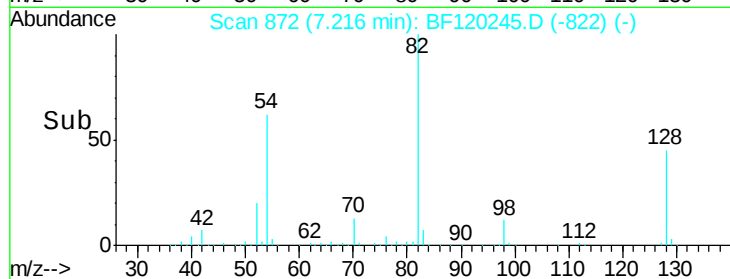
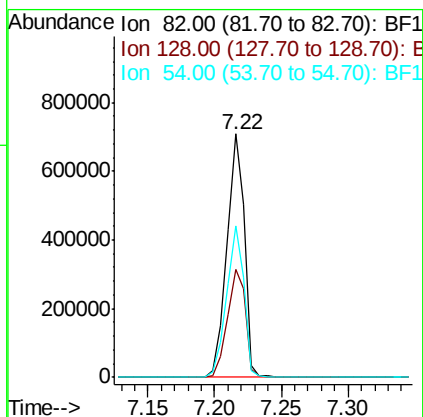
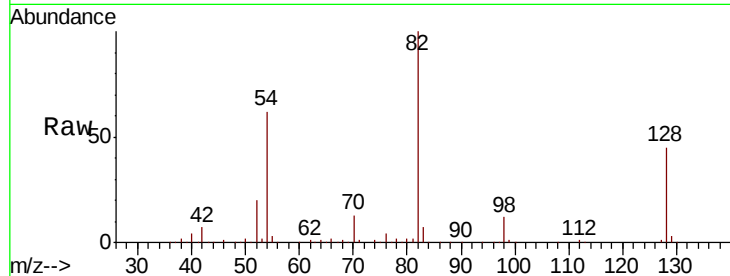




#23
Nitrobenzene-d5
Concen: 95.432 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120245.D
Acq: 30 Apr 2020 17:55

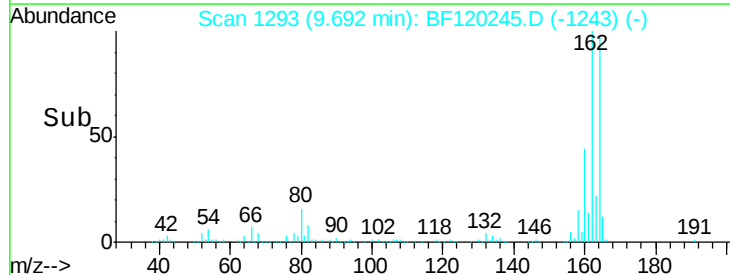
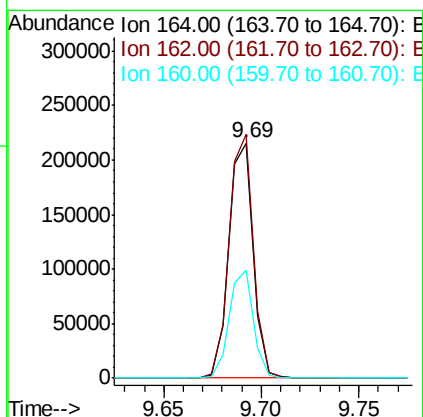
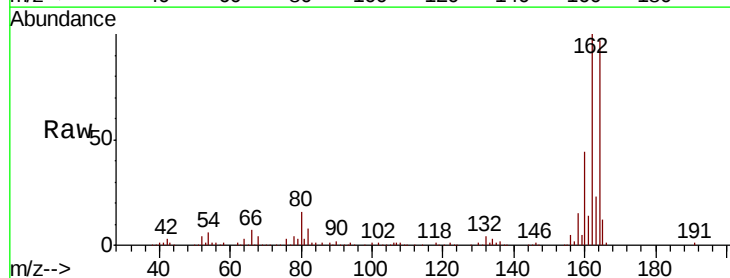
Instrument :
BNA_F
ClientSampleId :
MW-1

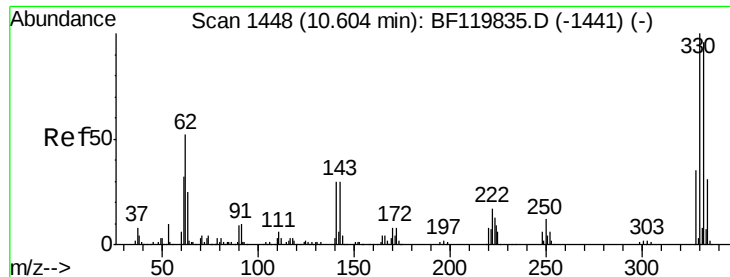
Tot Ion: 82 Resp: 660813
Ion Ratio Lower Upper
82 100
128 44.6 36.3 54.5
54 62.3 50.6 75.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF120245.D
Acq: 30 Apr 2020 17:55

Tgt Ion: 164 Resp: 186067
Ion Ratio Lower Upper
164 100
162 103.6 80.6 121.0
160 46.0 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 129.195 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF120245.D

Acq: 30 Apr 2020 17:55

Instrument :

BNA_F

ClientSampled :

MW-1

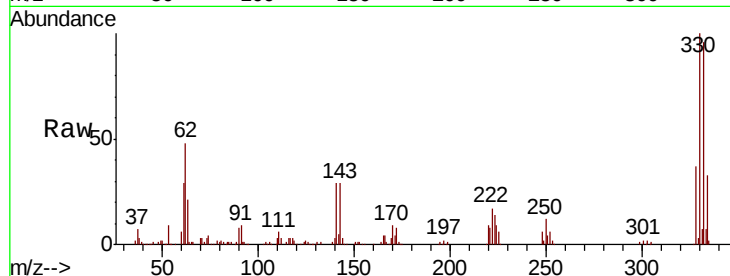
Tot Ion:330 Resp: 294319

Ion Ratio Lower Upper

330 100

332 95.8 75.7 113.5

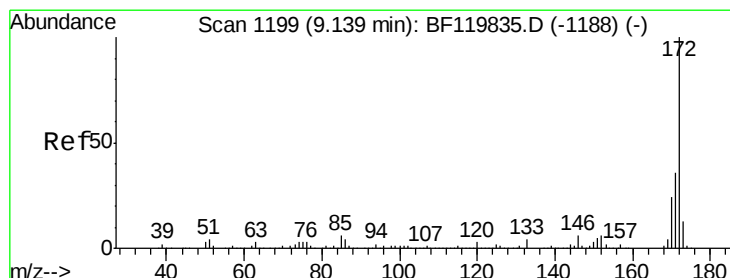
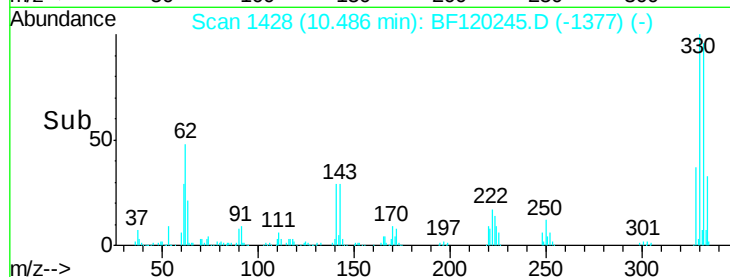
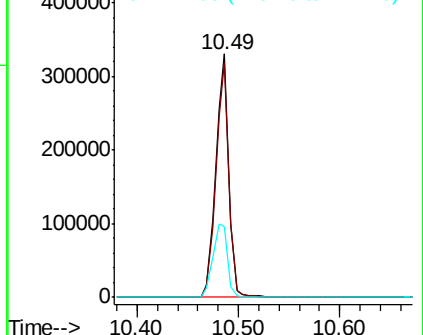
141 34.3 25.4 38.0



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: 91.345 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF120245.D

Acq: 30 Apr 2020 17:55

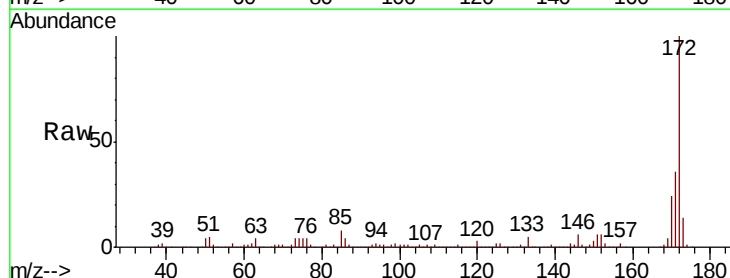
Tgt Ion:172 Resp: 1197100

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

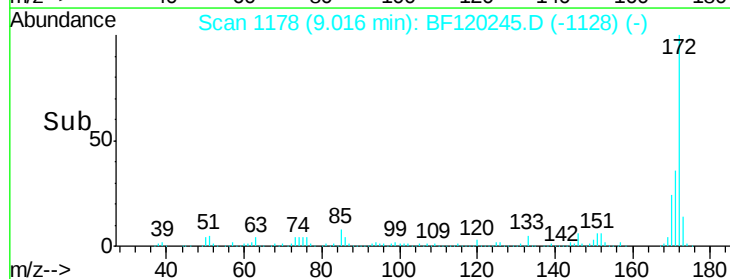
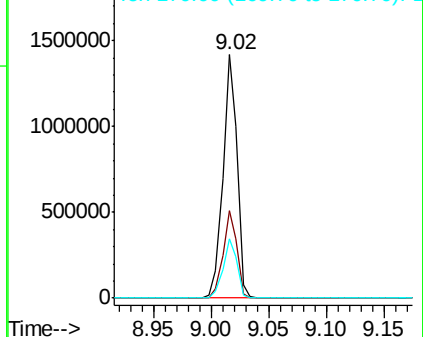
170 24.2 20.2 30.2

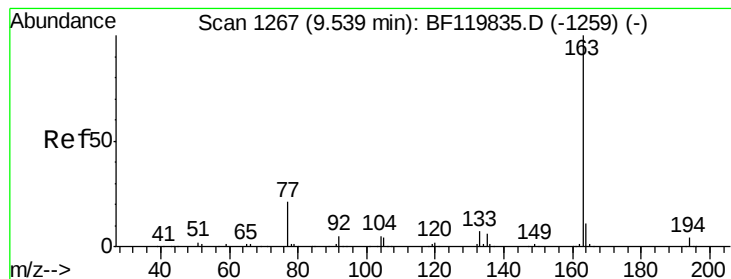


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.076 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF120245.D

Acq: 30 Apr 2020 17:55

Instrument :

BNA_F

ClientSampleId :

MW-1

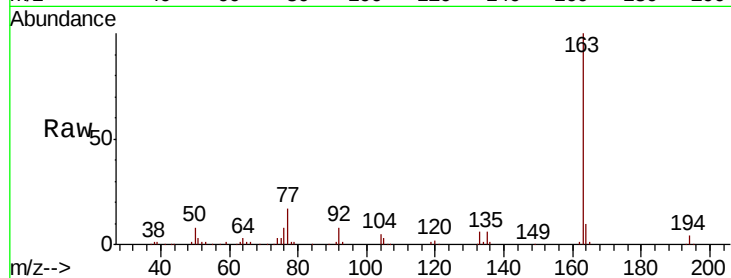
Tot Ion:163 Resp: 116224

Ion Ratio Lower Upper

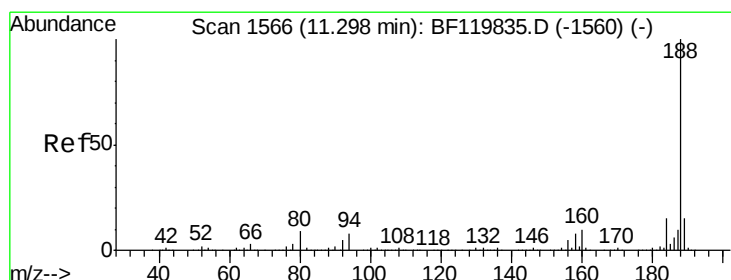
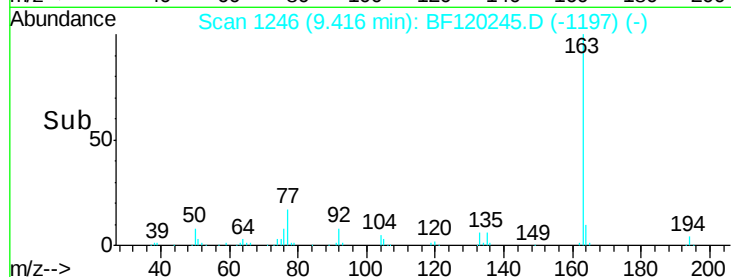
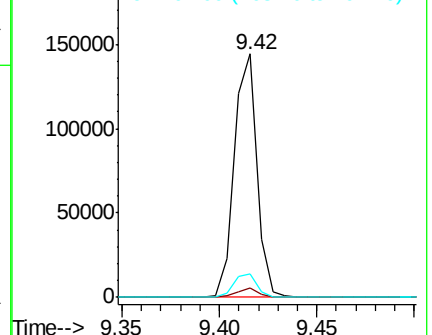
163 100

194 3.9 3.1 4.7

164 9.6 8.2 12.2



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: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF120245.D

Acq: 30 Apr 2020 17:55

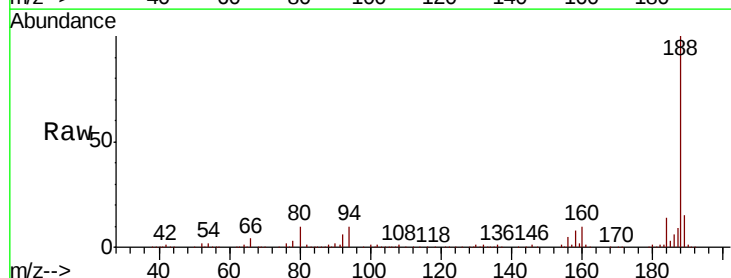
Tgt Ion:188 Resp: 359021

Ion Ratio Lower Upper

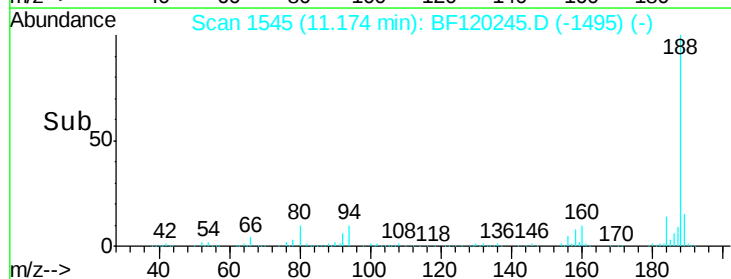
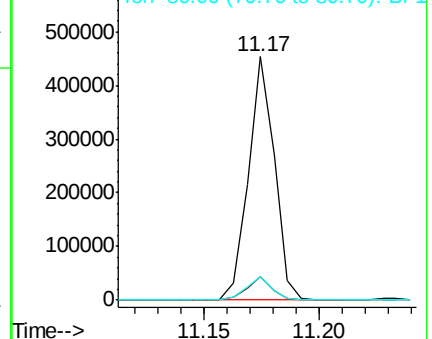
188 100

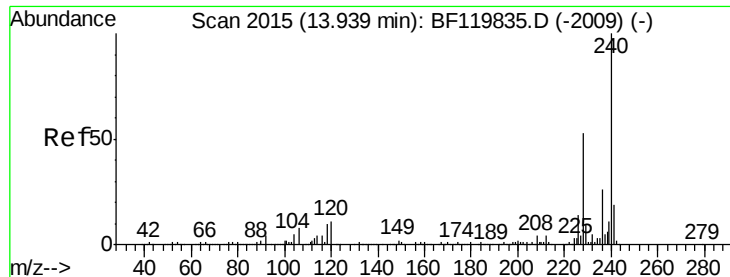
94 9.7 7.5 11.3

80 9.8 9.0 13.4



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

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF120245.D

Acq: 30 Apr 2020 17:55

Instrument :

BNA_F

ClientSampleId :

MW-1

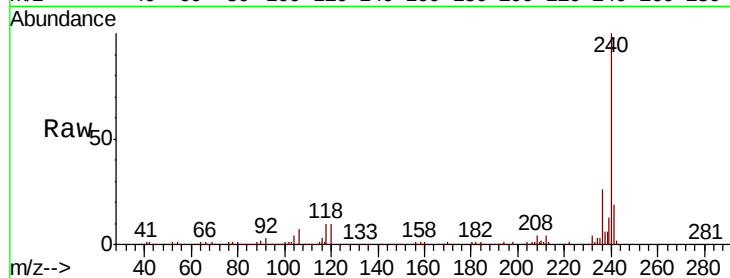
Tot Ion:240 Resp: 305136

Ion Ratio Lower Upper

240 100

120 10.3 10.6 15.8#

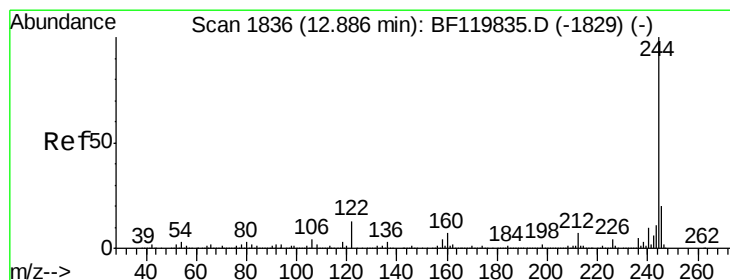
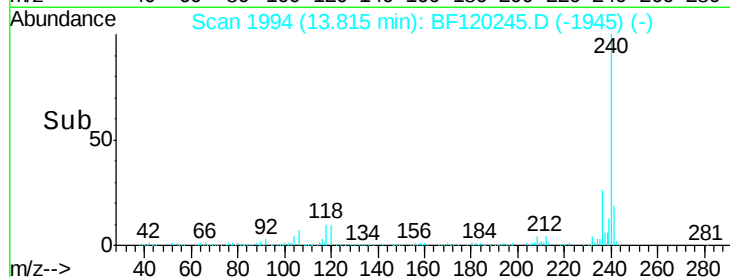
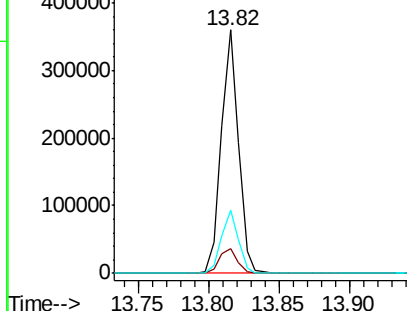
236 26.1 20.2 30.2



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: 86.144 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120245.D

Acq: 30 Apr 2020 17:55

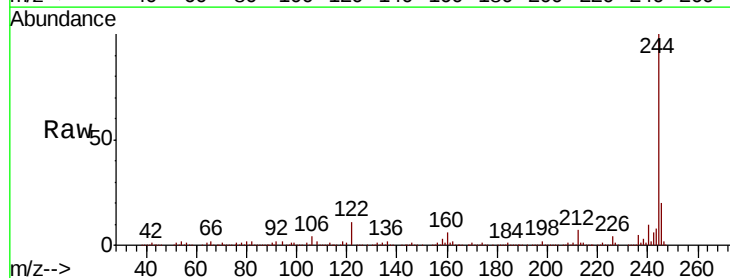
Tgt Ion:244 Resp: 1562162

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

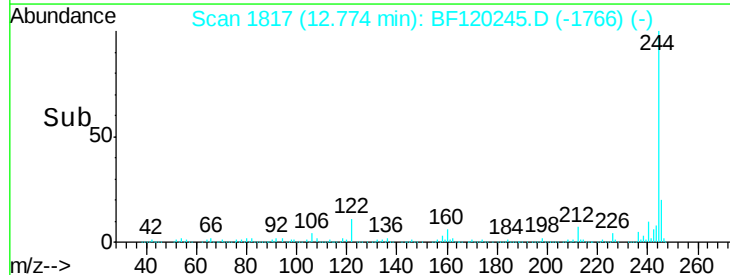
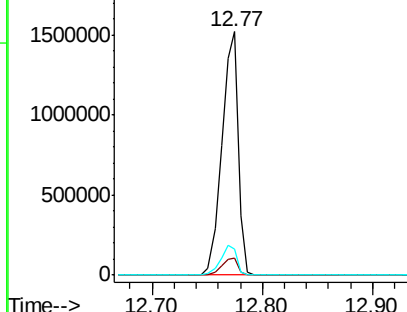
122 10.9 10.3 15.5

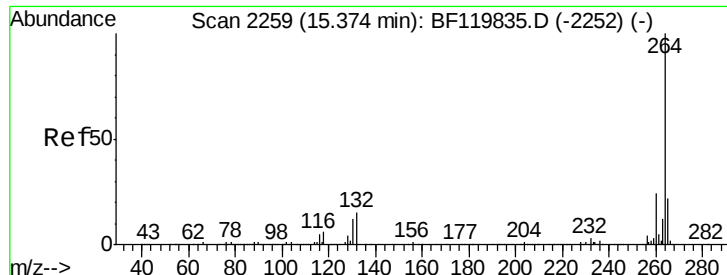


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

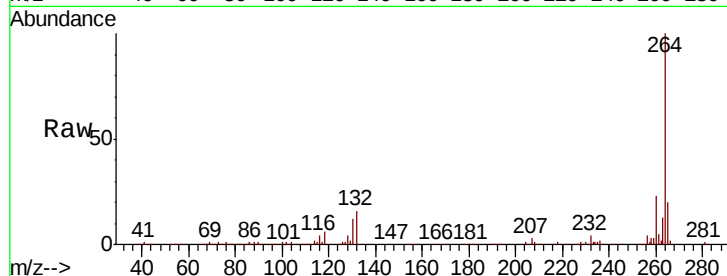




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF120245.D
 Acq: 30 Apr 2020 17:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	20.3	17.7	26.5



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

