

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120064.D
 Acq On : 17 Apr 2020 17:31
 Operator : MA/SJ
 Sample : L2271-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BG-1

Quant Time: Apr 18 03:16:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 10:51:37 2020
 Response via : Initial Calibration

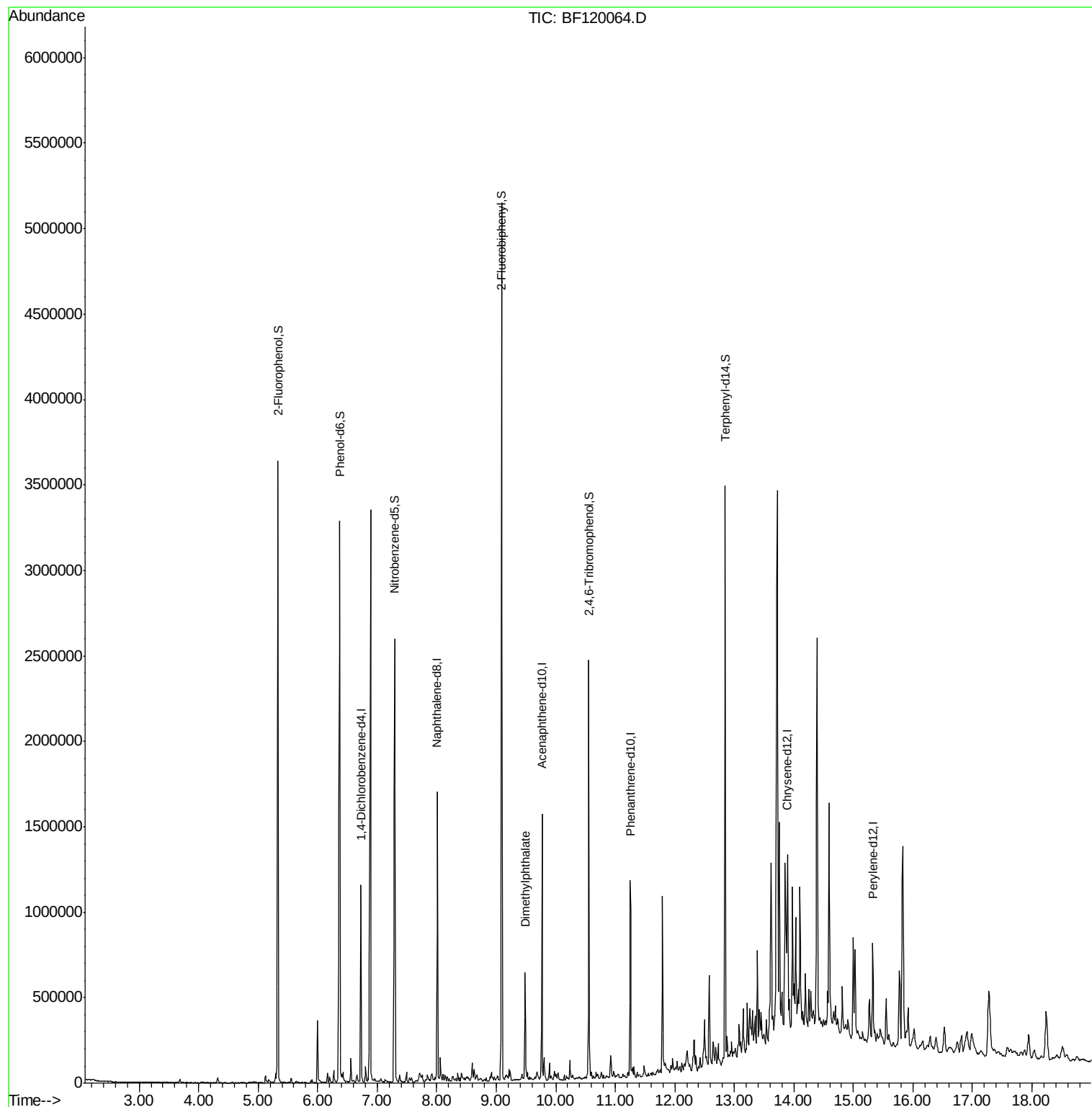
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	164723	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	624393	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	278546	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	421201	20.00	ng	0.00
76) Chrysene-d12	13.90	240	293397	20.00	ng	0.00
87) Perylene-d12	15.33	264	247341	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	962411	100.97	ng	0.00
7) Phenol-d6	6.37	99	1222868	99.57	ng	0.00
23) Nitrobenzene-d5	7.29	82	822859	68.18	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	255395	74.89	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1512956	77.12	ng	0.00
79) Terphenyl-d14	12.84	244	1116774	64.05	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	219130	10.171	ng	Qvalue 98

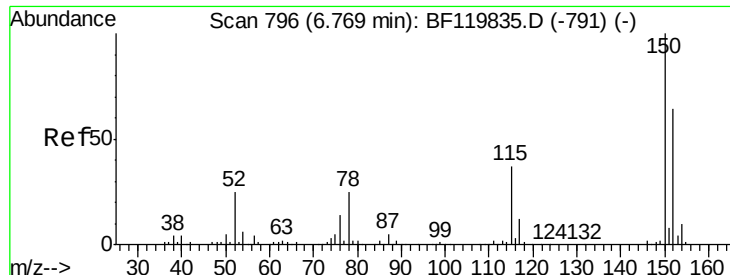
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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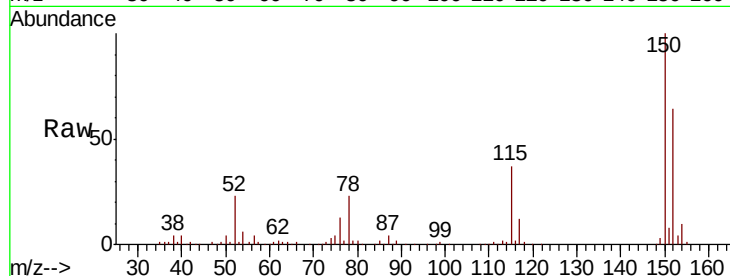


#1

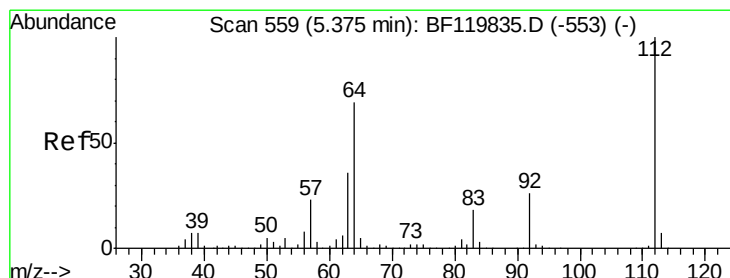
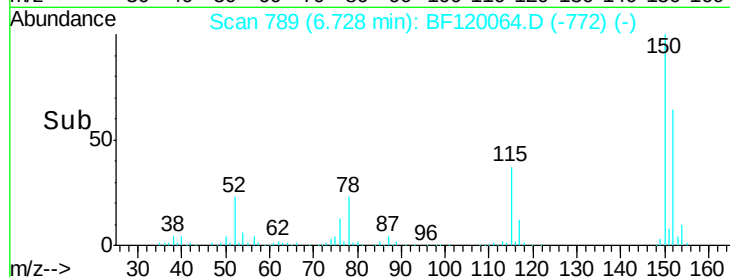
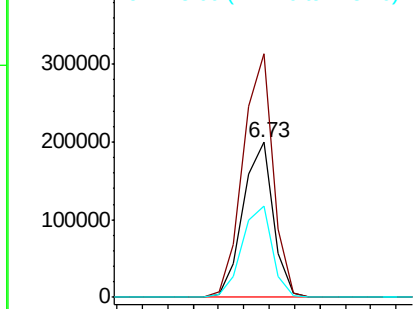
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF120064.D
Acq: 17 Apr 2020 17:31

Instrument :
BNA_F
ClientSampled :
BG-1

Tot Ion:152 Resp: 164723
Ion Ratio Lower Upper
152 100
150 157.0 124.8 187.2
115 58.6 46.5 69.7



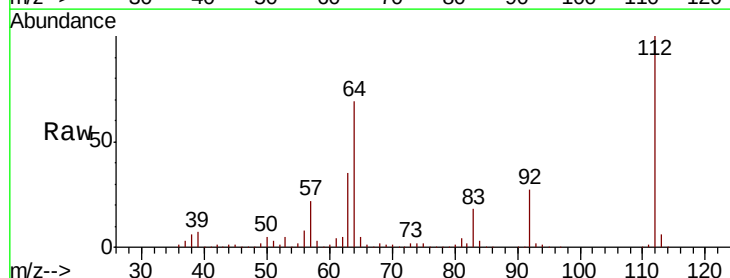
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



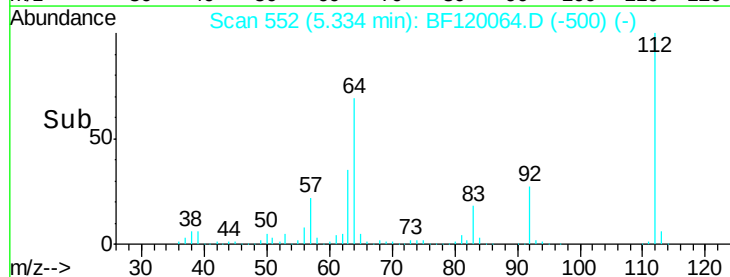
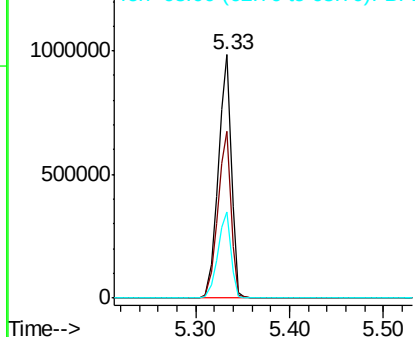
#5

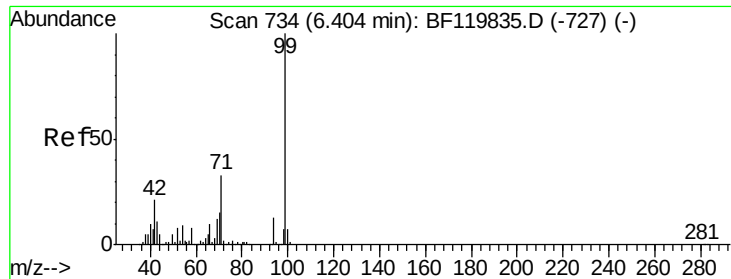
2-Fluorophenol
Concen: 100.971 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF120064.D
Acq: 17 Apr 2020 17:31

Tgt Ion:112 Resp: 962411
Ion Ratio Lower Upper
112 100
64 68.7 55.5 83.3
63 35.4 29.1 43.7



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: 99.567 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF120064.D

Acq: 17 Apr 2020 17:31

Instrument :

BNA_F

ClientSampled :

BG-1

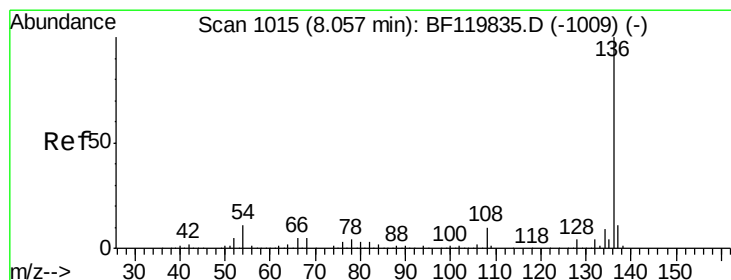
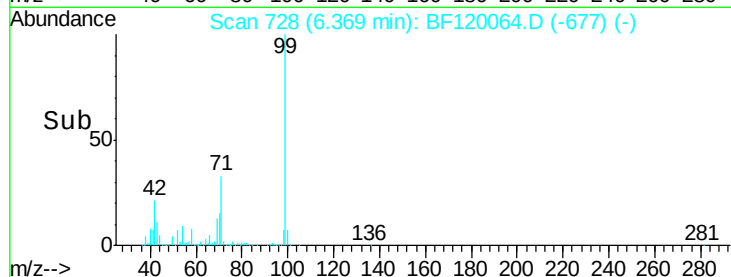
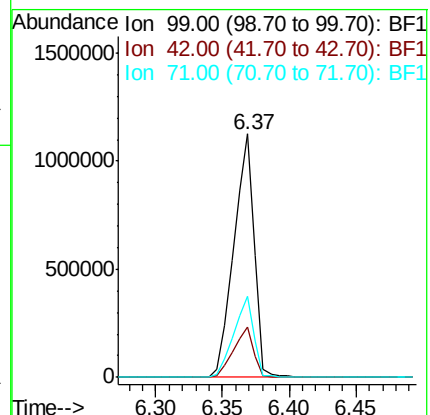
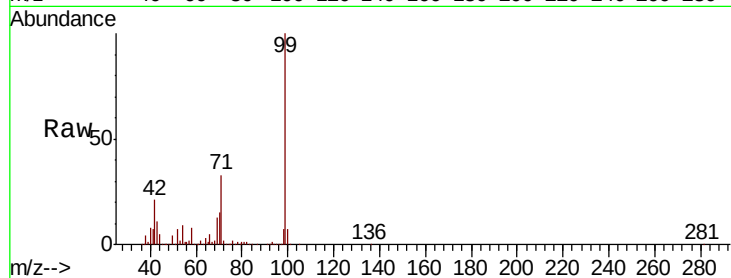
Tot Ion: 99 Resp: 1222868

Ion Ratio Lower Upper

99 100

42 20.6 16.9 25.3

71 33.2 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF120064.D

Acq: 17 Apr 2020 17:31

Tgt Ion: 136 Resp: 624393

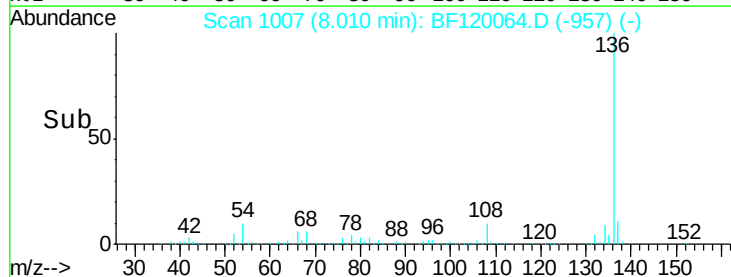
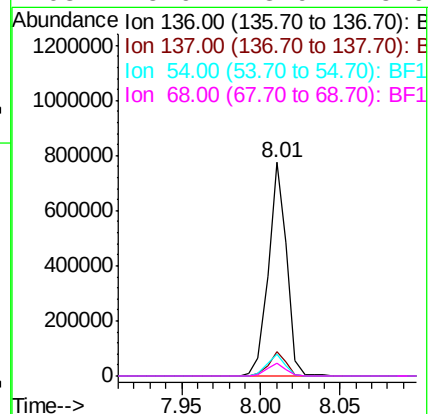
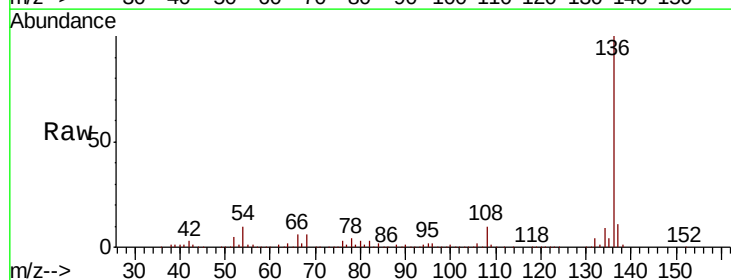
Ion Ratio Lower Upper

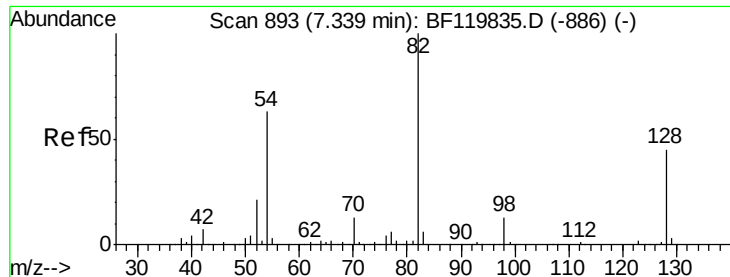
136 100

137 11.3 8.7 13.1

54 10.5 8.5 12.7

68 5.9 3.9 5.9#

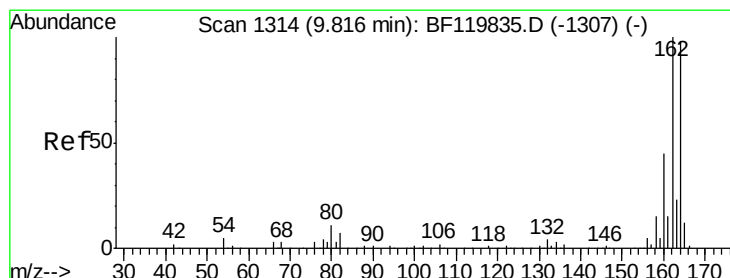
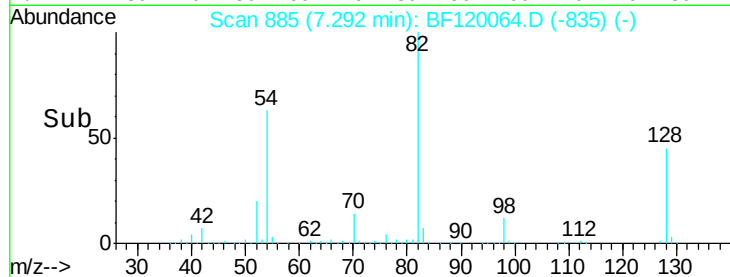
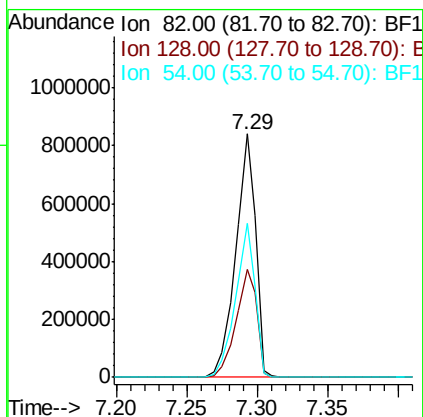
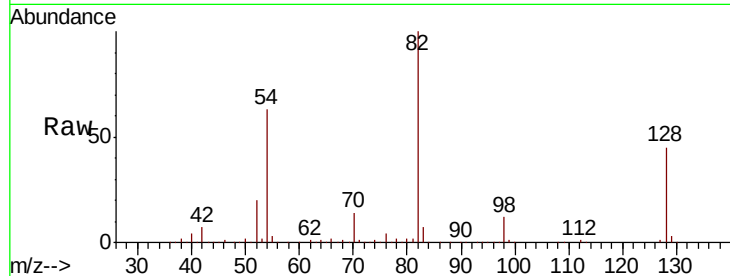




#23
Nitrobenzene-d5
Concen: 68.177 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120064.D
Acq: 17 Apr 2020 17:31

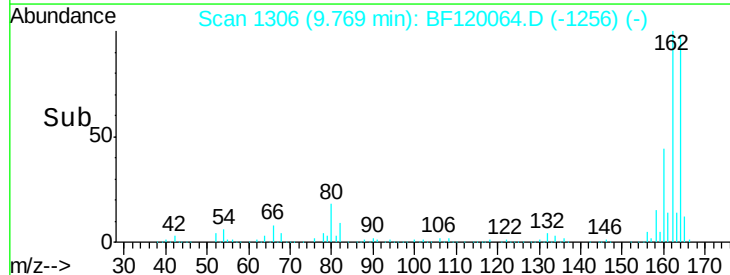
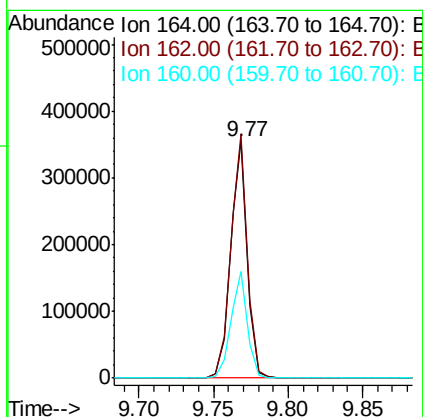
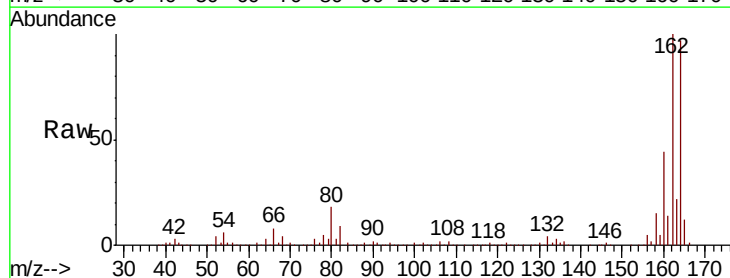
Instrument :
BNA_F
ClientSampleId :
BG-1

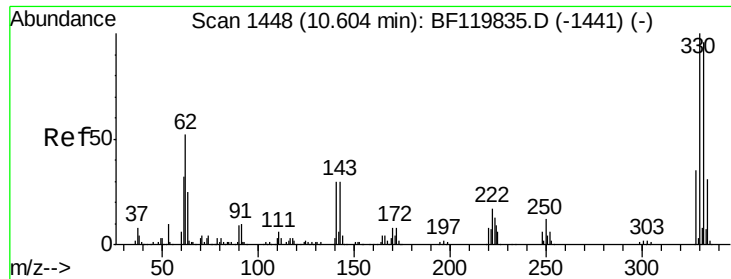
Tot Ion: 82 Resp: 822859
Ion Ratio Lower Upper
82 100
128 44.6 36.2 54.4
54 63.3 50.4 75.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF120064.D
Acq: 17 Apr 2020 17:31

Tgt Ion: 164 Resp: 278546
Ion Ratio Lower Upper
164 100
162 102.7 81.9 122.9
160 45.1 36.6 54.8

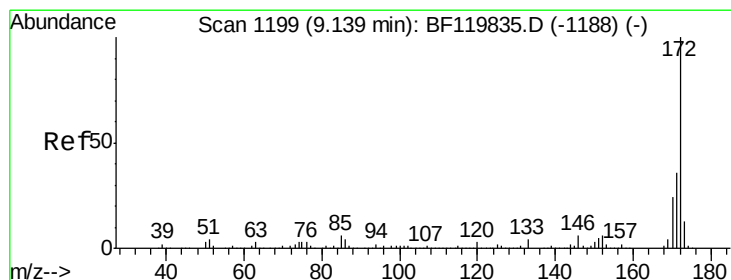
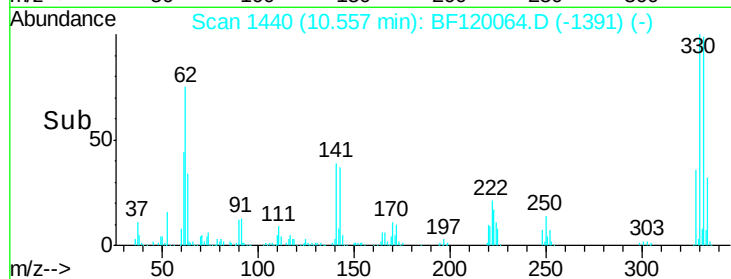
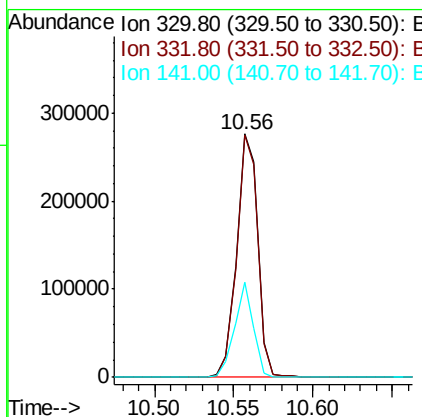
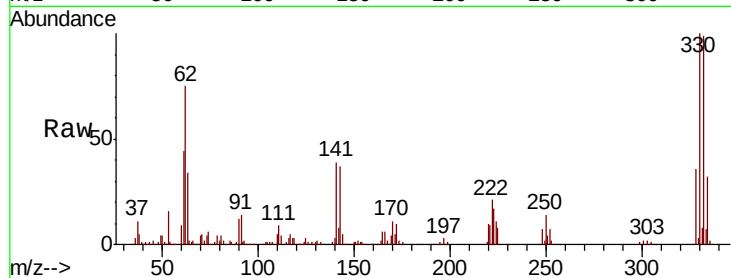




#42
 2,4,6-Tribromophenol
 Concen: 74.888 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF120064.D
 Acq: 17 Apr 2020 17:31

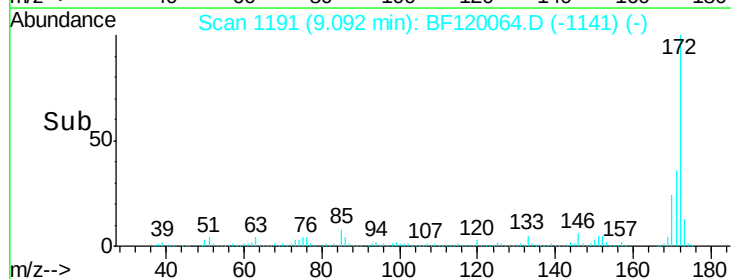
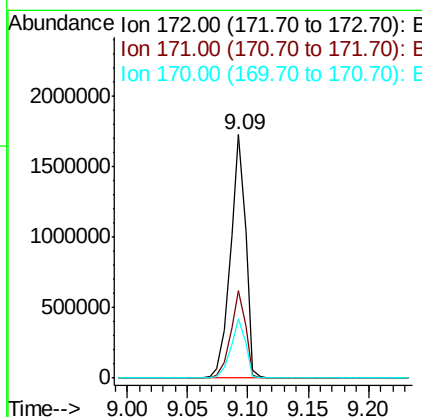
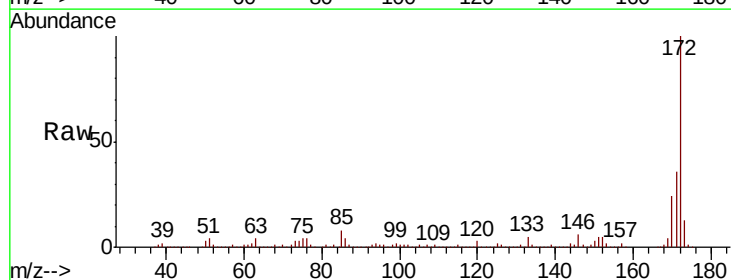
Instrument :
 BNA_F
 ClientSampleId :
 BG-1

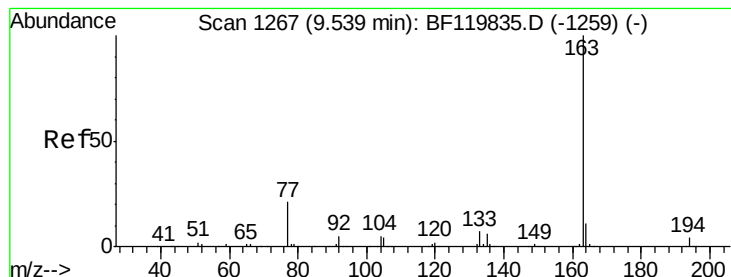
Tot Ion:330 Resp: 255395
 Ion Ratio Lower Upper
 330 100
 332 99.1 76.8 115.2
 141 35.1 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 77.117 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF120064.D
 Acq: 17 Apr 2020 17:31

Tgt Ion:172 Resp: 1512956
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 24.4 19.4 29.2





#50

Dimethylphthalate

Concen: 10.171 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BF120064.D

Acq: 17 Apr 2020 17:31

Instrument :

BNA_F

ClientSampleId :

BG-1

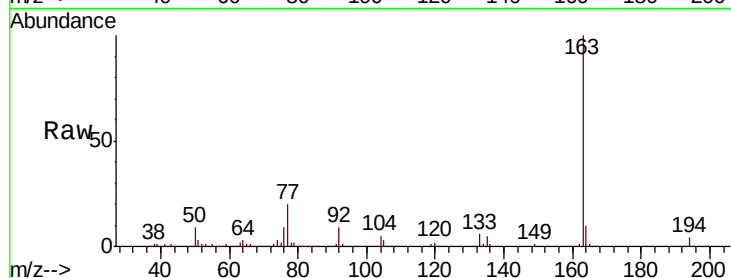
Tot Ion:163 Resp: 219130

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

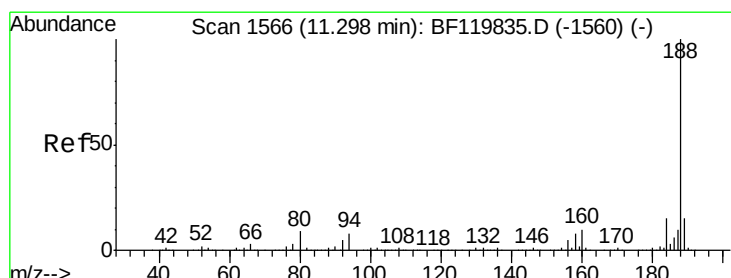
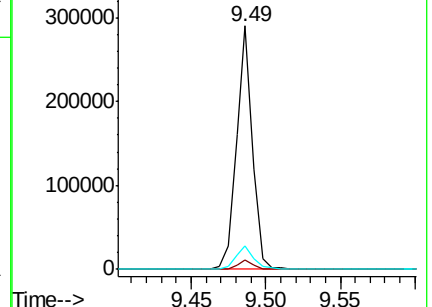
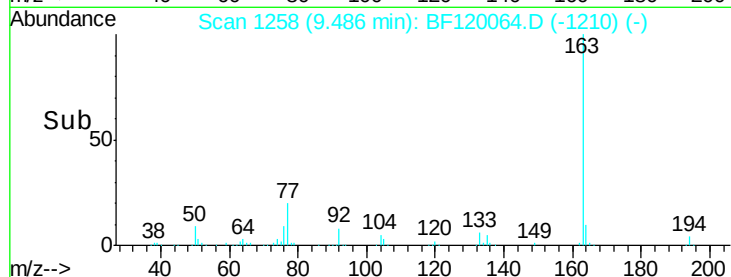
164 9.7 8.4 12.6



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: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF120064.D

Acq: 17 Apr 2020 17:31

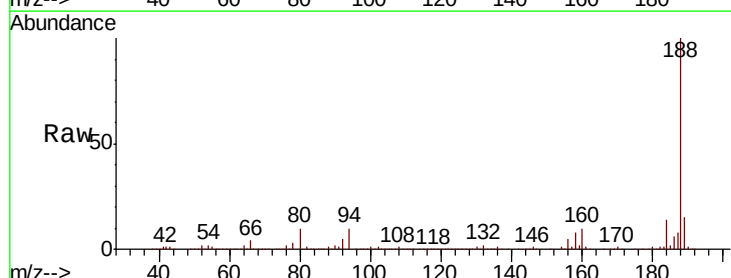
Tgt Ion:188 Resp: 421201

Ion Ratio Lower Upper

188 100

94 9.5 6.7 10.1

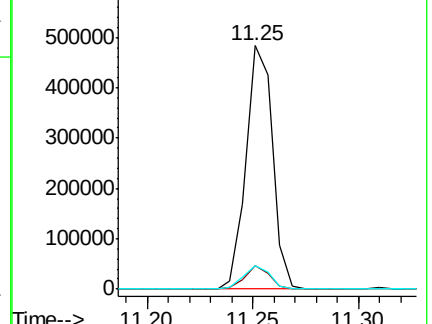
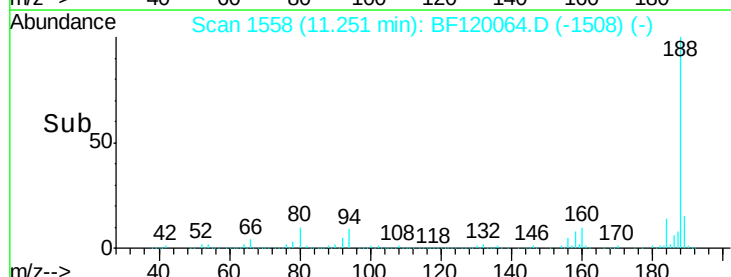
80 9.9 7.4 11.2

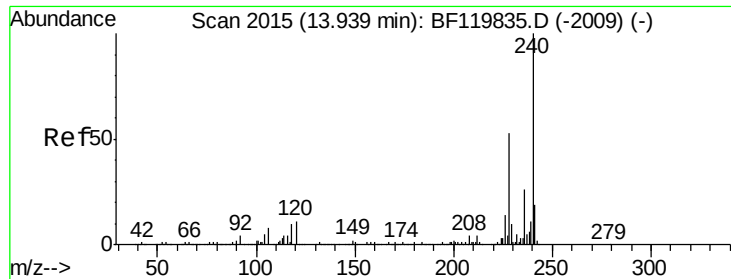


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

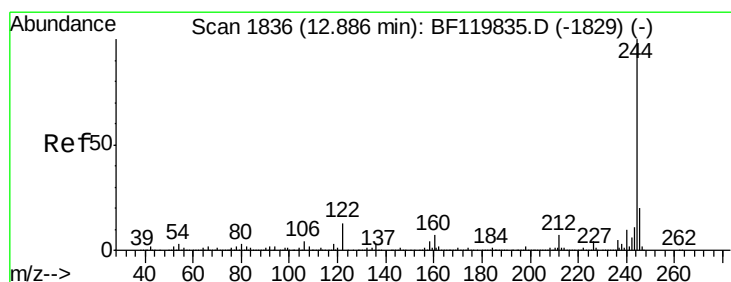
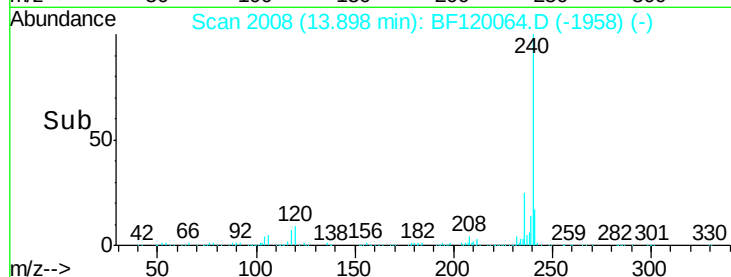
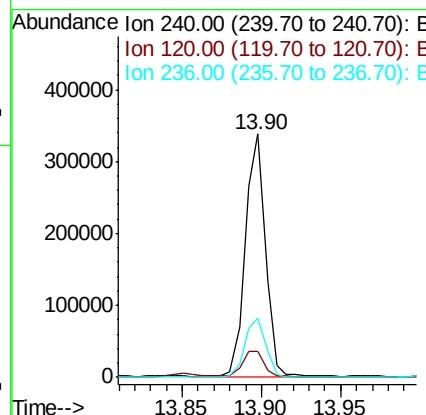
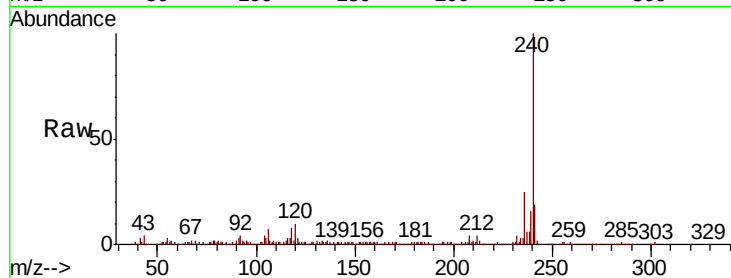




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF120064.D
 Acq: 17 Apr 2020 17:31

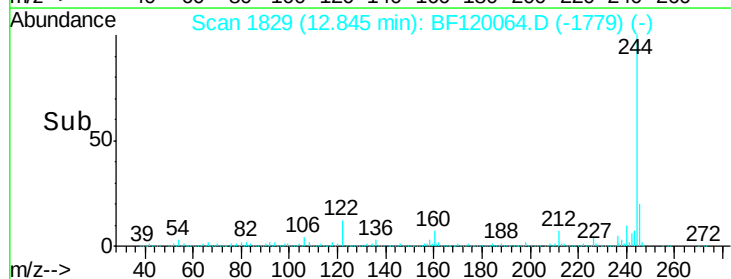
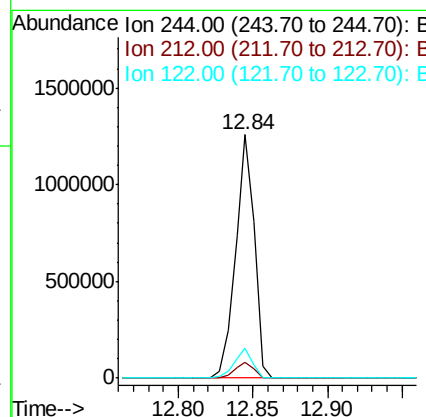
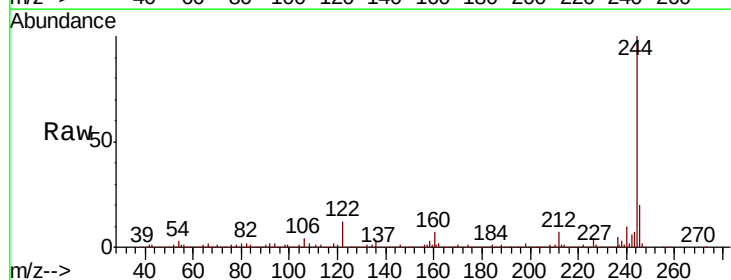
Instrument :
 BNA_F
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 BG-1

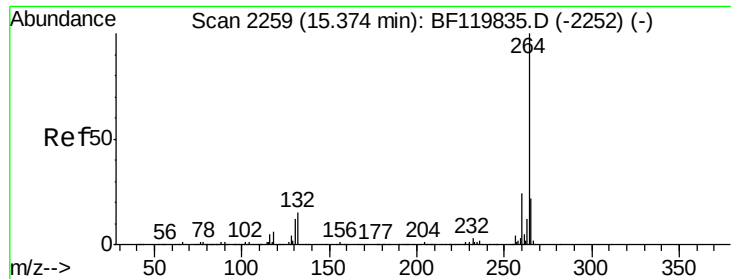
Tot Ion:240 Resp: 293397
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.0 13.6
 236 24.6 20.7 31.1



#79
 Terphenyl-d14
 Concen: 64.048 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF120064.D
 Acq: 17 Apr 2020 17:31

Tgt Ion:244 Resp: 1116774
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.3 10.3 15.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.00 min
Lab File: BF120064.D
Acq: 17 Apr 2020 17:31

Instrument :
BNA_F
ClientSampleId :
BG-1

Tot Ion: 264 Resp: 247341

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.6	17.6	26.4

