

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120212.D
 Acq On : 27 Apr 2020 12:12
 Operator : MA/SJ
 Sample : PB128485BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BL

Quant Time: Apr 27 12:43:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	126646	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	481296	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	247309	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	488028	20.00	ng	0.00
76) Chrysene-d12	13.83	240	416911	20.00	ng	-0.01
87) Perylene-d12	15.23	264	402216	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1130000	154.20	ng	0.00
7) Phenol-d6	6.32	99	1421843	150.57	ng	0.00
23) Nitrobenzene-d5	7.23	82	903793	97.15	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	390424	128.94	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1725036	99.03	ng	0.00
79) Terphenyl-d14	12.78	244	2039380	82.31	ng	0.00

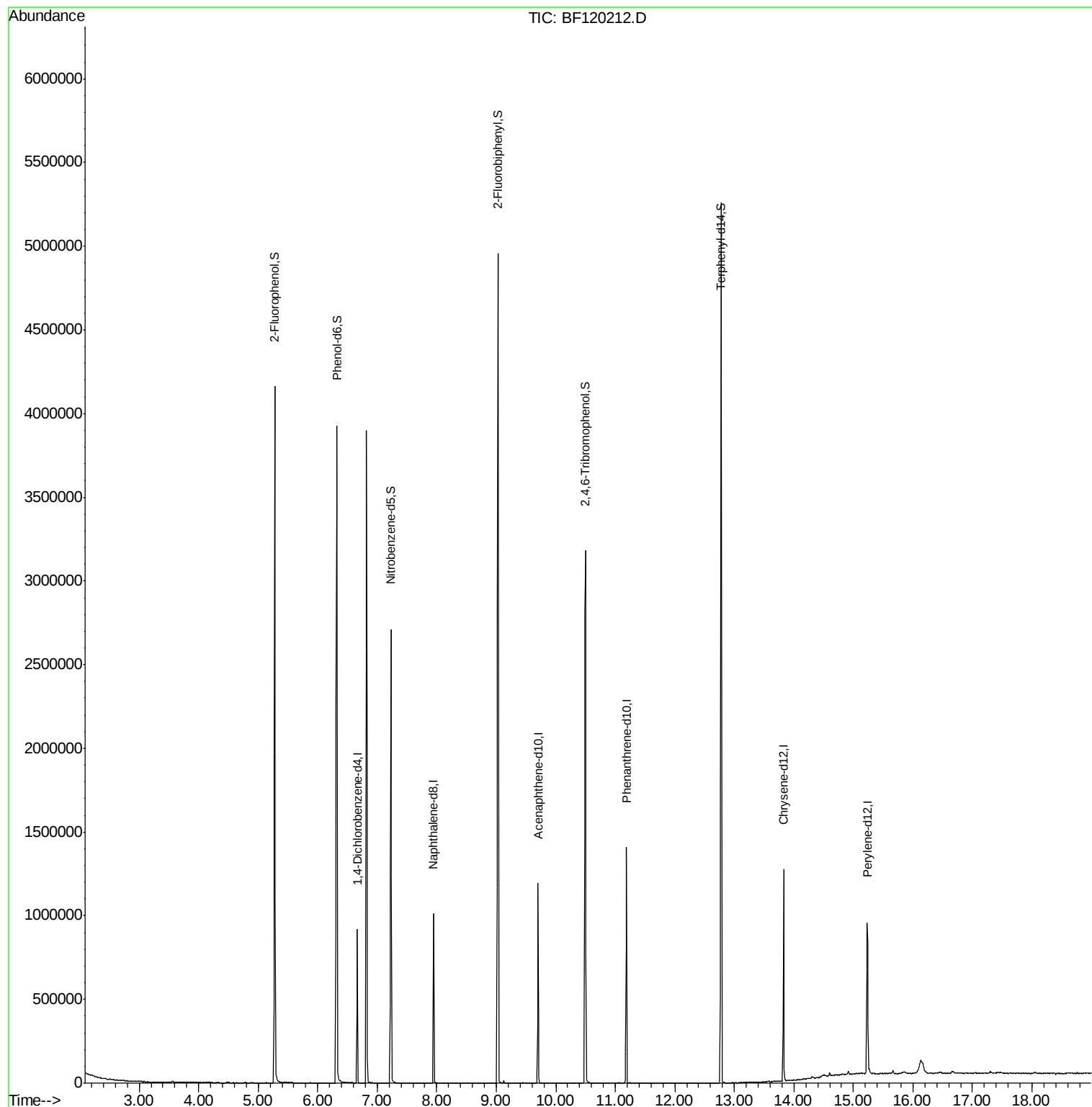
Target Compounds Qvalue

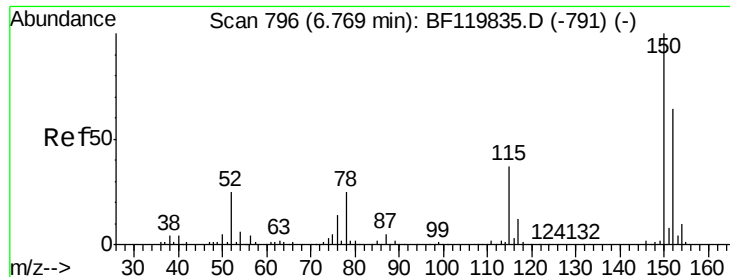
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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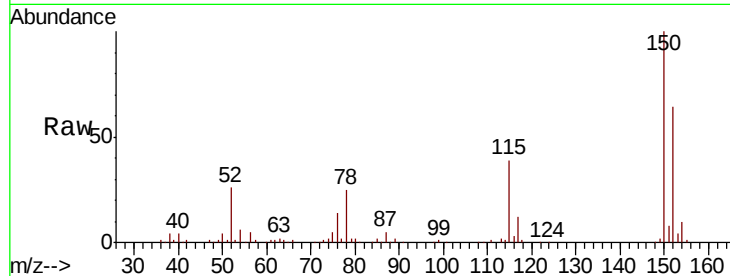


#1

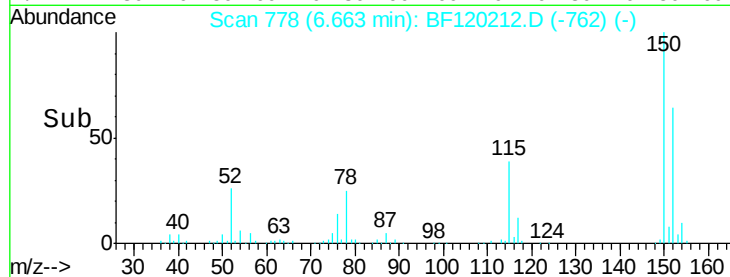
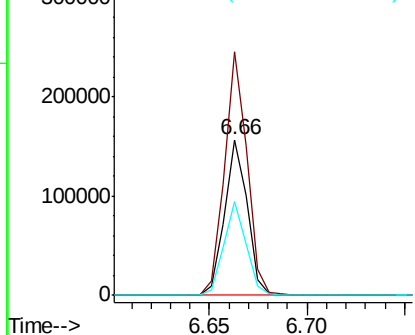
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120212.D
Acq: 27 Apr 2020 12:12

Instrument :
BNA_F
ClientSampleId :
PB128485BL

Tot Ion:152 Resp: 126646
Ion Ratio Lower Upper
152 100
150 156.5 124.5 186.7
115 60.3 49.6 74.4



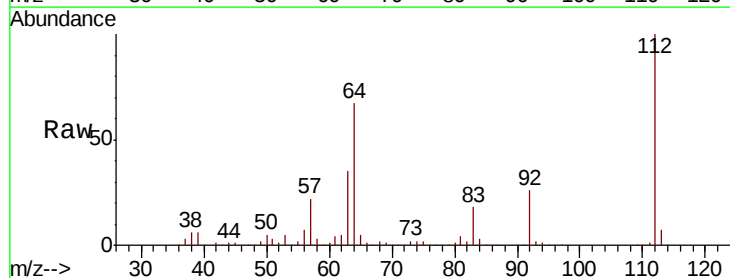
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



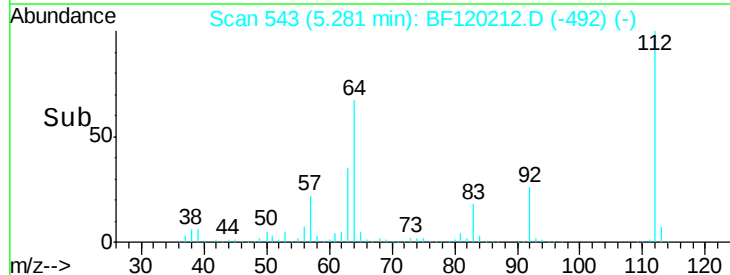
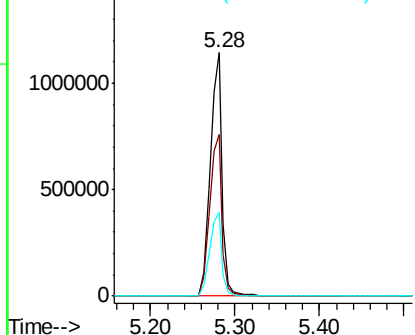
#5

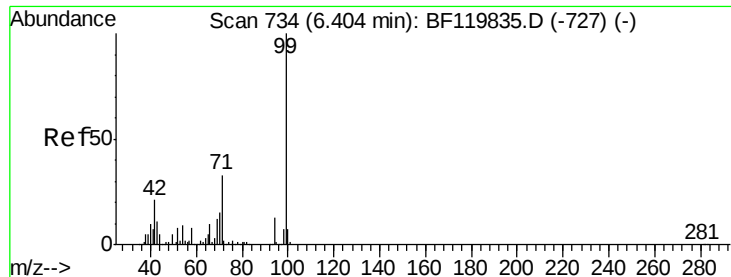
2-Fluorophenol
Concen: 154.197 ng
RT: 5.28 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF120212.D
Acq: 27 Apr 2020 12:12

Tgt Ion:112 Resp: 1130000
Ion Ratio Lower Upper
112 100
64 66.6 56.7 85.1
63 34.6 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: 150.574 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120212.D

Acq: 27 Apr 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB128485BL

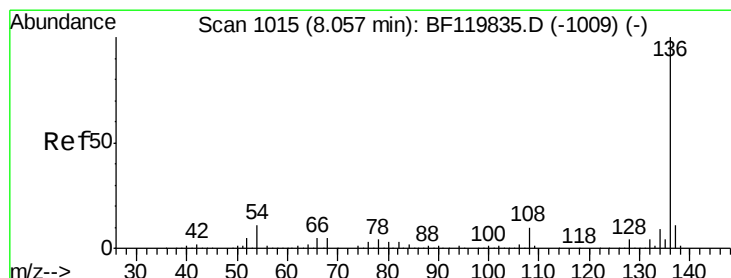
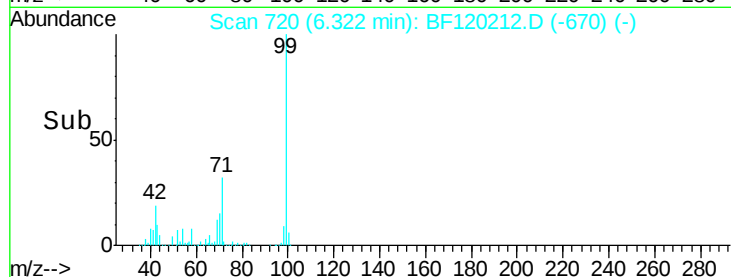
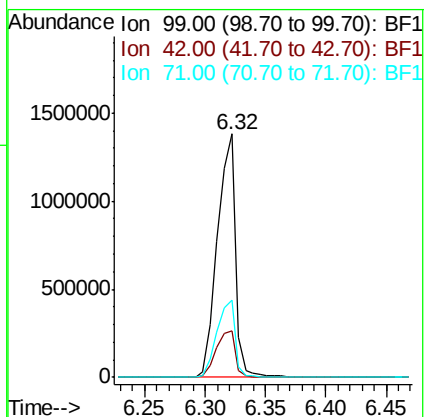
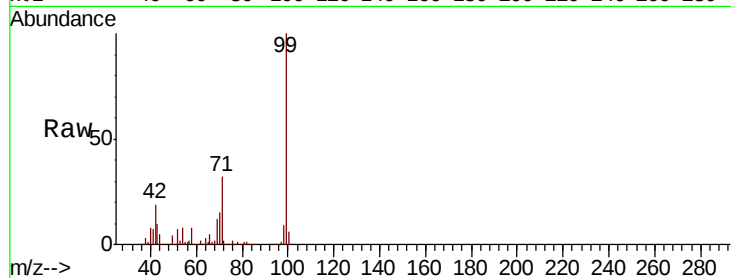
Tot Ion: 99 Resp: 1421843

Ion Ratio Lower Upper

99 100

42 19.2 16.6 24.8

71 31.8 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF120212.D

Acq: 27 Apr 2020 12:12

Tgt Ion: 136 Resp: 481296

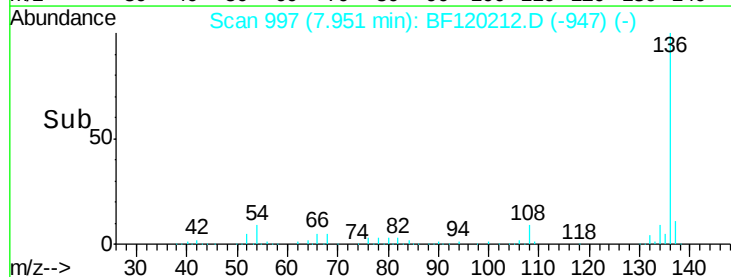
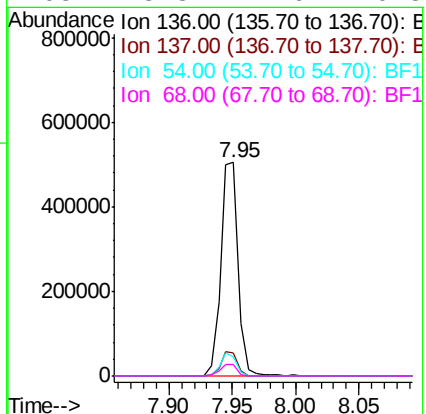
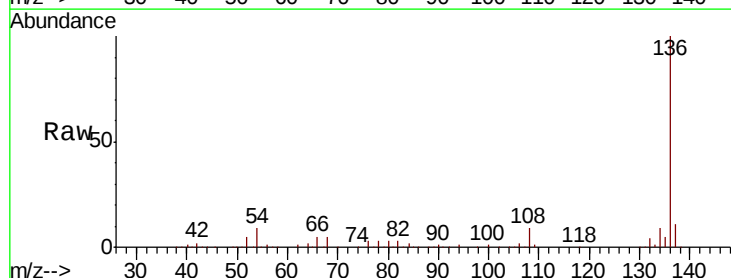
Ion Ratio Lower Upper

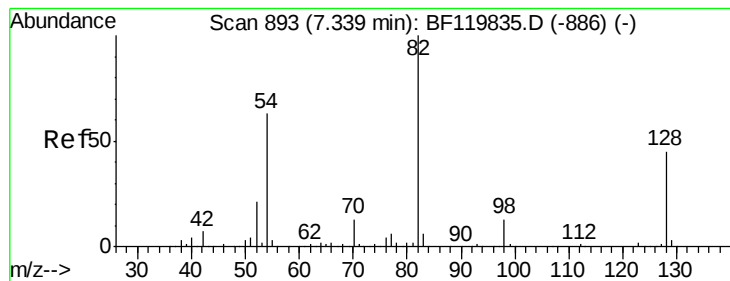
136 100

137 10.9 8.7 13.1

54 9.1 9.1 13.7#

68 5.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 97.147 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF120212.D

Acq: 27 Apr 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB128485BL

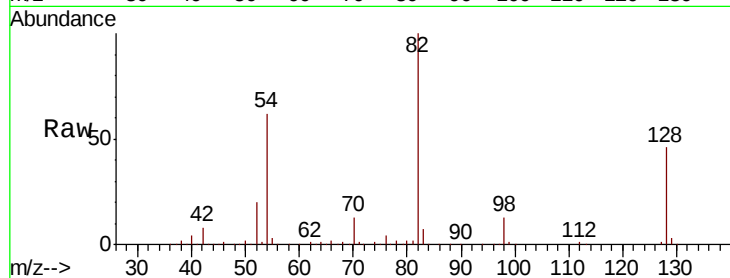
Tot Ion: 82 Resp: 903793

Ion Ratio Lower Upper

82 100

128 46.0 36.3 54.5

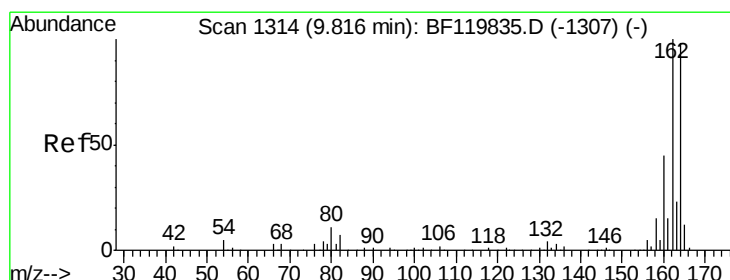
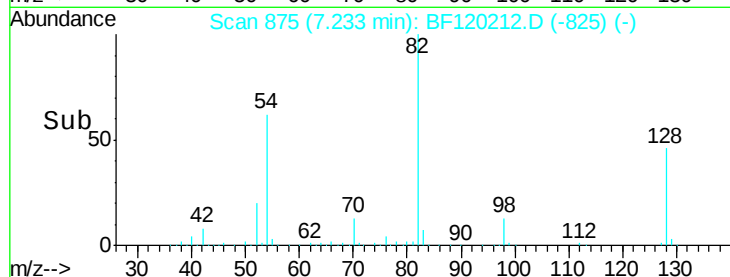
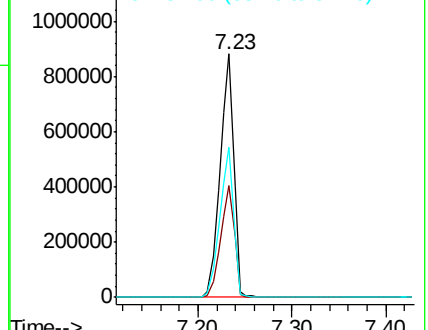
54 61.5 50.6 75.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF120212.D

Acq: 27 Apr 2020 12:12

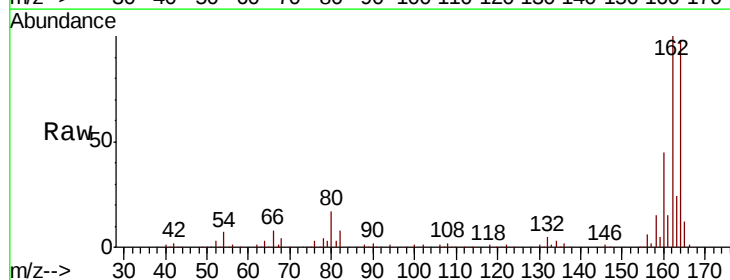
Tgt Ion:164 Resp: 247309

Ion Ratio Lower Upper

164 100

162 101.8 80.6 121.0

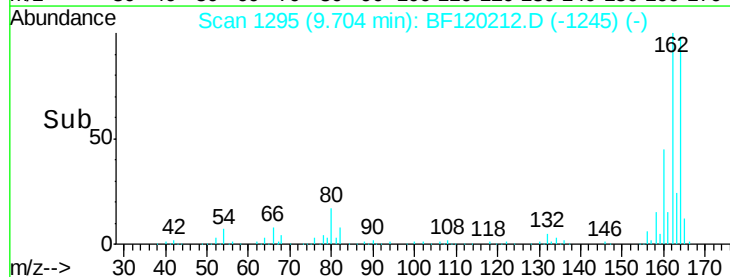
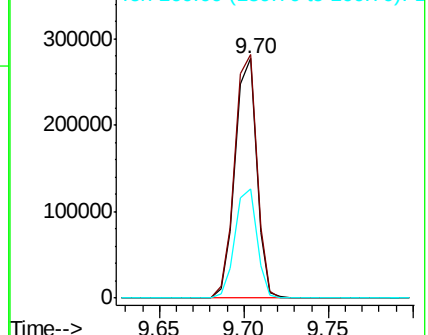
160 45.6 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

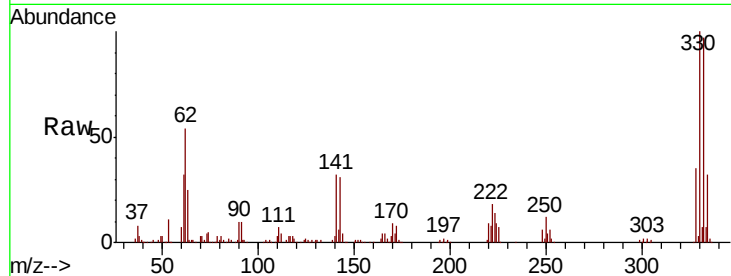




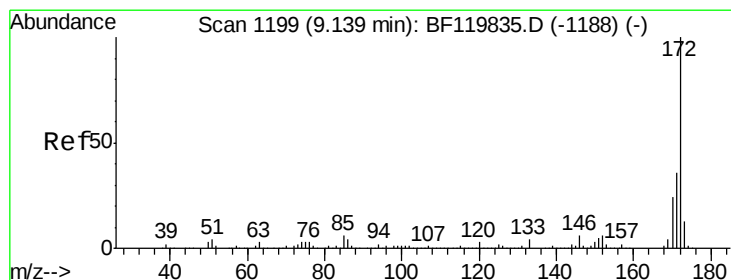
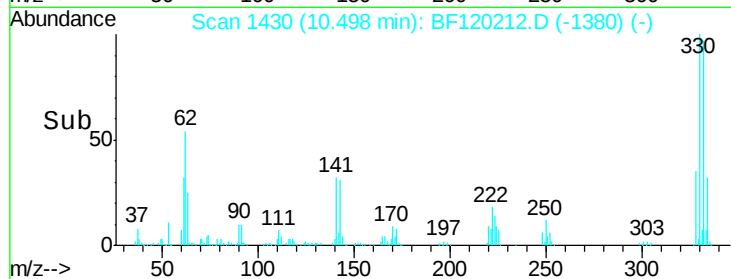
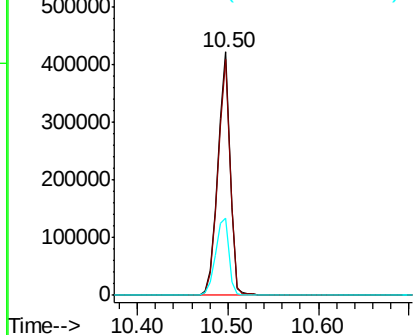
#42
 2,4,6-Tribromophenol
 Concen: 128.942 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF120212.D
 Acq: 27 Apr 2020 12:12

Instrument :
 BNA_F
 ClientSampled :
 PB128485BL

Tot Ion:330 Resp: 390424
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.7 113.5
 141 34.8 25.4 38.0

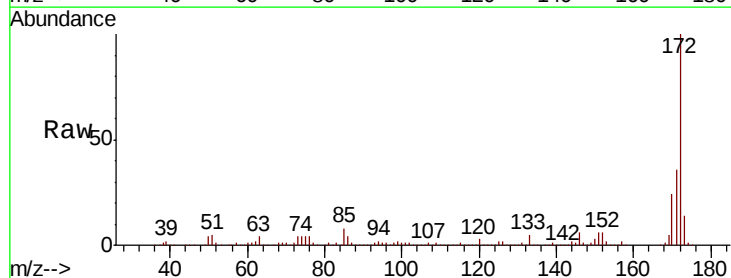


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

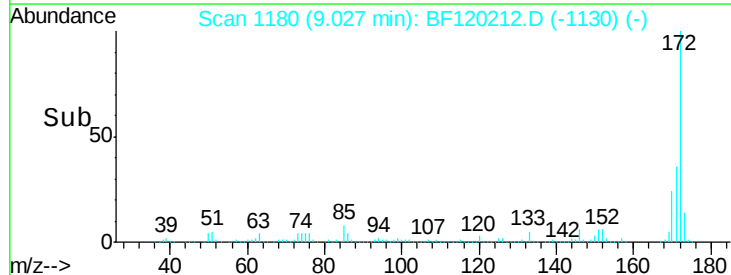
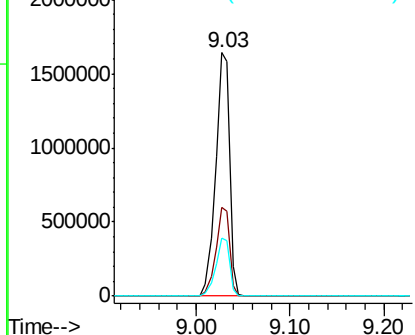


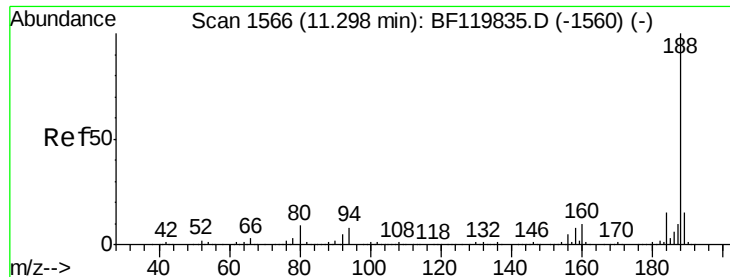
#45
 2-Fluorobiphenyl
 Concen: 99.033 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120212.D
 Acq: 27 Apr 2020 12:12

Tgt Ion:172 Resp: 1725036
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.0 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

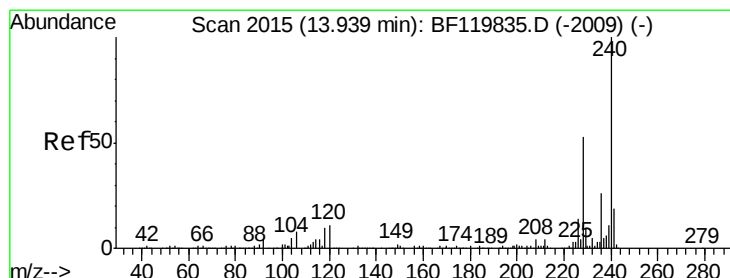
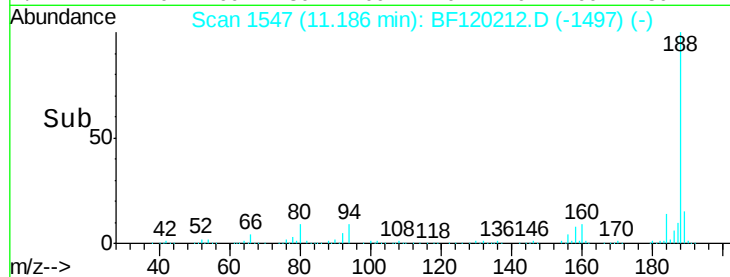
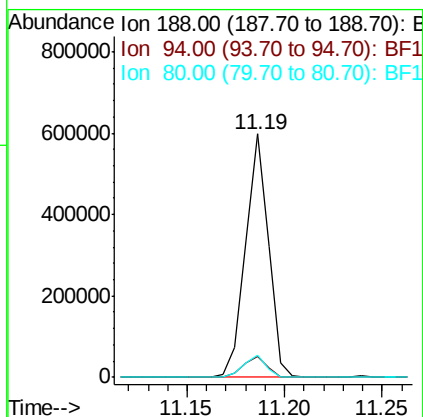
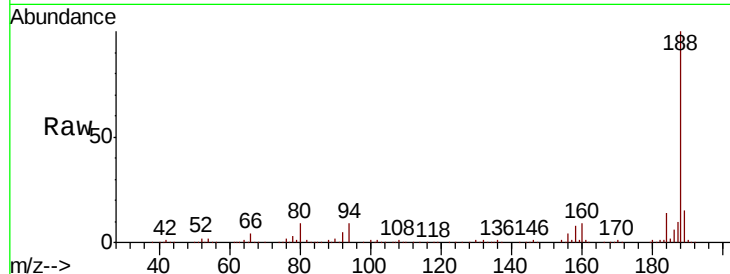




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF120212.D
Acq: 27 Apr 2020 12:12

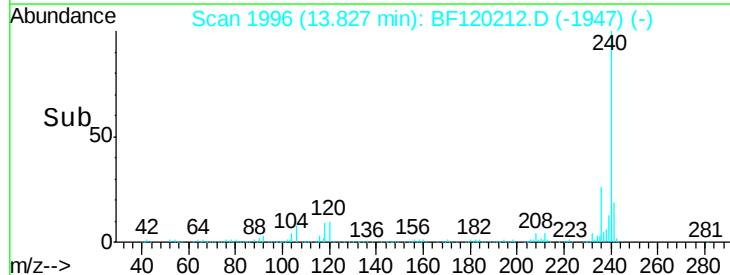
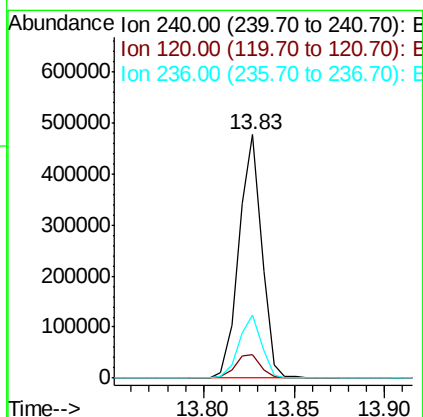
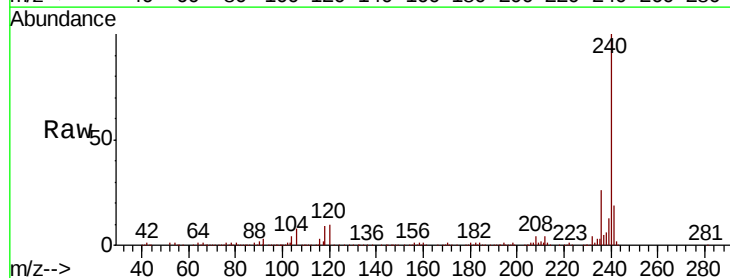
Instrument :
BNA_F
ClientSampleId :
PB128485BL

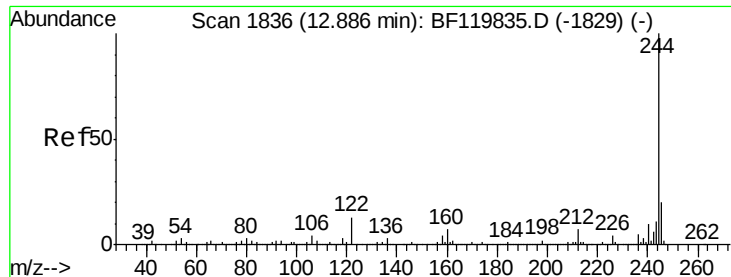
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	9.3	9.0	13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF120212.D
Acq: 27 Apr 2020 12:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	10.6	15.8#
236	25.7	20.2	30.2





#79

Terphenyl-d14

Concen: 82.309 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF120212.D

Acq: 27 Apr 2020 12:12

Instrument :

BNA_F

ClientSampleId :

PB128485BL

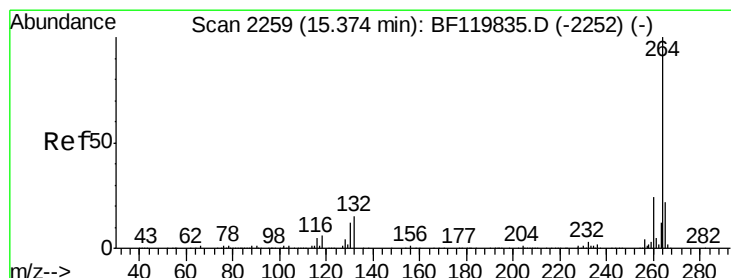
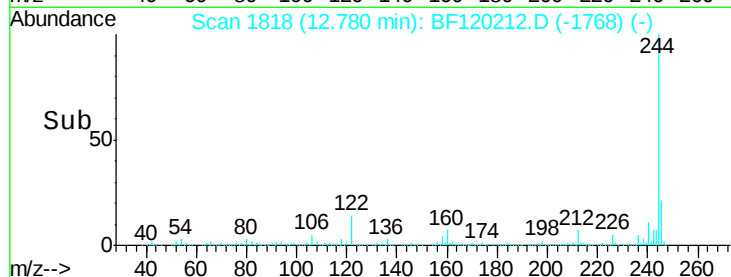
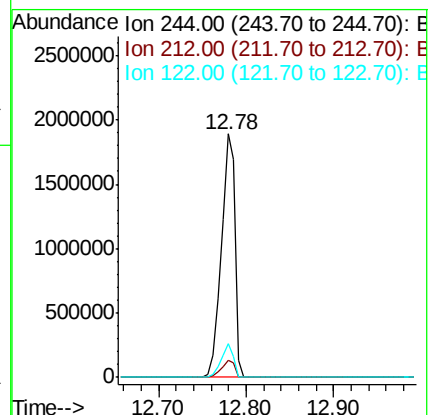
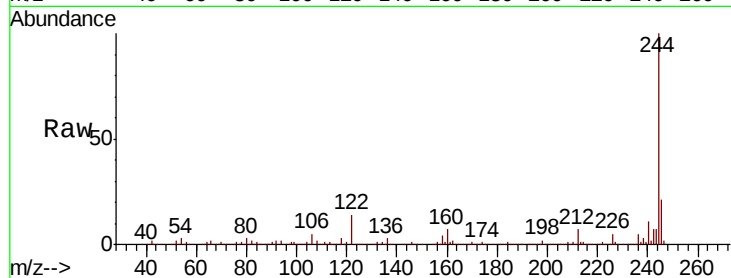
Tot Ion:244 Resp: 2039380

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 13.9 10.3 15.5



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF120212.D

Acq: 27 Apr 2020 12:12

Tgt Ion:264 Resp: 402216

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

265 21.5 17.7 26.5

