

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120801.D
 Acq On : 7 Jul 2020 23:37
 Operator : JU/CG
 Sample : PB130002TB
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130002TB

Quant Time: Jul 08 03:27:10 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	150755	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	580591	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	290571	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	536073	20.00	ng	0.00
76) Chrysene-d12	14.00	240	363181	20.00	ng	0.00
86) Perylene-d12	15.46	264	286848	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1144894	117.23	ng	0.00
7) Phenol-d6	6.47	99	1405017	112.66	ng	0.00
23) Nitrobenzene-d5	7.41	82	878485	87.66	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	328579	112.56	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1516573	78.96	ng	0.00
79) Terphenyl-d14	12.96	244	1733373	93.45	ng	0.00

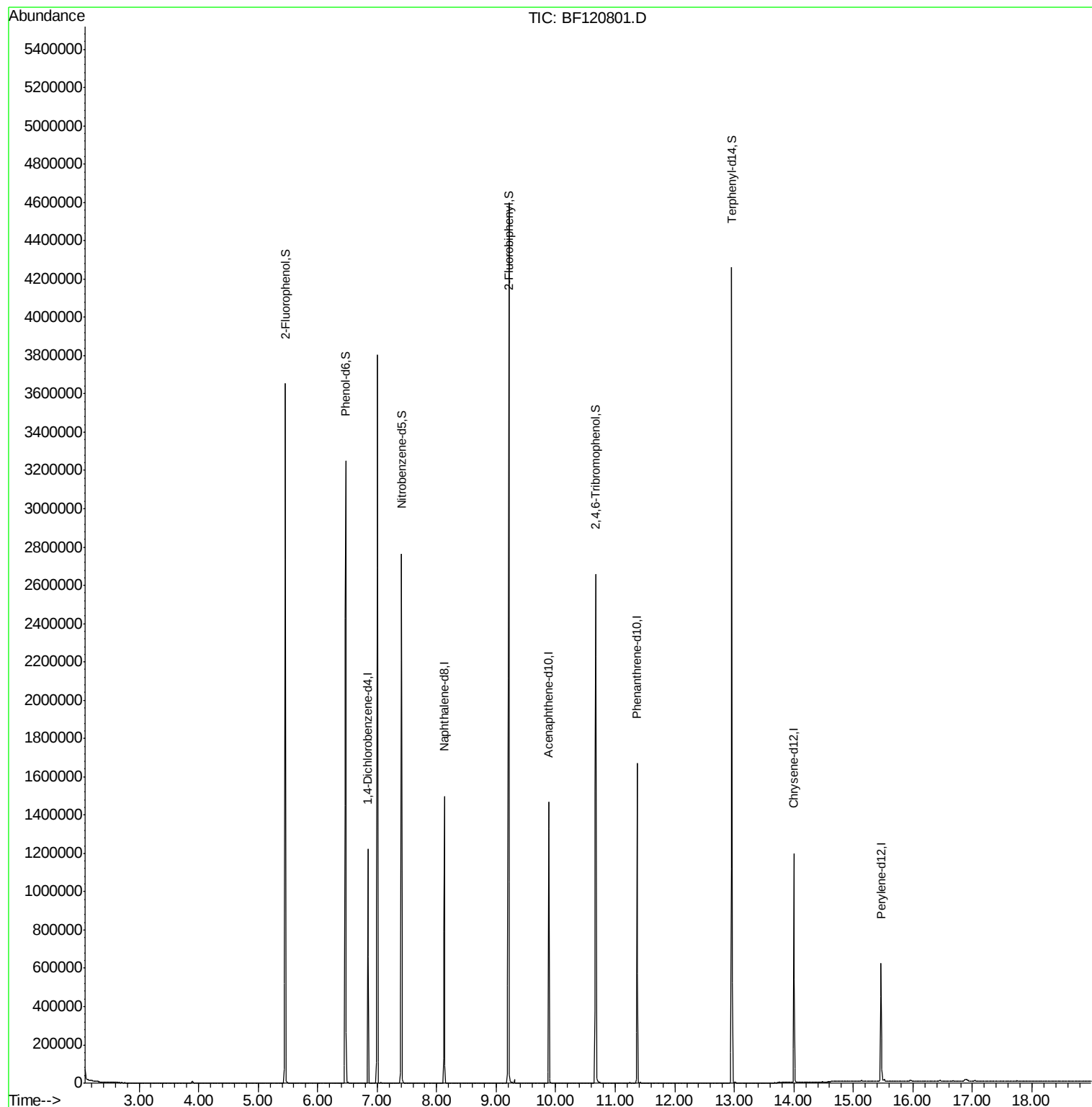
Target Compounds Qvalue

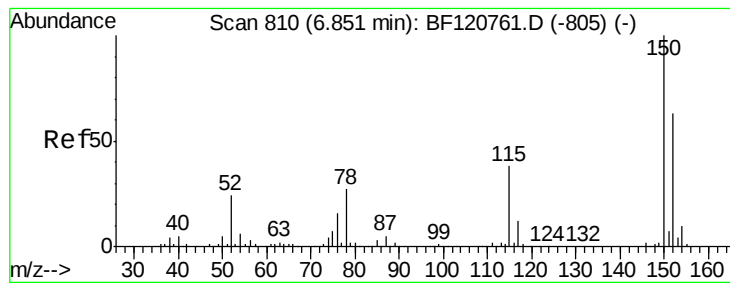
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
Data File : BF120801.D
Acq On : 7 Jul 2020 23:37
Operator : JU/CG
Sample : PB130002TB
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130002TB

Quant Time: Jul 08 03:27:10 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF120801.D

Acq: 7 Jul 2020 23:37

Instrument :

BNA_F

ClientSampleId :

PB130002TB

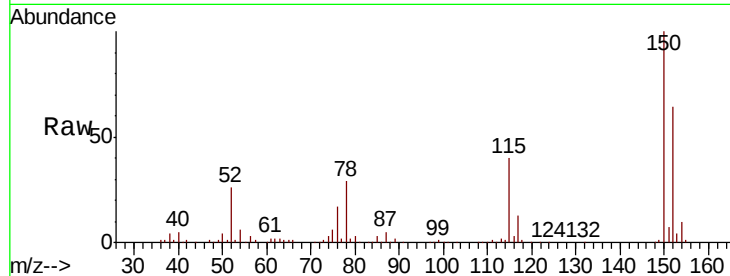
Tot Ion:152 Resp: 150755

Ion Ratio Lower Upper

152 100

150 157.3 126.1 189.1

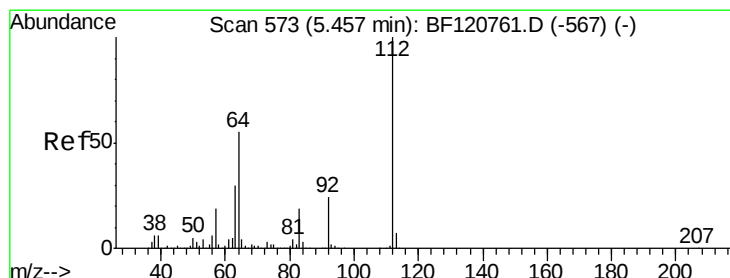
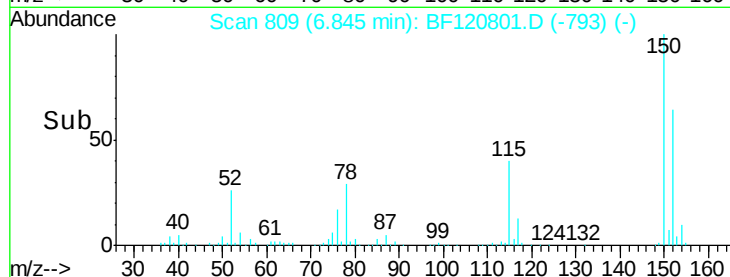
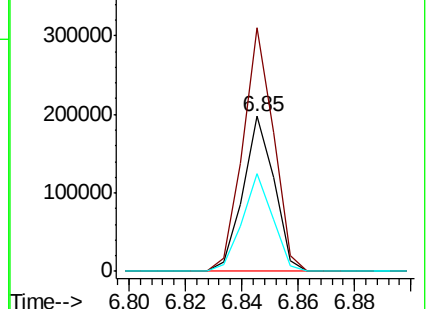
115 63.4 48.5 72.7



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: 117.231 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF120801.D

Acq: 7 Jul 2020 23:37

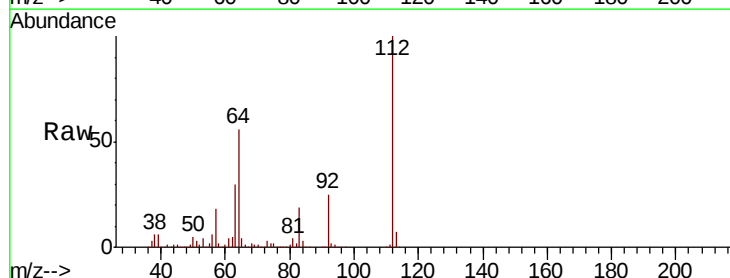
Tgt Ion:112 Resp: 1144894

Ion Ratio Lower Upper

112 100

64 55.6 43.8 65.6

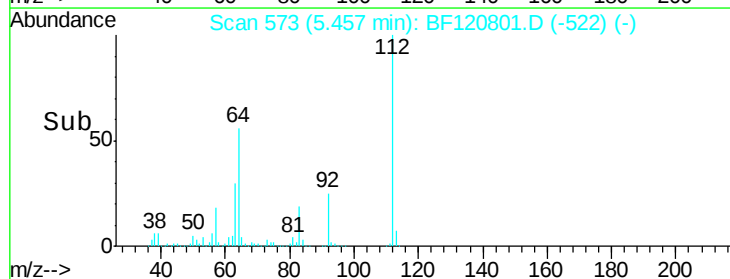
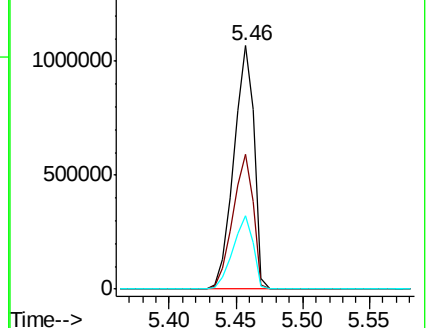
63 29.9 23.6 35.4



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: 112.656 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF120801.D

Acq: 7 Jul 2020 23:37

Instrument :

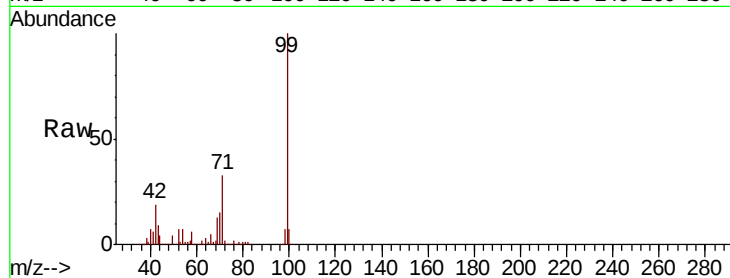
BNA_F

ClientSampleId :

PB130002TB

Tot Ion: 99 Resp: 1405017

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.4	23.0
71	32.6	25.9	38.9

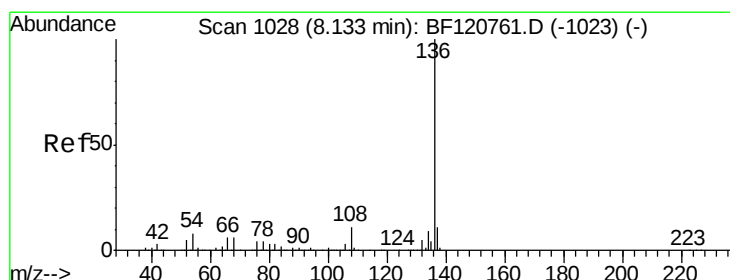
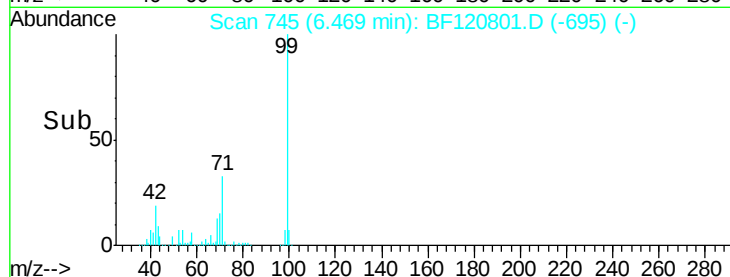
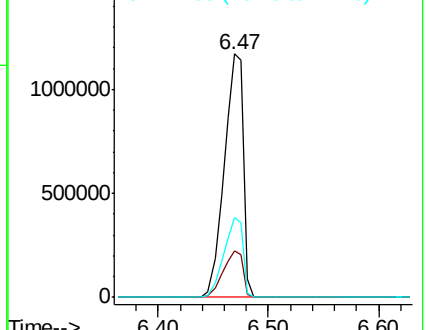


Abundance

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# 1027

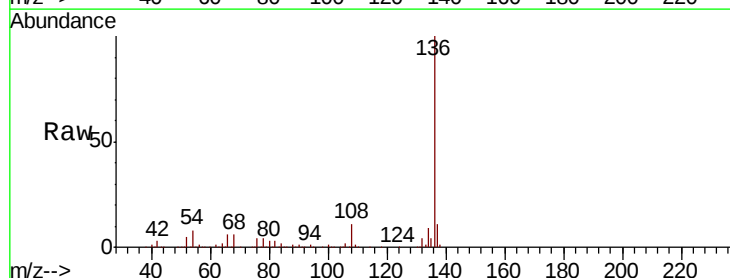
Delta R.T. -0.01 min

Lab File: BF120801.D

Acq: 7 Jul 2020 23:37

Tgt Ion: 136 Resp: 580591

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



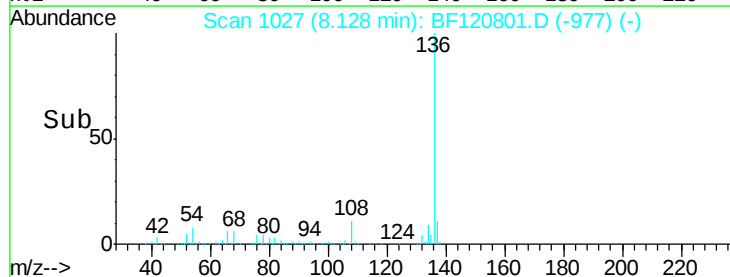
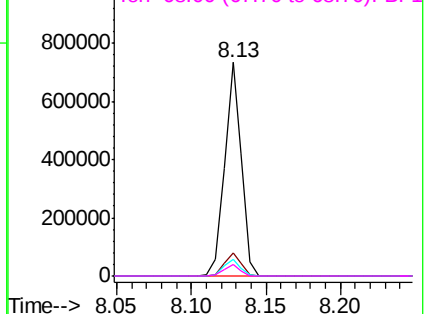
Abundance

Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

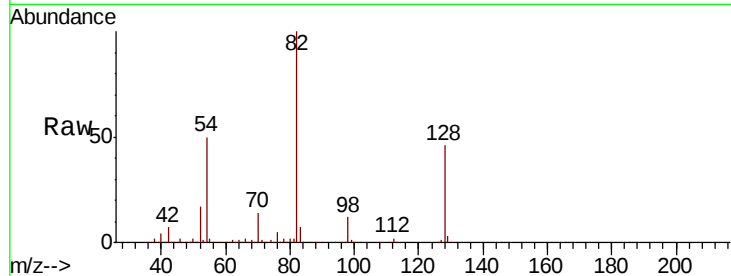




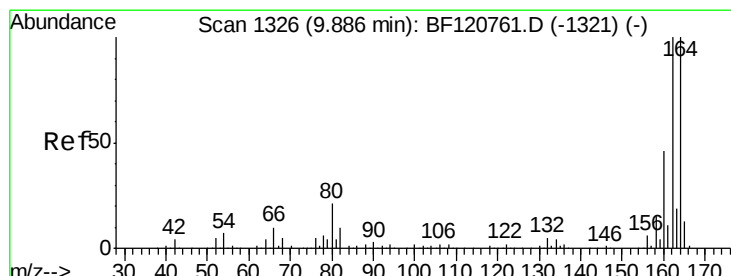
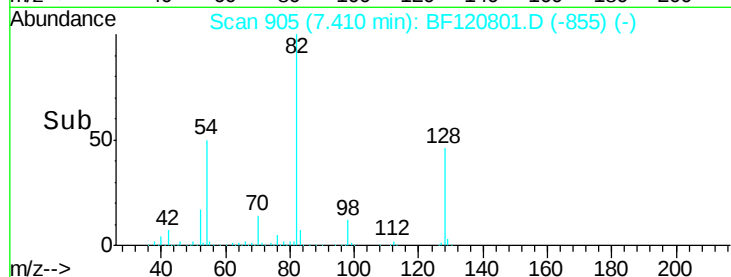
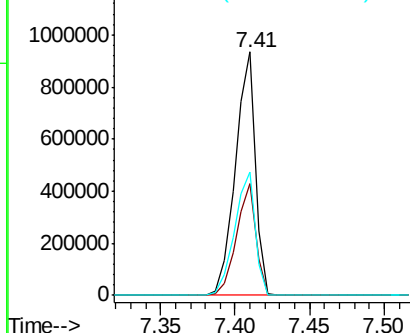
#23
 Nitrobenzene-d5
 Concen: 87.665 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF120801.D
 Acq: 7 Jul 2020 23:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130002TB

Tot Ion	82	Resp	878485
Ion Ratio	100	Lower	Upper
128	45.9	35.7	53.5
54	50.5	40.9	61.3

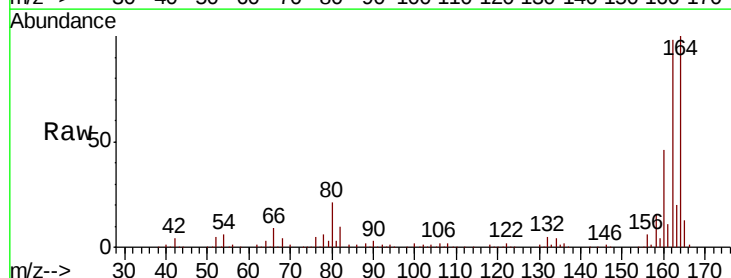


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

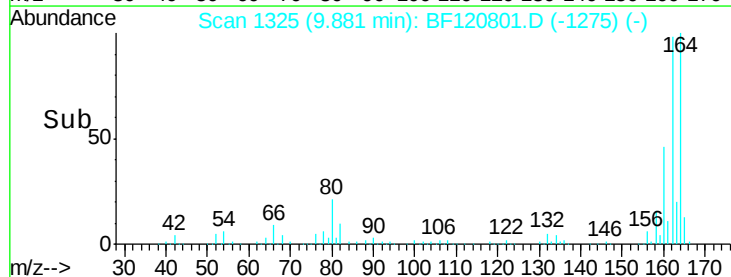
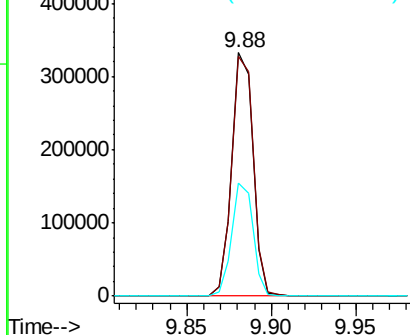


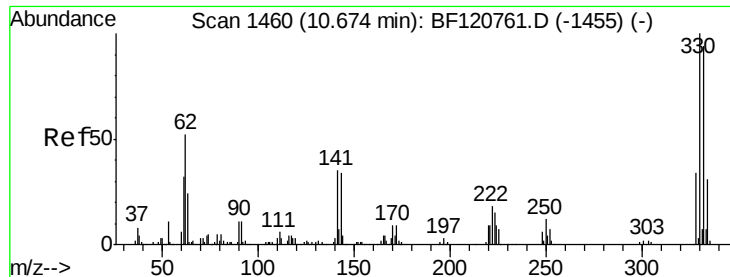
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF120801.D
 Acq: 7 Jul 2020 23:37

Tgt Ion	164	Resp	290571
Ion Ratio	100	Lower	Upper
162	98.2	80.2	120.2
160	46.3	36.9	55.3



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: 112.558 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF120801.D

Acq: 7 Jul 2020 23:37

Instrument :

BNA_F

ClientSampleId :

PB130002TB

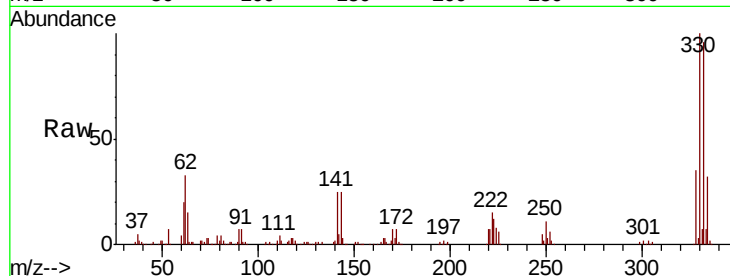
Tot Ion:330 Resp: 328579

Ion Ratio Lower Upper

330 100

332 96.2 75.8 113.6

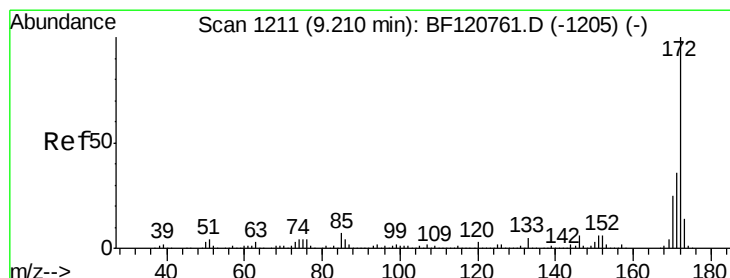
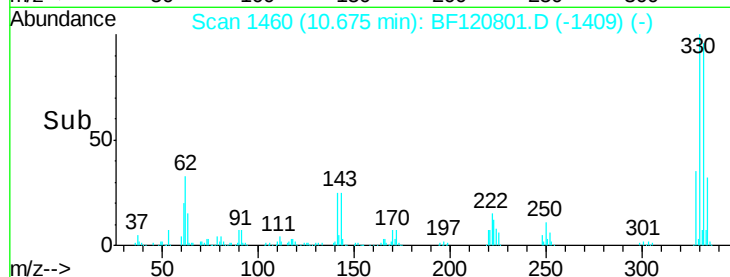
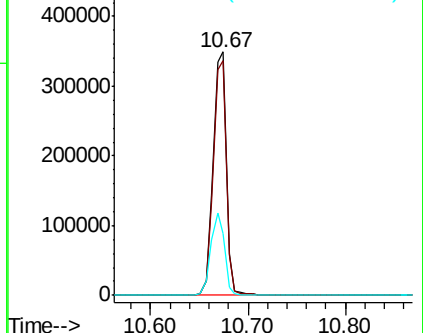
141 35.0 29.7 44.5



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: 78.965 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF120801.D

Acq: 7 Jul 2020 23:37

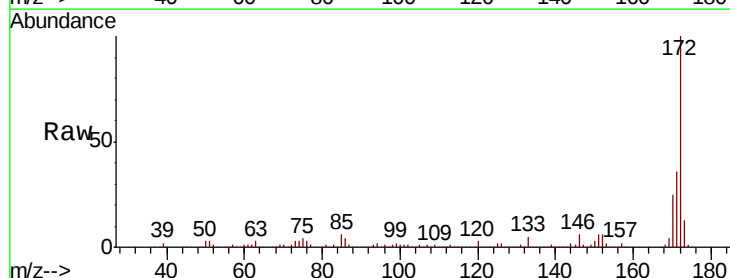
Tgt Ion:172 Resp: 1516573

Ion Ratio Lower Upper

172 100

171 36.0 29.1 43.7

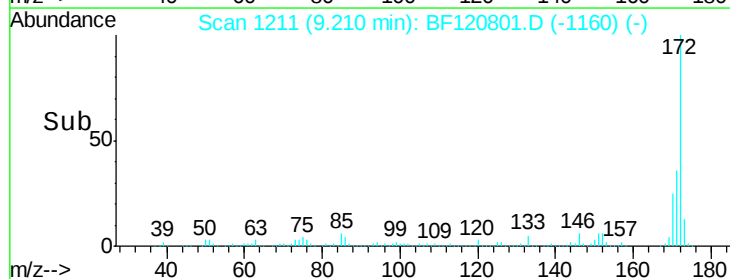
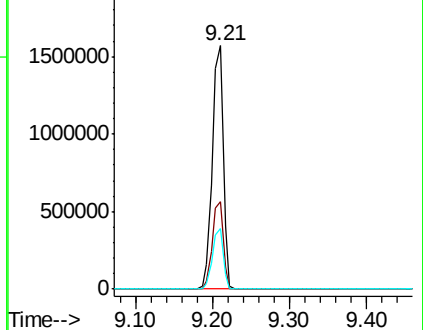
170 24.7 19.8 29.6

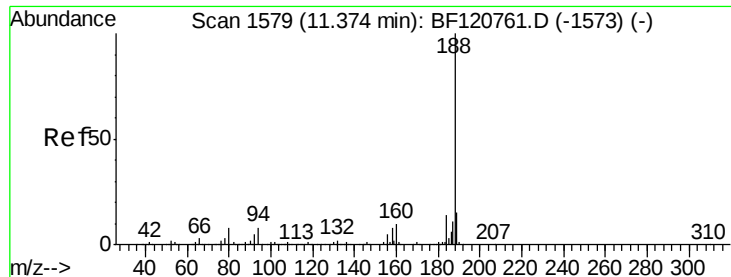


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

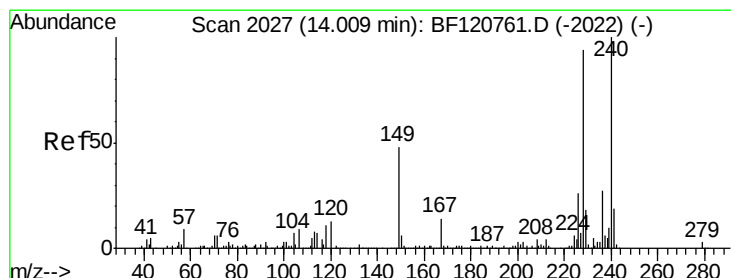
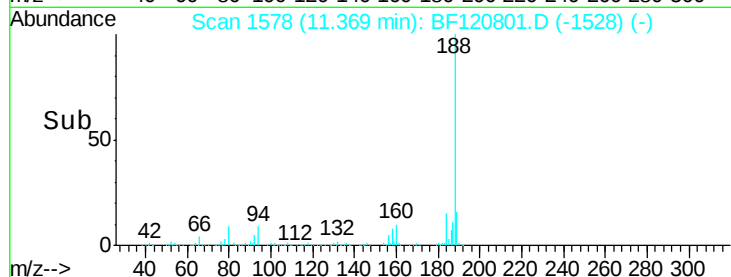
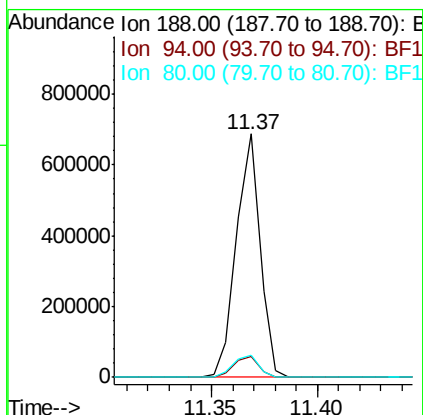
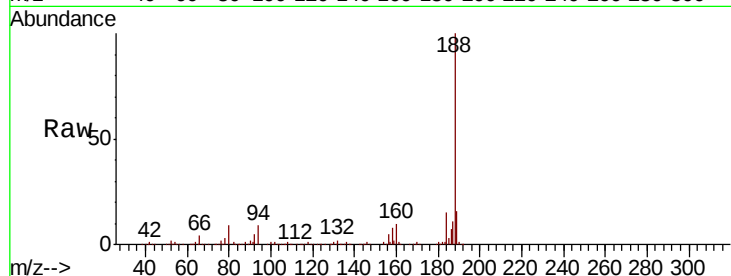




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120801.D
Acq: 7 Jul 2020 23:37

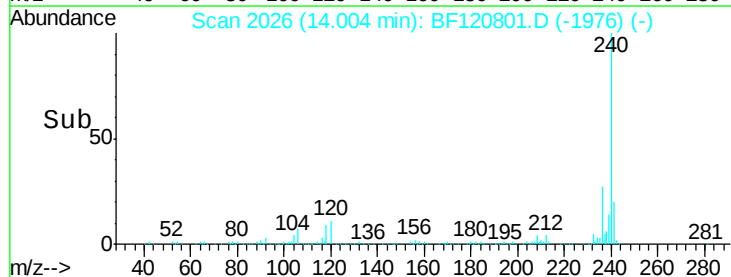
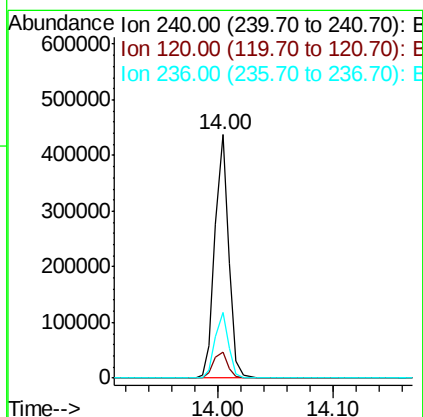
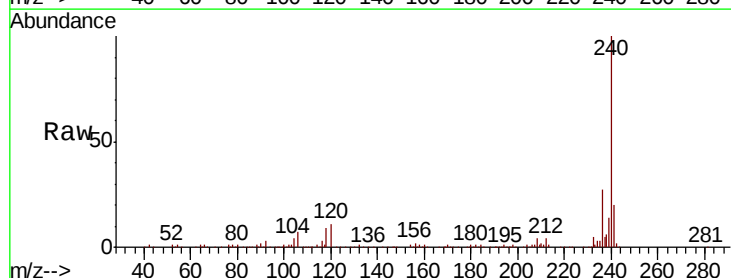
Instrument :
BNA_F
ClientSampleId :
PB130002TB

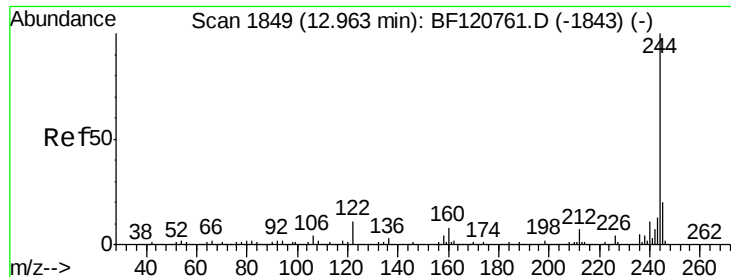
Tot Ion:188 Resp: 536073
Ion Ratio Lower Upper
188 100
94 8.8 6.6 9.8
80 9.0 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF120801.D
Acq: 7 Jul 2020 23:37

Tgt Ion:240 Resp: 363181
Ion Ratio Lower Upper
240 100
120 10.7 10.3 15.5
236 26.8 21.4 32.2



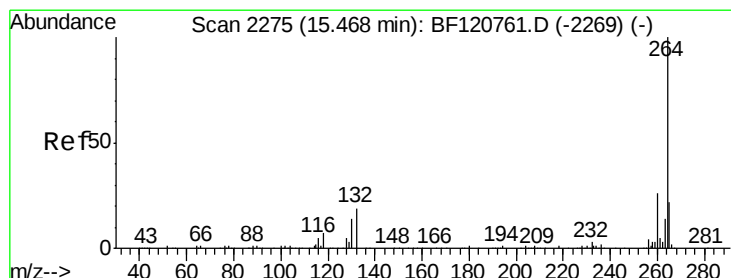
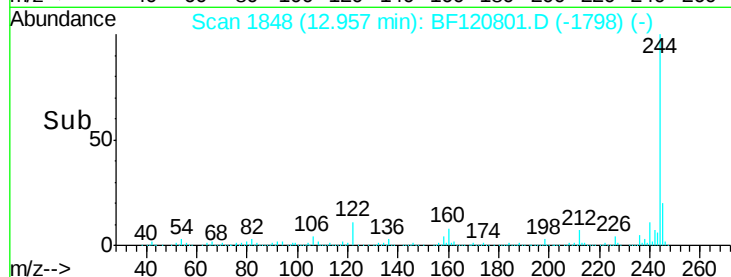
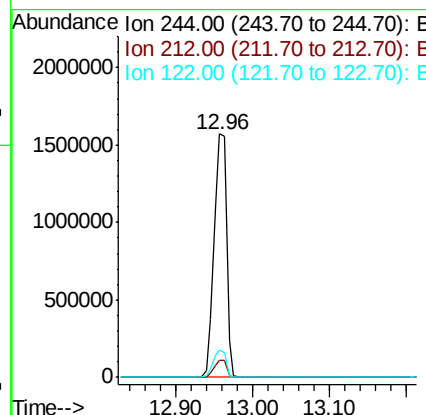
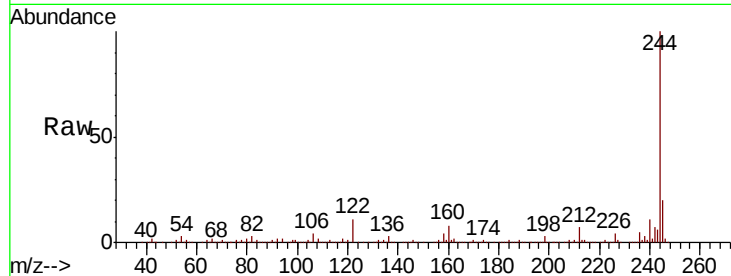


#79
 Terphenyl-d14
 Concen: 93.445 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF120801.D
 Acq: 7 Jul 2020 23:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130002TB

Tot Ion:244 Resp: 1733373

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.4	9.0	13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF120801.D
 Acq: 7 Jul 2020 23:37

Tgt Ion:264 Resp: 286848

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.6	30.8
265	21.7	17.6	26.4

