

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\
 Data File : BF120803.D
 Acq On : 8 Jul 2020 00:33
 Operator : JU/CG
 Sample : PB130002BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130002BL

Quant Time: Jul 08 03:36:12 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	151169	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	573479	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	288064	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	534831	20.00	ng	0.00
76) Chrysene-d12	14.00	240	365111	20.00	ng	0.00
86) Perylene-d12	15.46	264	281852	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1229293	125.53	ng	0.00
7) Phenol-d6	6.47	99	1492998	119.38	ng	0.00
23) Nitrobenzene-d5	7.41	82	940946	95.06	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	299443	103.47	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1577209	82.84	ng	0.00
79) Terphenyl-d14	12.96	244	1787134	95.83	ng	0.00

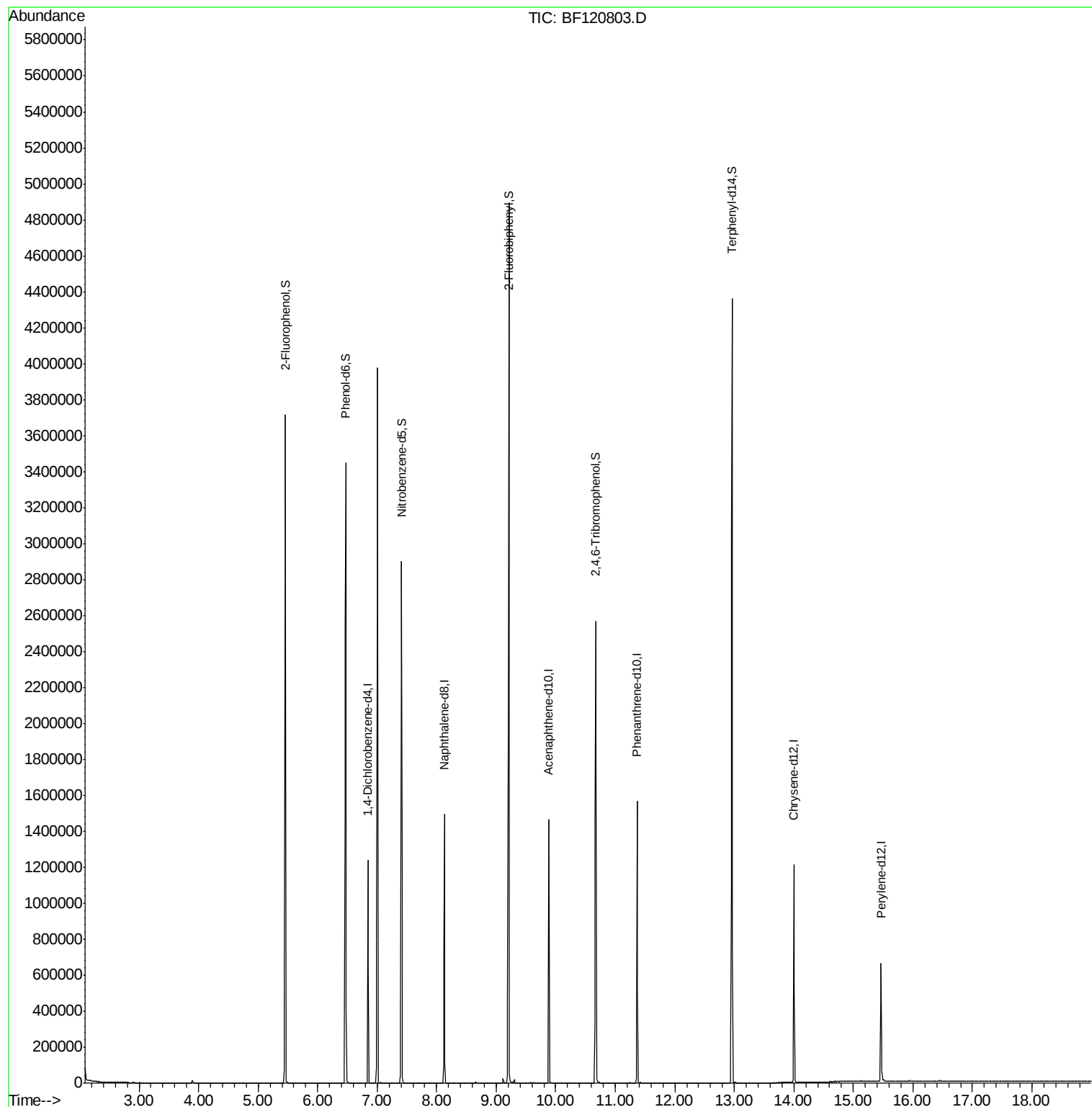
Target Compounds Qvalue

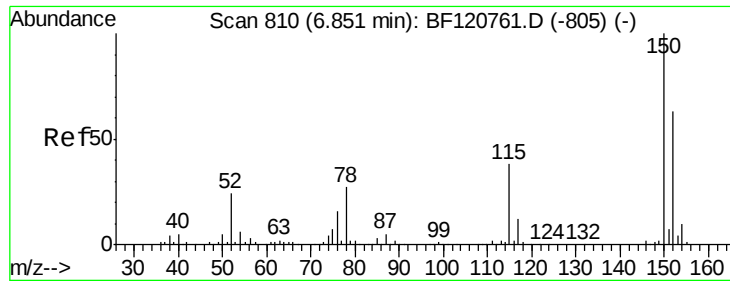
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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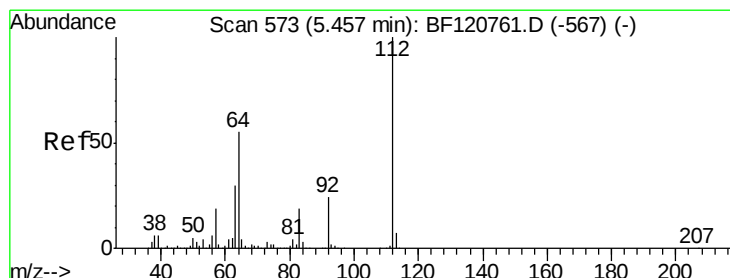
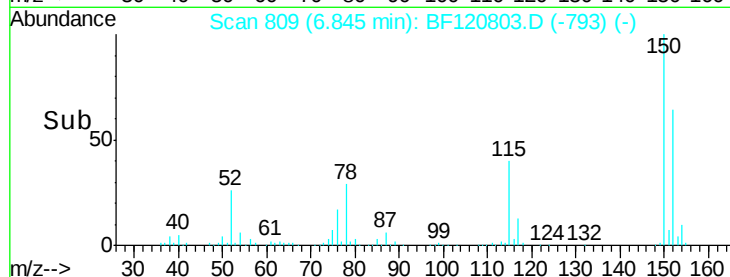
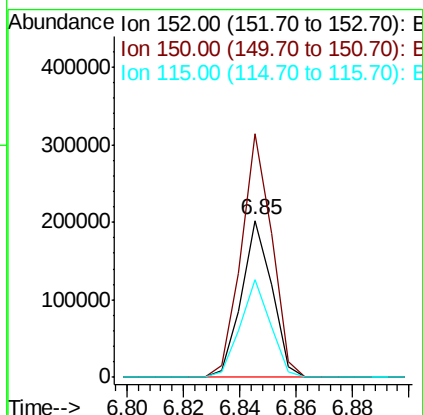
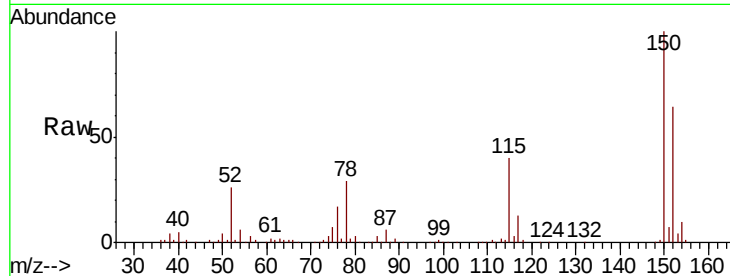


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120803.D
Acq: 8 Jul 2020 00:33

Instrument :
BNA_F
ClientSampleId :
PB130002BL

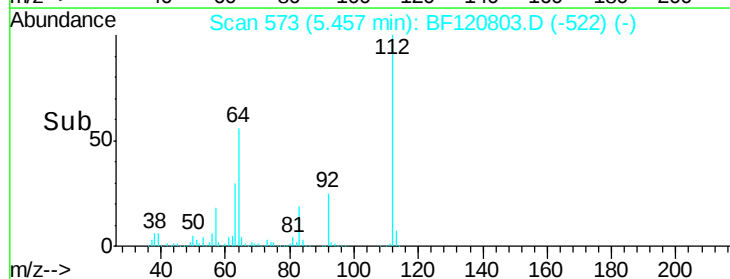
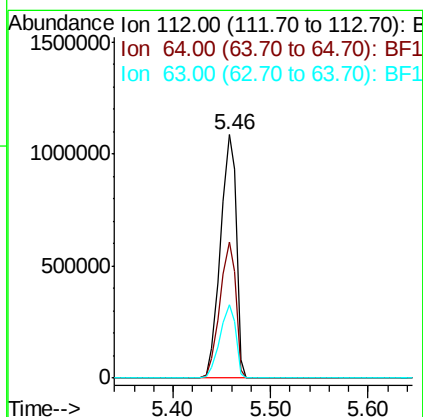
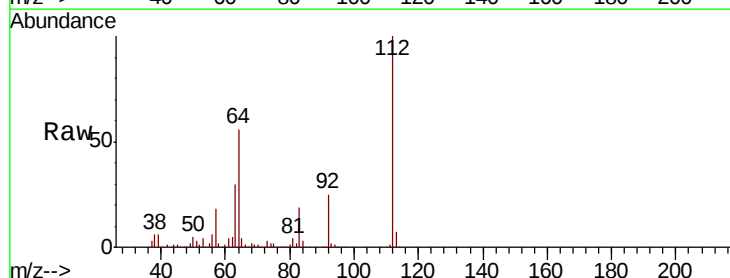
Tot Ion:152 Resp: 151169
Ion Ratio Lower Upper
152 100
150 155.2 126.1 189.1
115 62.5 48.5 72.7

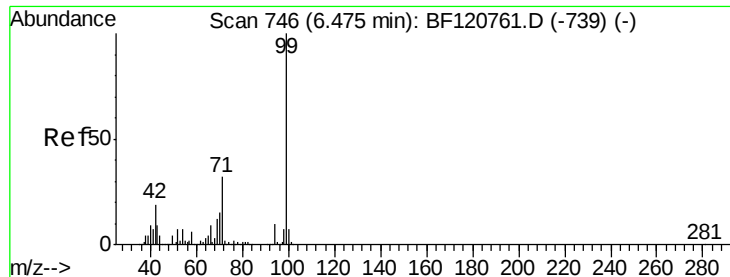


#5

2-Fluorophenol
Concen: 125.528 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF120803.D
Acq: 8 Jul 2020 00:33

Tgt Ion:112 Resp: 1229293
Ion Ratio Lower Upper
112 100
64 56.0 43.8 65.6
63 30.0 23.6 35.4





#7

Phenol-d6

Concen: 119.382 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120803.D

Acq: 8 Jul 2020 00:33

Instrument :

BNA_F

ClientSampleId :

PB130002BL

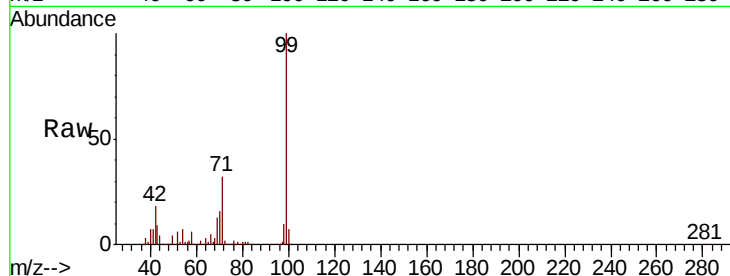
Tot Ion: 99 Resp: 1492998

Ion Ratio Lower Upper

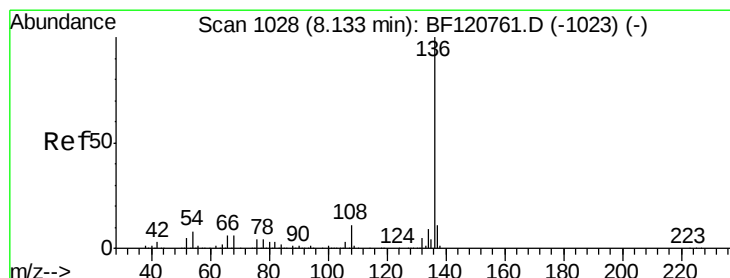
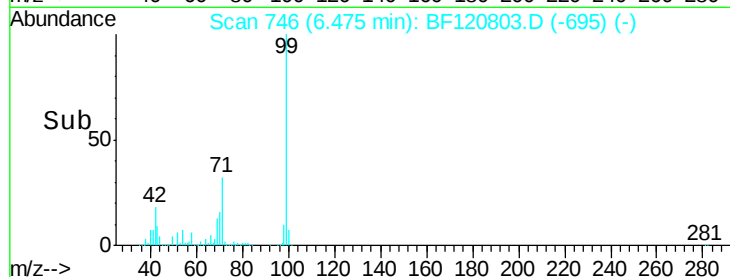
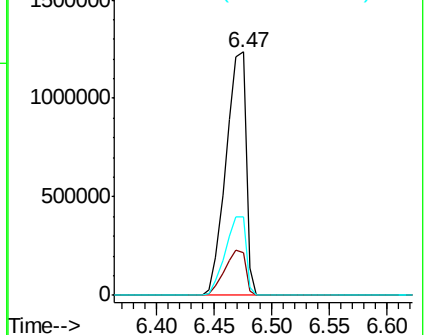
99 100

42 17.7 15.4 23.0

71 32.4 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: BF120803.D

Acq: 8 Jul 2020 00:33

Tgt Ion: 136 Resp: 573479

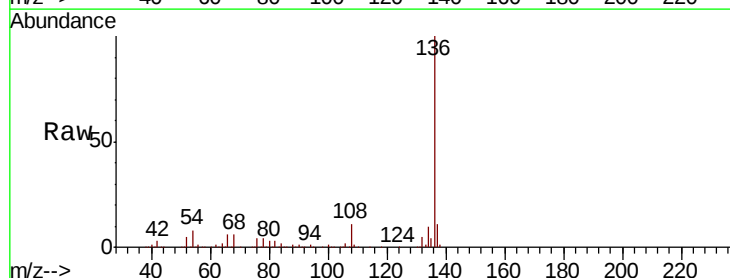
Ion Ratio Lower Upper

136 100

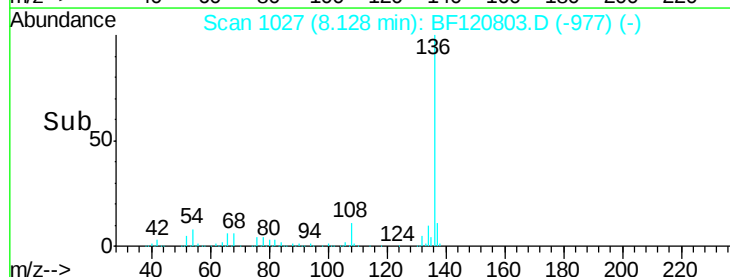
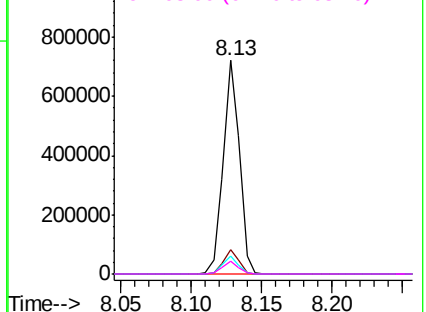
137 11.3 9.0 13.6

54 8.2 6.2 9.4

68 5.8 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

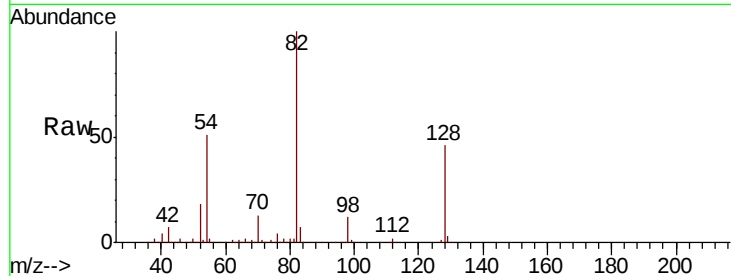




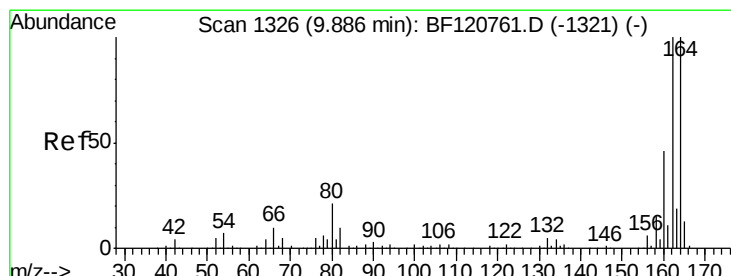
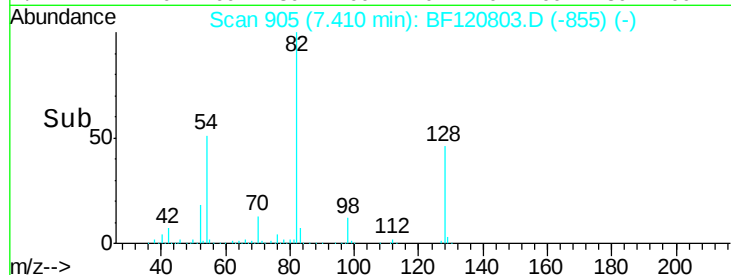
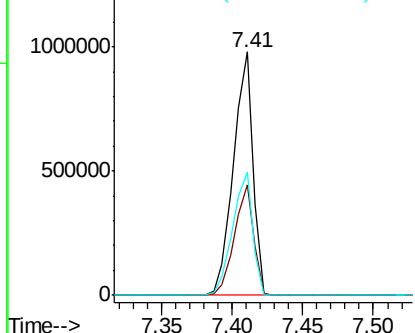
#23
 Nitrobenzene-d5
 Concen: 95.062 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF120803.D
 Acq: 8 Jul 2020 00:33

Instrument :
 BNA_F
 ClientSampleId :
 PB130002BL

Tot Ion	82	Resp	940946
Ion Ratio	100	Lower	Upper
128	45.6	35.7	53.5
54	50.8	40.9	61.3

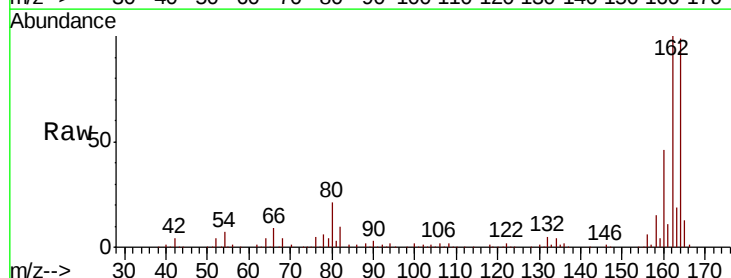


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

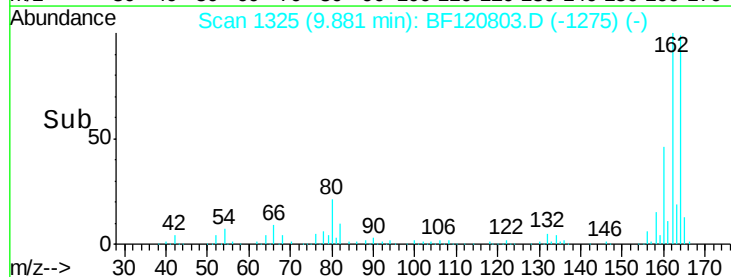
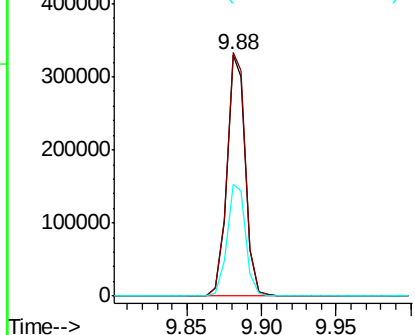


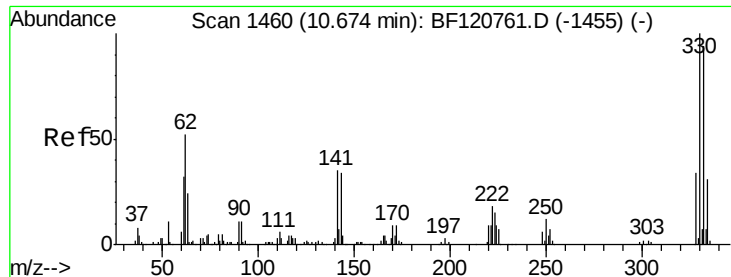
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF120803.D
 Acq: 8 Jul 2020 00:33

Tgt Ion	164	Resp	288064
Ion Ratio	100	Lower	Upper
162	100.9	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: 103.470 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF120803.D

Acq: 8 Jul 2020 00:33

Instrument :

BNA_F

ClientSampleId :

PB130002BL

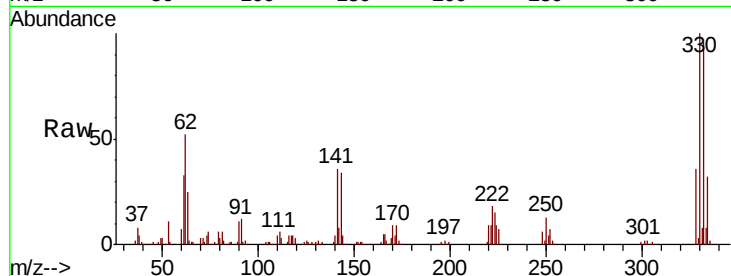
Tot Ion:330 Resp: 299443

Ion Ratio Lower Upper

330 100

332 94.8 75.8 113.6

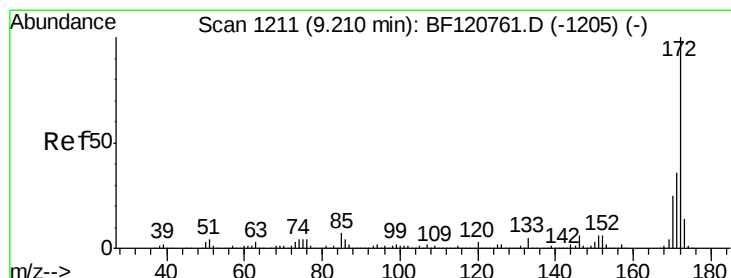
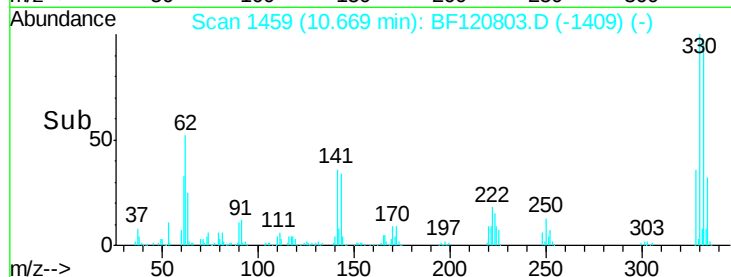
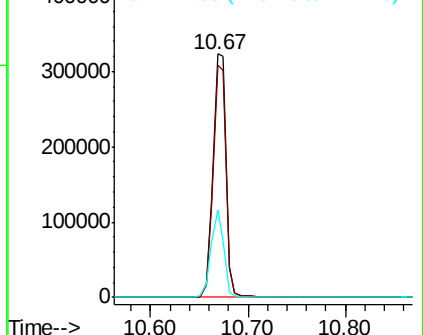
141 35.1 29.7 44.5



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: 82.837 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF120803.D

Acq: 8 Jul 2020 00:33

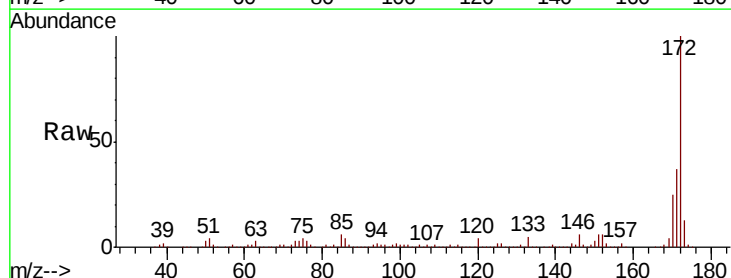
Tgt Ion:172 Resp: 1577209

Ion Ratio Lower Upper

172 100

171 36.6 29.1 43.7

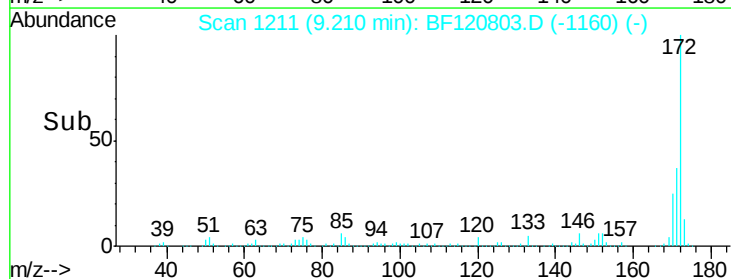
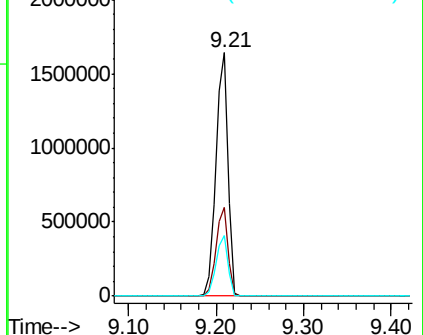
170 25.1 19.8 29.6

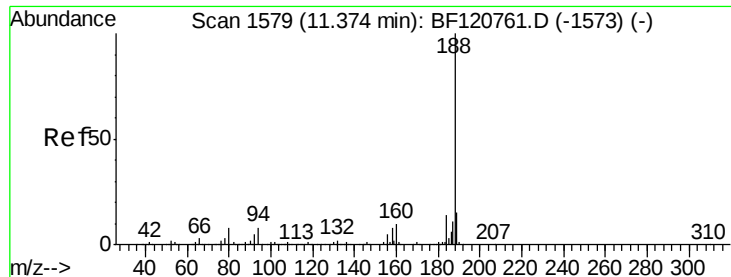


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

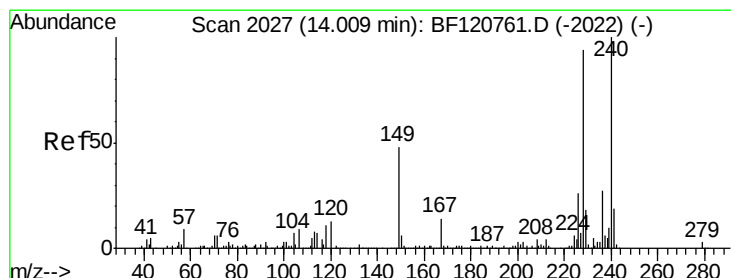
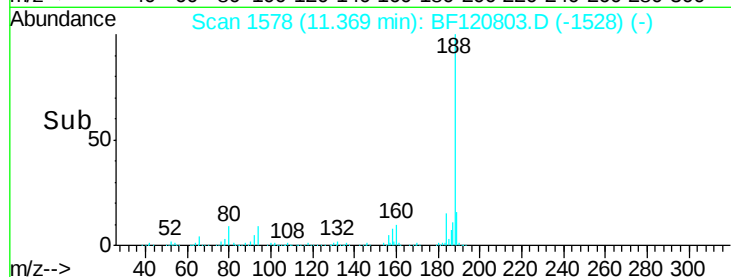
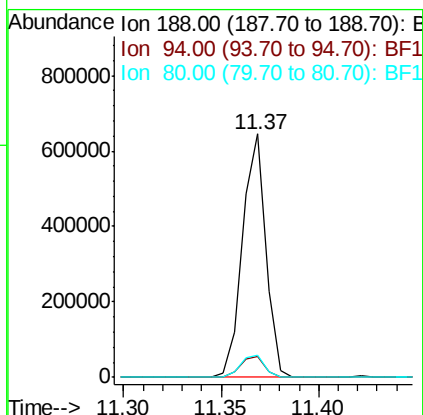
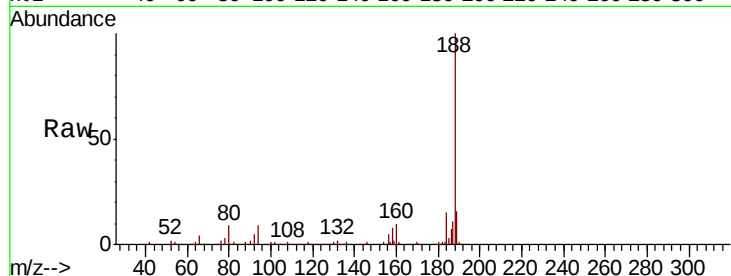




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120803.D
Acq: 8 Jul 2020 00:33

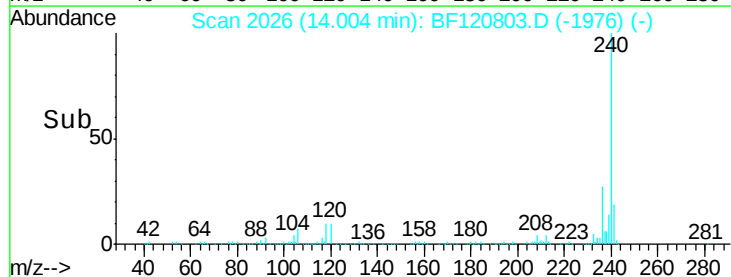
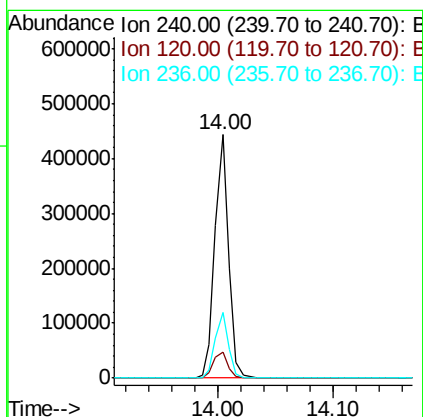
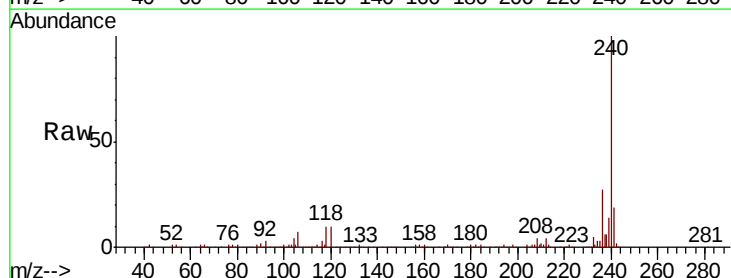
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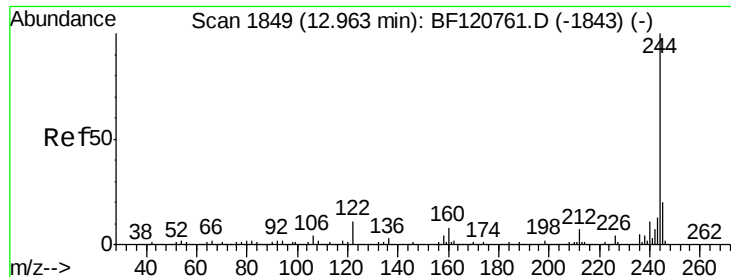
Tot Ion:188 Resp: 534831
Ion Ratio Lower Upper
188 100
94 8.7 6.6 9.8
80 9.3 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF120803.D
Acq: 8 Jul 2020 00:33

Tgt Ion:240 Resp: 365111
Ion Ratio Lower Upper
240 100
120 10.4 10.3 15.5
236 26.8 21.4 32.2

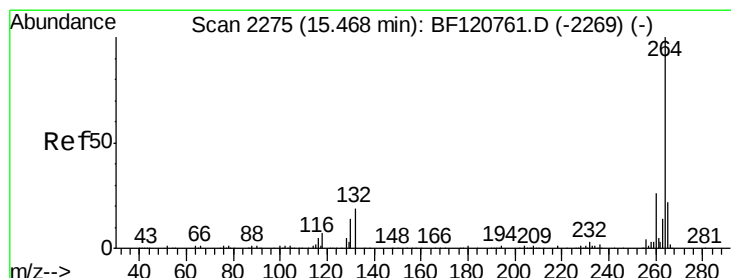
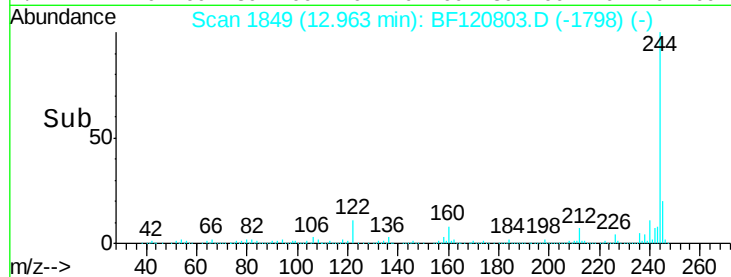
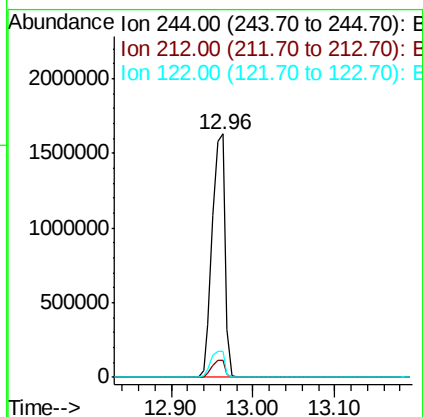
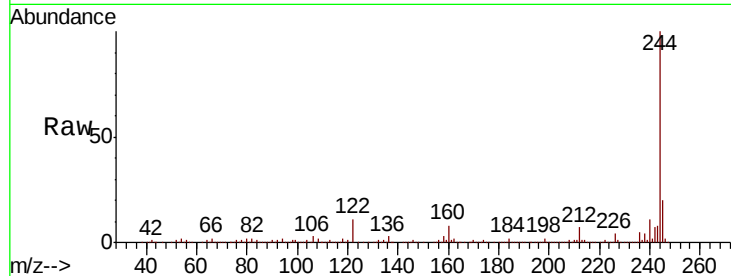




#79
 Terphenyl-d14
 Concen: 95.834 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF120803.D
 Acq: 8 Jul 2020 00:33

Instrument :
 BNA_F
 ClientSampleId :
 PB130002BL

Tot Ion:244 Resp: 1787134
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.7 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: BF120803.D
 Acq: 8 Jul 2020 00:33

Tgt Ion:264 Resp: 281852
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.6 30.8
 265 21.5 17.6 26.4

