

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120821.D
 Acq On : 10 Jul 2020 9:46
 Operator : JU/CG
 Sample : PB129999BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129999BL

Quant Time: Jul 10 11:12:10 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	160505	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	599010	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	298690	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	539426	20.00	ng	0.00
76) Chrysene-d12	14.00	240	388531	20.00	ng	0.00
86) Perylene-d12	15.46	264	330015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1246448	119.88	ng	0.00
7) Phenol-d6	6.47	99	1509176	113.66	ng	0.00
23) Nitrobenzene-d5	7.41	82	950196	91.91	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	379387	126.43	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1584340	80.25	ng	0.00
79) Terphenyl-d14	12.96	244	1777538	89.57	ng	0.00

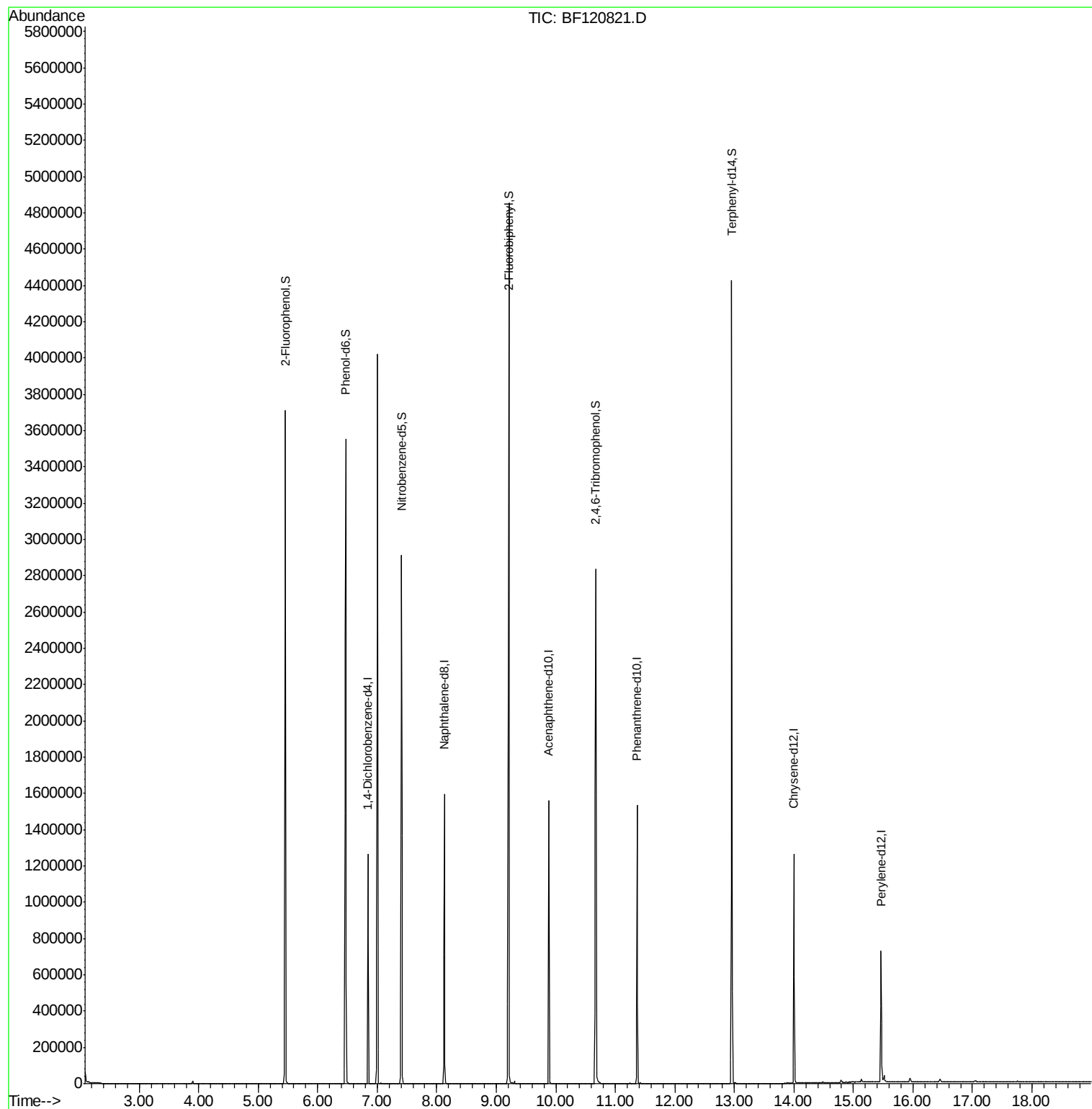
Target Compounds Qvalue

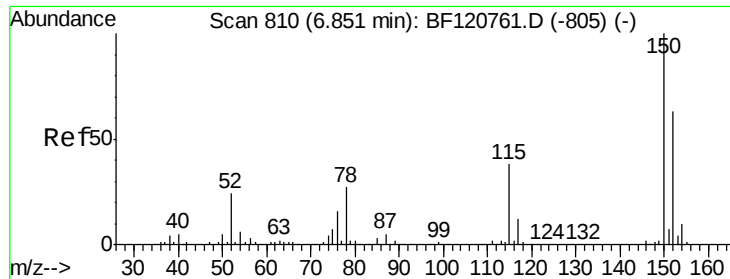
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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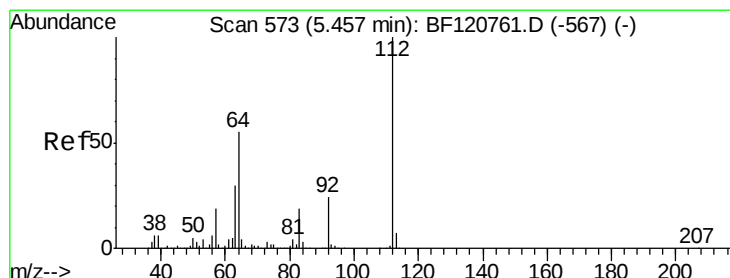
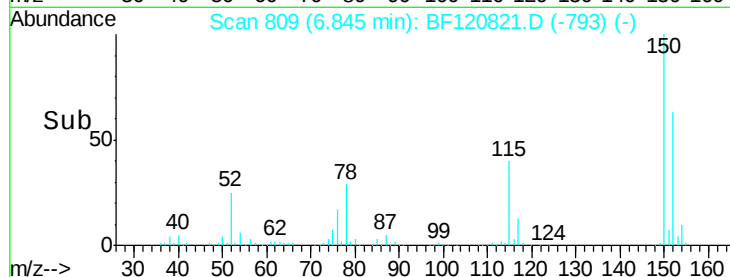
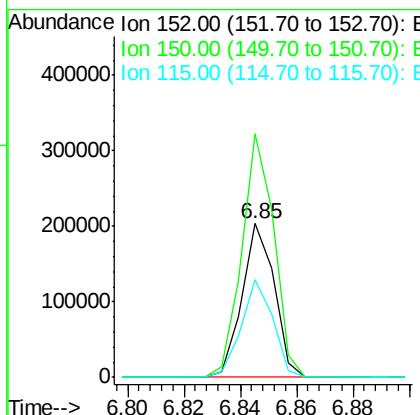
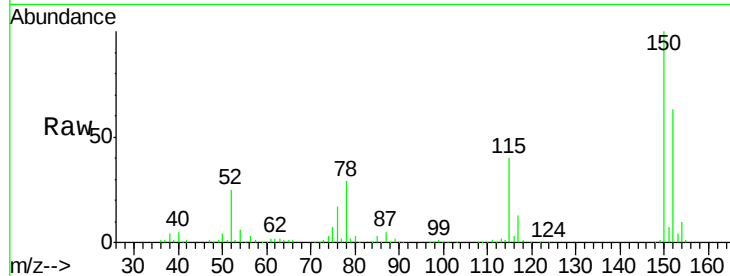


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF120821.D
 Acq: 10 Jul 2020 9:46

Instrument :
 BNA_F
 ClientSampleId :
 PB129999BL

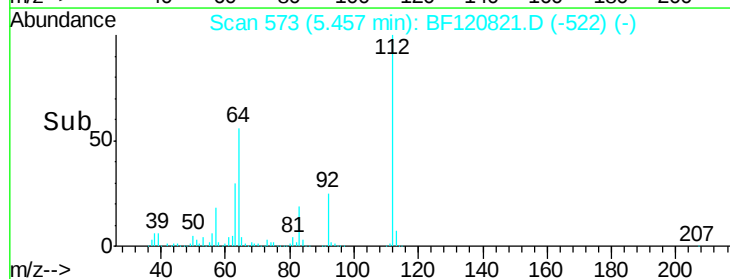
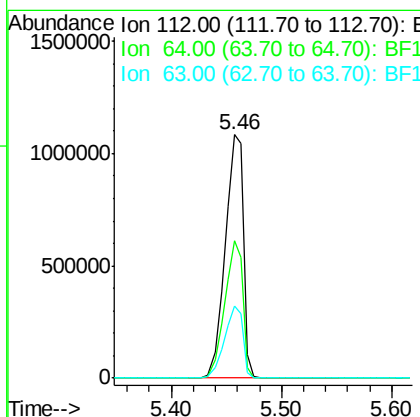
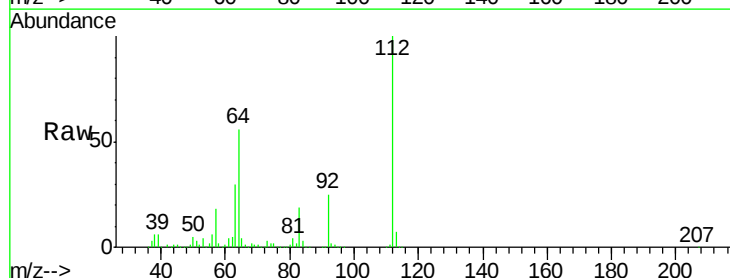
Tot Ion:152 Resp: 160505
 Ion Ratio Lower Upper
 152 100
 150 158.5 126.1 189.1
 115 63.4 48.5 72.7

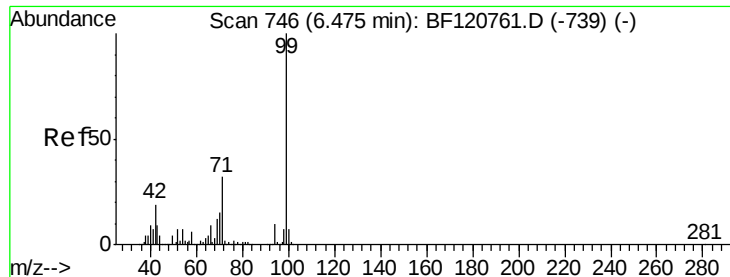


#5

2-Fluorophenol
 Concen: 119.877 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF120821.D
 Acq: 10 Jul 2020 9:46

Tgt Ion:112 Resp: 1246448
 Ion Ratio Lower Upper
 112 100
 64 56.2 43.8 65.6
 63 29.7 23.6 35.4





#7

Phenol-d6

Concen: 113.657 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF120821.D

Acq: 10 Jul 2020 9:46

Instrument :

BNA_F

ClientSampleId :

PB129999BL

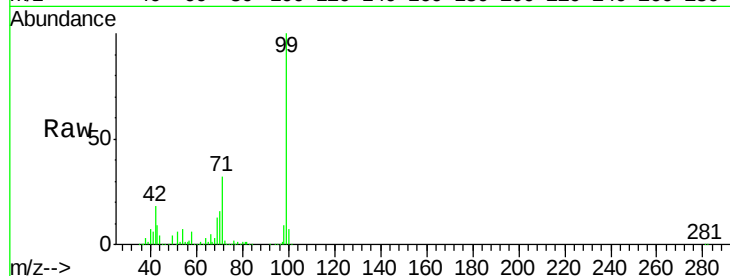
Tot Ion: 99 Resp: 1509176

Ion Ratio Lower Upper

99 100

42 17.7 15.4 23.0

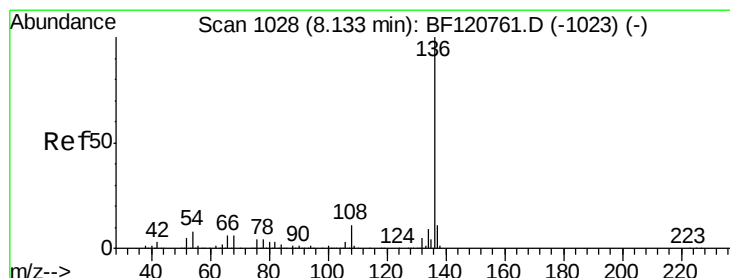
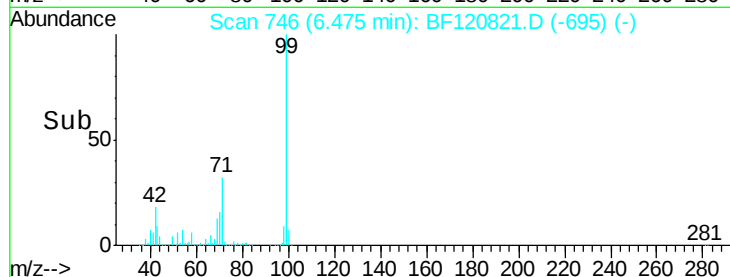
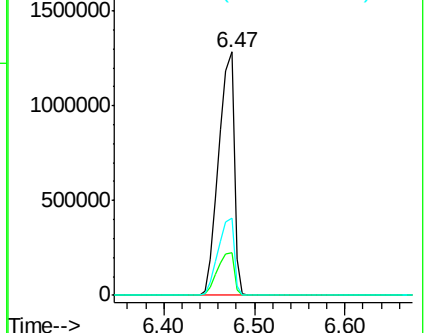
71 31.9 25.9 38.9



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: BF120821.D

Acq: 10 Jul 2020 9:46

Tgt Ion: 136 Resp: 599010

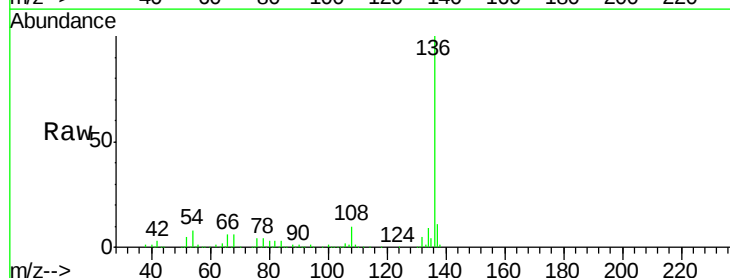
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 8.0 6.2 9.4

68 5.8 4.7 7.1

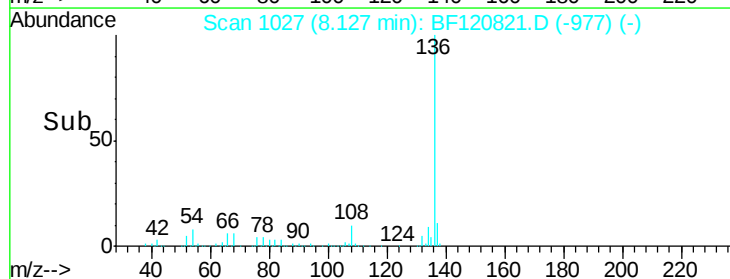
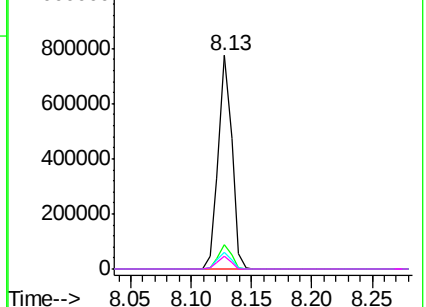


Abundance Ion 136.00 (135.70 to 136.70): BF1

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: 91.905 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF120821.D

Acq: 10 Jul 2020 9:46

Instrument :

BNA_F

ClientSampleId :

PB129999BL

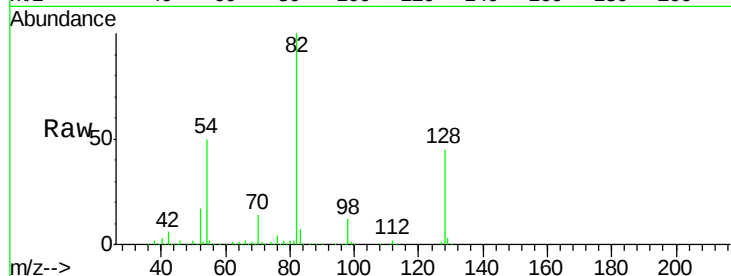
Tot Ion: 82 Resp: 950196

Ion Ratio Lower Upper

82 100

128 45.4 35.7 53.5

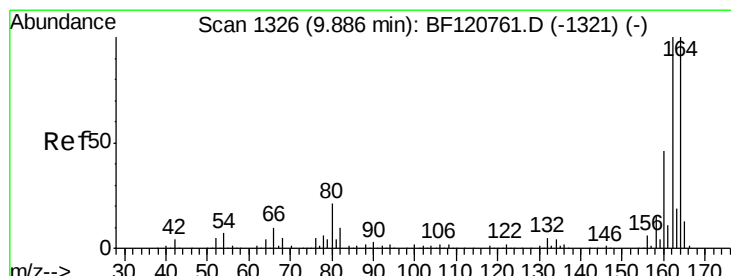
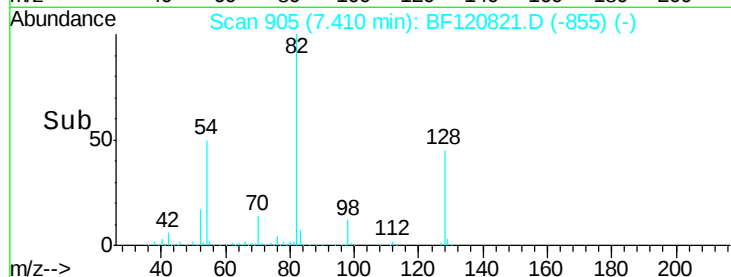
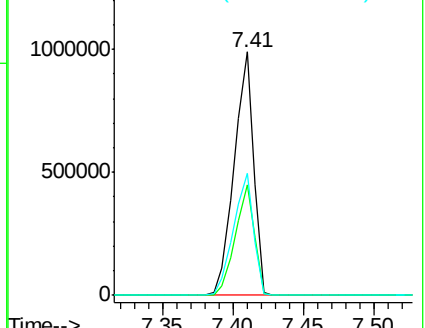
54 50.1 40.9 61.3



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: BF120821.D

Acq: 10 Jul 2020 9:46

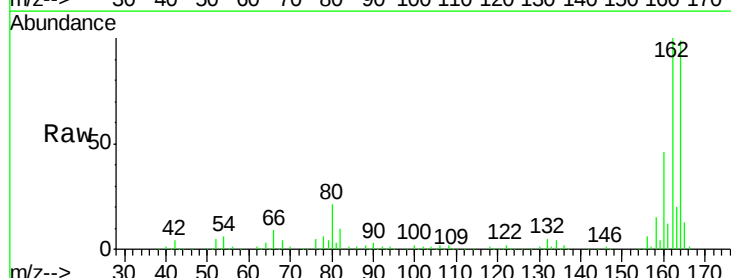
Tgt Ion: 164 Resp: 298690

Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.2

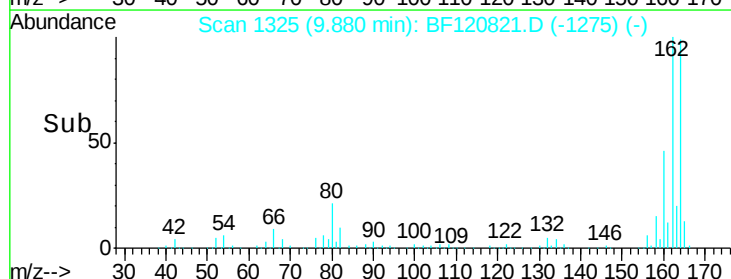
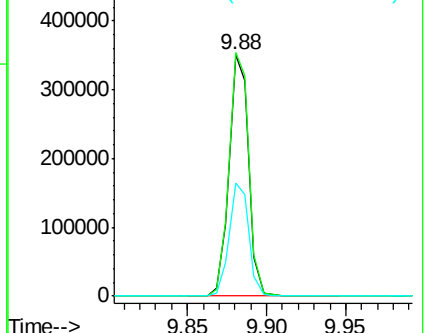
160 46.7 36.9 55.3

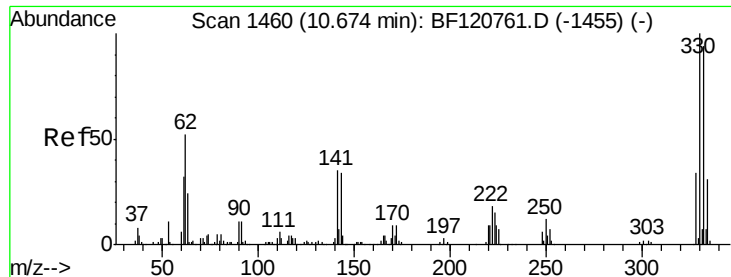


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

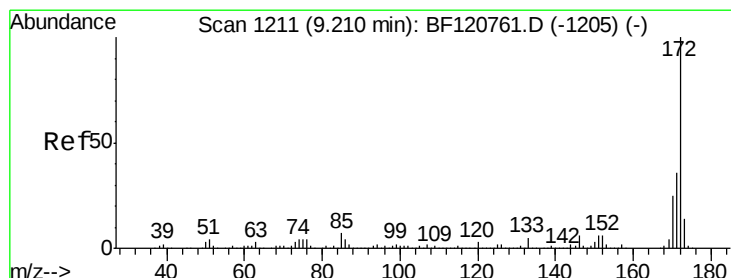
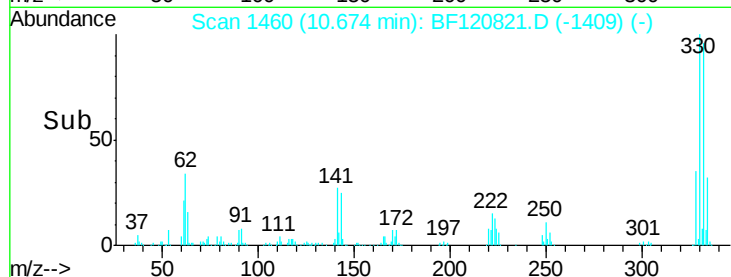
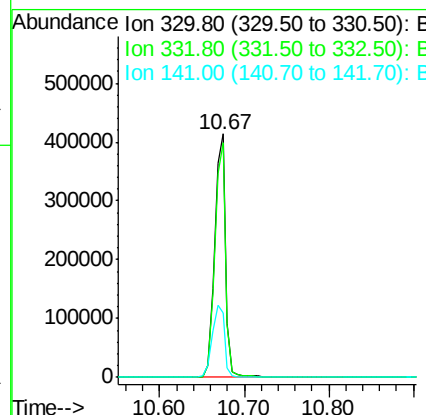
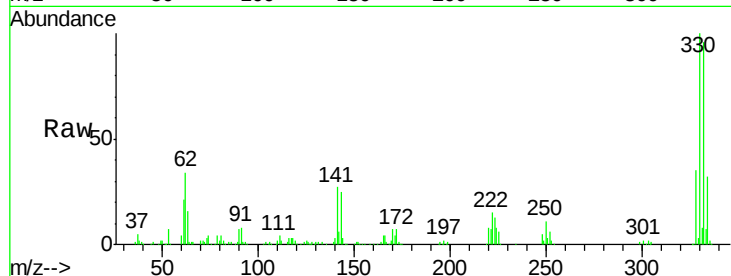




#42
 2,4,6-Tribromophenol
 Concen: 126.430 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF120821.D
 Acq: 10 Jul 2020 9:46

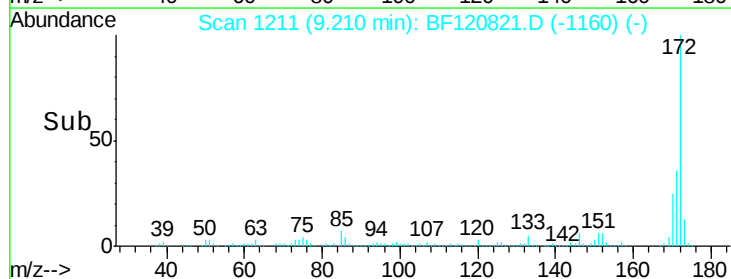
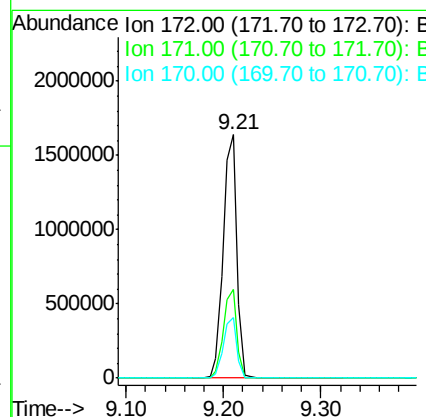
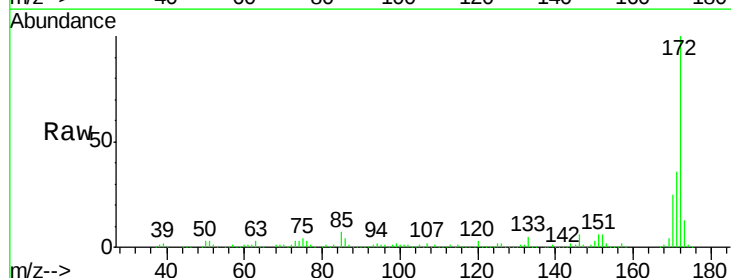
Instrument :
 BNA_F
 ClientSampleId :
 PB129999BL

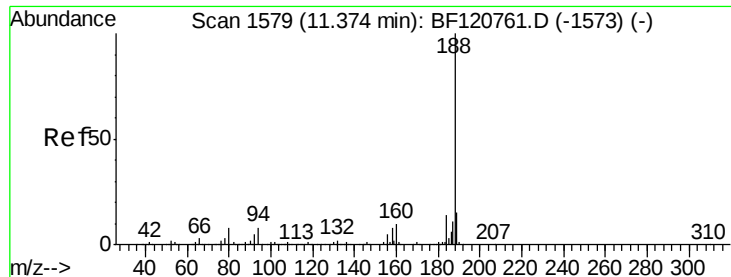
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.8	113.6
141	33.8	29.7	44.5



#45
 2-Fluorobiphenyl
 Concen: 80.251 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF120821.D
 Acq: 10 Jul 2020 9:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.1	43.7
170	24.9	19.8	29.6

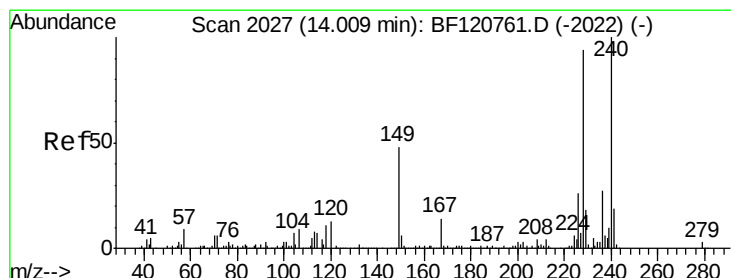
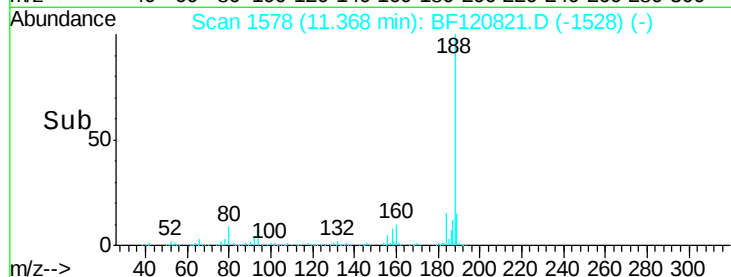
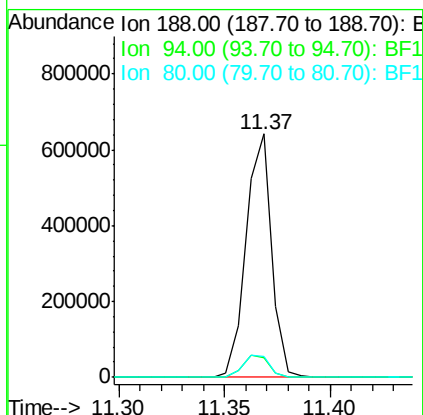
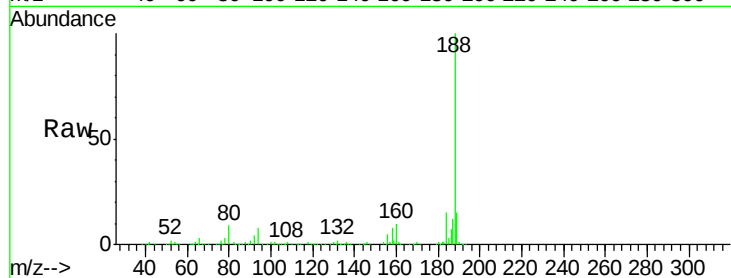




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

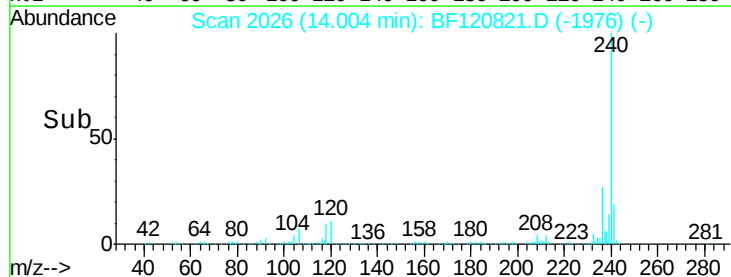
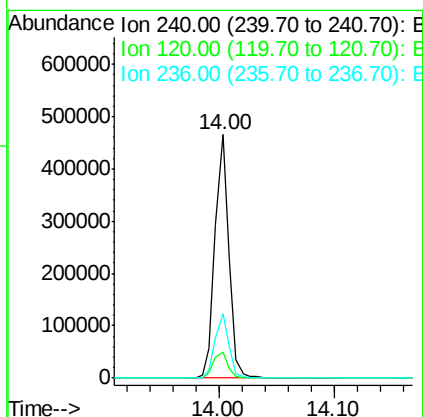
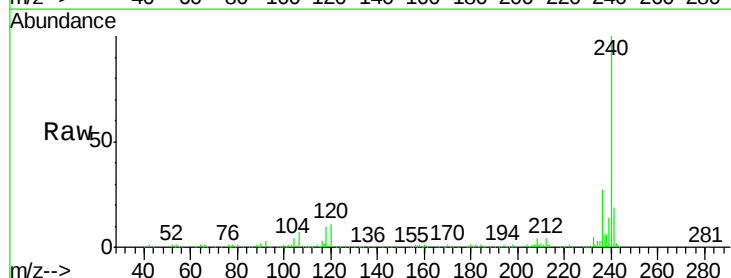
Instrument :
BNA_F
ClientSampleId :
PB129999BL

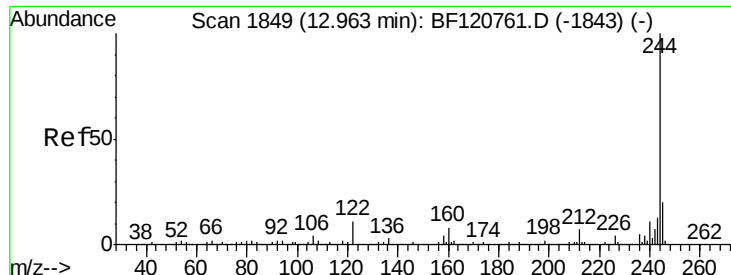
Tot Ion:188 Resp: 539426
Ion Ratio Lower Upper
188 100
94 8.3 6.6 9.8
80 8.7 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF120821.D
Acq: 10 Jul 2020 9:46

Tgt Ion:240 Resp: 388531
Ion Ratio Lower Upper
240 100
120 10.7 10.3 15.5
236 26.7 21.4 32.2





#79

Terphenyl-d14

Concen: 89.574 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF120821.D

Acq: 10 Jul 2020 9:46

Instrument :

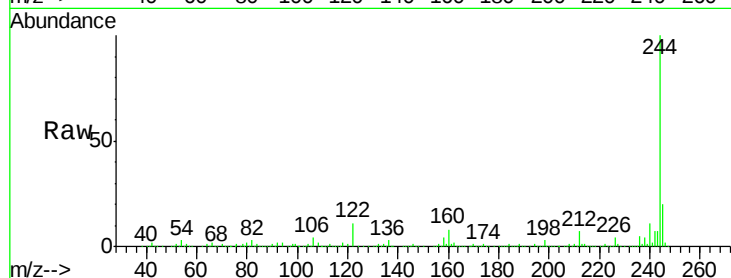
BNA_F

ClientSampleId :

PB129999BL

Tot Ion:244 Resp: 1777538

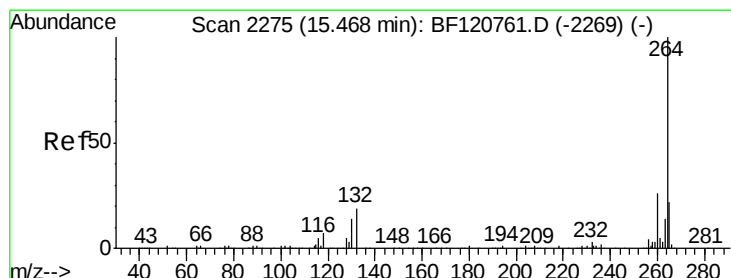
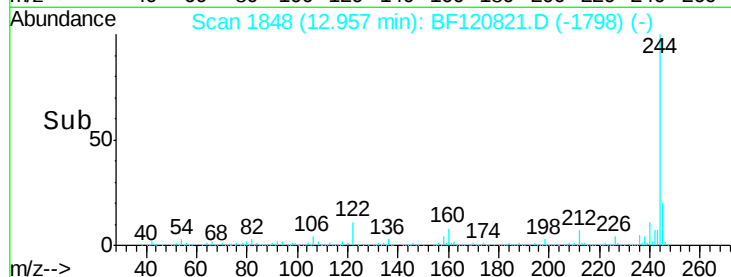
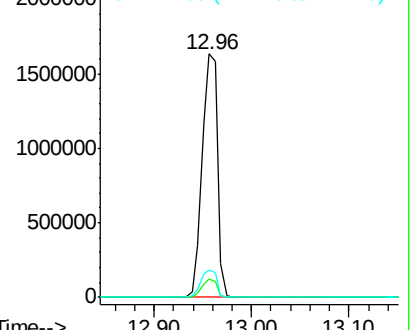
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	11.1	9.0	13.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

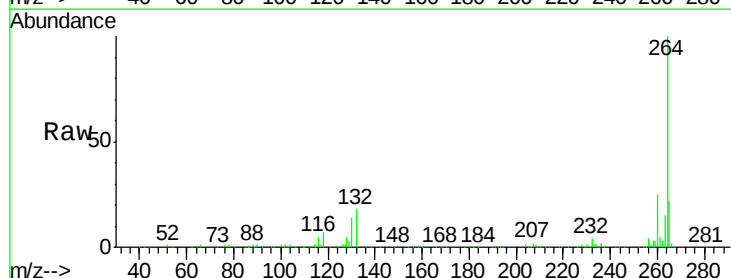
Delta R.T. -0.01 min

Lab File: BF120821.D

Acq: 10 Jul 2020 9:46

Tgt Ion:264 Resp: 330015

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.6	30.8
265	21.6	17.6	26.4



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

