

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070620\
 Data File : BF120769.D
 Acq On : 6 Jul 2020 10:37
 Operator : JU/CG
 Sample : PB129891BL
 Misc : PBBL01-MDL-SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129891BL

Quant Time: Jul 06 15:07:31 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	176228	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	669186	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	336251	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	625840	20.00	ng	0.00
76) Chrysene-d12	14.00	240	466387	20.00	ng	0.00
86) Perylene-d12	15.47	264	431877	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1328779	116.39	ng	0.00
7) Phenol-d6	6.47	99	1607258	110.24	ng	0.00
23) Nitrobenzene-d5	7.41	82	1005044	87.02	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	409772	121.30	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1723582	77.55	ng	0.00
79) Terphenyl-d14	12.96	244	1972497	82.81	ng	0.00

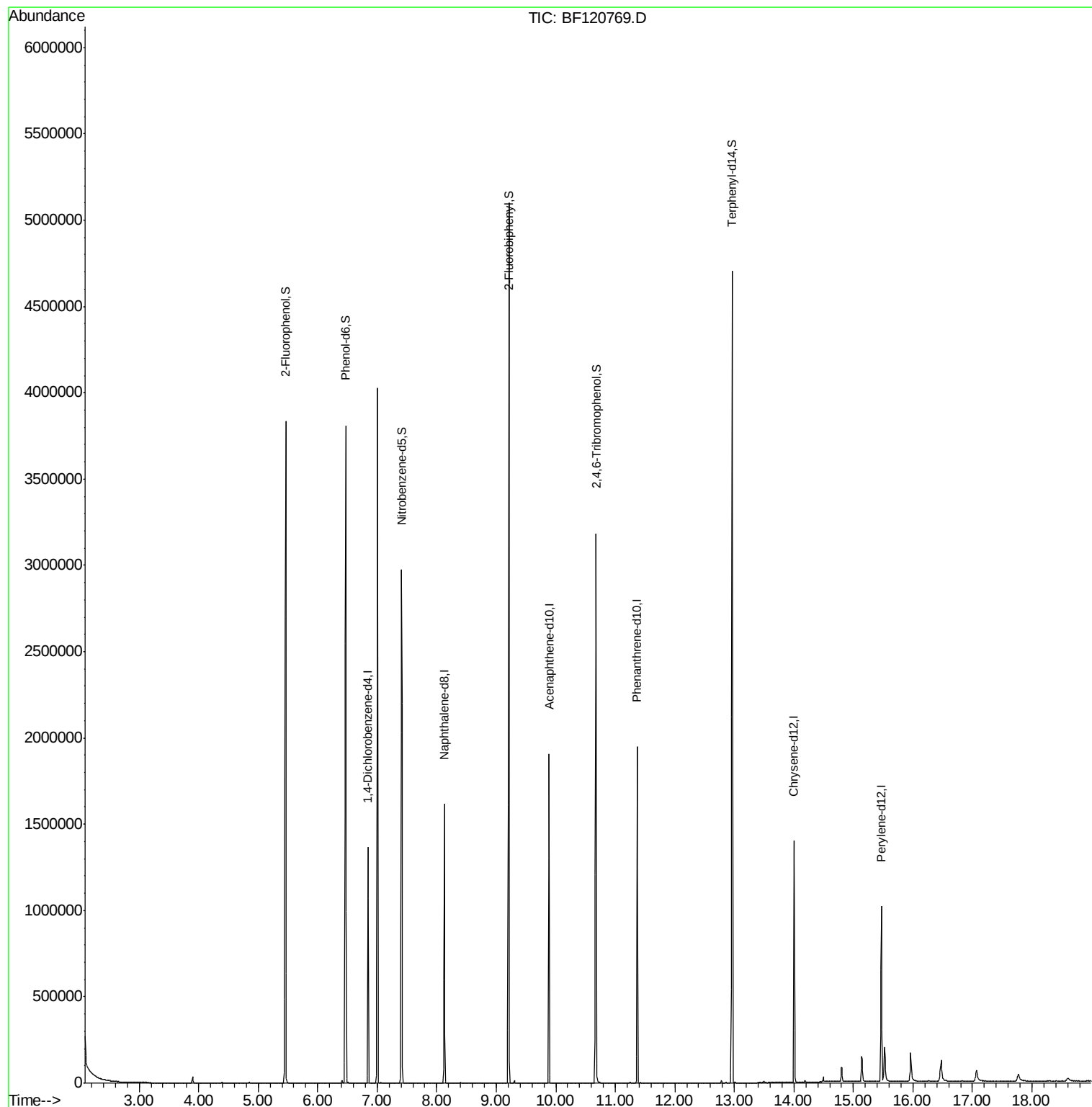
Target Compounds Qvalue

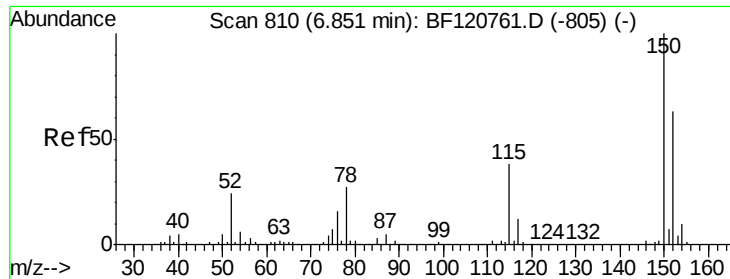
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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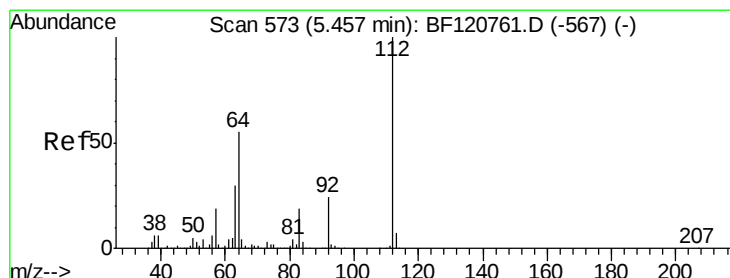
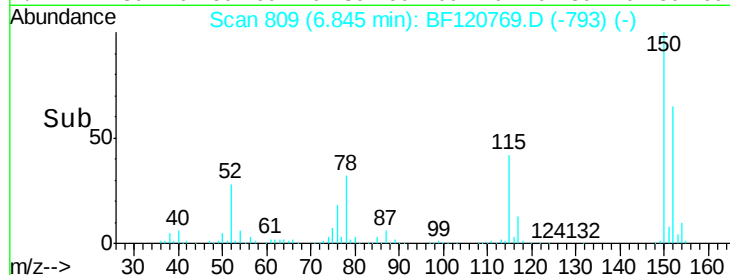
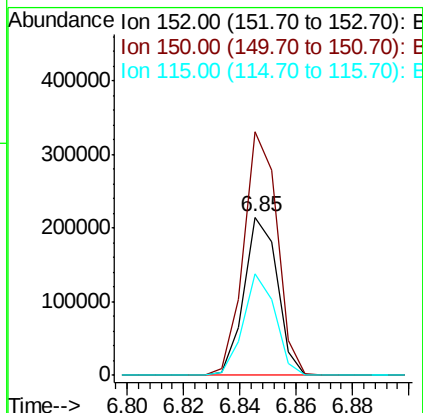
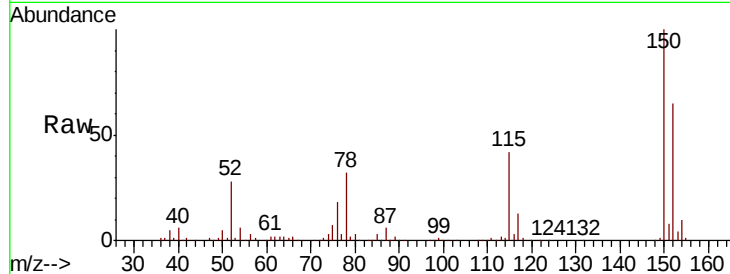


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120769.D
Acq: 6 Jul 2020 10:37

Instrument :
BNA_F
ClientSampleId :
PB129891BL

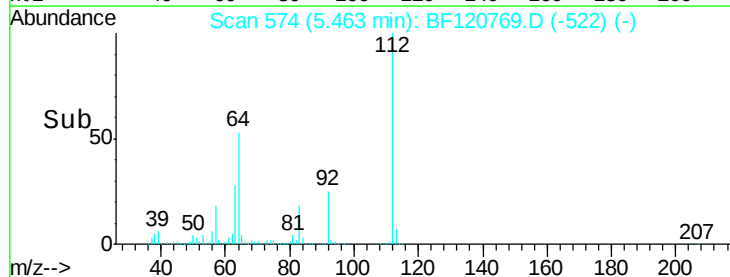
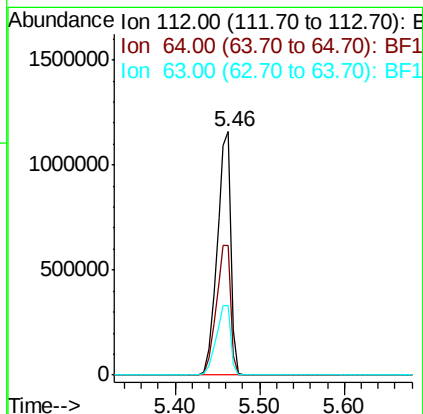
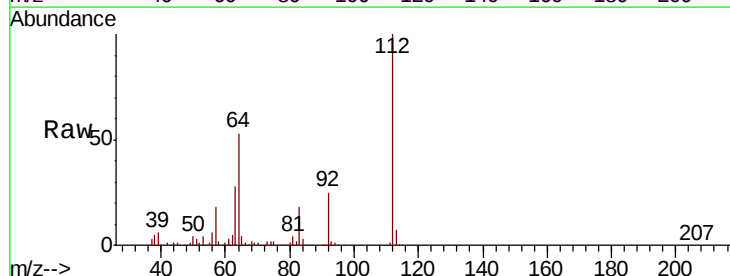
Tot Ion:152 Resp: 176228
Ion Ratio Lower Upper
152 100
150 154.1 126.1 189.1
115 64.3 48.5 72.7

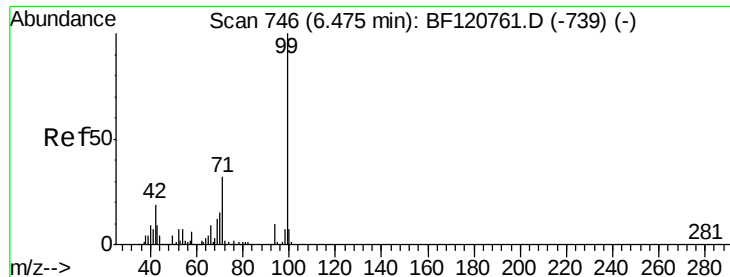


#5

2-Fluorophenol
Concen: 116.393 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF120769.D
Acq: 6 Jul 2020 10:37

Tgt Ion:112 Resp: 1328779
Ion Ratio Lower Upper
112 100
64 53.1 43.8 65.6
63 28.3 23.6 35.4





#7

Phenol-d6

Concen: 110.244 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120769.D

Acq: 6 Jul 2020 10:37

Instrument :

BNA_F

ClientSampleId :

PB129891BL

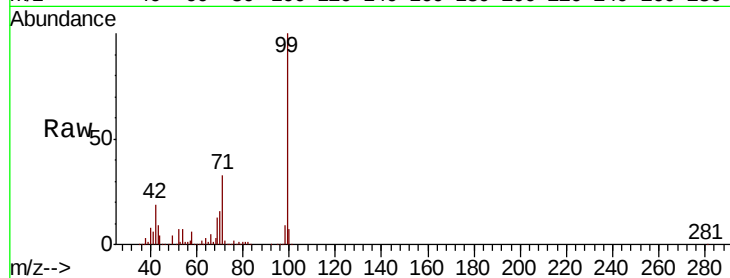
Tot Ion: 99 Resp: 1607258

Ion Ratio Lower Upper

99 100

42 18.6 15.4 23.0

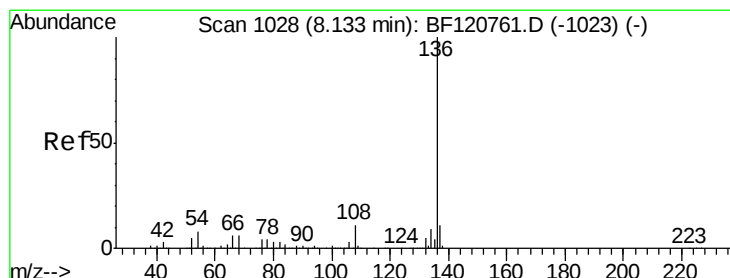
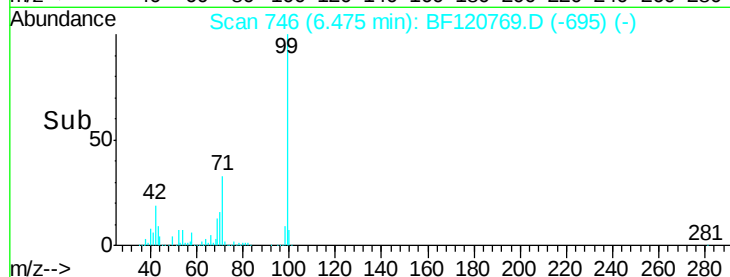
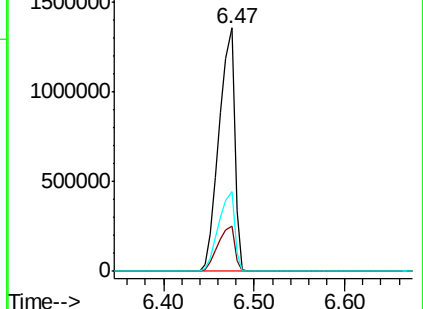
71 32.8 25.9 38.9



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: BF120769.D

Acq: 6 Jul 2020 10:37

Tgt Ion: 136 Resp: 669186

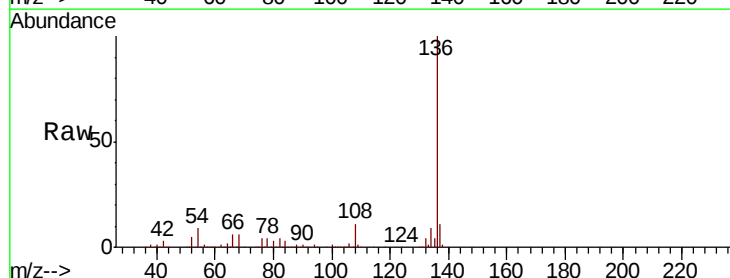
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 8.7 6.2 9.4

68 6.2 4.7 7.1

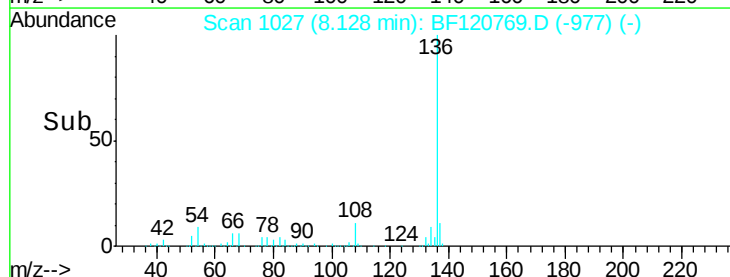
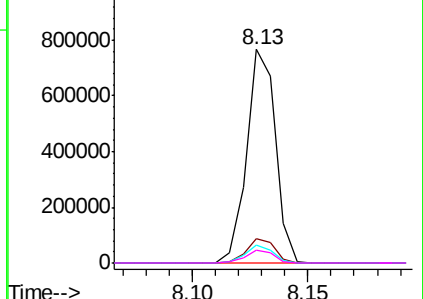


Abundance Ion 136.00 (135.70 to 136.70): E

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

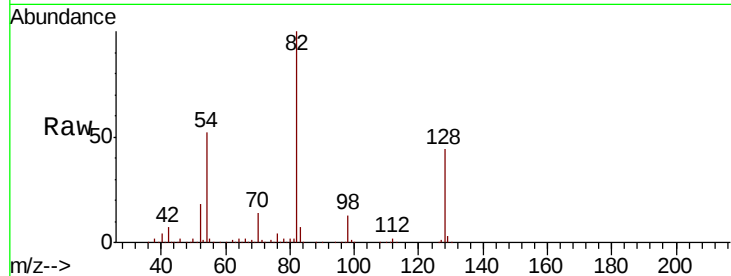




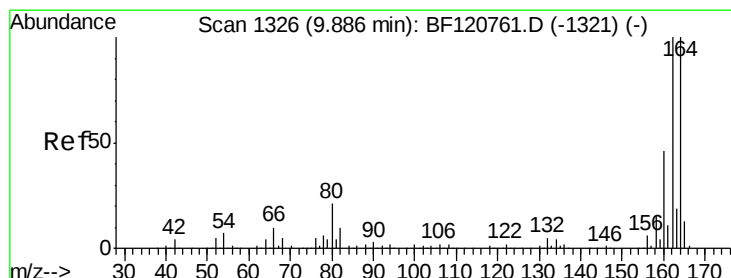
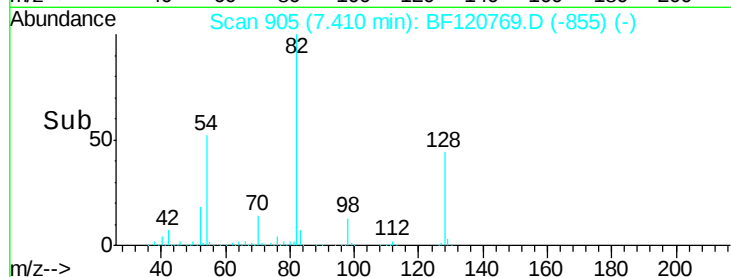
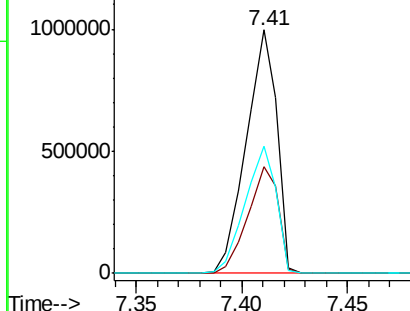
#23
 Nitrobenzene-d5
 Concen: 87.016 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF120769.D
 Acq: 6 Jul 2020 10:37

Instrument :
 BNA_F
 ClientSampleId :
 PB129891BL

Tot Ion: 82 Resp: 1005044
 Ion Ratio Lower Upper
 82 100
 128 43.9 35.7 53.5
 54 52.1 40.9 61.3

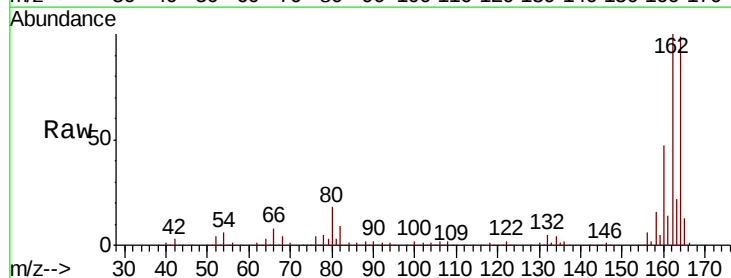


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

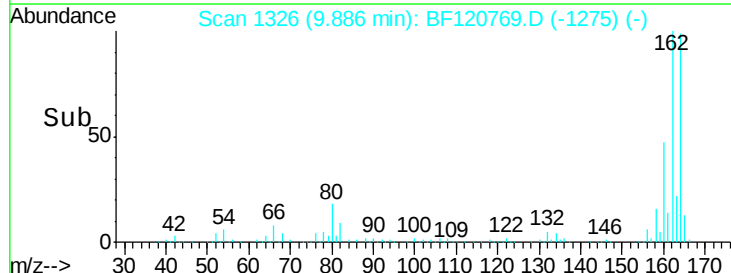
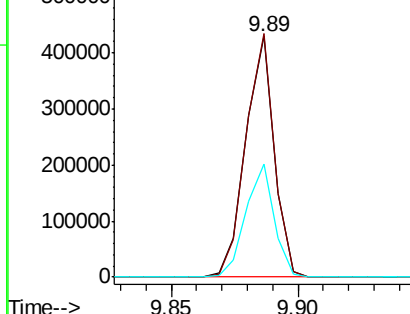


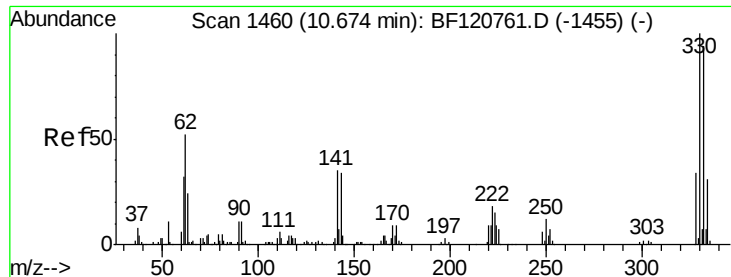
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF120769.D
 Acq: 6 Jul 2020 10:37

Tgt Ion: 164 Resp: 336251
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.2 120.2
 160 47.2 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: 121.301 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF120769.D

Acq: 6 Jul 2020 10:37

Instrument :

BNA_F

ClientSampleId :

PB129891BL

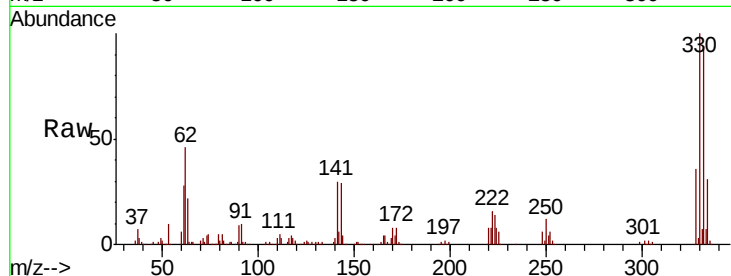
Tot Ion:330 Resp: 409772

Ion Ratio Lower Upper

330 100

332 94.7 75.8 113.6

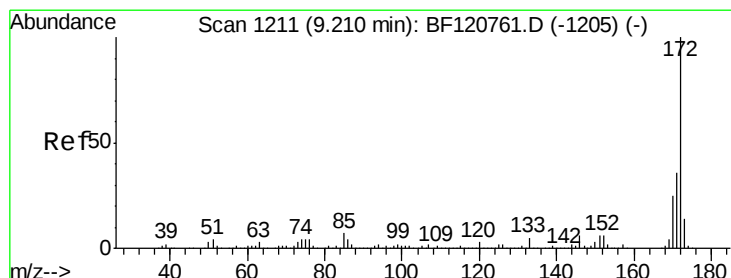
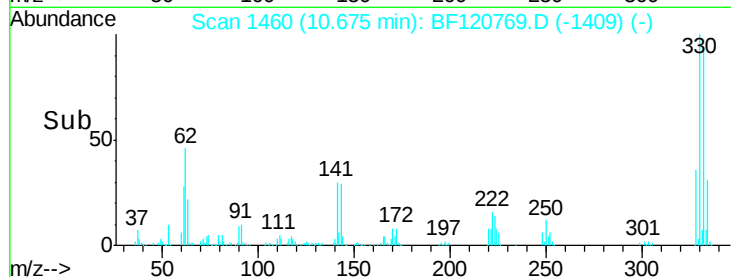
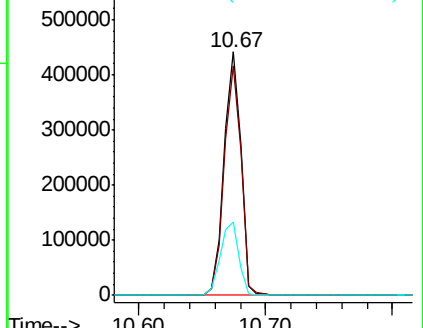
141 33.7 29.7 44.5



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: 77.552 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF120769.D

Acq: 6 Jul 2020 10:37

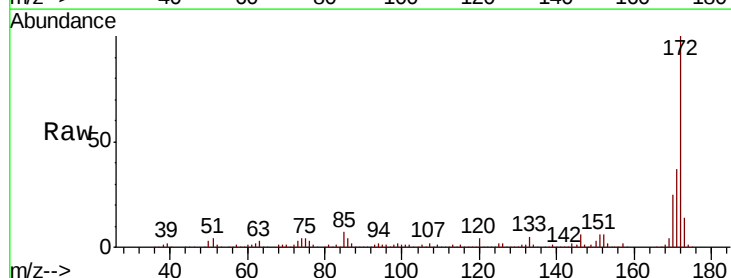
Tgt Ion:172 Resp: 1723582

Ion Ratio Lower Upper

172 100

171 36.9 29.1 43.7

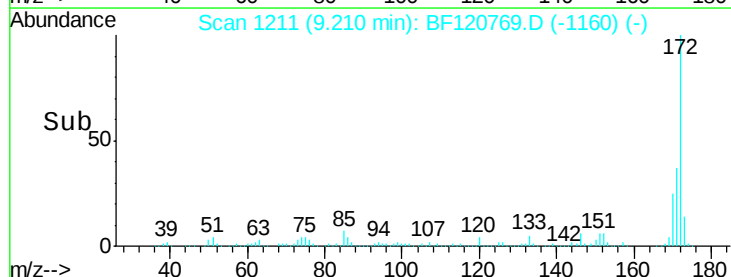
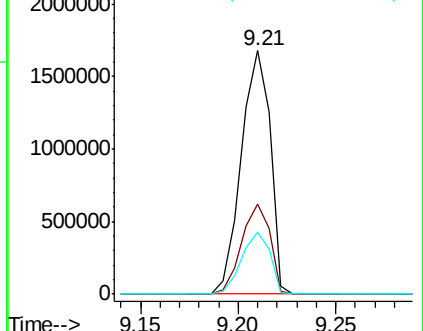
170 25.2 19.8 29.6

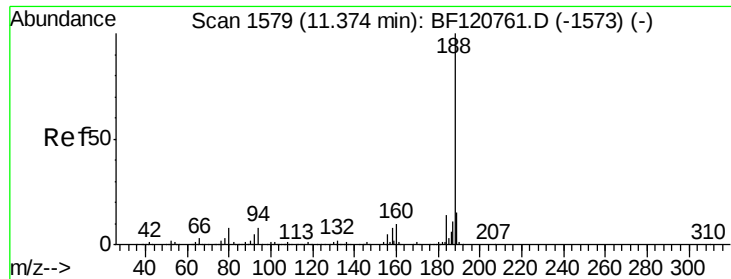


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF120769.D

Acq: 6 Jul 2020 10:37

Instrument :

BNA_F

ClientSampleId :

PB129891BL

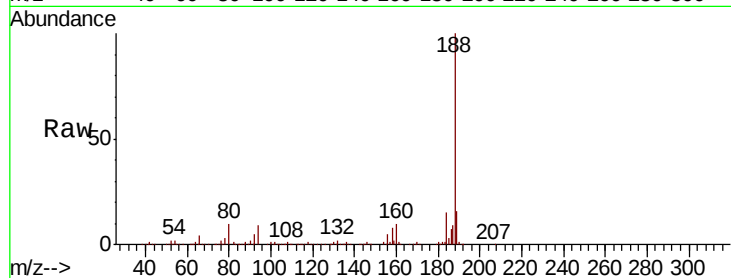
Tot Ion:188 Resp: 625840

Ion Ratio Lower Upper

188 100

94 9.5 6.6 9.8

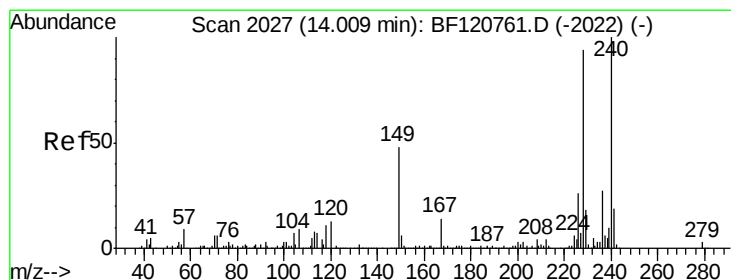
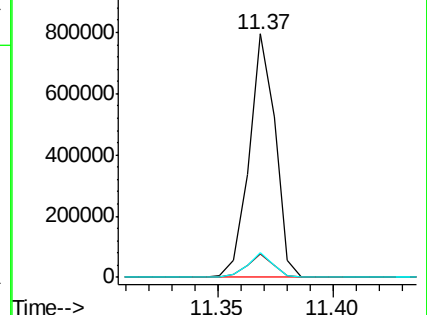
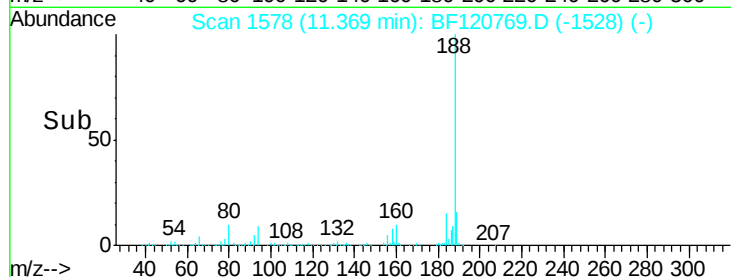
80 10.2 6.6 10.0#



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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF120769.D

Acq: 6 Jul 2020 10:37

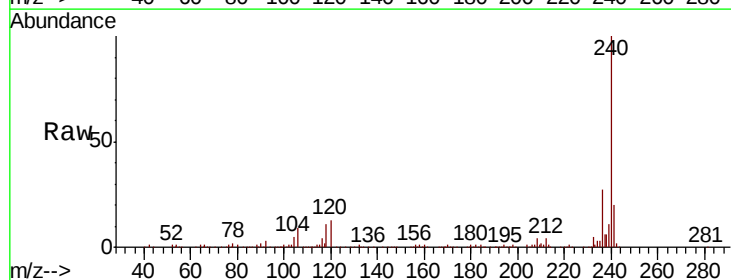
Tgt Ion:240 Resp: 466387

Ion Ratio Lower Upper

240 100

120 12.8 10.3 15.5

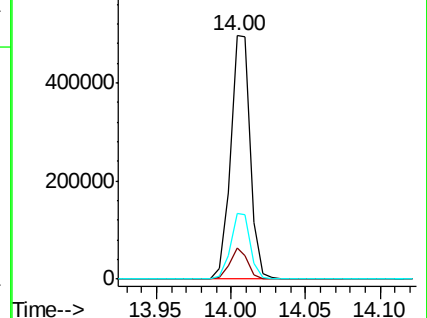
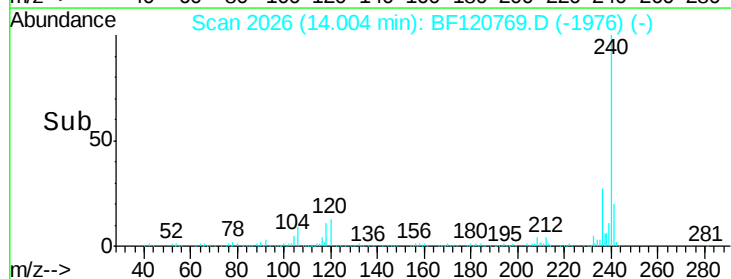
236 26.9 21.4 32.2

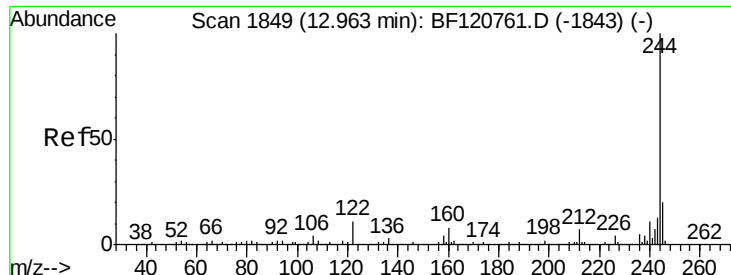


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.805 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120769.D

Acq: 6 Jul 2020 10:37

Instrument :

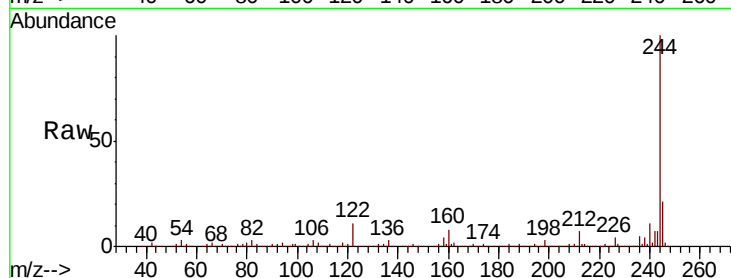
BNA_F

ClientSampleId :

PB129891BL

Tot Ion:244 Resp: 1972497

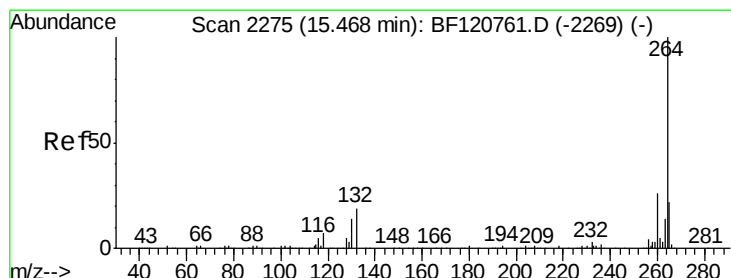
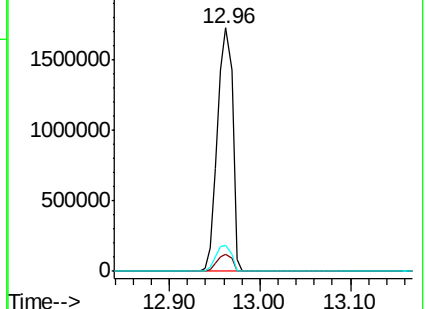
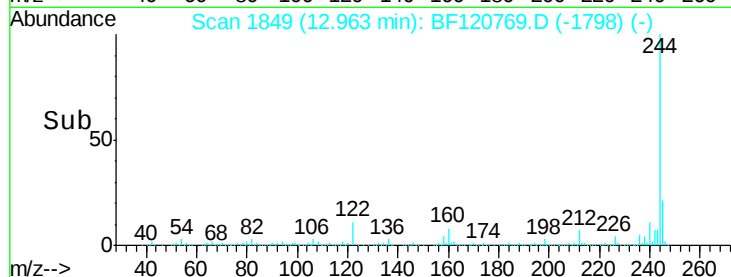
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	10.5	9.0	13.4



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: 15.47 min Scan# 2275

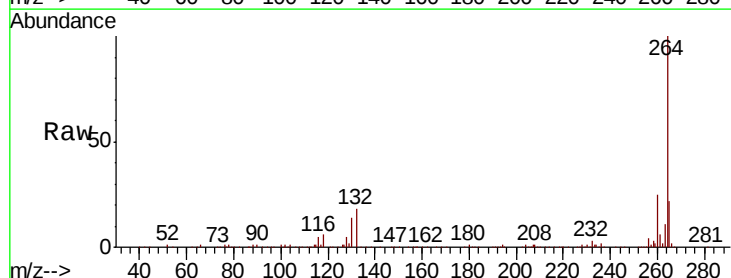
Delta R.T. 0.00 min

Lab File: BF120769.D

Acq: 6 Jul 2020 10:37

Tgt Ion:264 Resp: 431877

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.6	30.8
265	22.2	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

