

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070620\
 Data File : BF120771.D
 Acq On : 6 Jul 2020 11:33
 Operator : JU/CG
 Sample : PB129897BL
 Misc : PBBL02-MDL-WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129897BL

Quant Time: Jul 06 15:09:13 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	181694	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	699086	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	353968	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	655723	20.00	ng	0.00
76) Chrysene-d12	14.00	240	484966	20.00	ng	0.00
86) Perylene-d12	15.47	264	447534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1344630	114.24	ng	0.00
7) Phenol-d6	6.47	99	1685091	112.11	ng	0.00
23) Nitrobenzene-d5	7.41	82	1047119	86.78	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	418205	117.60	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1769096	75.62	ng	0.00
79) Terphenyl-d14	12.96	244	1996486	80.60	ng	0.00

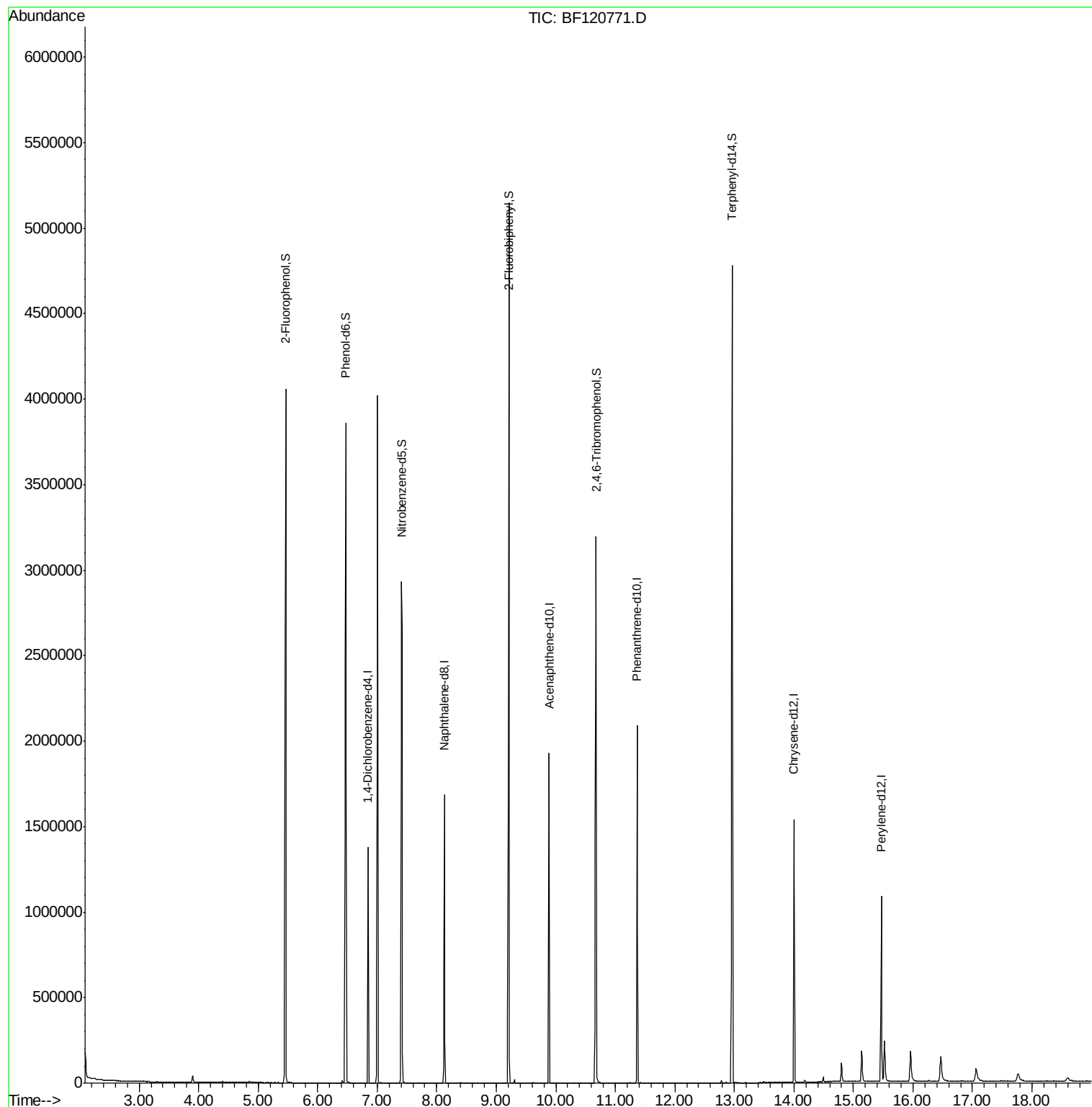
Target Compounds Qvalue

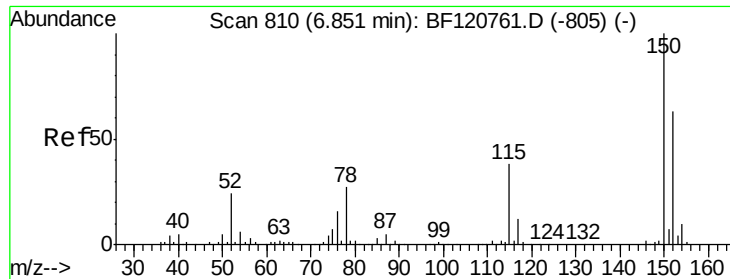
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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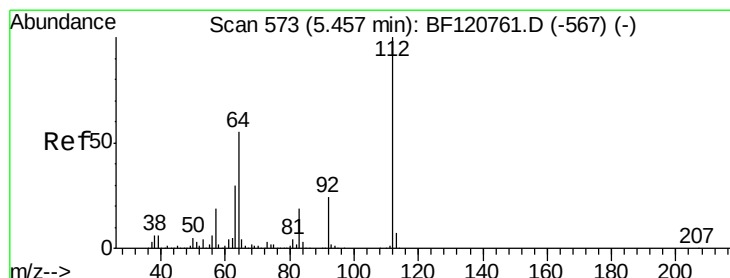
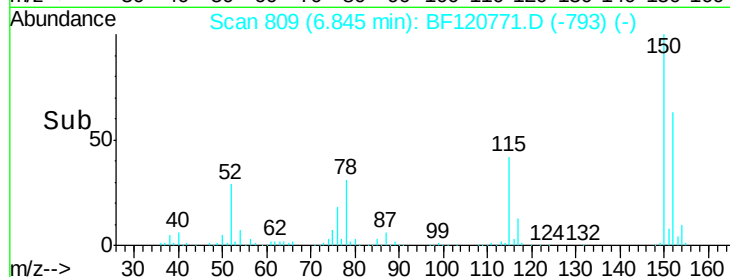
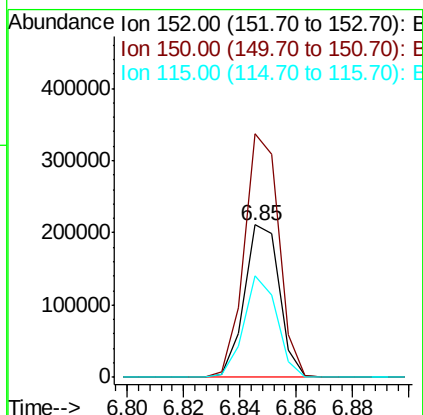
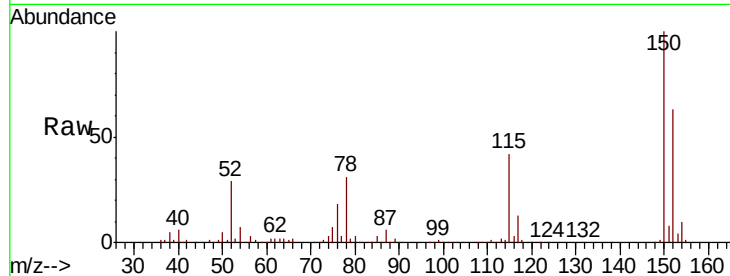


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120771.D
Acq: 6 Jul 2020 11:33

Instrument :
BNA_F
ClientSampleId :
PB129897BL

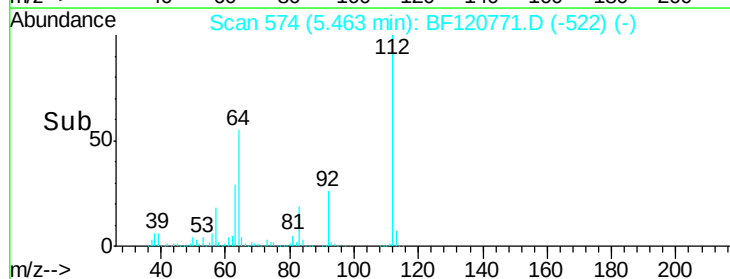
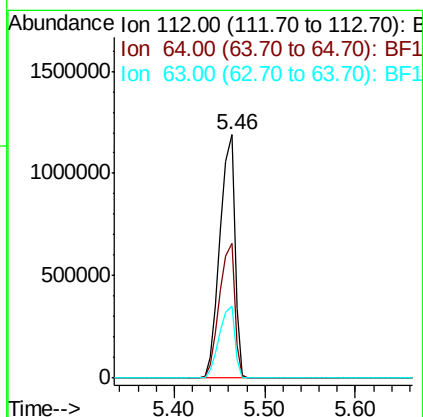
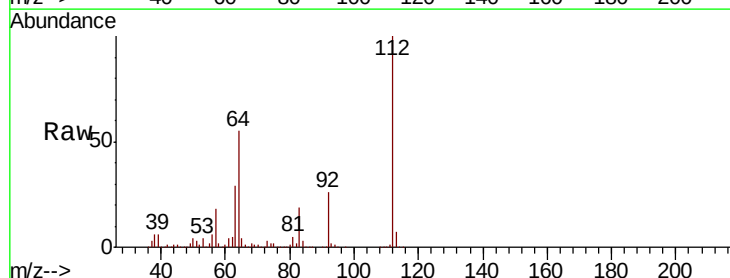
Tot Ion:152 Resp: 181694
Ion Ratio Lower Upper
152 100
150 159.7 126.1 189.1
115 66.7 48.5 72.7

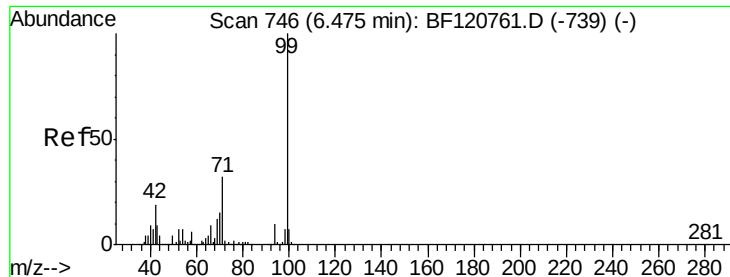


#5

2-Fluorophenol
Concen: 114.238 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF120771.D
Acq: 6 Jul 2020 11:33

Tgt Ion:112 Resp: 1344630
Ion Ratio Lower Upper
112 100
64 55.3 43.8 65.6
63 29.5 23.6 35.4





#7

Phenol-d6

Concen: 112.105 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120771.D

Acq: 6 Jul 2020 11:33

Instrument :

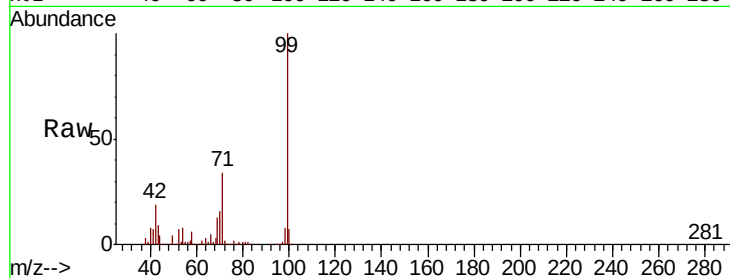
BNA_F

ClientSampleId :

PB129897BL

Tot Ion: 99 Resp: 1685091

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.4	23.0
71	33.5	25.9	38.9

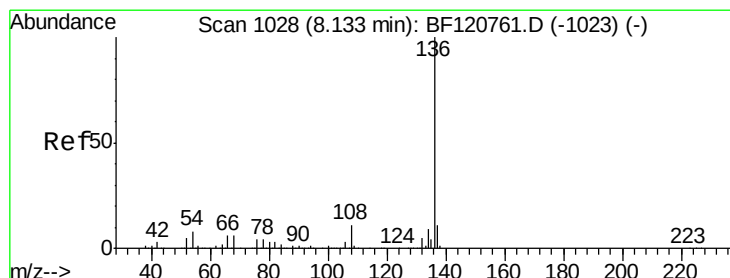
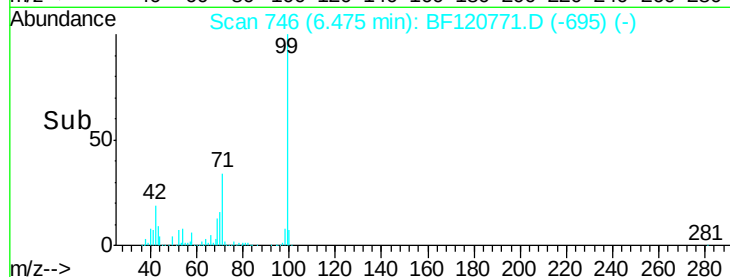
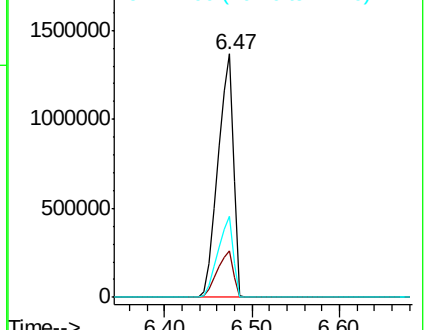


Abundance

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

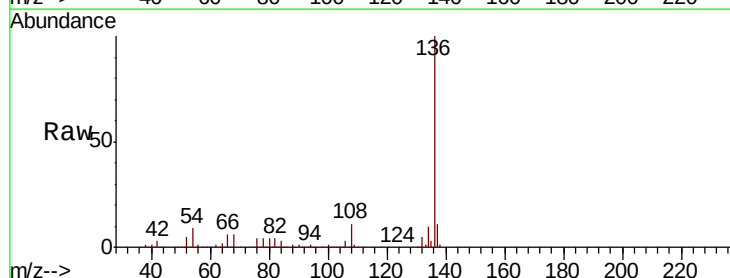
Delta R.T. -0.01 min

Lab File: BF120771.D

Acq: 6 Jul 2020 11:33

Tgt Ion: 136 Resp: 699086

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	8.7	6.2	9.4
68	6.2	4.7	7.1



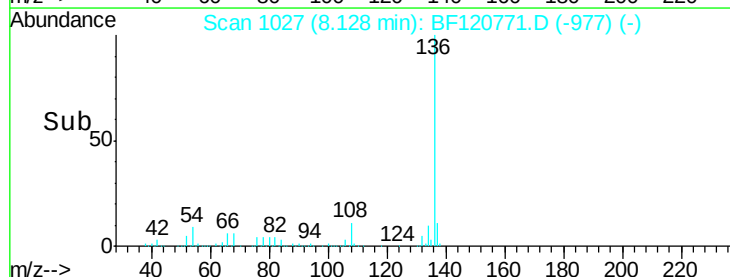
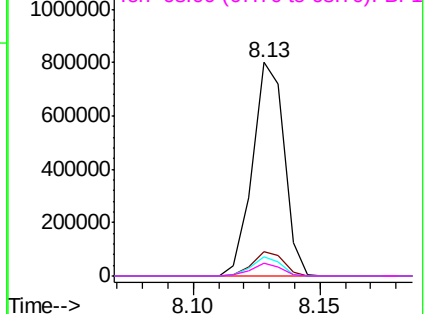
Abundance

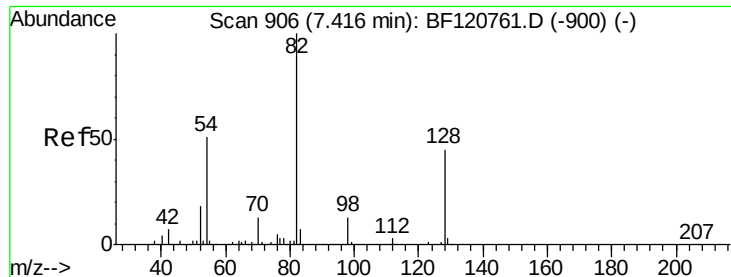
Ion 136.00 (135.70 to 136.70): E

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: 86.781 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF120771.D

Acq: 6 Jul 2020 11:33

Instrument :

BNA_F

ClientSampleId :

PB129897BL

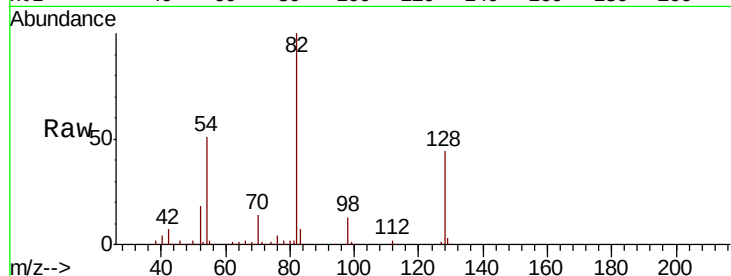
Tot Ion: 82 Resp: 1047119

Ion Ratio Lower Upper

82 100

128 44.1 35.7 53.5

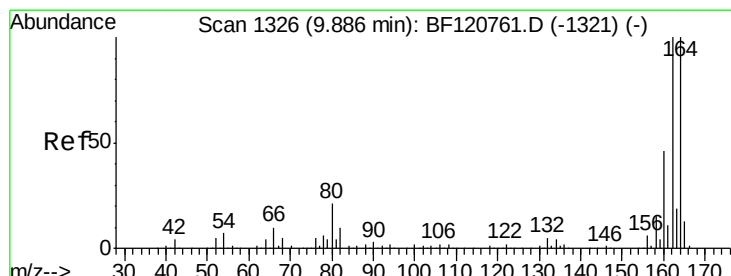
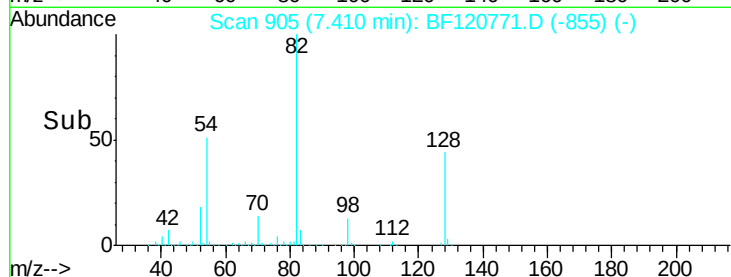
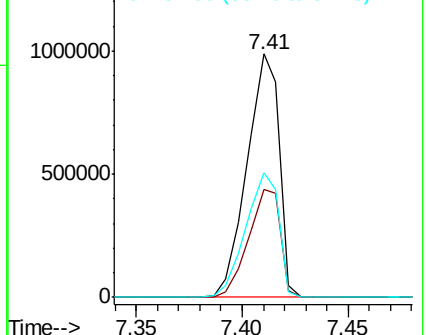
54 51.1 40.9 61.3



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: BF120771.D

Acq: 6 Jul 2020 11:33

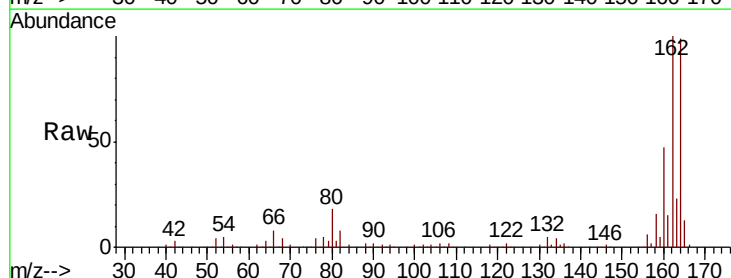
Tgt Ion: 164 Resp: 353968

Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.2

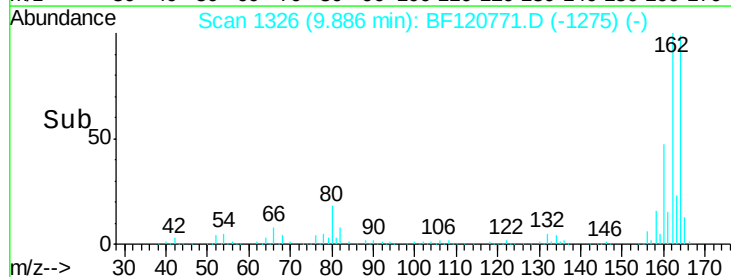
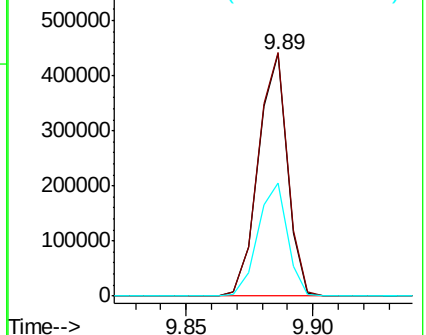
160 47.0 36.9 55.3

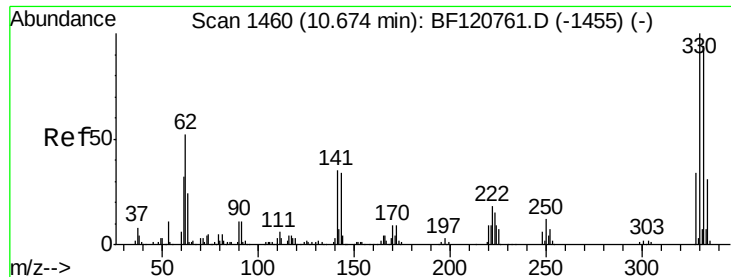


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

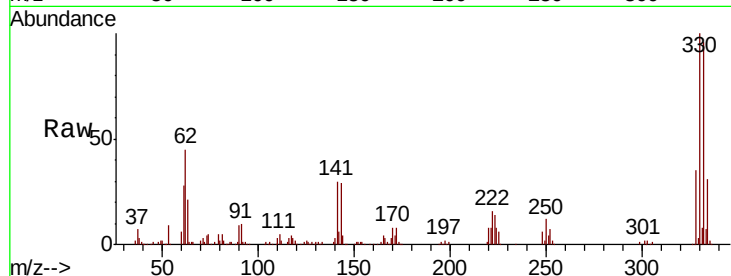




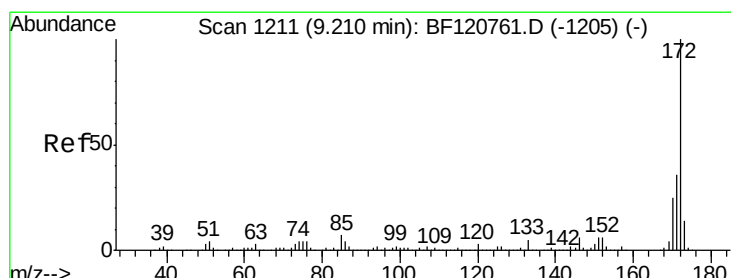
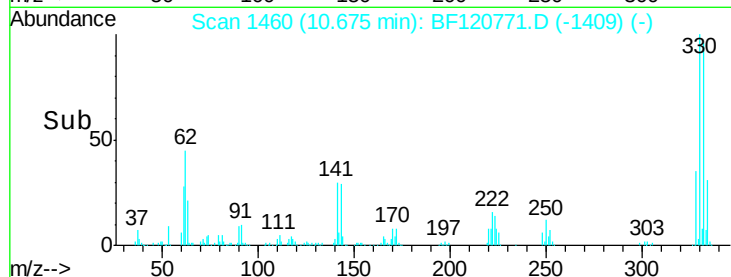
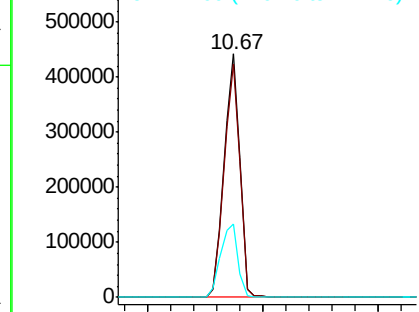
#42
 2,4,6-Tribromophenol
 Concen: 117.601 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF120771.D
 Acq: 6 Jul 2020 11:33

Instrument :
 BNA_F
 ClientSampleId :
 PB129897BL

Tot Ion:330 Resp: 418205
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.8 113.6
 141 33.3 29.7 44.5

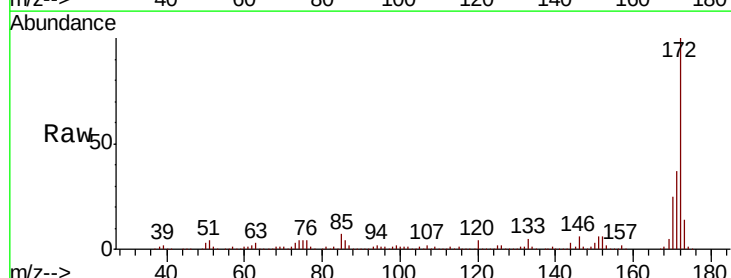


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

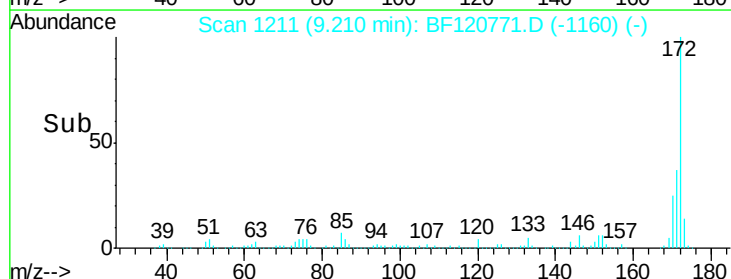
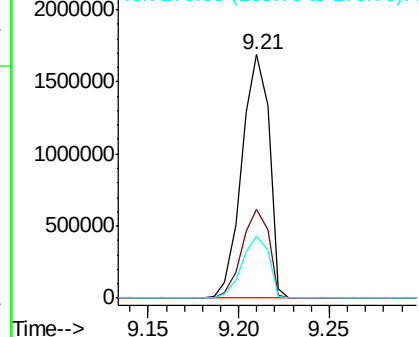


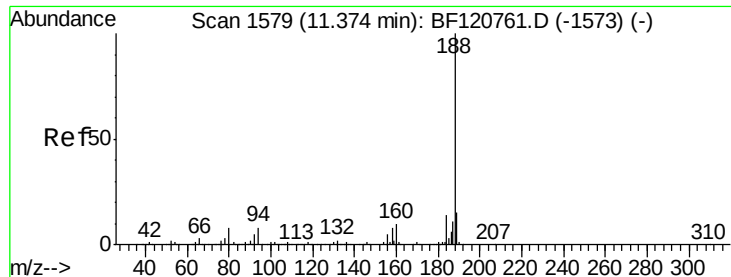
#45
 2-Fluorobiphenyl
 Concen: 75.615 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF120771.D
 Acq: 6 Jul 2020 11:33

Tgt Ion:172 Resp: 1769096
 Ion Ratio Lower Upper
 172 100
 171 36.7 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: BF120771.D

Acq: 6 Jul 2020 11:33

Instrument :

BNA_F

ClientSampleId :

PB129897BL

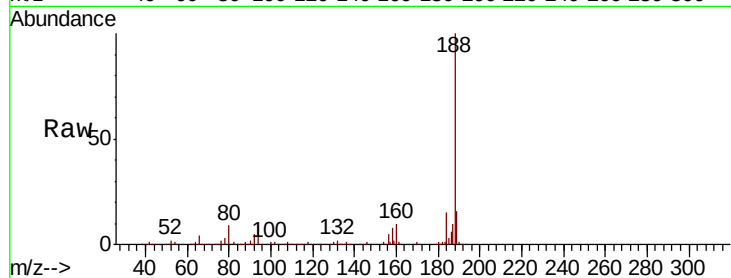
Tot Ion:188 Resp: 655723

Ion Ratio Lower Upper

188 100

94 8.8 6.6 9.8

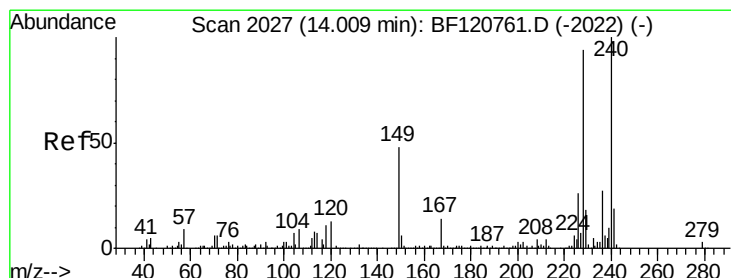
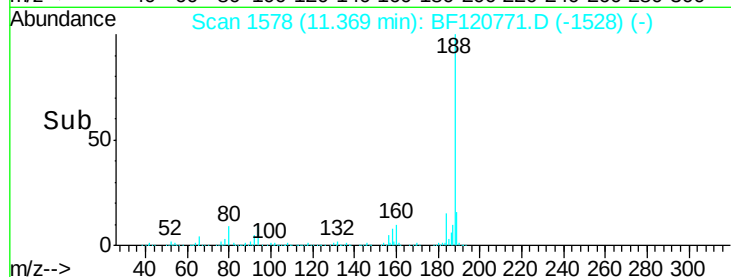
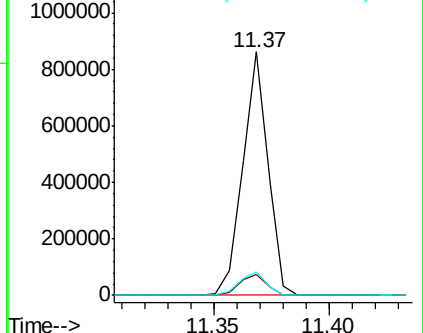
80 9.5 6.6 10.0



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: BF120771.D

Acq: 6 Jul 2020 11:33

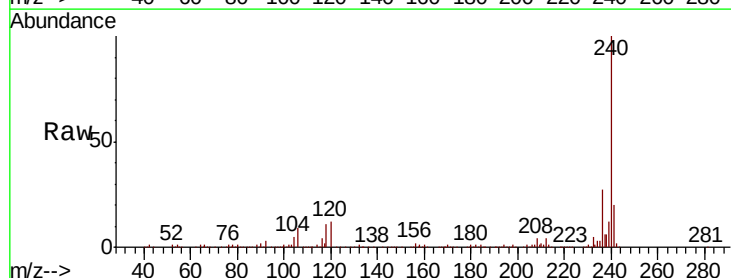
Tgt Ion:240 Resp: 484966

Ion Ratio Lower Upper

240 100

120 12.1 10.3 15.5

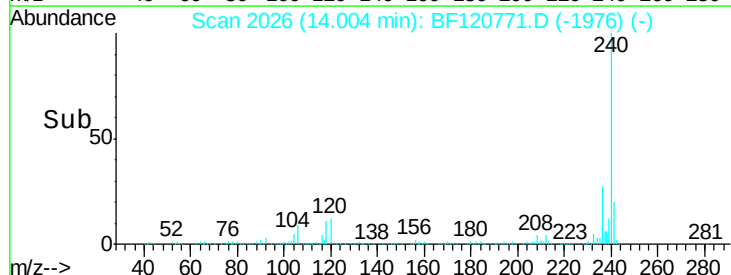
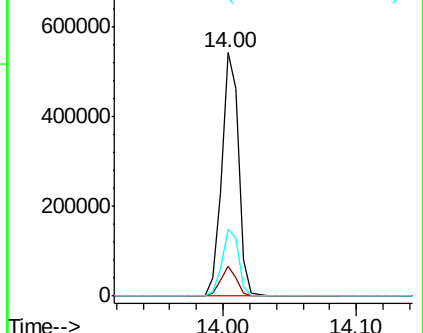
236 27.4 21.4 32.2

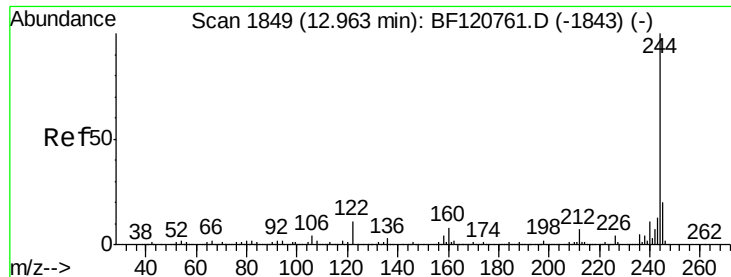


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.601 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120771.D

Acq: 6 Jul 2020 11:33

Instrument :

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ClientSampleId :

PB129897BL

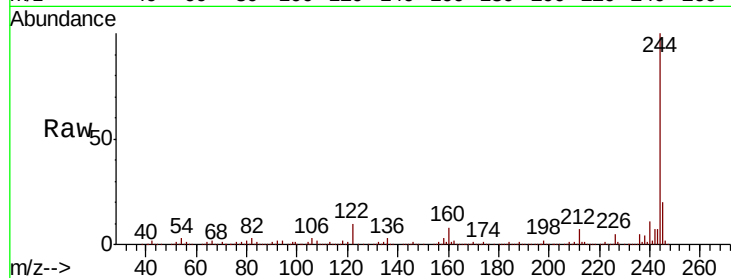
Tot Ion:244 Resp: 1996486

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

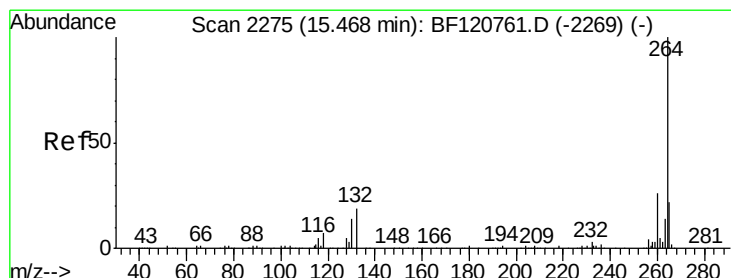
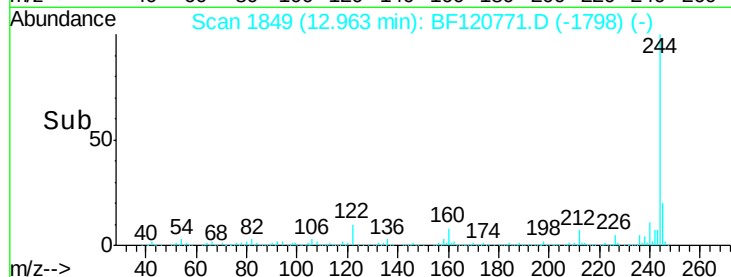
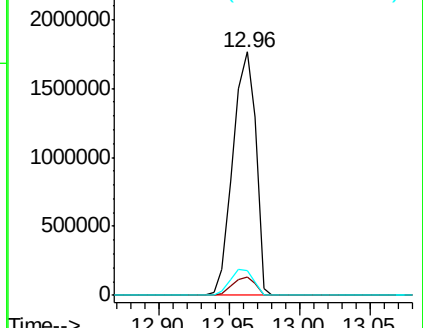
122 10.0 9.0 13.4



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: BF120771.D

Acq: 6 Jul 2020 11:33

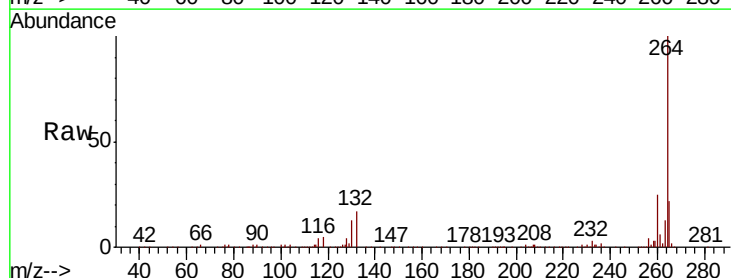
Tgt Ion:264 Resp: 447534

Ion Ratio Lower Upper

264 100

260 25.0 20.6 30.8

265 21.8 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

