

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
 Data File : BF120865.D
 Acq On : 14 Jul 2020 17:19
 Operator : JU/CG
 Sample : L3179-01 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071320

Quant Time: Jul 14 17:48:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 14:16:14 2020
 Response via : Initial Calibration

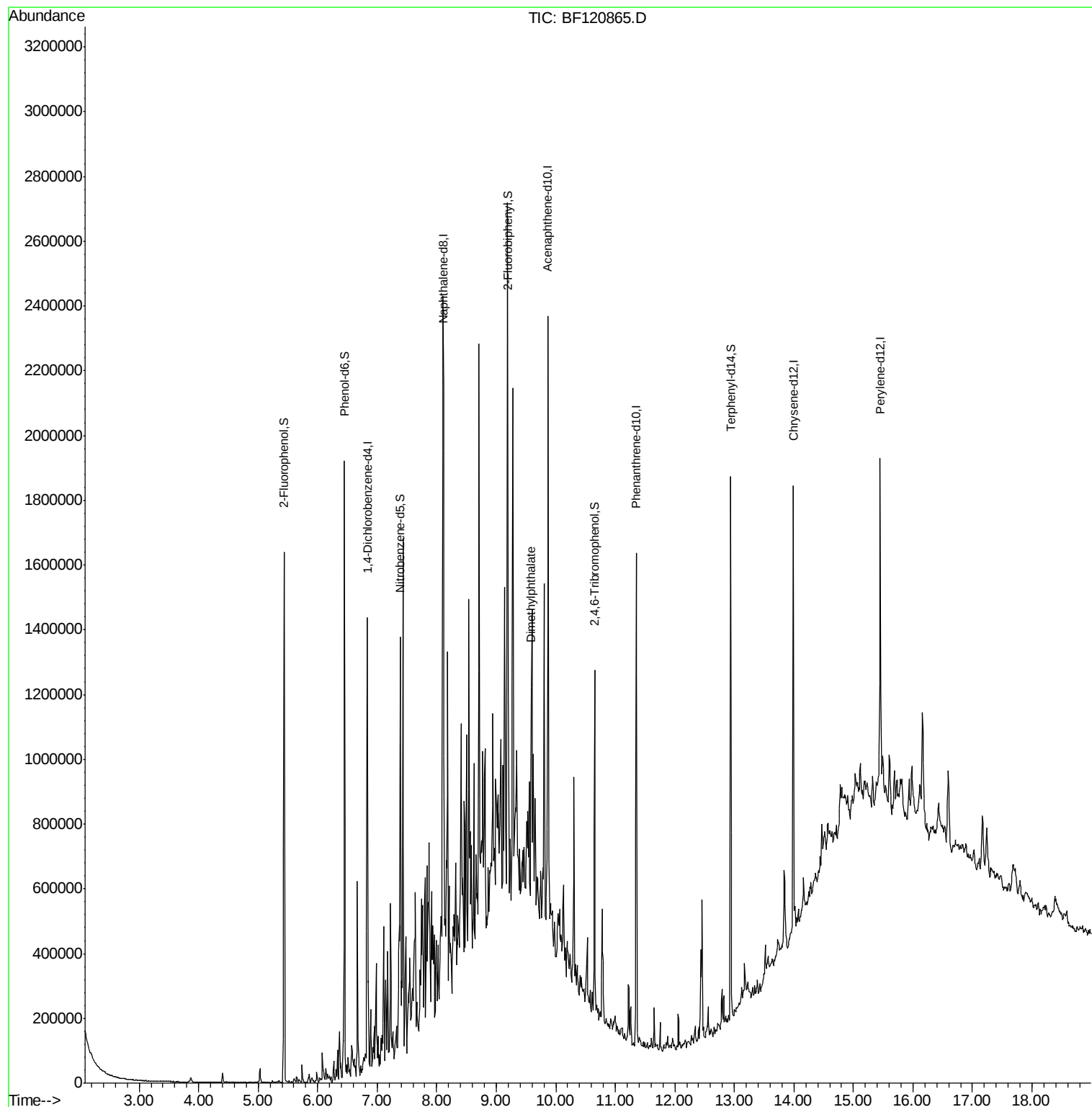
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	203154	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	729707	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	343501	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	547904	20.00	ng	0.00
76) Chrysene-d12	13.99	240	458182	20.00	ng	-0.01
86) Perylene-d12	15.45	264	474354	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	479596	36.44	ng	0.00
7) Phenol-d6	6.45	99	570841	33.97	ng	-0.01
23) Nitrobenzene-d5	7.39	82	348747	27.69	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	116494	33.76	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	644684	28.40	ng	0.00
79) Terphenyl-d14	12.94	244	495231	21.16	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	89011	3.552	ng	Qvalue # 97

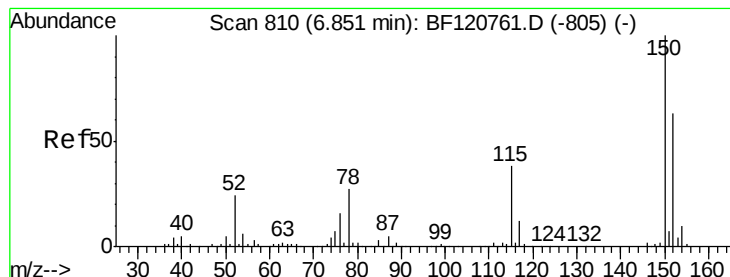
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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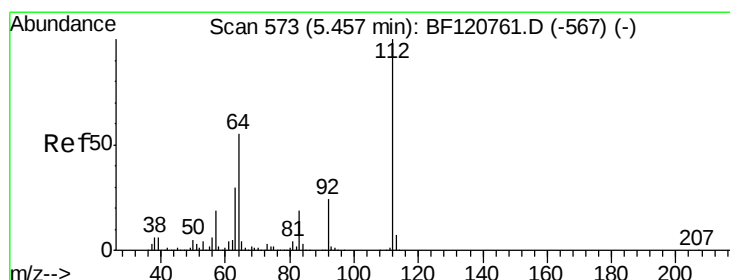
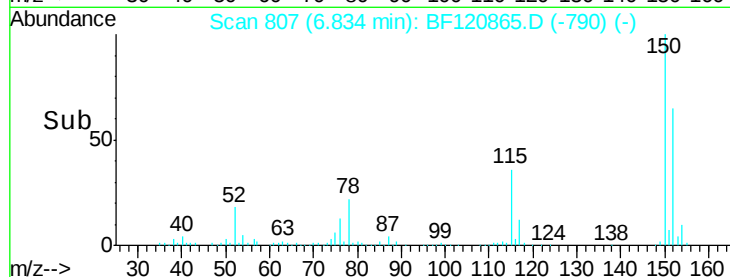
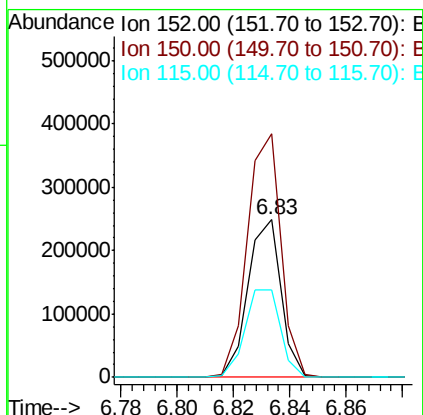
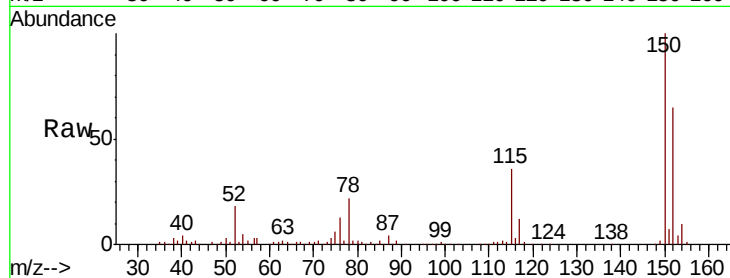


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF120865.D
Acq: 14 Jul 2020 17:19

Instrument :
BNA_F
ClientSampleId :
HR-05-071320

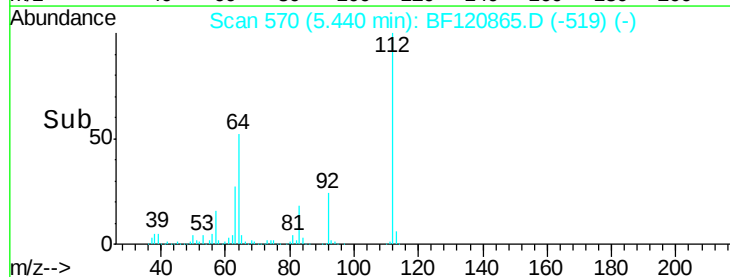
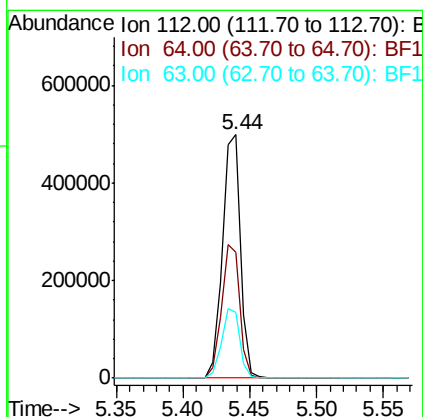
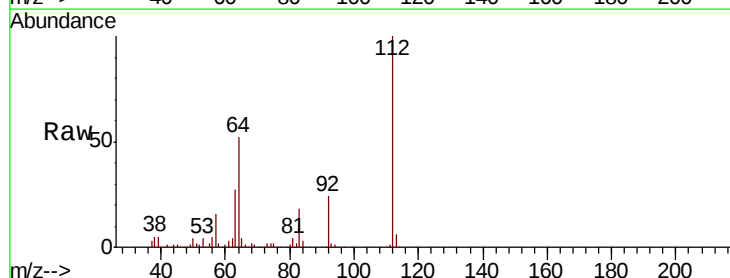
Tot Ion:152 Resp: 203154
Ion Ratio Lower Upper
152 100
150 154.6 126.1 189.1
115 56.0 48.5 72.7

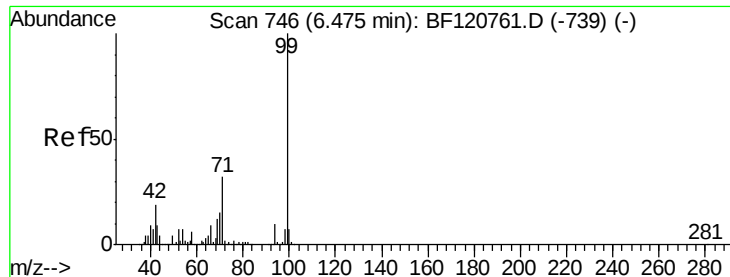


#5

2-Fluorophenol
Concen: 36.442 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF120865.D
Acq: 14 Jul 2020 17:19

Tgt Ion:112 Resp: 479596
Ion Ratio Lower Upper
112 100
64 51.9 43.8 65.6
63 27.0 23.6 35.4





#7

Phenol-d6

Concen: 33.965 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF120865.D

Acq: 14 Jul 2020 17:19

Instrument :

BNA_F

ClientSampleId :

HR-05-071320

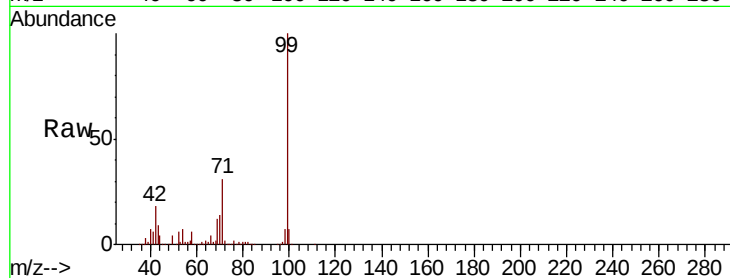
Tot Ion: 99 Resp: 570841

Ion Ratio Lower Upper

99 100

42 17.7 15.4 23.0

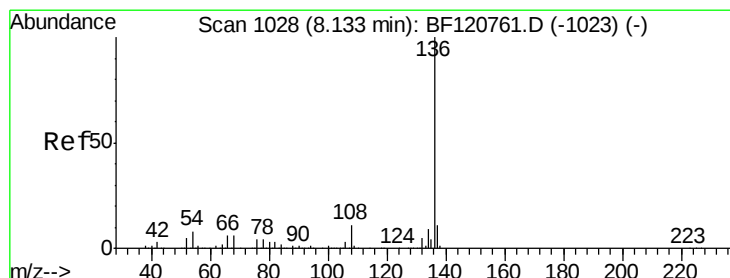
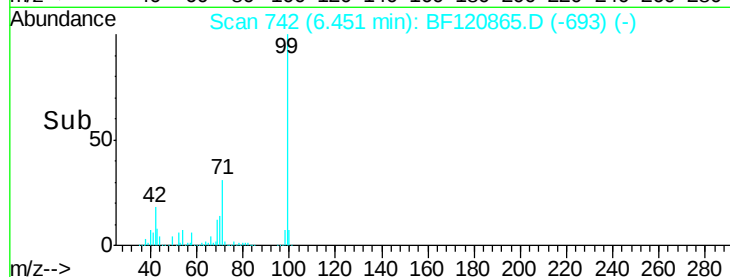
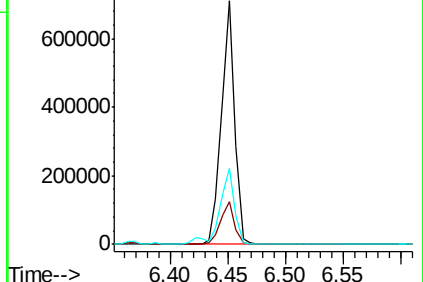
71 31.2 25.9 38.9



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: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF120865.D

Acq: 14 Jul 2020 17:19

Tgt Ion: 136 Resp: 729707

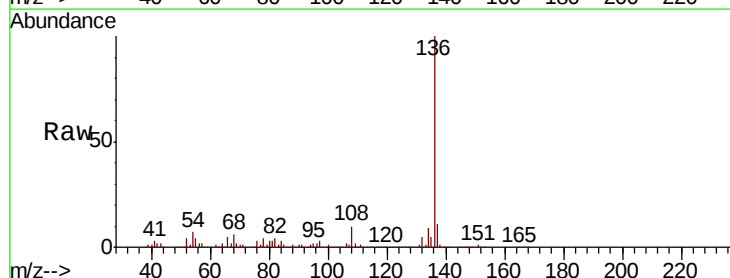
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 7.3 6.2 9.4

68 6.2 4.7 7.1

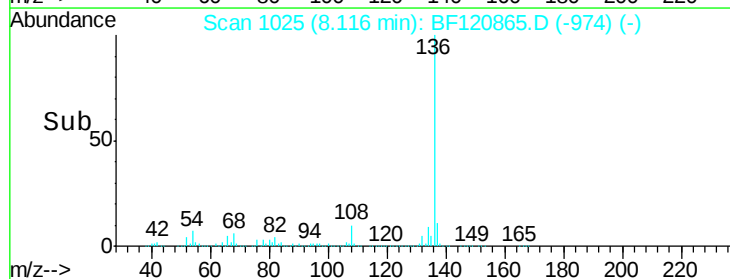
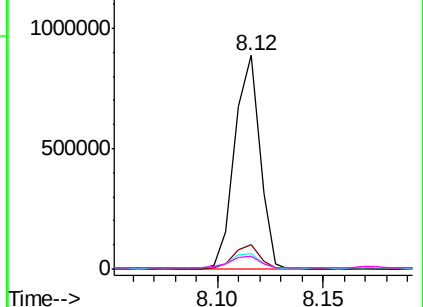


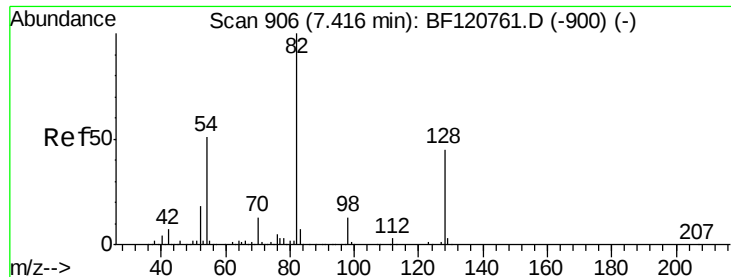
Abundance Ion 136.00 (135.70 to 136.70): E

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: 27.690 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF120865.D

Acq: 14 Jul 2020 17:19

Instrument :

BNA_F

ClientSampled :

HR-05-071320

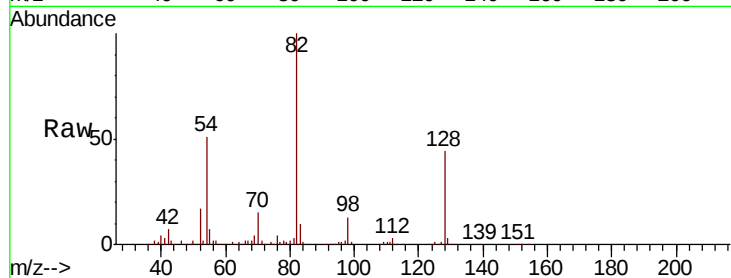
Tot Ion: 82 Resp: 348747

Ion Ratio Lower Upper

82 100

128 43.6 35.7 53.5

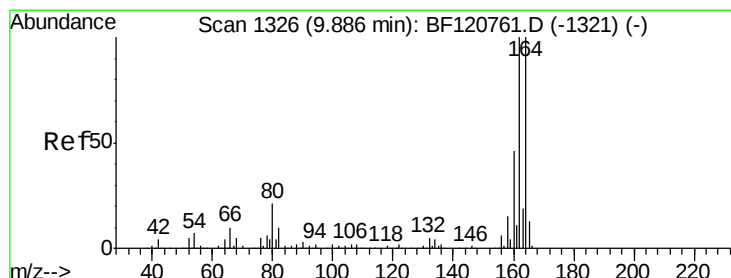
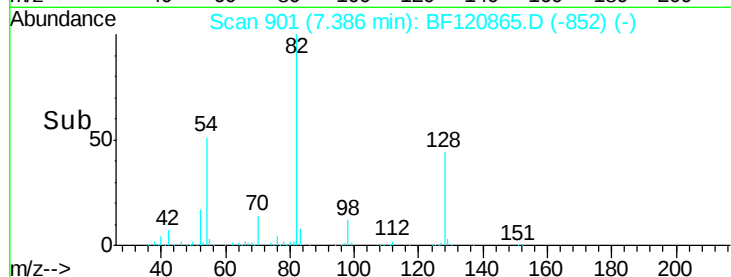
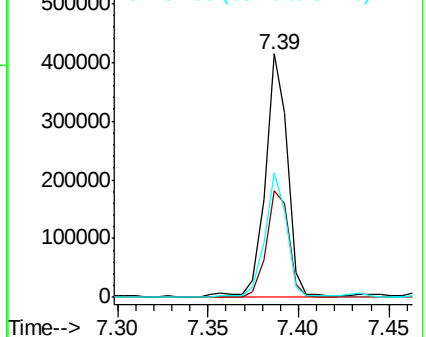
54 51.0 40.9 61.3



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: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF120865.D

Acq: 14 Jul 2020 17:19

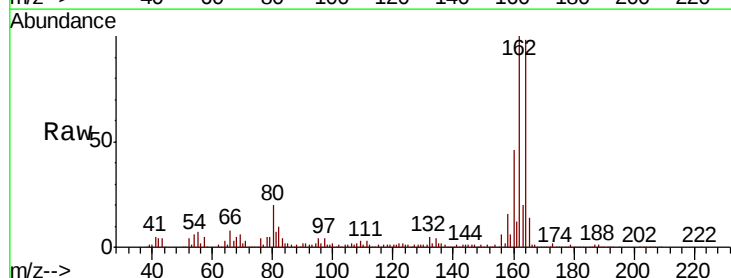
Tgt Ion: 164 Resp: 343501

Ion Ratio Lower Upper

164 100

162 101.6 80.2 120.2

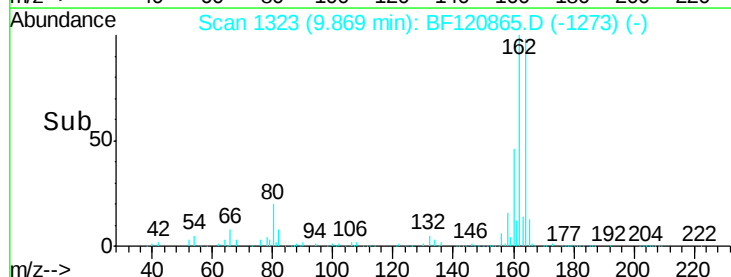
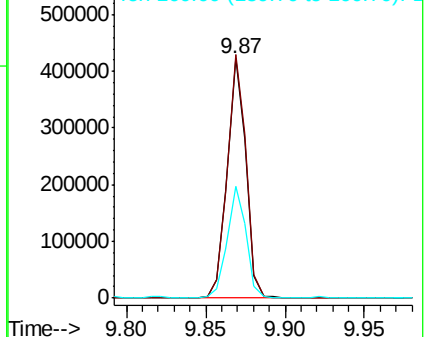
160 46.9 36.9 55.3

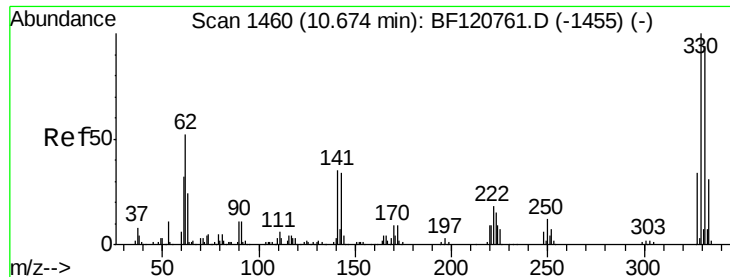


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 33.757 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF120865.D

Acq: 14 Jul 2020 17:19

Instrument :

BNA_F

ClientSampleId :

HR-05-071320

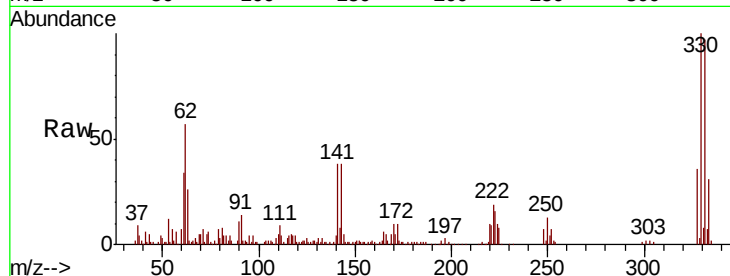
Tot Ion:330 Resp: 116494

Ion Ratio Lower Upper

330 100

332 95.9 75.8 113.6

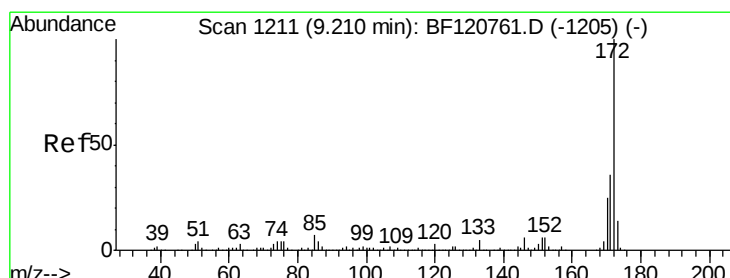
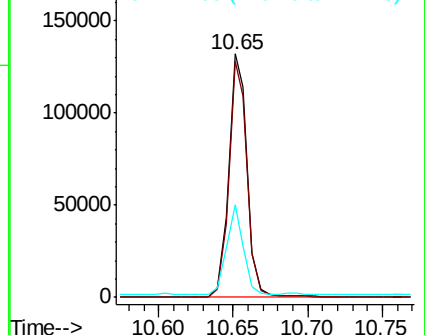
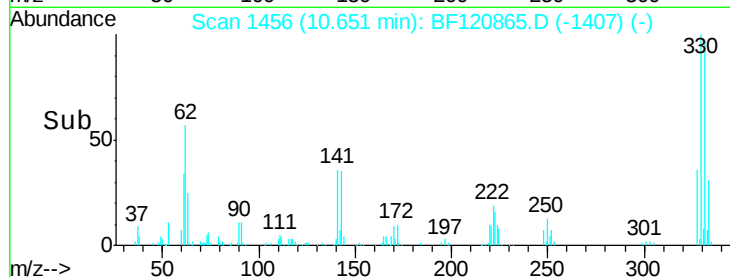
141 33.0 29.7 44.5



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: 28.395 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF120865.D

Acq: 14 Jul 2020 17:19

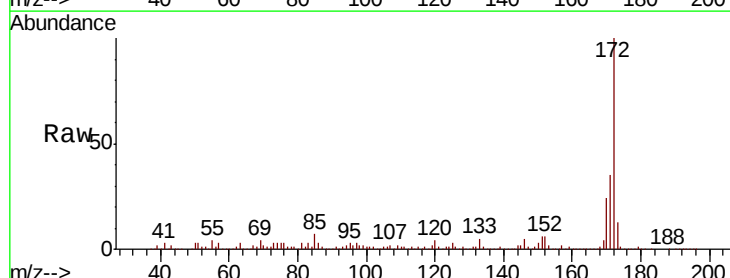
Tgt Ion:172 Resp: 644684

Ion Ratio Lower Upper

172 100

171 34.9 29.1 43.7

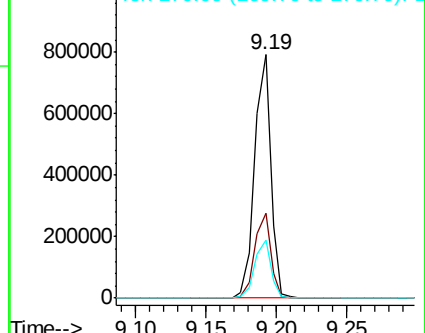
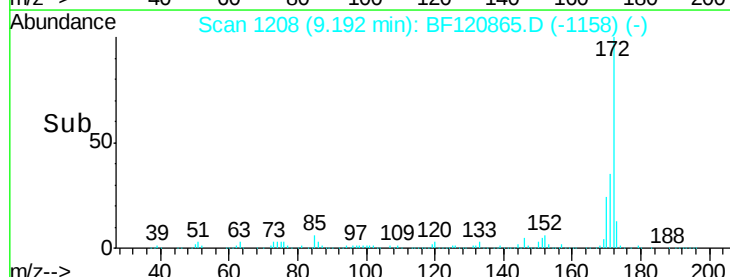
170 24.1 19.8 29.6

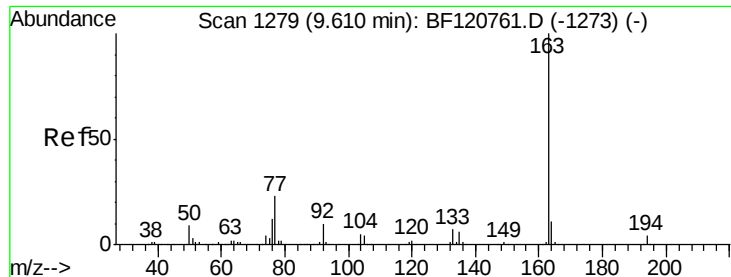


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.552 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF120865.D

Acq: 14 Jul 2020 17:19

Instrument :

BNA_F

ClientSampleId :

HR-05-071320

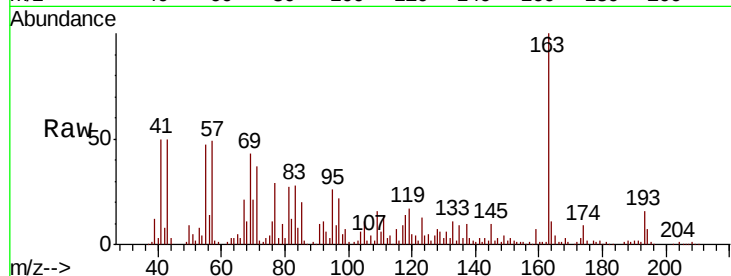
Tot Ion:163 Resp: 89011

Ion Ratio Lower Upper

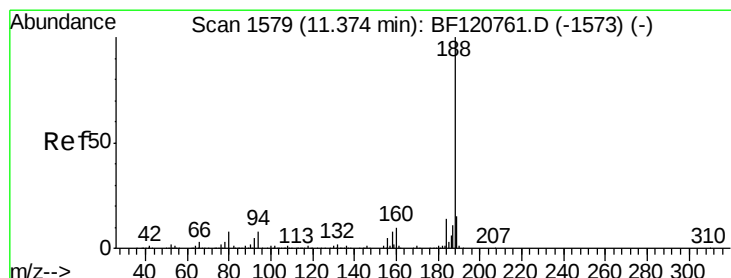
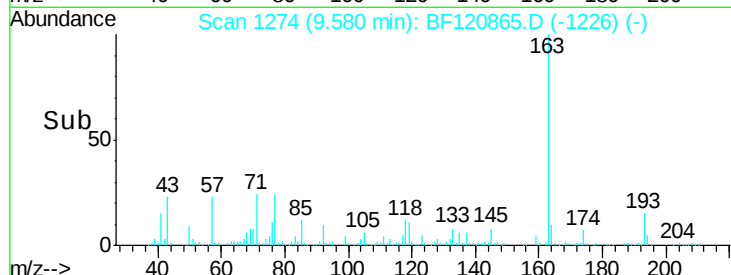
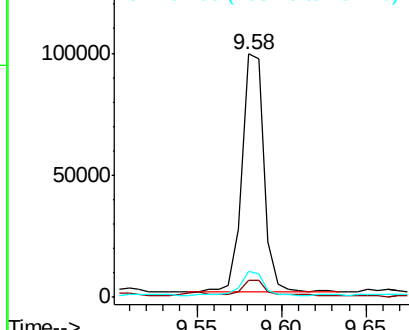
163 100

194 6.8 2.9 4.3#

164 10.8 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF120865.D

Acq: 14 Jul 2020 17:19

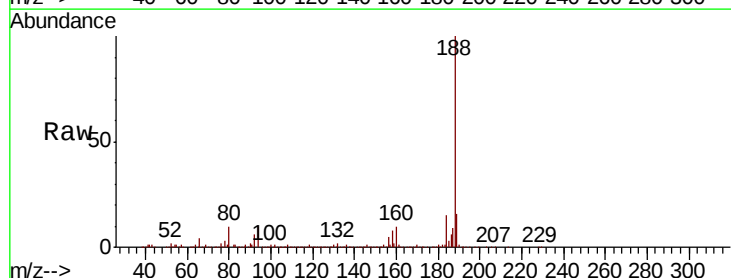
Tgt Ion:188 Resp: 547904

Ion Ratio Lower Upper

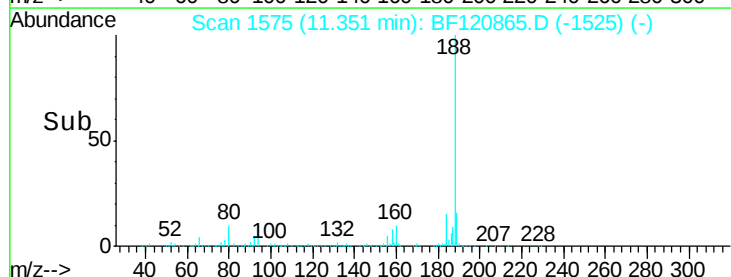
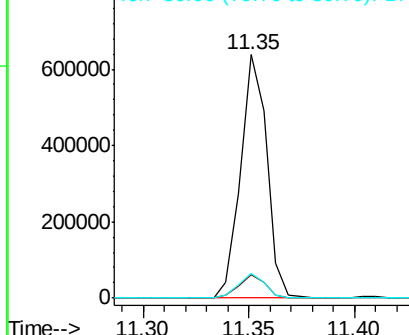
188 100

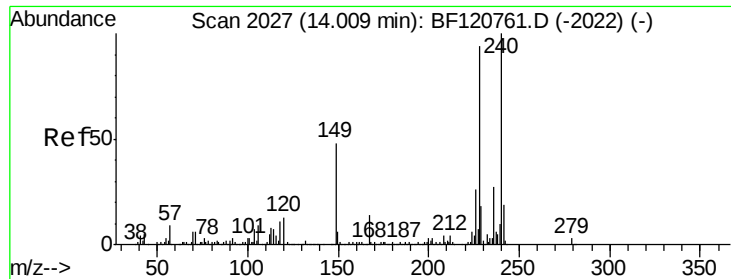
94 9.8 6.6 9.8

80 10.0 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

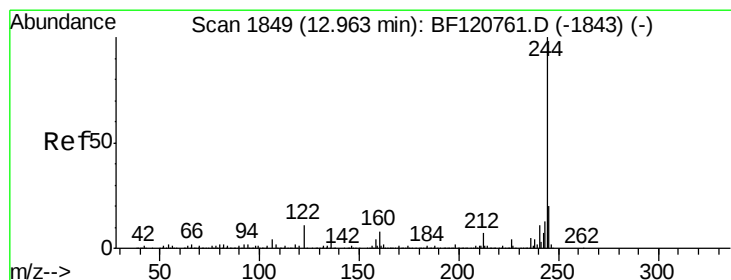
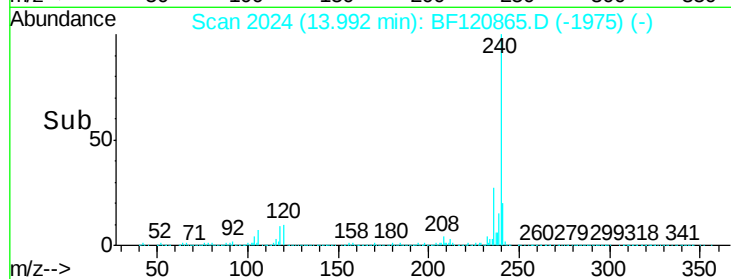
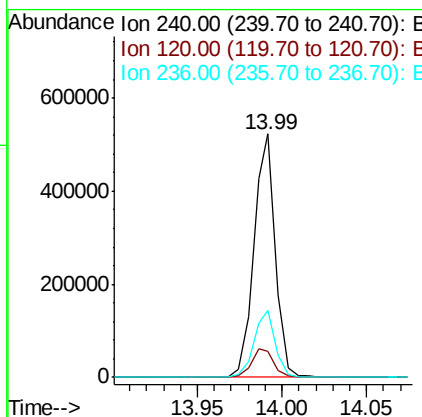
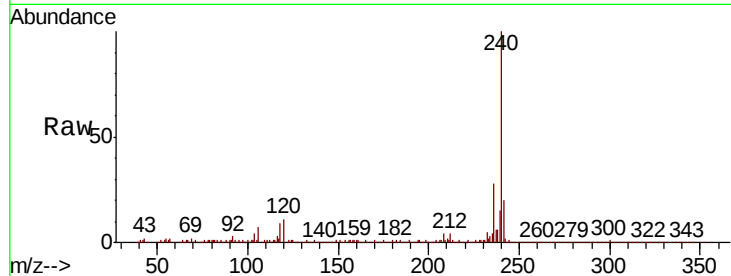




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF120865.D
 Acq: 14 Jul 2020 17:19

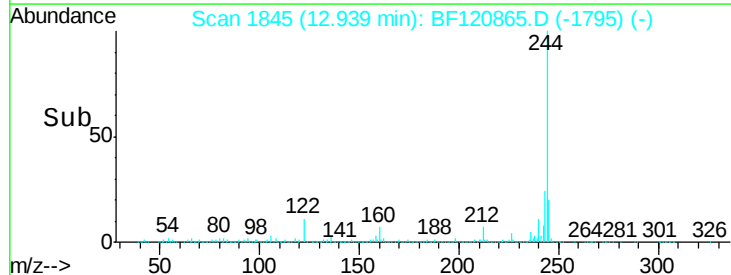
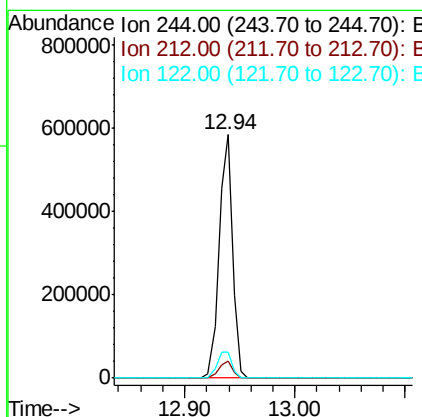
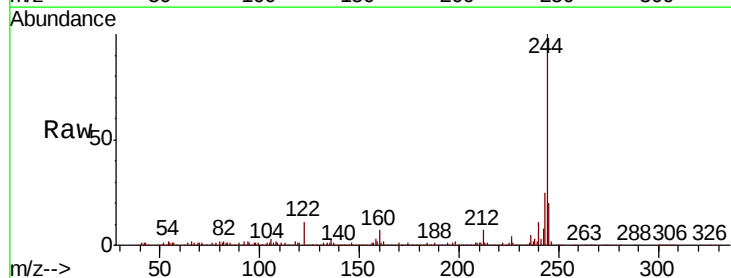
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-071320

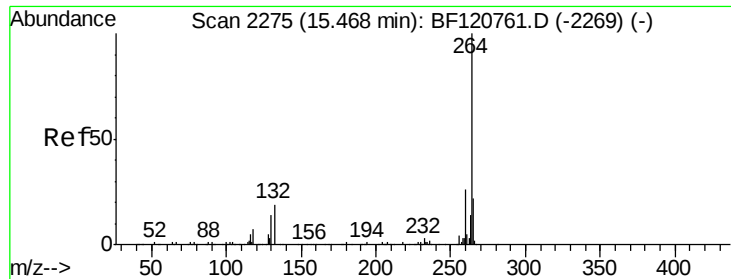
Tot Ion:240 Resp: 458182
 Ion Ratio Lower Upper
 240 100
 120 10.6 10.3 15.5
 236 27.5 21.4 32.2



#79
 Terphenyl-d14
 Concen: 21.162 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF120865.D
 Acq: 14 Jul 2020 17:19

Tgt Ion:244 Resp: 495231
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.6 9.0 13.4

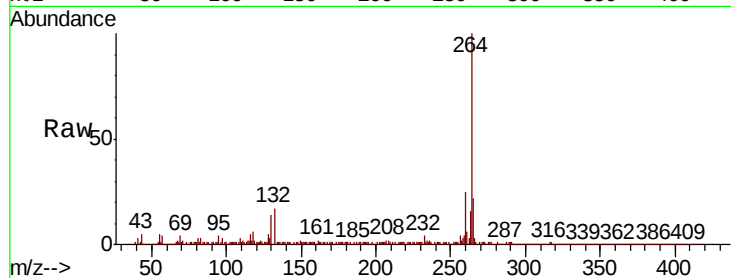




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF120865.D
Acq: 14 Jul 2020 17:19

Instrument :
BNA_F
ClientSampleId :
HR-05-071320

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.6	30.8
265	22.1	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

