

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071520\
 Data File : BF120870.D
 Acq On : 15 Jul 2020 13:43
 Operator : JU/CG
 Sample : L3259-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1-ROLLOFF

Quant Time: Jul 15 14:57:25 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

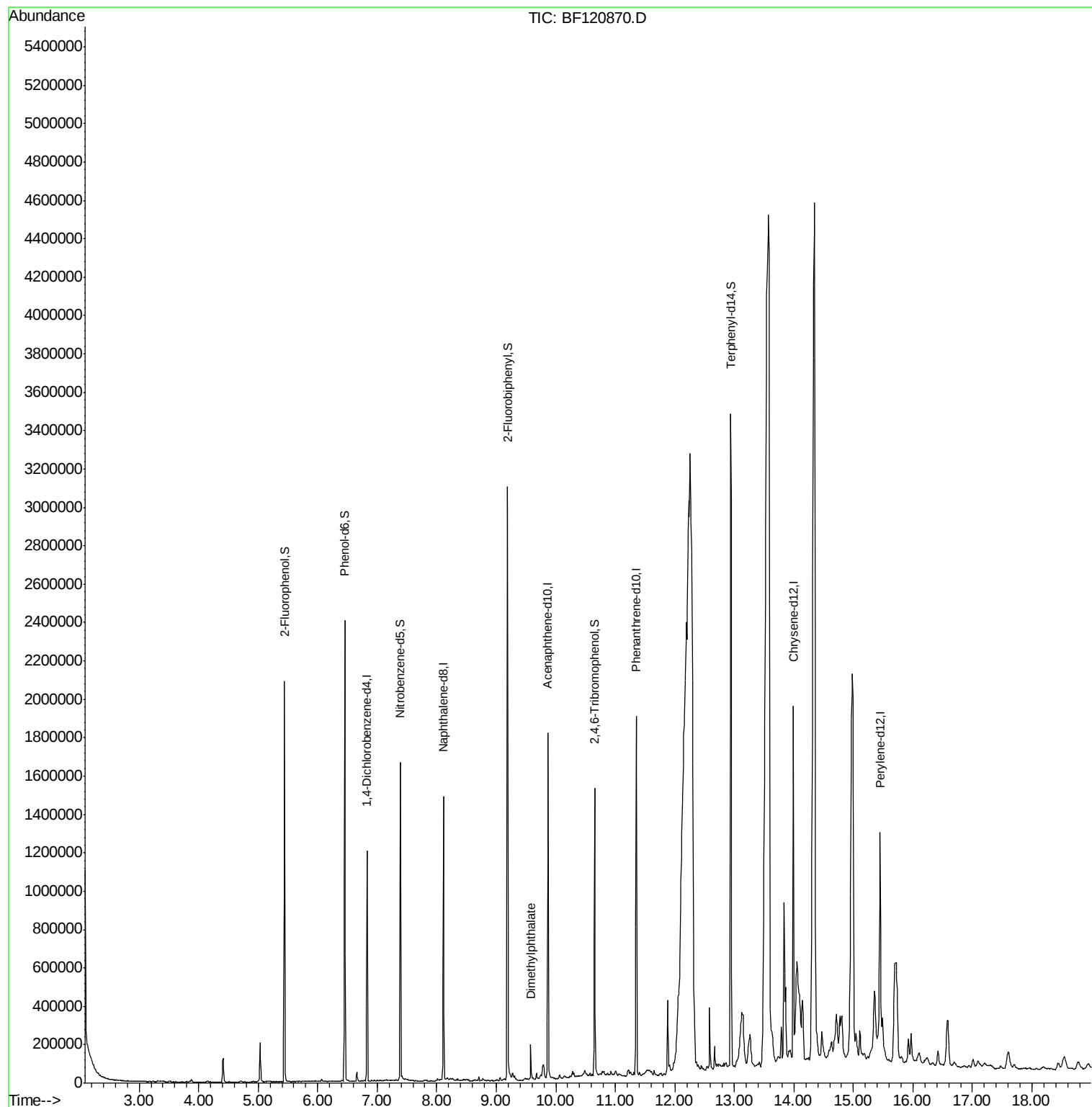
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	180052	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	685690	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	362462	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	697140	20.00	ng	0.00
76) Chrysene-d12	13.99	240	579469	20.00	ng	-0.01
86) Perylene-d12	15.44	264	520427	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	637797	54.68	ng	0.00
7) Phenol-d6	6.46	99	846560	56.83	ng	0.00
23) Nitrobenzene-d5	7.39	82	549916	46.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	192328	52.82	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1061159	44.29	ng	0.00
79) Terphenyl-d14	12.94	244	1110932	37.54	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	69115	2.614	ng	Qvalue 99

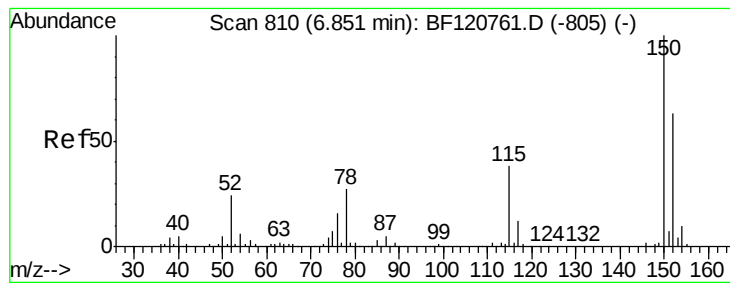
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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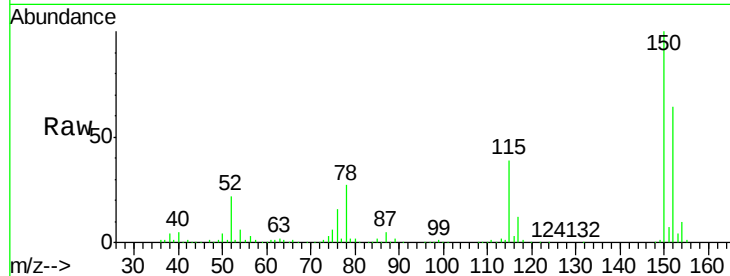


#1

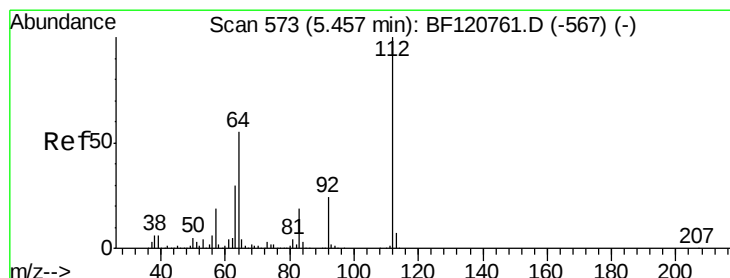
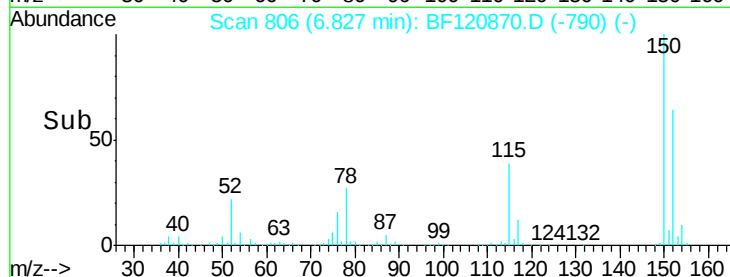
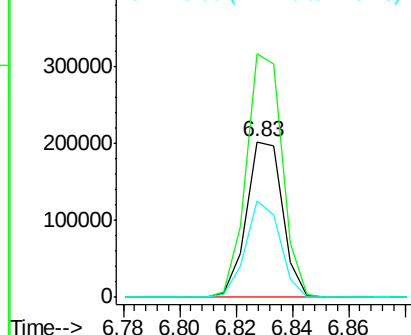
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF120870.D
Acq: 15 Jul 2020 13:43

Instrument :
BNA_F
ClientSampleId :
C-1-ROLLOFF

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.1	189.1
115	61.8	48.5	72.7



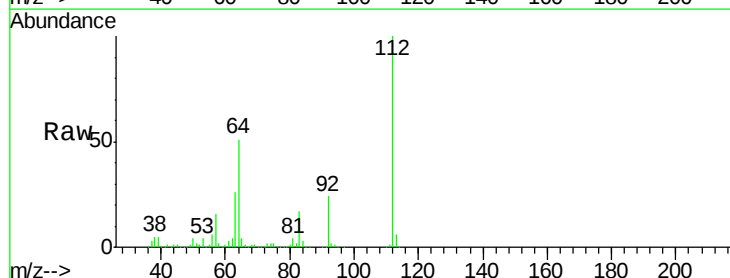
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



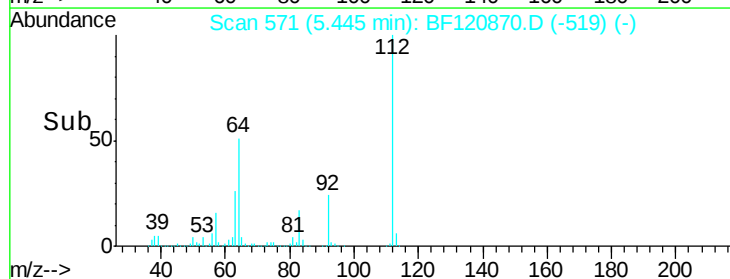
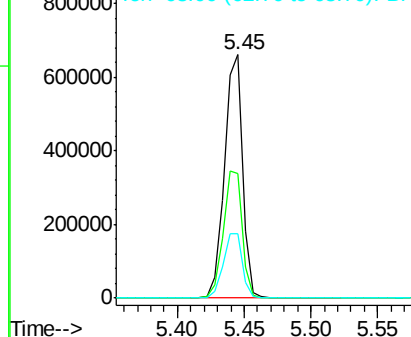
#5

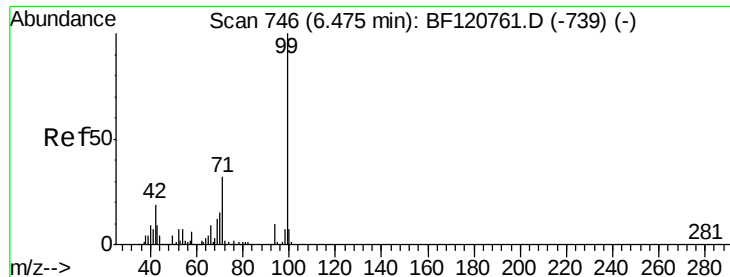
2-Fluorophenol
Concen: 54.681 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF120870.D
Acq: 15 Jul 2020 13:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	43.8	65.6
63	26.5	23.6	35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 56.833 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF120870.D

Acq: 15 Jul 2020 13:43

Instrument :

BNA_F

ClientSampleId :

C-1-ROLLOFF

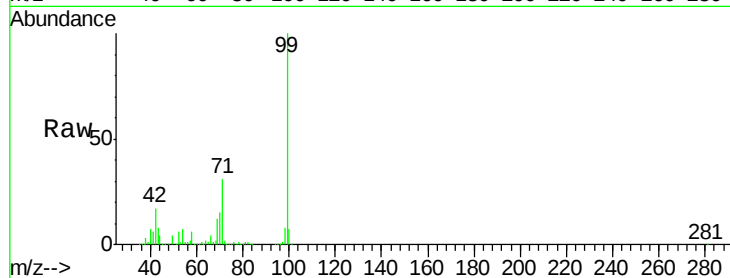
Tot Ion: 99 Resp: 846560

Ion Ratio Lower Upper

99 100

42 17.0 15.4 23.0

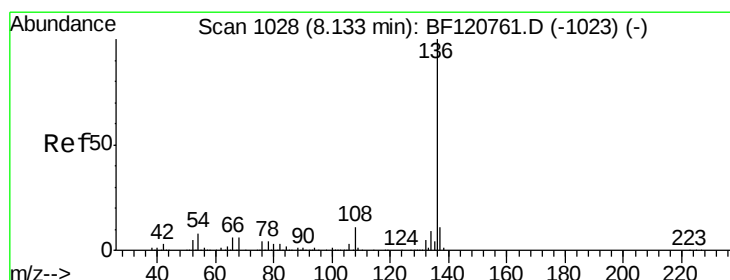
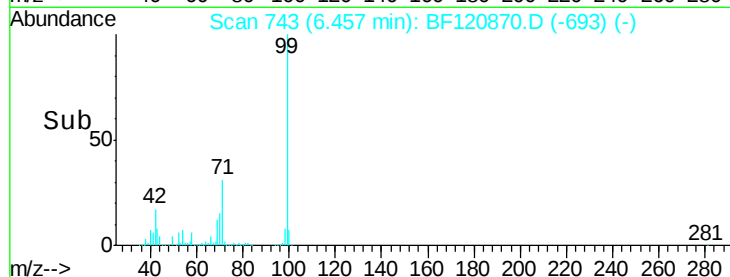
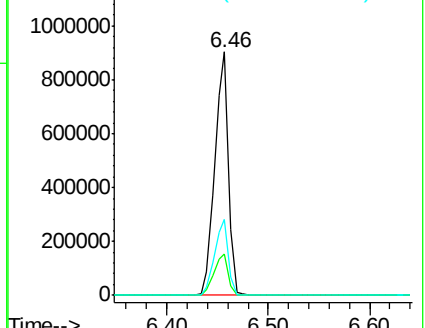
71 31.0 25.9 38.9



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: BF120870.D

Acq: 15 Jul 2020 13:43

Tgt Ion: 136 Resp: 685690

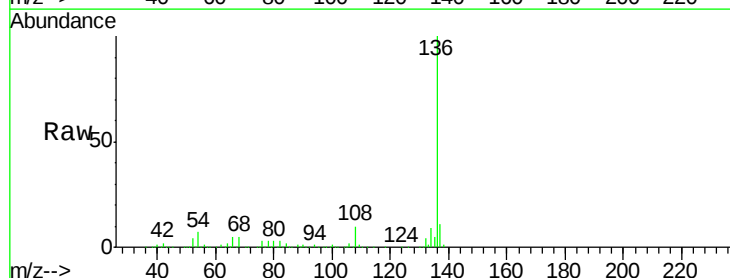
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 6.7 6.2 9.4

68 5.3 4.7 7.1

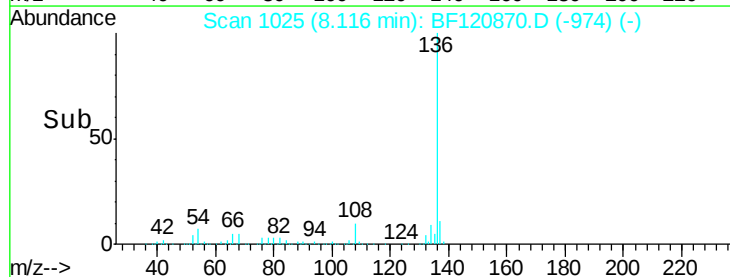
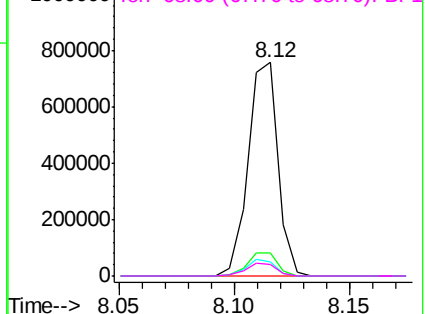


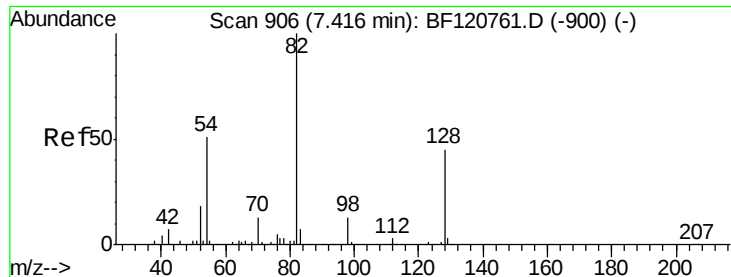
Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.465 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.01 min

Lab File: BF120870.D

Acq: 15 Jul 2020 13:43

Instrument :

BNA_F

ClientSampleId :

C-1-ROLLOFF

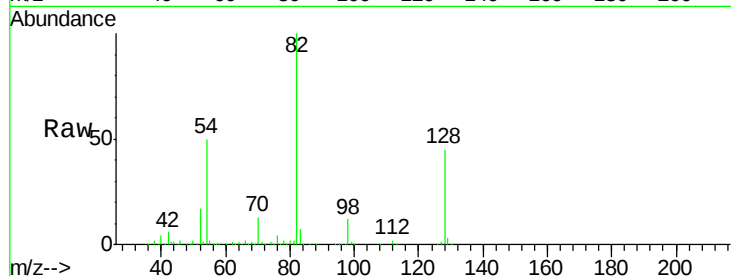
Tot Ion: 82 Resp: 549916

Ion Ratio Lower Upper

82 100

128 45.4 35.7 53.5

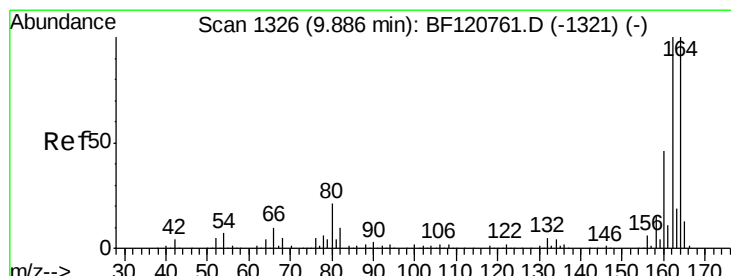
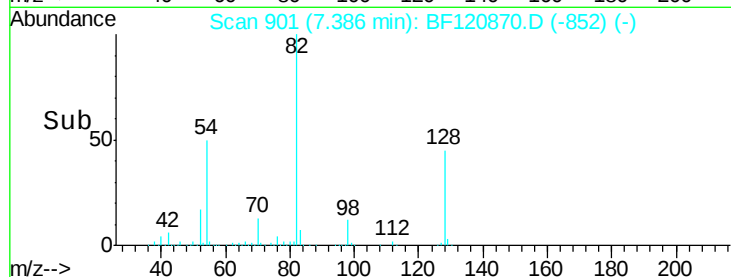
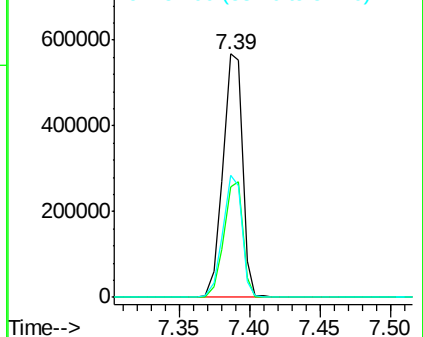
54 50.2 40.9 61.3



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: BF120870.D

Acq: 15 Jul 2020 13:43

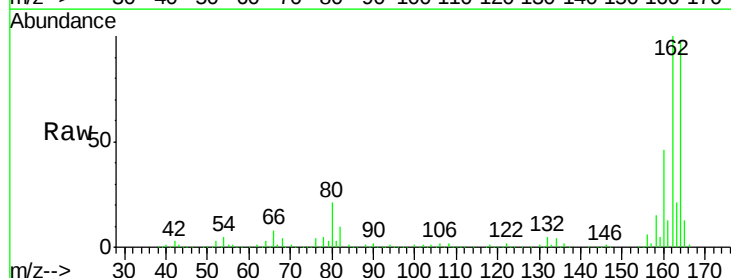
Tgt Ion: 164 Resp: 362462

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

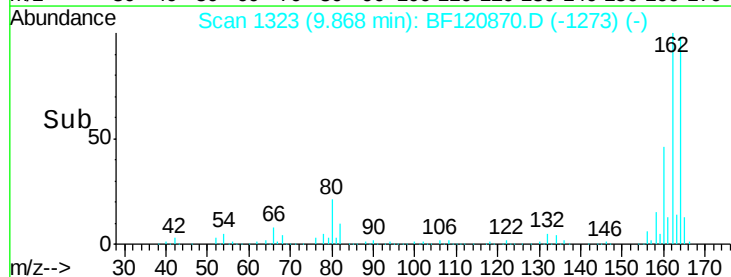
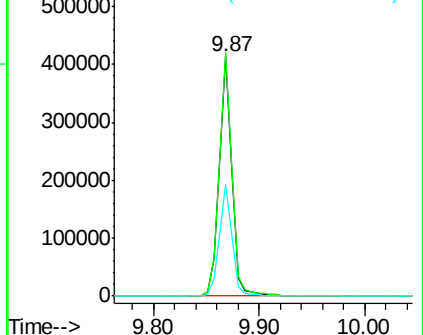
160 46.6 36.9 55.3

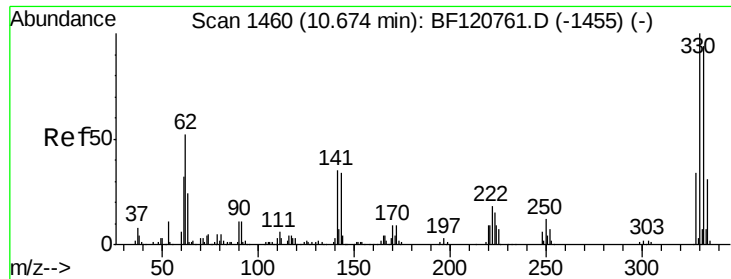


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 52.816 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF120870.D

Acq: 15 Jul 2020 13:43

Instrument :

BNA_F

ClientSampleId :

C-1-ROLLOFF

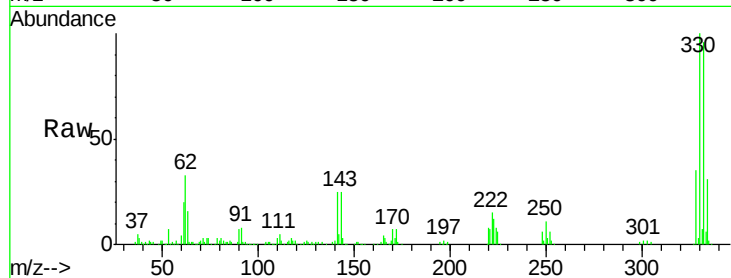
Tot Ion:330 Resp: 192328

Ion Ratio Lower Upper

330 100

332 95.9 75.8 113.6

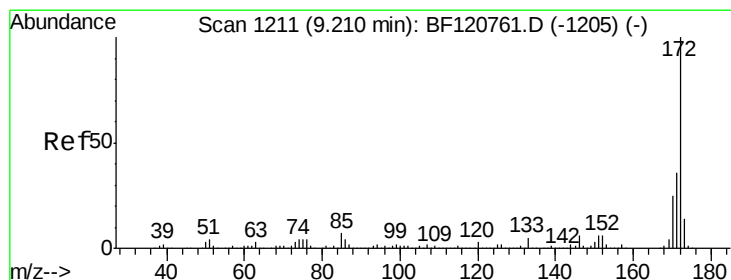
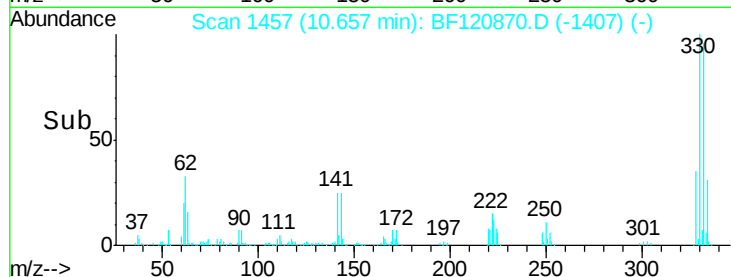
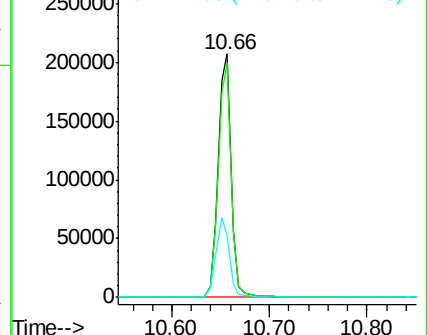
141 33.4 29.7 44.5



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: 44.294 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF120870.D

Acq: 15 Jul 2020 13:43

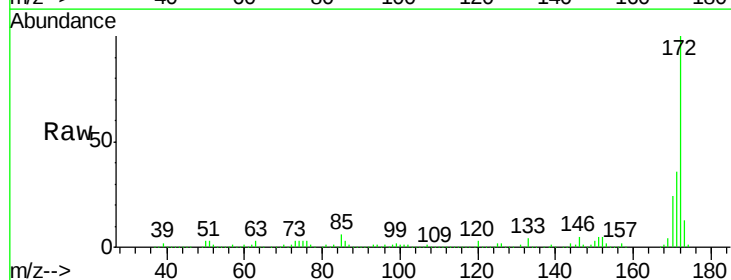
Tgt Ion:172 Resp: 1061159

Ion Ratio Lower Upper

172 100

171 35.7 29.1 43.7

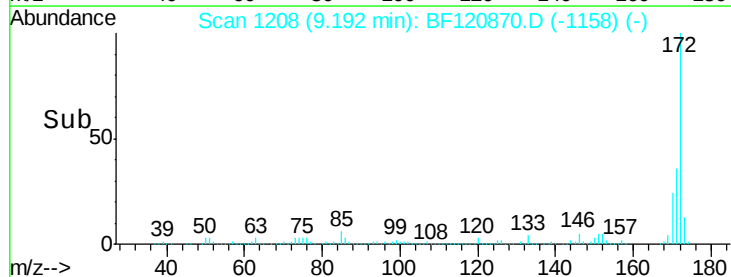
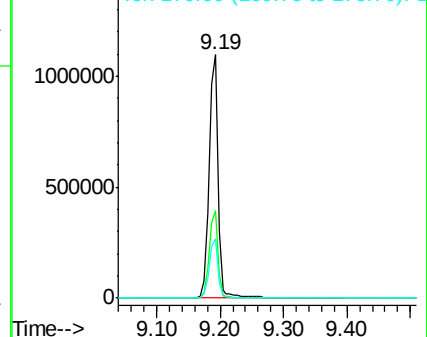
170 24.3 19.8 29.6

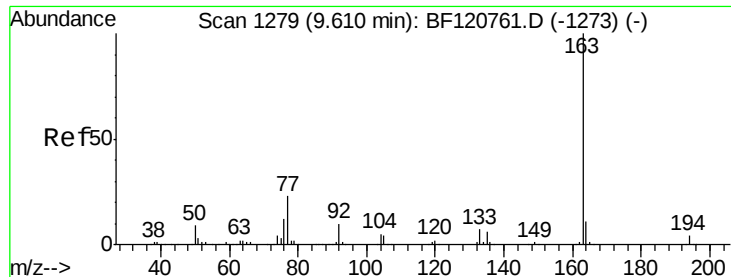


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.614 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF120870.D

Acq: 15 Jul 2020 13:43

Instrument :

BNA_F

ClientSampleId :

C-1-ROLLOFF

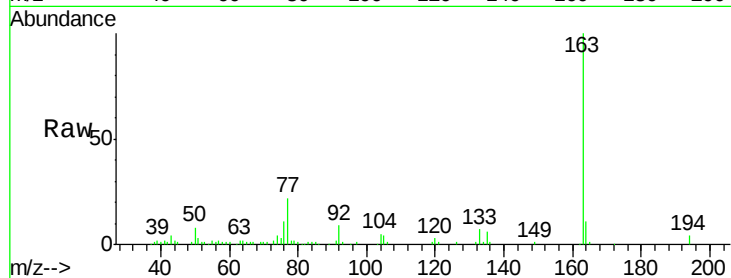
Tot Ion:163 Resp: 69115

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

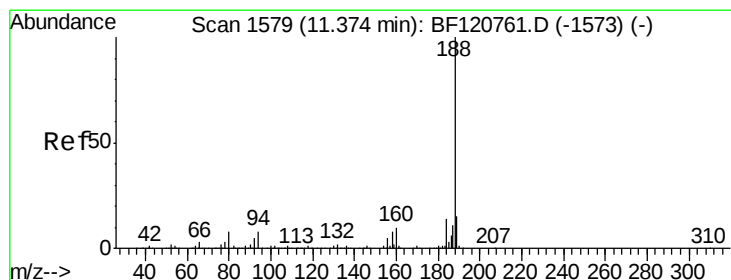
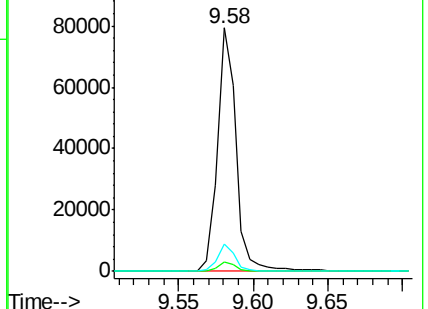
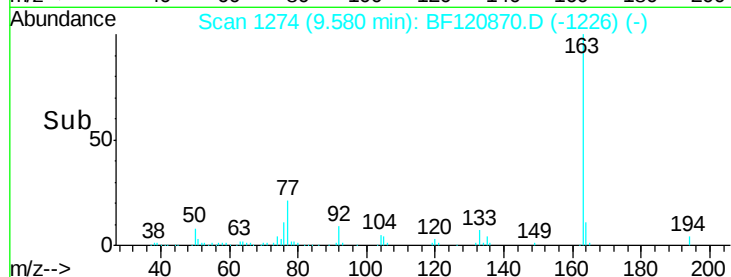
164 11.2 8.5 12.7



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: BF120870.D

Acq: 15 Jul 2020 13:43

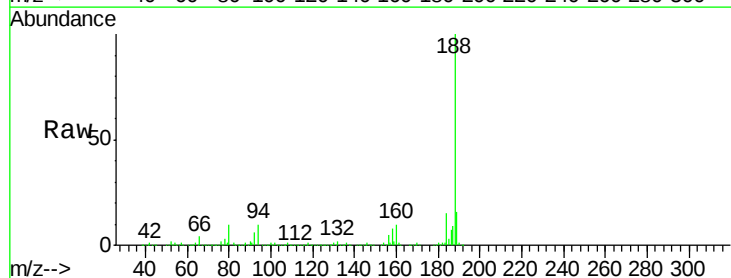
Tgt Ion:188 Resp: 697140

Ion Ratio Lower Upper

188 100

94 10.0 6.6 9.8#

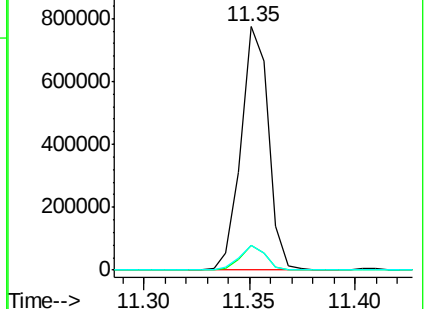
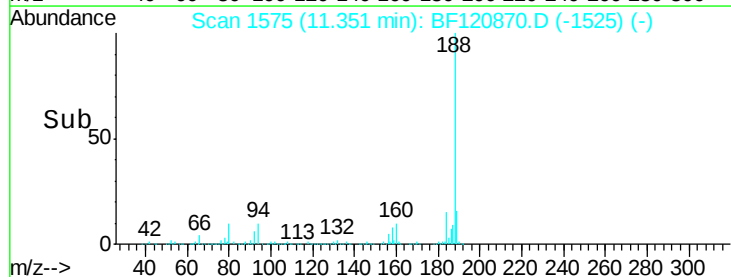
80 10.3 6.6 10.0#

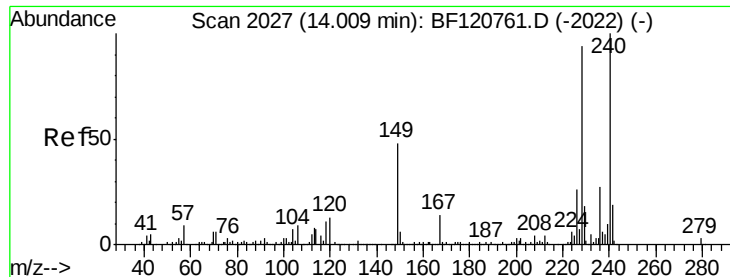


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

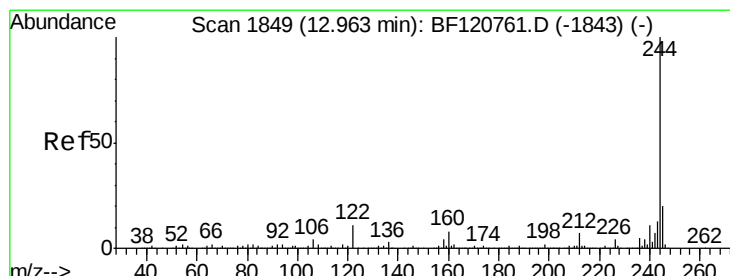
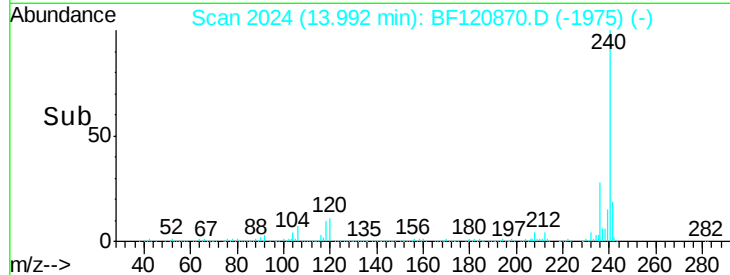
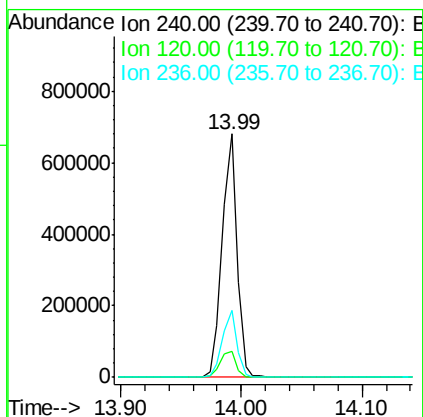
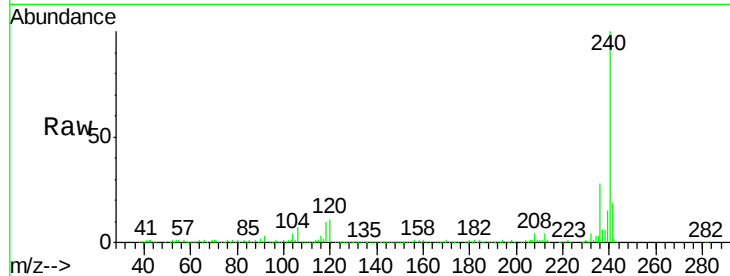




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF120870.D
 Acq: 15 Jul 2020 13:43

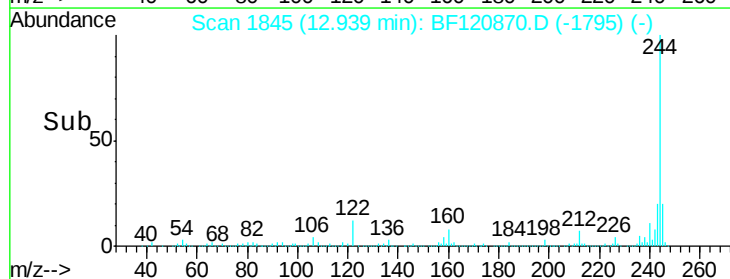
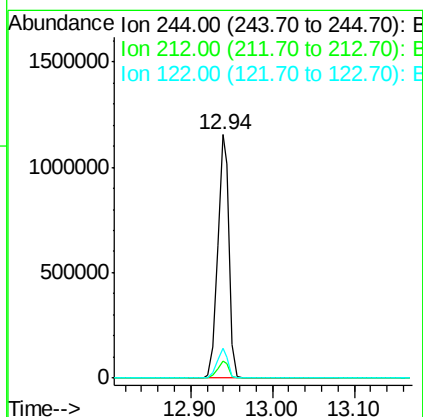
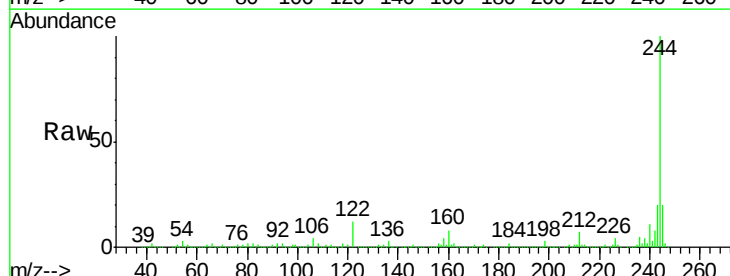
Instrument :
 BNA_F
 ClientSampleId :
 C-1-ROLLOFF

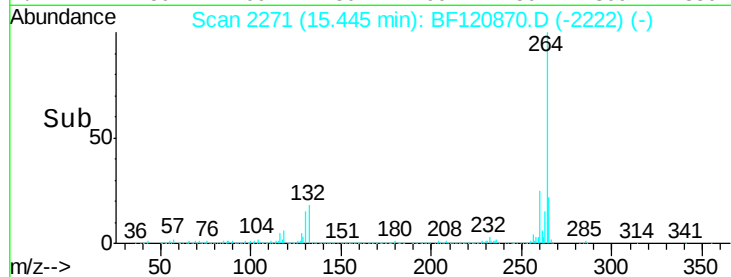
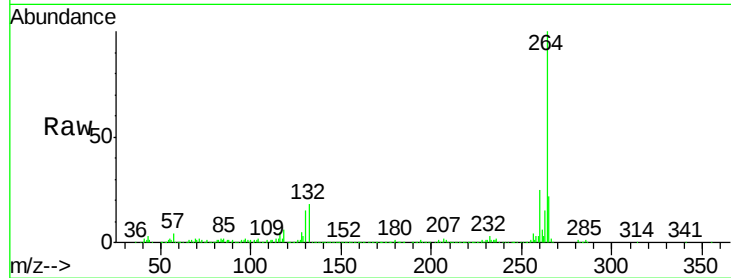
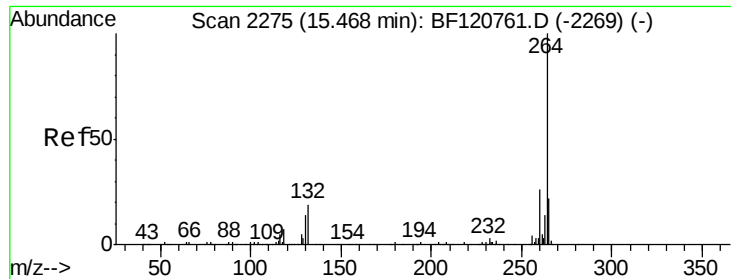
Tot Ion:240 Resp: 579469
 Ion Ratio Lower Upper
 240 100
 120 10.6 10.3 15.5
 236 27.6 21.4 32.2



#79
 Terphenyl-d14
 Concen: 37.536 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF120870.D
 Acq: 15 Jul 2020 13:43

Tgt Ion:244 Resp: 1110932
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 12.2 9.0 13.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF120870.D
 Acq: 15 Jul 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 C-1-ROLLOFF

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.6	30.8
265	21.6	17.6	26.4

