

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071520\
 Data File : BF120874.D
 Acq On : 15 Jul 2020 15:42
 Operator : JU/CG
 Sample : L3289-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IRON-2

Quant Time: Jul 15 16:13:48 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

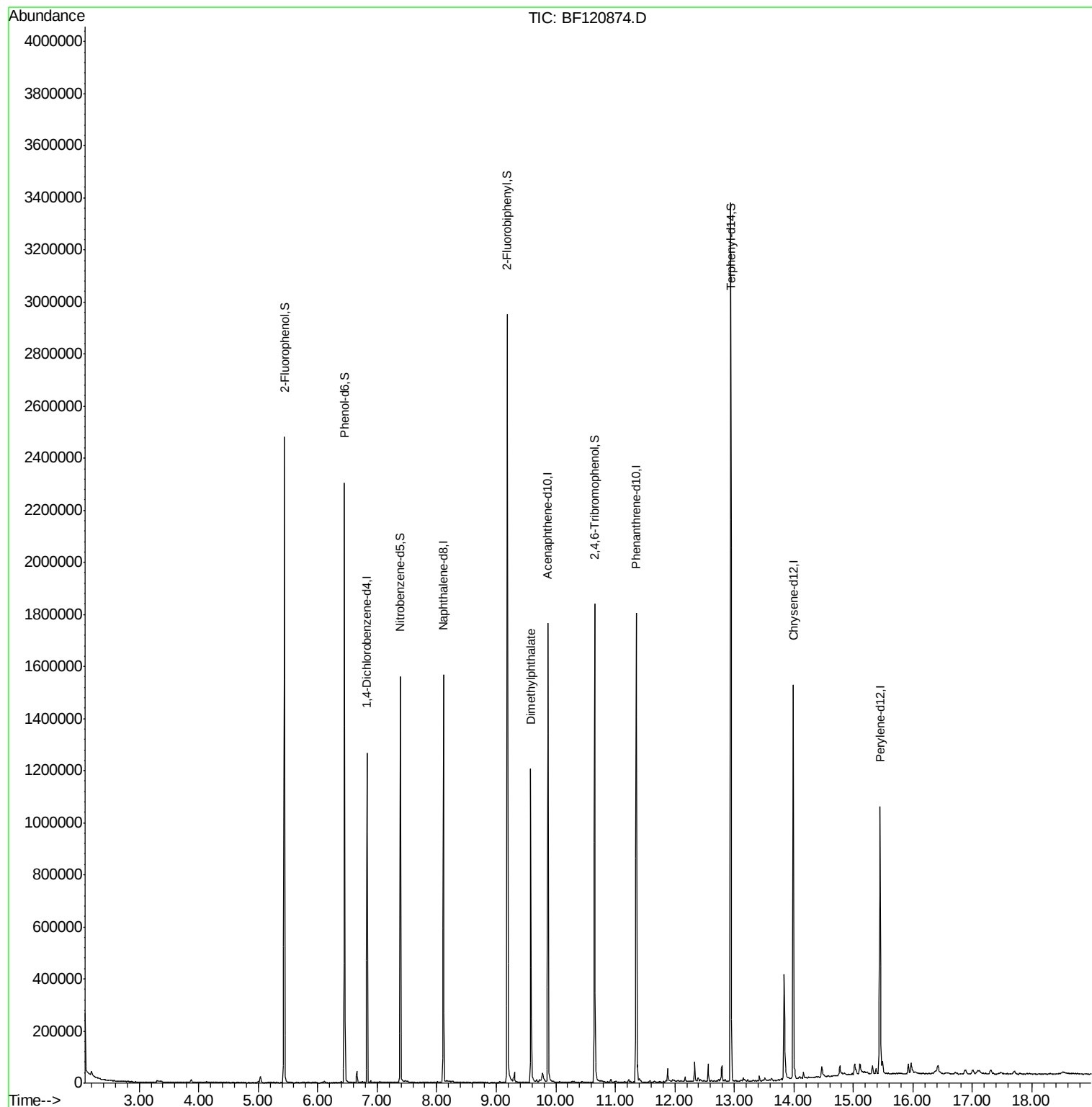
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	177552	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	685902	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	358425	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	673397	20.00	ng	0.00
76) Chrysene-d12	13.99	240	537355	20.00	ng	-0.01
86) Perylene-d12	15.44	264	469558	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	699602	60.82	ng	0.00
7) Phenol-d6	6.45	99	863626	58.80	ng	-0.01
23) Nitrobenzene-d5	7.39	82	514598	43.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	238951	66.36	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	983128	41.50	ng	-0.01
79) Terphenyl-d14	12.94	244	1020102	37.17	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	532317	20.359	ng	Qvalue 99

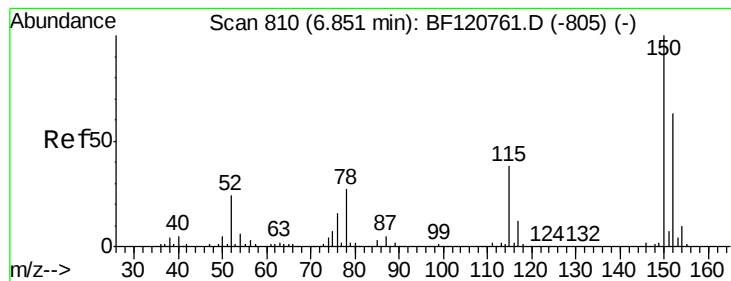
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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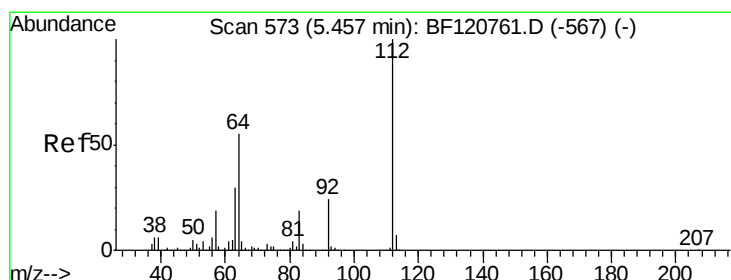
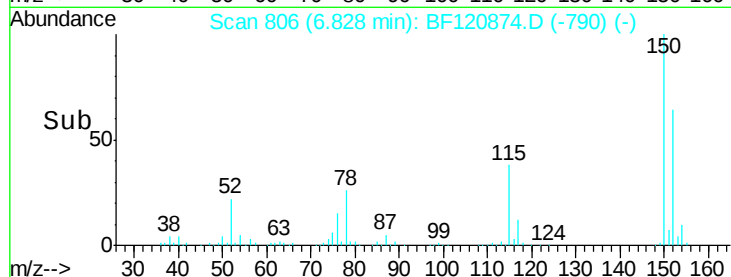
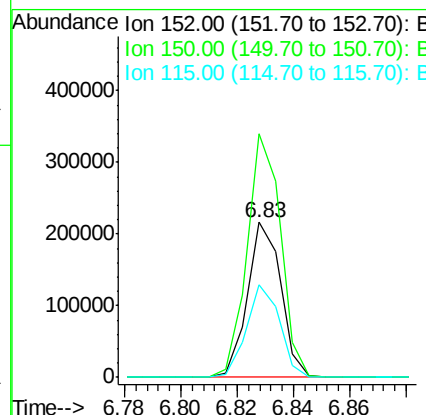
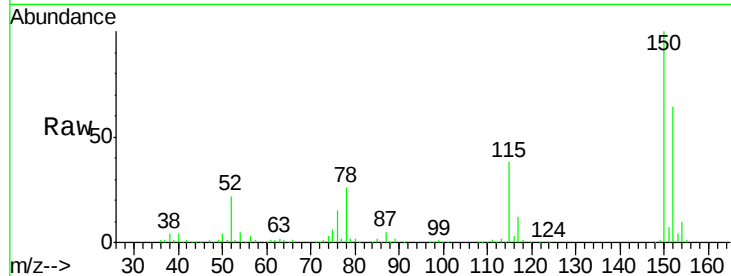


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF120874.D
Acq: 15 Jul 2020 15:42

Instrument :
BNA_F
ClientSampleId :
IRON-2

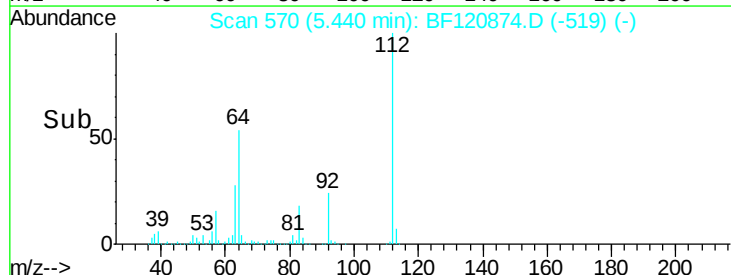
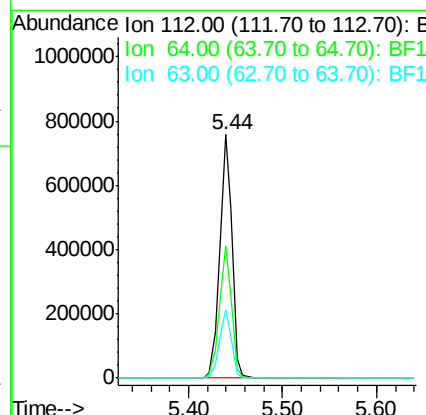
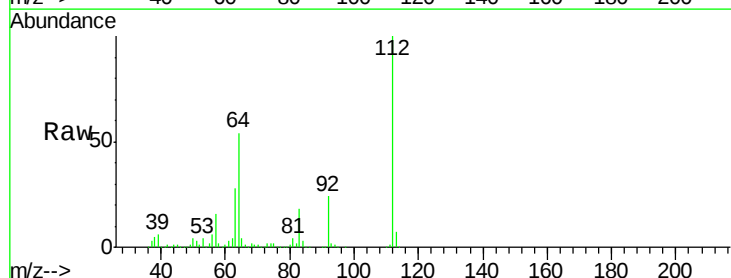
Tot Ion:152 Resp: 177552
Ion Ratio Lower Upper
152 100
150 157.1 126.1 189.1
115 59.9 48.5 72.7

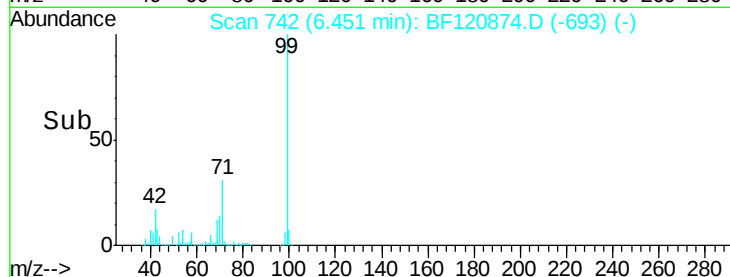
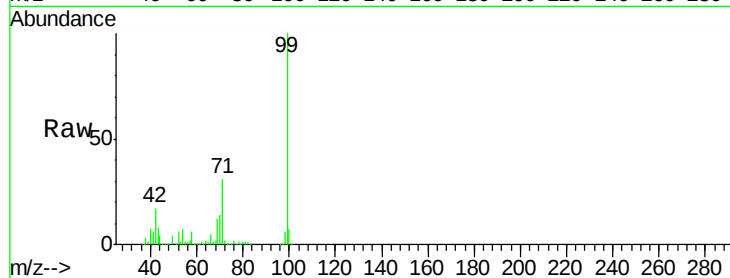
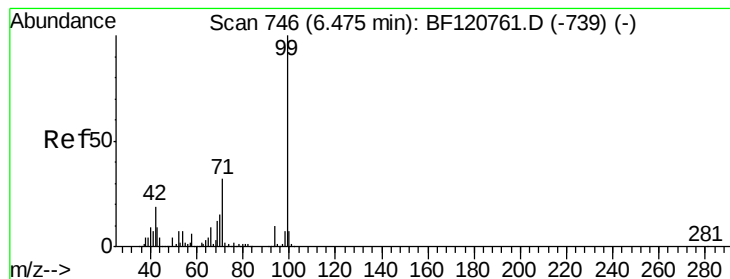


#5

2-Fluorophenol
Concen: 60.824 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF120874.D
Acq: 15 Jul 2020 15:42

Tgt Ion:112 Resp: 699602
Ion Ratio Lower Upper
112 100
64 54.2 43.8 65.6
63 28.2 23.6 35.4





#7

Phenol-d6

Concen: 58.795 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF120874.D

Acq: 15 Jul 2020 15:42

Instrument :

BNA_F

ClientSampleId :

IRON-2

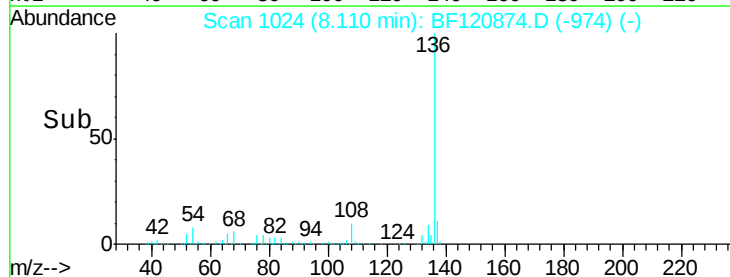
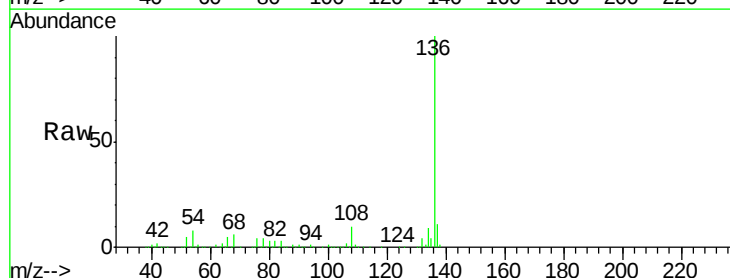
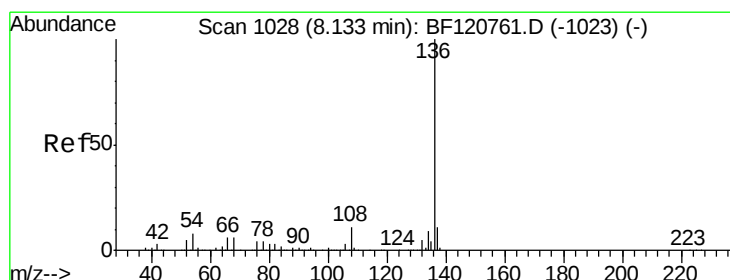
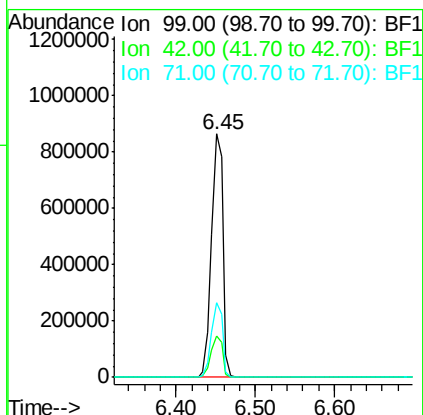
Tot Ion: 99 Resp: 863626

Ion Ratio Lower Upper

99 100

42 17.2 15.4 23.0

71 30.9 25.9 38.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF120874.D

Acq: 15 Jul 2020 15:42

Tgt Ion: 136 Resp: 685902

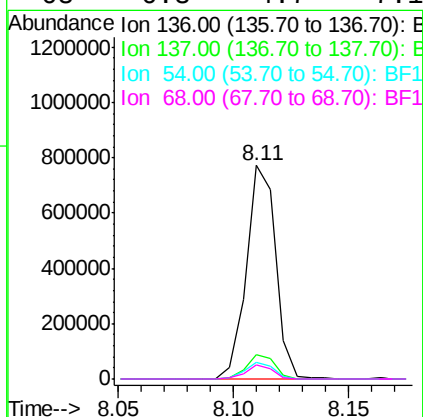
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 8.0 6.2 9.4

68 6.3 4.7 7.1

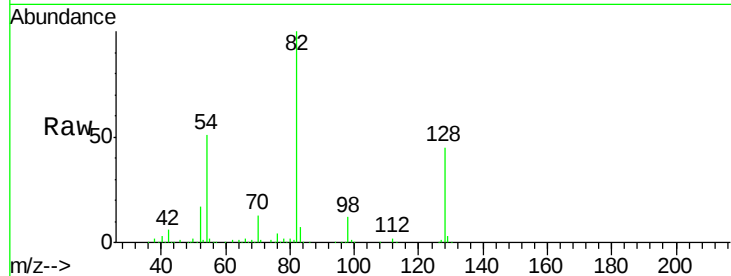




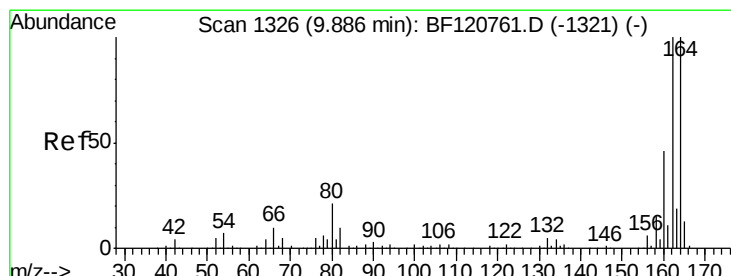
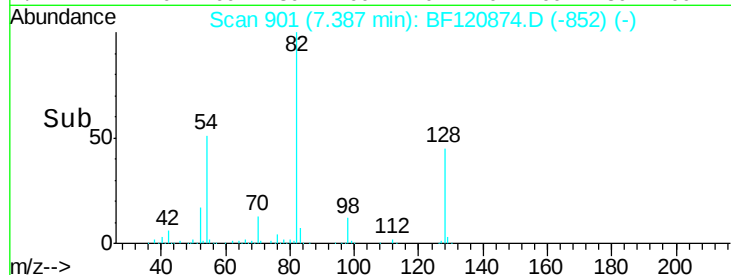
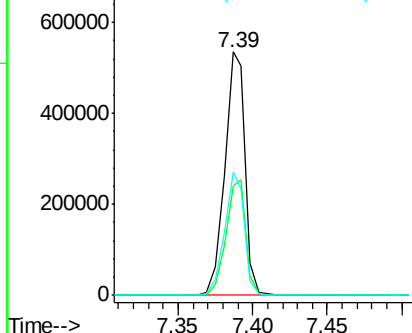
#23
Nitrobenzene-d5
Concen: 43.468 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF120874.D
Acq: 15 Jul 2020 15:42

Instrument :
BNA_F
ClientSampleId :
IRON-2

Tot Ion: 82 Resp: 514598
Ion Ratio Lower Upper
82 100
128 44.9 35.7 53.5
54 50.6 40.9 61.3

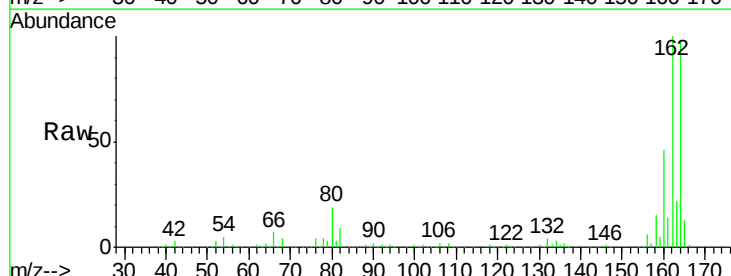


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

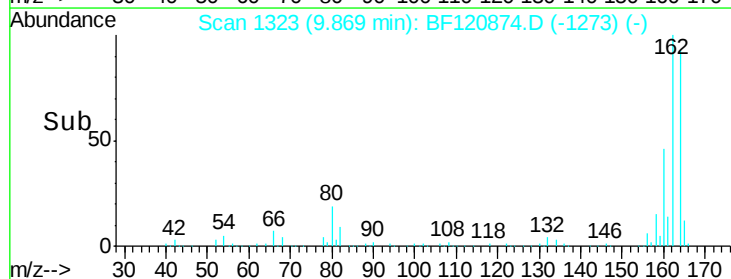
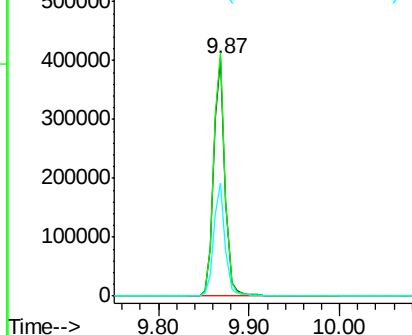


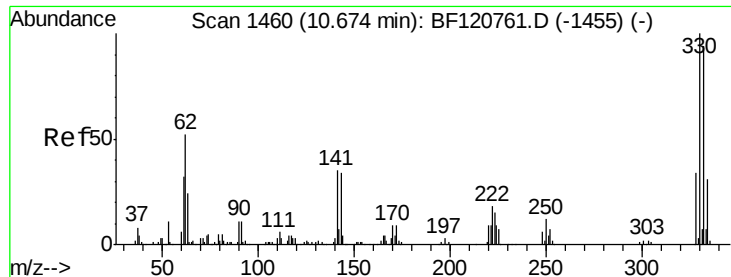
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF120874.D
Acq: 15 Jul 2020 15:42

Tgt Ion: 164 Resp: 358425
Ion Ratio Lower Upper
164 100
162 102.2 80.2 120.2
160 47.3 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

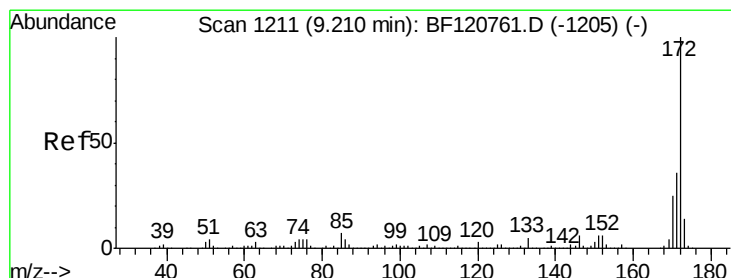
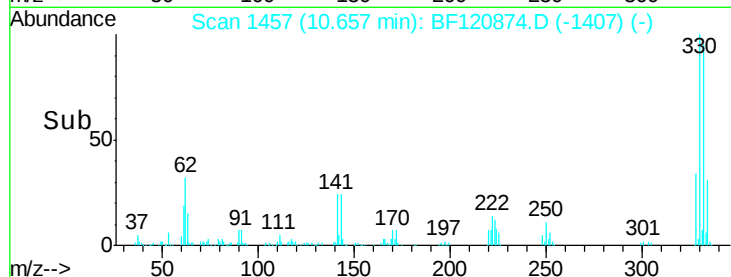
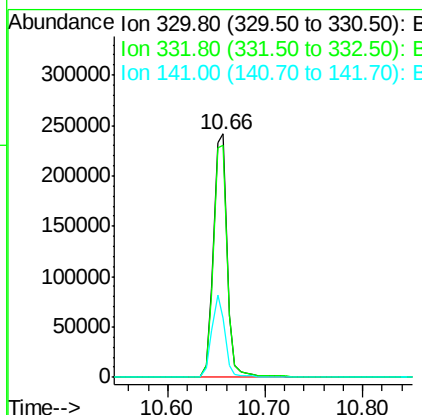
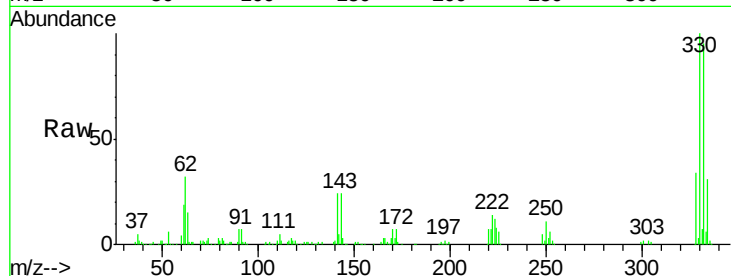




#42
 2,4,6-Tribromophenol
 Concen: 66.359 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF120874.D
 Acq: 15 Jul 2020 15:42

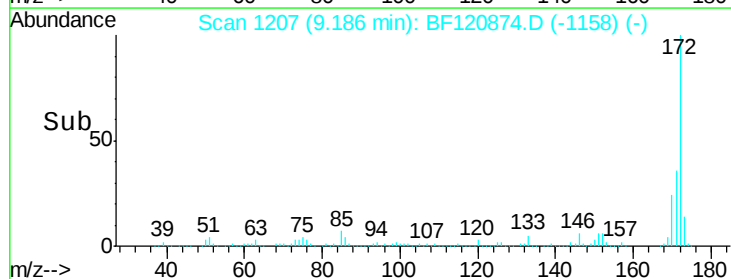
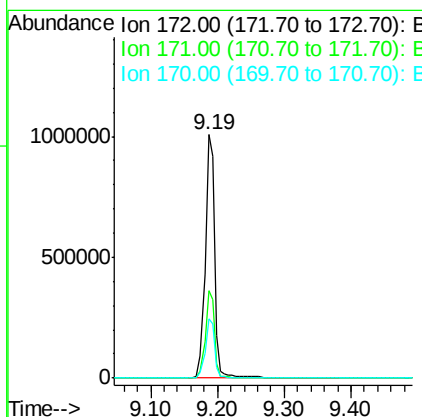
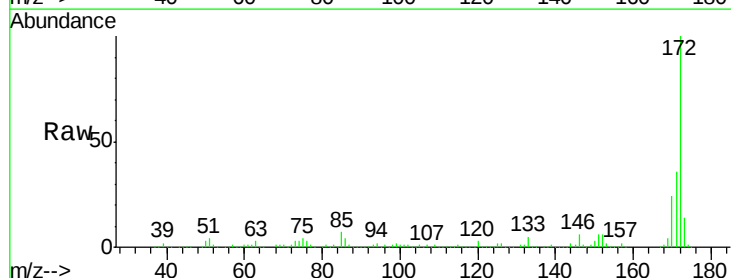
Instrument :
 BNA_F
 ClientSampleId :
 IRON-2

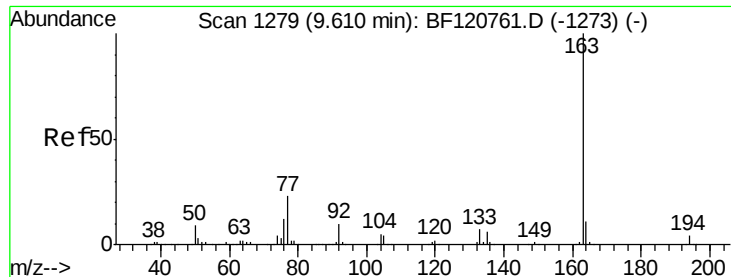
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.8	113.6
141	32.9	29.7	44.5



#45
 2-Fluorobiphenyl
 Concen: 41.499 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF120874.D
 Acq: 15 Jul 2020 15:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.1	43.7
170	24.1	19.8	29.6

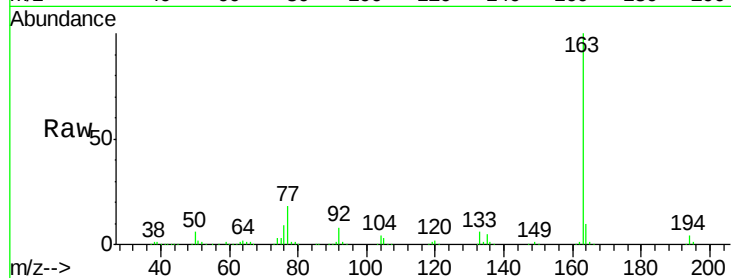




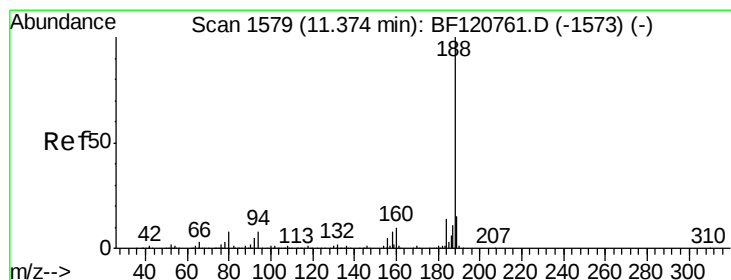
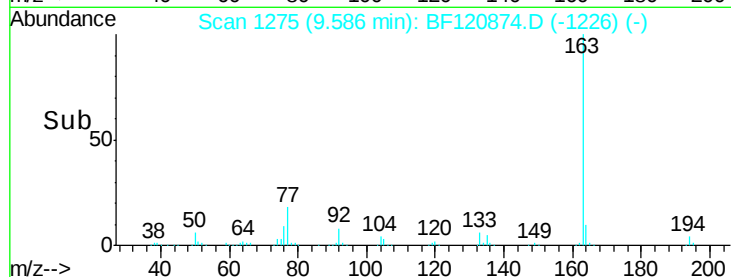
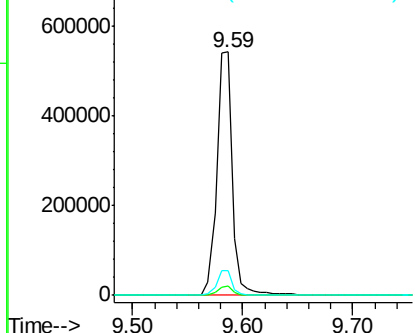
#50
Dimethylphthalate
Concen: 20.359 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF120874.D
Acq: 15 Jul 2020 15:42

Instrument :
BNA_F
ClientSampleId :
IRON-2

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	10.0	8.5	12.7

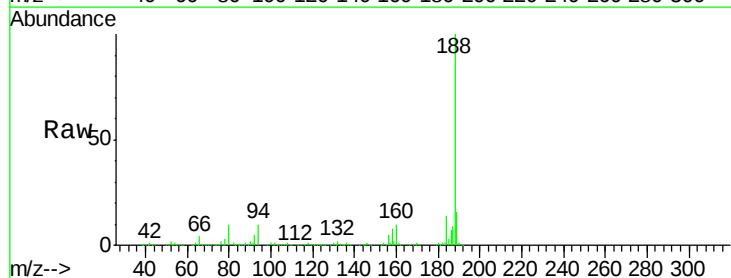


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

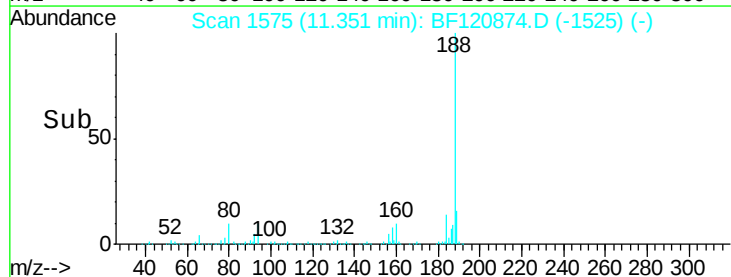
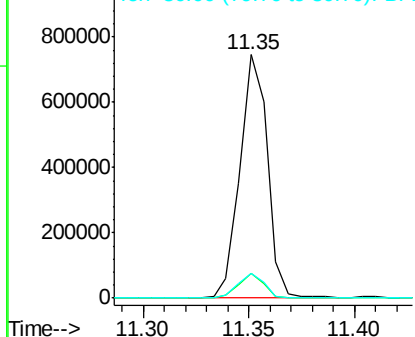


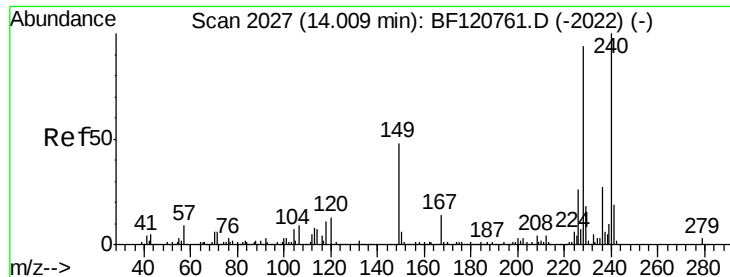
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF120874.D
Acq: 15 Jul 2020 15:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	6.6	9.8#
80	10.4	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: BF120874.D

Acq: 15 Jul 2020 15:42

Instrument :

BNA_F

ClientSampleId :

IRON-2

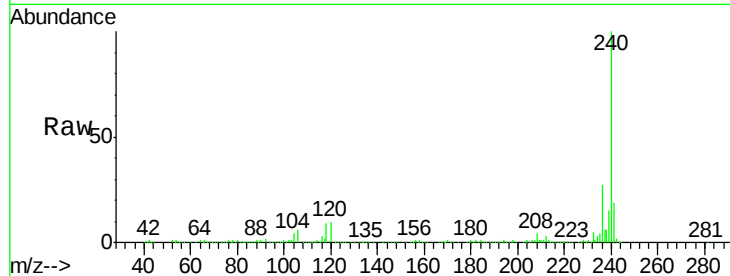
Tot Ion:240 Resp: 537355

Ion Ratio Lower Upper

240 100

120 10.3 10.3 15.5#

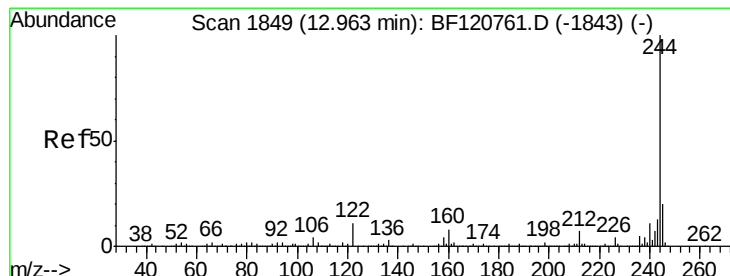
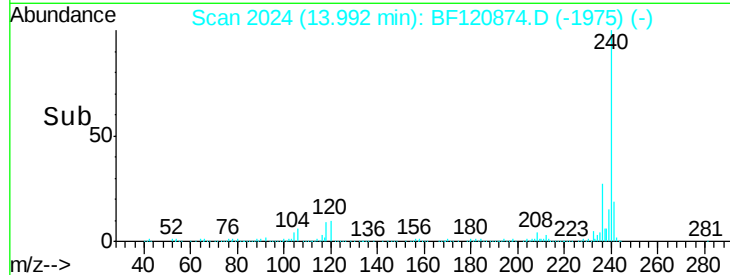
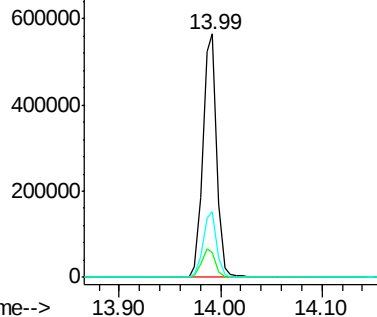
236 27.2 21.4 32.2



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: 37.168 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF120874.D

Acq: 15 Jul 2020 15:42

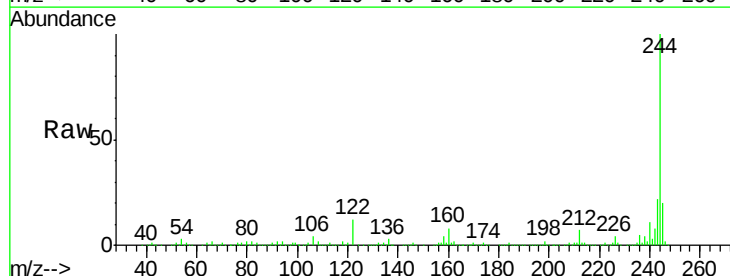
Tgt Ion:244 Resp: 1020102

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

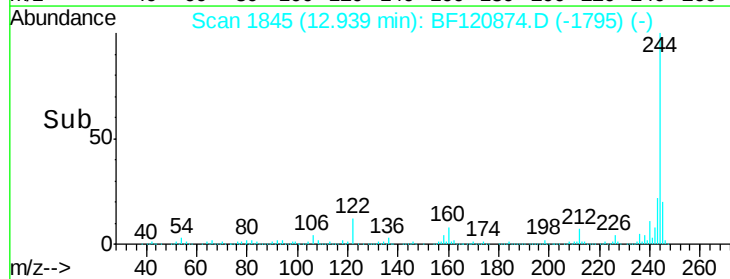
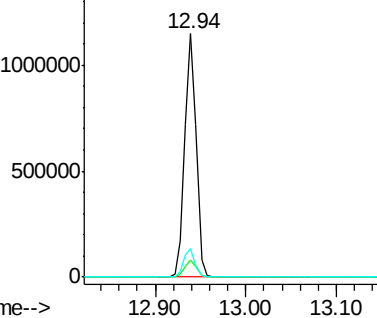
122 11.7 9.0 13.4

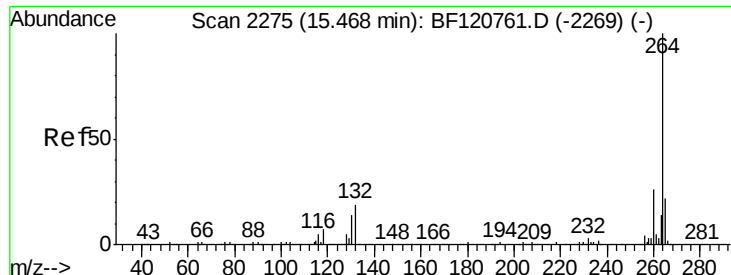


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF120874.D
 Acq: 15 Jul 2020 15:42

Instrument :
 BNA_F
 ClientSampleId :
 IRON-2

Tot Ion:	264	Resp:	469558
Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.6	30.8
265	21.8	17.6	26.4

