

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071520\
 Data File : BF120871.D
 Acq On : 15 Jul 2020 14:12
 Operator : JU/CG
 Sample : L3289-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IRON-1

Quant Time: Jul 15 14:58:45 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

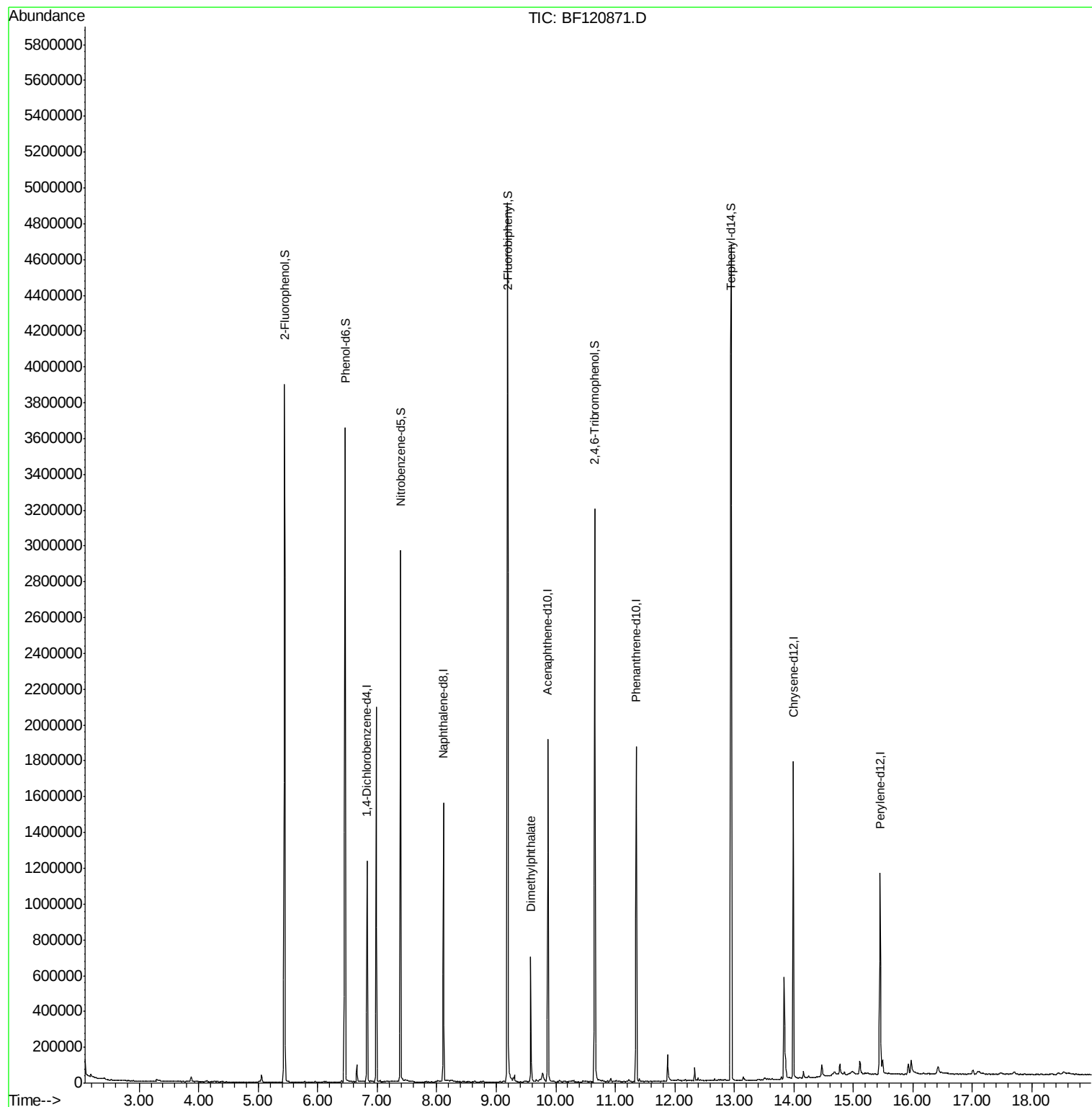
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	186396	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	713403	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	371109	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	711213	20.00	ng	0.00
76) Chrysene-d12	13.99	240	581051	20.00	ng	-0.01
86) Perylene-d12	15.45	264	528193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1318382	109.18	ng	0.00
7) Phenol-d6	6.46	99	1596701	103.55	ng	0.00
23) Nitrobenzene-d5	7.39	82	1024287	83.19	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	468906	125.77	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1778938	72.52	ng	0.00
79) Terphenyl-d14	12.94	244	1921500	64.75	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	279124	10.311	ng	Qvalue 99

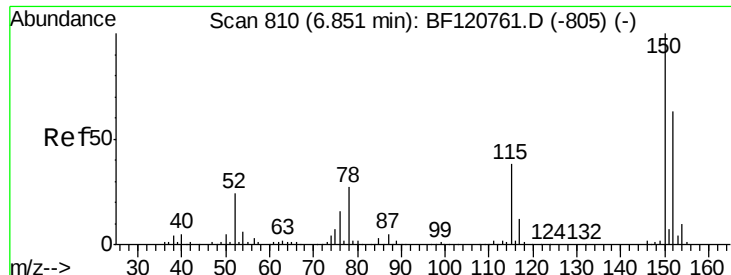
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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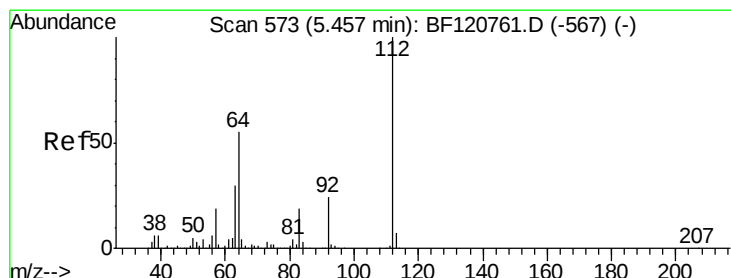
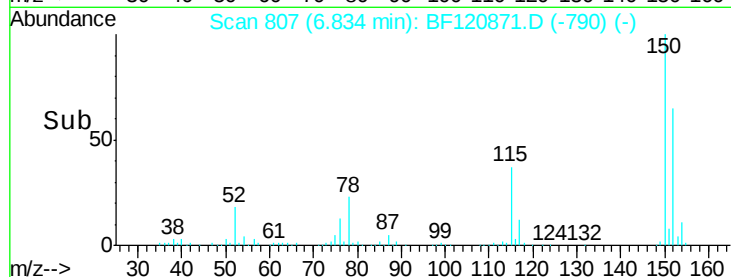
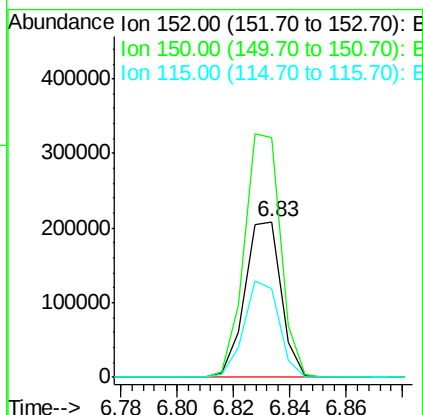
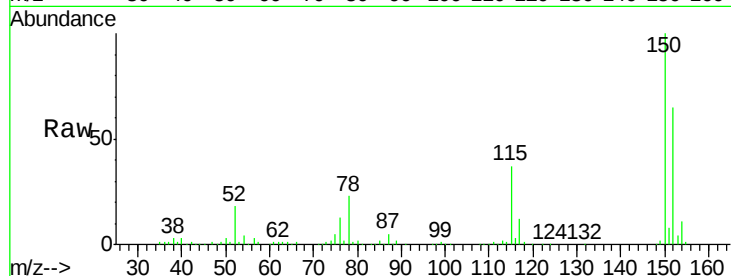


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Instrument :
BNA_F
ClientSampleId :
IRON-1

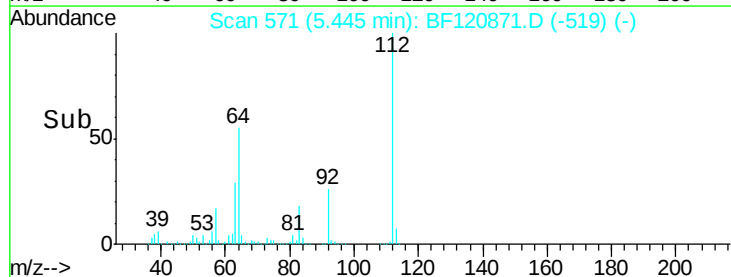
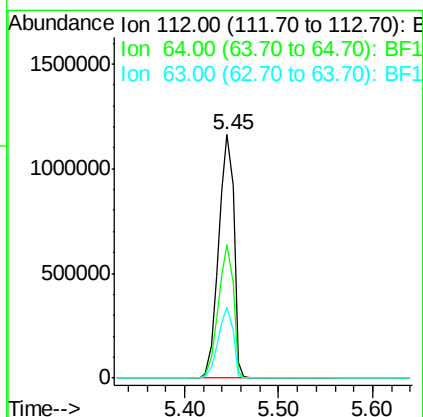
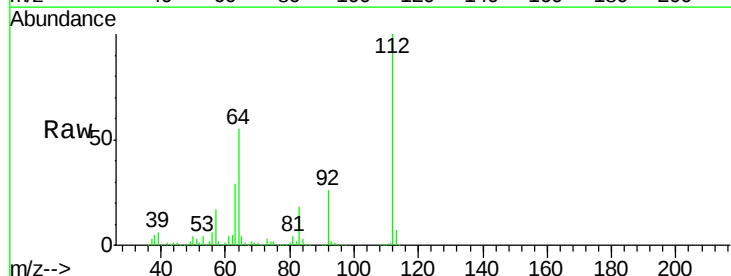
Tot Ion:152 Resp: 186396
Ion Ratio Lower Upper
152 100
150 153.8 126.1 189.1
115 57.1 48.5 72.7

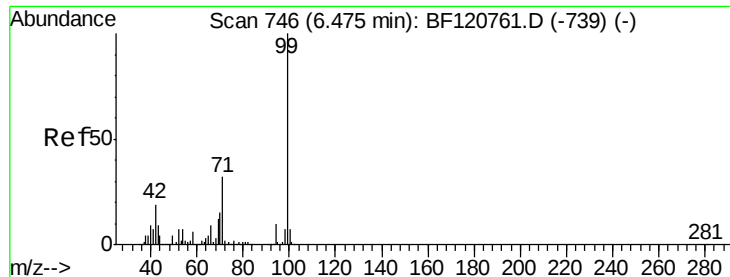


#5

2-Fluorophenol
Concen: 109.183 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Tgt Ion:112 Resp: 1318382
Ion Ratio Lower Upper
112 100
64 55.1 43.8 65.6
63 29.1 23.6 35.4





#7

Phenol-d6

Concen: 103.545 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF120871.D

Acq: 15 Jul 2020 14:12

Instrument :

BNA_F

ClientSampleId :

IRON-1

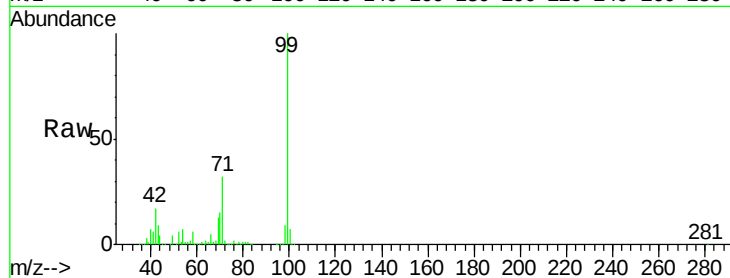
Tot Ion: 99 Resp: 1596701

Ion Ratio Lower Upper

99 100

42 17.0 15.4 23.0

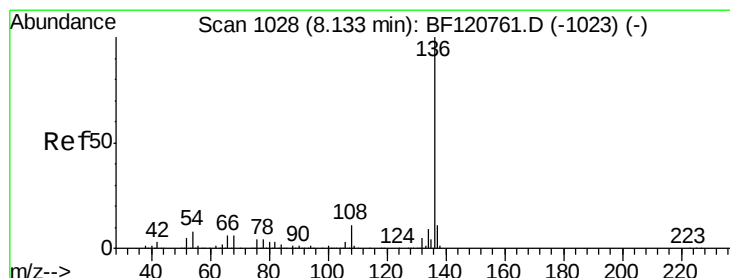
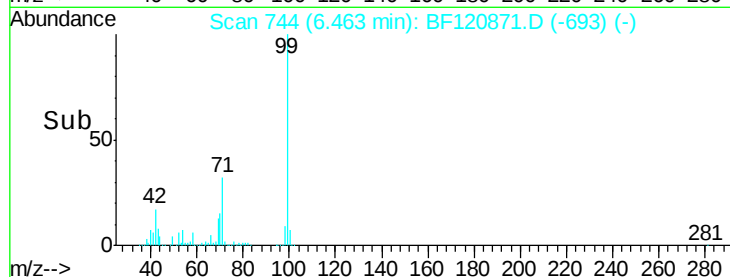
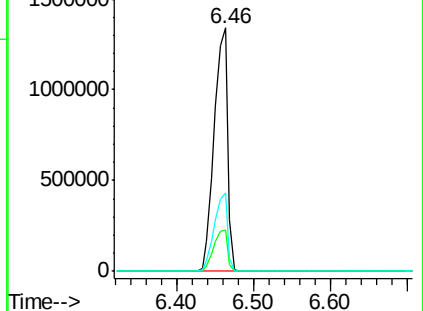
71 32.2 25.9 38.9



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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF120871.D

Acq: 15 Jul 2020 14:12

Tgt Ion: 136 Resp: 713403

Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 8.1 6.2 9.4

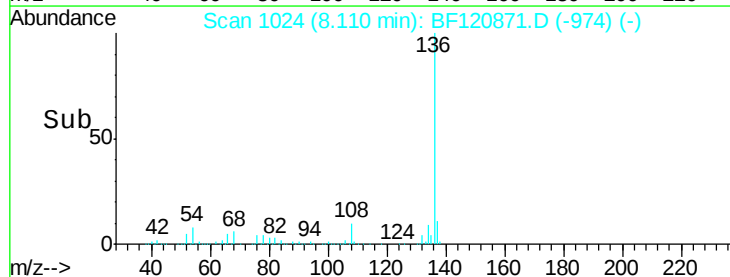
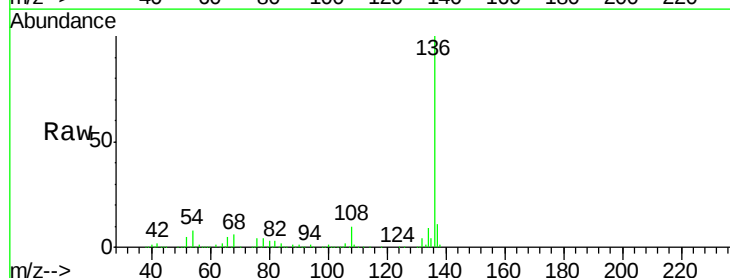
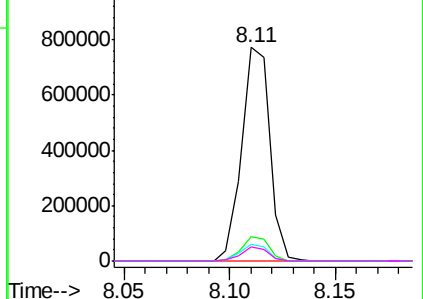
68 6.4 4.7 7.1

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

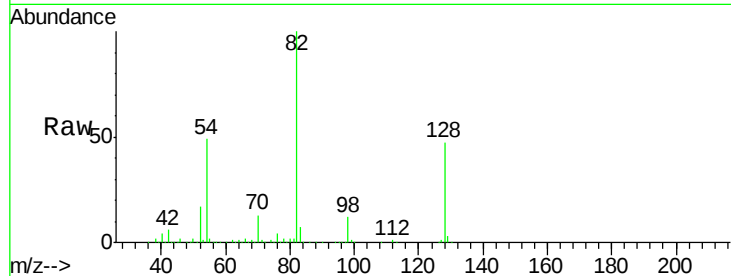




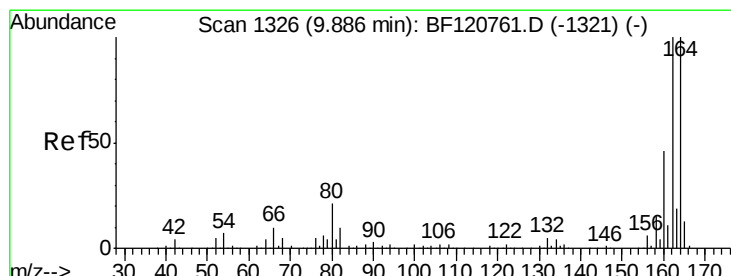
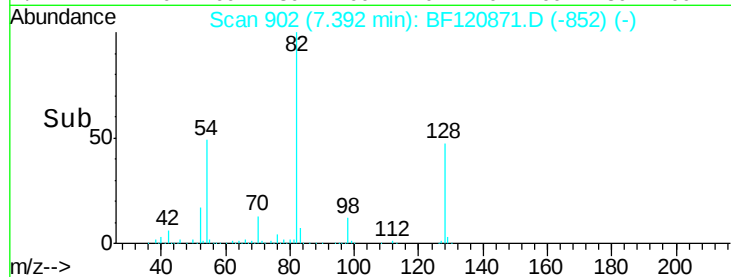
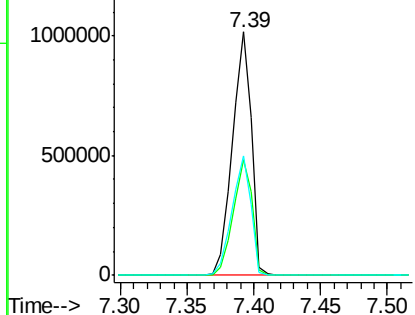
#23
Nitrobenzene-d5
Concen: 83.186 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Instrument :
BNA_F
ClientSampled :
IRON-1

Tot Ion: 82 Resp: 1024287
Ion Ratio Lower Upper
82 100
128 47.2 35.7 53.5
54 49.2 40.9 61.3

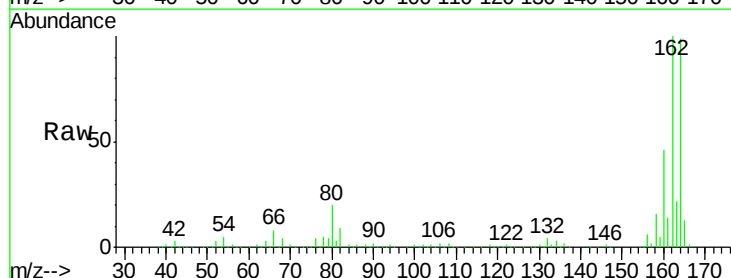


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

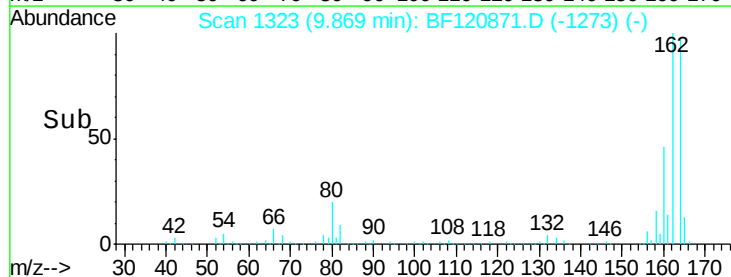
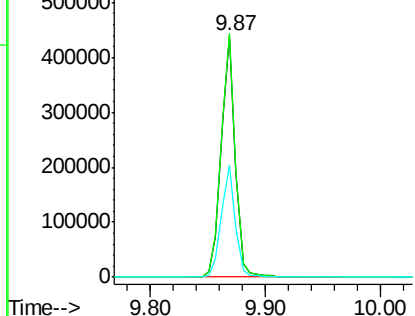


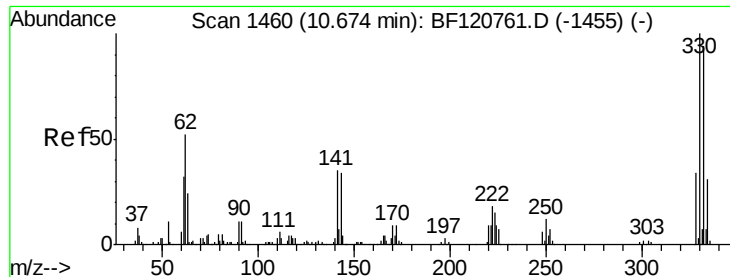
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Tgt Ion: 164 Resp: 371109
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 46.5 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: 125.768 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF120871.D

Acq: 15 Jul 2020 14:12

Instrument :

BNA_F

ClientSampleId :

IRON-1

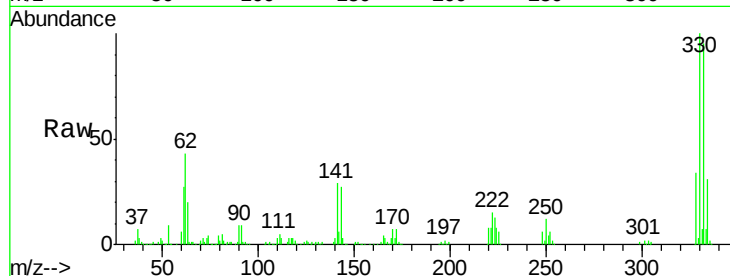
Tot Ion:330 Resp: 468906

Ion Ratio Lower Upper

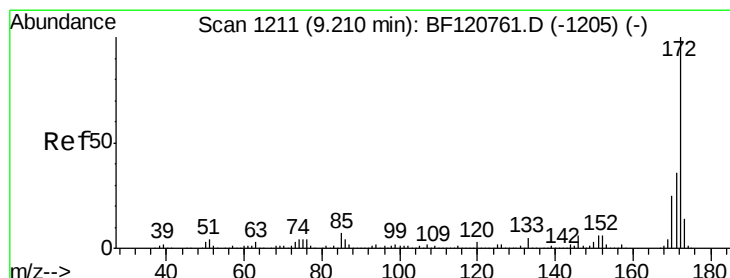
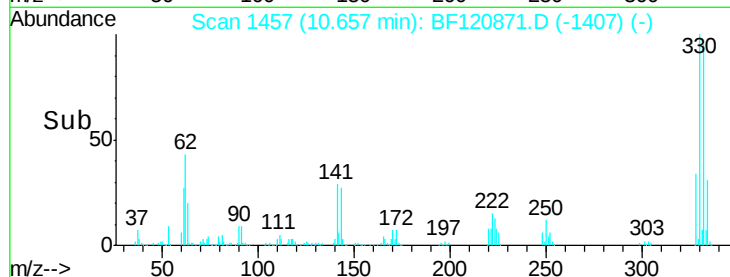
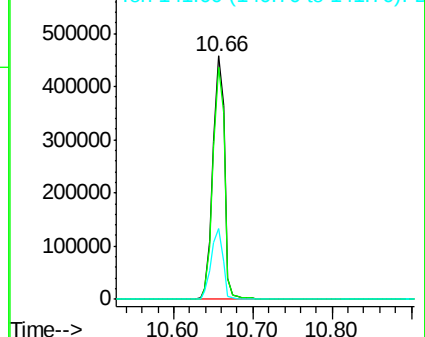
330 100

332 95.4 75.8 113.6

141 30.0 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: 72.524 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF120871.D

Acq: 15 Jul 2020 14:12

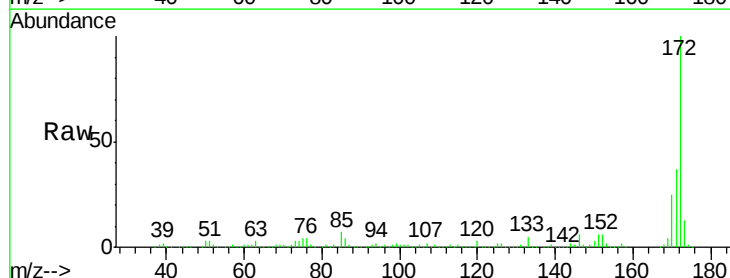
Tgt Ion:172 Resp: 1778938

Ion Ratio Lower Upper

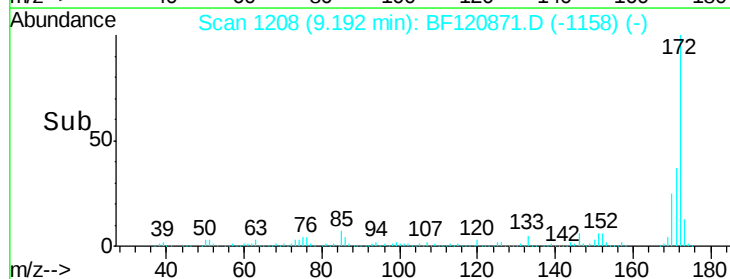
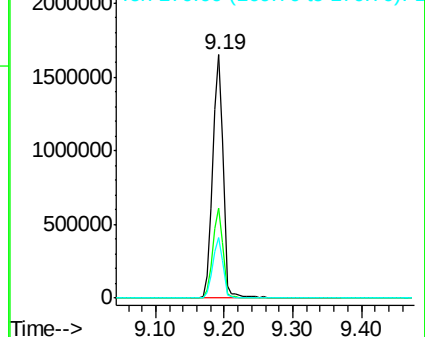
172 100

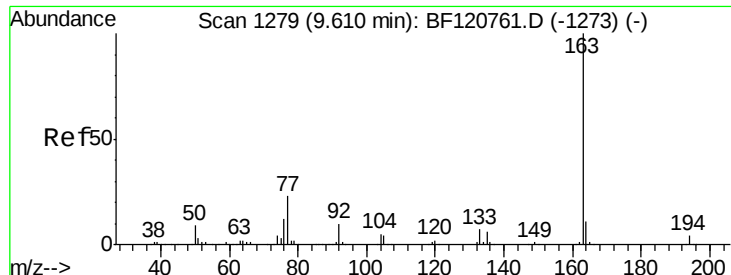
171 36.9 29.1 43.7

170 24.7 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

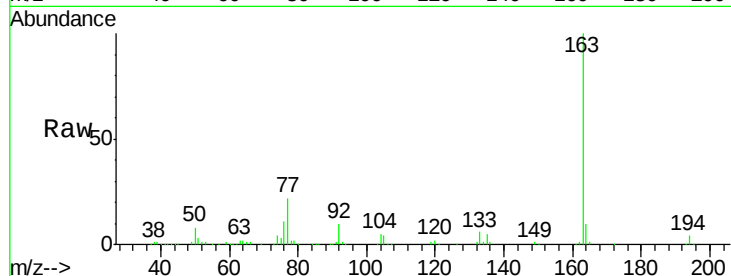




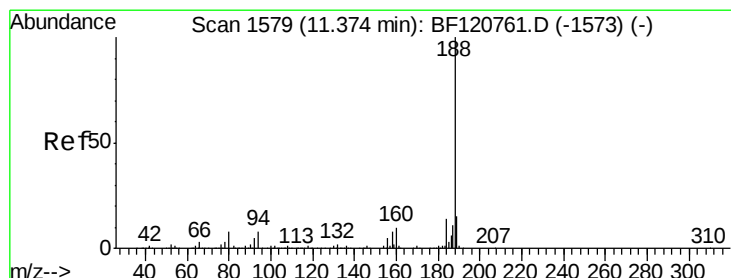
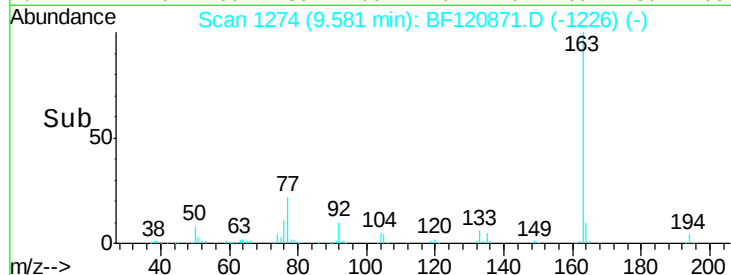
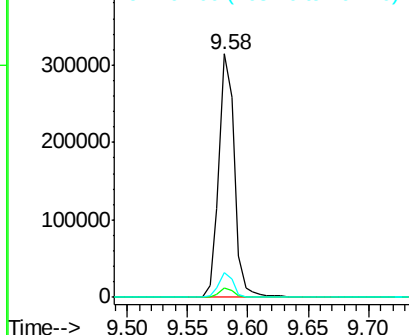
#50
Dimethylphthalate
Concen: 10.311 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Instrument :
BNA_F
ClientSampleId :
IRON-1

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	10.0	8.5	12.7

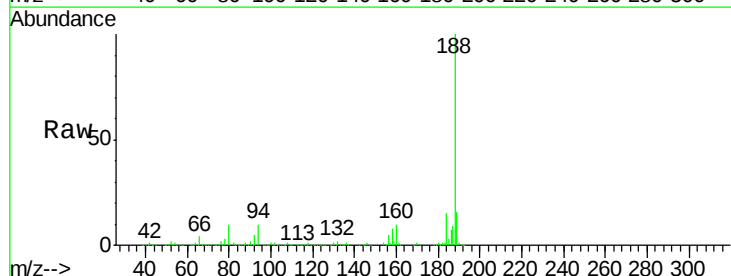


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

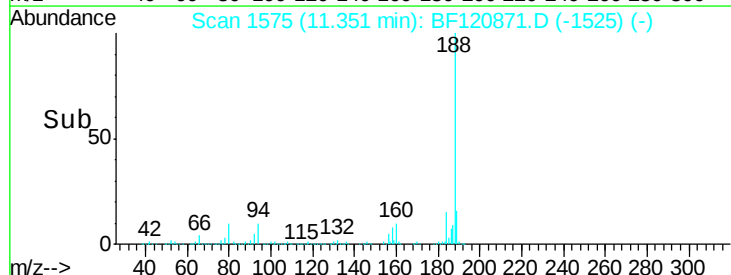
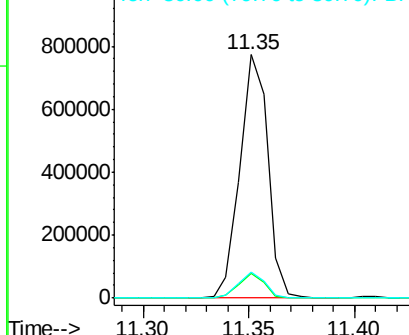


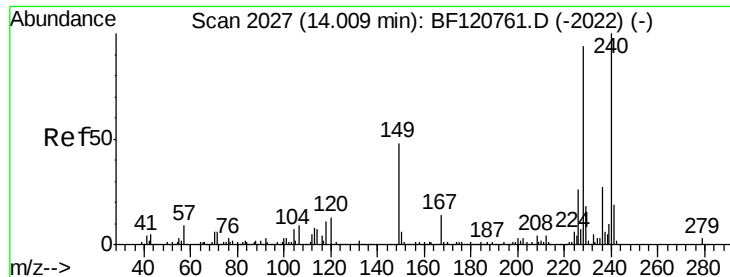
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF120871.D
Acq: 15 Jul 2020 14:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	6.6	9.8#
80	10.5	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

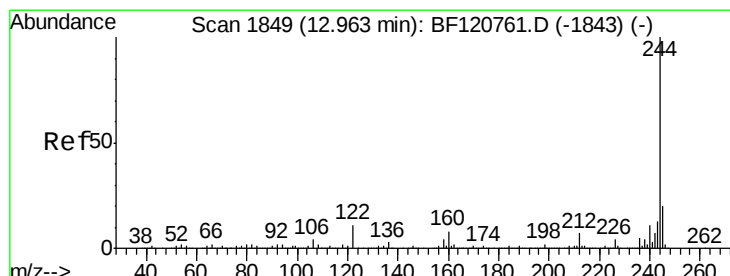
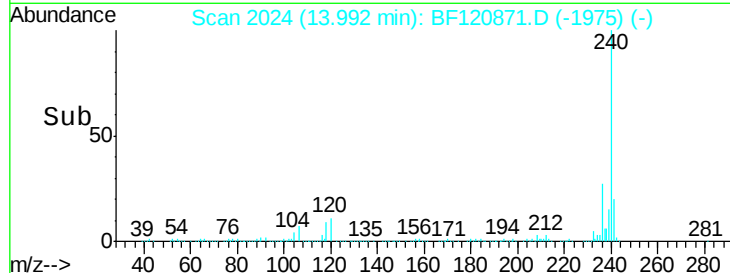
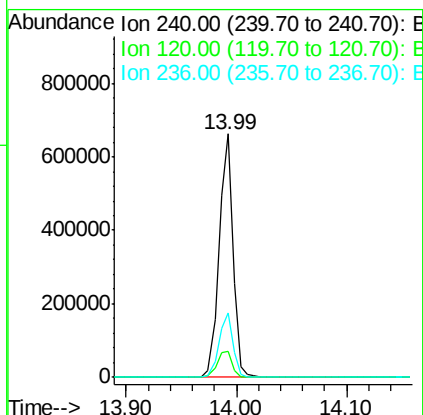
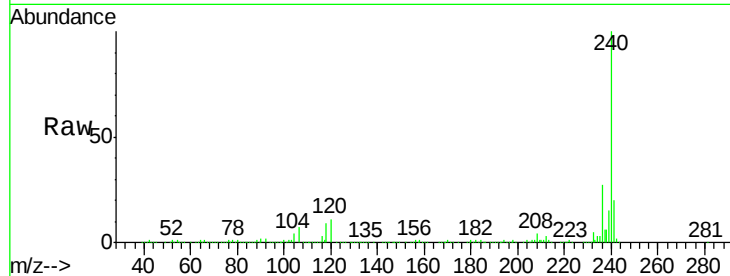




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF120871.D
 Acq: 15 Jul 2020 14:12

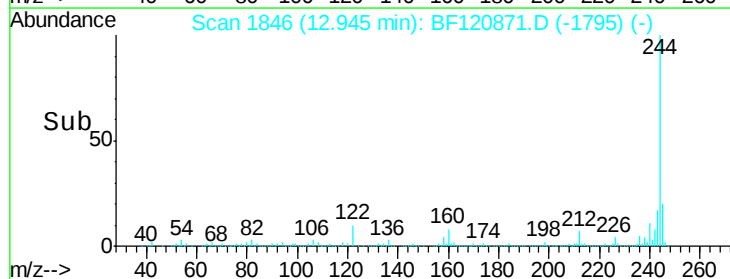
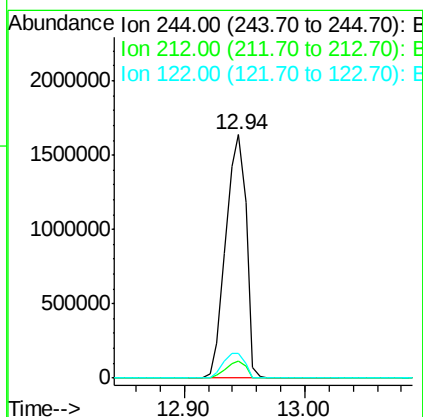
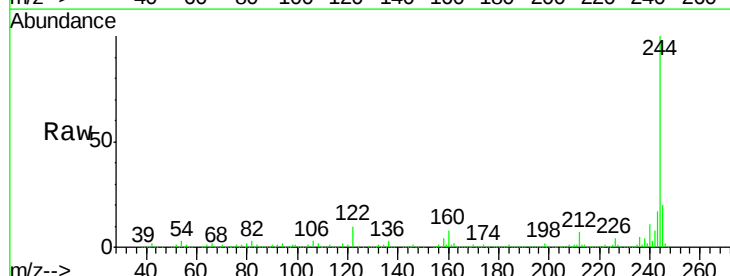
Instrument :
 BNA_F
 ClientSampleId :
 IRON-1

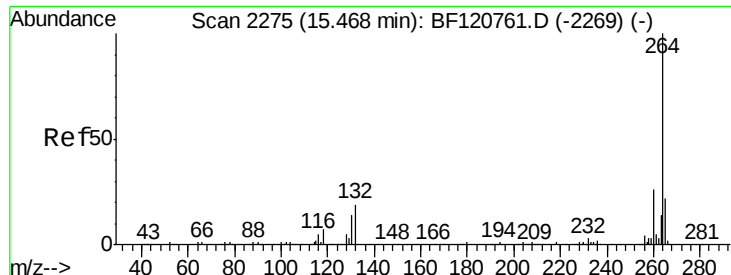
Tot Ion:240 Resp: 581051
 Ion Ratio Lower Upper
 240 100
 120 10.9 10.3 15.5
 236 26.6 21.4 32.2



#79
 Terphenyl-d14
 Concen: 64.746 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BF120871.D
 Acq: 15 Jul 2020 14:12

Tgt Ion:244 Resp: 1921500
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.3 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: BF120871.D
Acq: 15 Jul 2020 14:12

Instrument :
BNA_F
ClientSampleId :
IRON-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.6	30.8
265	21.4	17.6	26.4

