

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051520\
 Data File : BF120329.D
 Acq On : 15 May 2020 18:47
 Operator : MA/SJ
 Sample : L2646-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 16 00:14:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 12:31:31 2020
 Response via : Initial Calibration

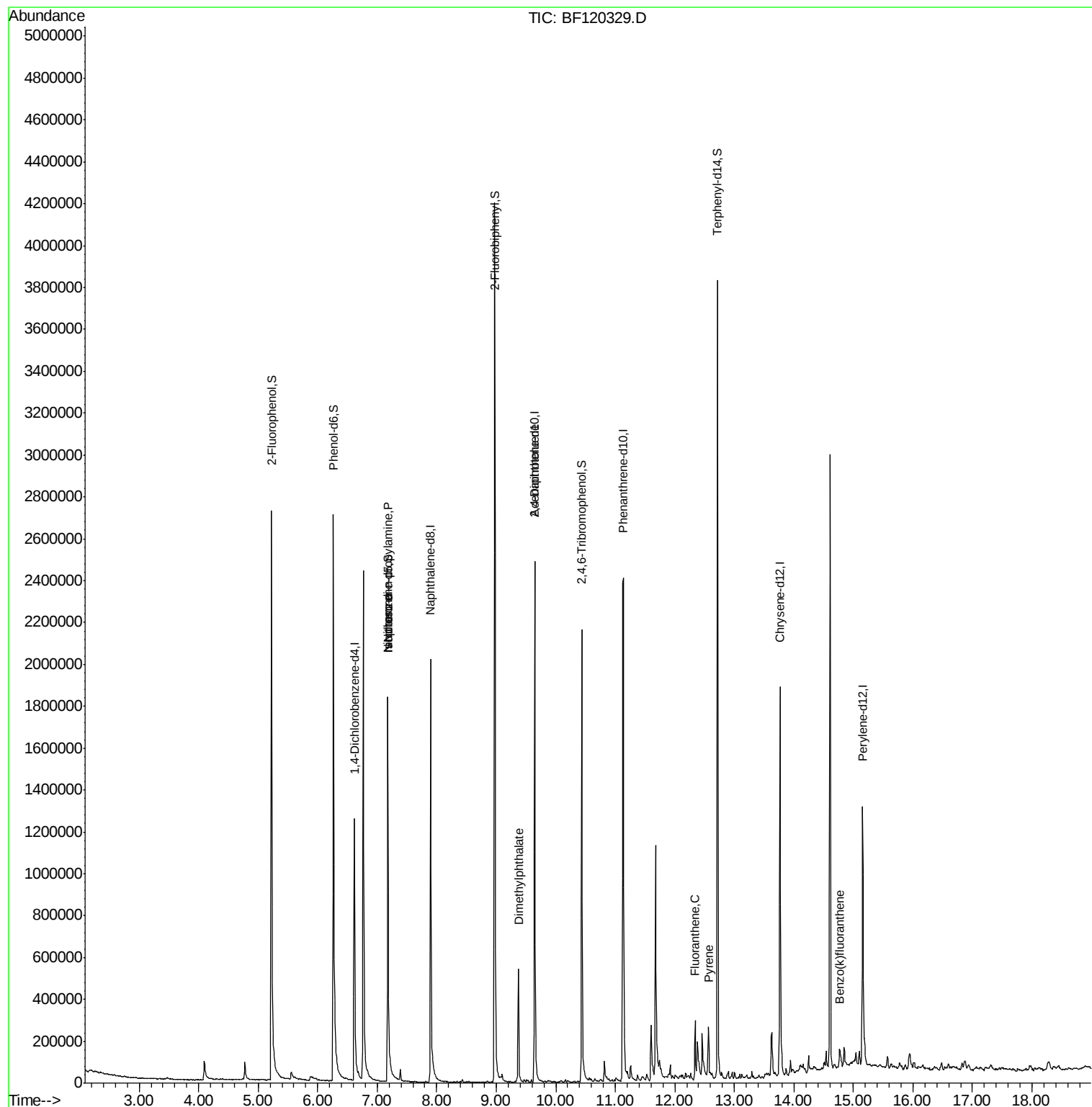
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	287071	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1177428	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	580908	20.00	ng	0.00
64) Phenanthrene-d10	11.13	188	1121735	20.00	ng	0.00
76) Chrysene-d12	13.77	240	723319	20.00	ng	0.00
87) Perylene-d12	15.16	264	561109	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	983259	66.64	ng	0.00
7) Phenol-d6	6.26	99	1273452	68.25	ng	-0.01
23) Nitrobenzene-d5	7.18	82	767299	44.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.44	330	313005	66.08	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	1482896	52.44	ng	0.00
79) Terphenyl-d14	12.72	244	1474127	45.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.18	70	94391	7.722	ng	# 78
25) Isophorone	7.18	82	767295	21.444	ng	# 65
50) Dimethylphthalate	9.37	163	261012	7.108	ng	98
57) 2,4-Dinitrotoluene	9.65	165	74485	7.747	ng	# 16
75) Fluoranthene	12.34	202	121539	2.406	ng	96
78) Pyrene	12.57	202	112814	2.188	ng	97
89) Benzo(k)fluoranthene	14.77	252	59075	2.225	ng	96

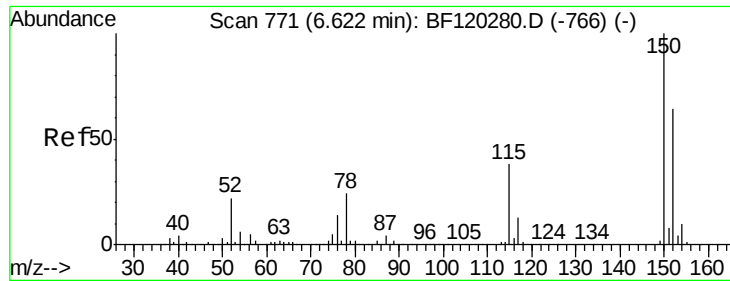
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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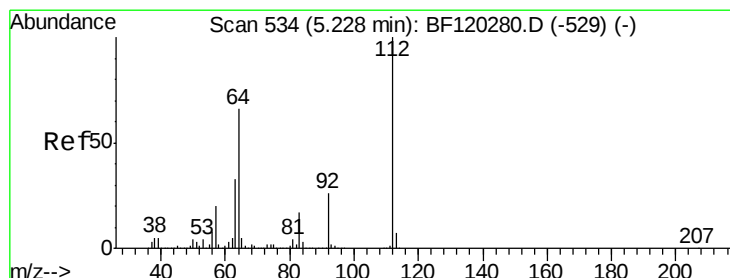
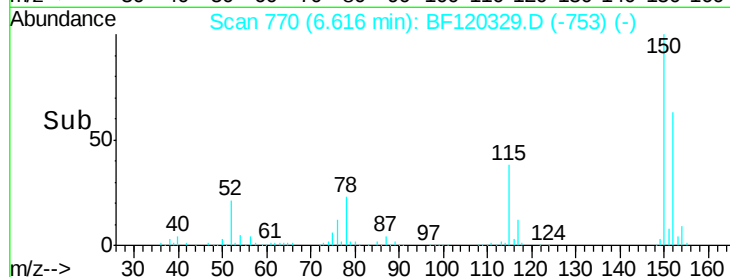
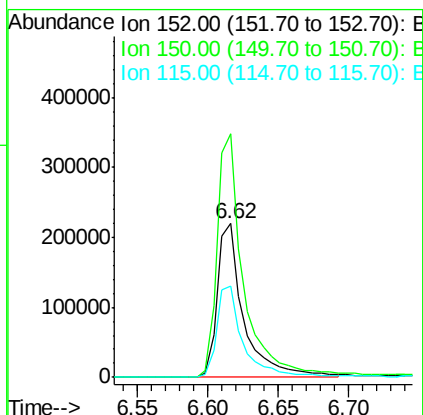
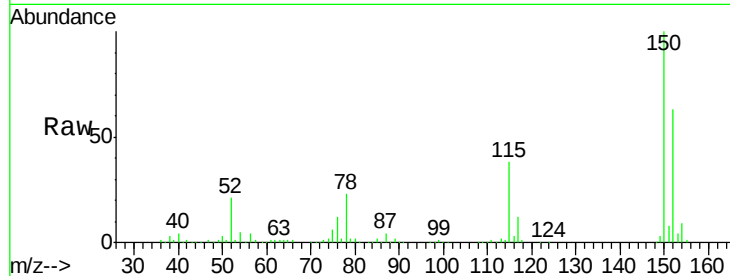


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF120329.D
Acq: 15 May 2020 18:47

Instrument :
BNA_F
ClientSampleId :

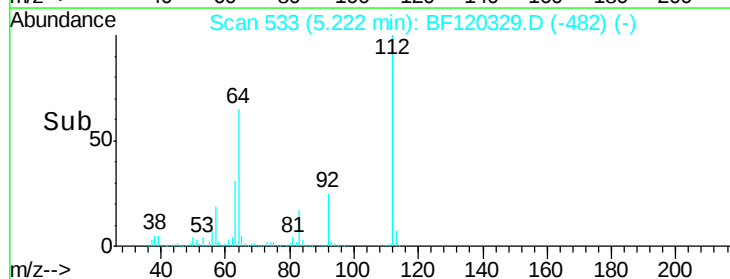
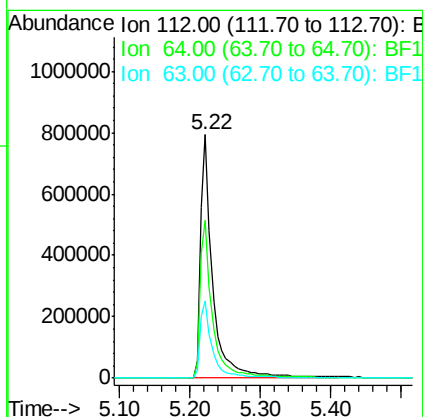
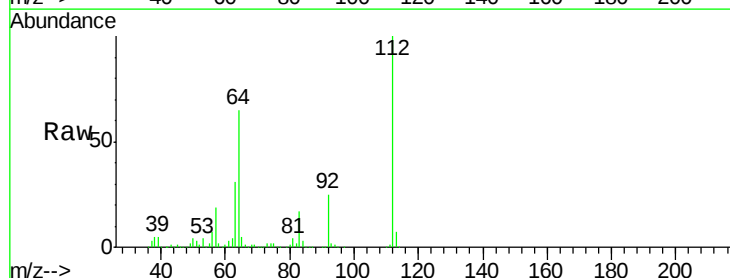
Tot Ion:152 Resp: 287071
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.2
115 59.8 47.9 71.9

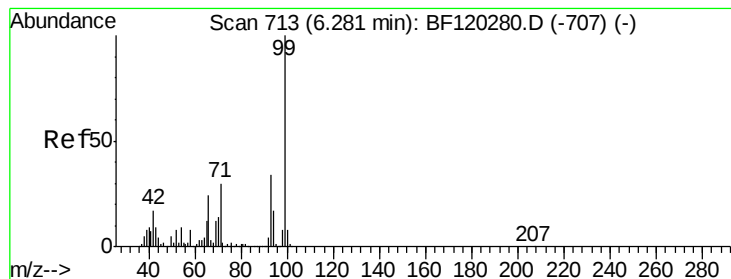


#5

2-Fluorophenol
Concen: 66.643 ng
RT: 5.22 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF120329.D
Acq: 15 May 2020 18:47

Tgt Ion:112 Resp: 983259
Ion Ratio Lower Upper
112 100
64 64.7 52.7 79.1
63 31.5 26.2 39.4





#7

Phenol-d6

Concen: 68.253 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF120329.D

Acq: 15 May 2020 18:47

Instrument :

BNA_F

ClientSampleId :

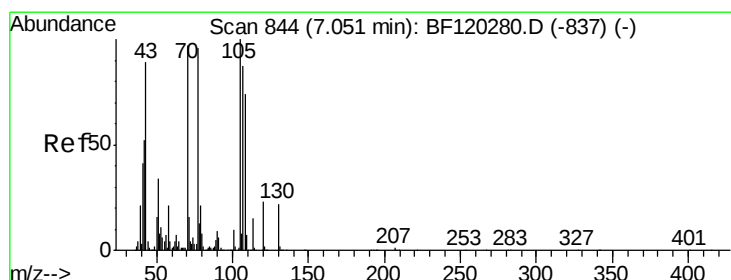
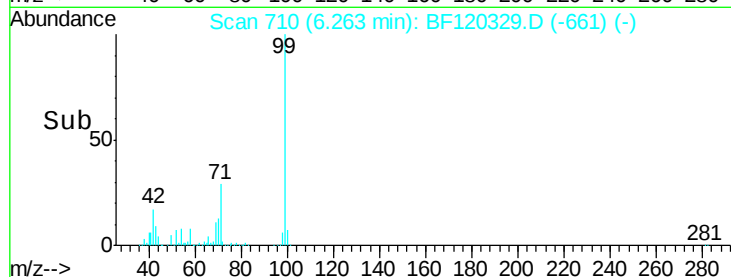
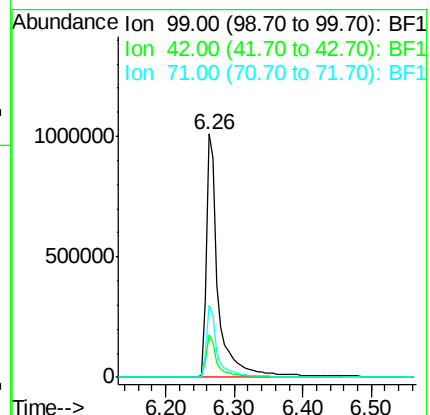
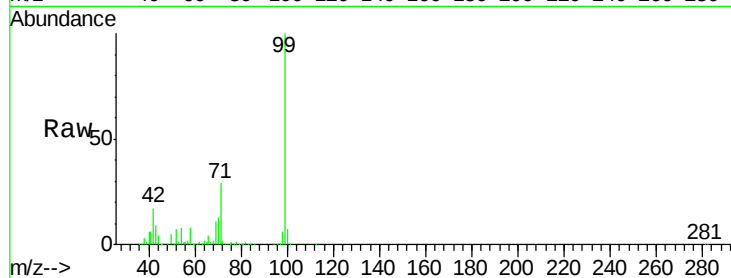
Tot Ion: 99 Resp: 1273452

Ion Ratio Lower Upper

99 100

42 17.3 13.6 20.4

71 29.4 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 7.722 ng

RT: 7.18 min Scan# 866

Delta R.T. 0.14 min

Lab File: BF120329.D

Acq: 15 May 2020 18:47

Tgt Ion: 70 Resp: 94391

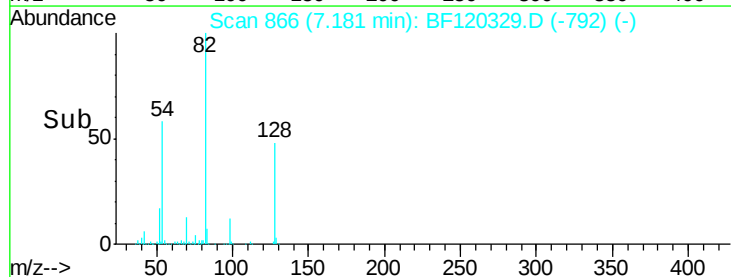
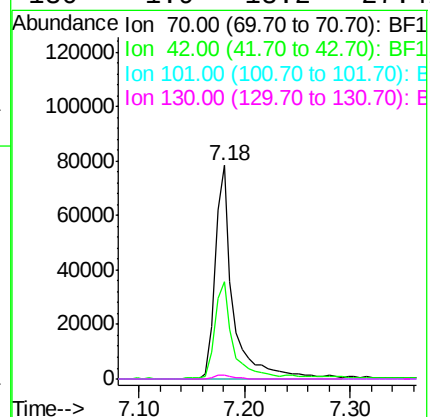
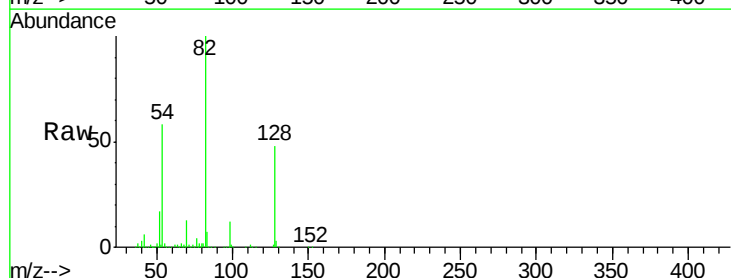
Ion Ratio Lower Upper

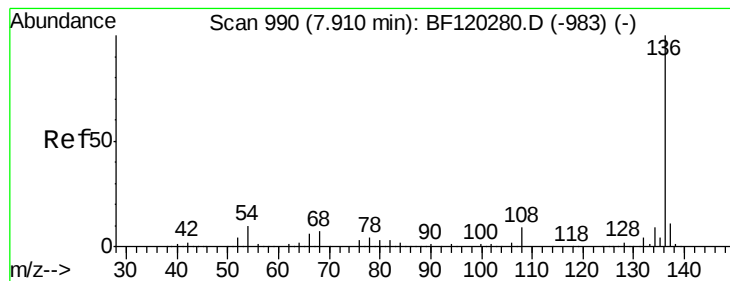
70 100

42 45.5 43.4 65.0

101 0.0 7.8 11.8#

130 1.9 18.2 27.4#

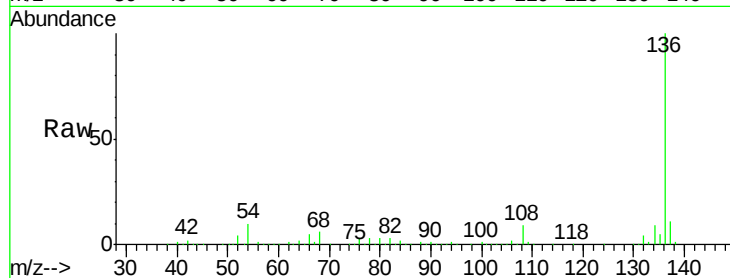




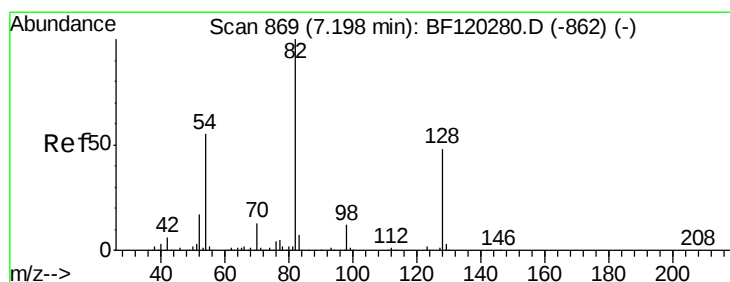
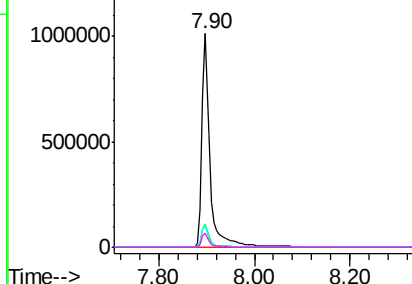
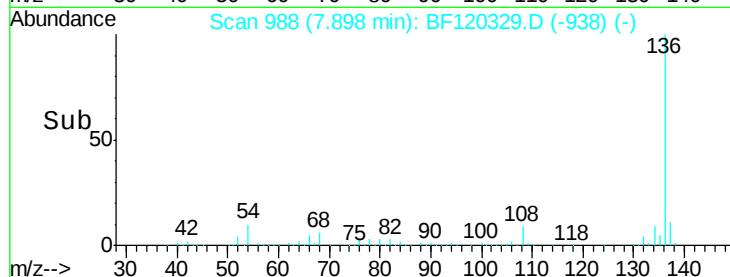
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF120329.D
Acq: 15 May 2020 18:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1177428
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 10.2 7.9 11.9
68 6.4 5.4 8.2

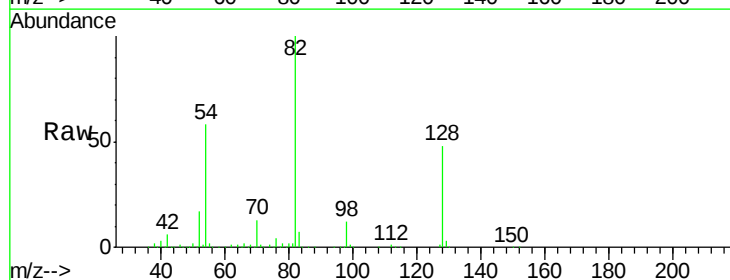


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

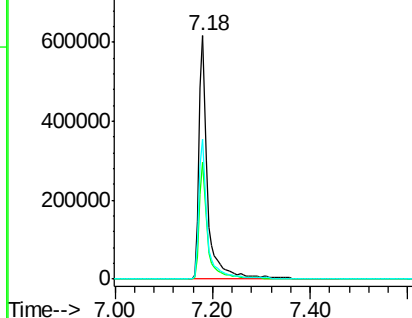
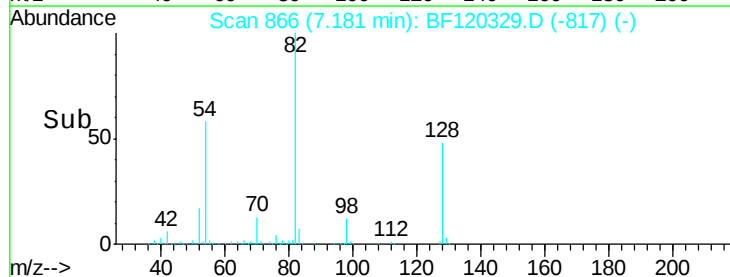


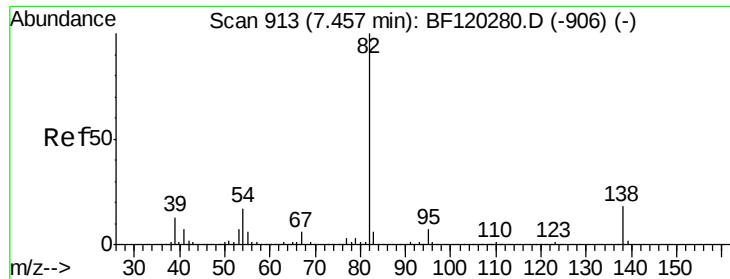
#23
Nitrobenzene-d5
Concen: 44.618 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF120329.D
Acq: 15 May 2020 18:47

Tgt Ion: 82 Resp: 767299
Ion Ratio Lower Upper
82 100
128 47.9 38.3 57.5
54 57.7 43.9 65.9



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

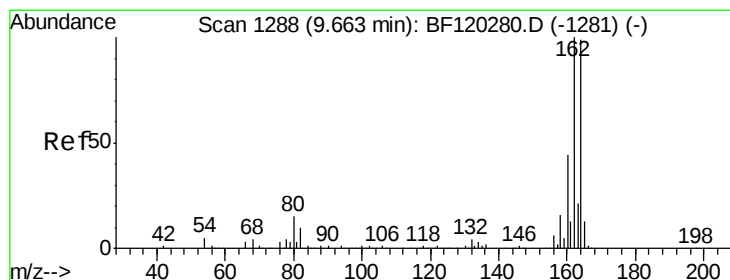
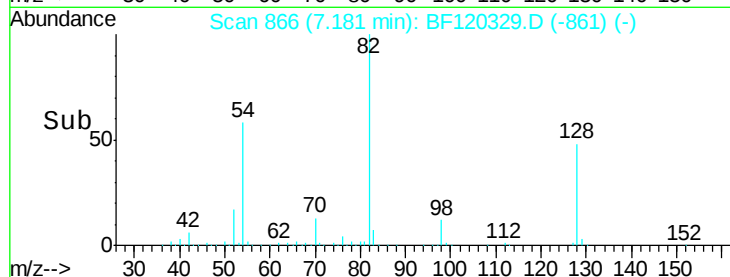
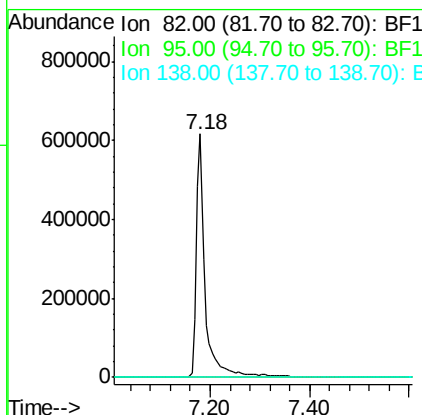
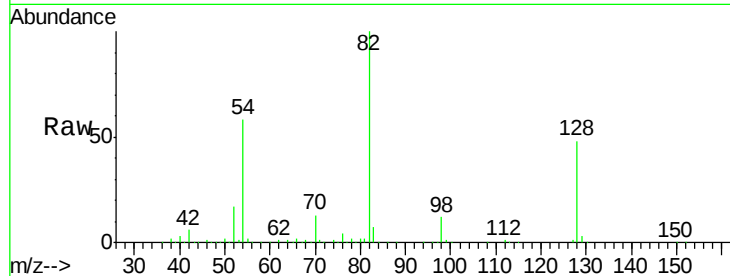




#25
Isophorone
Concen: 21.444 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.27 min
Lab File: BF120329.D
Acq: 15 May 2020 18:47

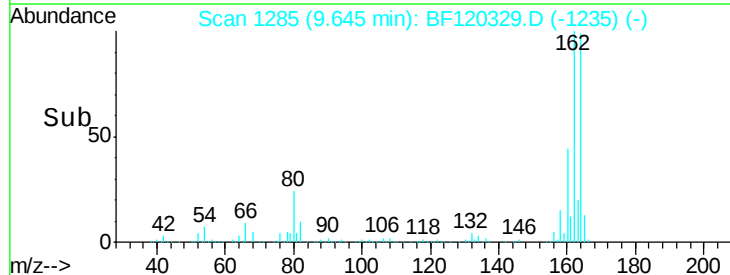
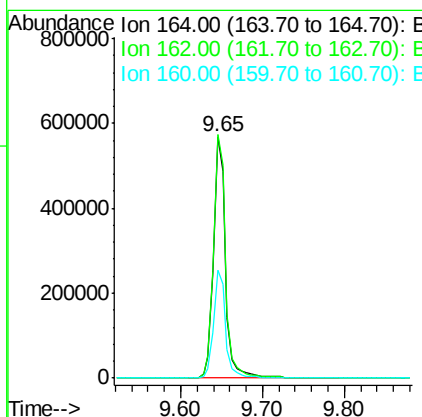
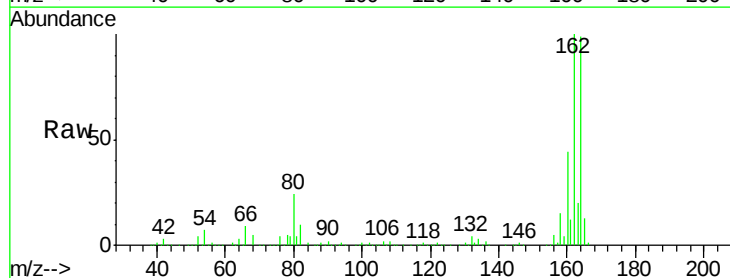
Instrument :
BNA_F
ClientSampleId :

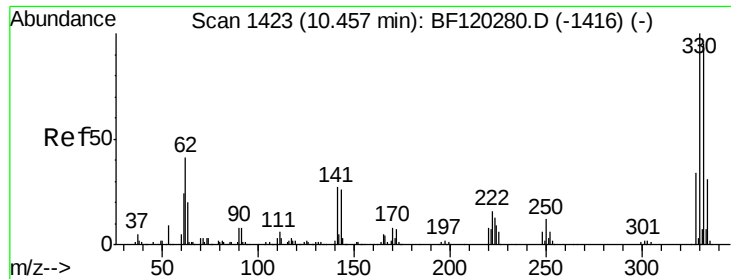
Tot Ion: 82 Resp: 767295
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF120329.D
Acq: 15 May 2020 18:47

Tgt Ion:164 Resp: 580908
Ion Ratio Lower Upper
164 100
162 101.0 81.2 121.8
160 44.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 66.085 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF120329.D

Acq: 15 May 2020 18:47

Instrument :

BNA_F

ClientSampleId :

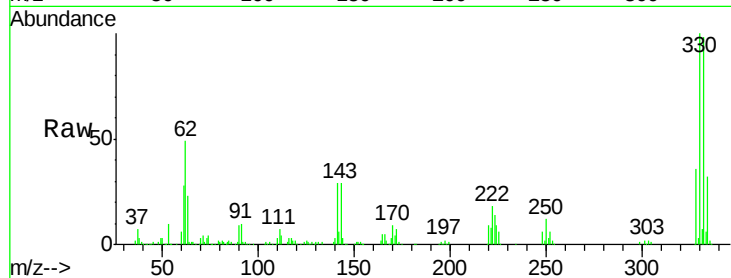
Tot Ion:330 Resp: 313005

Ion Ratio Lower Upper

330 100

332 95.8 76.5 114.7

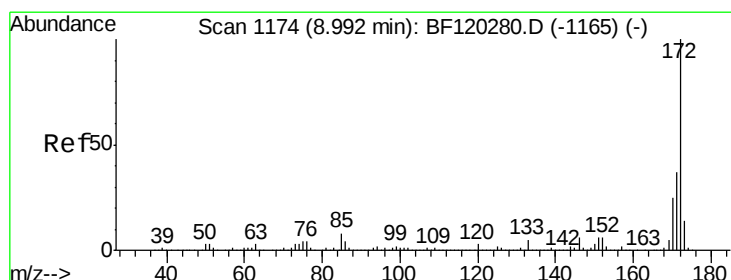
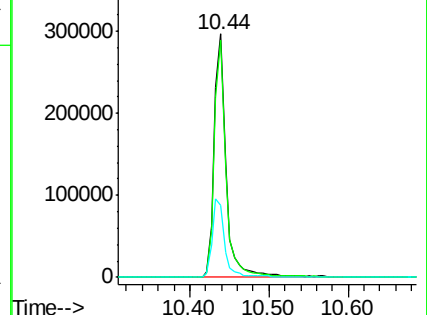
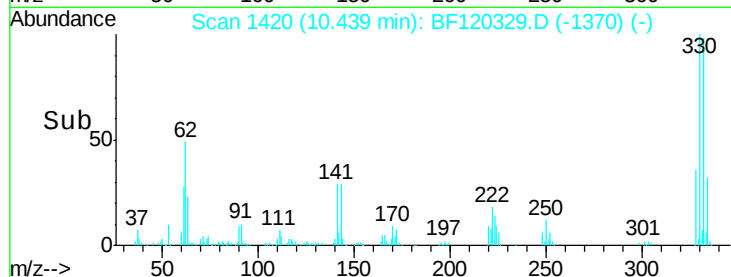
141 33.5 25.4 38.0



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: 52.445 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF120329.D

Acq: 15 May 2020 18:47

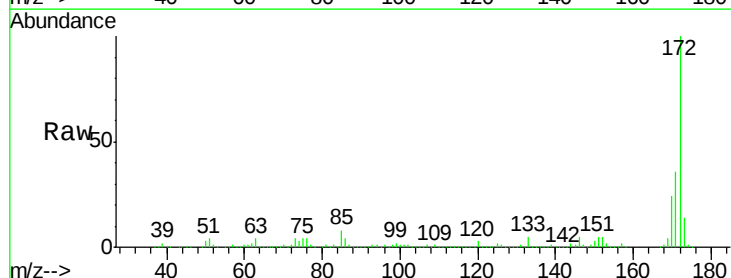
Tgt Ion:172 Resp: 1482896

Ion Ratio Lower Upper

172 100

171 36.5 29.7 44.5

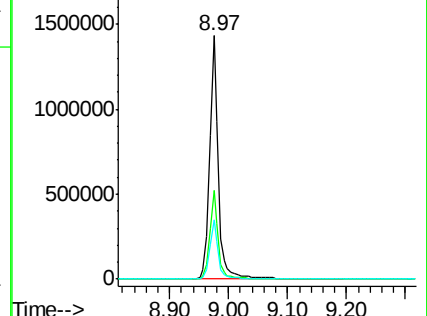
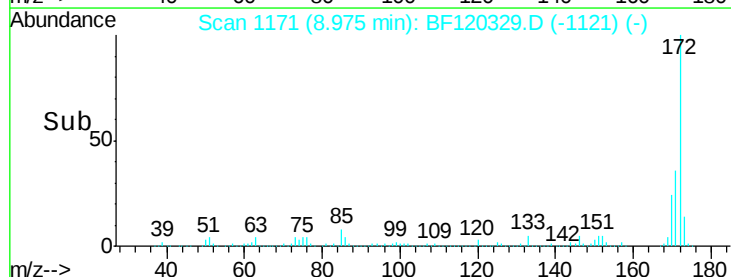
170 24.4 19.9 29.9

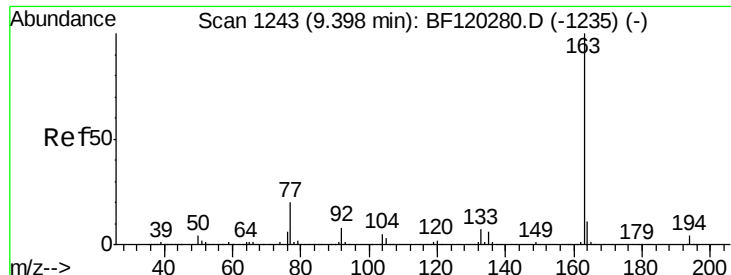


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

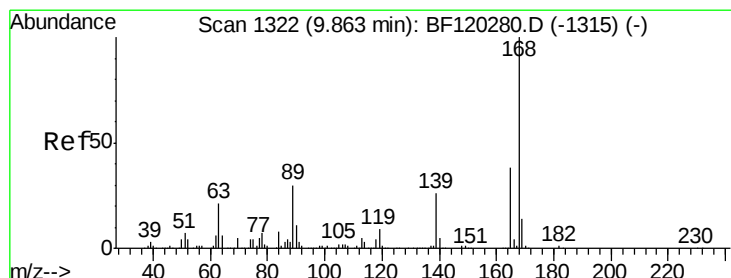
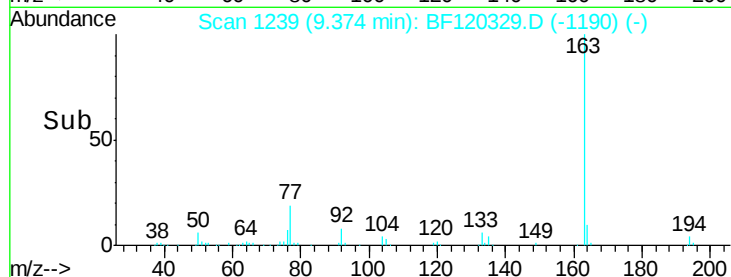
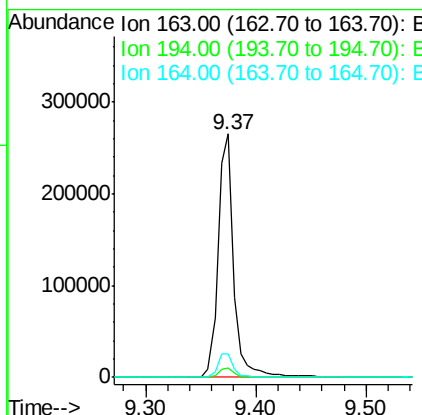
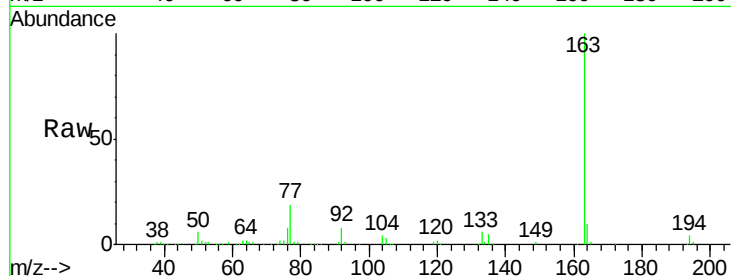




#50
Dimethylphthalate
Concen: 7.108 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF120329.D
Acq: 15 May 2020 18:47

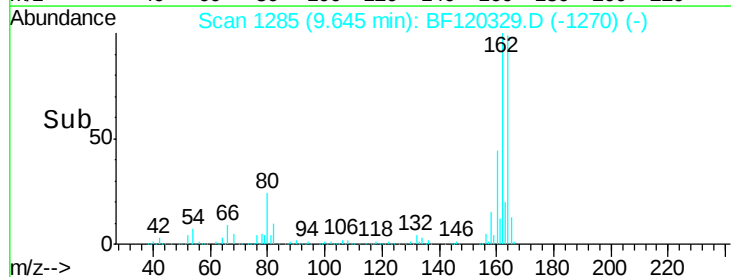
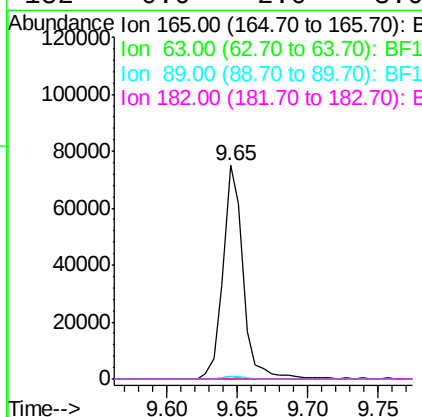
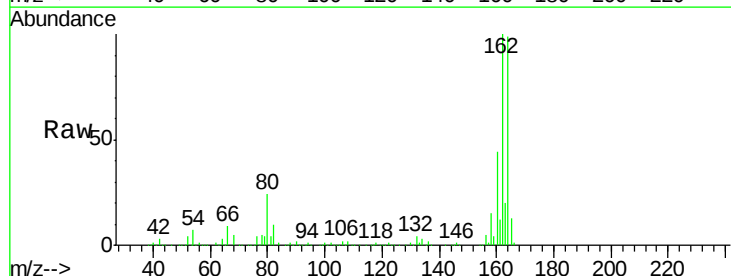
Instrument :
BNA_F
ClientSampleId :

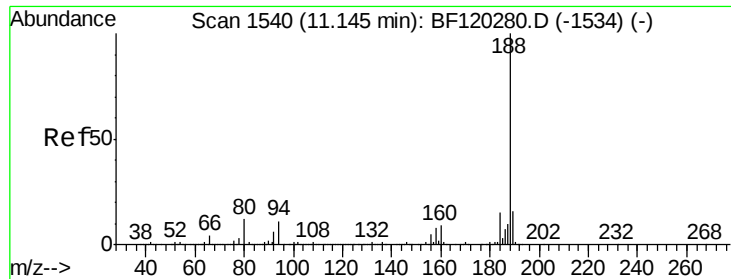
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	9.7	8.6	12.8



#57
2,4-Dinitrotoluene
Concen: 7.747 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.21 min
Lab File: BF120329.D
Acq: 15 May 2020 18:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	51.8	77.8#
89	1.0	64.2	96.4#
182	0.0	2.0	3.0#

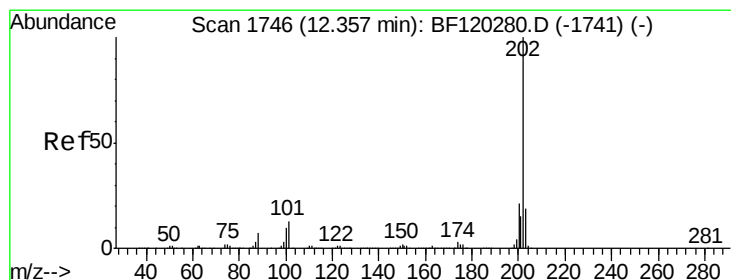
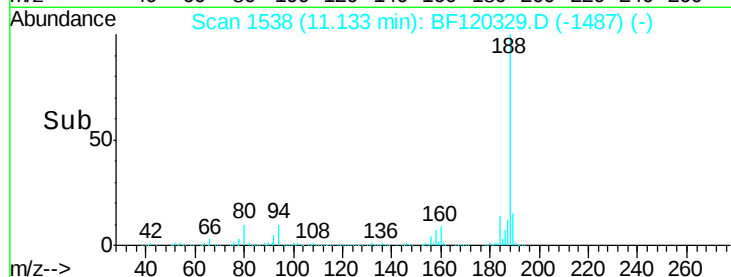
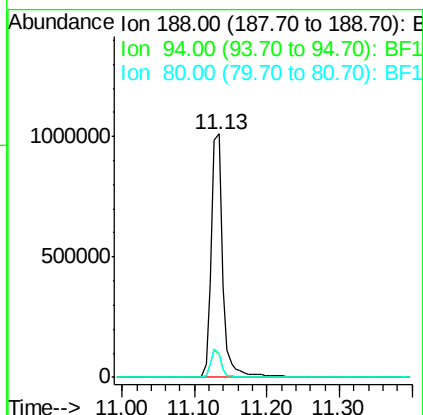
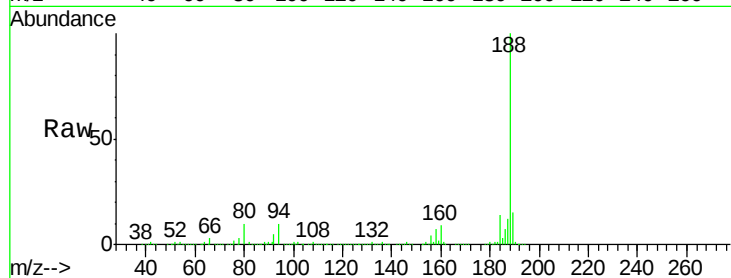




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BF120329.D
Acq: 15 May 2020 18:47

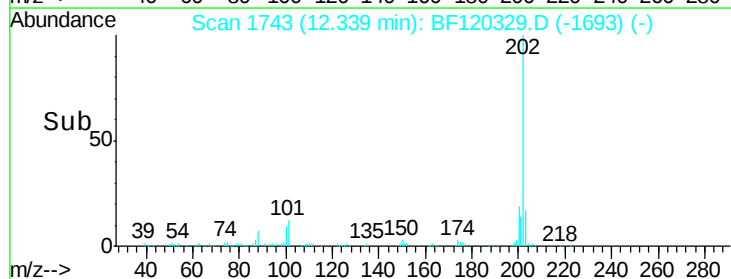
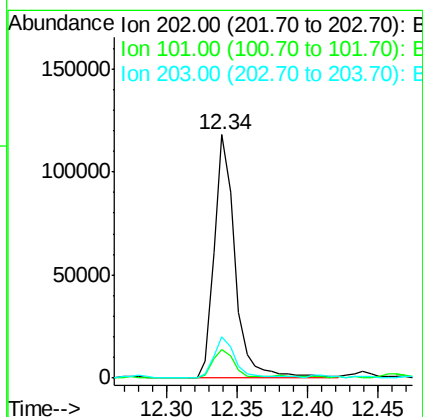
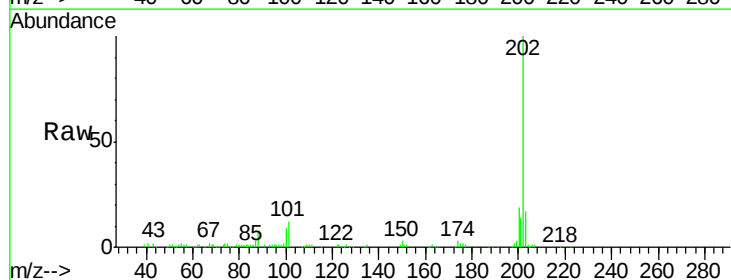
Instrument :
BNA_F
ClientSampled :

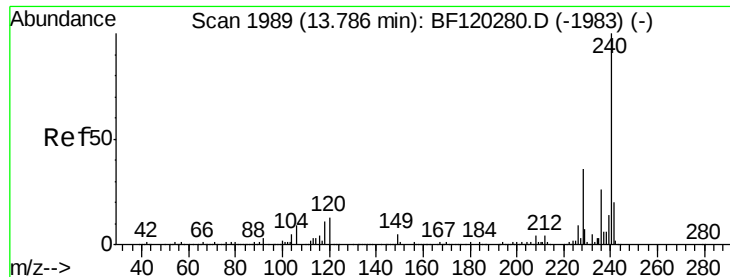
Tot Ion:188 Resp: 1121735
Ion Ratio Lower Upper
188 100
94 9.8 8.6 13.0
80 9.9 9.2 13.8



#75
Fluoranthene
Concen: 2.406 ng
RT: 12.34 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BF120329.D
Acq: 15 May 2020 18:47

Tgt Ion:202 Resp: 121539
Ion Ratio Lower Upper
202 100
101 11.9 0.0 33.2
203 16.9 0.0 39.1

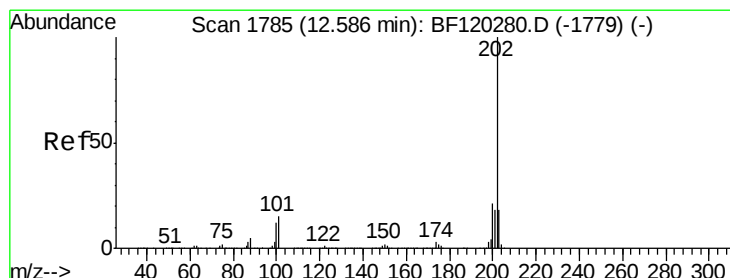
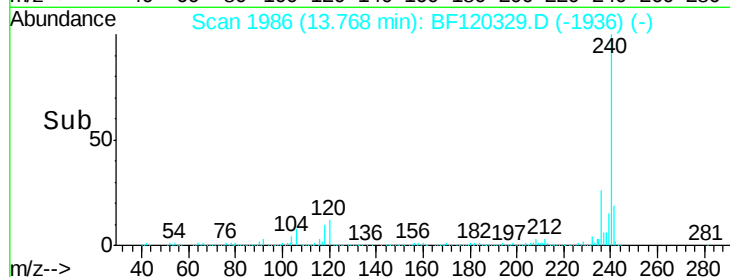
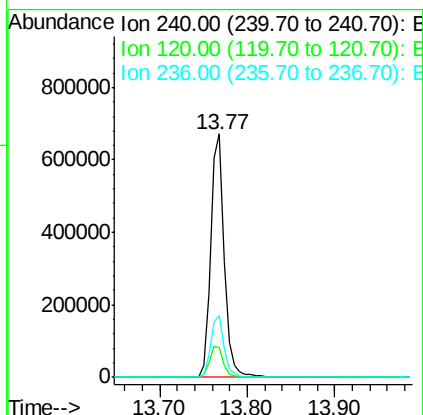
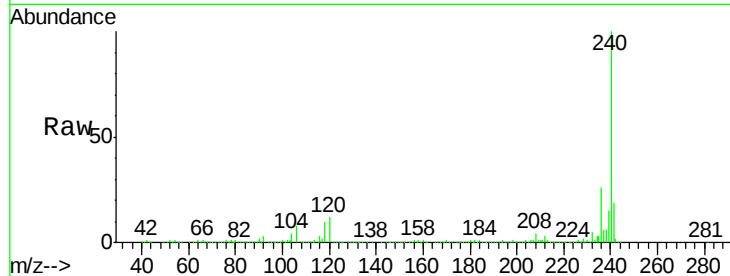




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF120329.D
Acq: 15 May 2020 18:47

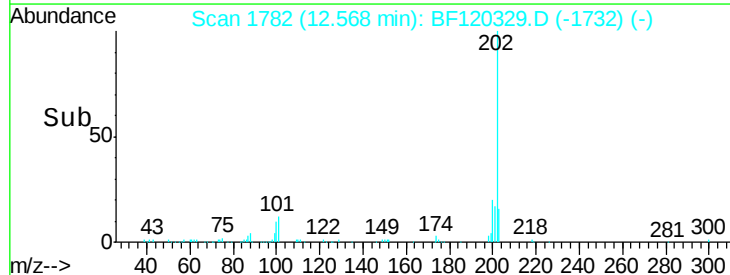
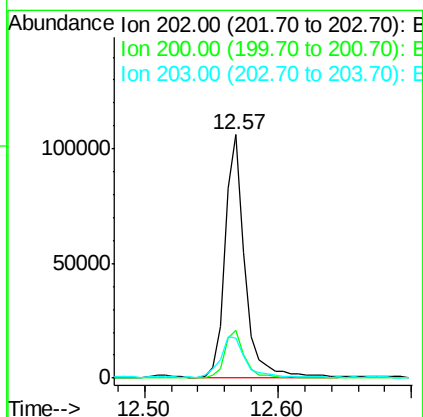
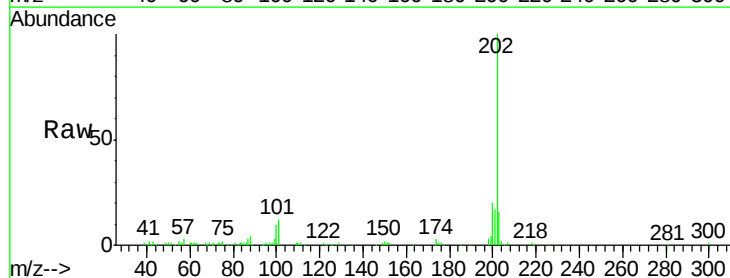
Instrument :
BNA_F
ClientSampleId :

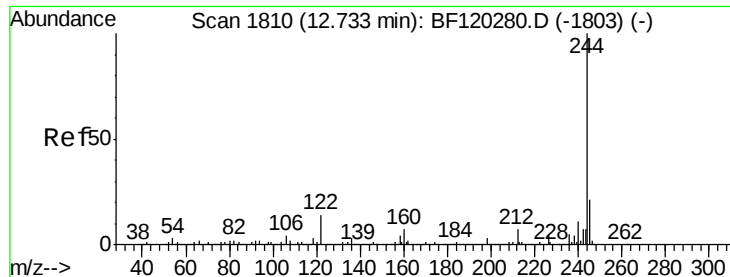
Tot Ion:240 Resp: 723319
Ion Ratio Lower Upper
240 100
120 12.5 10.4 15.6
236 25.6 21.0 31.6



#78
Pyrene
Concen: 2.188 ng
RT: 12.57 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BF120329.D
Acq: 15 May 2020 18:47

Tgt Ion:202 Resp: 112814
Ion Ratio Lower Upper
202 100
200 19.9 16.6 25.0
203 16.5 14.6 22.0

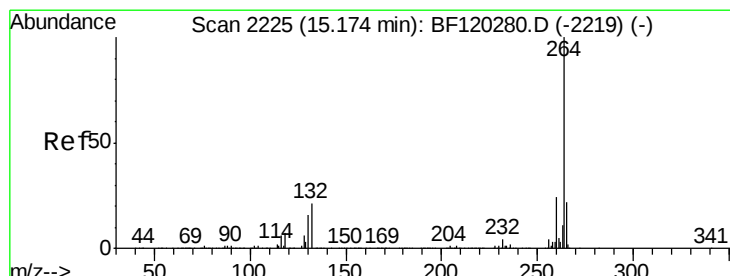
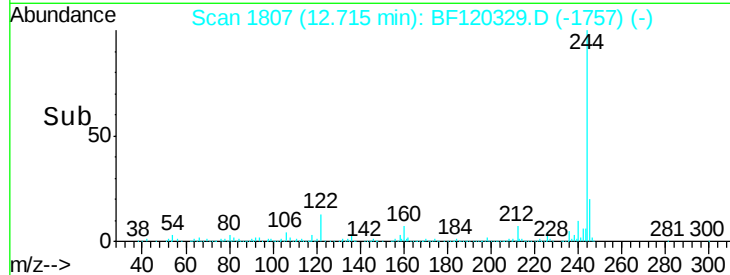
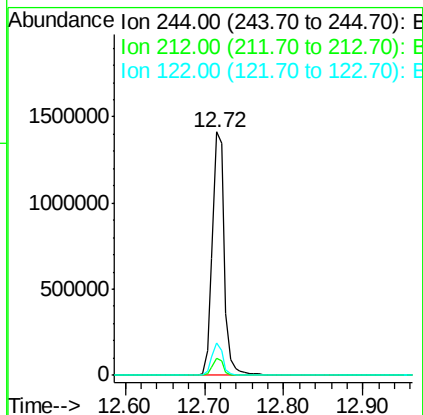
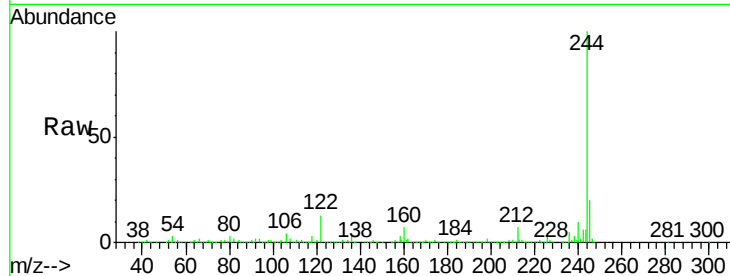




#79
 Terphenyl-d14
 Concen: 45.024 ng
 RT: 12.72 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: BF120329.D
 Acq: 15 May 2020 18:47

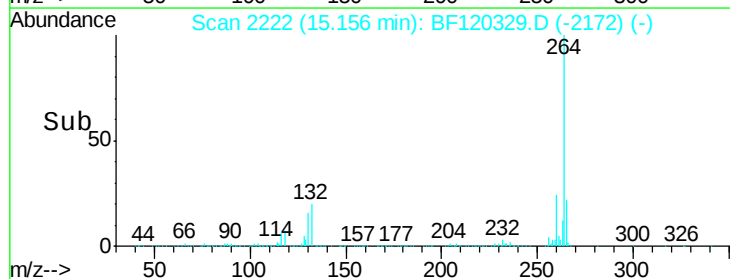
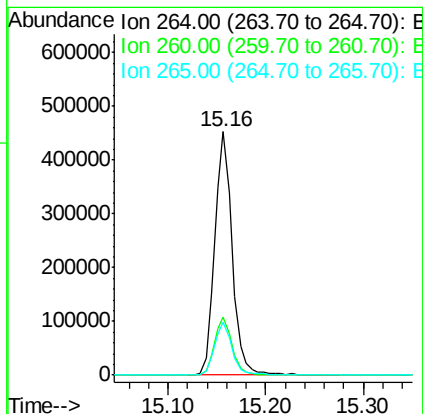
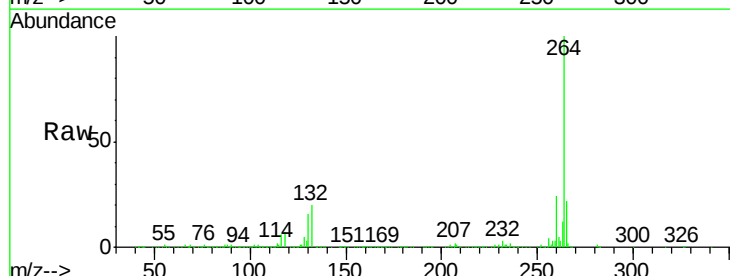
Instrument :
 BNA_F
 ClientSampleId :

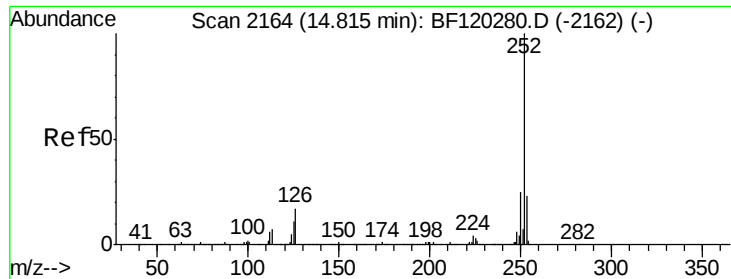
Tot Ion:244 Resp: 1474127
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 13.4 10.8 16.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.16 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BF120329.D
 Acq: 15 May 2020 18:47

Tgt Ion:264 Resp: 561109
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.7 17.5 26.3





#89

Benzo(k)fluoranthene

Concen: 2.225 ng

RT: 14.77 min Scan# 2157

Delta R.T. -0.03 min

Lab File: BF120329.D

Acq: 15 May 2020 18:47

Instrument :

BNA_F

ClientSampleId :

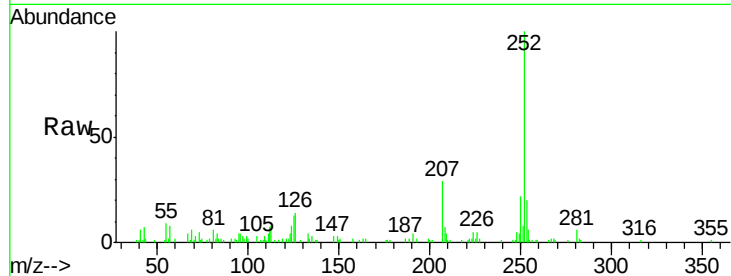
Tot Ion:252 Resp: 59075

Ion Ratio Lower Upper

252 100

253 20.3 18.2 27.2

125 12.8 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

