

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072022\
 Data File : BN020798.D
 Acq On : 20 Jul 2022 09:29
 Operator : CG/JU
 Sample : PB146307BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB146307BL

Quant Time: Jul 20 10:45:38 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 16 03:21:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	2265	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	8916	0.400	ng	# 0.01
13) Acenaphthene-d10	14.474	164	5574	0.400	ng	0.01
19) Phenanthrene-d10	17.225	188	12270	0.400	ng	# 0.01
29) Chrysene-d12	21.431	240	10205	0.400	ng	0.00
35) Perylene-d12	23.779	264	8097	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	2177	0.346	ng	0.00
5) Phenol-d6	7.031	99	1671	0.222	ng	0.02
8) Nitrobenzene-d5	9.014	82	1370	0.190	ng	0.04
11) 2-Methylnaphthalene-d10	12.227	152	4930	0.323	ng	0.02
14) 2,4,6-Tribromophenol	15.984	330	322	0.153	ng	0.01
15) 2-Fluorobiphenyl	13.105	172	6170	0.268	ng	0.01
27) Fluoranthene-d10	19.265	212	12194	0.335	ng	0.00
31) Terphenyl-d14	19.864	244	8788	0.360	ng	0.00

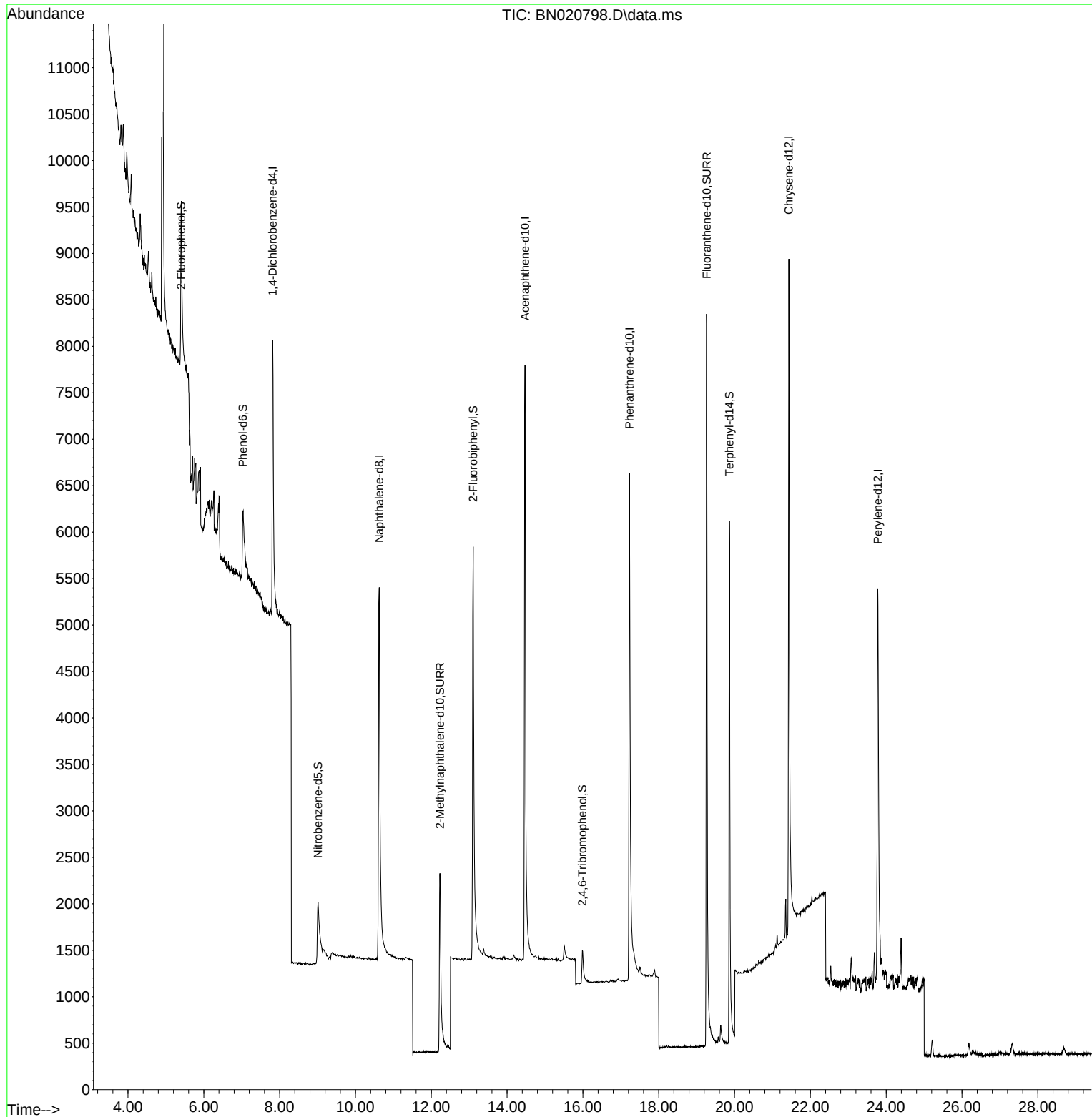
Target Compounds Qvalue

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

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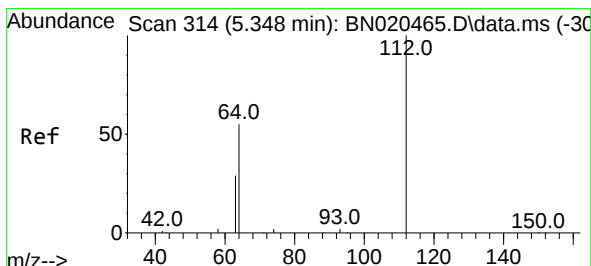
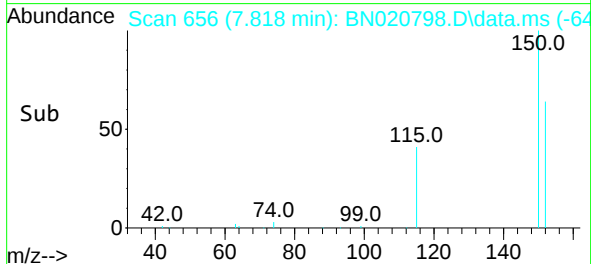
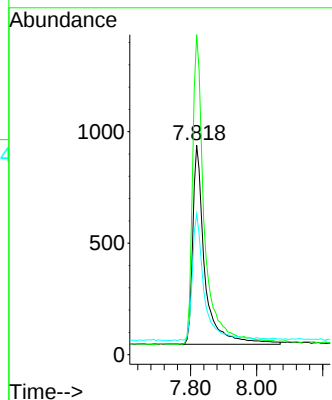
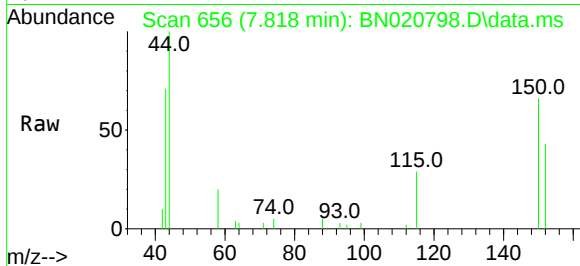




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.818 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN020798.D
Acq: 20 Jul 2022 09:29

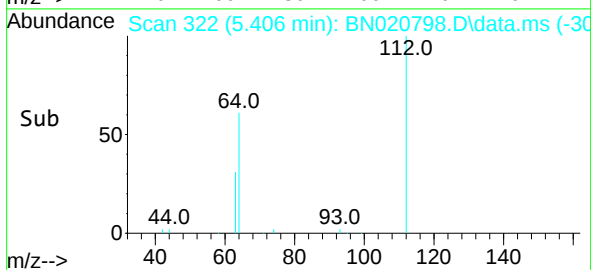
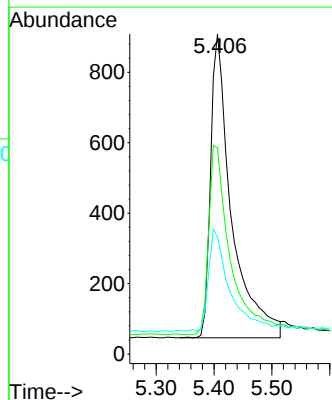
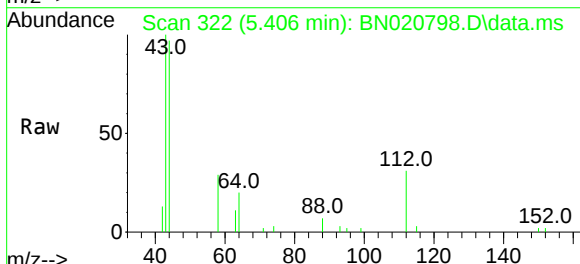
Instrument :
BNA_N
ClientSampleId :
PB146307BL

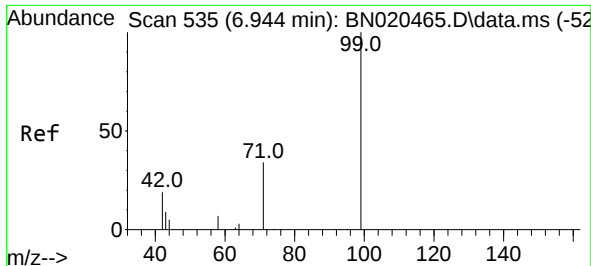
Tgt Ion:152 Resp: 2265
Ion Ratio Lower Upper
152 100
150 152.8 127.9 191.9
115 67.2 51.4 77.2



#4
2-Fluorophenol
Concen: 0.346 ng
RT: 5.406 min Scan# 322
Delta R.T. 0.007 min
Lab File: BN020798.D
Acq: 20 Jul 2022 09:29

Tgt Ion:112 Resp: 2177
Ion Ratio Lower Upper
112 100
64 64.9 49.1 73.7
63 34.0 26.3 39.5

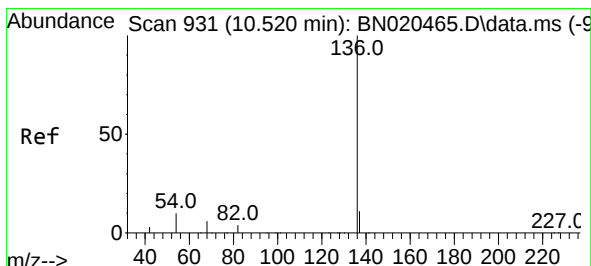
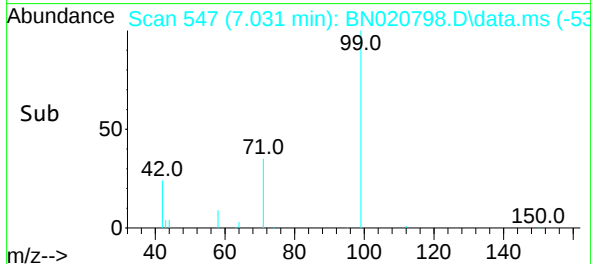
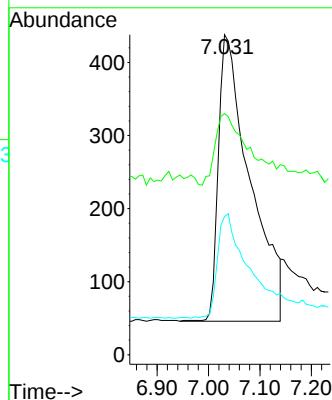
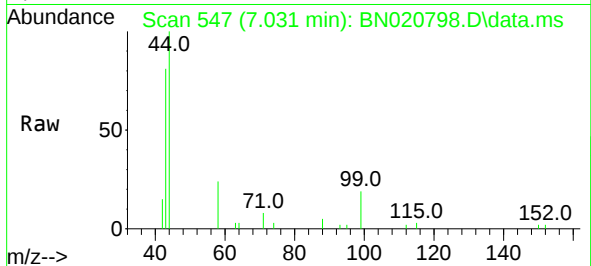




#5
Phenol-d6
Concen: 0.222 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.022 min
Lab File: BN020798.D
Acq: 20 Jul 2022 09:29

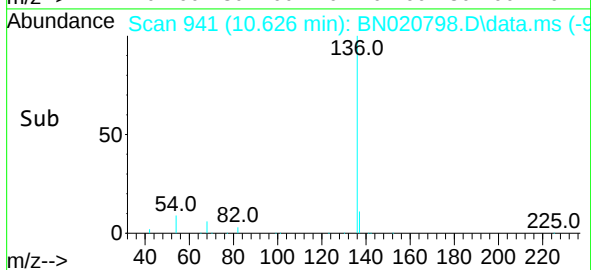
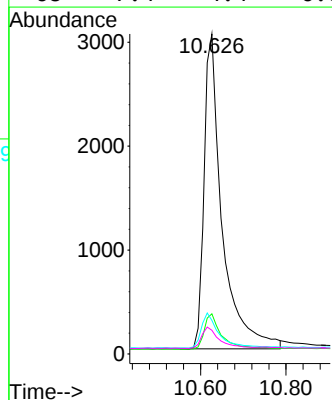
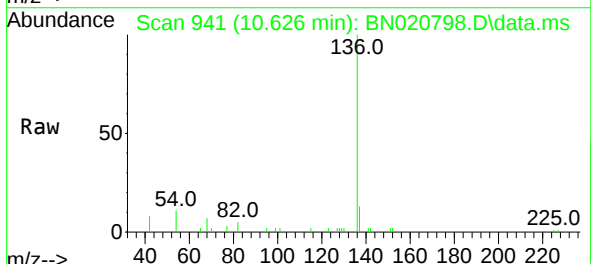
Instrument :
BNA_N
ClientSampleId :
PB146307BL

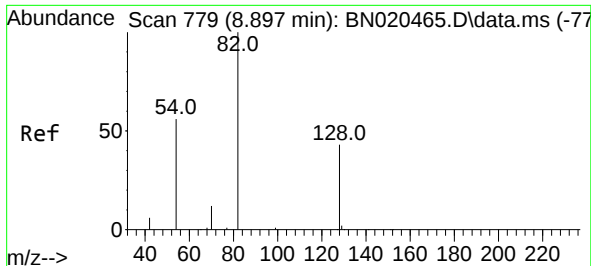
Tgt Ion: 99 Resp: 1671
Ion Ratio Lower Upper
99 100
42 26.8 19.3 28.9
71 35.3 27.5 41.3



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. 0.011 min
Lab File: BN020798.D
Acq: 20 Jul 2022 09:29

Tgt Ion: 136 Resp: 8916
Ion Ratio Lower Upper
136 100
137 12.6 9.0 13.6
54 10.5 6.2 9.2#
68 7.4 4.4 6.6#

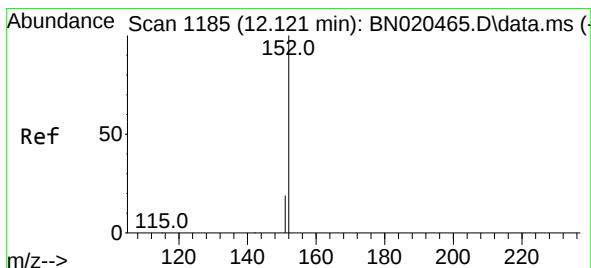
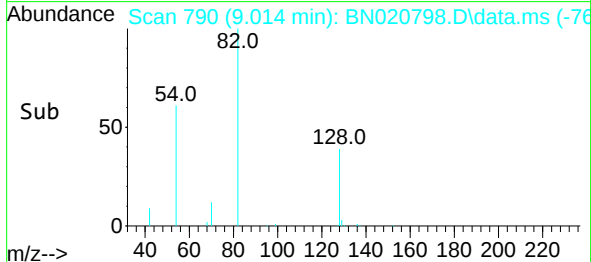
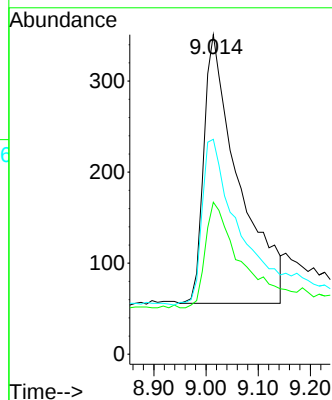
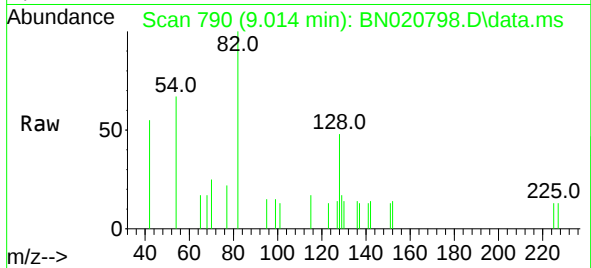




#8
 Nitrobenzene-d5
 Concen: 0.190 ng
 RT: 9.014 min Scan# 79
 Delta R.T. 0.043 min
 Lab File: BN020798.D
 Acq: 20 Jul 2022 09:29

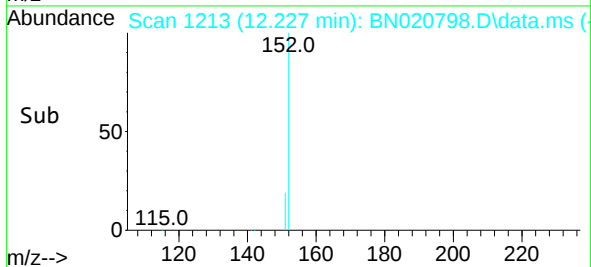
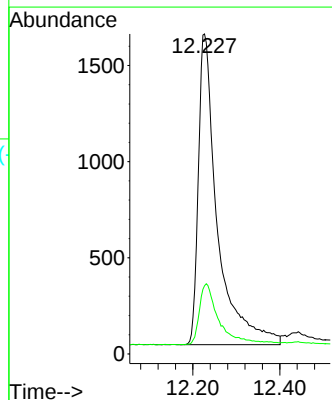
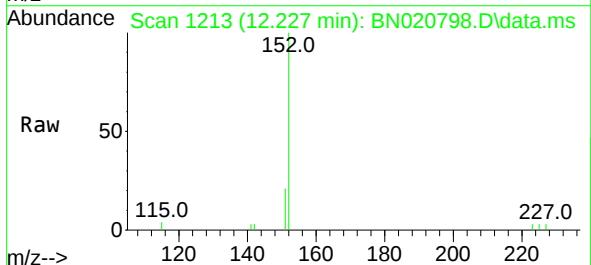
Instrument :
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 ClientSampleId :
 PB146307BL

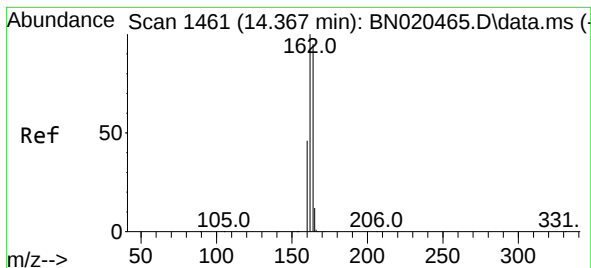
Tgt Ion: 82 Resp: 1370
 Ion Ratio Lower Upper
 82 100
 128 47.6 35.0 52.6
 54 67.2 46.2 69.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.323 ng
 RT: 12.227 min Scan# 1213
 Delta R.T. 0.015 min
 Lab File: BN020798.D
 Acq: 20 Jul 2022 09:29

Tgt Ion: 152 Resp: 4930
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.2 24.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.474 min Scan# 1461

Delta R.T. 0.011 min

Lab File: BN020798.D

Acq: 20 Jul 2022 09:29

Instrument :

BNA_N

ClientSampleId :

PB146307BL

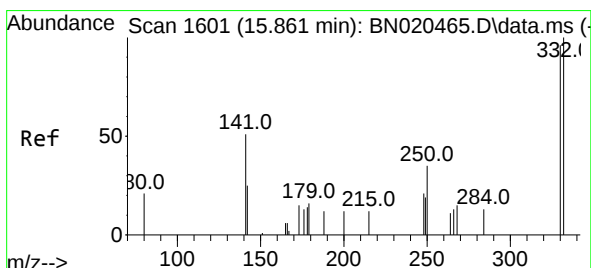
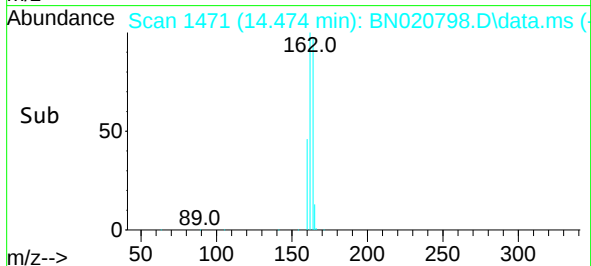
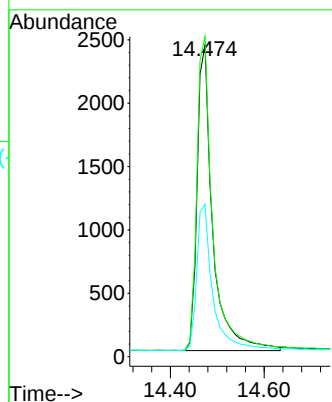
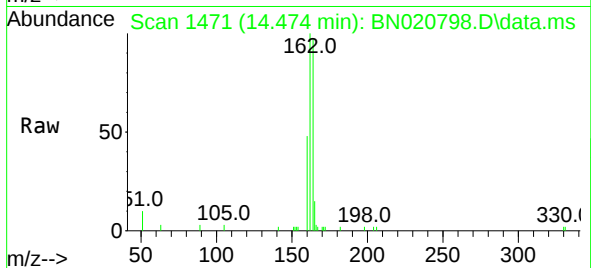
Tgt Ion:164 Resp: 5574

Ion Ratio Lower Upper

164 100

162 102.8 82.1 123.1

160 49.0 38.6 58.0



#14

2,4,6-Tribromophenol

Concen: 0.153 ng

RT: 15.984 min Scan# 1613

Delta R.T. 0.010 min

Lab File: BN020798.D

Acq: 20 Jul 2022 09:29

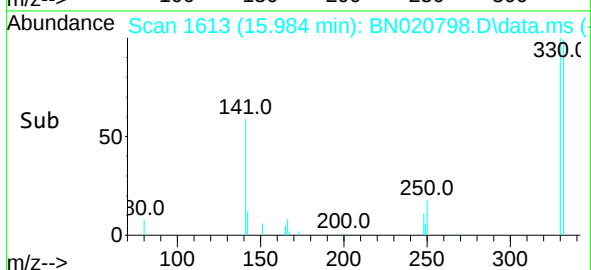
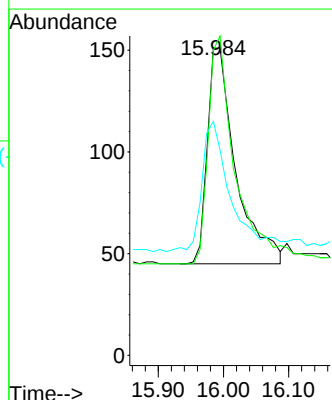
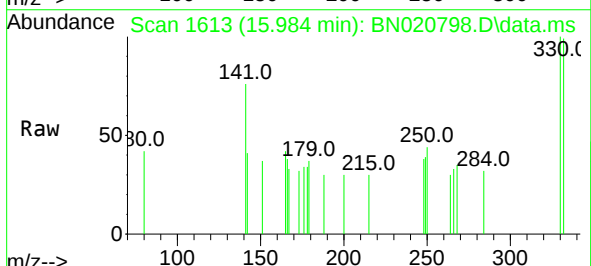
Tgt Ion:330 Resp: 322

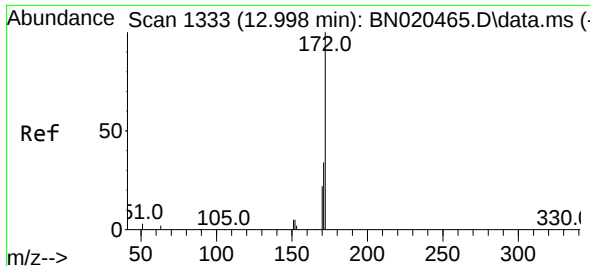
Ion Ratio Lower Upper

330 100

332 100.0 77.6 116.4

141 61.5 41.0 61.4#

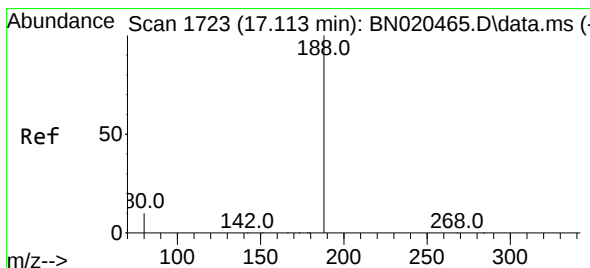
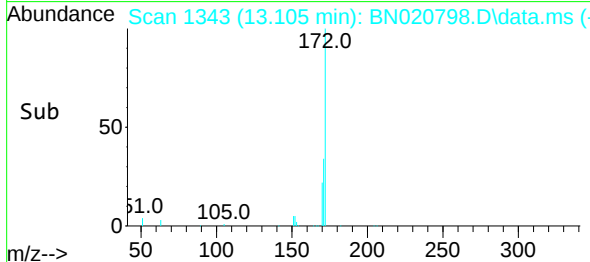
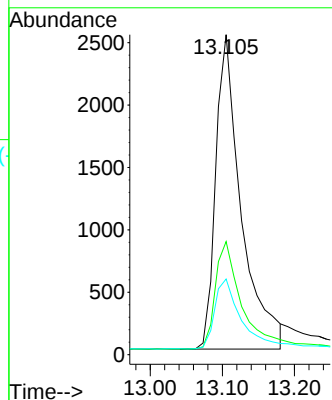
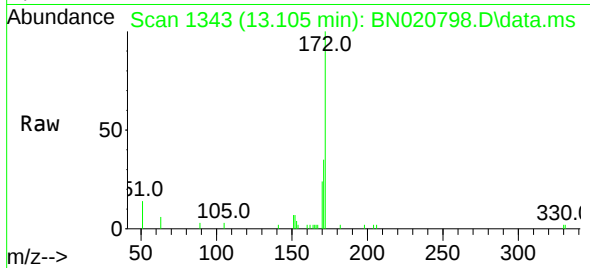




#15
2-Fluorobiphenyl
Concen: 0.268 ng
RT: 13.105 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN020798.D
Acq: 20 Jul 2022 09:29

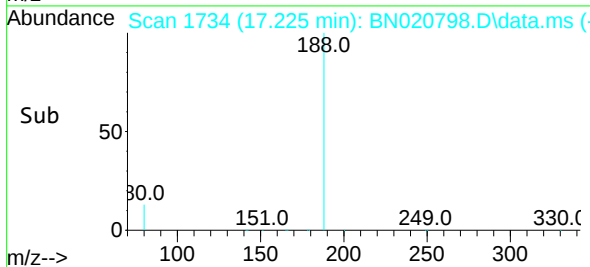
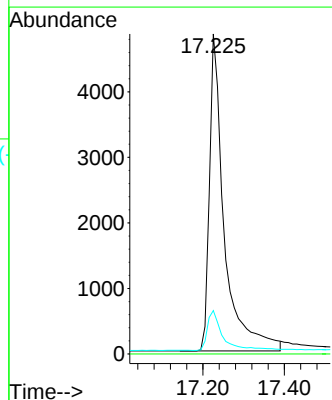
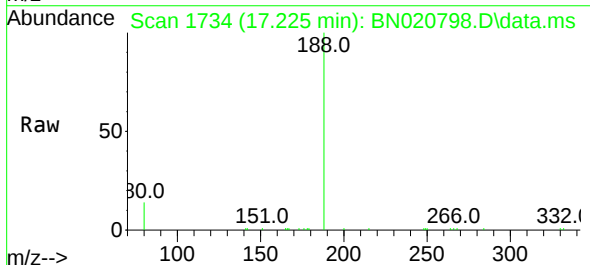
Instrument :
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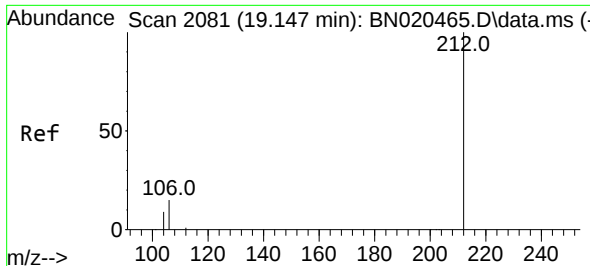
Tgt Ion:172	Resp:	6170
Ion	Ratio	Lower Upper
172	100	
171	35.4	27.2 40.8
170	23.7	18.2 27.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1734
Delta R.T. 0.010 min
Lab File: BN020798.D
Acq: 20 Jul 2022 09:29

Tgt Ion:188	Resp:	12270
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	13.6	7.4 11.2#

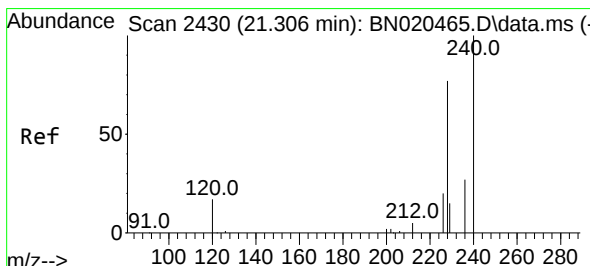
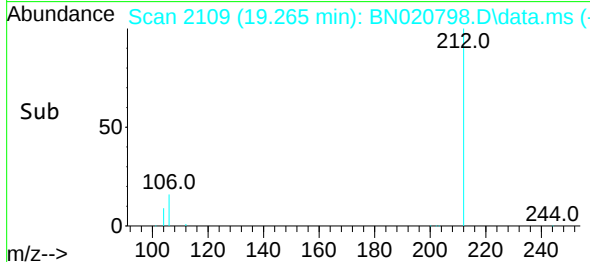
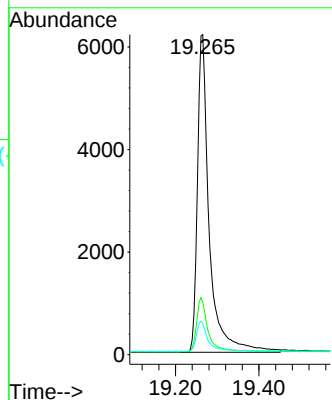
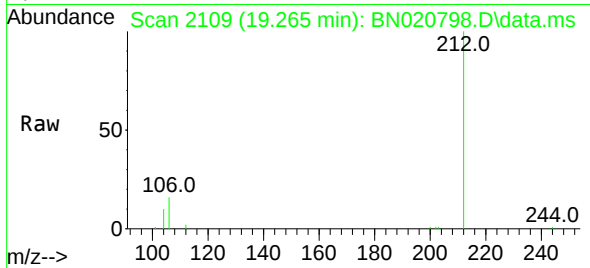




#27
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.265 min Scan# 2119
Delta R.T. 0.004 min
Lab File: BN020798.D
Acq: 20 Jul 2022 09:29

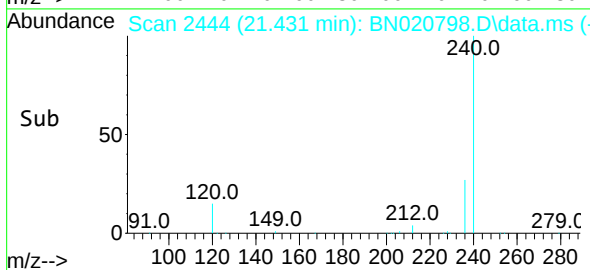
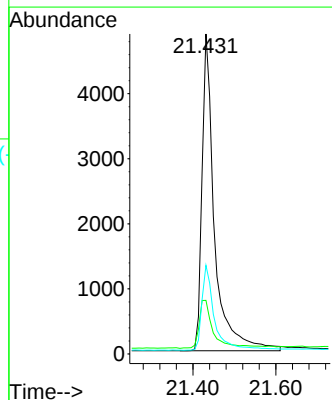
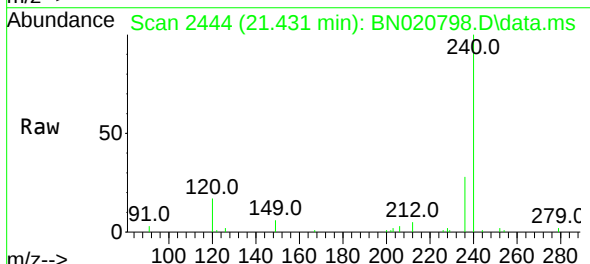
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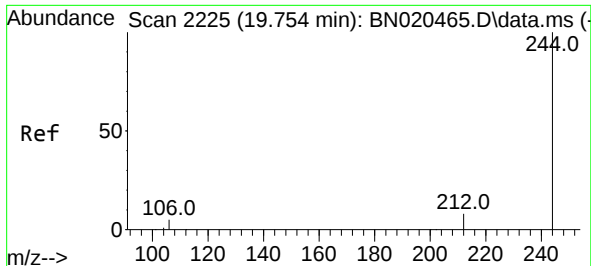
Tgt Ion:212 Resp: 12194
Ion Ratio Lower Upper
212 100
106 16.2 12.6 19.0
104 9.1 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.431 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BN020798.D
Acq: 20 Jul 2022 09:29

Tgt Ion:240 Resp: 10205
Ion Ratio Lower Upper
240 100
120 16.7 14.6 21.8
236 27.7 22.6 33.8

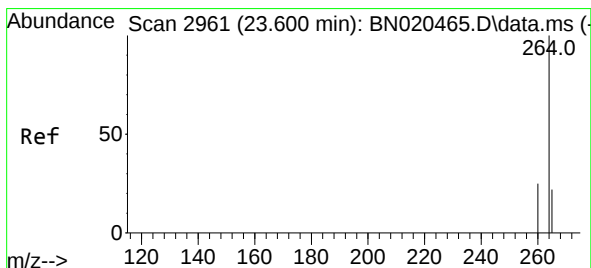
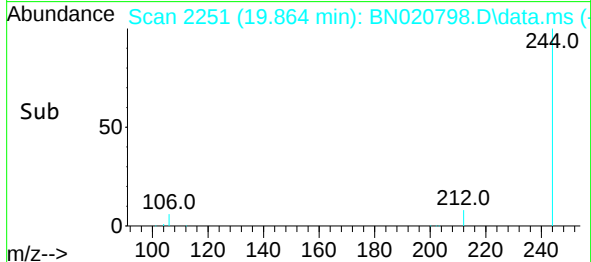
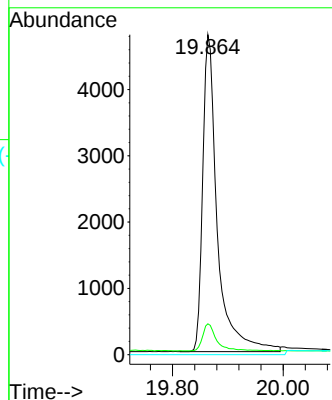
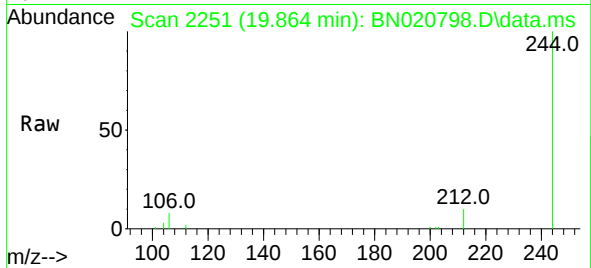




#31
Terphenyl-d14
Concen: 0.360 ng
RT: 19.864 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN020798.D
Acq: 20 Jul 2022 09:29

Instrument :
BNA_N
ClientSampleId :
PB146307BL

Tgt Ion:244 Resp: 8788
Ion Ratio Lower Upper
244 100
212 9.6 7.1 10.7
122 0.0 0.0 0.0



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.779 min Scan# 3022
Delta R.T. -0.000 min
Lab File: BN020798.D
Acq: 20 Jul 2022 09:29

Tgt Ion:264 Resp: 8097
Ion Ratio Lower Upper
264 100
260 25.9 20.9 31.3
265 39.3 28.0 42.0

