

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
 Data File : BN023691.D
 Acq On : 17 Jan 2023 21:19
 Operator : CG/JU
 Sample : PB150199BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB150199BL

Quant Time: Jan 18 05:49:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 05:42:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	3797	0.400	ng	0.00
7) Naphthalene-d8	10.808	136	11010	0.400	ng	0.01
13) Acenaphthene-d10	14.634	164	6085	0.400	ng	0.00
19) Phenanthrene-d10	17.389	188	13440	0.400	ng	# 0.01
29) Chrysene-d12	21.571	240	10240	0.400	ng	# 0.00
35) Perylene-d12	24.036	264	8157	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.521	112	2733	0.363	ng	0.00
5) Phenol-d6	7.139	99	3357	0.346	ng	0.00
8) Nitrobenzene-d5	9.153	82	2377	0.287	ng	0.01
11) 2-Methylnaphthalene-d10	12.393	152	5005	0.329	ng	0.00
14) 2,4,6-Tribromophenol	16.136	330	741	0.281	ng	0.01
15) 2-Fluorobiphenyl	13.266	172	7161	0.291	ng	0.01
27) Fluoranthene-d10	19.418	212	9135	0.277	ng	0.00
31) Terphenyl-d14	20.013	244	6012	0.232	ng	0.00

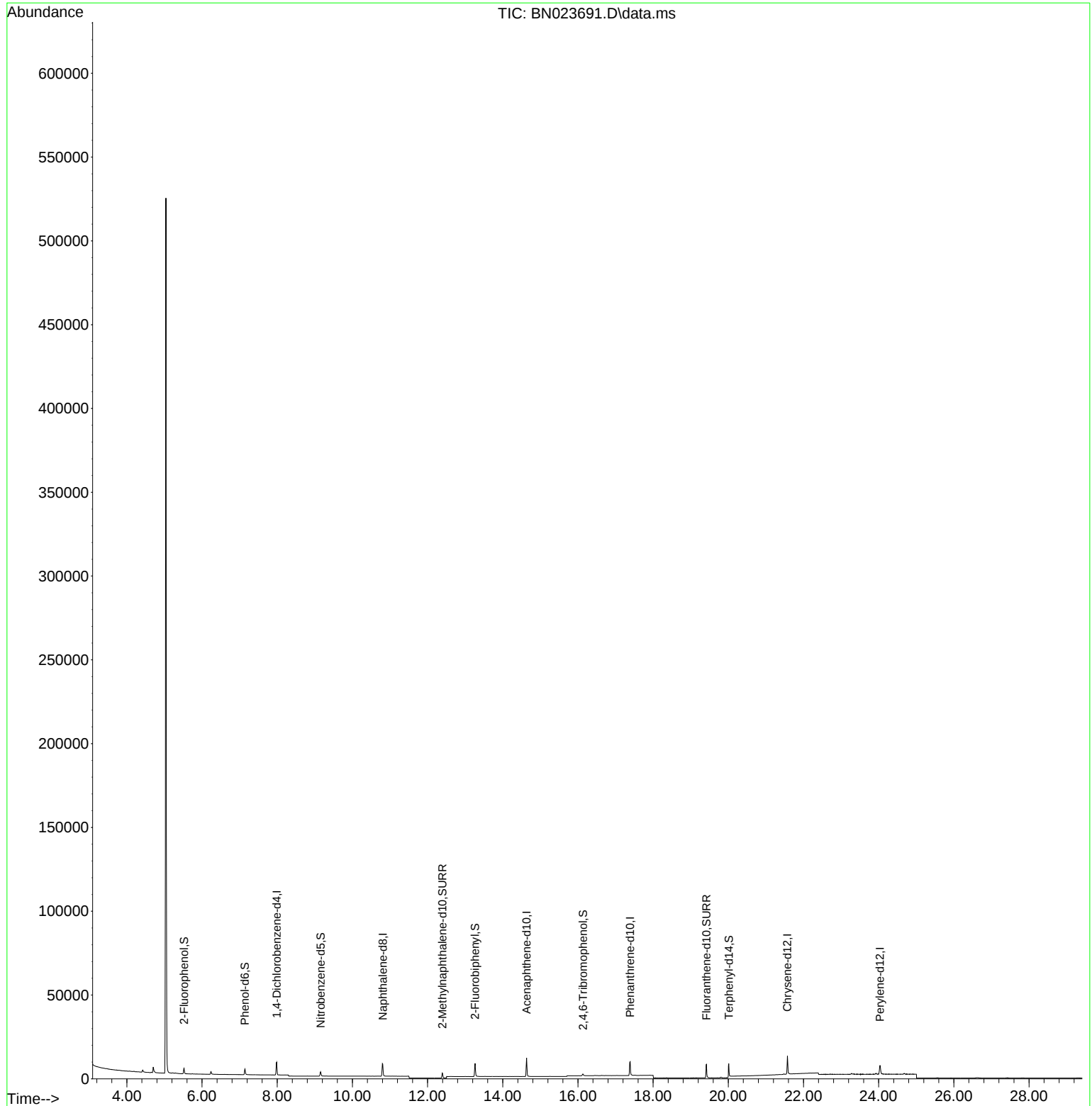
Target Compounds Qvalue

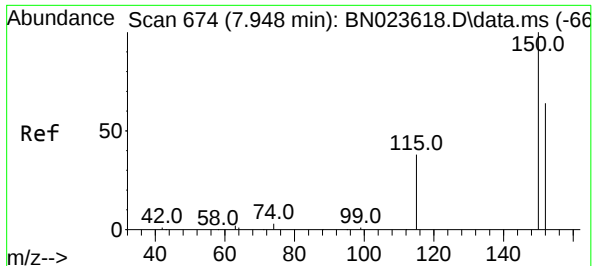
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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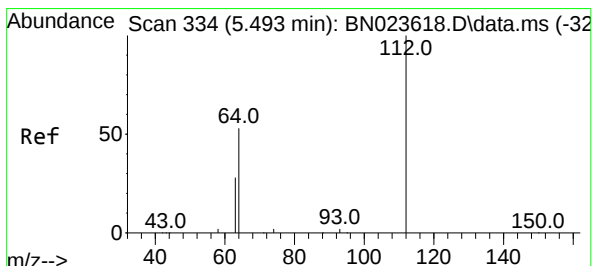
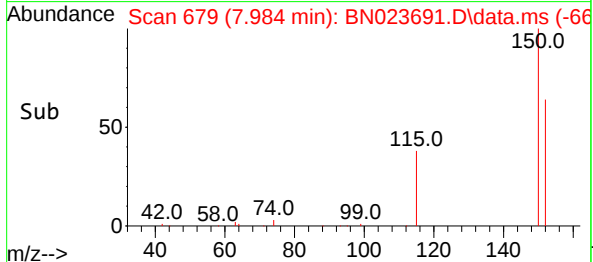
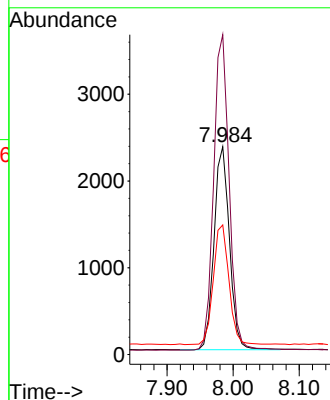
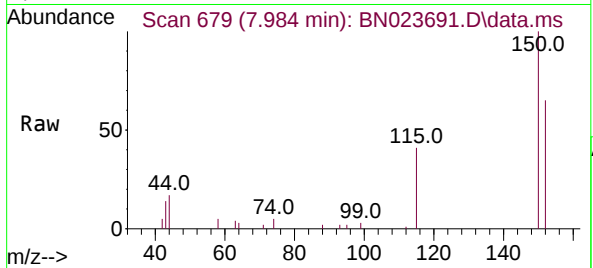




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.984 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN023691.D
Acq: 17 Jan 2023 21:19

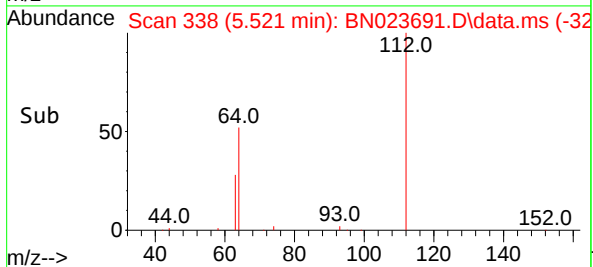
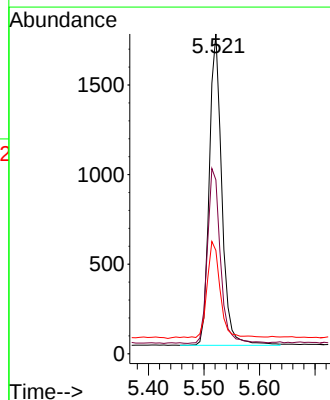
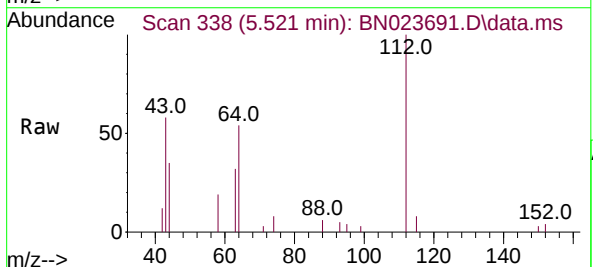
Instrument :
BNA_N
ClientSampleId :
PB150199BL

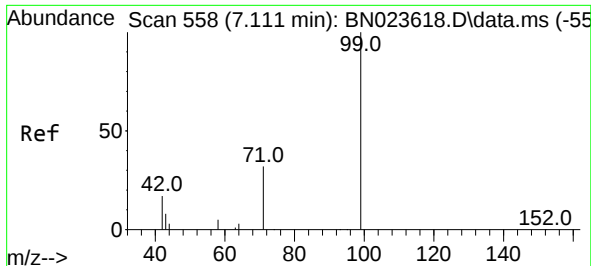
Tgt Ion:152 Resp: 3797
Ion Ratio Lower Upper
152 100
150 153.9 123.8 185.8
115 62.4 50.6 75.8



#4
2-Fluorophenol
Concen: 0.363 ng
RT: 5.521 min Scan# 338
Delta R.T. 0.007 min
Lab File: BN023691.D
Acq: 17 Jan 2023 21:19

Tgt Ion:112 Resp: 2733
Ion Ratio Lower Upper
112 100
64 58.0 44.9 67.3
63 31.5 24.9 37.3

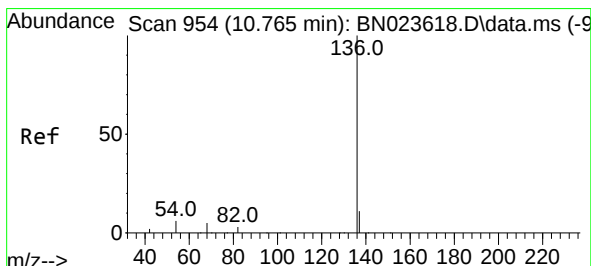
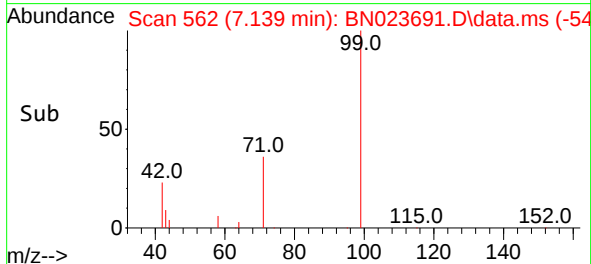
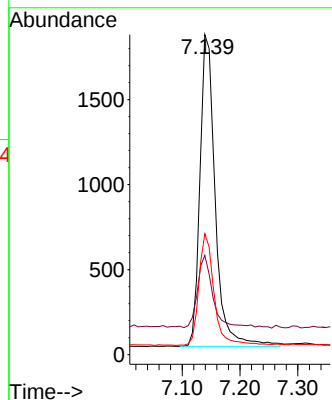
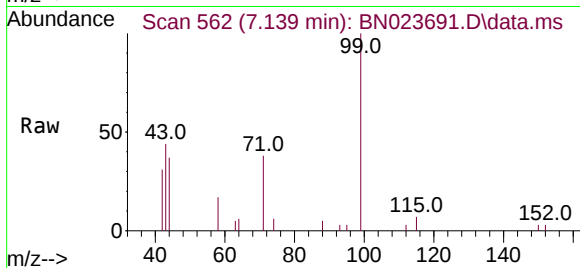




#5
Phenol-d6
Concen: 0.346 ng
RT: 7.139 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN023691.D
Acq: 17 Jan 2023 21:19

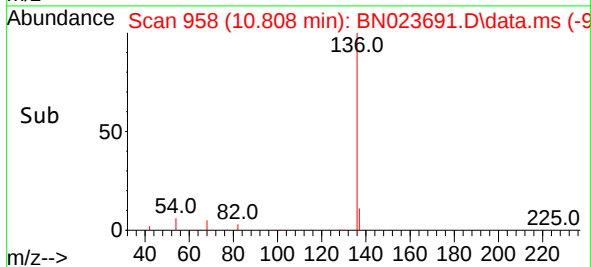
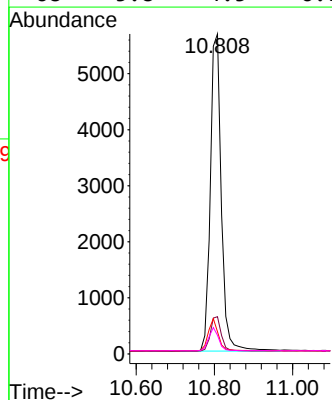
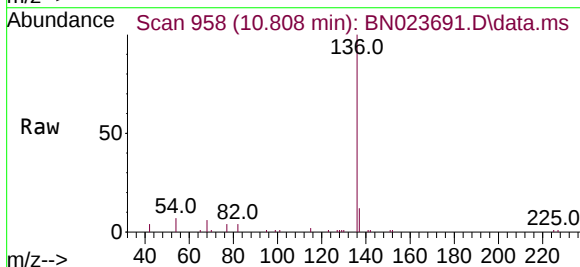
Instrument :
BNA_N
ClientSampleId :
PB150199BL

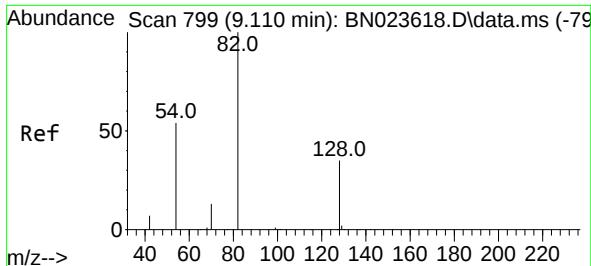
Tgt Ion:	99	Resp:	3357
Ion	Ratio	Lower	Upper
99	100		
42	23.9	18.8	28.2
71	35.4	28.2	42.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.808 min Scan# 958
Delta R.T. 0.011 min
Lab File: BN023691.D
Acq: 17 Jan 2023 21:19

Tgt Ion:	136	Resp:	11010
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	7.0	5.7	8.5
68	5.8	4.5	6.7

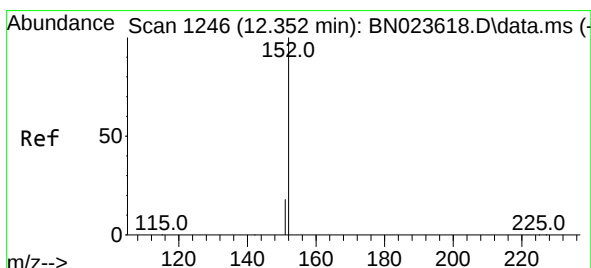
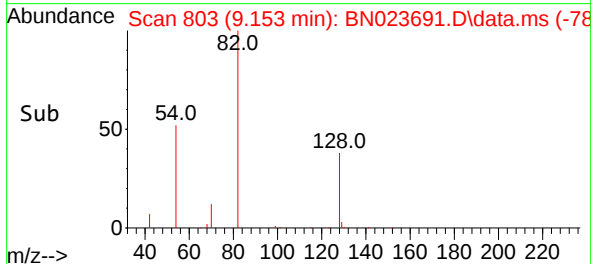
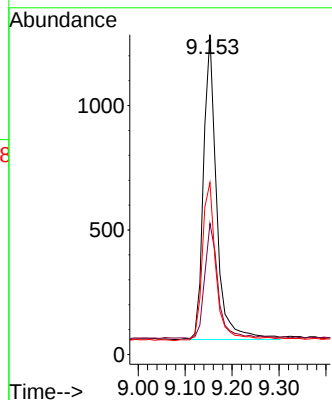
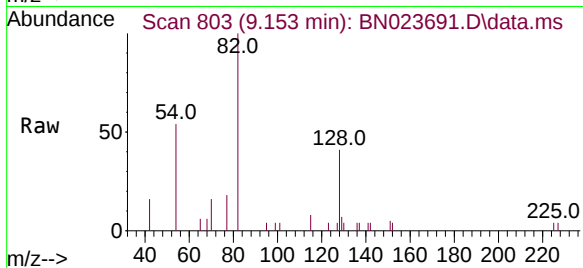




#8
Nitrobenzene-d5
Concen: 0.287 ng
RT: 9.153 min Scan# 80
Delta R.T. 0.011 min
Lab File: BN023691.D
Acq: 17 Jan 2023 21:19

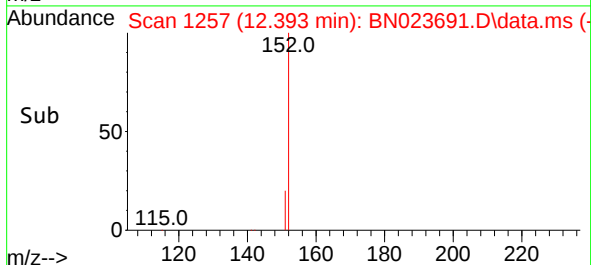
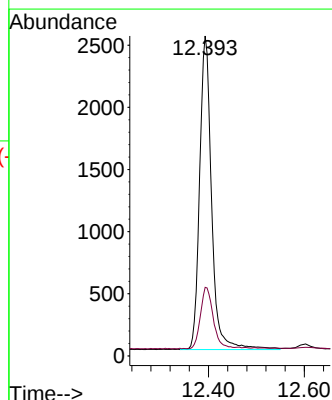
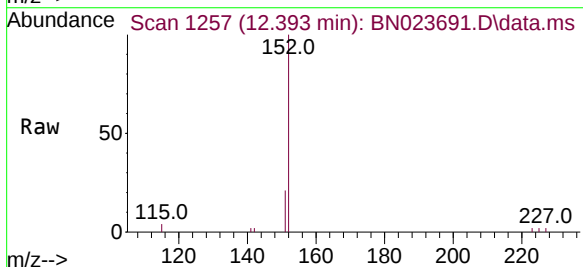
Instrument :
BNA_N
ClientSampleId :
PB150199BL

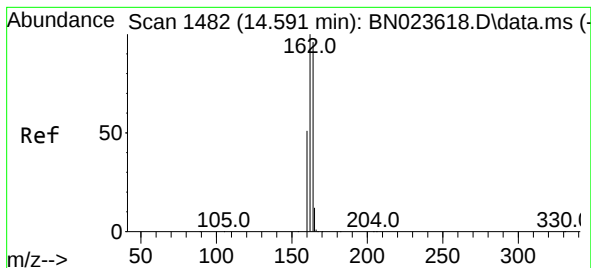
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	29.8	44.8
54	53.8	43.9	65.9



#11
2-Methylnaphthalene-d10
Concen: 0.329 ng
RT: 12.393 min Scan# 1257
Delta R.T. 0.004 min
Lab File: BN023691.D
Acq: 17 Jan 2023 21:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.2	16.9	25.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.634 min Scan# 1486

Delta R.T. -0.000 min

Lab File: BN023691.D

Acq: 17 Jan 2023 21:19

Instrument :

BNA_N

ClientSampleId :

PB150199BL

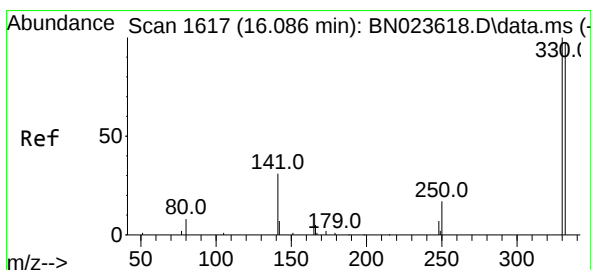
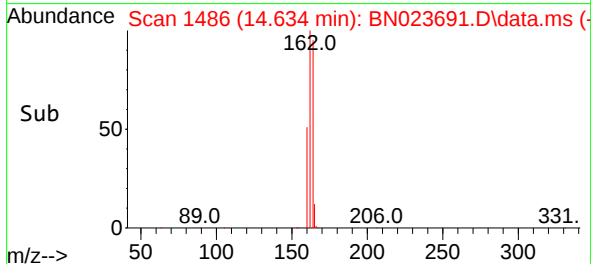
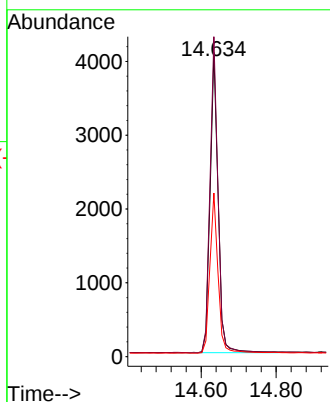
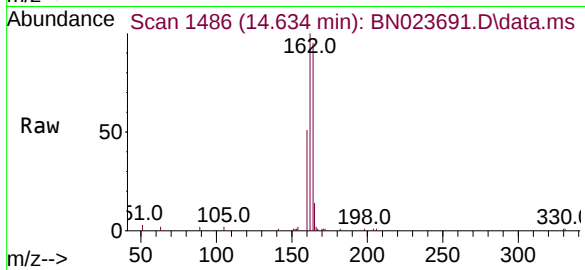
Tgt Ion:164 Resp: 6085

Ion Ratio Lower Upper

164 100

162 105.2 83.4 125.2

160 53.8 42.7 64.1



#14

2,4,6-Tribromophenol

Concen: 0.281 ng

RT: 16.136 min Scan# 1621

Delta R.T. 0.012 min

Lab File: BN023691.D

Acq: 17 Jan 2023 21:19

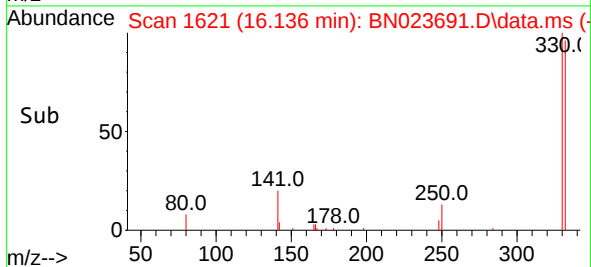
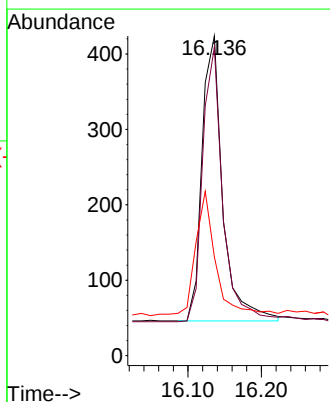
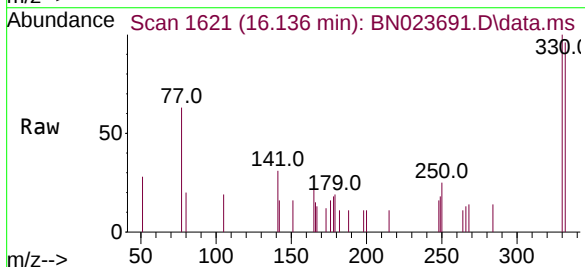
Tgt Ion:330 Resp: 741

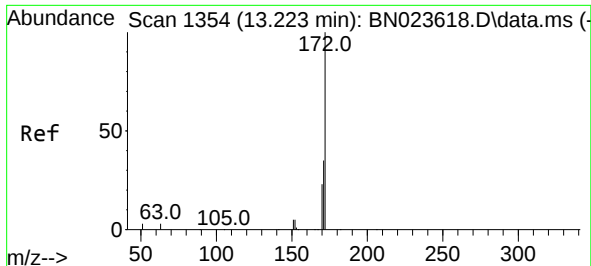
Ion Ratio Lower Upper

330 100

332 93.9 78.1 117.1

141 42.8 33.4 50.0

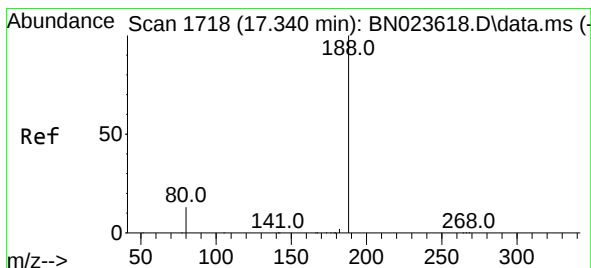
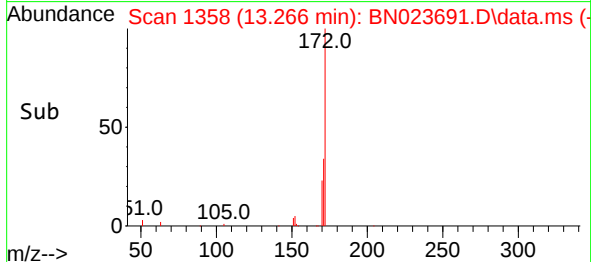
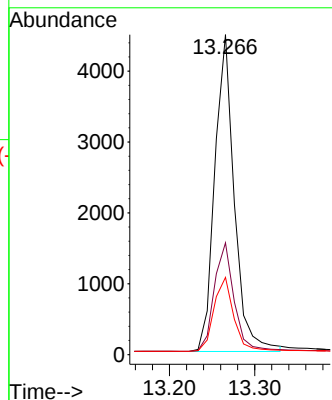
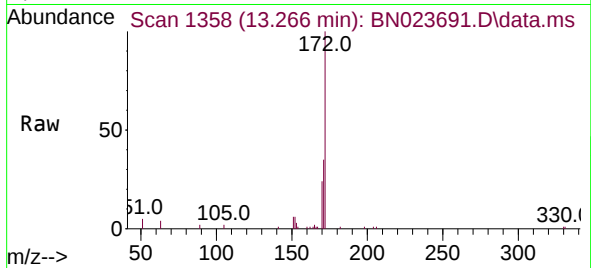




#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 13.266 min Scan# 1354
Delta R.T. 0.011 min
Lab File: BN023691.D
Acq: 17 Jan 2023 21:19

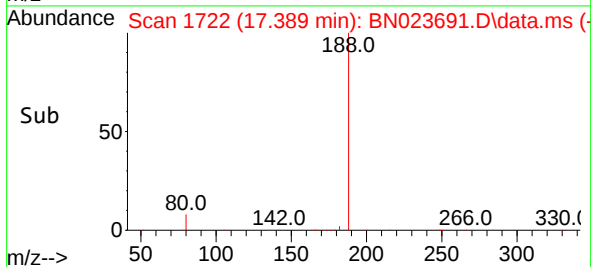
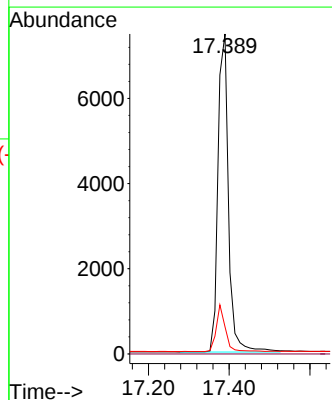
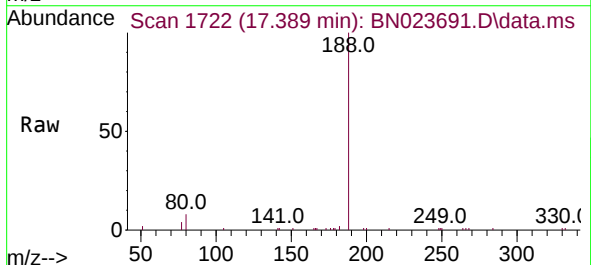
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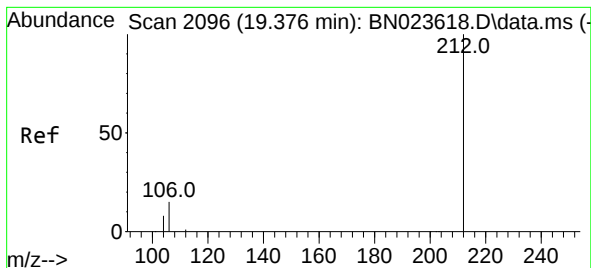
Tgt Ion:172 Resp: 7161
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 24.1 19.0 28.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.389 min Scan# 1722
Delta R.T. 0.012 min
Lab File: BN023691.D
Acq: 17 Jan 2023 21:19

Tgt Ion:188 Resp: 13440
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 11.0 16.4





#27

Fluoranthene-d10

Concen: 0.277 ng

RT: 19.418 min Scan# 2106

Delta R.T. 0.004 min

Lab File: BN023691.D

Acq: 17 Jan 2023 21:19

Instrument :

BNA_N

ClientSampleId :

PB150199BL

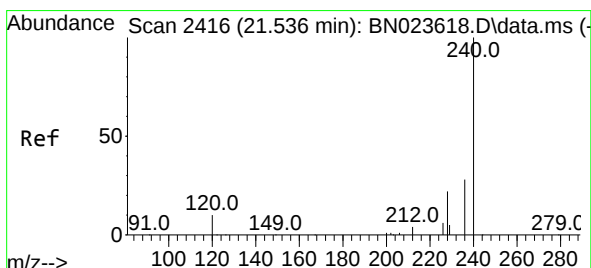
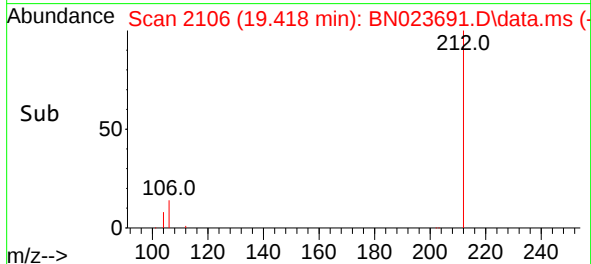
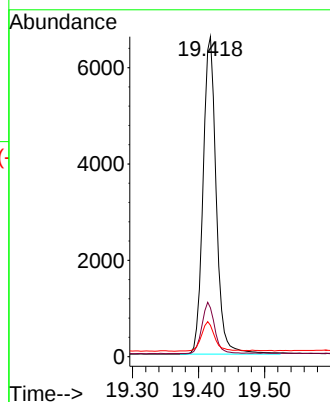
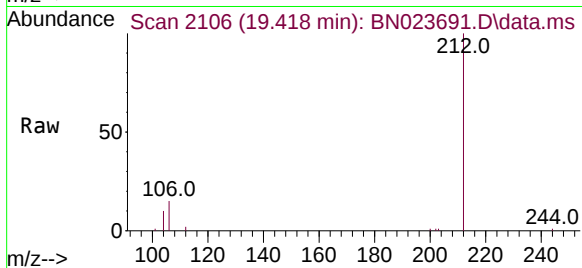
Tgt Ion:212 Resp: 9135

Ion Ratio Lower Upper

212 100

106 15.5 12.2 18.4

104 9.5 7.1 10.7



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.571 min Scan# 2420

Delta R.T. -0.004 min

Lab File: BN023691.D

Acq: 17 Jan 2023 21:19

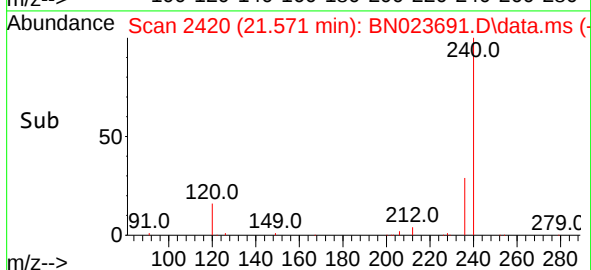
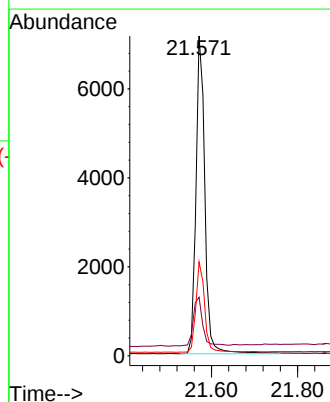
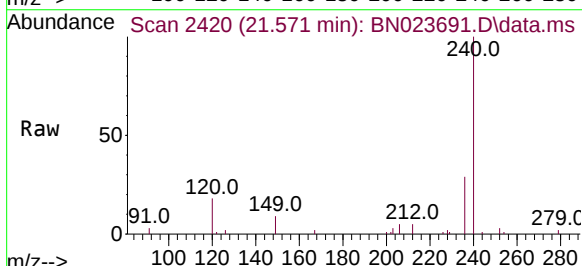
Tgt Ion:240 Resp: 10240

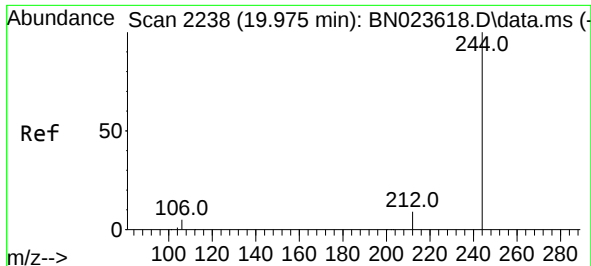
Ion Ratio Lower Upper

240 100

120 18.3 10.6 15.8

236 29.4 23.0 34.6

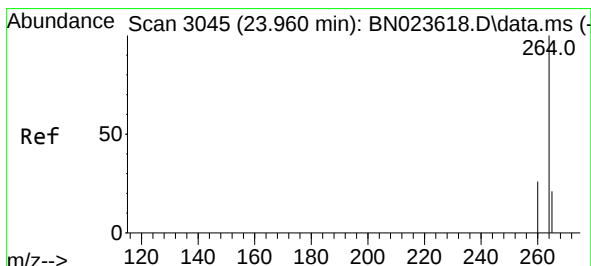
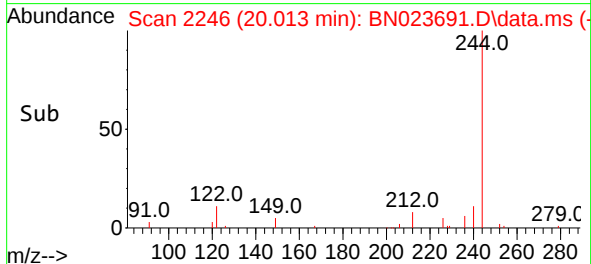
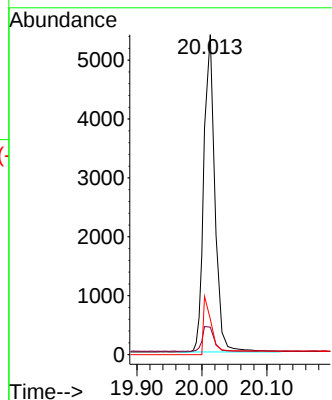
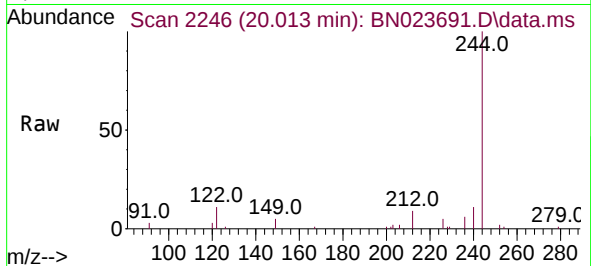




#31
 Terphenyl-d14
 Concen: 0.232 ng
 RT: 20.013 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BN023691.D
 Acq: 17 Jan 2023 21:19

Instrument :
 BNA_N
 ClientSampleId :
 PB150199BL

Tgt Ion:244 Resp: 6012
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.5 11.3
 122 11.1 0.0 0.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.036 min Scan# 3071
 Delta R.T. 0.002 min
 Lab File: BN023691.D
 Acq: 17 Jan 2023 21:19

Tgt Ion:264 Resp: 8157
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.4 32.2
 265 67.0 56.6 85.0

