

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
 Data File : BN025532.D
 Acq On : 20 May 2023 20:40
 Operator : CG/JU
 Sample : PB152883BL
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB152883BL

Quant Time: May 22 02:01:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 22 01:54:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	5332	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	14615	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	8074	0.400	ng	-0.01
19) Phenanthrene-d10	17.435	188	17829	0.400	ng	0.00
29) Chrysene-d12	21.620	240	10485	0.400	ng	0.00
35) Perylene-d12	24.139	264	8735	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	5188	0.431	ng	0.00
5) Phenol-d6	7.218	99	6498	0.421	ng	0.00
8) Nitrobenzene-d5	9.234	82	4484	0.384	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	8150	0.401	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	934	0.297	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	12412	0.402	ng	-0.01
27) Fluoranthene-d10	19.460	212	15117	0.367	ng	0.00
31) Terphenyl-d14	20.053	244	9641	0.517	ng	0.00

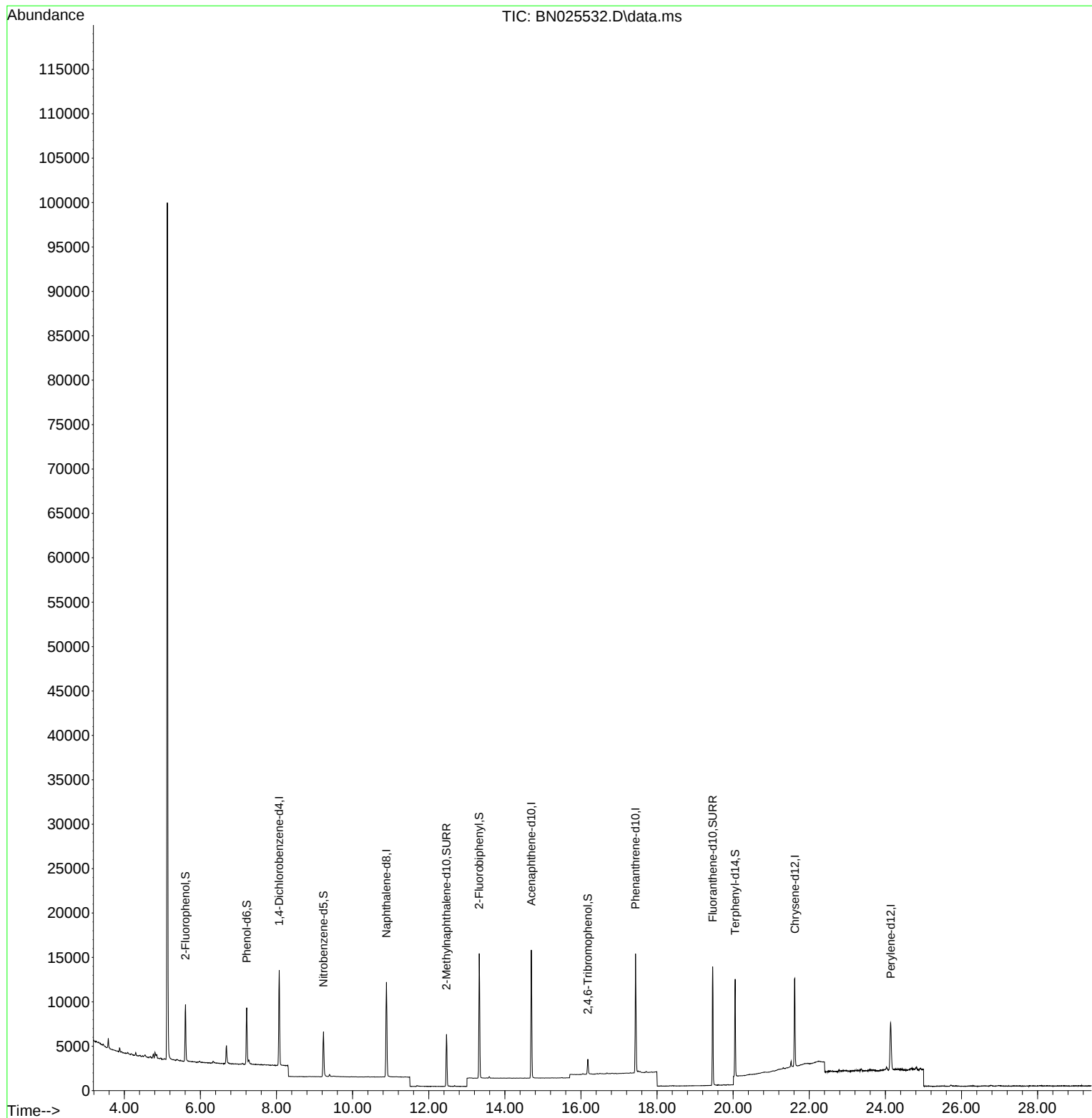
Target Compounds Qvalue

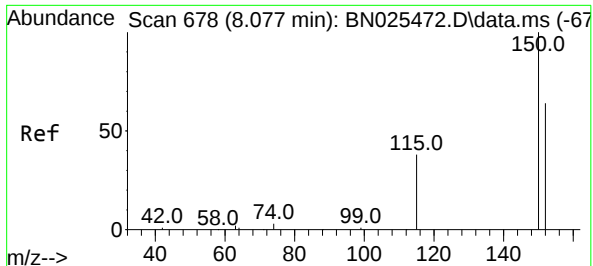
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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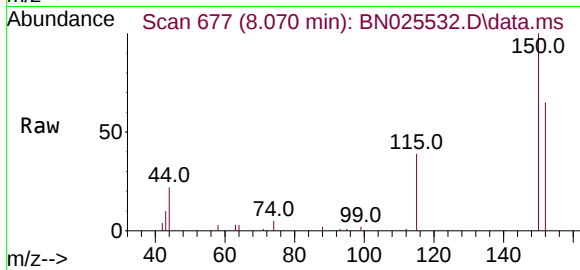
Quant Time: May 22 02:01:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 22 01:54:38 2023
Response via : Initial Calibration





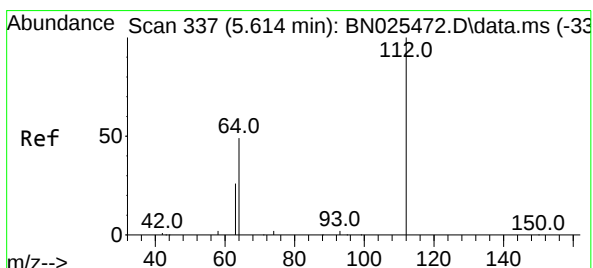
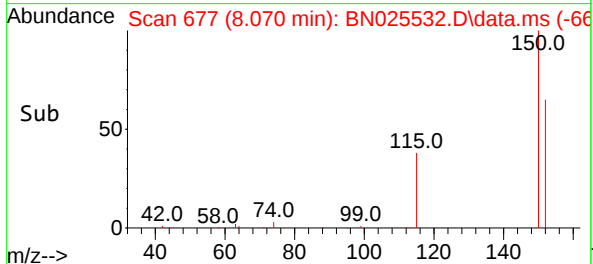
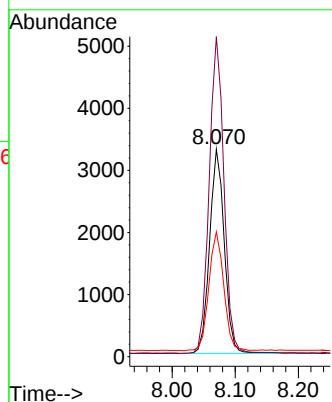
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.070 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025532.D
Acq: 20 May 2023 20:40

Instrument :
BNA_N
ClientSampleId :
PB152883BL



Tgt Ion:152 Resp: 5332

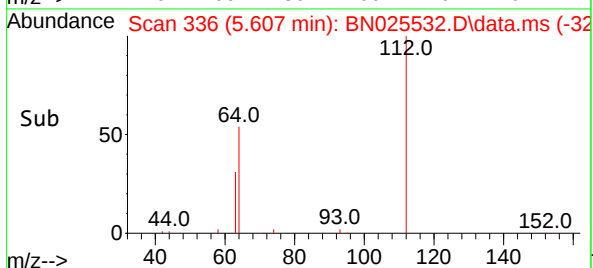
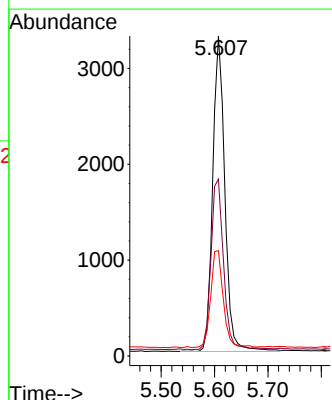
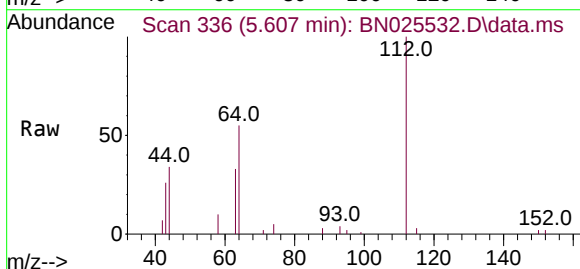
Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.3	187.9
115	60.2	50.2	75.2

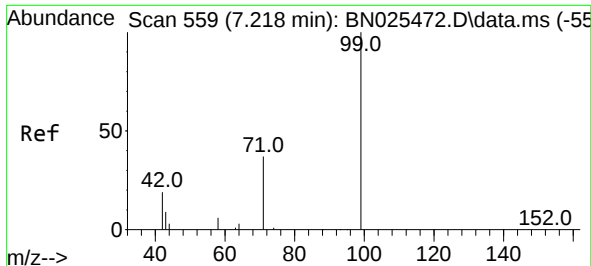


#4
2-Fluorophenol
Concen: 0.431 ng
RT: 5.607 min Scan# 336
Delta R.T. 0.000 min
Lab File: BN025532.D
Acq: 20 May 2023 20:40

Tgt Ion:112 Resp: 5188

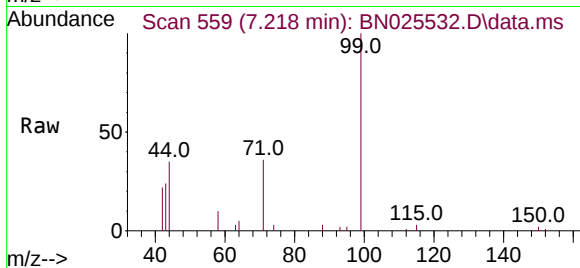
Ion	Ratio	Lower	Upper
112	100		
64	56.5	44.0	66.0
63	31.8	24.0	36.0



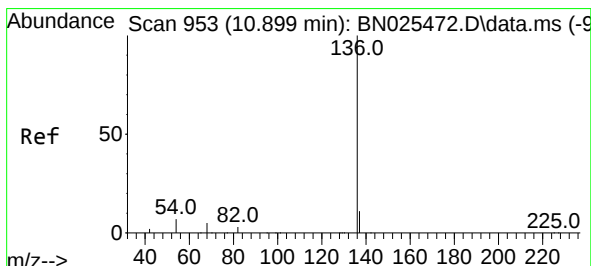
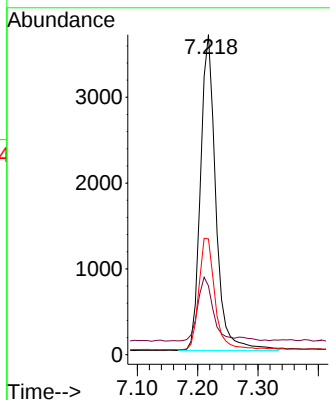
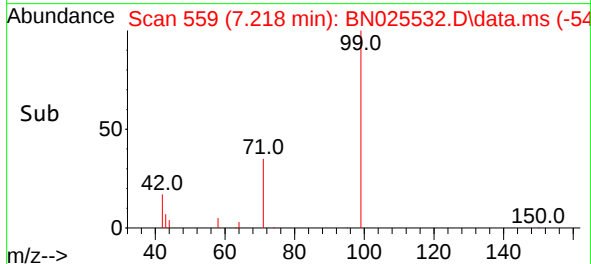


#5
Phenol-d6
Concen: 0.421 ng
RT: 7.218 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN025532.D
Acq: 20 May 2023 20:40

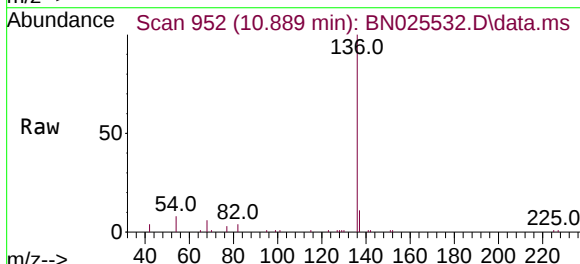
Instrument :
BNA_N
ClientSampleId :
PB152883BL



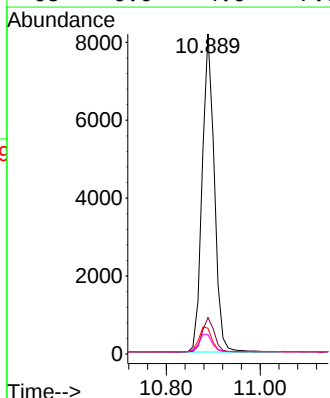
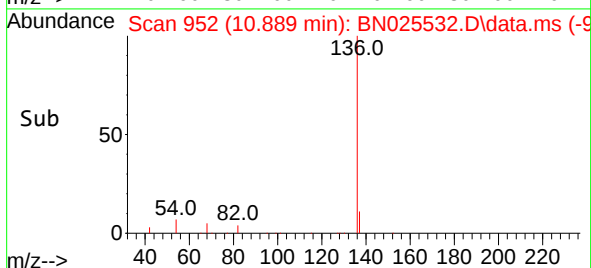
Tgt Ion:	99	Resp:	6498
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.8	23.8
71	37.2	28.6	43.0

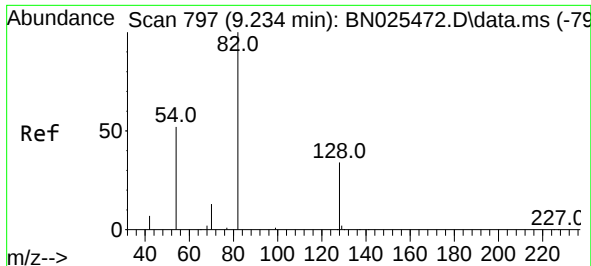


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.899 min Scan# 952
Delta R.T. 0.000 min
Lab File: BN025532.D
Acq: 20 May 2023 20:40



Tgt Ion:	136	Resp:	14615
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.0	5.8	8.6
68	6.0	4.6	7.0

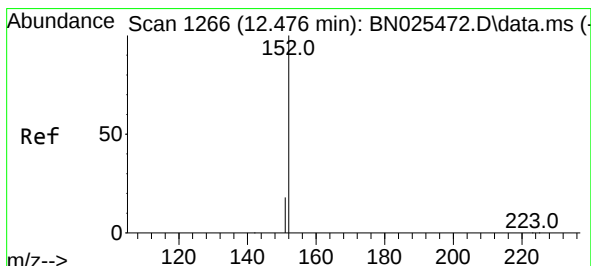
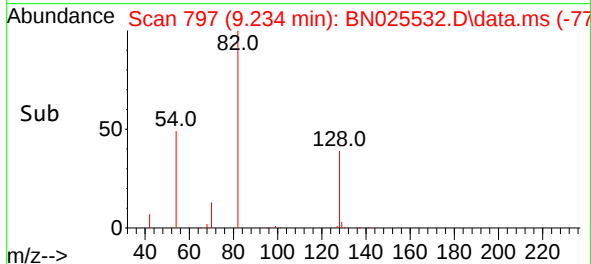
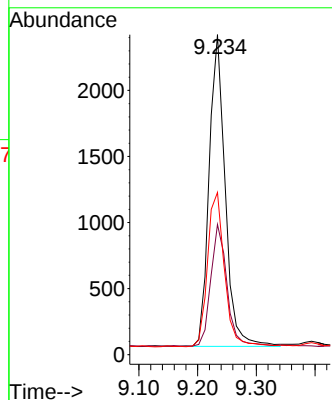
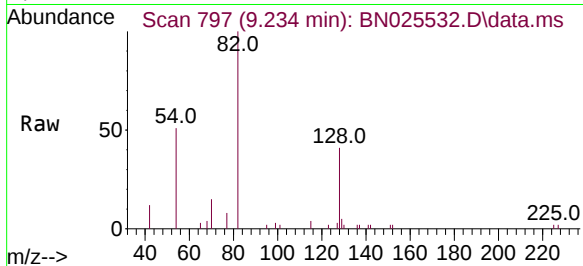




#8
Nitrobenzene-d5
Concen: 0.384 ng
RT: 9.234 min Scan# 797
Delta R.T. 0.000 min
Lab File: BN025532.D
Acq: 20 May 2023 20:40

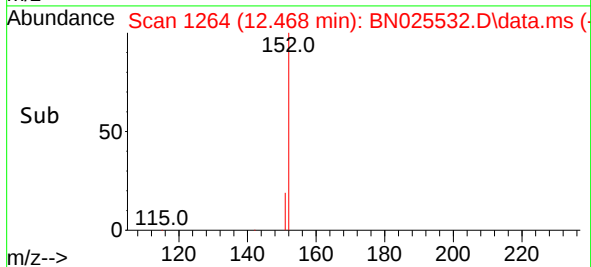
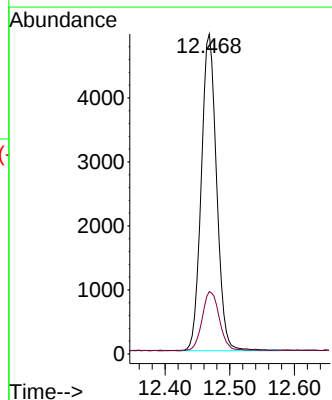
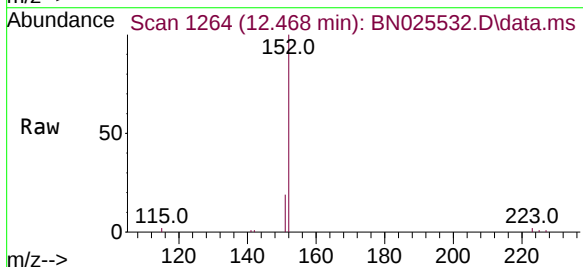
Instrument :
BNA_N
ClientSampleId :
PB152883BL

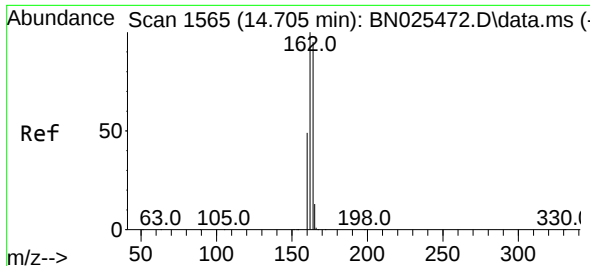
Tgt Ion: 82 Resp: 4484
Ion Ratio Lower Upper
82 100
128 40.7 27.9 41.9
54 50.7 42.4 63.6



#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.468 min Scan# 1264
Delta R.T. -0.004 min
Lab File: BN025532.D
Acq: 20 May 2023 20:40

Tgt Ion: 152 Resp: 8150
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8

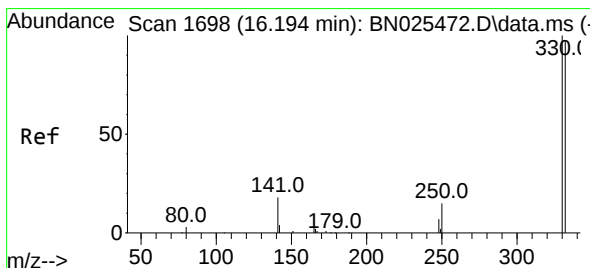
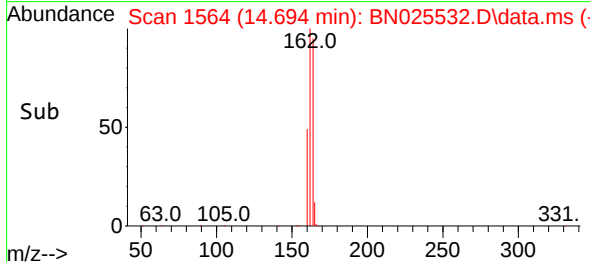
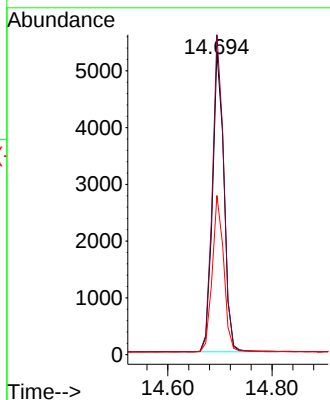
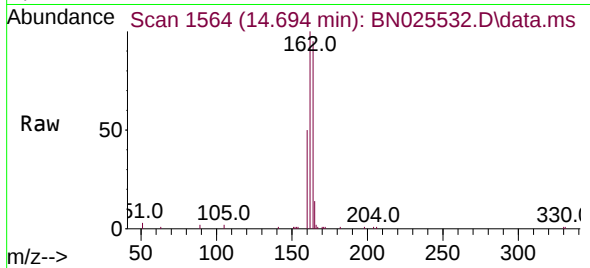




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.694 min Scan# 1564
 Delta R.T. -0.011 min
 Lab File: BN025532.D
 Acq: 20 May 2023 20:40

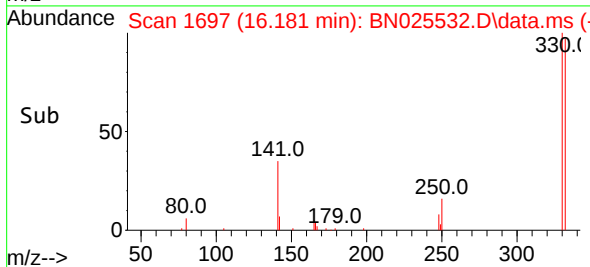
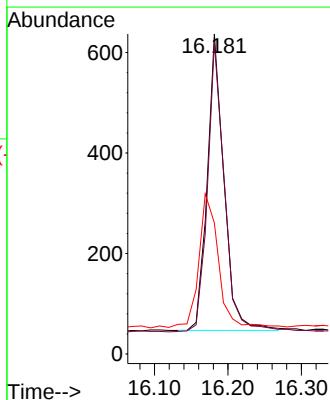
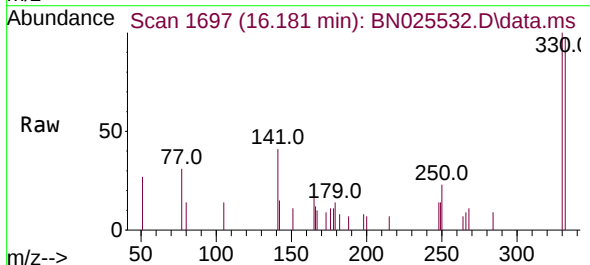
Instrument :
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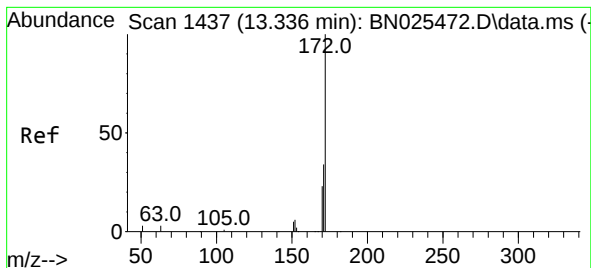
Tgt Ion:164 Resp: 8074
 Ion Ratio Lower Upper
 164 100
 162 105.6 84.2 126.2
 160 52.5 41.4 62.2



#14
 2,4,6-Tribromophenol
 Concen: 0.297 ng
 RT: 16.181 min Scan# 1697
 Delta R.T. 0.000 min
 Lab File: BN025532.D
 Acq: 20 May 2023 20:40

Tgt Ion:330 Resp: 934
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.1 114.1
 141 52.9 36.1 54.1





#15

2-Fluorobiphenyl

Concen: 0.402 ng

RT: 13.326 min Scan# 1437

Delta R.T. -0.011 min

Lab File: BN025532.D

Acq: 20 May 2023 20:40

Instrument :

BNA_N

ClientSampleId :

PB152883BL

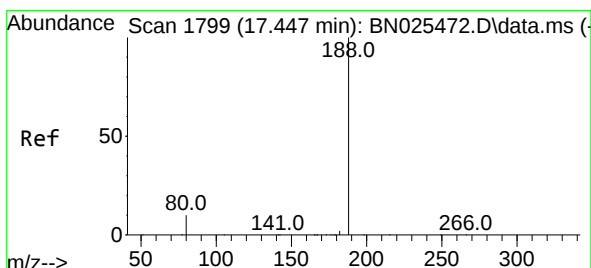
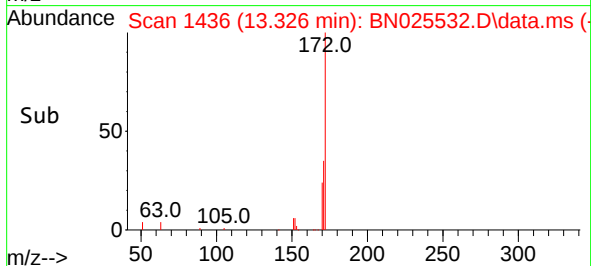
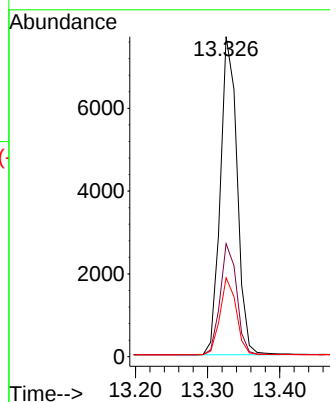
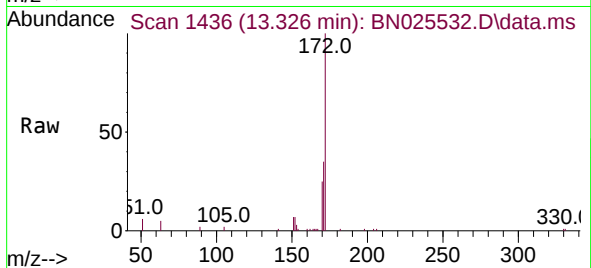
Tgt Ion:172 Resp: 12412

Ion Ratio Lower Upper

172 100

171 35.3 27.6 41.4

170 24.6 18.9 28.3



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.435 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BN025532.D

Acq: 20 May 2023 20:40

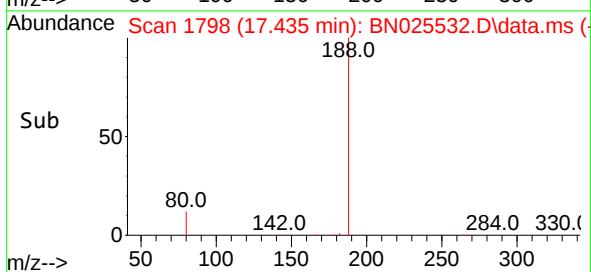
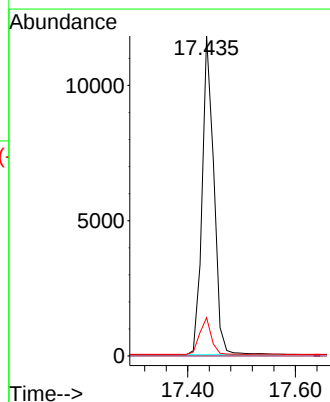
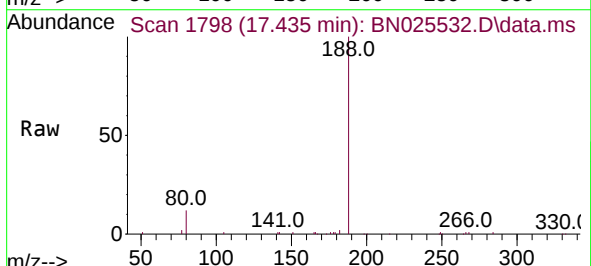
Tgt Ion:188 Resp: 17829

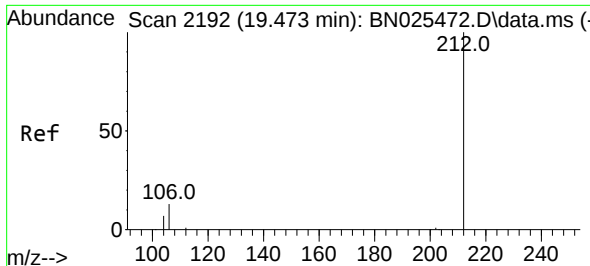
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.0 8.2 12.4

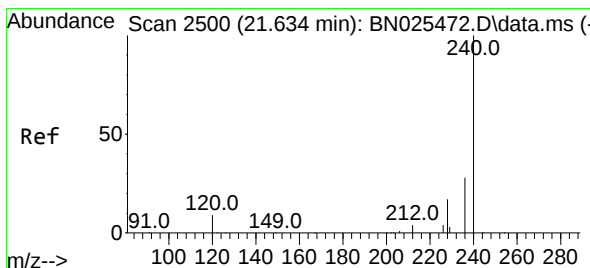
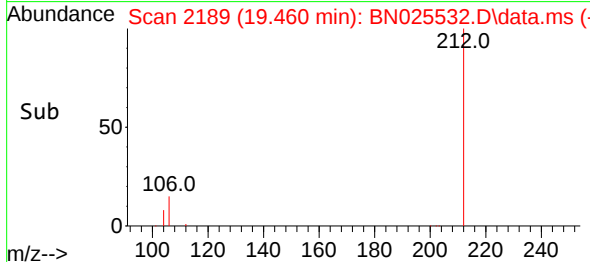
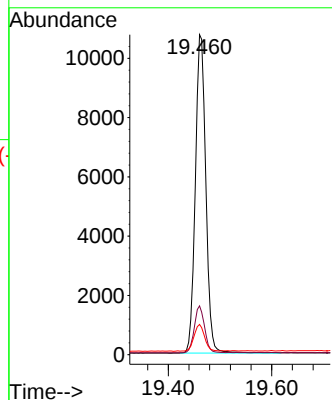
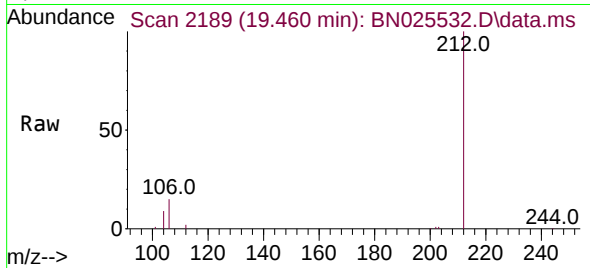




#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.460 min Scan# 2192
Delta R.T. -0.004 min
Lab File: BN025532.D
Acq: 20 May 2023 20:40

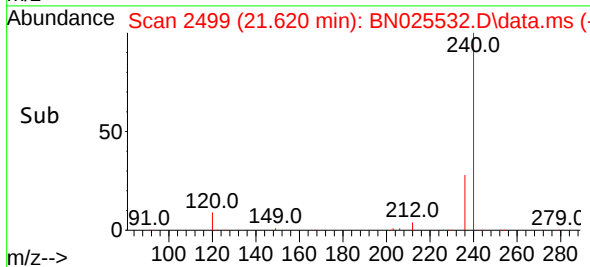
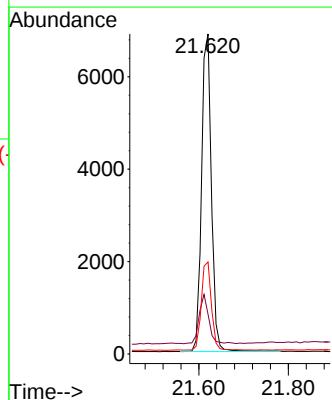
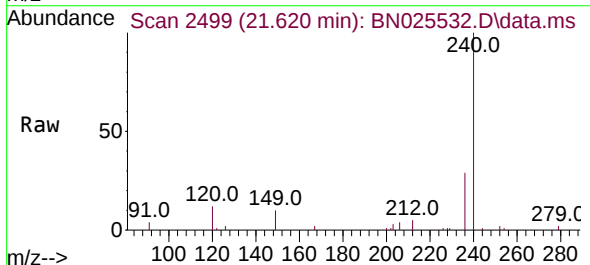
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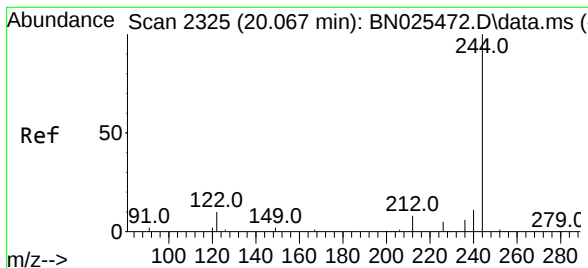
Tgt Ion:212 Resp: 15117
Ion Ratio Lower Upper
212 100
106 14.4 11.4 17.2
104 8.4 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.620 min Scan# 2499
Delta R.T. 0.004 min
Lab File: BN025532.D
Acq: 20 May 2023 20:40

Tgt Ion:240 Resp: 10485
Ion Ratio Lower Upper
240 100
120 12.4 8.6 12.8
236 28.7 22.7 34.1





#31

Terphenyl-d14

Concen: 0.517 ng

RT: 20.053 min Scan# 21

Delta R.T. 0.004 min

Lab File: BN025532.D

Acq: 20 May 2023 20:40

Instrument :

BNA_N

ClientSampleId :

PB152883BL

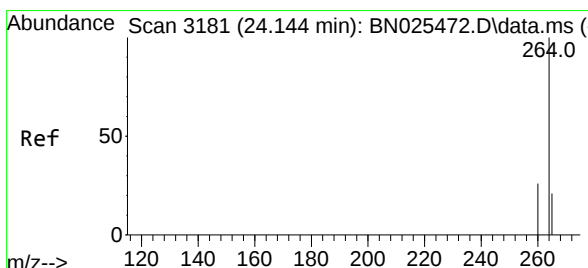
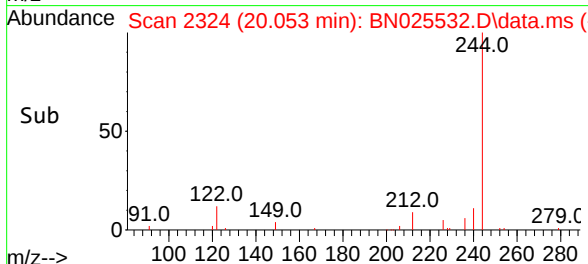
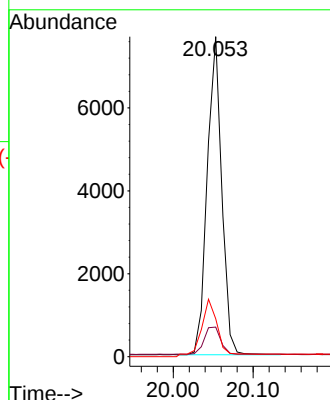
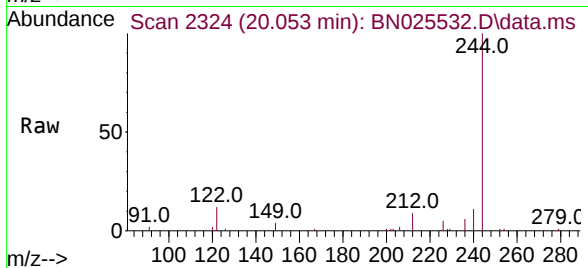
Tgt Ion:244 Resp: 9641

Ion Ratio Lower Upper

244 100

212 9.3 6.6 10.0

122 11.8 8.1 12.1



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.139 min Scan# 3179

Delta R.T. 0.019 min

Lab File: BN025532.D

Acq: 20 May 2023 20:40

Tgt Ion:264 Resp: 8735

Ion Ratio Lower Upper

264 100

260 27.2 21.2 31.8

265 55.2 27.1 40.7#

