

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
 Data File : BN025551.D
 Acq On : 22 May 2023 23:16
 Operator : CG/JU
 Sample : 02834-08DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20230516DL

Quant Time: May 23 03:35:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 23 03:22:57 2023
 Response via : Initial Calibration

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

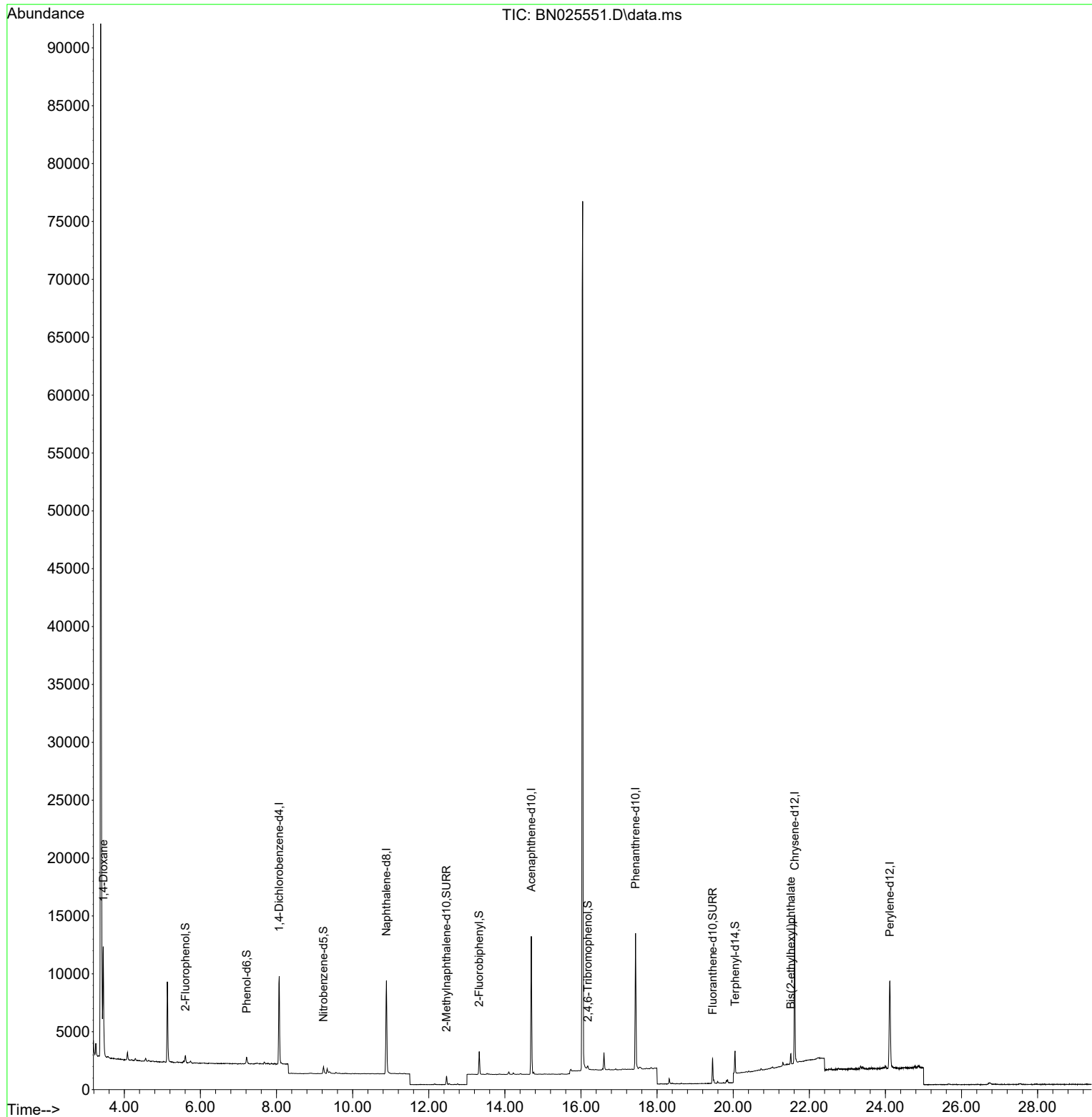
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	3929	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	11136	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	6547	0.400	ng	0.00
19) Phenanthrene-d10	17.435	188	15257	0.400	ng	0.00
29) Chrysene-d12	21.616	240	11156	0.400	ng	0.00
35) Perylene-d12	24.115	264	11494	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	510	0.050	ng	0.00
5) Phenol-d6	7.218	99	651	0.051	ng	0.00
8) Nitrobenzene-d5	9.234	82	619	0.060	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	1011	0.062	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	151	0.055	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	1754	0.062	ng	0.00
27) Fluoranthene-d10	19.460	212	2462	0.068	ng	0.00
31) Terphenyl-d14	20.049	244	1710	0.074	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.448	88	6224	1.369	ng	100
34) Bis(2-ethylhexyl)phtha...	21.518	149	1004	0.037	ng	99

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

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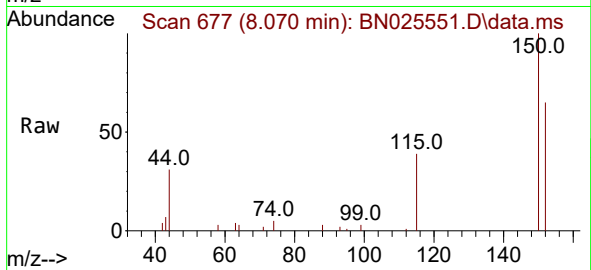
Quant Time: May 23 03:35:40 2023
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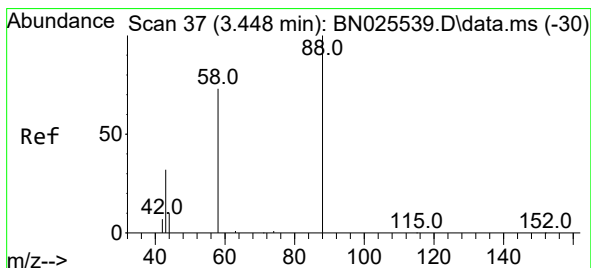
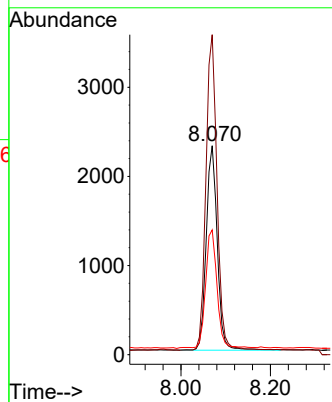
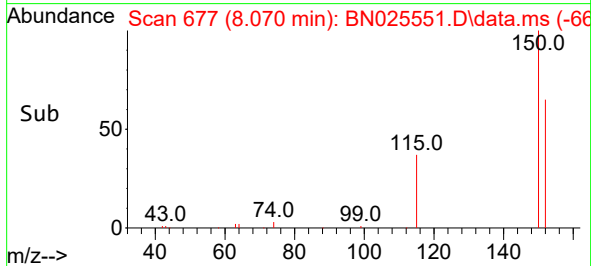


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.070 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025551.D
Acq: 22 May 2023 23:16

Instrument :
BNA_N
ClientSampleId :
RE120D1-20230516DL

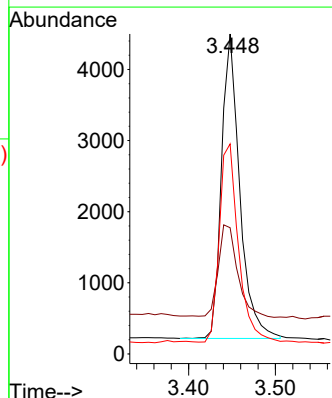
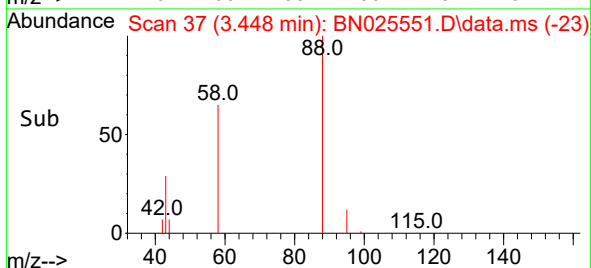
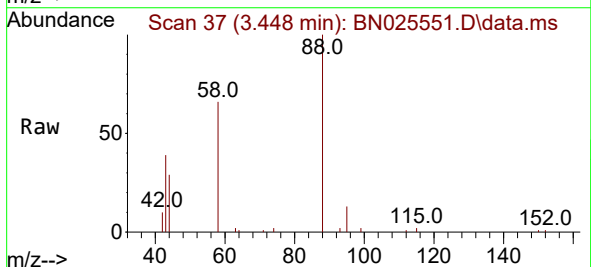


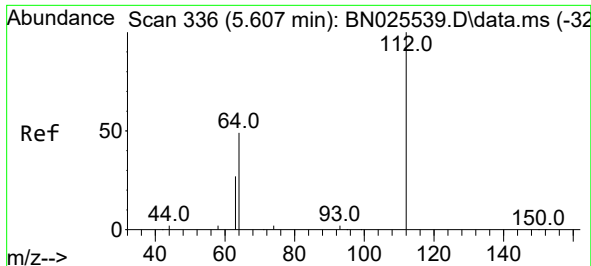
Tgt Ion:152 Resp: 3929
Ion Ratio Lower Upper
152 100
150 153.2 124.6 187.0
115 59.7 49.1 73.7



#2
1,4-Dioxane
Concen: 1.369 ng
RT: 3.448 min Scan# 37
Delta R.T. 0.000 min
Lab File: BN025551.D
Acq: 22 May 2023 23:16

Tgt Ion: 88 Resp: 6224
Ion Ratio Lower Upper
88 100
43 32.1 25.8 38.8
58 68.2 54.9 82.3

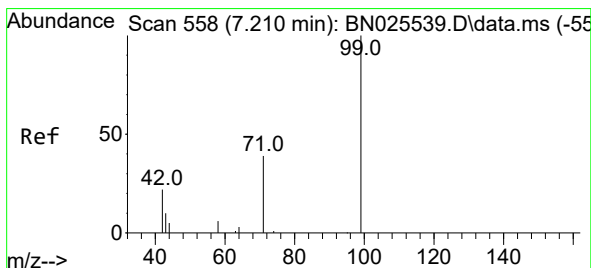
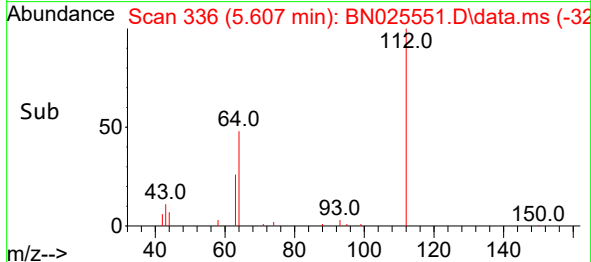
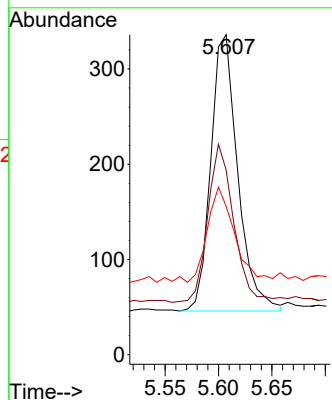
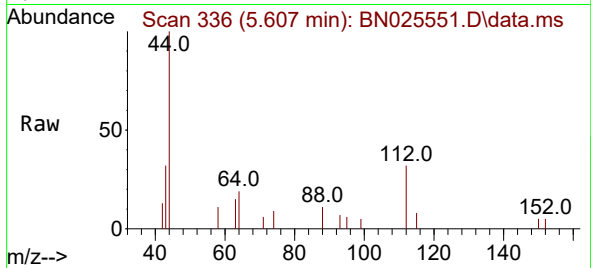




#4
2-Fluorophenol
Concen: 0.050 ng
RT: 5.607 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN025551.D
Acq: 22 May 2023 23:16

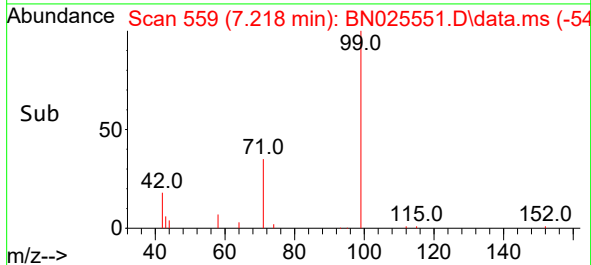
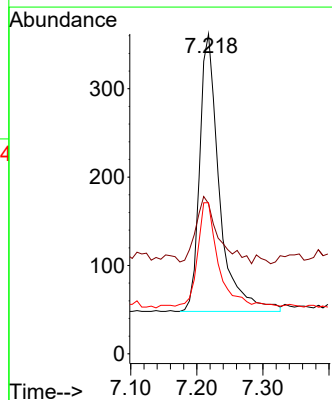
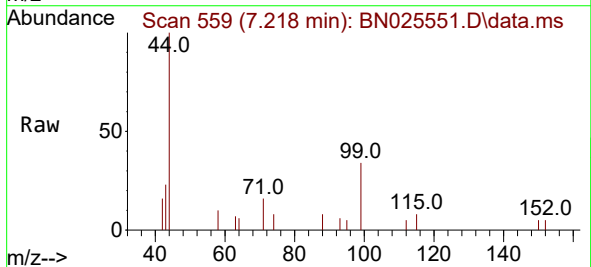
Instrument :
BNA_N
ClientSampleId :
RE120D1-20230516DL

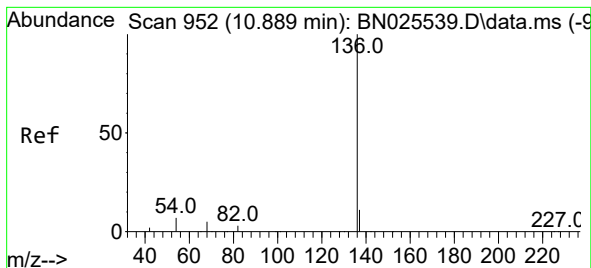
Tgt Ion:112 Resp: 510
Ion Ratio Lower Upper
112 100
64 54.7 44.2 66.4
63 33.9 25.4 38.2



#5
Phenol-d6
Concen: 0.051 ng
RT: 7.218 min Scan# 559
Delta R.T. 0.007 min
Lab File: BN025551.D
Acq: 22 May 2023 23:16

Tgt Ion: 99 Resp: 651
Ion Ratio Lower Upper
99 100
42 27.2 17.5 26.3#
71 38.4 30.1 45.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.889 min Scan# 9

Delta R.T. 0.000 min

Lab File: BN025551.D

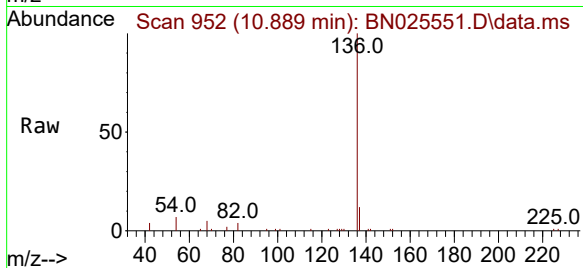
Acq: 22 May 2023 23:16

Instrument :

BNA_N

ClientSampleId :

RE120D1-20230516DL



Tgt Ion:136 Resp: 11136

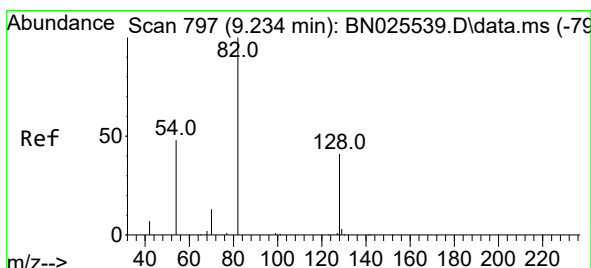
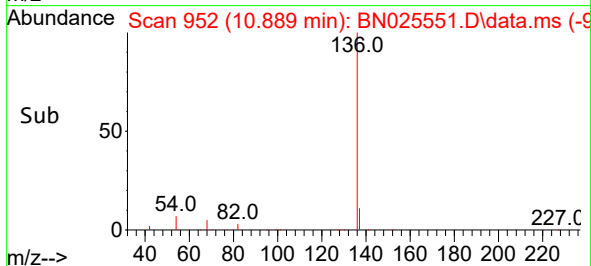
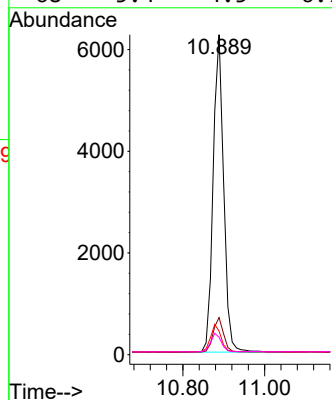
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 7.4 6.2 9.4

68 5.4 4.5 6.7



#8

Nitrobenzene-d5

Concen: 0.060 ng

RT: 9.234 min Scan# 797

Delta R.T. 0.000 min

Lab File: BN025551.D

Acq: 22 May 2023 23:16

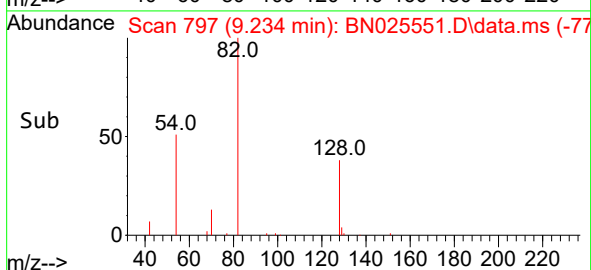
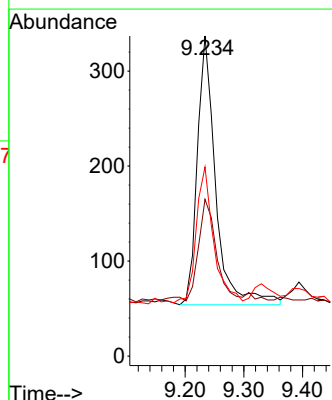
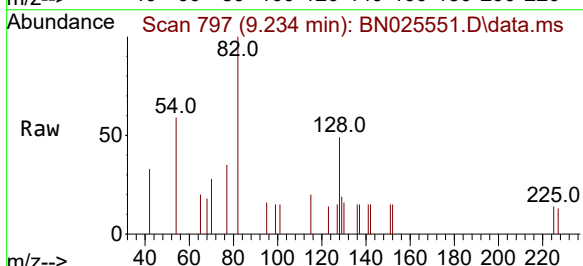
Tgt Ion: 82 Resp: 619

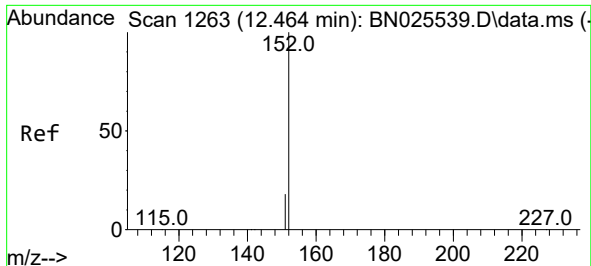
Ion Ratio Lower Upper

82 100

128 49.0 33.8 50.8

54 59.1 39.8 59.6





#11

2-Methylnaphthalene-d10

Concen: 0.062 ng

RT: 12.468 min Scan# 1

Delta R.T. 0.004 min

Lab File: BN025551.D

Acq: 22 May 2023 23:16

Instrument :

BNA_N

ClientSampleId :

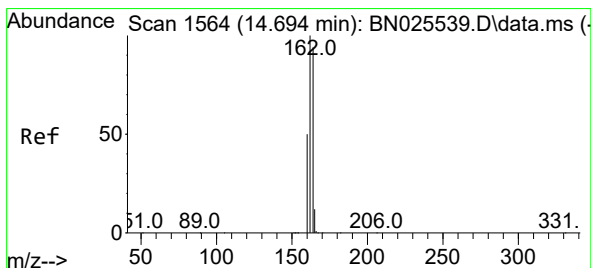
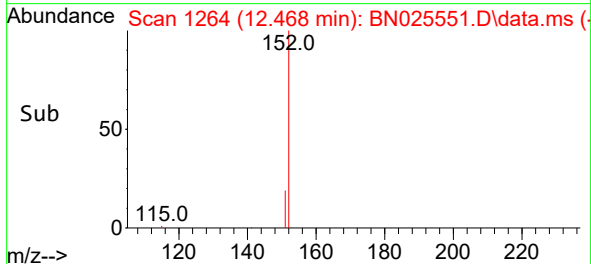
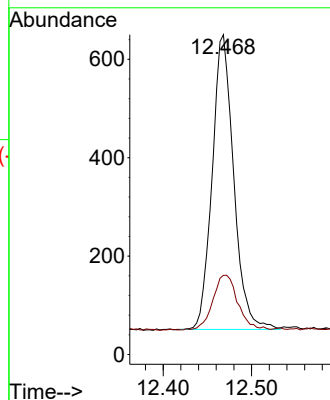
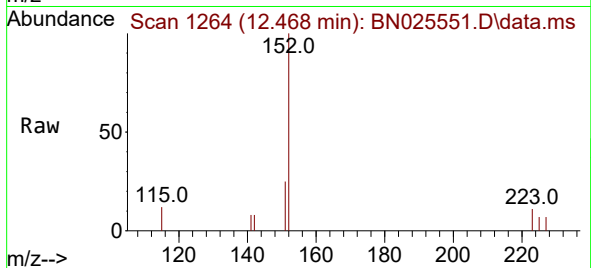
RE120D1-20230516DL

Tgt Ion:152 Resp: 1011

Ion Ratio Lower Upper

152 100

151 21.5 16.7 25.1



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.694 min Scan# 1564

Delta R.T. 0.000 min

Lab File: BN025551.D

Acq: 22 May 2023 23:16

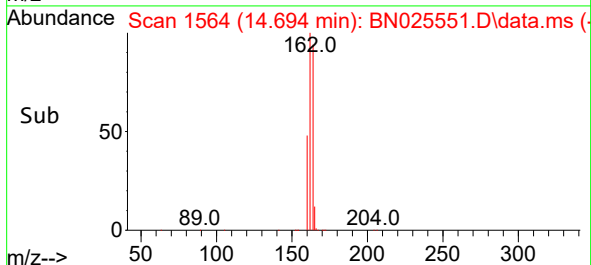
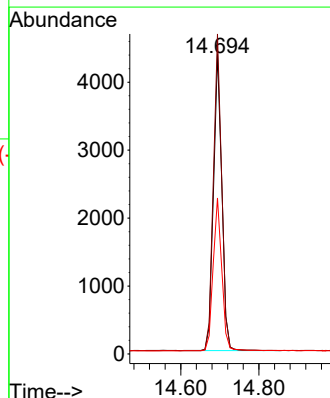
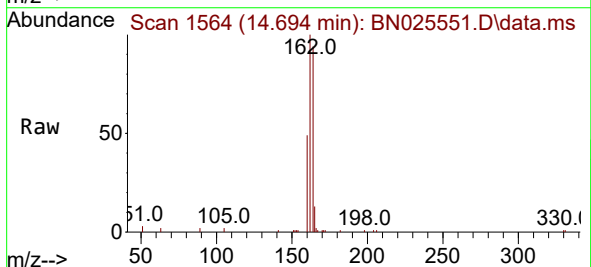
Tgt Ion:164 Resp: 6547

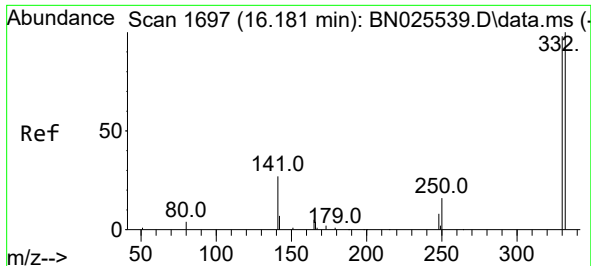
Ion Ratio Lower Upper

164 100

162 106.6 85.5 128.3

160 52.0 42.9 64.3

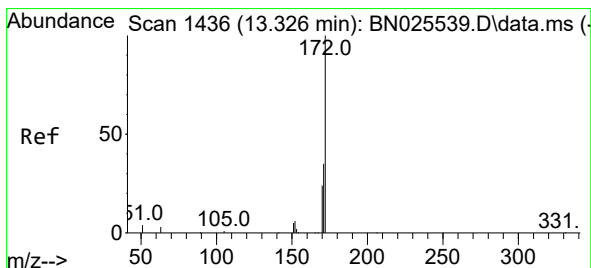
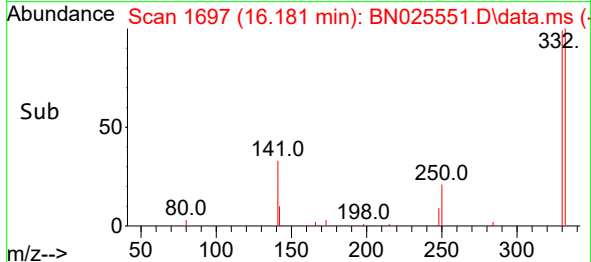
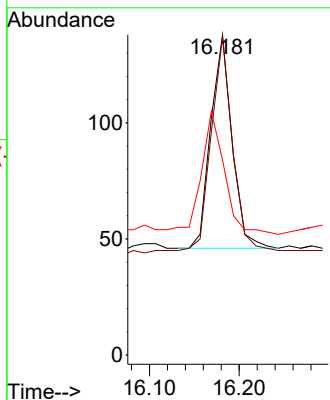
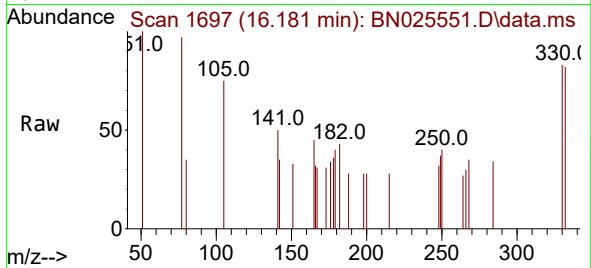




#14
2,4,6-Tribromophenol
Concen: 0.055 ng
RT: 16.181 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN025551.D
Acq: 22 May 2023 23:16

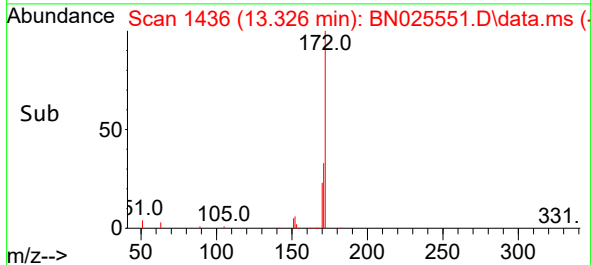
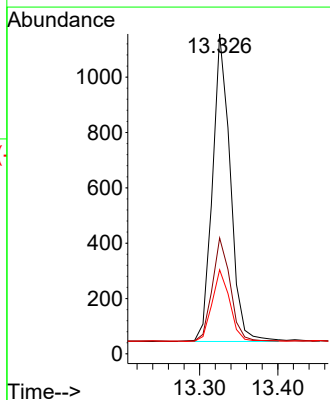
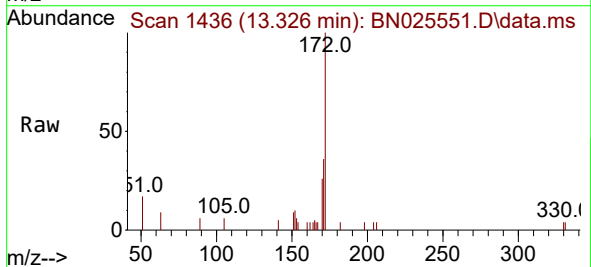
Instrument :
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RE120D1-20230516DL

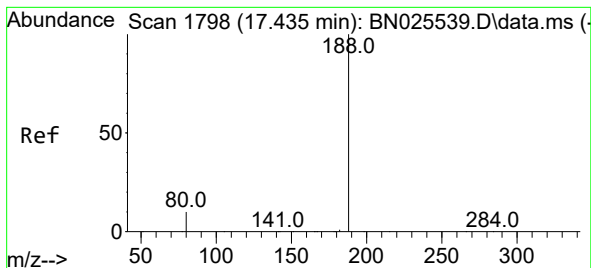
Tgt Ion:330 Resp: 151
Ion Ratio Lower Upper
330 100
332 98.7 76.7 115.1
141 62.9 43.0 64.6



#15
2-Fluorobiphenyl
Concen: 0.062 ng
RT: 13.326 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BN025551.D
Acq: 22 May 2023 23:16

Tgt Ion:172 Resp: 1754
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 26.3 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.435 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN025551.D

Acq: 22 May 2023 23:16

Instrument :

BNA_N

ClientSampleId :

RE120D1-20230516DL

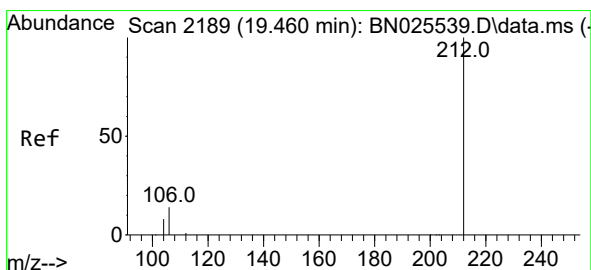
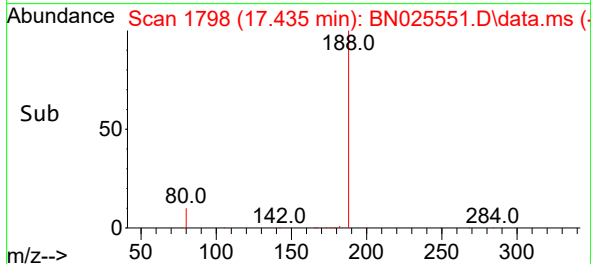
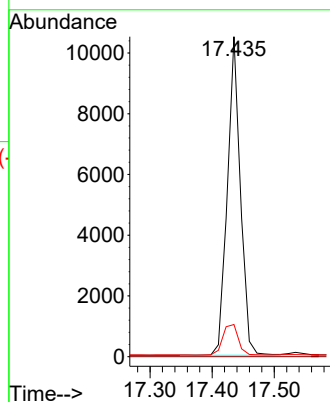
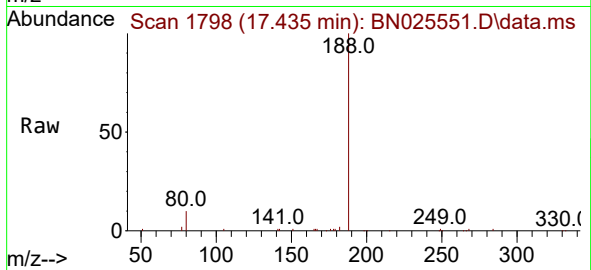
Tgt Ion:188 Resp: 15257

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.0 8.8 13.2



#27

Fluoranthene-d10

Concen: 0.068 ng

RT: 19.460 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BN025551.D

Acq: 22 May 2023 23:16

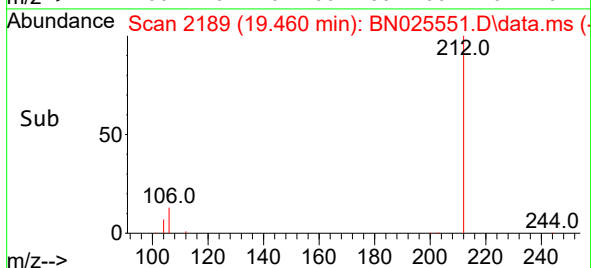
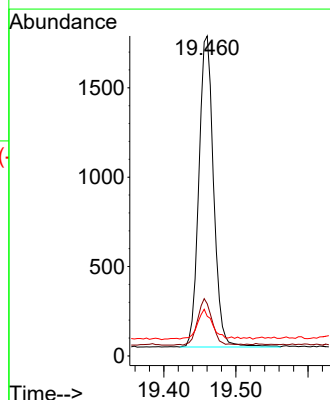
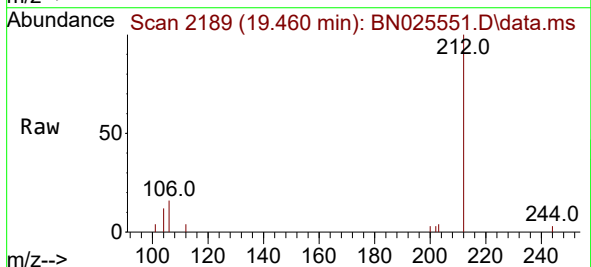
Tgt Ion:212 Resp: 2462

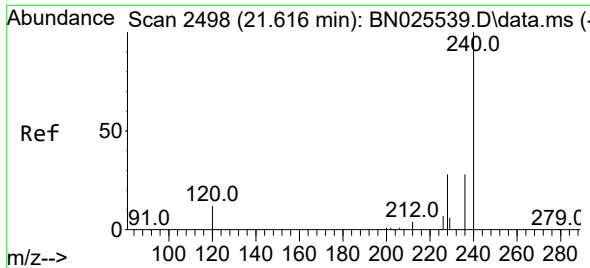
Ion Ratio Lower Upper

212 100

106 14.5 11.4 17.2

104 10.2 6.8 10.2#

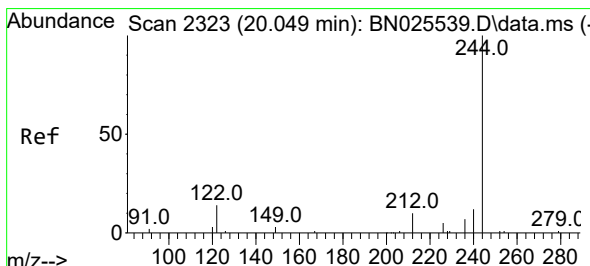
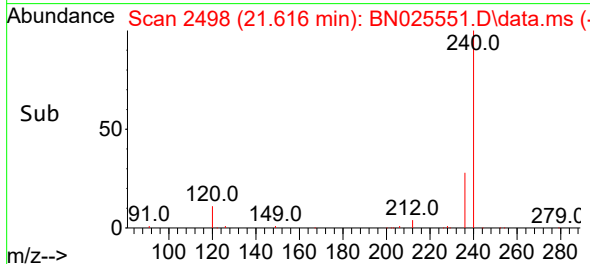
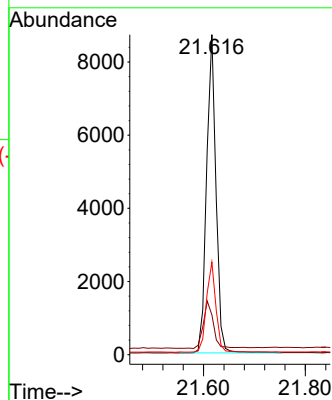
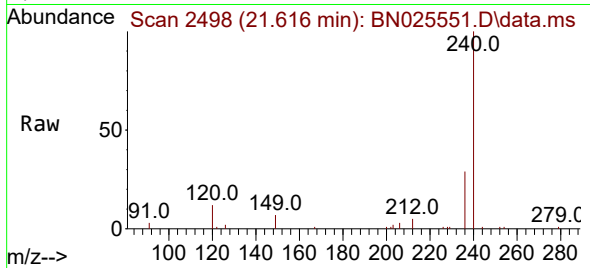




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.616 min Scan# 2498
Delta R.T. 0.000 min
Lab File: BN025551.D
Acq: 22 May 2023 23:16

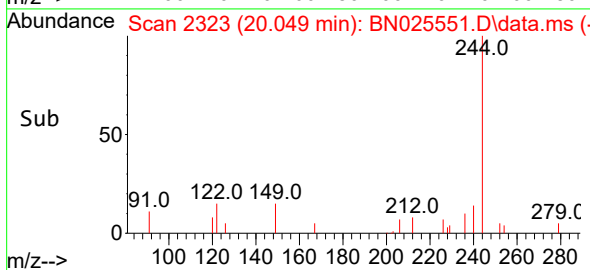
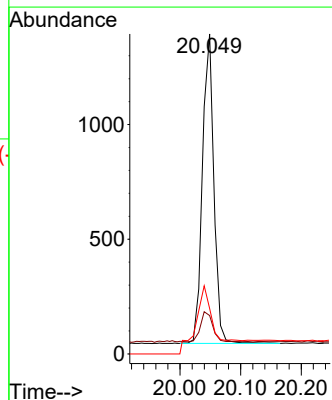
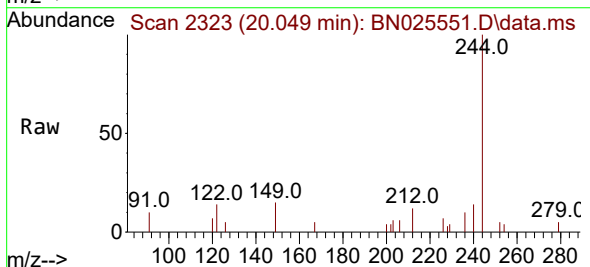
Instrument :
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RE120D1-20230516DL

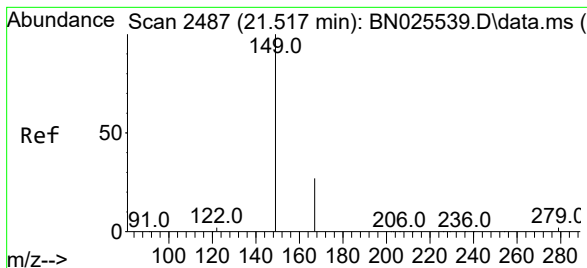
Tgt Ion:240 Resp: 11156
Ion Ratio Lower Upper
240 100
120 12.5 11.7 17.5
236 29.0 23.0 34.6



#31
Terphenyl-d14
Concen: 0.074 ng
RT: 20.049 min Scan# 2323
Delta R.T. 0.000 min
Lab File: BN025551.D
Acq: 22 May 2023 23:16

Tgt Ion:244 Resp: 1710
Ion Ratio Lower Upper
244 100
212 12.0 8.4 12.6
122 14.2 11.4 17.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.037 ng

RT: 21.518 min Scan# 2487

Delta R.T. 0.000 min

Lab File: BN025551.D

Acq: 22 May 2023 23:16

Instrument :

BNA_N

ClientSampleId :

RE120D1-20230516DL

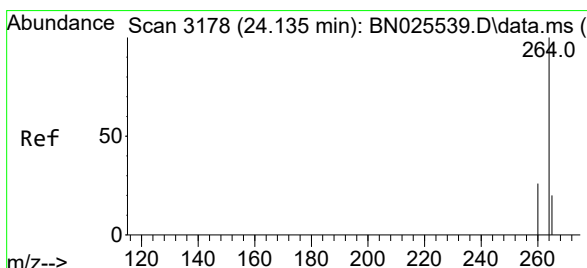
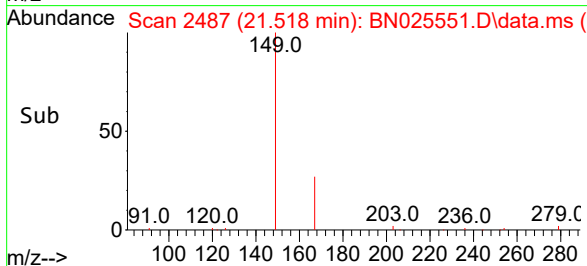
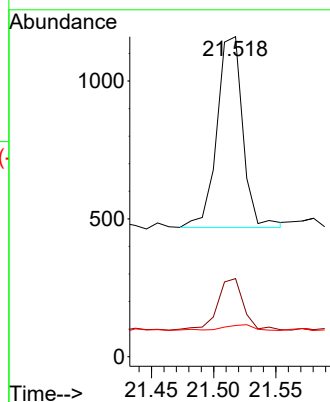
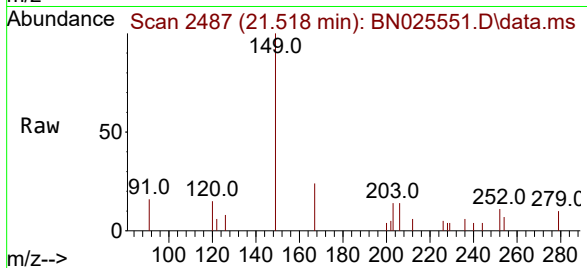
Tgt Ion:149 Resp: 1004

Ion Ratio Lower Upper

149 100

167 27.3 21.5 32.3

279 3.6 2.6 4.0



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.115 min Scan# 3171

Delta R.T. -0.020 min

Lab File: BN025551.D

Acq: 22 May 2023 23:16

Tgt Ion:264 Resp: 11494

Ion Ratio Lower Upper

264 100

260 26.9 21.1 31.7

265 39.3 35.5 53.3

