

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
 Data File : BN025502.D
 Acq On : 20 May 2023 00:27
 Operator : CG/JU
 Sample : 02834-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20230515

Quant Time: May 20 01:16:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 19 02:17:42 2023
 Response via : Initial Calibration

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

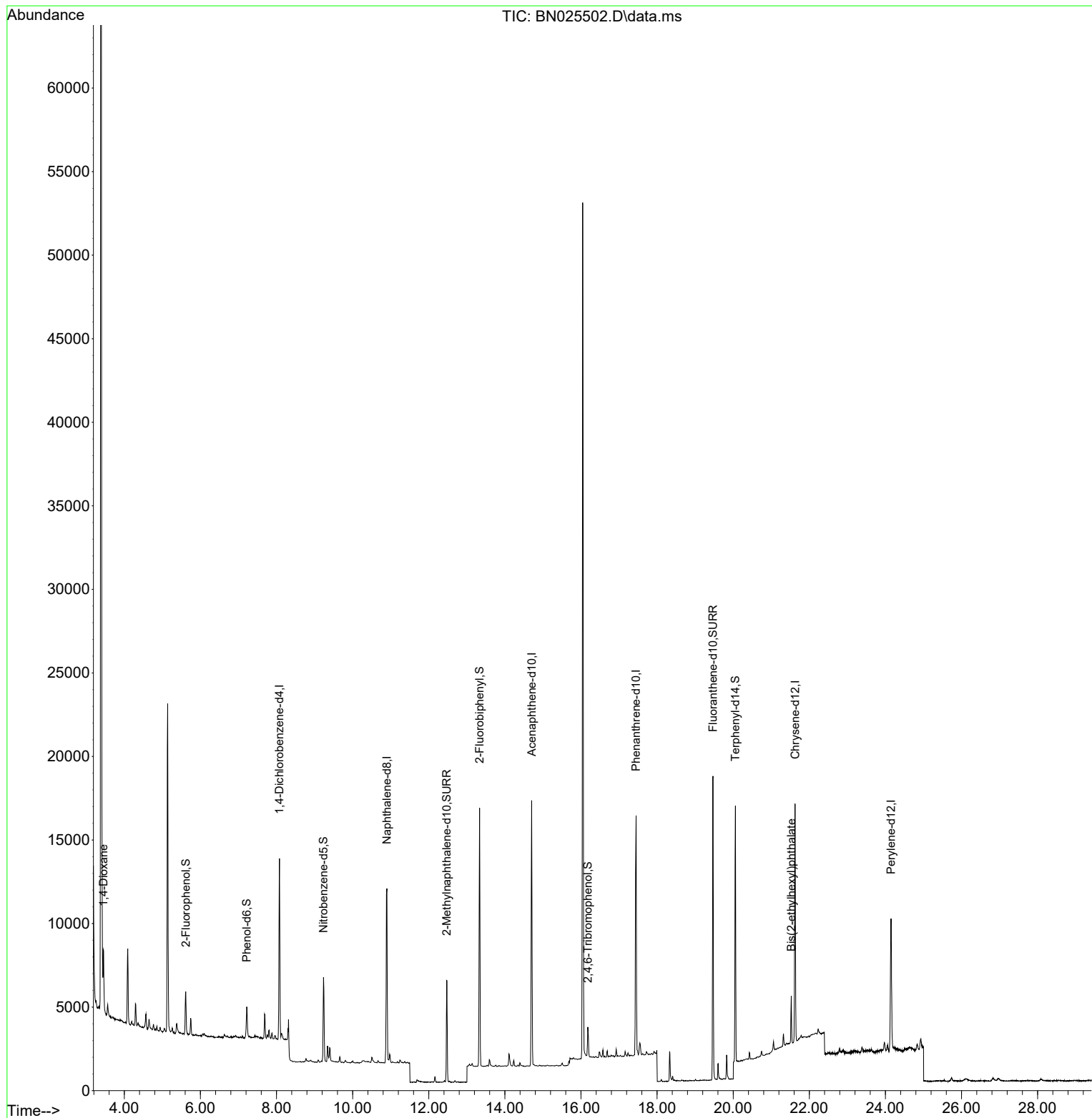
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	5307	0.400	ng	0.00
7) Naphthalene-d8	10.899	136	14956	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	8755	0.400	ng	0.00
19) Phenanthrene-d10	17.448	188	20154	0.400	ng	# 0.00
29) Chrysene-d12	21.625	240	13559	0.400	ng	# 0.00
35) Perylene-d12	24.147	264	11617	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.614	112	1965	0.164	ng	0.00
5) Phenol-d6	7.218	99	1762	0.115	ng	0.00
8) Nitrobenzene-d5	9.234	82	4334	0.363	ng	0.00
11) 2-Methylnaphthalene-d10	12.472	152	8216	0.395	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	979	0.287	ng	-0.01
15) 2-Fluorobiphenyl	13.336	172	13110	0.391	ng	0.00
27) Fluoranthene-d10	19.469	212	20024	0.430	ng	0.00
31) Terphenyl-d14	20.058	244	13461	0.559	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.455	88	2257	0.417	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.527	149	2721	0.094	ng	# 97

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

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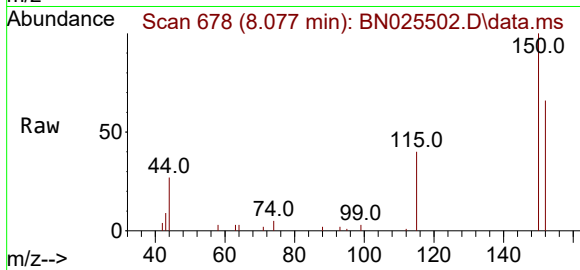
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 02:17:42 2023
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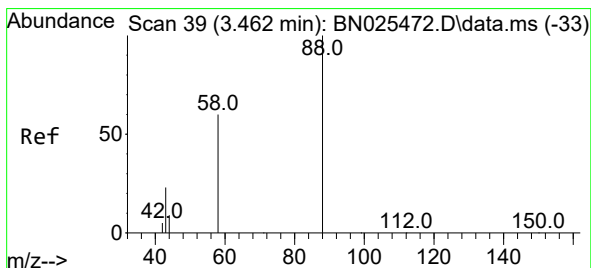
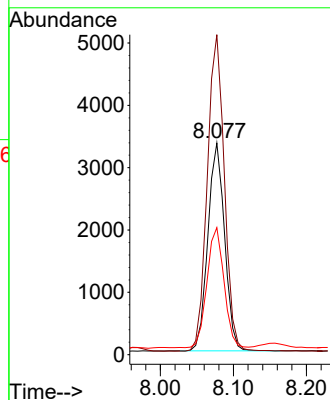
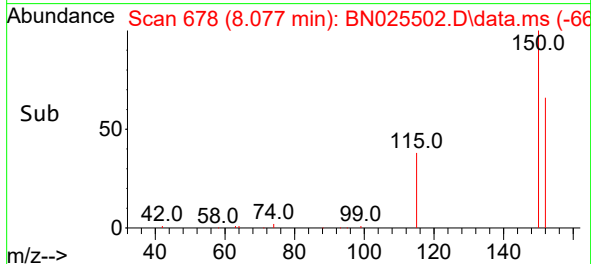


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.077 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN025502.D
 Acq: 20 May 2023 00:27

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20230515

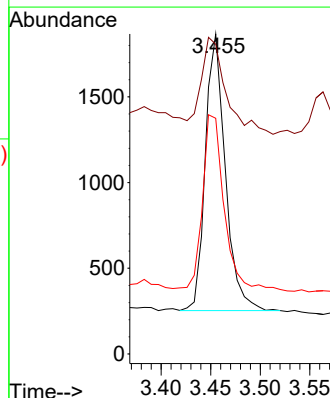
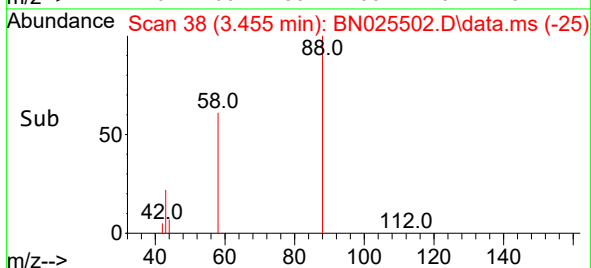
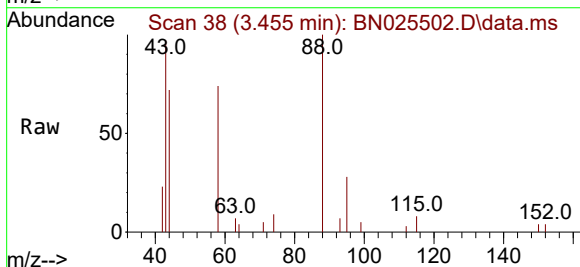


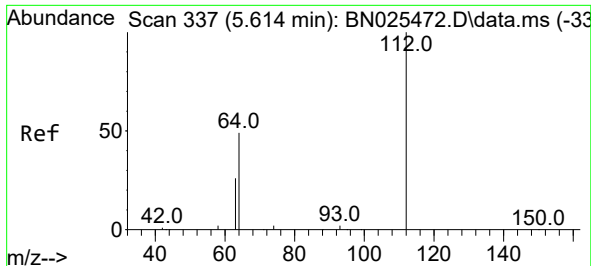
Tgt Ion:152 Resp: 5307
 Ion Ratio Lower Upper
 152 100
 150 151.2 125.3 187.9
 115 60.0 50.2 75.2



#2
 1,4-Dioxane
 Concen: 0.417 ng
 RT: 3.455 min Scan# 38
 Delta R.T. -0.007 min
 Lab File: BN025502.D
 Acq: 20 May 2023 00:27

Tgt Ion: 88 Resp: 2257
 Ion Ratio Lower Upper
 88 100
 43 44.1 23.8 35.6#
 58 67.3 55.1 82.7

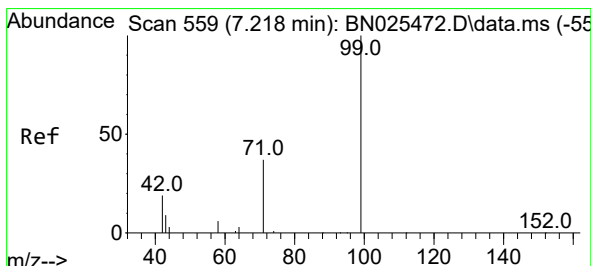
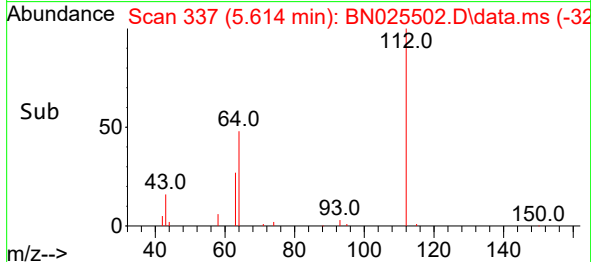
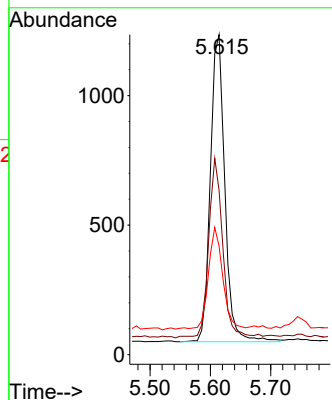
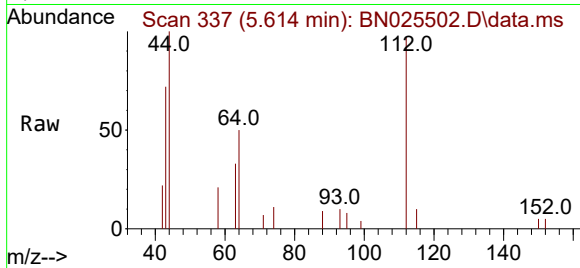




#4
2-Fluorophenol
Concen: 0.164 ng
RT: 5.614 min Scan# 311
Delta R.T. 0.000 min
Lab File: BN025502.D
Acq: 20 May 2023 00:27

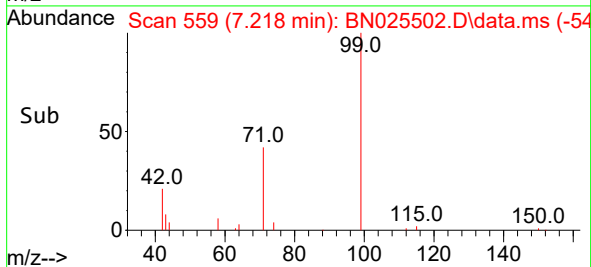
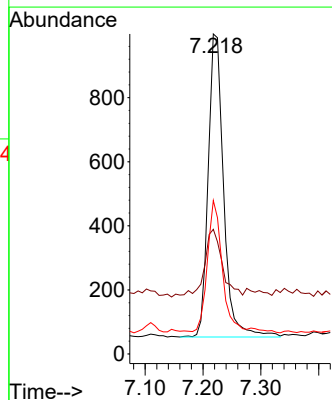
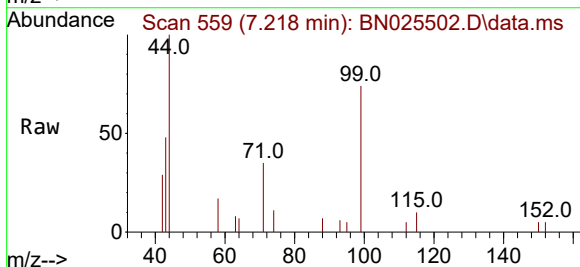
Instrument :
BNA_N
ClientSampleId :
RE117D1-20230515

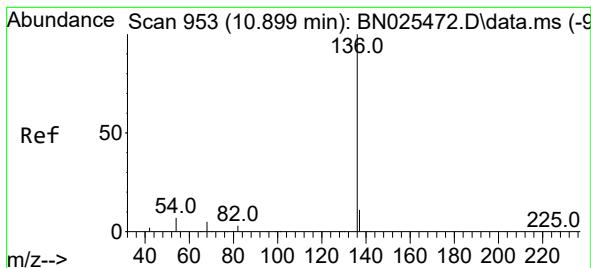
Tgt Ion: 112 Resp: 1965
Ion Ratio Lower Upper
112 100
64 57.2 44.0 66.0
63 32.1 24.0 36.0



#5
Phenol-d6
Concen: 0.115 ng
RT: 7.218 min Scan# 559
Delta R.T. -0.000 min
Lab File: BN025502.D
Acq: 20 May 2023 00:27

Tgt Ion: 99 Resp: 1762
Ion Ratio Lower Upper
99 100
42 25.8 15.8 23.8#
71 40.8 28.6 43.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.899 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN025502.D

Acq: 20 May 2023 00:27

Instrument :

BNA_N

ClientSampleId :

RE117D1-20230515

Tgt Ion:136 Resp: 14956

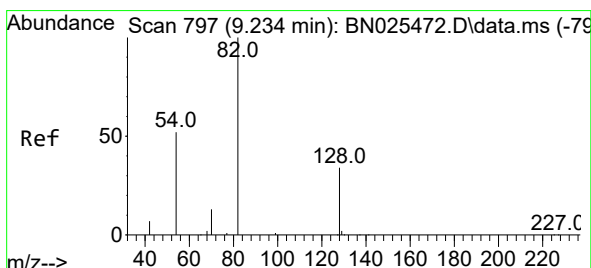
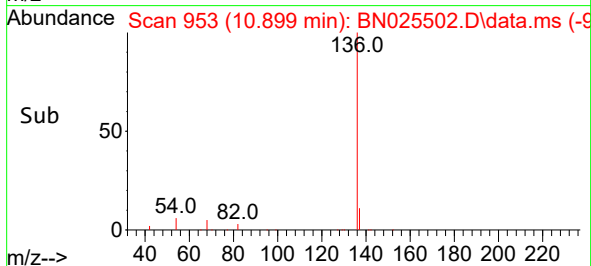
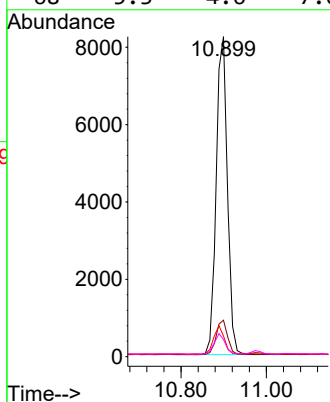
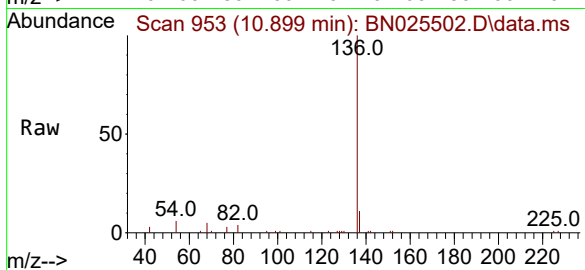
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.5 5.8 8.6

68 5.3 4.6 7.0



#8

Nitrobenzene-d5

Concen: 0.363 ng

RT: 9.234 min Scan# 797

Delta R.T. -0.000 min

Lab File: BN025502.D

Acq: 20 May 2023 00:27

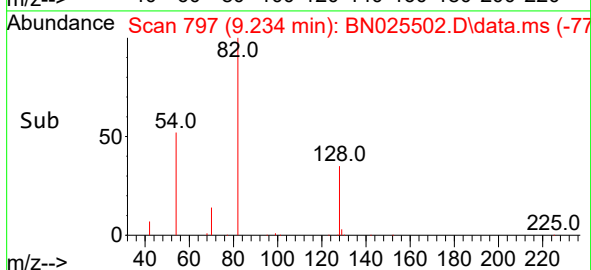
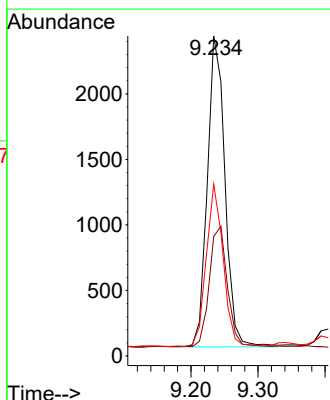
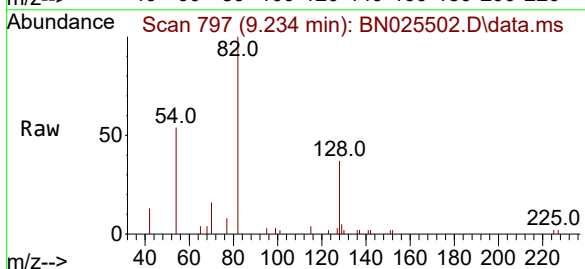
Tgt Ion: 82 Resp: 4334

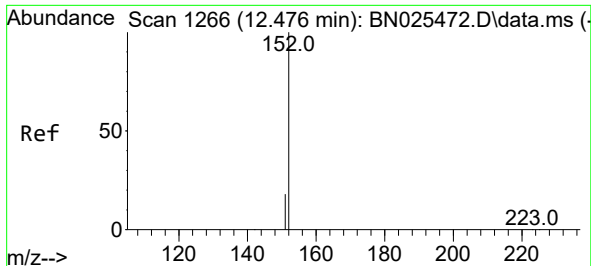
Ion Ratio Lower Upper

82 100

128 37.3 27.9 41.9

54 53.6 42.4 63.6

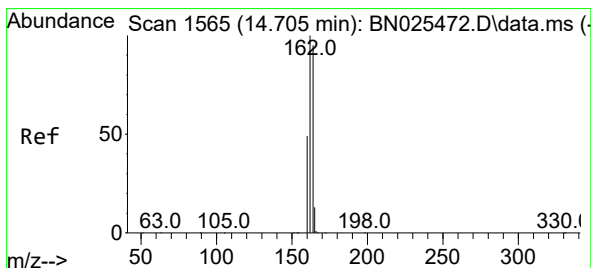
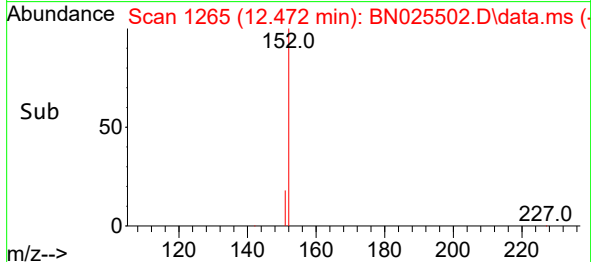
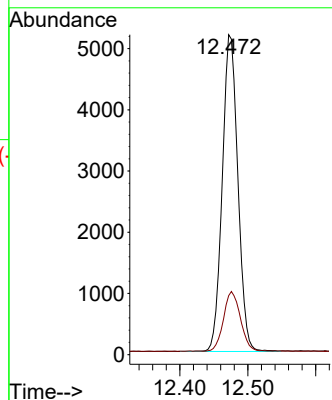
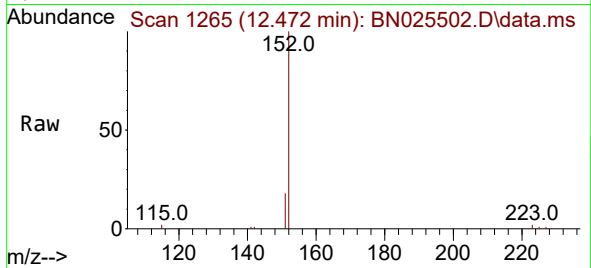




#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.472 min Scan# 1265
Delta R.T. -0.004 min
Lab File: BN025502.D
Acq: 20 May 2023 00:27

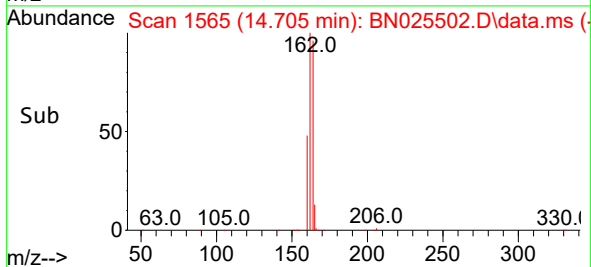
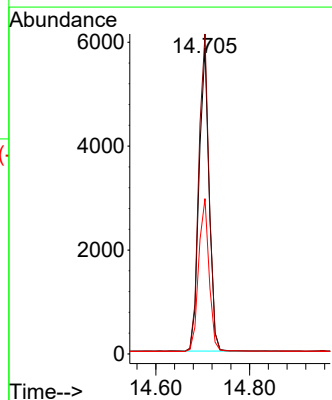
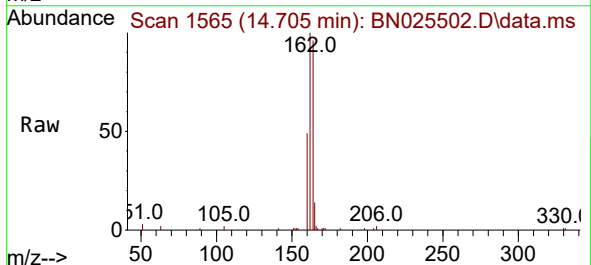
Instrument :
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RE117D1-20230515

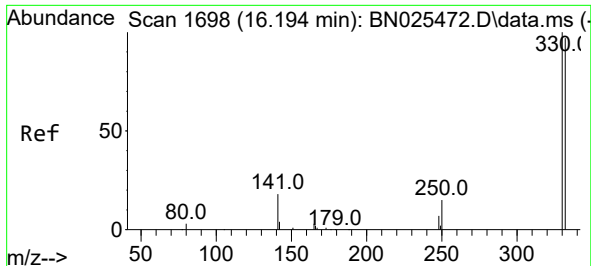
Tgt Ion:152 Resp: 8216
Ion Ratio Lower Upper
152 100
151 20.5 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BN025502.D
Acq: 20 May 2023 00:27

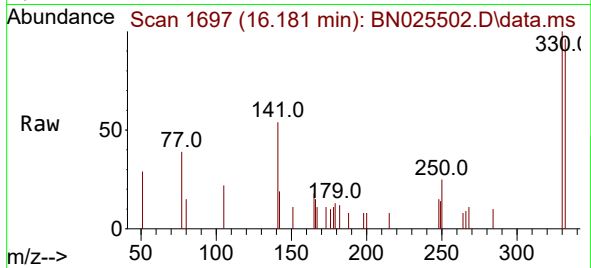
Tgt Ion:164 Resp: 8755
Ion Ratio Lower Upper
164 100
162 104.6 84.2 126.2
160 50.8 41.4 62.2



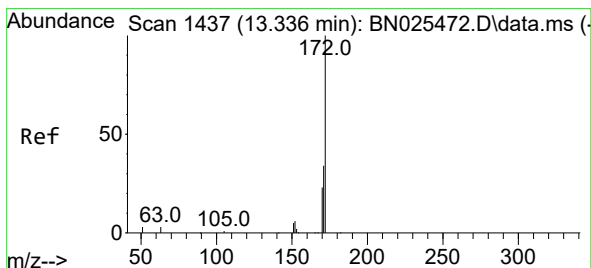
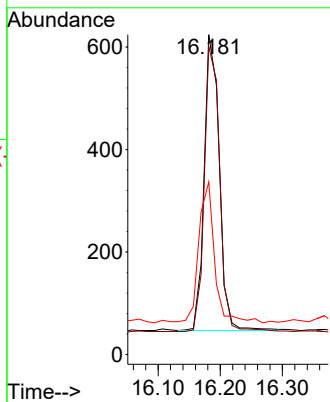
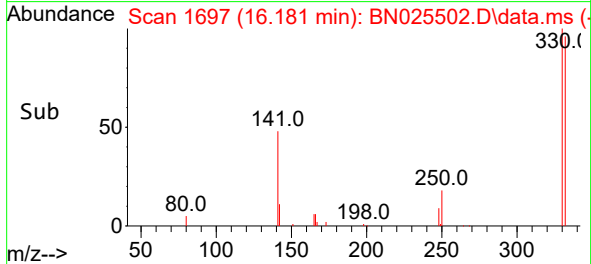


#14
2,4,6-Tribromophenol
Concen: 0.287 ng
RT: 16.181 min Scan# 1697
Delta R.T. -0.013 min
Lab File: BN025502.D
Acq: 20 May 2023 00:27

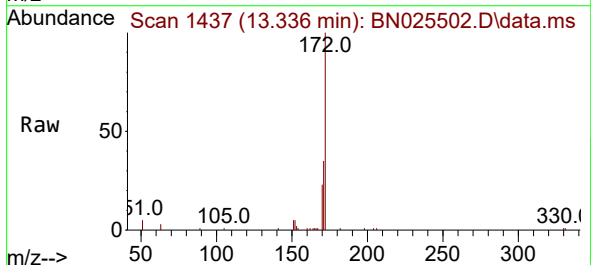
Instrument :
BNA_N
ClientSampleId :
RE117D1-20230515



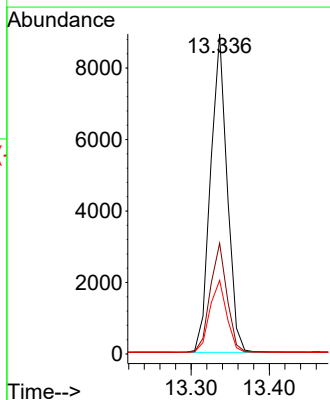
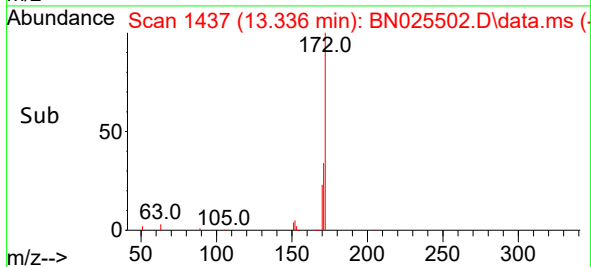
Tgt Ion:330 Resp: 979
Ion Ratio Lower Upper
330 100
332 97.7 76.1 114.1
141 48.7 36.1 54.1

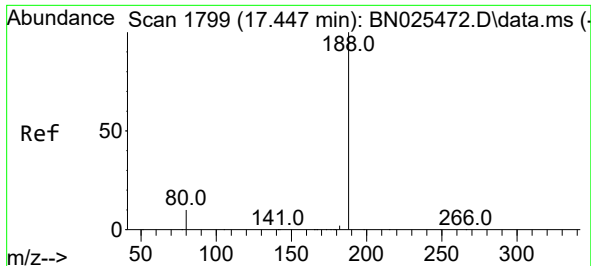


#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.336 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN025502.D
Acq: 20 May 2023 00:27



Tgt Ion:172 Resp: 13110
Ion Ratio Lower Upper
172 100
171 34.6 27.6 41.4
170 23.0 18.9 28.3

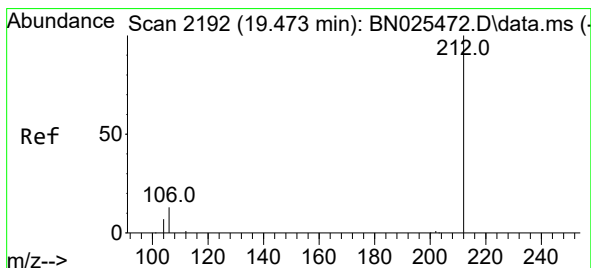
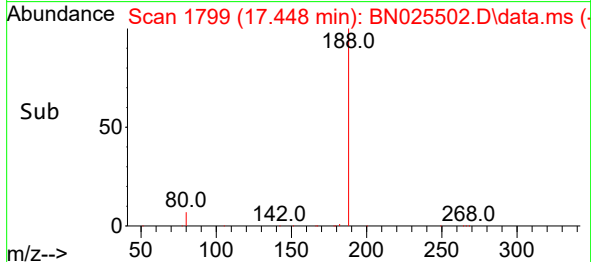
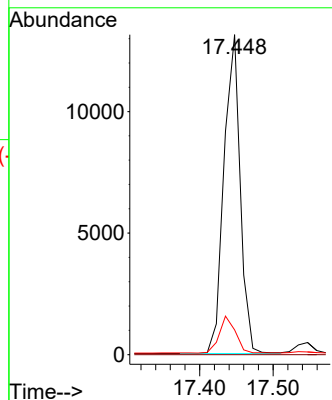
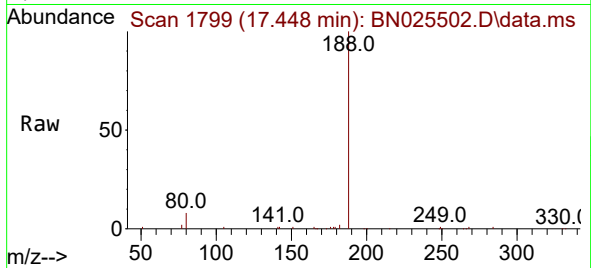




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.448 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN025502.D
Acq: 20 May 2023 00:27

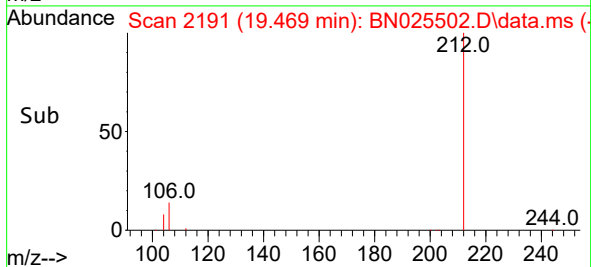
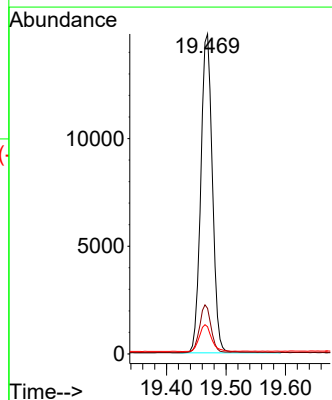
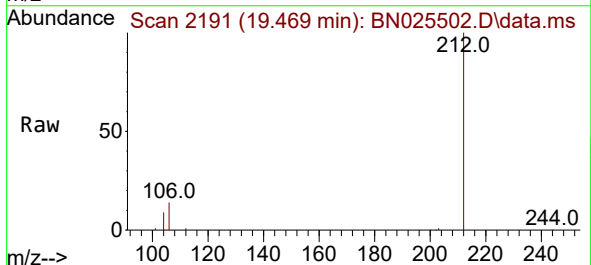
Instrument :
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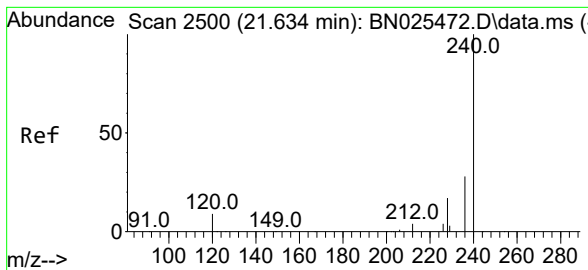
Tgt Ion:188 Resp: 20154
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.8 8.2 12.4#



#27
Fluoranthene-d10
Concen: 0.430 ng
RT: 19.469 min Scan# 2191
Delta R.T. -0.004 min
Lab File: BN025502.D
Acq: 20 May 2023 00:27

Tgt Ion:212 Resp: 20024
Ion Ratio Lower Upper
212 100
106 14.6 11.4 17.2
104 8.9 6.6 10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.625 min Scan# 2499

Delta R.T. -0.009 min

Lab File: BN025502.D

Acq: 20 May 2023 00:27

Instrument :

BNA_N

ClientSampleId :

RE117D1-20230515

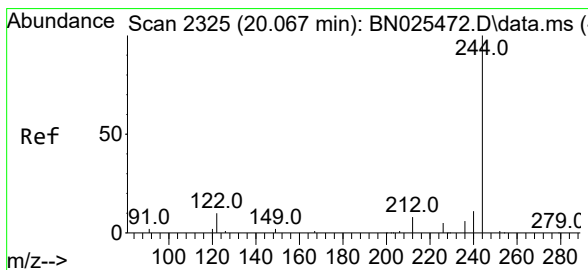
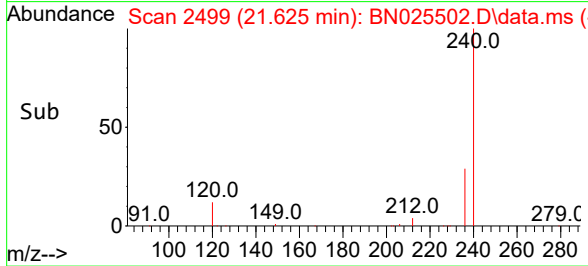
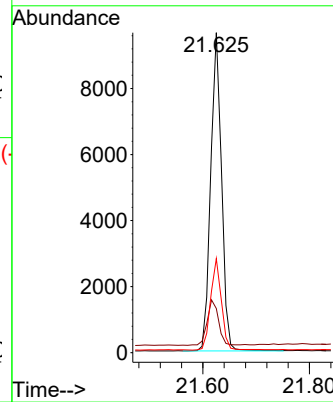
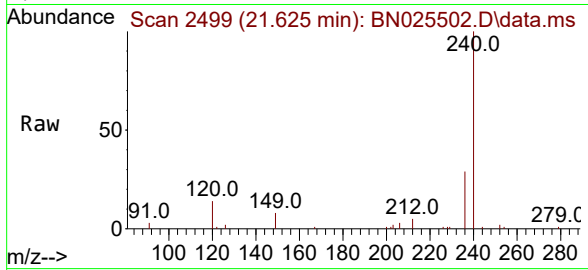
Tgt Ion:240 Resp: 13559

Ion Ratio Lower Upper

240 100

120 13.8 8.6 12.8#

236 29.4 22.7 34.1



#31

Terphenyl-d14

Concen: 0.559 ng

RT: 20.058 min Scan# 2324

Delta R.T. -0.009 min

Lab File: BN025502.D

Acq: 20 May 2023 00:27

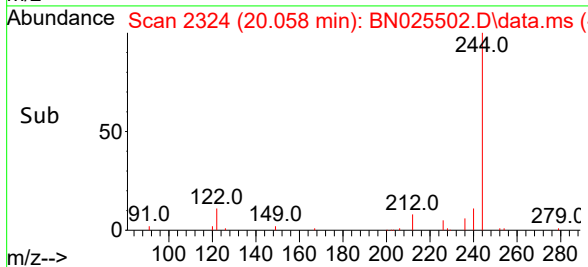
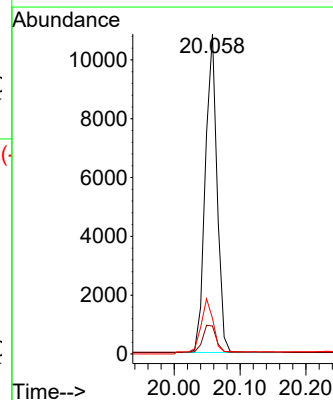
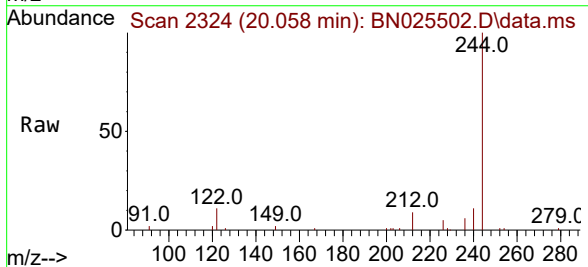
Tgt Ion:244 Resp: 13461

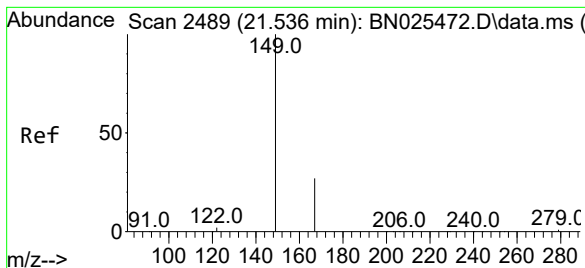
Ion Ratio Lower Upper

244 100

212 8.8 6.6 10.0

122 11.2 8.1 12.1

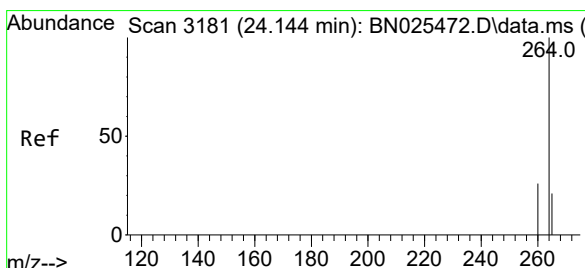
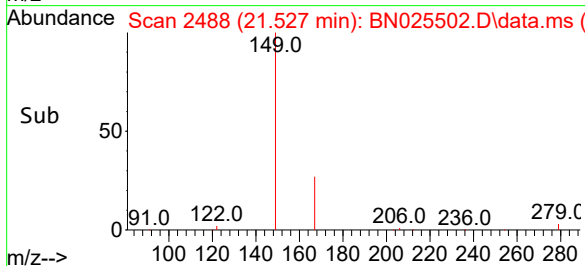
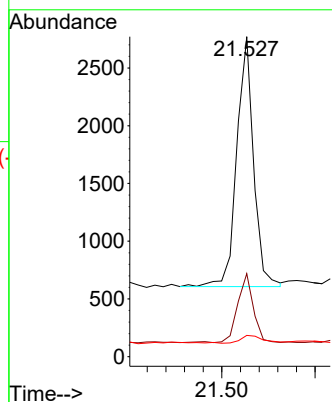
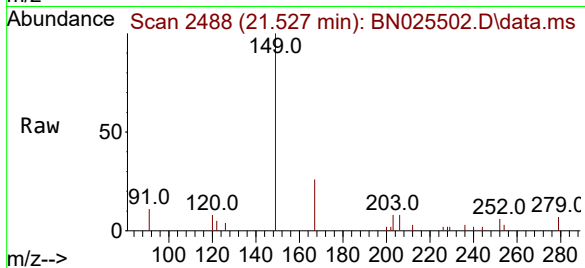




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.094 ng
 RT: 21.527 min Scan# 2488
 Delta R.T. -0.009 min
 Lab File: BN025502.D
 Acq: 20 May 2023 00:27

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20230515

Tgt Ion:149 Resp: 2721
 Ion Ratio Lower Upper
 149 100
 167 25.9 22.0 33.0
 279 4.1 2.6 3.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.147 min Scan# 3182
 Delta R.T. 0.003 min
 Lab File: BN025502.D
 Acq: 20 May 2023 00:27

Tgt Ion:264 Resp: 11617
 Ion Ratio Lower Upper
 264 100
 260 27.5 21.2 31.8
 265 46.2 27.1 40.7#

