

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
 Data File : BN025508.D
 Acq On : 20 May 2023 04:02
 Operator : CG/JU
 Sample : 02834-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20230516

Quant Time: May 20 04:36:29 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)

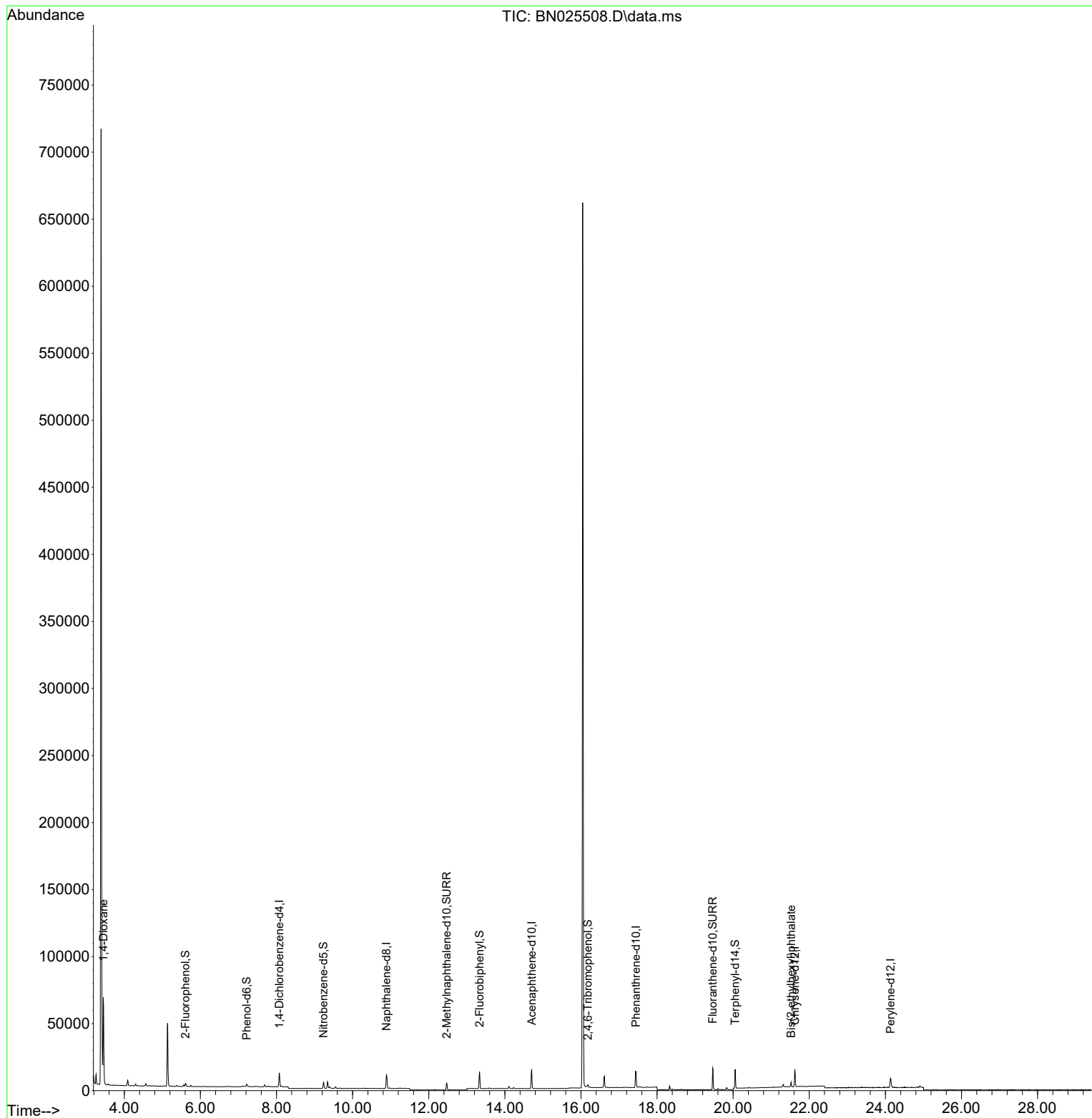
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	4821	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	13857	0.400	ng	#-0.01
13) Acenaphthene-d10	14.705	164	8143	0.400	ng	0.00
19) Phenanthrene-d10	17.447	188	18748	0.400	ng	# 0.00
29) Chrysene-d12	21.620	240	12458	0.400	ng	#-0.01
35) Perylene-d12	24.136	264	10045	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	1867	0.172	ng	0.00
5) Phenol-d6	7.218	99	1508	0.108	ng	0.00
8) Nitrobenzene-d5	9.234	82	3805	0.344	ng	0.00
11) 2-Methylnaphthalene-d10	12.472	152	7224	0.375	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	935	0.294	ng	-0.01
15) 2-Fluorobiphenyl	13.336	172	11267	0.362	ng	0.00
27) Fluoranthene-d10	19.464	212	17302	0.400	ng	0.00
31) Terphenyl-d14	20.053	244	11050	0.499	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.455	88	40203	8.174	ng	99
34) Bis(2-ethylhexyl)phtha...	21.522	149	3176	0.120	ng	99

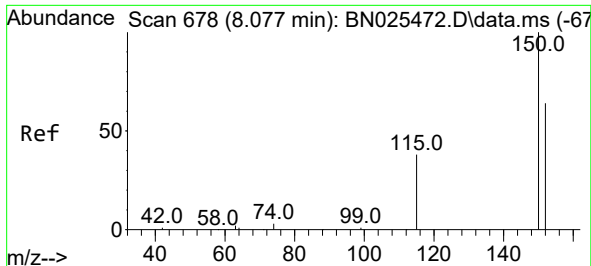
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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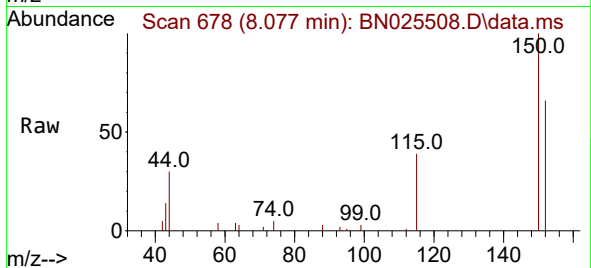
Quant Time: May 20 04:36:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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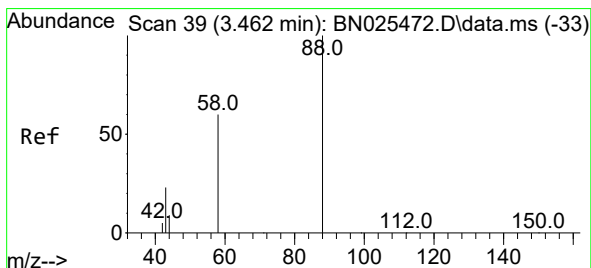
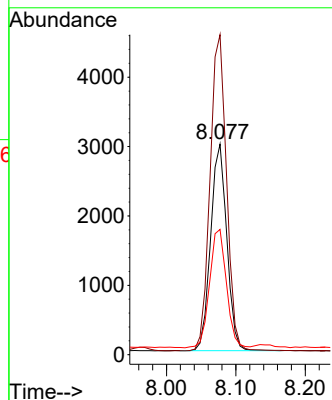
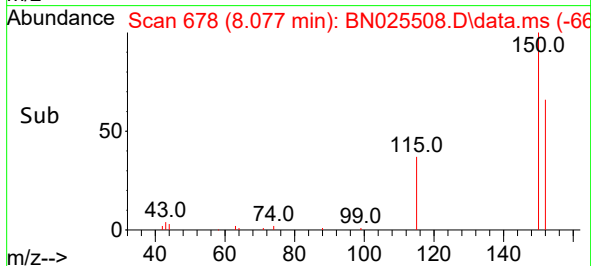


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.077 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN025508.D
 Acq: 20 May 2023 04:02

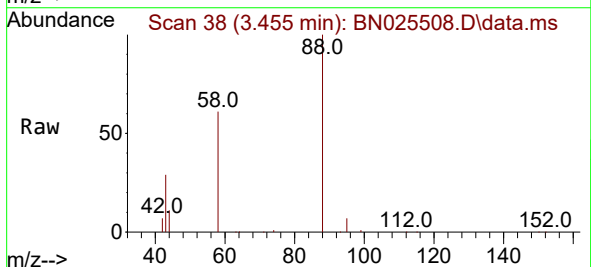
Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20230516



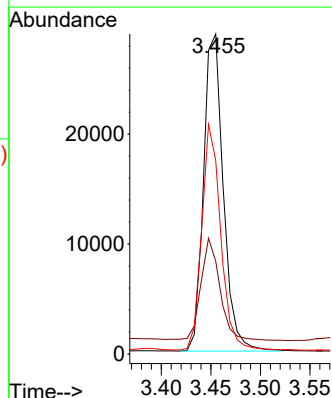
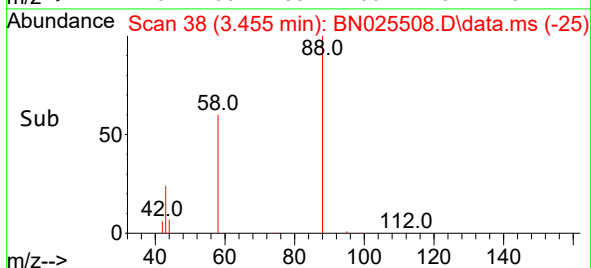
Tgt Ion:152 Resp: 4821
 Ion Ratio Lower Upper
 152 100
 150 152.0 125.3 187.9
 115 59.5 50.2 75.2

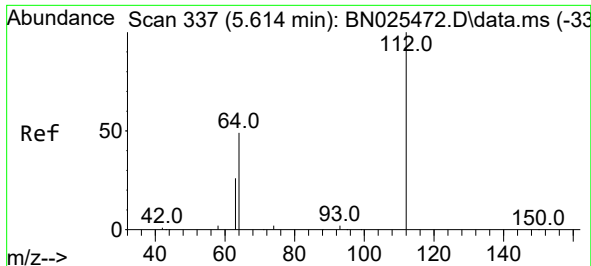


#2
 1,4-Dioxane
 Concen: 8.174 ng
 RT: 3.455 min Scan# 38
 Delta R.T. -0.007 min
 Lab File: BN025508.D
 Acq: 20 May 2023 04:02



Tgt Ion: 88 Resp: 40203
 Ion Ratio Lower Upper
 88 100
 43 30.5 23.8 35.6
 58 67.9 55.1 82.7

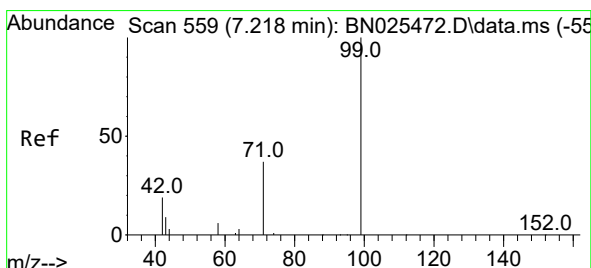
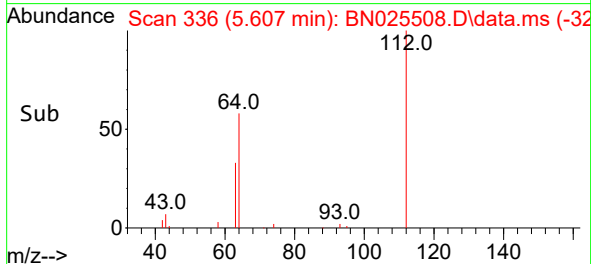
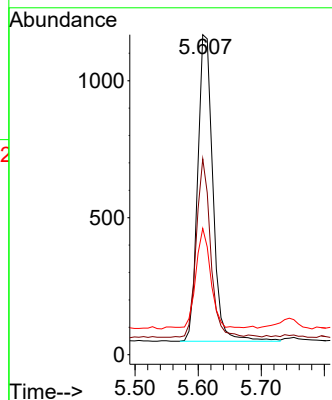
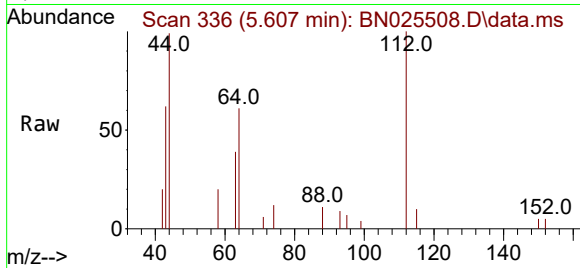




#4
2-Fluorophenol
Concen: 0.172 ng
RT: 5.607 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN025508.D
Acq: 20 May 2023 04:02

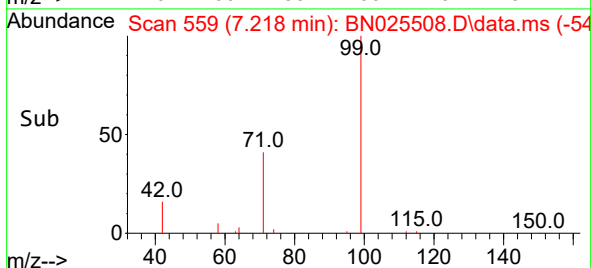
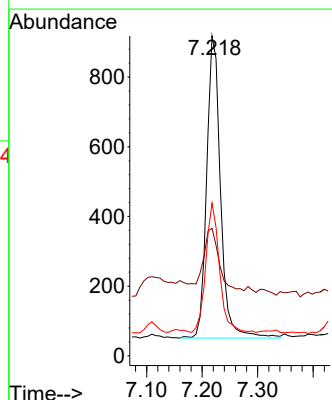
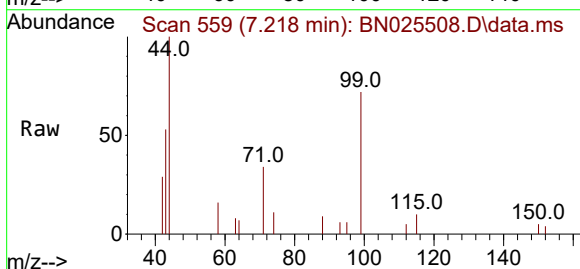
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RE120D1-20230516

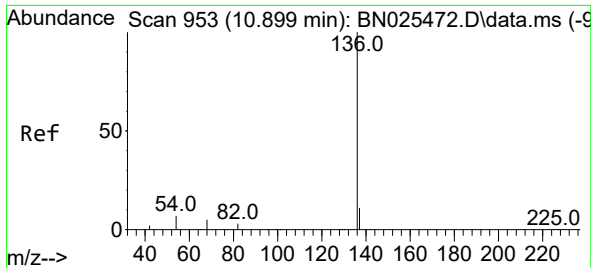
Tgt Ion:112 Resp: 1867
Ion Ratio Lower Upper
112 100
64 54.2 44.0 66.0
63 30.7 24.0 36.0



#5
Phenol-d6
Concen: 0.108 ng
RT: 7.218 min Scan# 559
Delta R.T. -0.000 min
Lab File: BN025508.D
Acq: 20 May 2023 04:02

Tgt Ion: 99 Resp: 1508
Ion Ratio Lower Upper
99 100
42 23.3 15.8 23.8
71 42.4 28.6 43.0

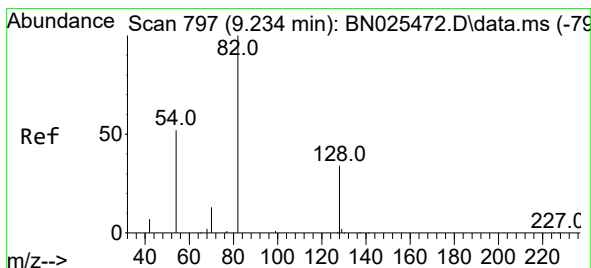
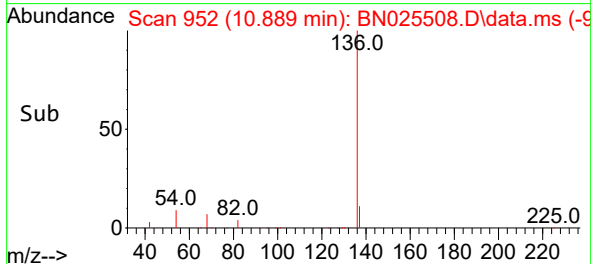
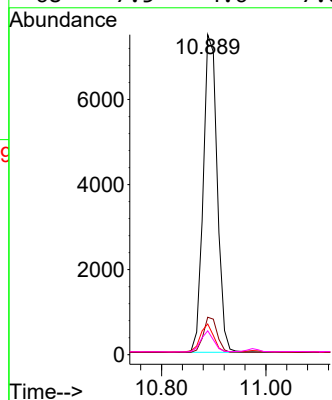
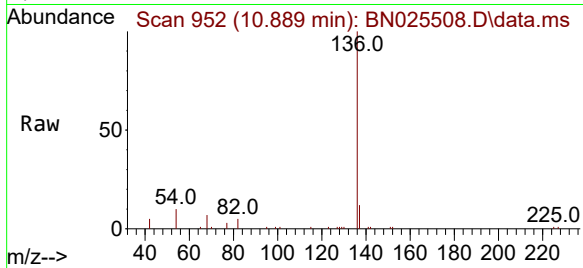




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.889 min Scan# 91
Delta R.T. -0.010 min
Lab File: BN025508.D
Acq: 20 May 2023 04:02

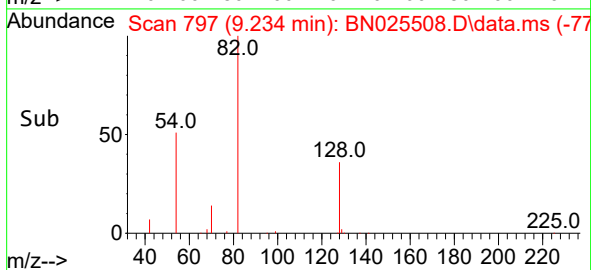
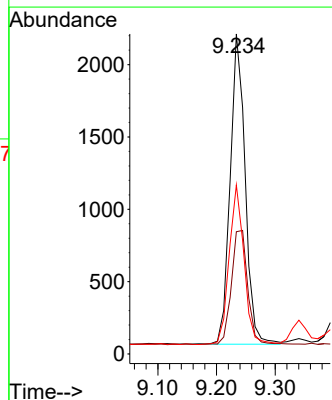
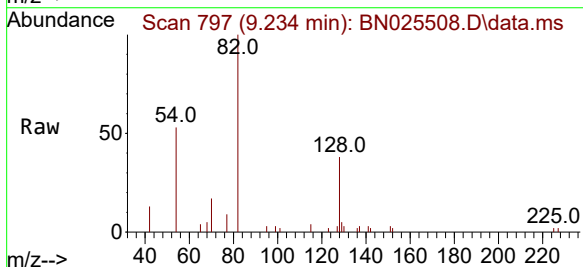
Instrument :
BNA_N
ClientSampleId :
RE120D1-20230516

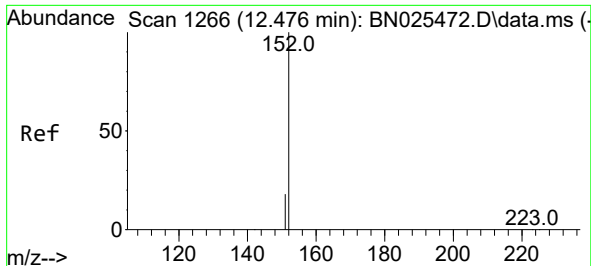
Tgt Ion:	136	Resp:	13857
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.1	13.7
54	9.6	5.8	8.6#
68	7.5	4.6	7.0#



#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 9.234 min Scan# 797
Delta R.T. -0.000 min
Lab File: BN025508.D
Acq: 20 May 2023 04:02

Tgt Ion:	82	Resp:	3805
Ion Ratio	Lower	Upper	
82	100		
128	38.2	27.9	41.9
54	52.8	42.4	63.6





#11

2-Methylnaphthalene-d10

Concen: 0.375 ng

RT: 12.472 min Scan# 1265

Delta R.T. -0.004 min

Lab File: BN025508.D

Acq: 20 May 2023 04:02

Instrument :

BNA_N

ClientSampleId :

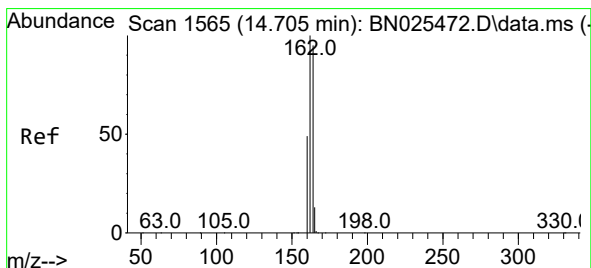
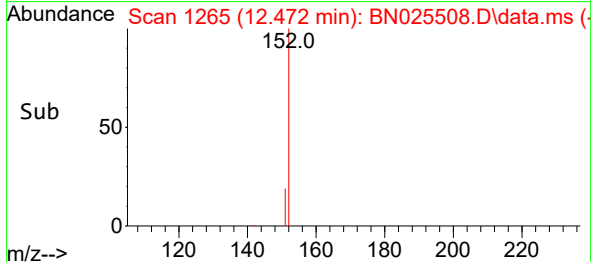
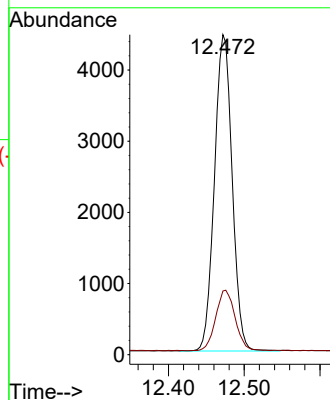
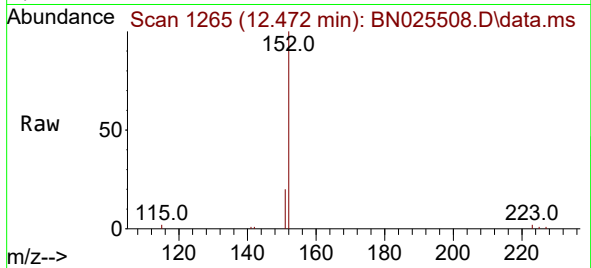
RE120D1-20230516

Tgt Ion:152 Resp: 7224

Ion Ratio Lower Upper

152 100

151 20.9 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: BN025508.D

Acq: 20 May 2023 04:02

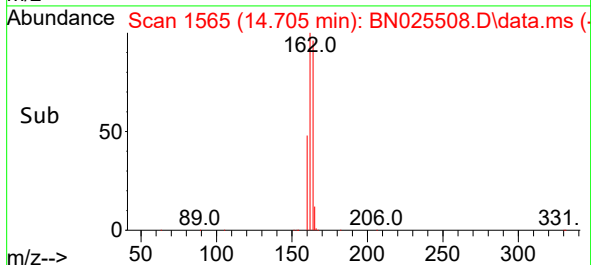
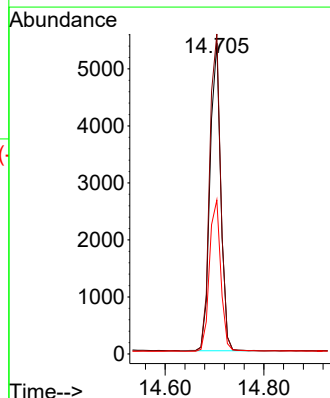
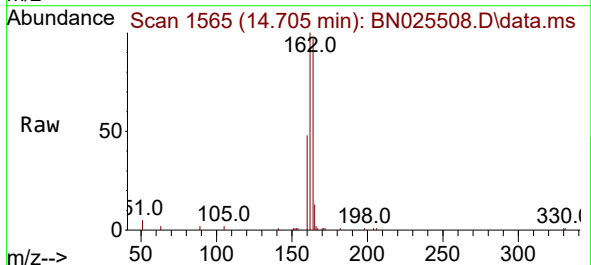
Tgt Ion:164 Resp: 8143

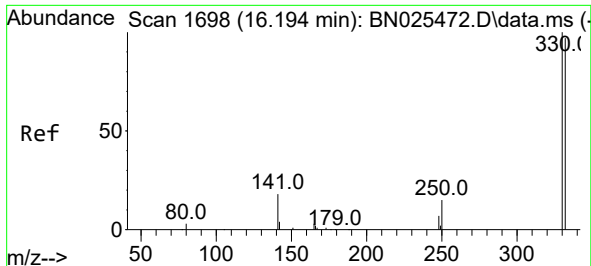
Ion Ratio Lower Upper

164 100

162 103.0 84.2 126.2

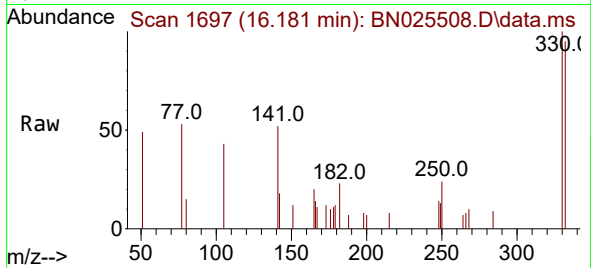
160 49.6 41.4 62.2



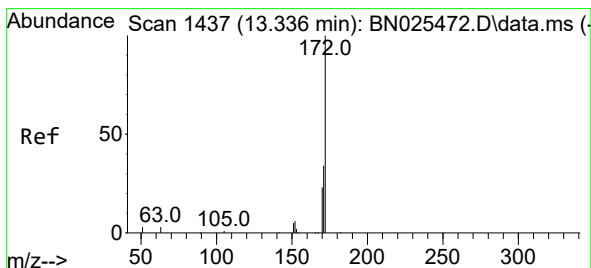
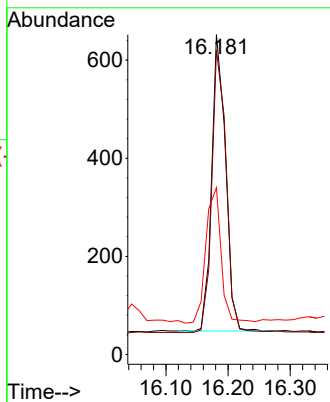
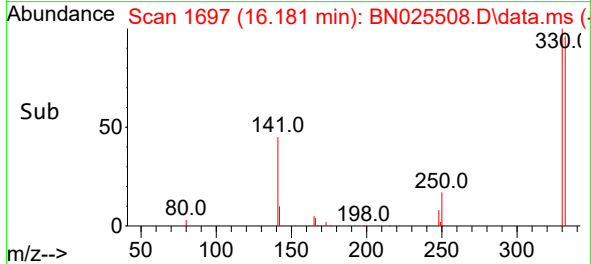


#14
2,4,6-Tribromophenol
Concen: 0.294 ng
RT: 16.181 min Scan# 1697
Delta R.T. -0.013 min
Lab File: BN025508.D
Acq: 20 May 2023 04:02

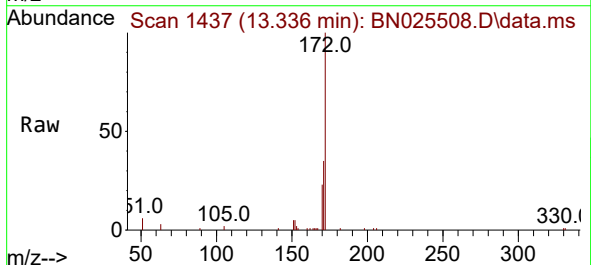
Instrument :
BNA_N
ClientSampleId :
RE120D1-20230516



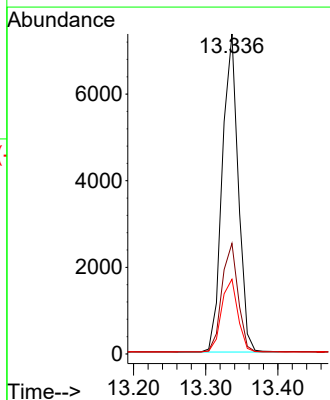
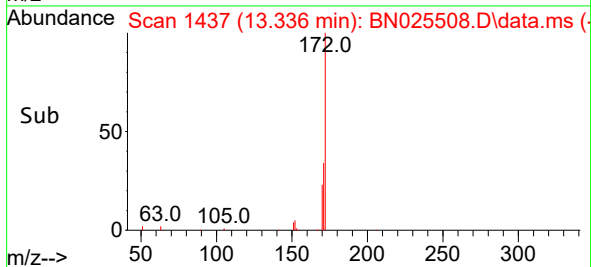
Tgt Ion:330 Resp: 935
Ion Ratio Lower Upper
330 100
332 99.0 76.1 114.1
141 50.5 36.1 54.1

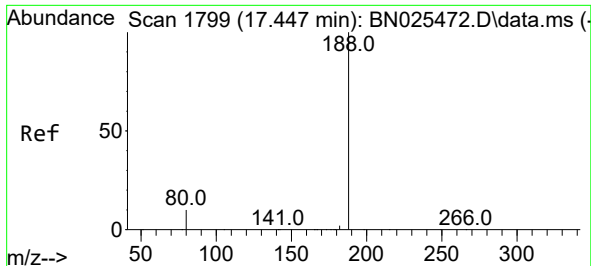


#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.336 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BN025508.D
Acq: 20 May 2023 04:02



Tgt Ion:172 Resp: 11267
Ion Ratio Lower Upper
172 100
171 34.6 27.6 41.4
170 23.3 18.9 28.3

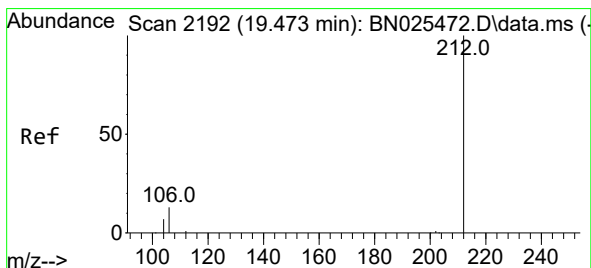
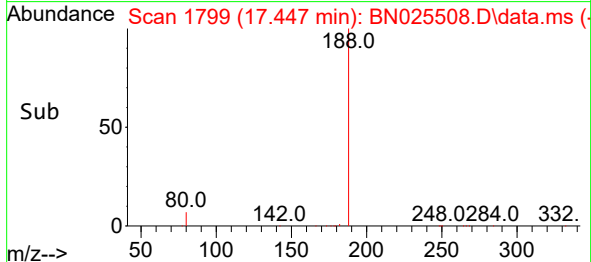
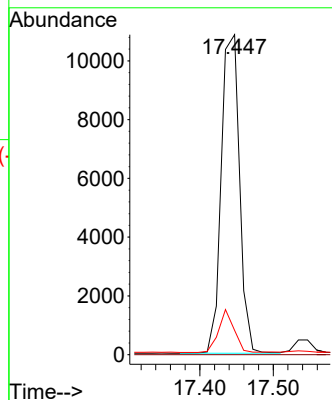
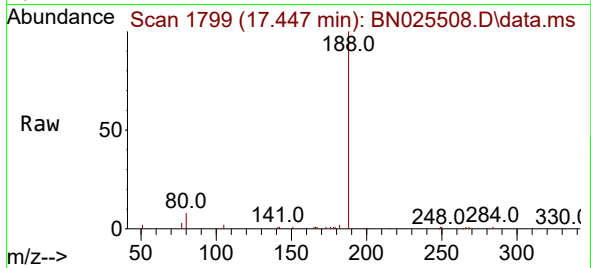




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.447 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025508.D
Acq: 20 May 2023 04:02

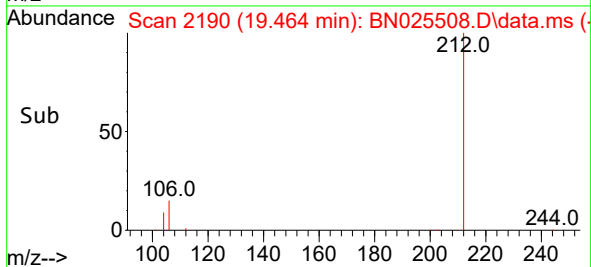
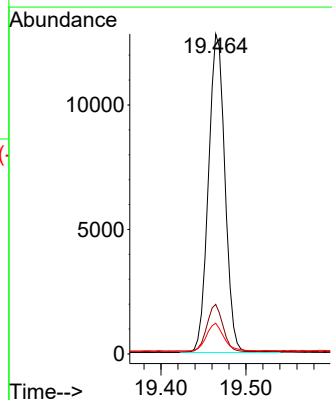
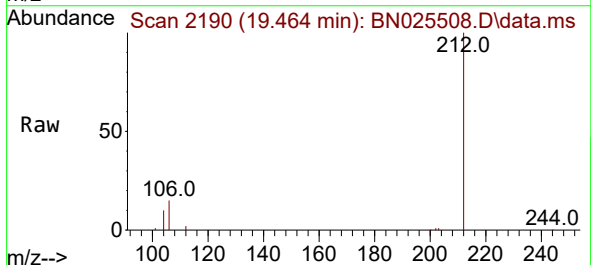
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RE120D1-20230516

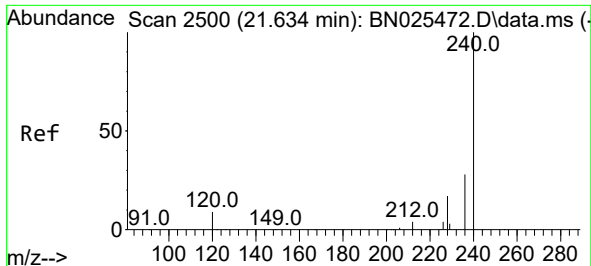
Tgt Ion:188 Resp: 18748
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 8.2 12.4#



#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.464 min Scan# 2190
Delta R.T. -0.009 min
Lab File: BN025508.D
Acq: 20 May 2023 04:02

Tgt Ion:212 Resp: 17302
Ion Ratio Lower Upper
212 100
106 14.5 11.4 17.2
104 9.0 6.6 10.0

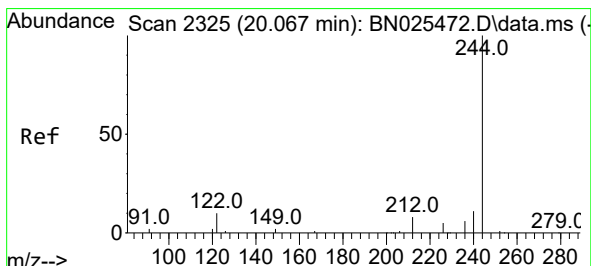
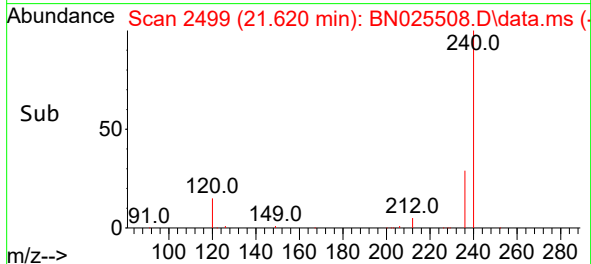
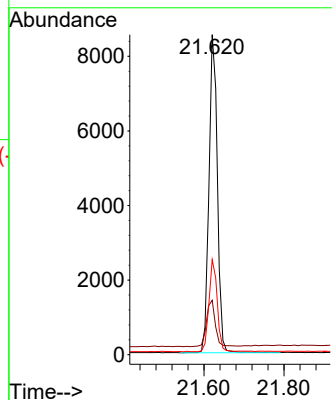
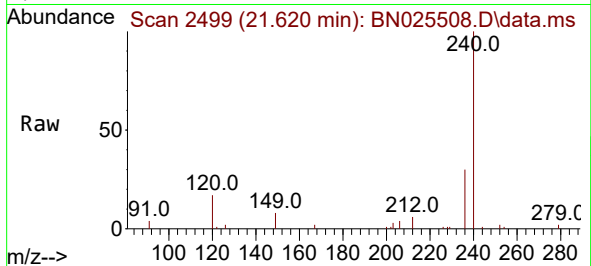




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.620 min Scan# 2499
Delta R.T. -0.014 min
Lab File: BN025508.D
Acq: 20 May 2023 04:02

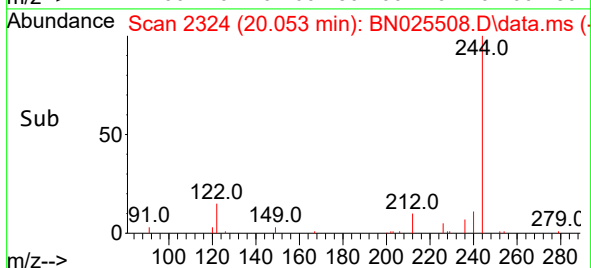
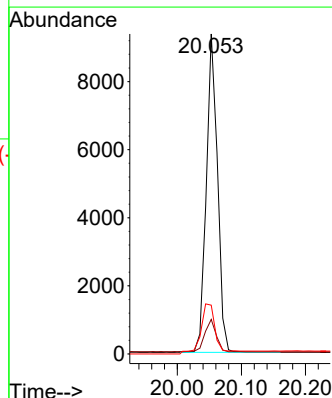
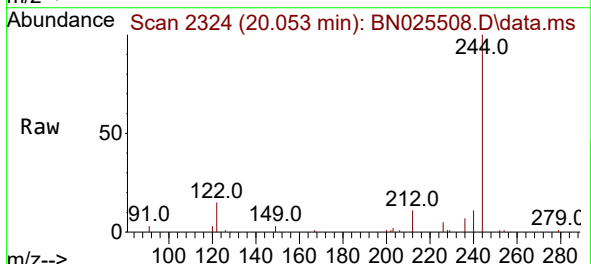
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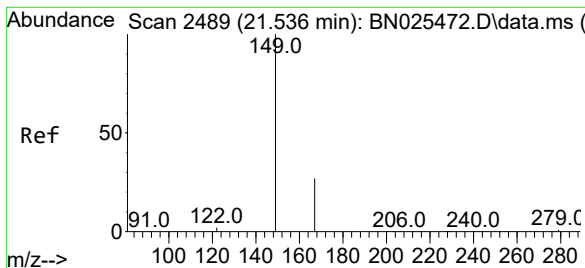
Tgt Ion:240 Resp: 12458
Ion Ratio Lower Upper
240 100
120 17.0 8.6 12.8#
236 29.7 22.7 34.1



#31
Terphenyl-d14
Concen: 0.499 ng
RT: 20.053 min Scan# 2324
Delta R.T. -0.014 min
Lab File: BN025508.D
Acq: 20 May 2023 04:02

Tgt Ion:244 Resp: 11050
Ion Ratio Lower Upper
244 100
212 10.8 6.6 10.0#
122 15.3 8.1 12.1#

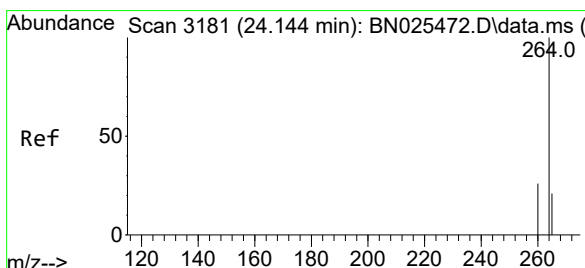
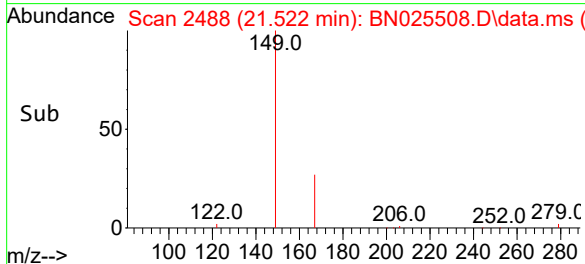
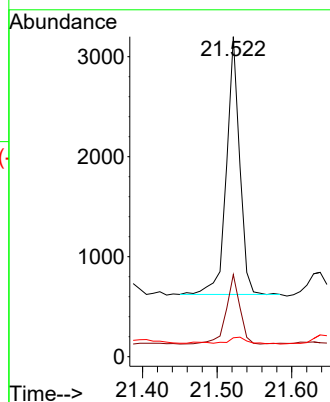
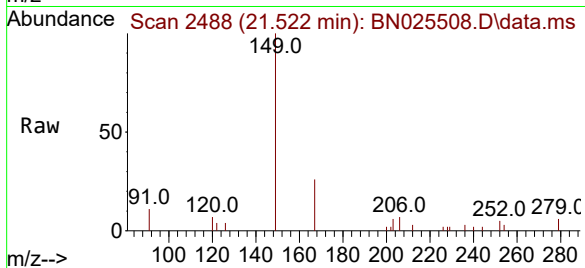




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.120 ng
 RT: 21.522 min Scan# 2488
 Delta R.T. -0.014 min
 Lab File: BN025508.D
 Acq: 20 May 2023 04:02

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20230516

Tgt Ion:149 Resp: 3176
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.0 33.0
 279 3.8 2.6 3.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.136 min Scan# 3178
 Delta R.T. -0.008 min
 Lab File: BN025508.D
 Acq: 20 May 2023 04:02

Tgt Ion:264 Resp: 10045
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.2 31.8
 265 47.7 27.1 40.7#

