

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025673.D
 Acq On : 28 May 2023 09:05
 Operator : CG/JU
 Sample : 02911-19
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20230522

Quant Time: May 29 01:14:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

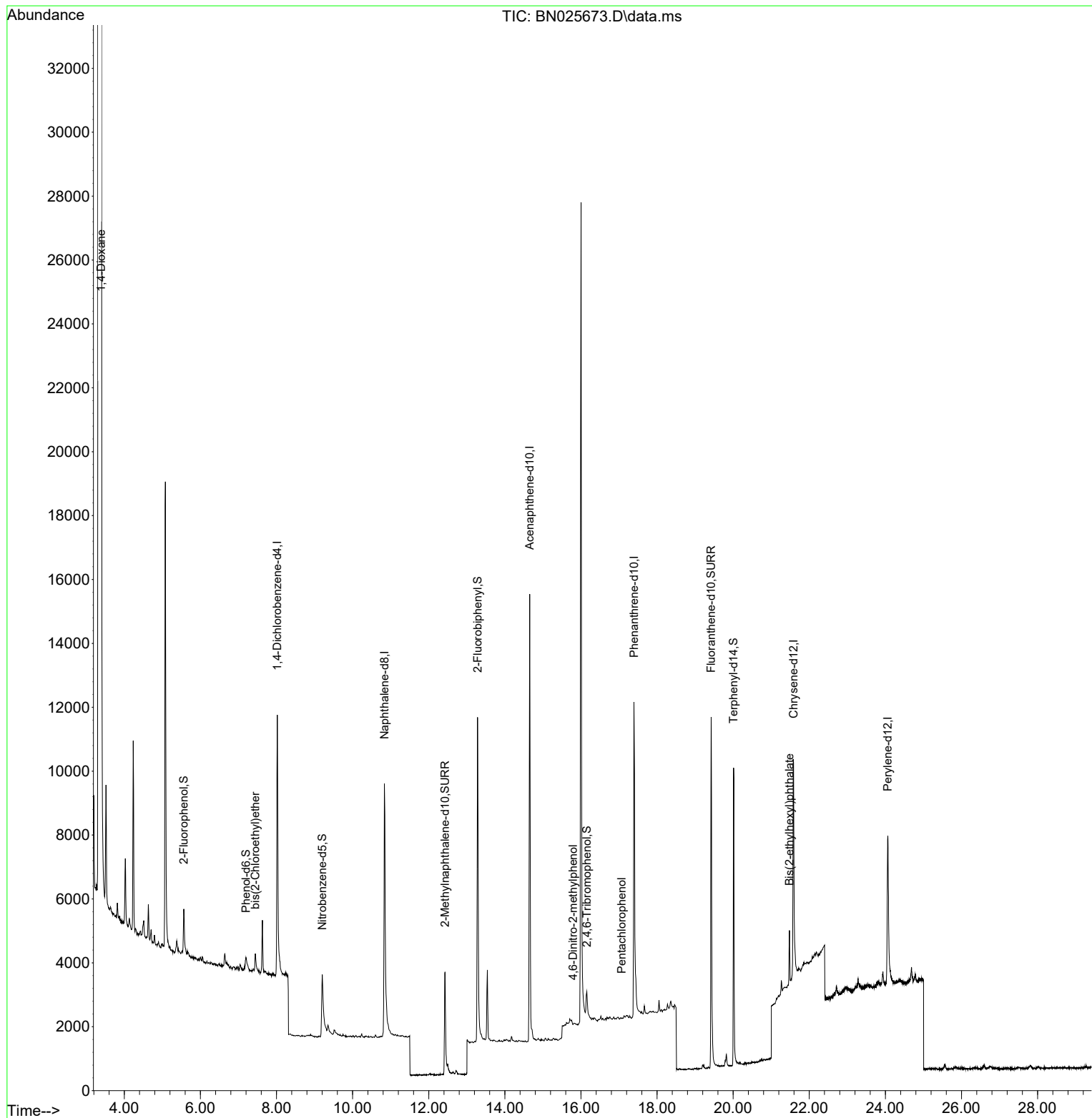
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.020	152	5096	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	14159	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	8396	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	16671	0.400	ng	0.00
29) Chrysene-d12	21.587	240	9207	0.400	ng	0.00
35) Perylene-d12	24.063	264	8401	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1649	0.126	ng	0.00
5) Phenol-d6	7.196	99	852	0.054	ng	0.02
8) Nitrobenzene-d5	9.202	82	3206	0.270	ng	0.01
11) 2-Methylnaphthalene-d10	12.427	152	6340	0.314	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	611	0.360	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	10651	0.307	ng	0.00
27) Fluoranthene-d10	19.421	212	14091	0.373	ng	0.00
31) Terphenyl-d14	20.011	244	9909	0.492	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	49185	8.334	ng	Qvalue 98
6) bis(2-Chloroethyl)ether	7.442	93	714	0.044	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.792	198	3	0.115	ng	# 1
24) Pentachlorophenol	17.071	266	13	0.378	ng	# 48
34) Bis(2-ethylhexyl)phtha...	21.480	149	1714	0.082	ng	# 98

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

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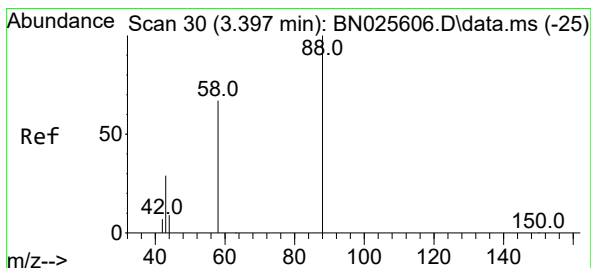
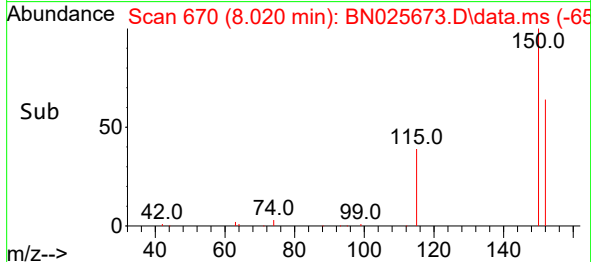
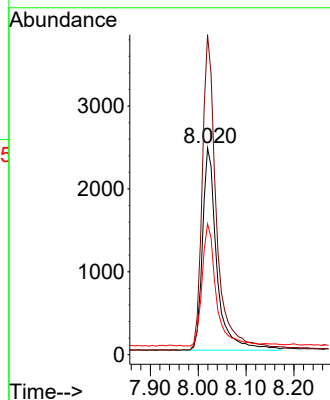
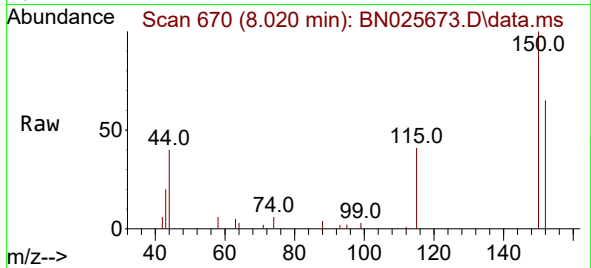




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.020 min Scan# 6
 Delta R.T. 0.001 min
 Lab File: BN025673.D
 Acq: 28 May 2023 09:05

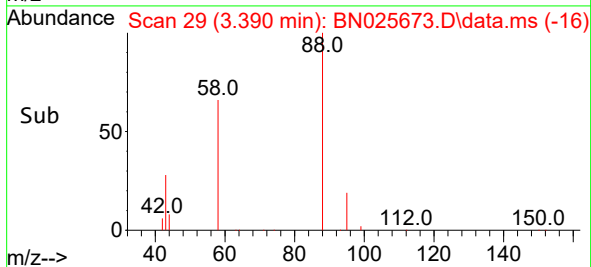
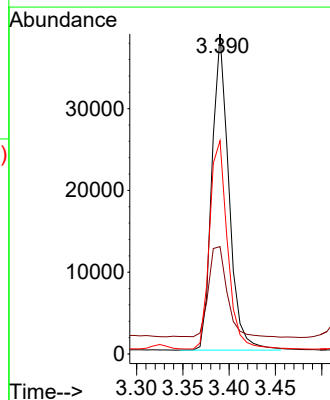
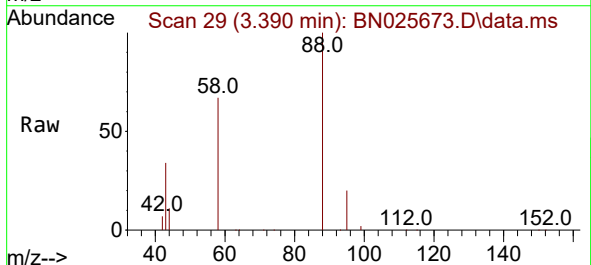
Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20230522

Tgt Ion:152 Resp: 5096
 Ion Ratio Lower Upper
 152 100
 150 154.7 121.0 181.6
 115 63.2 48.5 72.7



#2
 1,4-Dioxane
 Concen: 8.334 ng
 RT: 3.390 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN025673.D
 Acq: 28 May 2023 09:05

Tgt Ion: 88 Resp: 49185
 Ion Ratio Lower Upper
 88 100
 43 31.5 26.5 39.7
 58 69.8 56.8 85.2

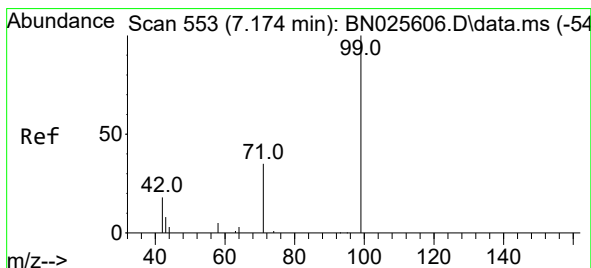
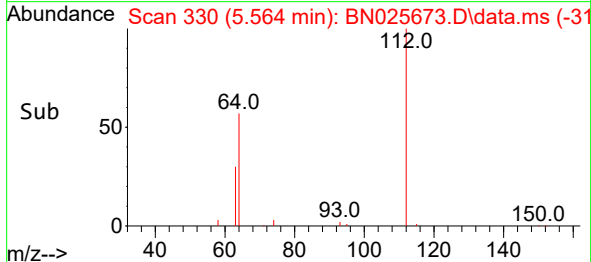
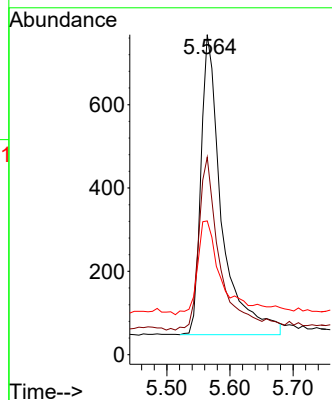
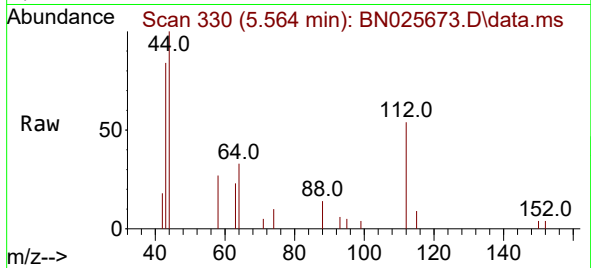




#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025673.D
Acq: 28 May 2023 09:05

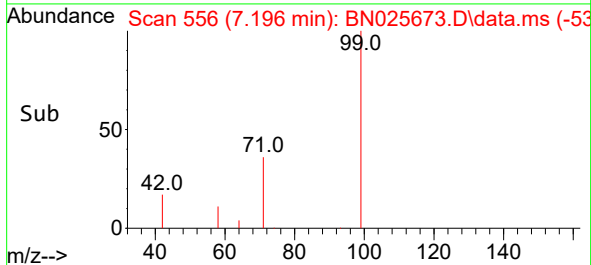
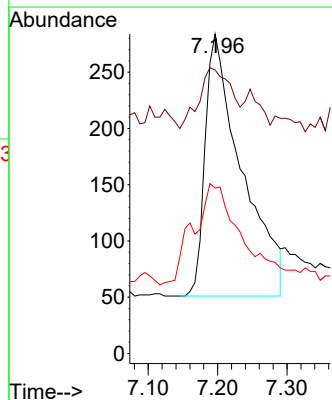
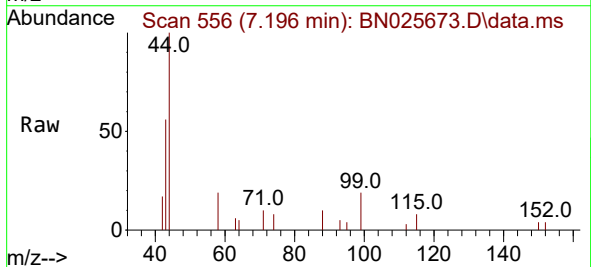
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ClientSampleId :
RE115D2-20230522

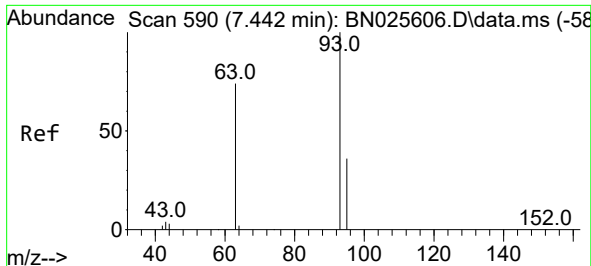
Tgt Ion:112 Resp: 1649
Ion Ratio Lower Upper
112 100
64 57.1 45.7 68.5
63 34.0 26.2 39.2



#5
Phenol-d6
Concen: 0.054 ng
RT: 7.196 min Scan# 556
Delta R.T. 0.022 min
Lab File: BN025673.D
Acq: 28 May 2023 09:05

Tgt Ion: 99 Resp: 852
Ion Ratio Lower Upper
99 100
42 20.0 17.1 25.7
71 33.6 29.3 43.9

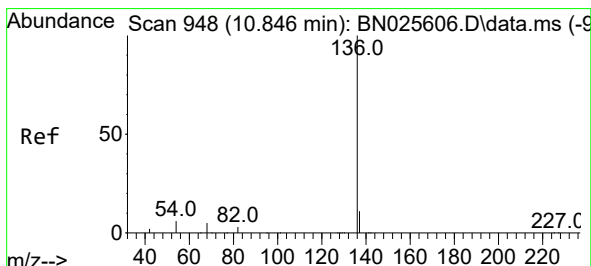
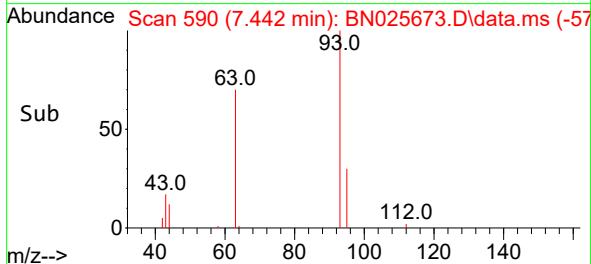
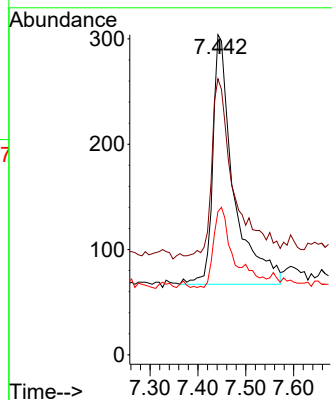
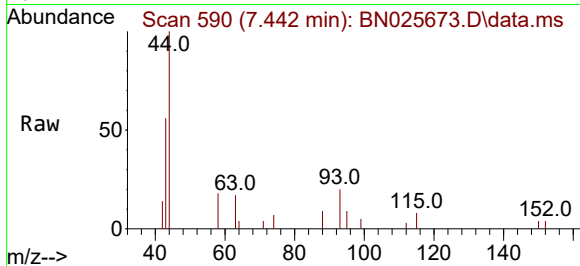




#6
bis(2-Chloroethyl)ether
Concen: 0.044 ng
RT: 7.442 min Scan# 590
Delta R.T. 0.007 min
Lab File: BN025673.D
Acq: 28 May 2023 09:05

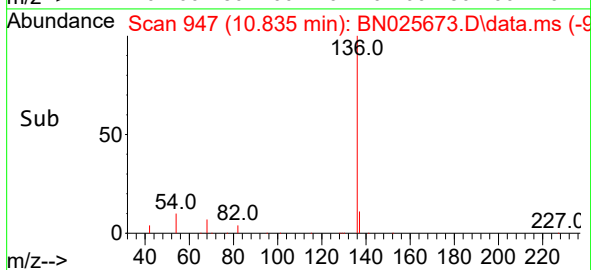
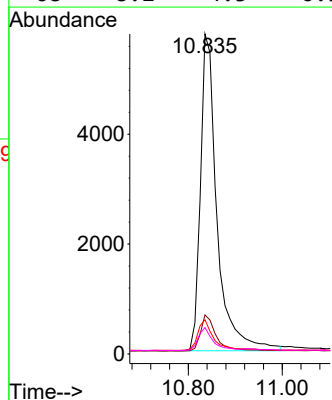
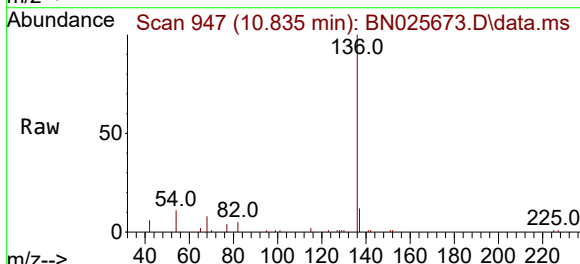
Instrument :
BNA_N
ClientSampleId :
RE115D2-20230522

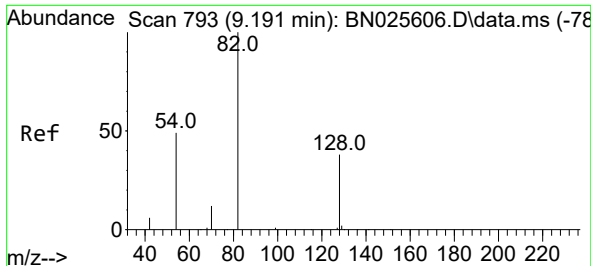
Tgt Ion: 93 Resp: 714
Ion Ratio Lower Upper
93 100
63 75.1 49.1 73.7#
95 31.5 22.6 33.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 947
Delta R.T. 0.000 min
Lab File: BN025673.D
Acq: 28 May 2023 09:05

Tgt Ion: 136 Resp: 14159
Ion Ratio Lower Upper
136 100
137 12.2 9.1 13.7
54 10.7 5.4 8.0#
68 8.2 4.3 6.5#

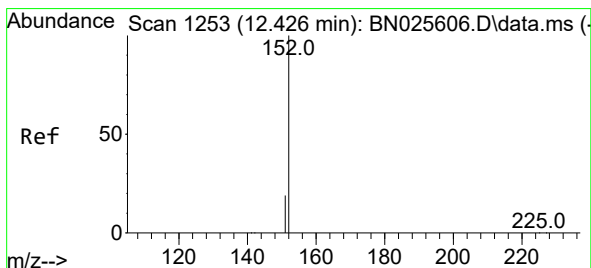
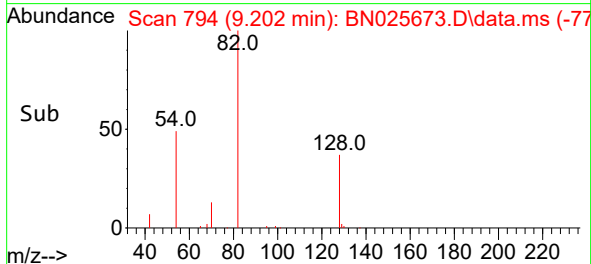
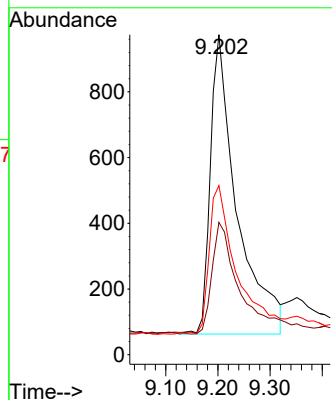
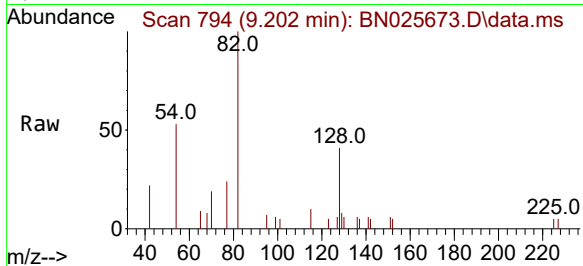




#8
Nitrobenzene-d5
Concen: 0.270 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025673.D
Acq: 28 May 2023 09:05

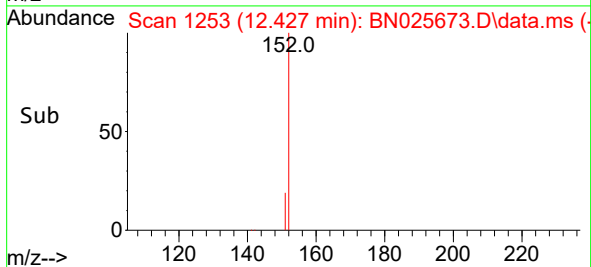
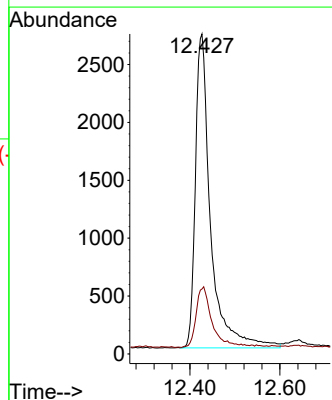
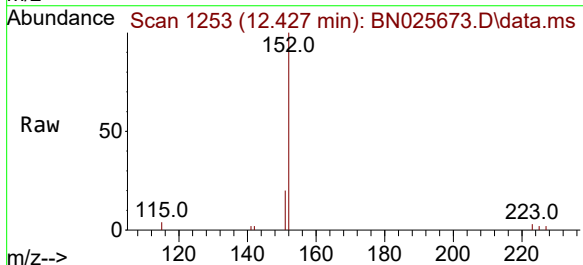
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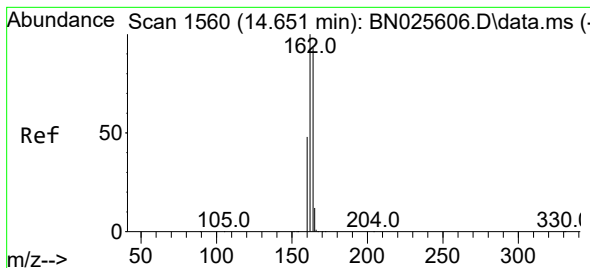
Tgt Ion: 82 Resp: 3206
Ion Ratio Lower Upper
82 100
128 41.4 32.5 48.7
54 52.9 40.6 60.8



#11
2-Methylnaphthalene-d10
Concen: 0.314 ng
RT: 12.427 min Scan# 1253
Delta R.T. 0.004 min
Lab File: BN025673.D
Acq: 28 May 2023 09:05

Tgt Ion:152 Resp: 6340
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.651 min Scan# 1560

Delta R.T. 0.000 min

Lab File: BN025673.D

Acq: 28 May 2023 09:05

Instrument :

BNA_N

ClientSampleId :

RE115D2-20230522

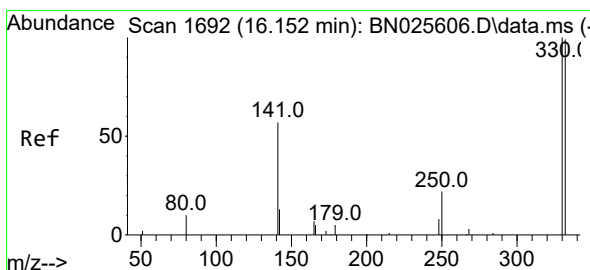
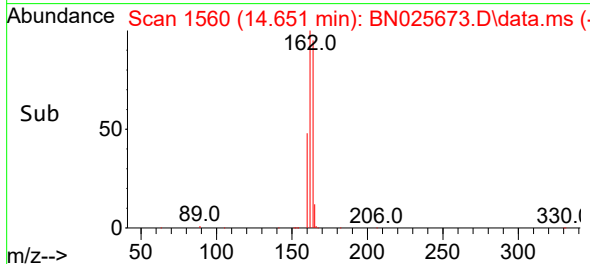
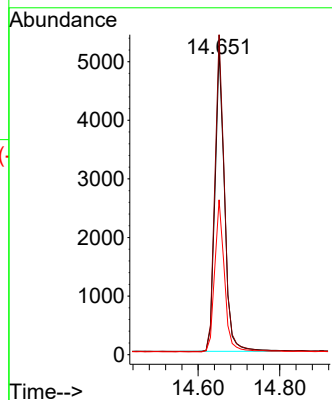
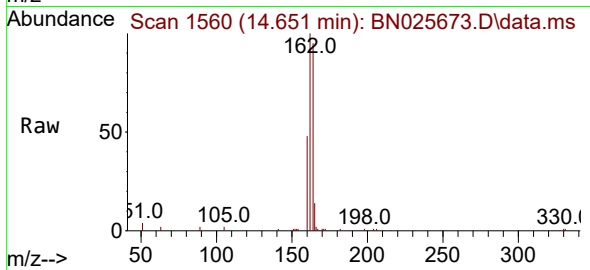
Tgt Ion:164 Resp: 8396

Ion Ratio Lower Upper

164 100

162 104.8 86.4 129.6

160 50.7 41.9 62.9



#14

2,4,6-Tribromophenol

Concen: 0.360 ng

RT: 16.152 min Scan# 1692

Delta R.T. 0.000 min

Lab File: BN025673.D

Acq: 28 May 2023 09:05

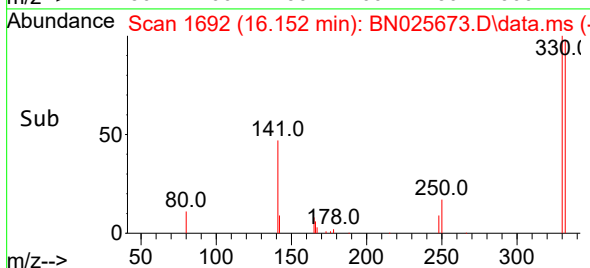
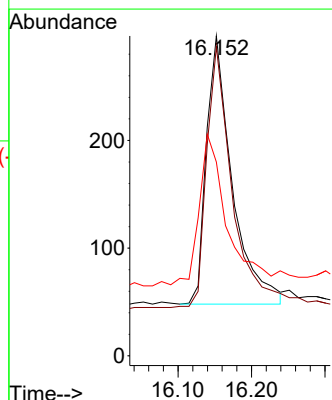
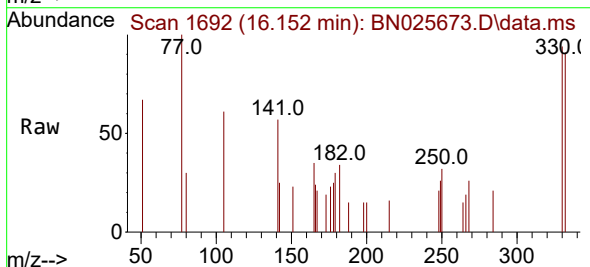
Tgt Ion:330 Resp: 611

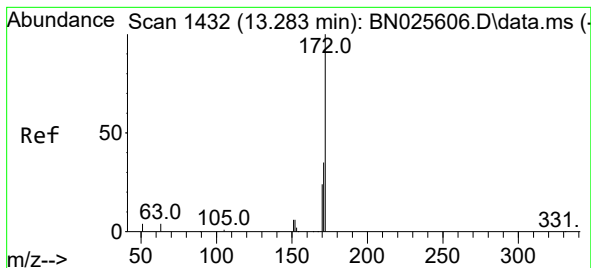
Ion Ratio Lower Upper

330 100

332 96.7 80.0 120.0

141 61.5 45.8 68.6

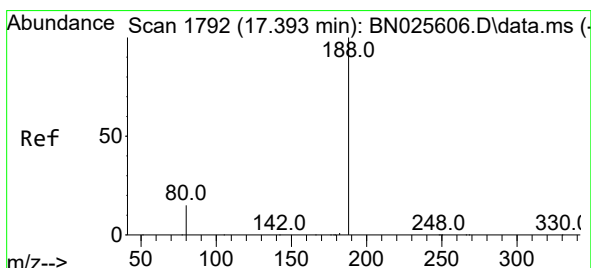
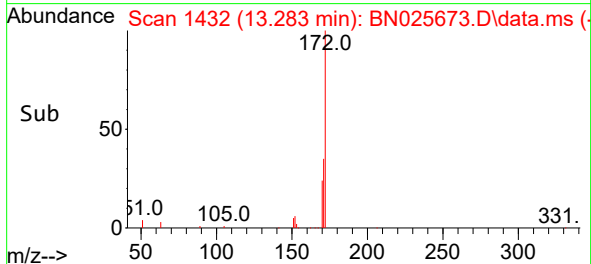
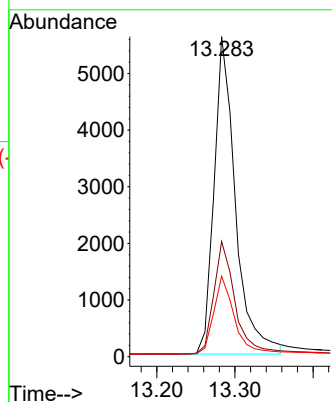
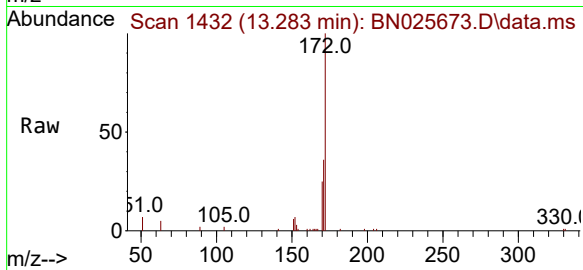




#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 13.283 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BN025673.D
Acq: 28 May 2023 09:05

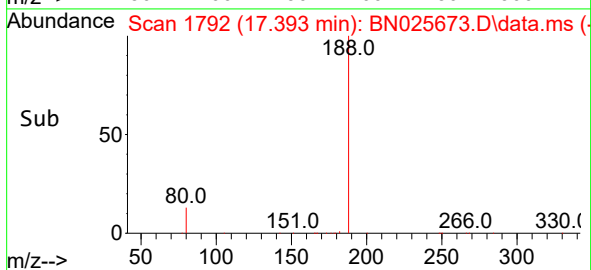
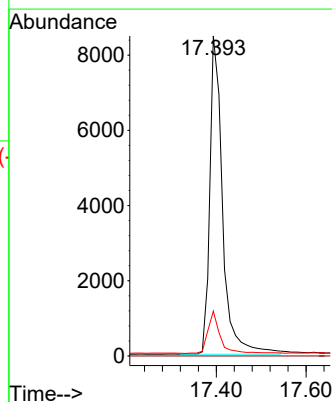
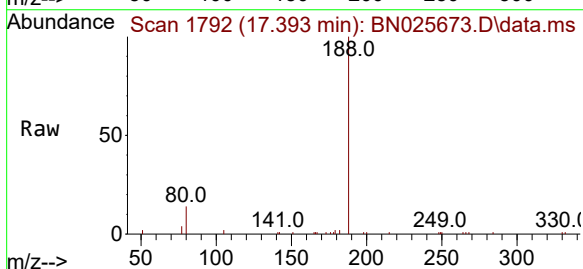
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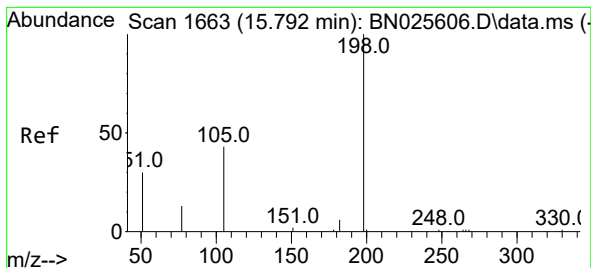
Tgt Ion:172 Resp: 10651
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 25.1 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BN025673.D
Acq: 28 May 2023 09:05

Tgt Ion:188 Resp: 16671
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 12.2 18.2

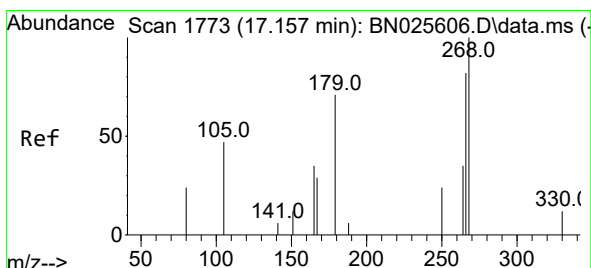
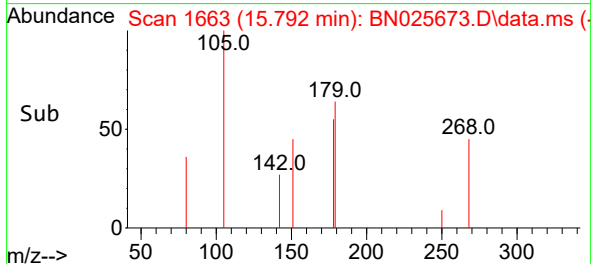
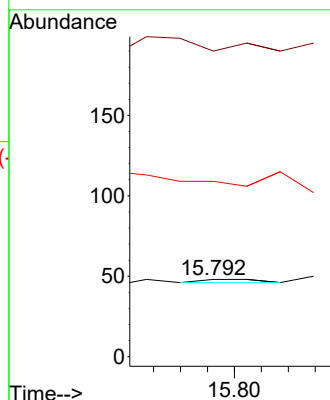
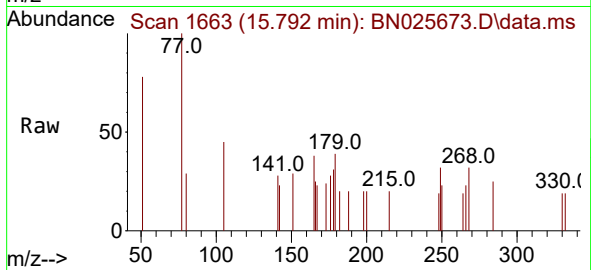




#20
4,6-Dinitro-2-methylphenol
Concen: 0.115 ng
RT: 15.792 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BN025673.D
Acq: 28 May 2023 09:05

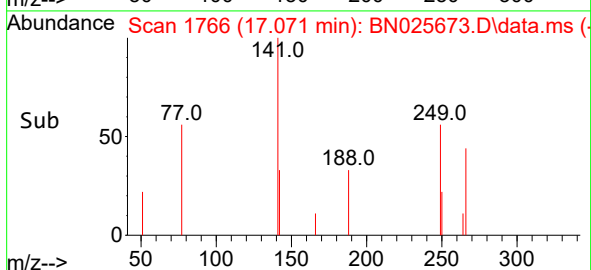
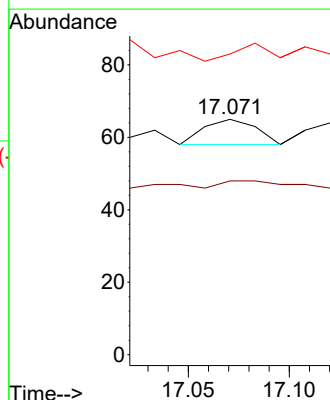
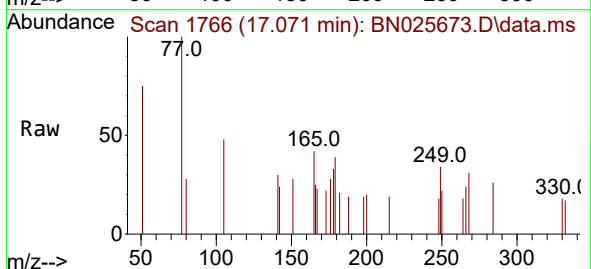
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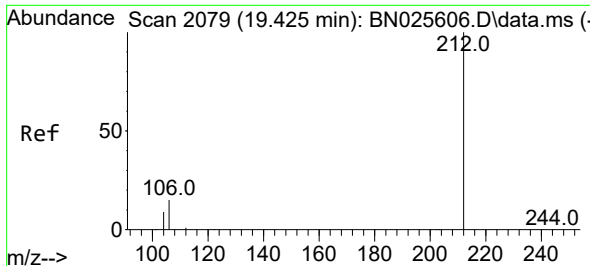
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 395.8 110.8 166.2#
105 227.1 61.9 92.9#



#24
Pentachlorophenol
Concen: 0.378 ng
RT: 17.071 min Scan# 1766
Delta R.T. 0.000 min
Lab File: BN025673.D
Acq: 28 May 2023 09:05

Tgt Ion:266 Resp: 13
Ion Ratio Lower Upper
266 100
264 30.8 60.0 90.0#
268 46.2 0.0 0.0#

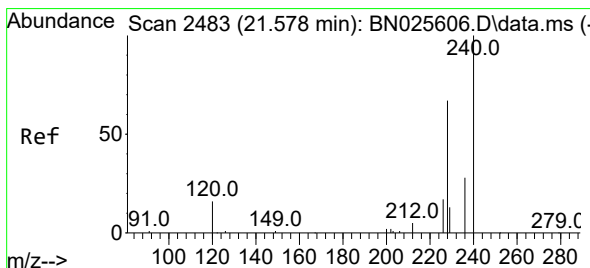
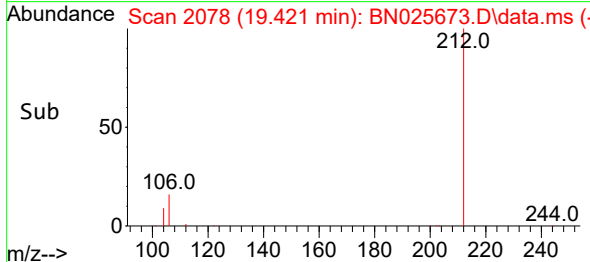
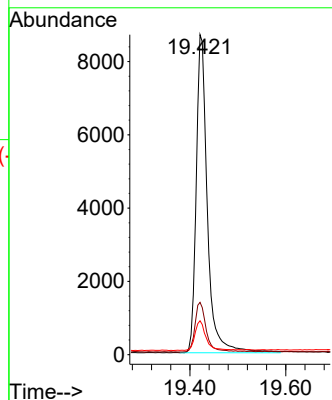
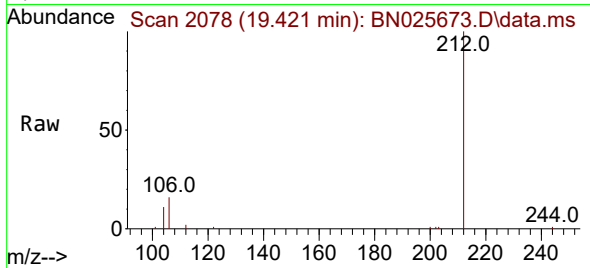




#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.421 min Scan# 2078
Delta R.T. 0.000 min
Lab File: BN025673.D
Acq: 28 May 2023 09:05

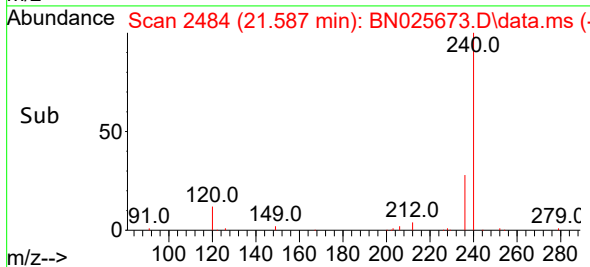
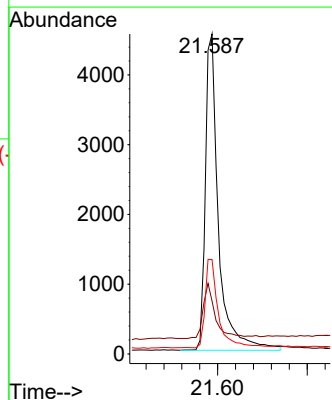
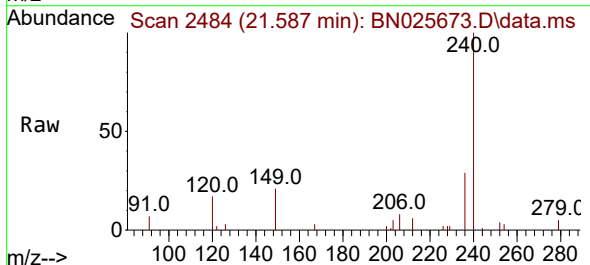
Instrument :
BNA_N
ClientSampleId :
RE115D2-20230522

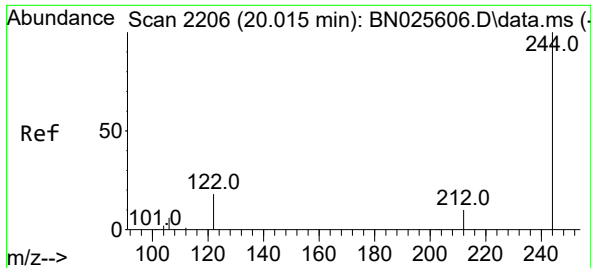
Tgt Ion:212 Resp: 14091
Ion Ratio Lower Upper
212 100
106 15.6 12.3 18.5
104 9.1 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN025673.D
Acq: 28 May 2023 09:05

Tgt Ion:240 Resp: 9207
Ion Ratio Lower Upper
240 100
120 16.6 15.4 23.0
236 29.5 23.2 34.8

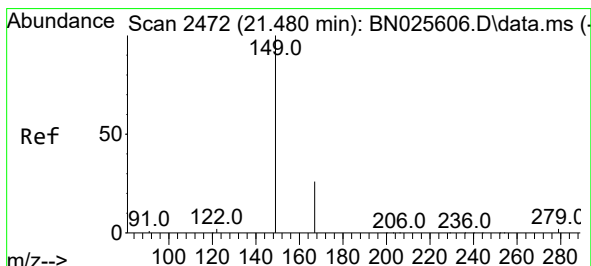
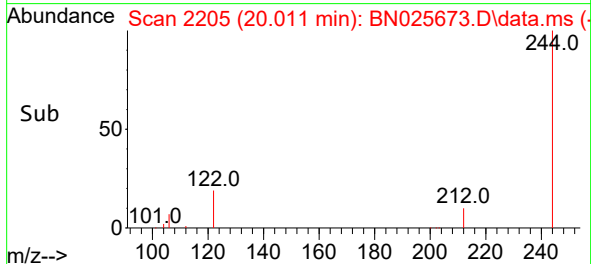
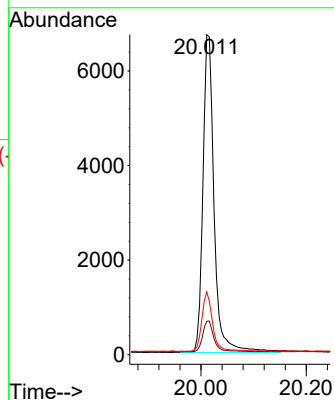
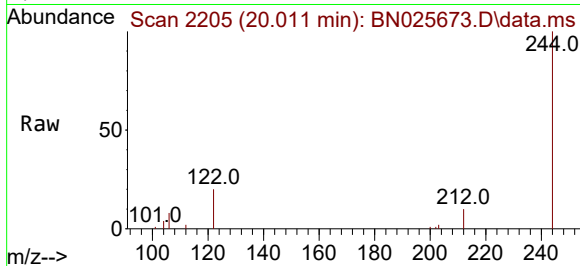




#31
 Terphenyl-d14
 Concen: 0.492 ng
 RT: 20.011 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN025673.D
 Acq: 28 May 2023 09:05

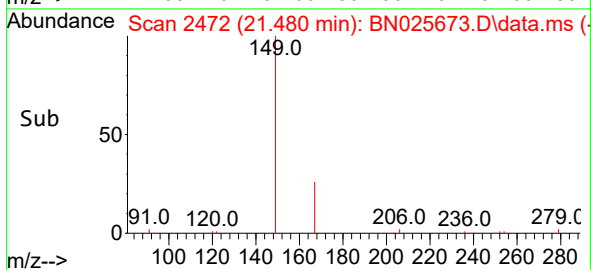
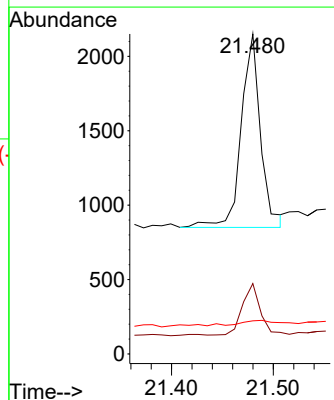
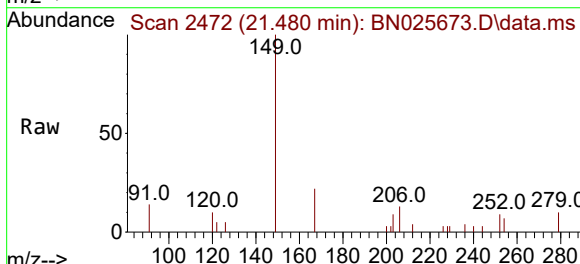
Instrument :
 BNA_N
 ClientSampleId :
 RE115D2-20230522

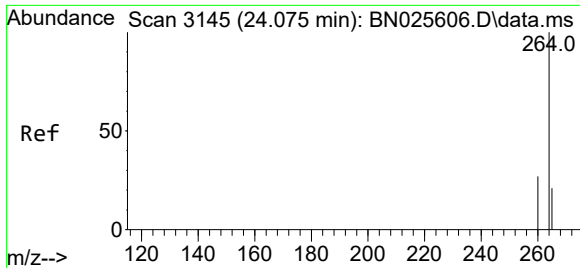
Tgt Ion:244 Resp: 9909
 Ion Ratio Lower Upper
 244 100
 212 10.5 8.5 12.7
 122 19.6 14.9 22.3



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.480 min Scan# 2472
 Delta R.T. 0.009 min
 Lab File: BN025673.D
 Acq: 28 May 2023 09:05

Tgt Ion:149 Resp: 1714
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.4 30.6
 279 6.2 3.3 4.9#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.063 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN025673.D

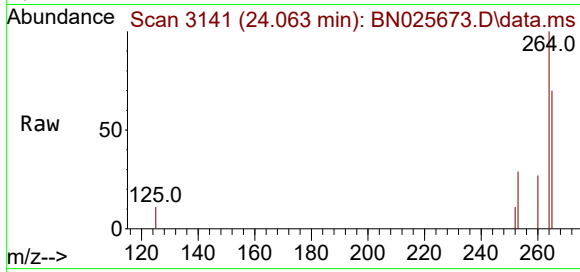
Acq: 28 May 2023 09:05

Instrument :

BNA_N

ClientSampleId :

RE115D2-20230522



Tgt Ion:264 Resp: 8401

Ion Ratio Lower Upper

264 100

260 27.5 22.3 33.5

265 69.8 54.3 81.5

