

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025613.D
 Acq On : 26 May 2023 17:42
 Operator : CG/JU
 Sample : PB153051BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB153051BL

Quant Time: May 27 04:16:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 27 03:51:06 2023
 Response via : Initial Calibration

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

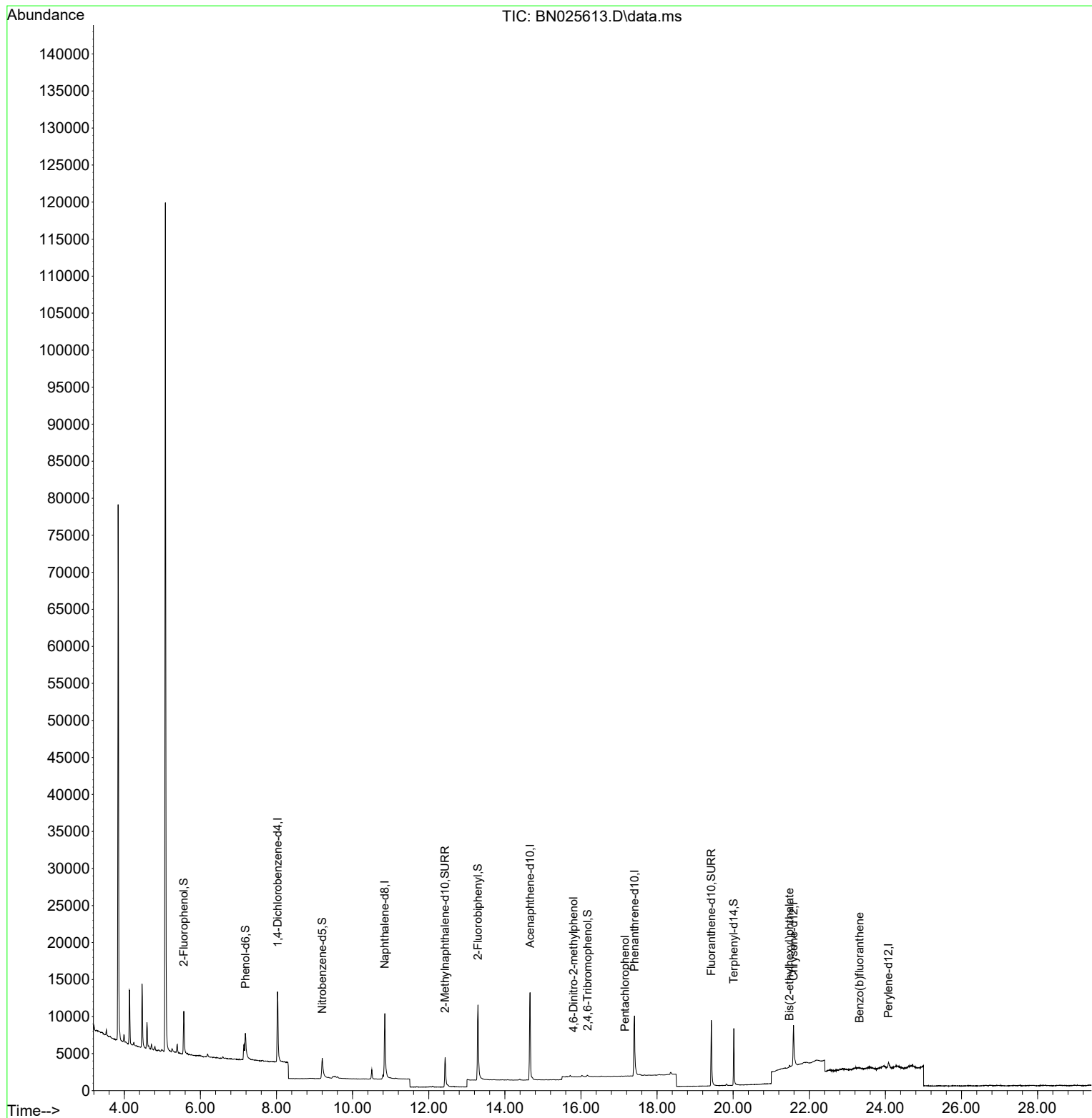
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.027	152	5661	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	14820	0.400	ng	# 0.00
13) Acenaphthene-d10	14.662	164	7607	0.400	ng	0.01
19) Phenanthrene-d10	17.406	188	14631	0.400	ng	# 0.01
29) Chrysene-d12	21.587	240	6655	0.400	ng	0.00
35) Perylene-d12	24.081	264	1609	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	5334	0.368	ng	0.00
5) Phenol-d6	7.182	99	5309	0.305	ng	0.00
8) Nitrobenzene-d5	9.202	82	3894	0.314	ng	0.01
11) 2-Methylnaphthalene-d10	12.430	152	7508	0.355	ng	0.00
14) 2,4,6-Tribromophenol	16.177	330	183	0.119	ng	0.02
15) 2-Fluorobiphenyl	13.294	172	11501	0.366	ng	0.01
27) Fluoranthene-d10	19.426	212	11031	0.333	ng	0.00
31) Terphenyl-d14	20.015	244	8149	0.559	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.804	198	4	0.115	ng	# 1
24) Pentachlorophenol	17.157	266	17	0.384	ng	# 46
34) Bis(2-ethylhexyl)phtha...	21.480	149	471	0.031	ng	# 84
37) Benzo(b)fluoranthene	23.320	252	221	0.036	ng	# 1

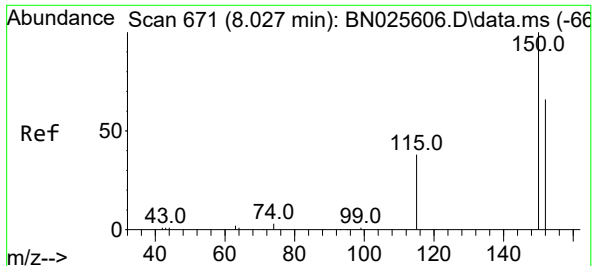
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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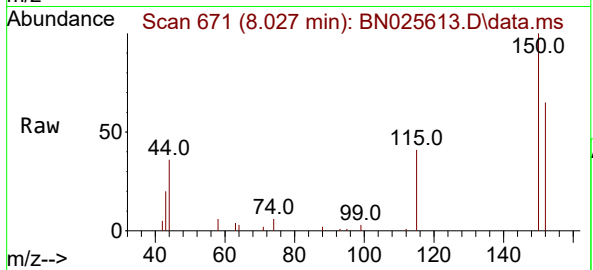
Quant Time: May 27 04:16:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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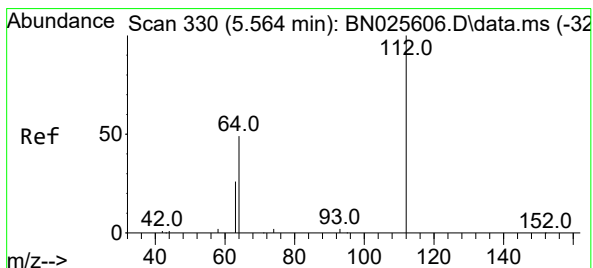
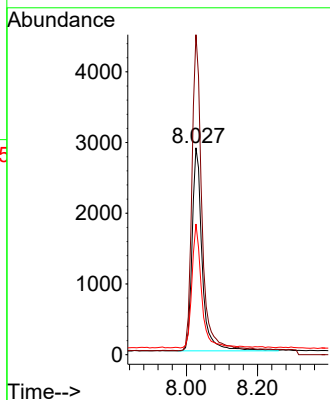
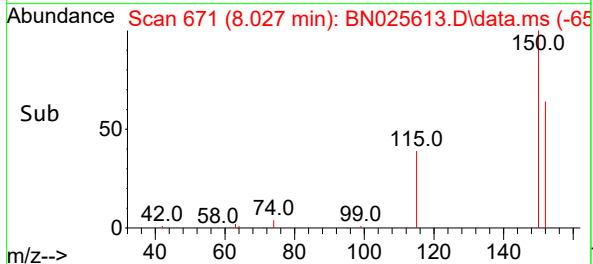


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.027 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025613.D
Acq: 26 May 2023 17:42

Instrument :
BNA_N
ClientSampleId :
PB153051BL

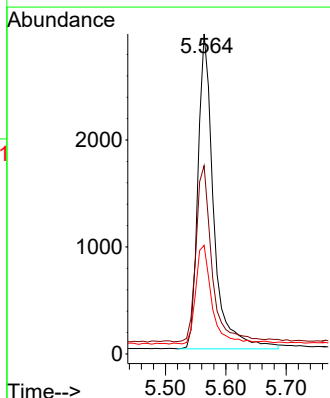
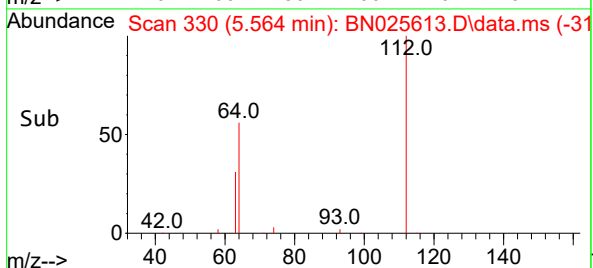
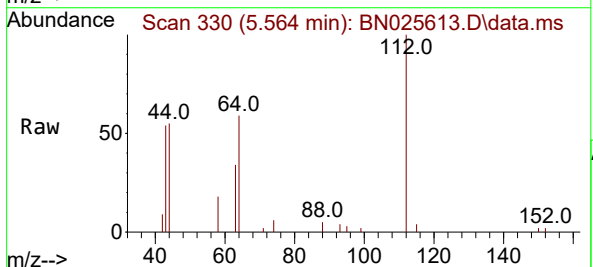


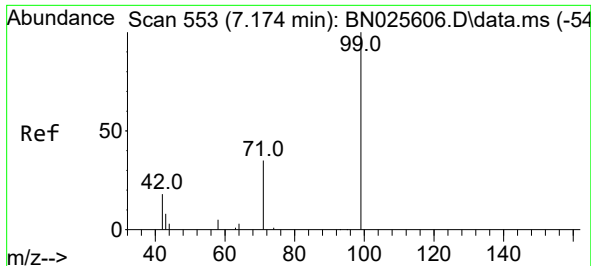
Tgt Ion:152 Resp: 5661
Ion Ratio Lower Upper
152 100
150 154.7 121.0 181.6
115 63.2 48.5 72.7



#4
2-Fluorophenol
Concen: 0.368 ng
RT: 5.564 min Scan# 330
Delta R.T. 0.000 min
Lab File: BN025613.D
Acq: 26 May 2023 17:42

Tgt Ion:112 Resp: 5334
Ion Ratio Lower Upper
112 100
64 56.1 45.7 68.5
63 32.3 26.2 39.2

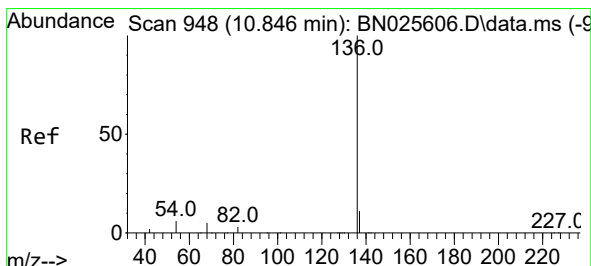
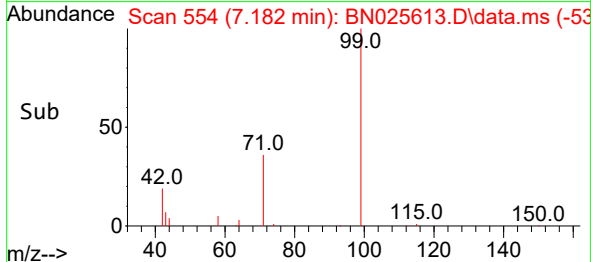
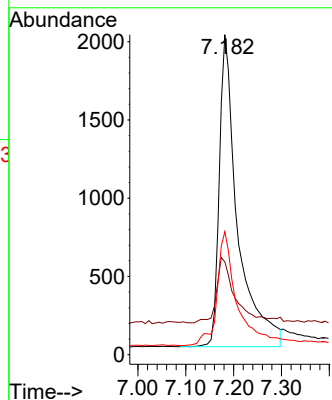
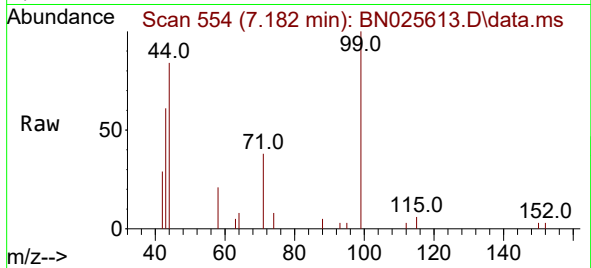




#5
Phenol-d6
Concen: 0.305 ng
RT: 7.182 min Scan# 511
Delta R.T. 0.007 min
Lab File: BN025613.D
Acq: 26 May 2023 17:42

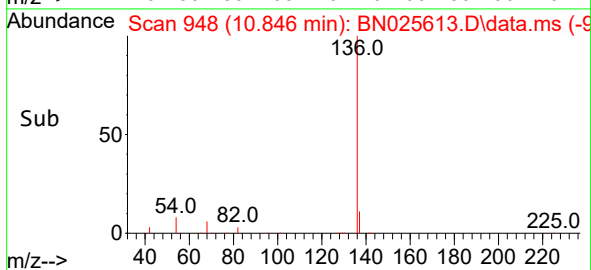
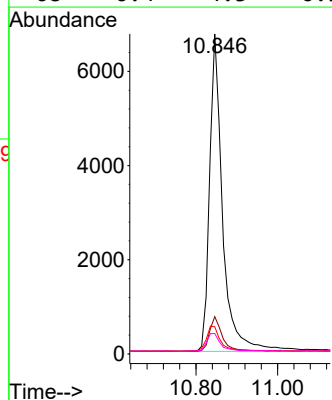
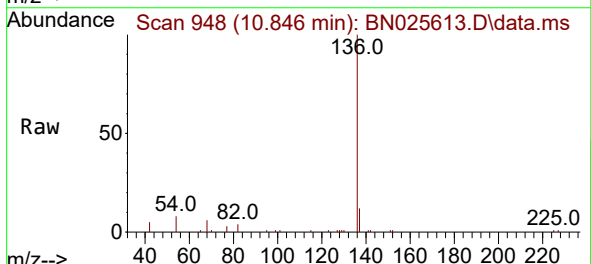
Instrument :
BNA_N
ClientSampleId :
PB153051BL

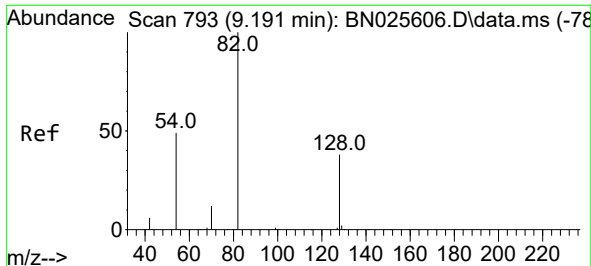
Tgt Ion: 99 Resp: 5309
Ion Ratio Lower Upper
99 100
42 20.7 17.1 25.7
71 39.5 29.3 43.9



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN025613.D
Acq: 26 May 2023 17:42

Tgt Ion: 136 Resp: 14820
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 8.5 5.4 8.0#
68 6.4 4.3 6.5

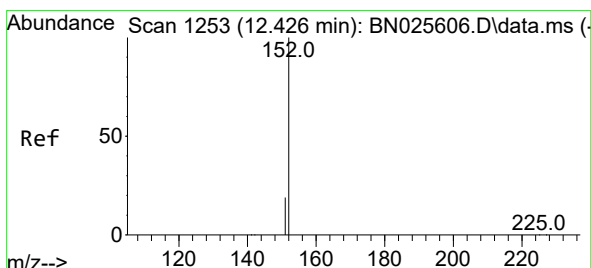
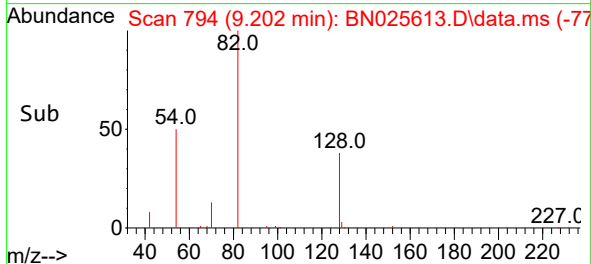
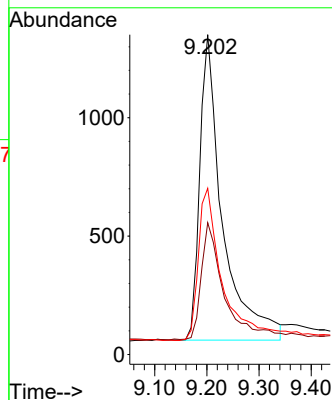
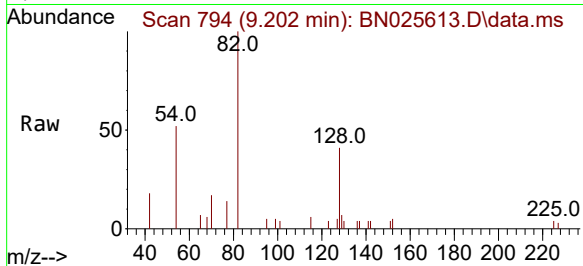




#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025613.D
Acq: 26 May 2023 17:42

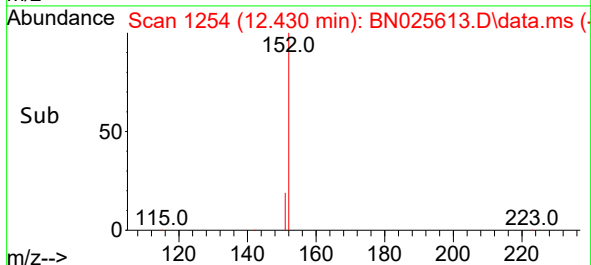
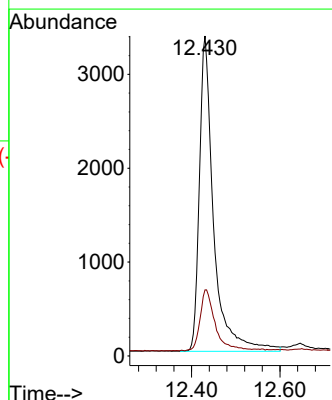
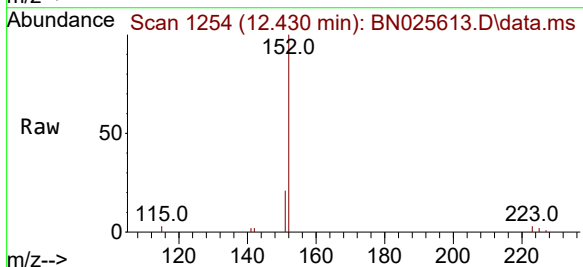
Instrument :
BNA_N
ClientSampleId :
PB153051BL

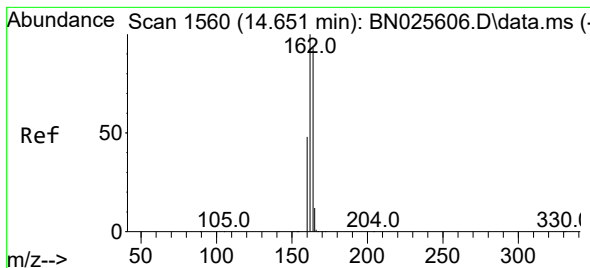
Tgt Ion: 82 Resp: 3894
Ion Ratio Lower Upper
82 100
128 41.2 32.5 48.7
54 52.0 40.6 60.8



#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.430 min Scan# 1254
Delta R.T. 0.004 min
Lab File: BN025613.D
Acq: 26 May 2023 17:42

Tgt Ion: 152 Resp: 7508
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.662 min Scan# 1561

Delta R.T. 0.011 min

Lab File: BN025613.D

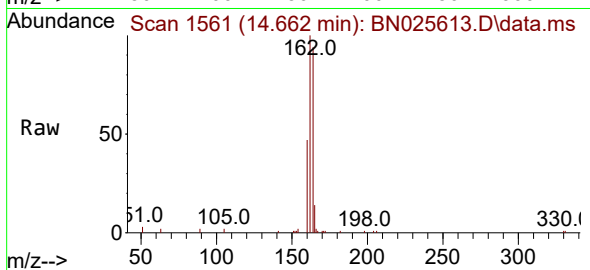
Acq: 26 May 2023 17:42

Instrument :

BNA_N

ClientSampleId :

PB153051BL



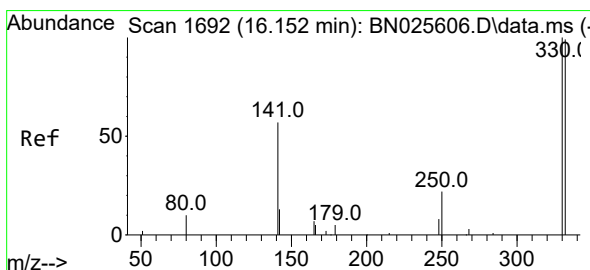
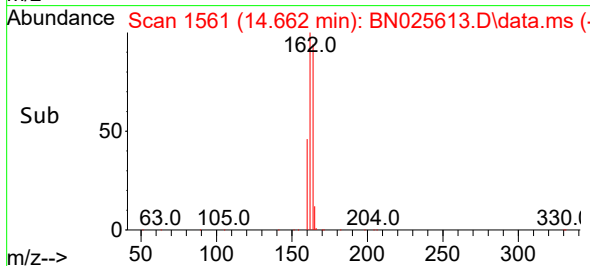
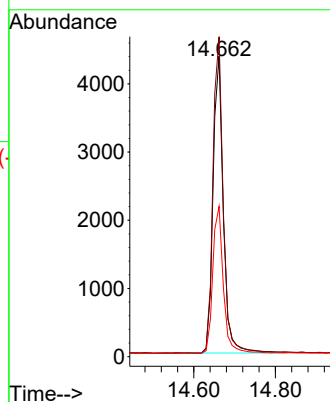
Tgt Ion:164 Resp: 7607

Ion Ratio Lower Upper

164 100

162 106.4 86.4 129.6

160 50.0 41.9 62.9



#14

2,4,6-Tribromophenol

Concen: 0.119 ng

RT: 16.177 min Scan# 1694

Delta R.T. 0.025 min

Lab File: BN025613.D

Acq: 26 May 2023 17:42

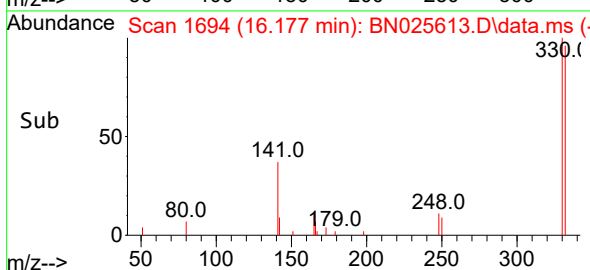
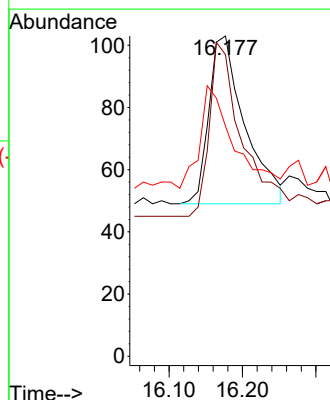
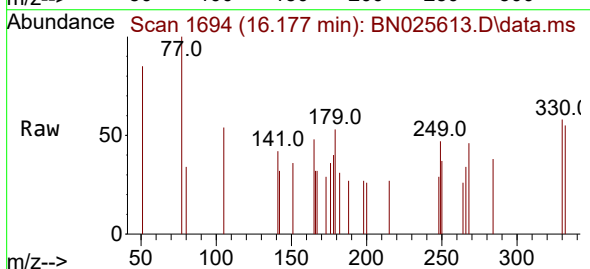
Tgt Ion:330 Resp: 183

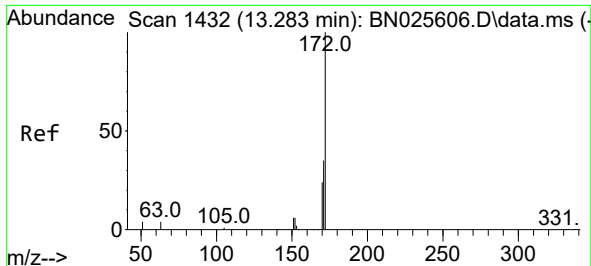
Ion Ratio Lower Upper

330 100

332 97.8 80.0 120.0

141 0.0 45.8 68.6#

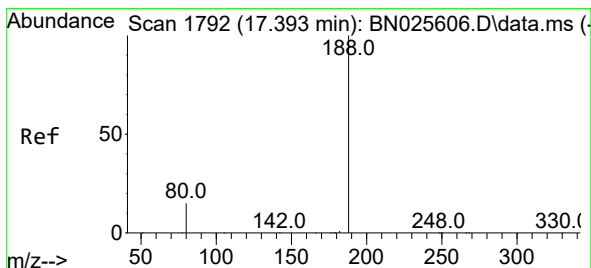
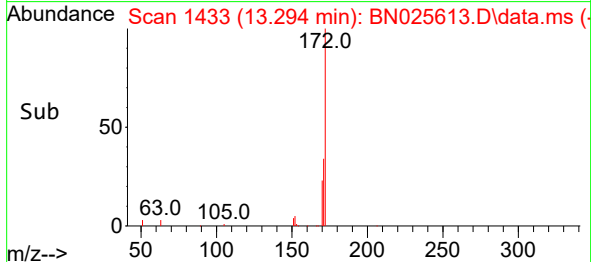
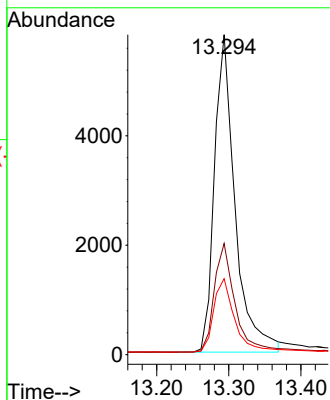
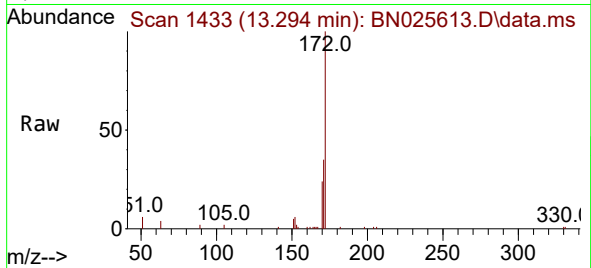




#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.294 min Scan# 1432
Delta R.T. 0.011 min
Lab File: BN025613.D
Acq: 26 May 2023 17:42

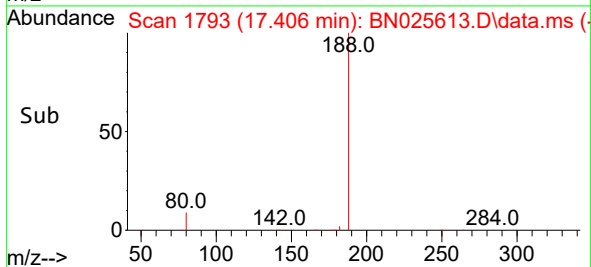
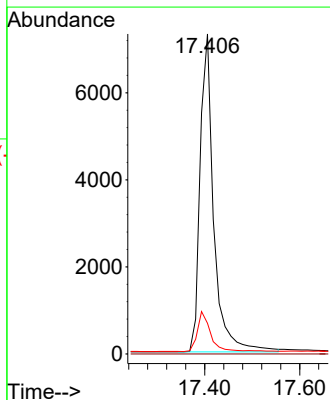
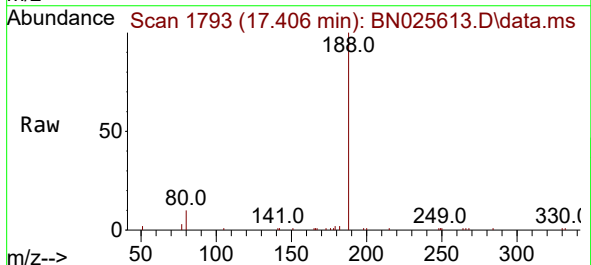
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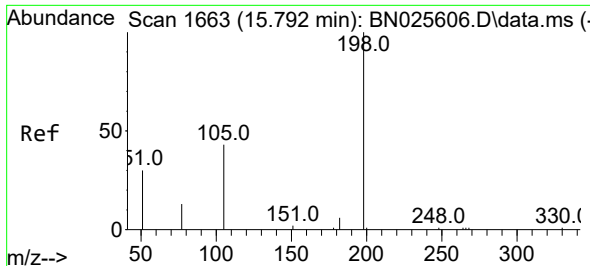
Tgt Ion:172 Resp: 11501
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.8 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.406 min Scan# 1793
Delta R.T. 0.012 min
Lab File: BN025613.D
Acq: 26 May 2023 17:42

Tgt Ion:188 Resp: 14631
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 12.2 18.2#

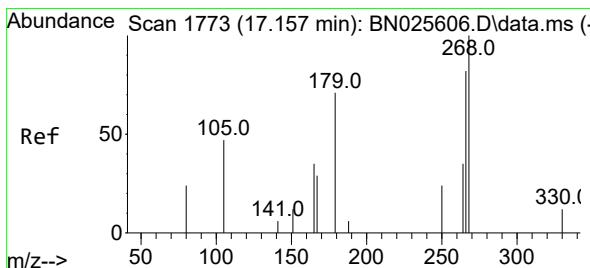
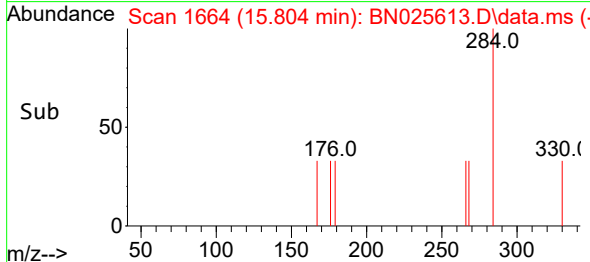
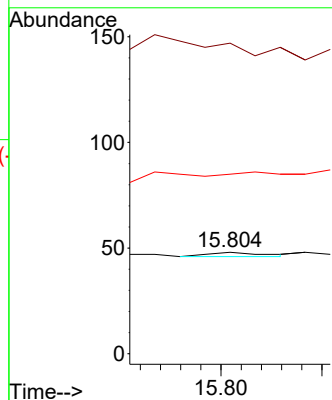
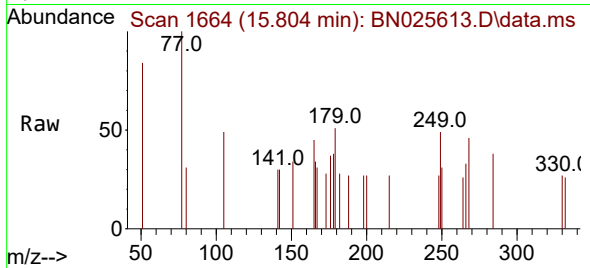




#20
4,6-Dinitro-2-methylphenol
Concen: 0.115 ng
RT: 15.804 min Scan# 1664
Delta R.T. 0.012 min
Lab File: BN025613.D
Acq: 26 May 2023 17:42

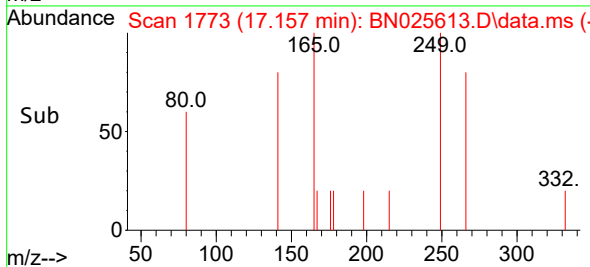
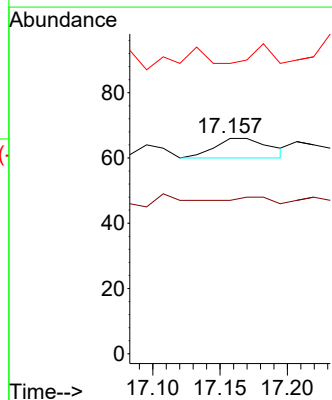
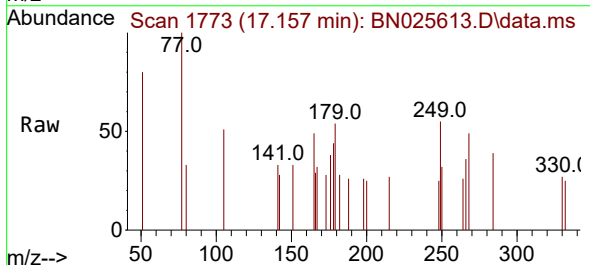
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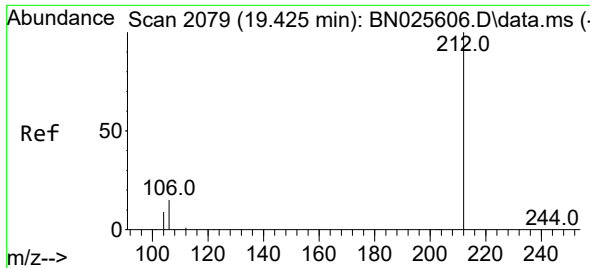
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 306.3 110.8 166.2#
105 177.1 61.9 92.9#



#24
Pentachlorophenol
Concen: 0.384 ng
RT: 17.157 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BN025613.D
Acq: 26 May 2023 17:42

Tgt Ion:266 Resp: 17
Ion Ratio Lower Upper
266 100
264 29.4 60.0 90.0#
268 0.0 0.0 0.0

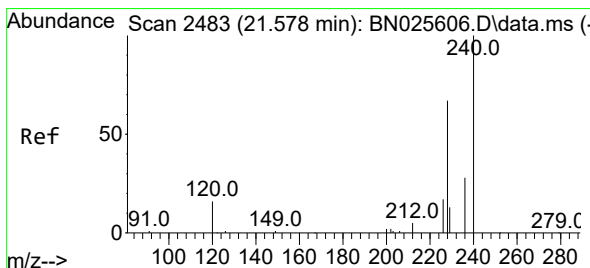
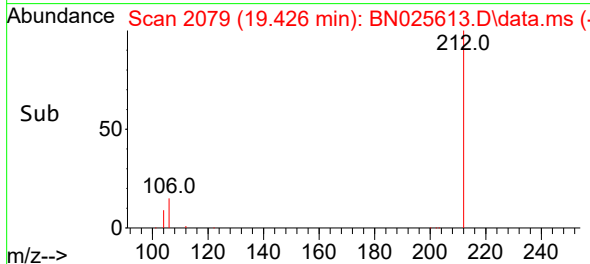
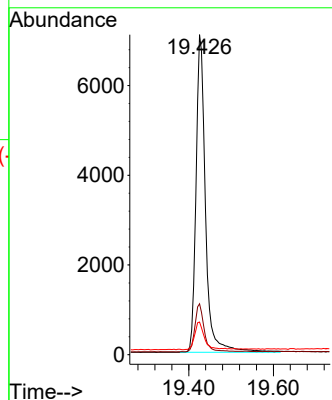
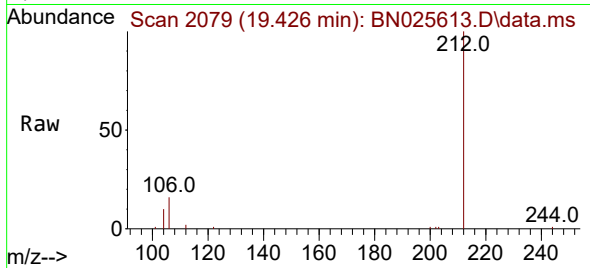




#27
Fluoranthene-d10
Concen: 0.333 ng
RT: 19.426 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BN025613.D
Acq: 26 May 2023 17:42

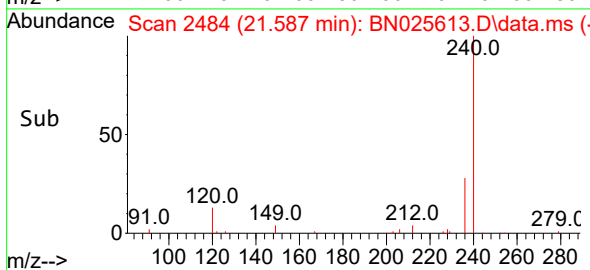
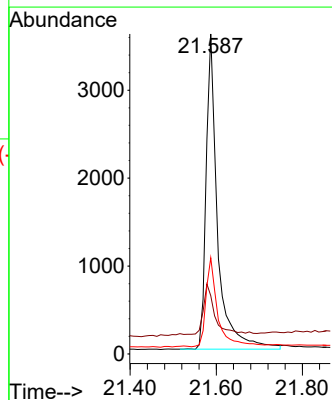
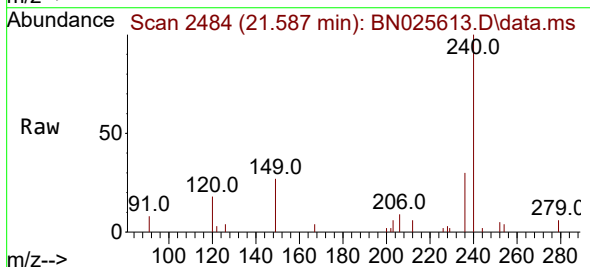
Instrument :
BNA_N
ClientSampleId :
PB153051BL

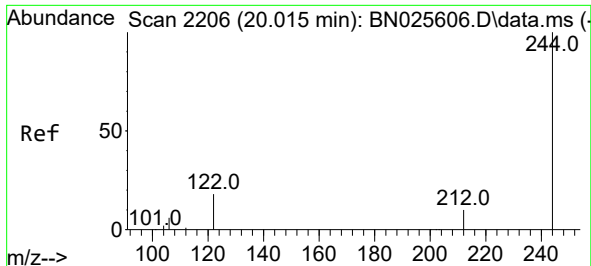
Tgt Ion:212 Resp: 11031
Ion Ratio Lower Upper
212 100
106 14.9 12.3 18.5
104 8.7 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.587 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN025613.D
Acq: 26 May 2023 17:42

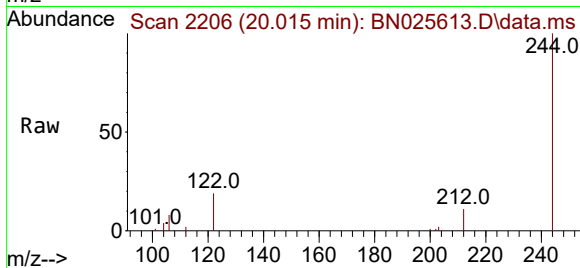
Tgt Ion:240 Resp: 6655
Ion Ratio Lower Upper
240 100
120 18.2 15.4 23.0
236 30.1 23.2 34.8



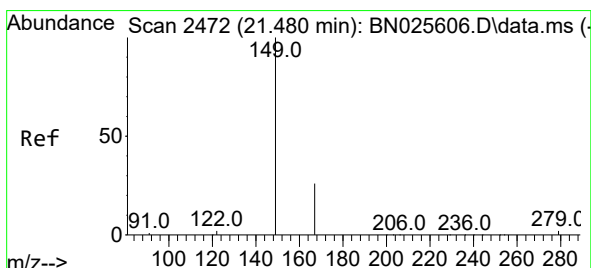
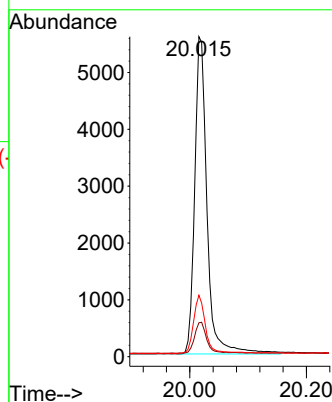
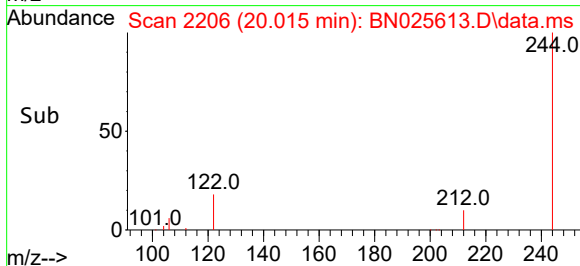


#31
 Terphenyl-d14
 Concen: 0.559 ng
 RT: 20.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN025613.D
 Acq: 26 May 2023 17:42

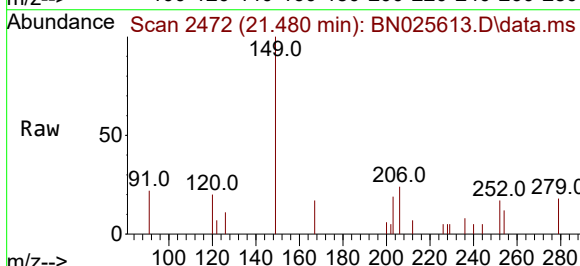
Instrument :
 BNA_N
 ClientSampleId :
 PB153051BL



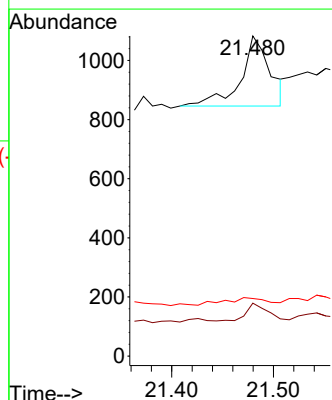
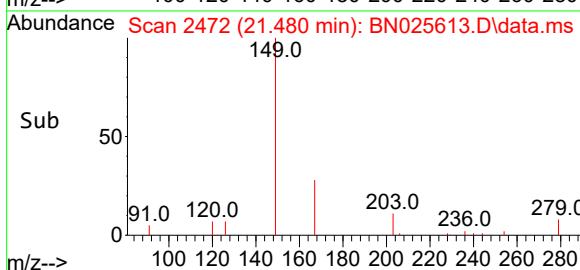
Tgt Ion:244 Resp: 8149
 Ion Ratio Lower Upper
 244 100
 212 10.6 8.5 12.7
 122 19.2 14.9 22.3

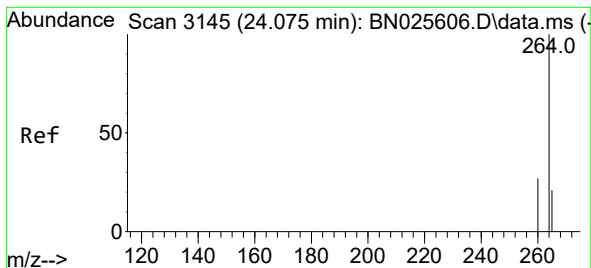


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.031 ng
 RT: 21.480 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BN025613.D
 Acq: 26 May 2023 17:42



Tgt Ion:149 Resp: 471
 Ion Ratio Lower Upper
 149 100
 167 18.3 20.4 30.6#
 279 13.4 3.3 4.9#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.081 min Scan# 3145

Delta R.T. 0.006 min

Lab File: BN025613.D

Acq: 26 May 2023 17:42

Instrument :

BNA_N

ClientSampleId :

PB153051BL

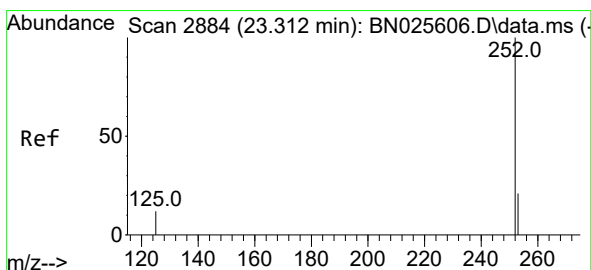
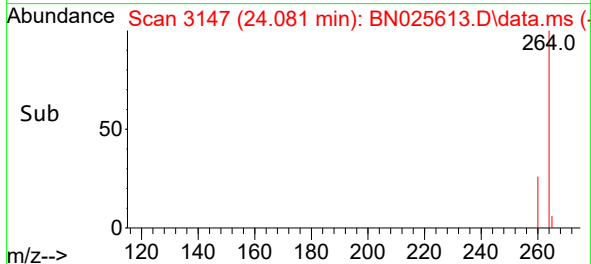
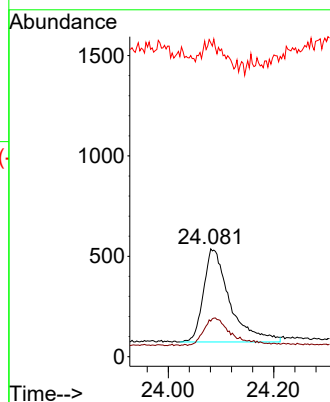
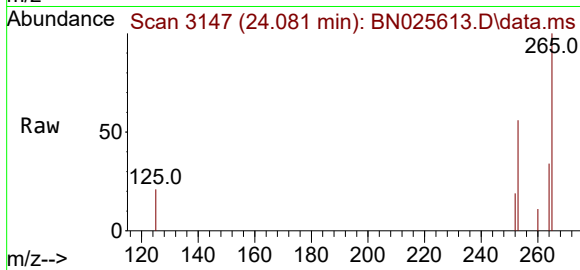
Tgt Ion:264 Resp: 1609

Ion Ratio Lower Upper

264 100

260 33.0 22.3 33.5

265 291.2 54.3 81.5#



#37

Benzo(b)fluoranthene

Concen: 0.036 ng

RT: 23.320 min Scan# 2887

Delta R.T. 0.009 min

Lab File: BN025613.D

Acq: 26 May 2023 17:42

Tgt Ion:252 Resp: 221

Ion Ratio Lower Upper

252 100

253 218.6 26.2 39.4#

125 84.0 12.9 19.3#

