

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025617.D
 Acq On : 26 May 2023 20:06
 Operator : CG/JU
 Sample : 02852-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-32-G3-SO-50.5-051823-FD

Quant Time: May 27 04:17:11 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)

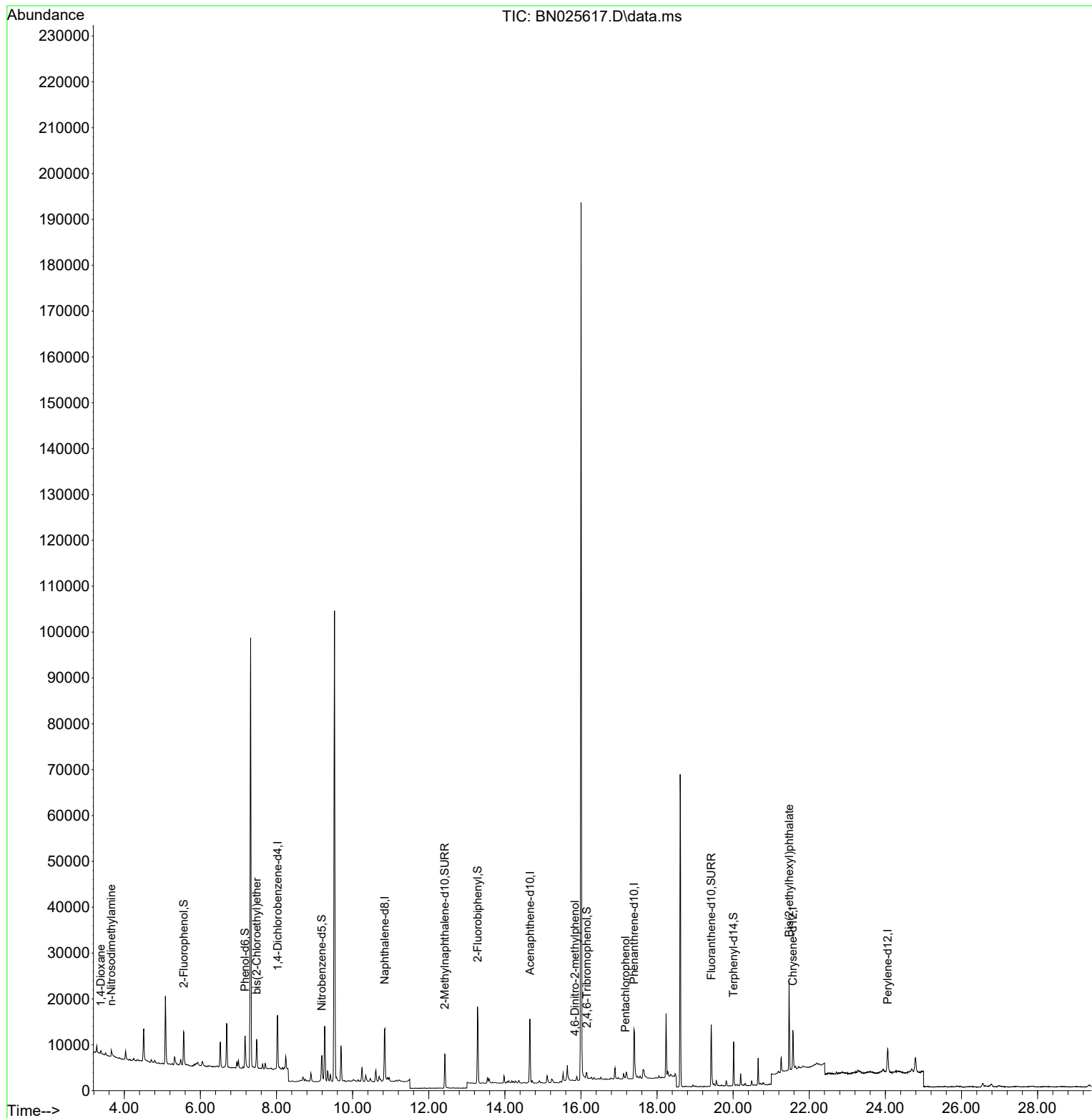
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	5891	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	16960	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	8823	0.400	ng	0.01
19) Phenanthrene-d10	17.393	188	16636	0.400	ng	0.00
29) Chrysene-d12	21.569	240	9002	0.400	ng	0.00
35) Perylene-d12	24.060	264	8560	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	6593	0.437	ng	0.00
5) Phenol-d6	7.174	99	7556	0.418	ng	0.00
8) Nitrobenzene-d5	9.191	82	5178	0.365	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	10518	0.435	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	894	0.501	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	14944	0.410	ng	0.00
27) Fluoranthene-d10	19.425	212	14945	0.397	ng	0.00
31) Terphenyl-d14	20.011	244	8647	0.439	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.383	88	237	0.035	ng	# 1
3) n-Nitrosodimethylamine	3.657	42	343	0.047	ng	# 1
6) bis(2-Chloroethyl)ether	7.478	93	9099	0.488	ng	# 32
20) 4,6-Dinitro-2-methylph...	15.842	198	7	0.116	ng	# 1
24) Pentachlorophenol	17.170	266	10	0.375	ng	# 24
34) Bis(2-ethylhexyl)phtha...	21.471	149	17009	0.833	ng	# 99

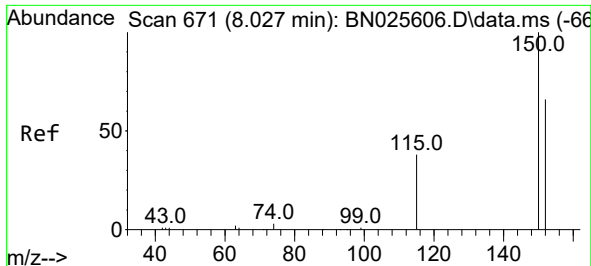
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
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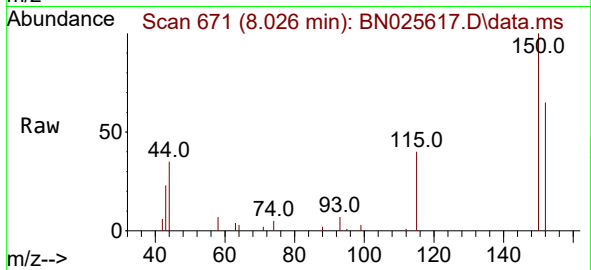
Quant Time: May 27 04:17:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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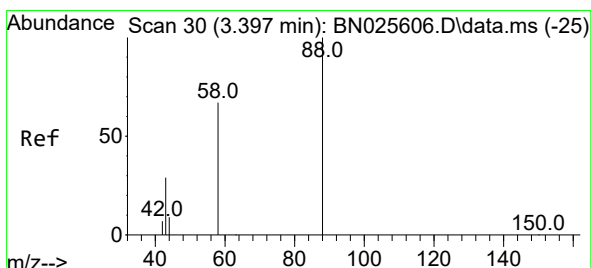
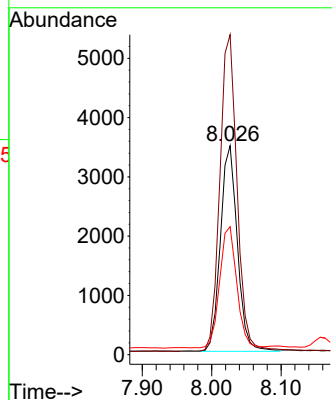
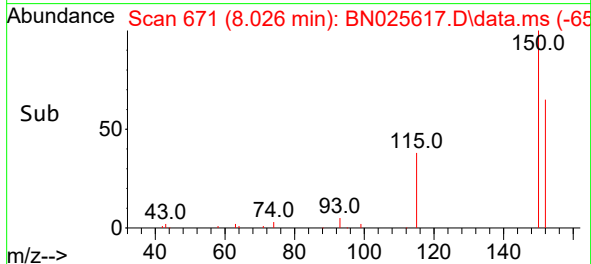


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.026 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN025617.D
Acq: 26 May 2023 20:06

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823-FD

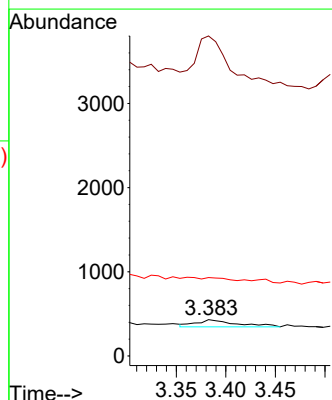
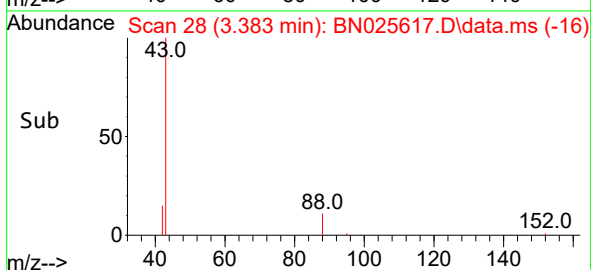
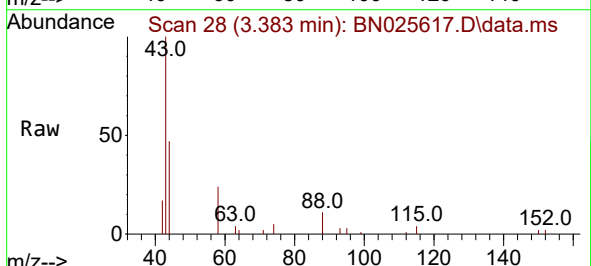


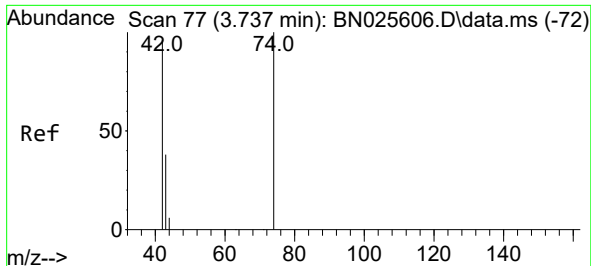
Tgt Ion:152 Resp: 5891
Ion Ratio Lower Upper
152 100
150 153.2 121.0 181.6
115 61.2 48.5 72.7



#2
1,4-Dioxane
Concen: 0.035 ng
RT: 3.383 min Scan# 28
Delta R.T. -0.015 min
Lab File: BN025617.D
Acq: 26 May 2023 20:06

Tgt Ion: 88 Resp: 237
Ion Ratio Lower Upper
88 100
43 524.5 26.5 39.7#
58 0.0 56.8 85.2#

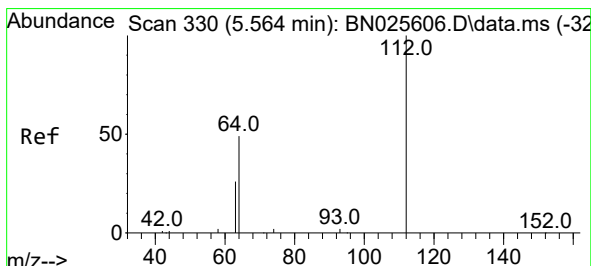
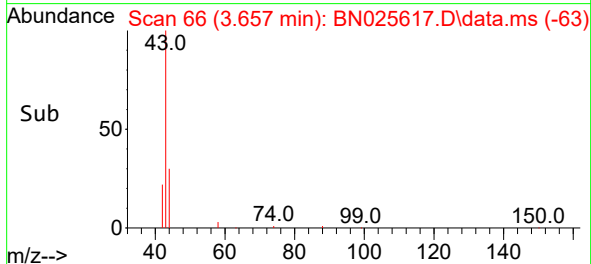
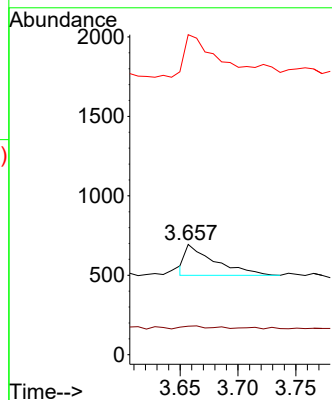
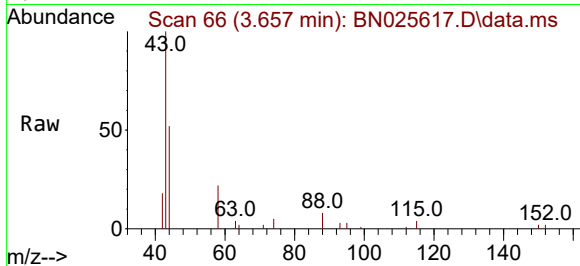




#3
n-Nitrosodimethylamine
Concen: 0.047 ng
RT: 3.657 min Scan# 61
Delta R.T. -0.080 min
Lab File: BN025617.D
Acq: 26 May 2023 20:06

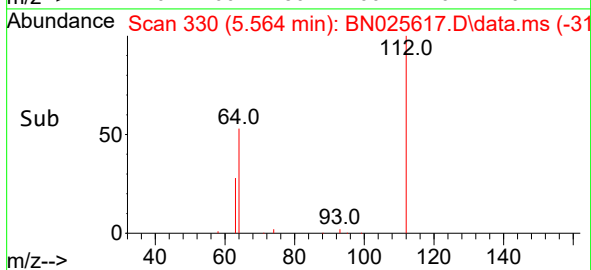
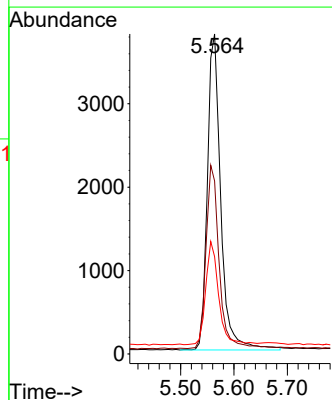
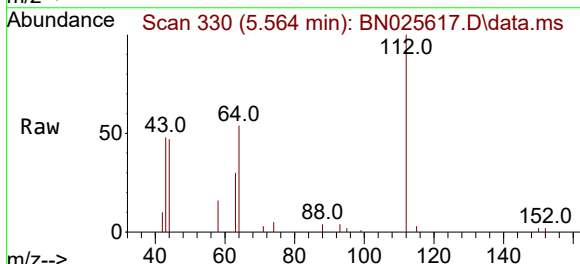
Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823-FD

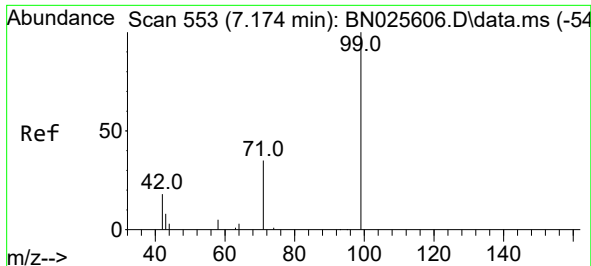
Tgt Ion: 42 Resp: 343
Ion Ratio Lower Upper
42 100
74 2.3 82.2 123.2#
44 120.7 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.437 ng
RT: 5.564 min Scan# 330
Delta R.T. -0.000 min
Lab File: BN025617.D
Acq: 26 May 2023 20:06

Tgt Ion: 112 Resp: 6593
Ion Ratio Lower Upper
112 100
64 57.2 45.7 68.5
63 31.5 26.2 39.2

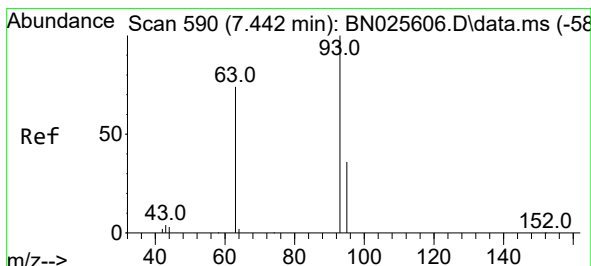
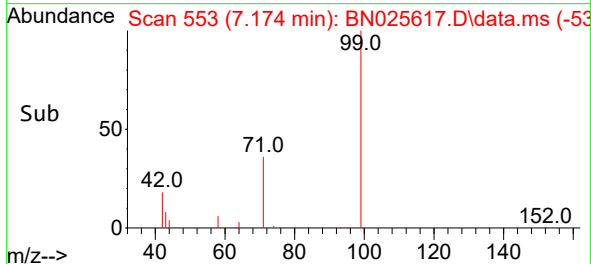
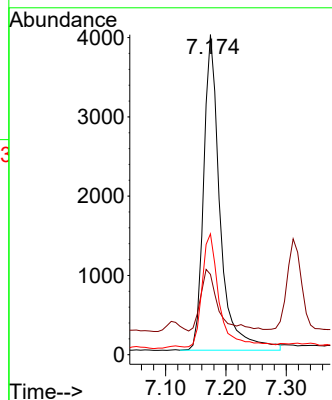
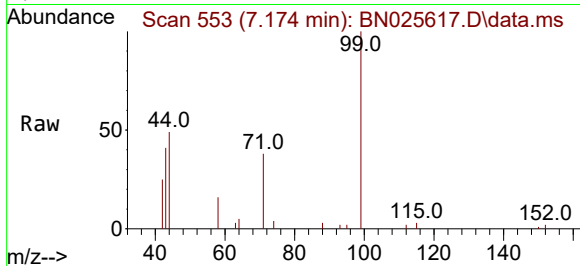




#5
Phenol-d6
Concen: 0.418 ng
RT: 7.174 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN025617.D
Acq: 26 May 2023 20:06

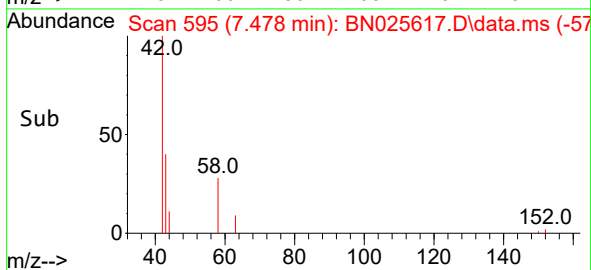
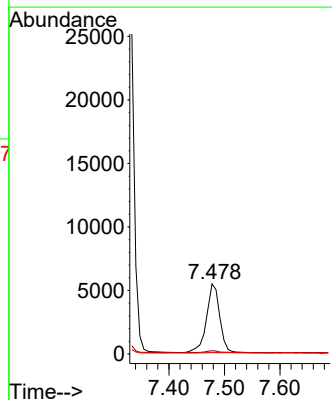
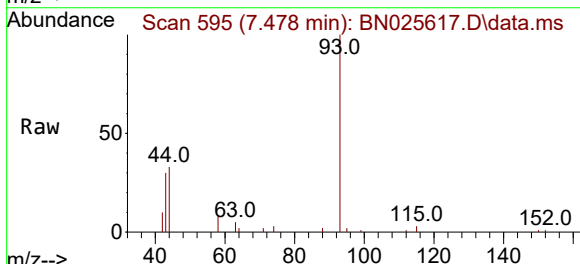
Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823-FD

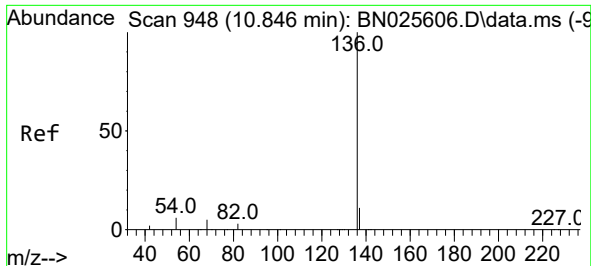
Tgt Ion: 99 Resp: 7556
Ion Ratio Lower Upper
99 100
42 21.0 17.1 25.7
71 37.9 29.3 43.9



#6
bis(2-Chloroethyl)ether
Concen: 0.488 ng
RT: 7.478 min Scan# 595
Delta R.T. 0.036 min
Lab File: BN025617.D
Acq: 26 May 2023 20:06

Tgt Ion: 93 Resp: 9099
Ion Ratio Lower Upper
93 100
63 3.1 49.1 73.7#
95 0.9 22.6 33.8#

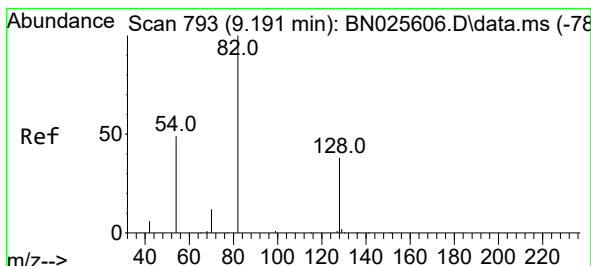
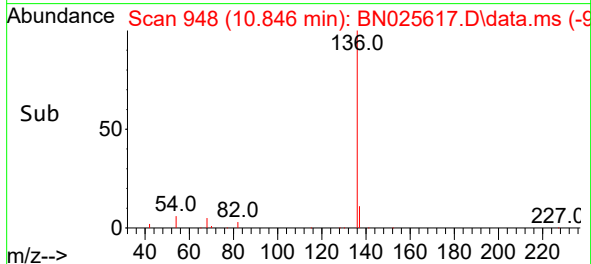
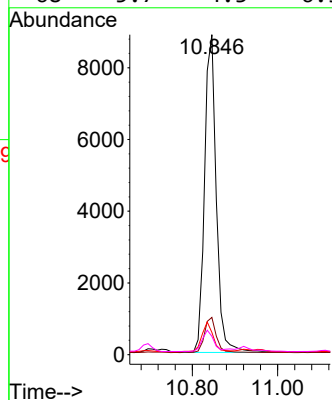
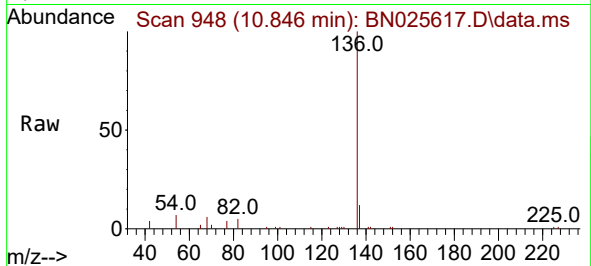




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN025617.D
Acq: 26 May 2023 20:06

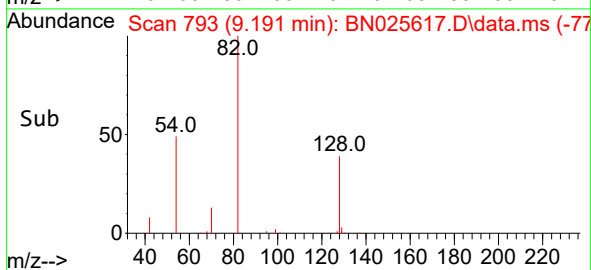
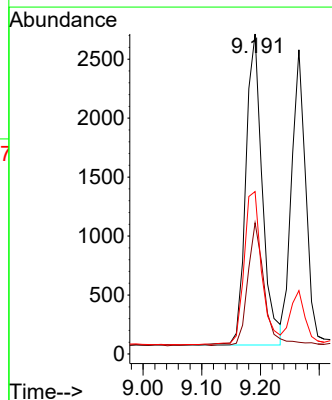
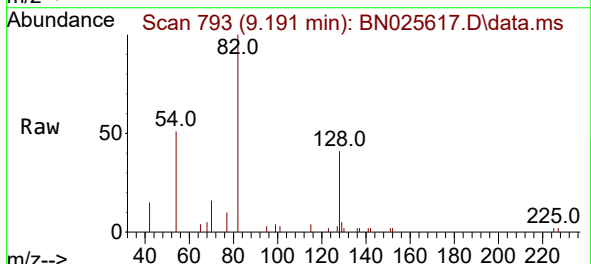
Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823-FD

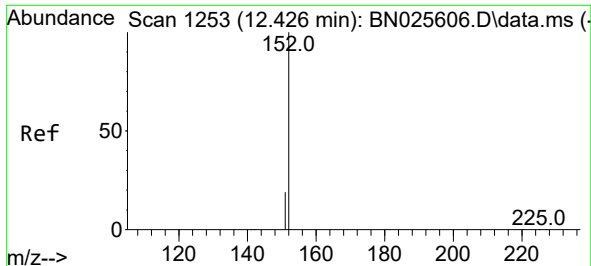
Tgt Ion:	136	Resp:	16960
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.1	13.7
54	6.9	5.4	8.0
68	5.7	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 9.191 min Scan# 793
Delta R.T. -0.000 min
Lab File: BN025617.D
Acq: 26 May 2023 20:06

Tgt Ion:	82	Resp:	5178
Ion Ratio	Lower	Upper	
82	100		
128	41.0	32.5	48.7
54	50.7	40.6	60.8





#11

2-Methylnaphthalene-d10

Concen: 0.435 ng

RT: 12.423 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN025617.D

Acq: 26 May 2023 20:06

Instrument :

BNA_N

ClientSampleId :

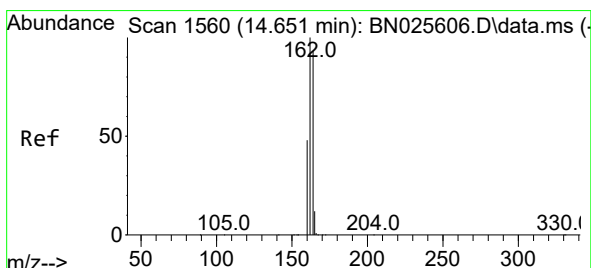
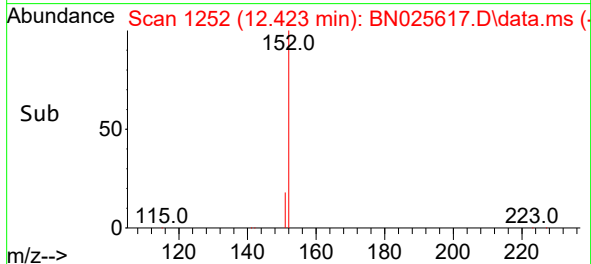
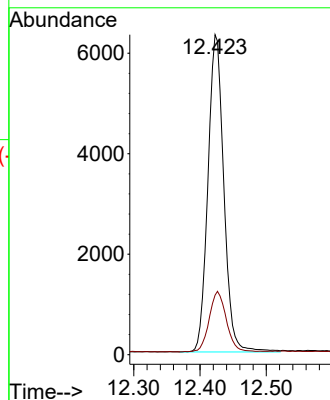
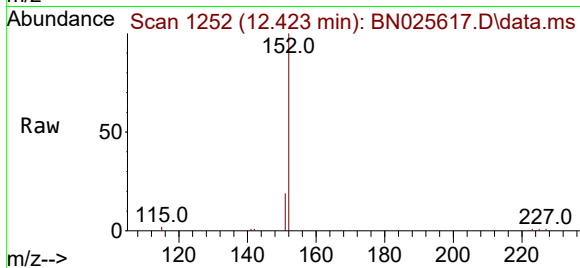
CB-32-G3-SO-50.5-051823-FD

Tgt Ion:152 Resp: 10518

Ion Ratio Lower Upper

152 100

151 20.4 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: BN025617.D

Acq: 26 May 2023 20:06

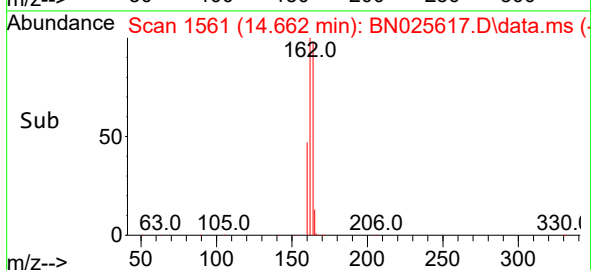
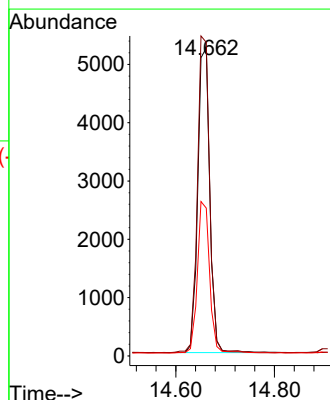
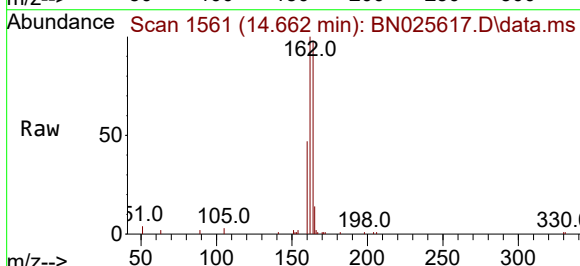
Tgt Ion:164 Resp: 8823

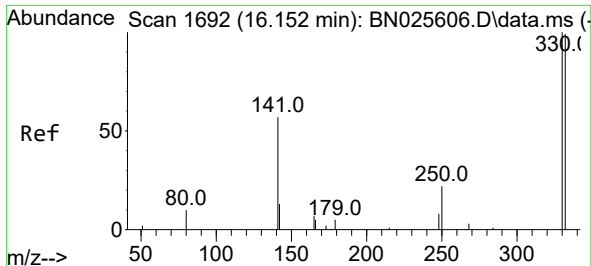
Ion Ratio Lower Upper

164 100

162 101.8 86.4 129.6

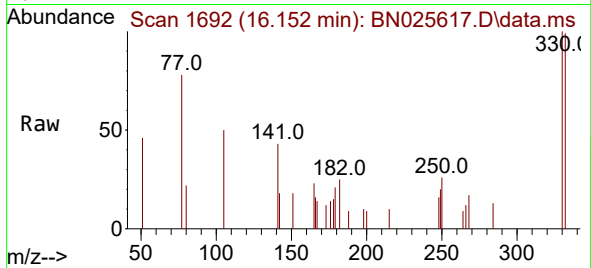
160 48.0 41.9 62.9



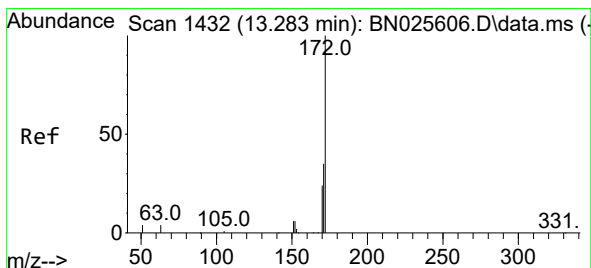
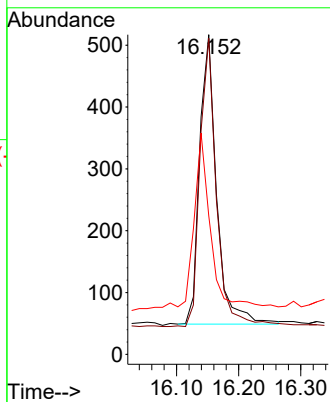
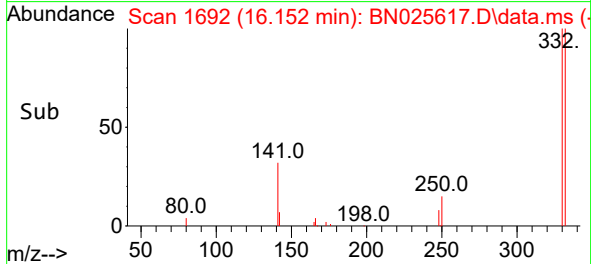


#14
2,4,6-Tribromophenol
Concen: 0.501 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025617.D
Acq: 26 May 2023 20:06

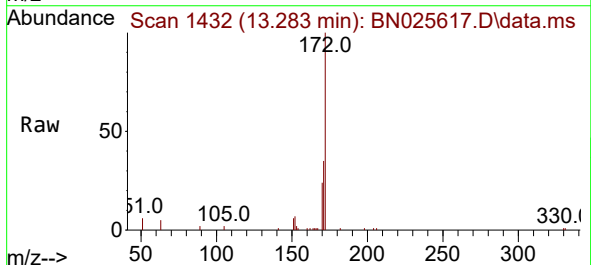
Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823-FD



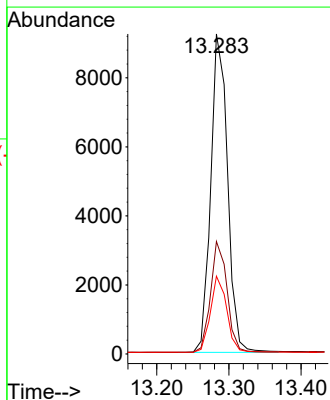
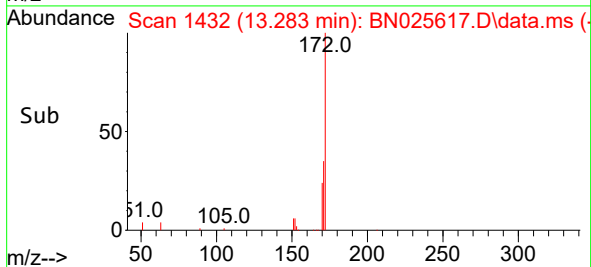
Tgt Ion:330 Resp: 894
Ion Ratio Lower Upper
330 100
332 96.4 80.0 120.0
141 54.5 45.8 68.6

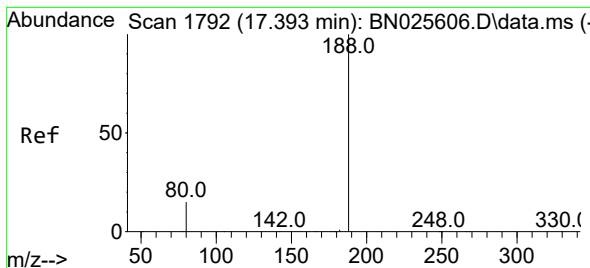


#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025617.D
Acq: 26 May 2023 20:06



Tgt Ion:172 Resp: 14944
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 24.3 19.7 29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.393 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN025617.D

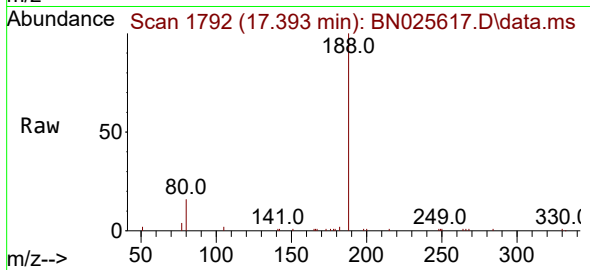
Acq: 26 May 2023 20:06

Instrument :

BNA_N

ClientSampleId :

CB-32-G3-SO-50.5-051823-FD



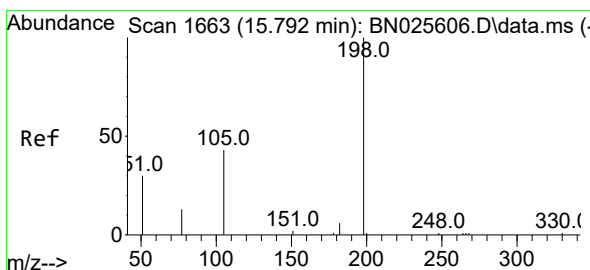
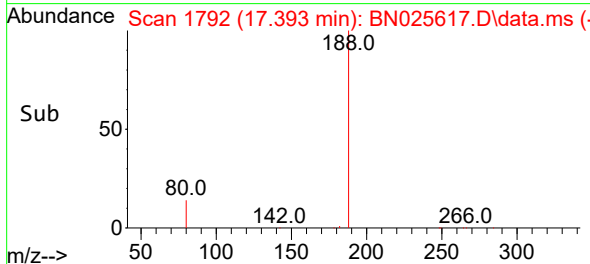
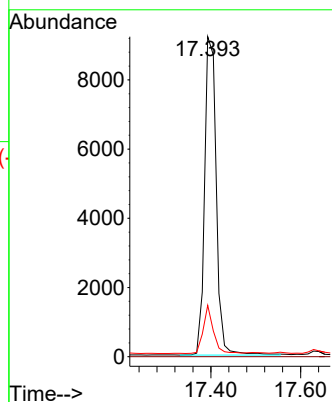
Tgt Ion:188 Resp: 16636

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.1 12.2 18.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.116 ng

RT: 15.842 min Scan# 1667

Delta R.T. 0.050 min

Lab File: BN025617.D

Acq: 26 May 2023 20:06

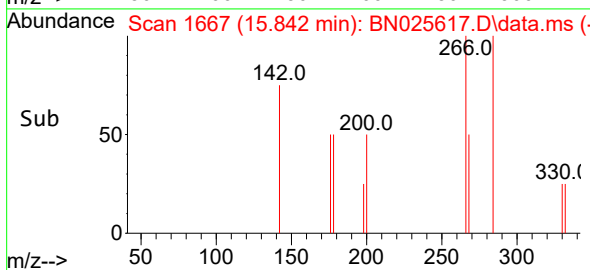
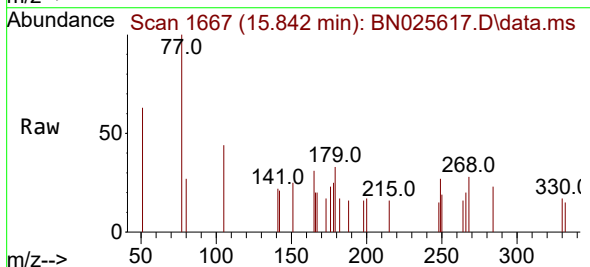
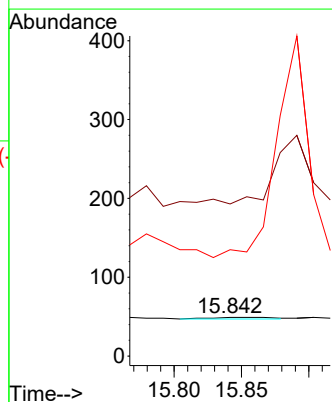
Tgt Ion:198 Resp: 7

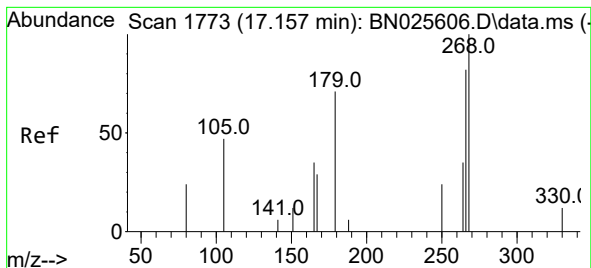
Ion Ratio Lower Upper

198 100

51 393.9 110.8 166.2#

105 275.5 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.375 ng

RT: 17.170 min Scan# 1774

Delta R.T. 0.013 min

Lab File: BN025617.D

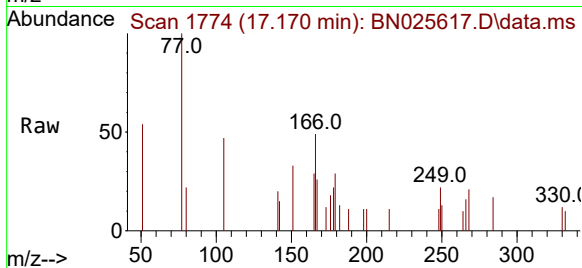
Acq: 26 May 2023 20:06

Instrument :

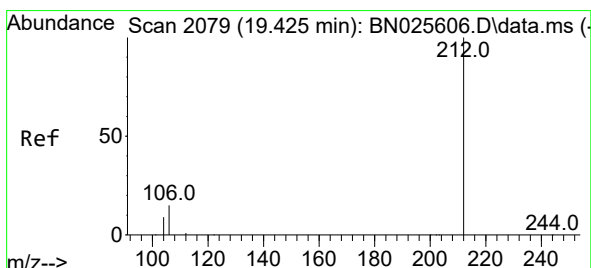
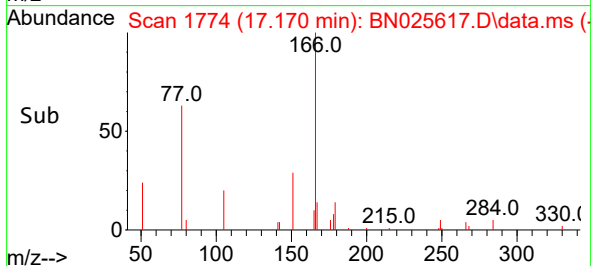
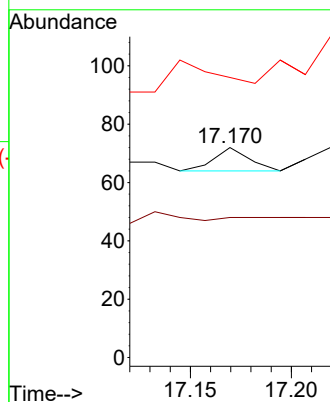
BNA_N

ClientSampleId :

CB-32-G3-SO-50.5-051823-FD



Tgt Ion:	266	Resp:	10
Ion Ratio	Lower	Upper	
266	100		
264	10.0	60.0	90.0#
268	0.0	0.0	0.0



#27

Fluoranthene-d10

Concen: 0.397 ng

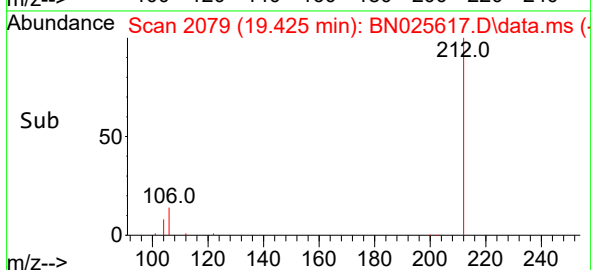
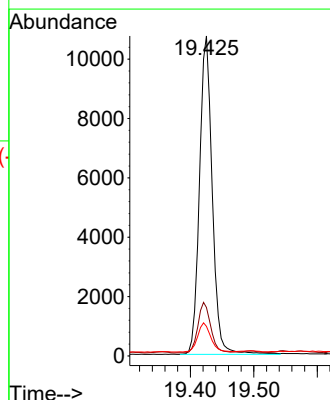
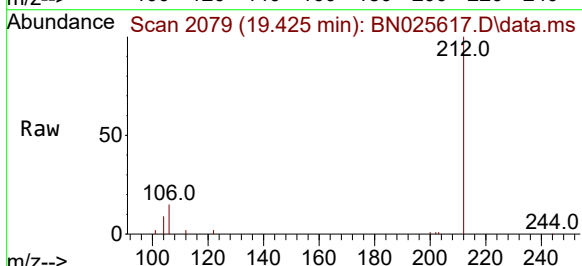
RT: 19.425 min Scan# 2079

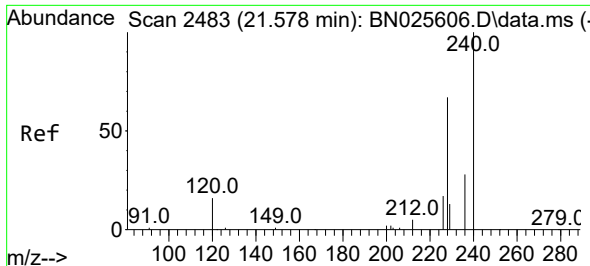
Delta R.T. -0.000 min

Lab File: BN025617.D

Acq: 26 May 2023 20:06

Tgt Ion:	212	Resp:	14945
Ion Ratio	Lower	Upper	
212	100		
106	15.9	12.3	18.5
104	9.4	7.2	10.8

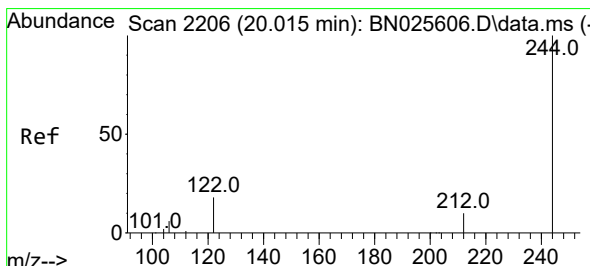
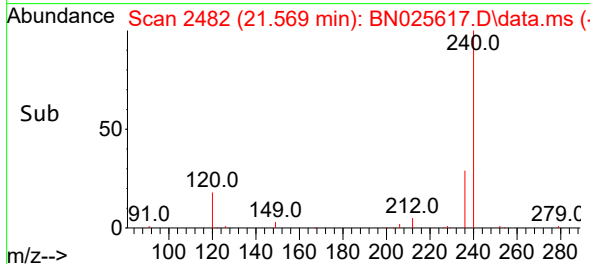
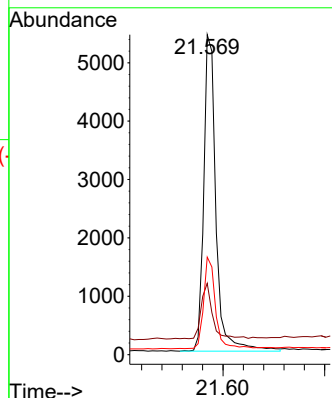
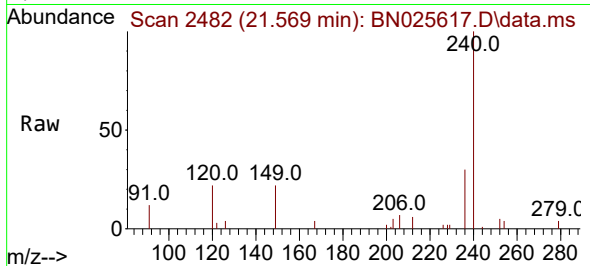




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 2482
Delta R.T. -0.009 min
Lab File: BN025617.D
Acq: 26 May 2023 20:06

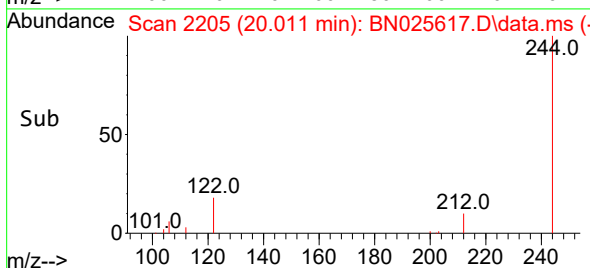
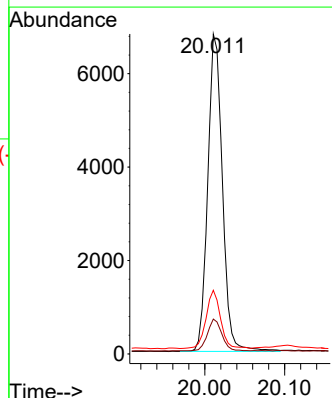
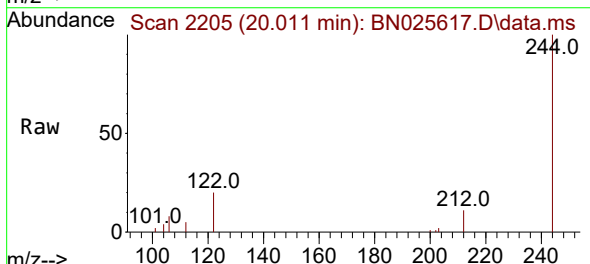
Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-50.5-051823-FD

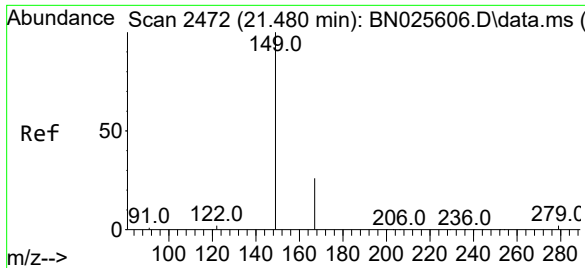
Tgt Ion:240 Resp: 9002
Ion Ratio Lower Upper
240 100
120 22.3 15.4 23.0
236 30.5 23.2 34.8



#31
Terphenyl-d14
Concen: 0.439 ng
RT: 20.011 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BN025617.D
Acq: 26 May 2023 20:06

Tgt Ion:244 Resp: 8647
Ion Ratio Lower Upper
244 100
212 10.9 8.5 12.7
122 19.9 14.9 22.3

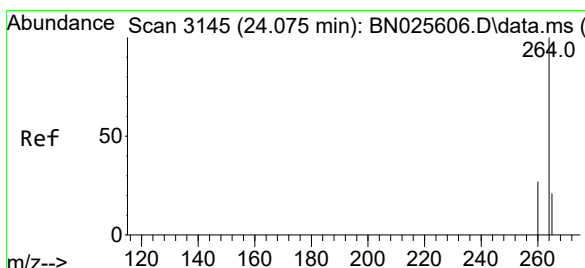
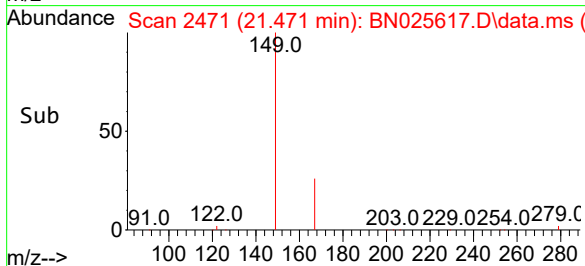
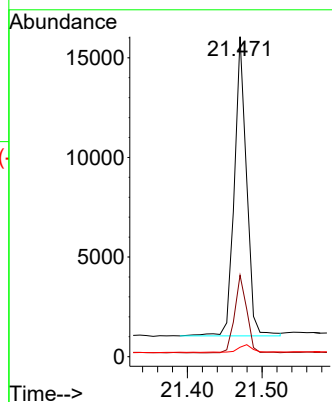
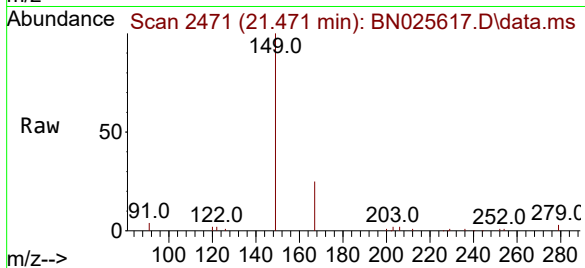




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.833 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.009 min
 Lab File: BN025617.D
 Acq: 26 May 2023 20:06

Instrument :
 BNA_N
 ClientSampleId :
 CB-32-G3-SO-50.5-051823-FD

Tgt Ion:149 Resp: 17009
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.4 30.6
 279 3.0 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.060 min Scan# 3140
 Delta R.T. -0.015 min
 Lab File: BN025617.D
 Acq: 26 May 2023 20:06

Tgt Ion:264 Resp: 8560
 Ion Ratio Lower Upper
 264 100
 260 26.8 22.3 33.5
 265 72.3 54.3 81.5

