

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025650.D
 Acq On : 27 May 2023 18:12
 Operator : CG/JU
 Sample : 02880-17
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT161S1-20230519

Quant Time: May 29 00:54:04 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)

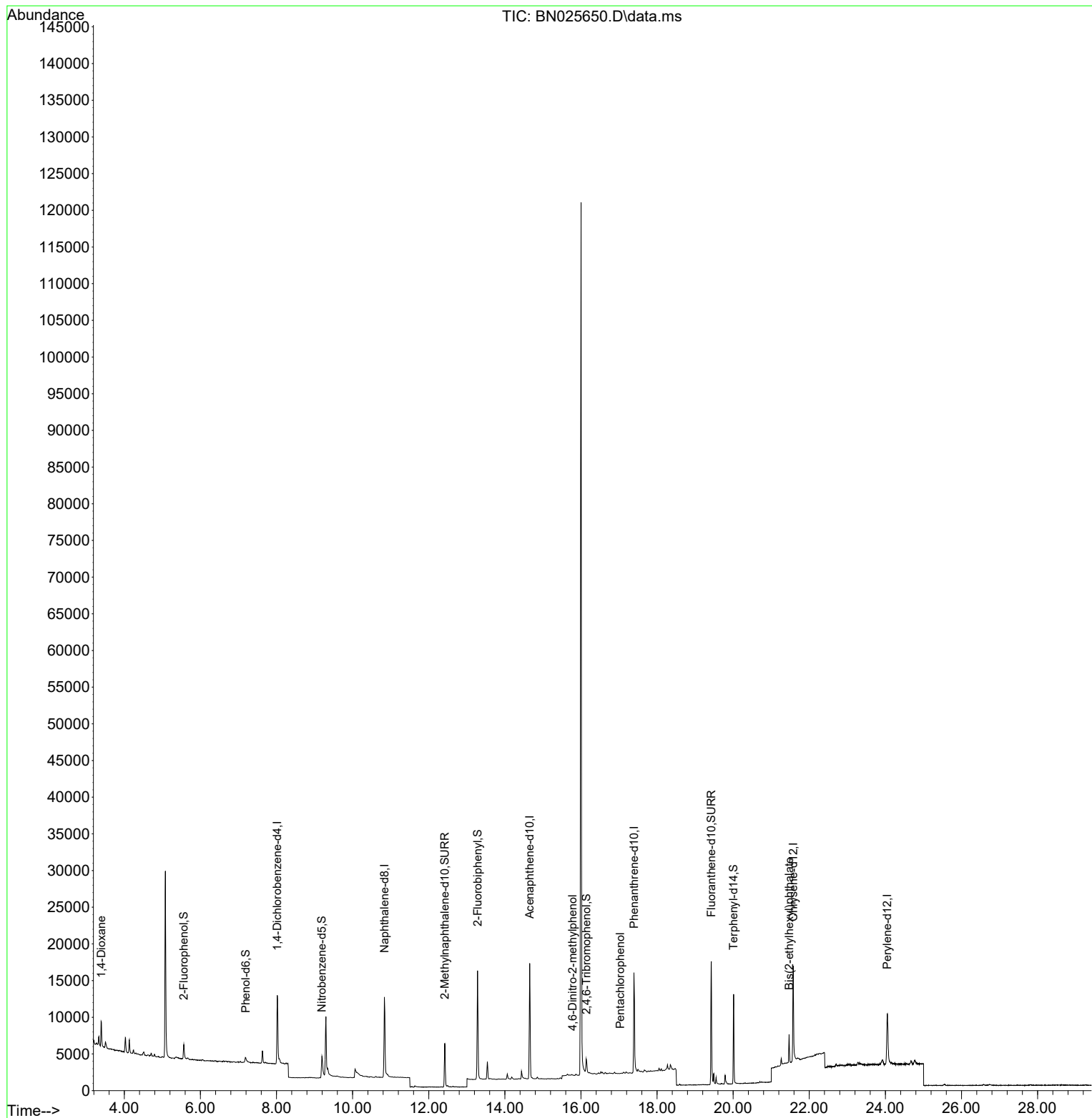
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5523	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	15826	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	9104	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	19733	0.400	ng	0.00
29) Chrysene-d12	21.578	240	13582	0.400	ng	# 0.00
35) Perylene-d12	24.051	264	12140	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	2012	0.142	ng	0.00
5) Phenol-d6	7.189	99	1214	0.072	ng	0.01
8) Nitrobenzene-d5	9.191	82	4020	0.303	ng	0.00
11) 2-Methylnaphthalene-d10	12.419	152	8917	0.395	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	1064	0.578	ng	-0.01
15) 2-Fluorobiphenyl	13.283	172	13222	0.352	ng	0.00
27) Fluoranthene-d10	19.426	212	19393	0.434	ng	0.00
31) Terphenyl-d14	20.011	244	11848	0.398	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.397	88	2310	0.361	ng	Qvalue 98
20) 4,6-Dinitro-2-methylph...	15.780	198	5	0.115	ng	# 1
24) Pentachlorophenol	17.033	266	10	0.373	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.471	149	3649	0.118	ng	99

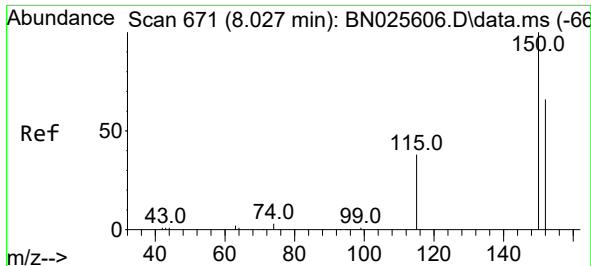
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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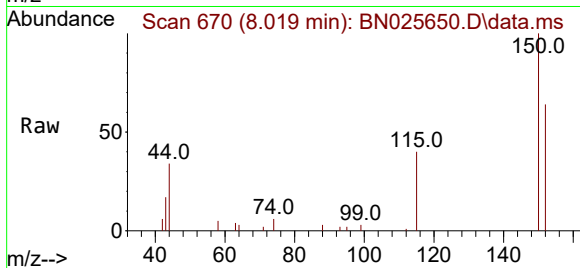
Quant Time: May 29 00:54:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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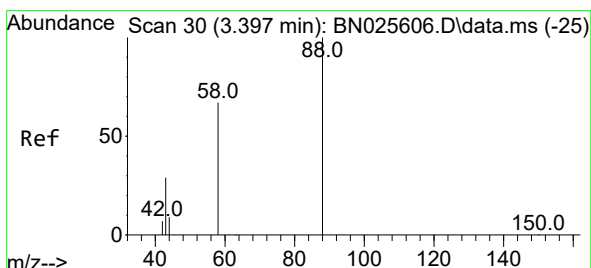
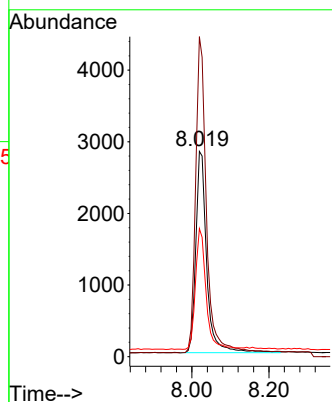
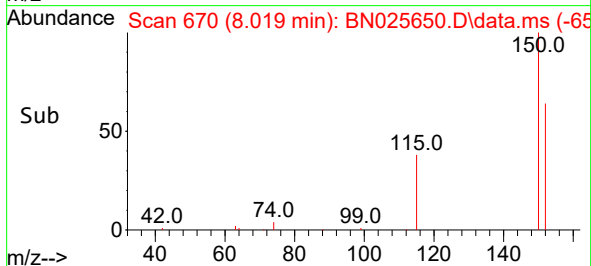


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.019 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN025650.D
 Acq: 27 May 2023 18:12

Instrument :
 BNA_N
 ClientSampleId :
 TT161S1-20230519

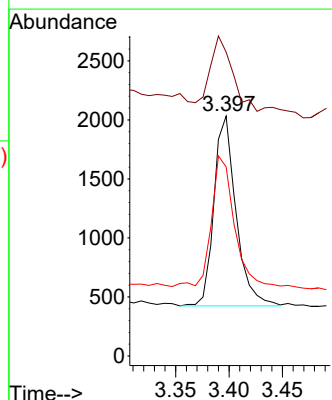
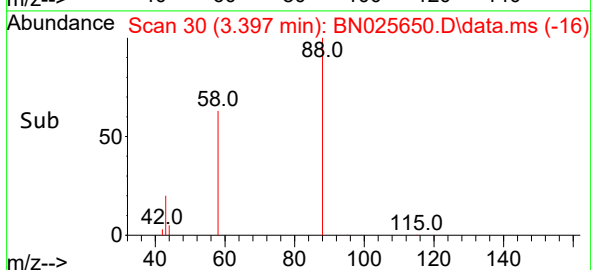
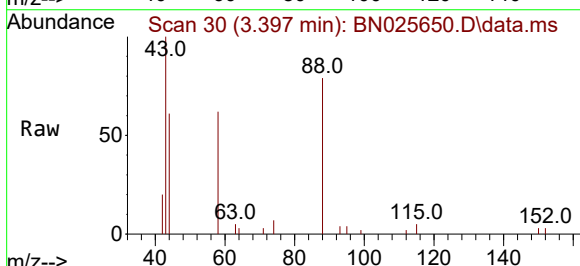


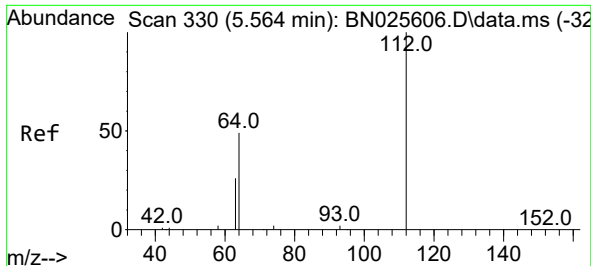
Tgt Ion:152 Resp: 5523
 Ion Ratio Lower Upper
 152 100
 150 155.9 121.0 181.6
 115 62.4 48.5 72.7



#2
 1,4-Dioxane
 Concen: 0.361 ng
 RT: 3.397 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BN025650.D
 Acq: 27 May 2023 18:12

Tgt Ion: 88 Resp: 2310
 Ion Ratio Lower Upper
 88 100
 43 35.5 26.5 39.7
 58 70.3 56.8 85.2

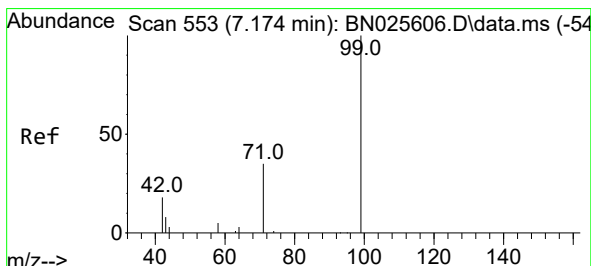
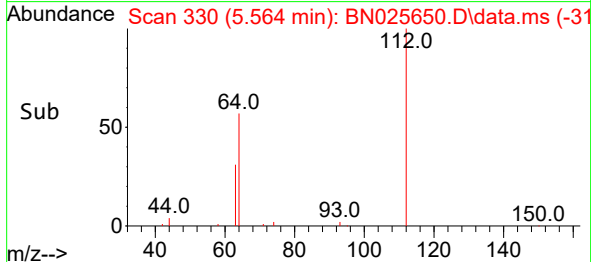
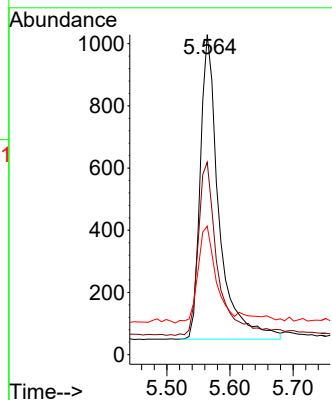
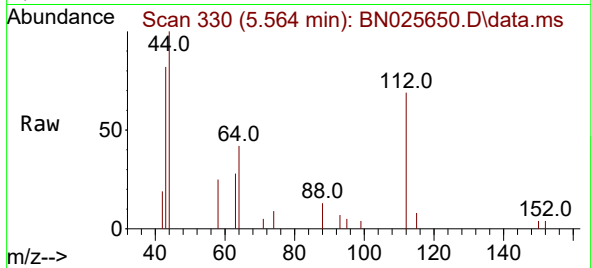




#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025650.D
Acq: 27 May 2023 18:12

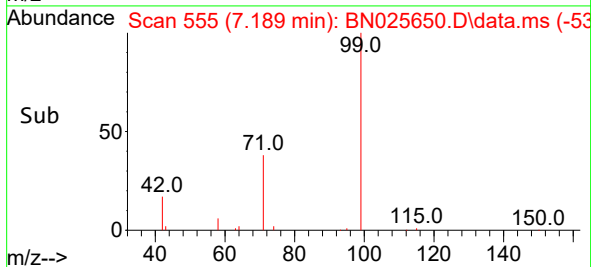
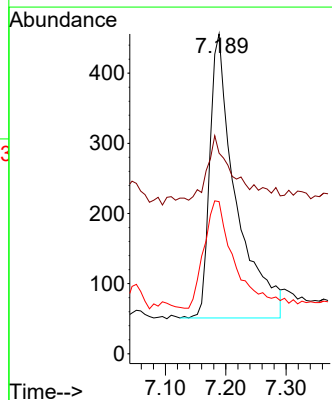
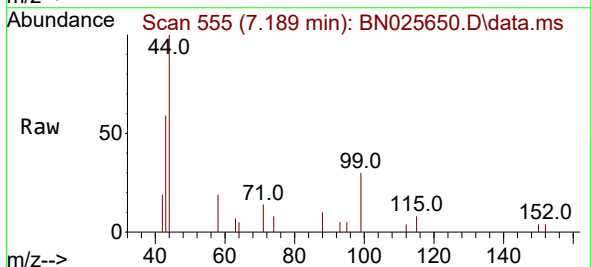
Instrument :
BNA_N
ClientSampleId :
TT161S1-20230519

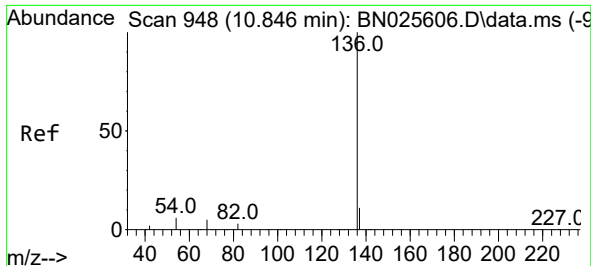
Tgt Ion:	112	Resp:	2012
Ion	Ratio	Lower	Upper
112	100		
64	59.7	45.7	68.5
63	30.5	26.2	39.2



#5
Phenol-d6
Concen: 0.072 ng
RT: 7.189 min Scan# 555
Delta R.T. 0.014 min
Lab File: BN025650.D
Acq: 27 May 2023 18:12

Tgt Ion:	99	Resp:	1214
Ion	Ratio	Lower	Upper
99	100		
42	24.4	17.1	25.7
71	44.1	29.3	43.9

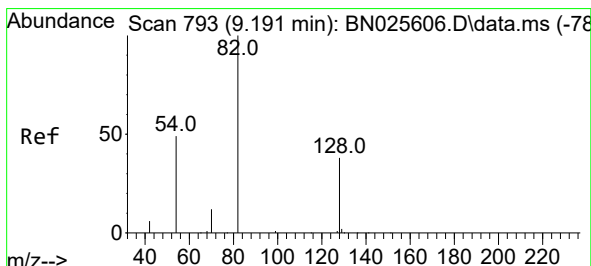
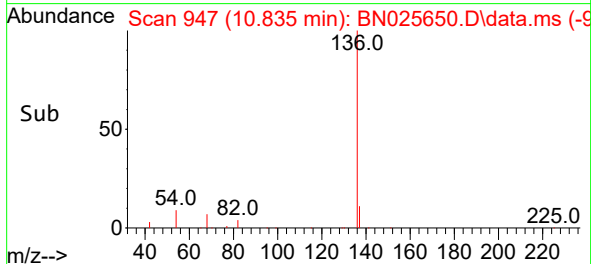
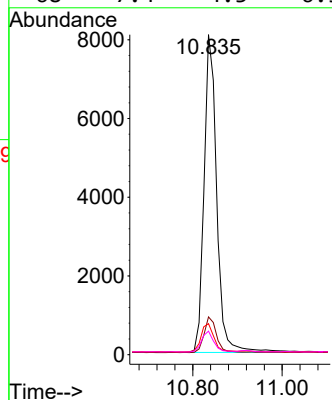
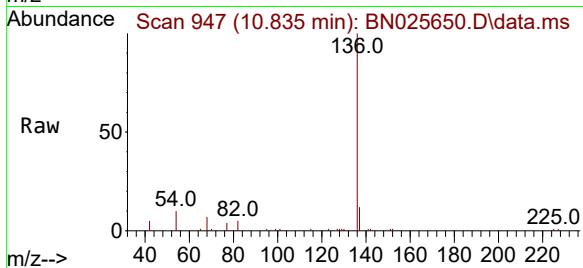




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN025650.D
Acq: 27 May 2023 18:12

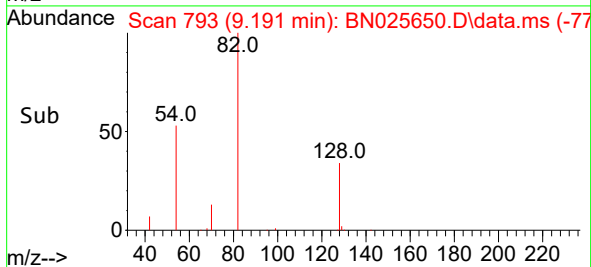
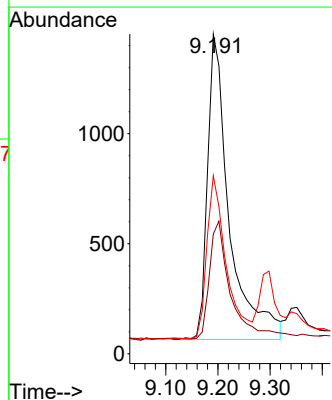
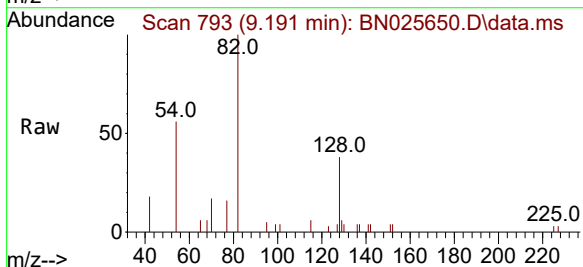
Instrument :
BNA_N
ClientSampleId :
TT161S1-20230519

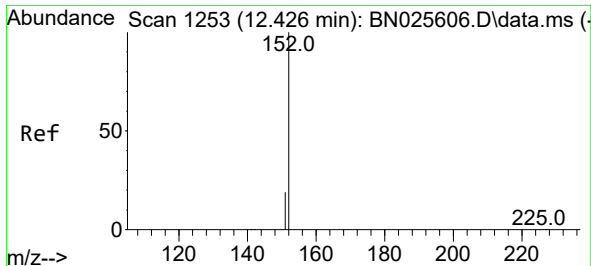
Tgt Ion:	136	Resp:	15826
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.1	13.7
54	9.7	5.4	8.0#
68	7.4	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.303 ng
RT: 9.191 min Scan# 793
Delta R.T. 0.000 min
Lab File: BN025650.D
Acq: 27 May 2023 18:12

Tgt Ion:	82	Resp:	4020
Ion Ratio	Lower	Upper	
82	100		
128	37.5	32.5	48.7
54	55.7	40.6	60.8

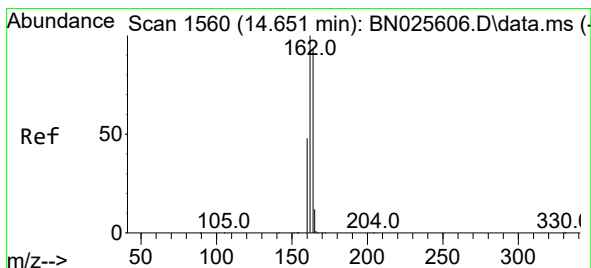
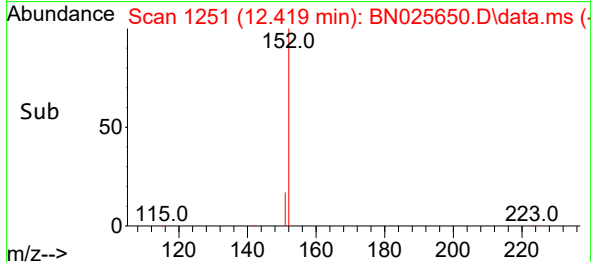
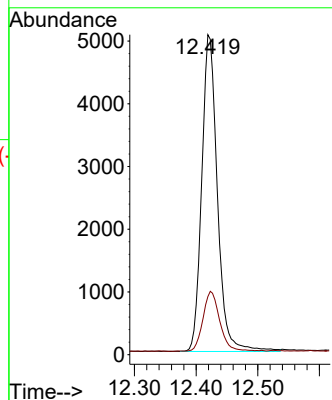
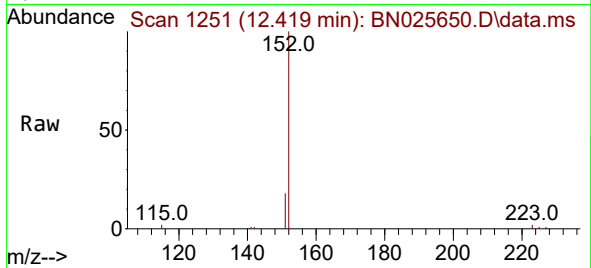




#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.419 min Scan# 1251
Delta R.T. -0.004 min
Lab File: BN025650.D
Acq: 27 May 2023 18:12

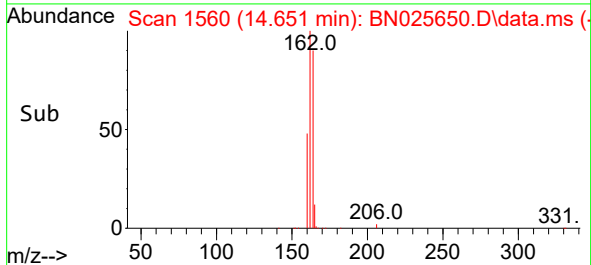
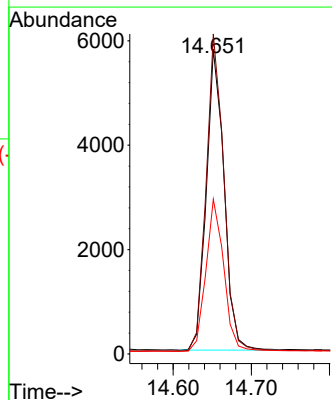
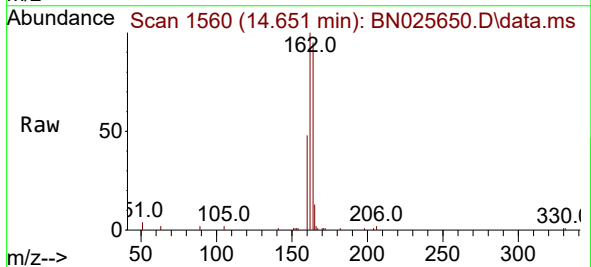
Instrument :
BNA_N
ClientSampleId :
TT161S1-20230519

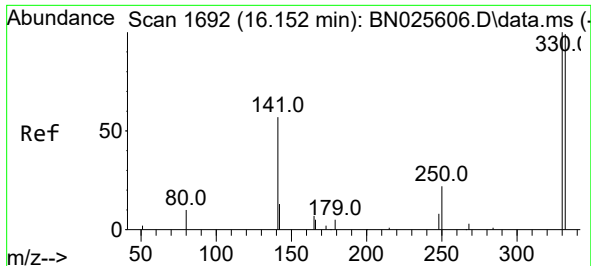
Tgt Ion:152 Resp: 8917
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BN025650.D
Acq: 27 May 2023 18:12

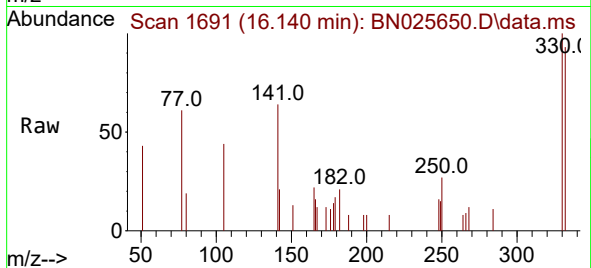
Tgt Ion:164 Resp: 9104
Ion Ratio Lower Upper
164 100
162 105.1 86.4 129.6
160 50.8 41.9 62.9



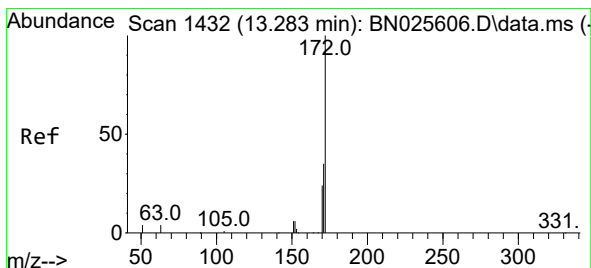
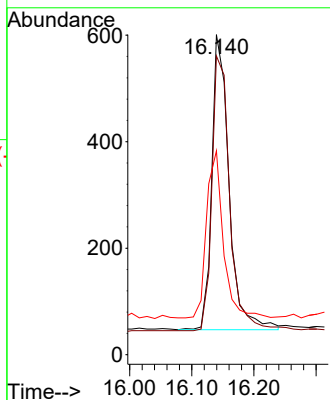
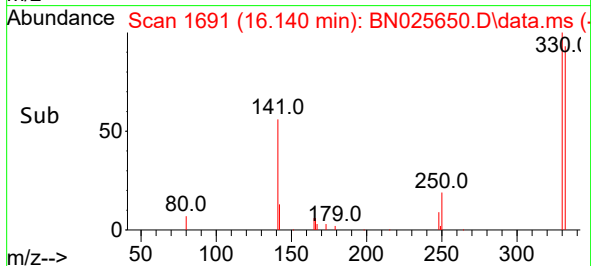


#14
2,4,6-Tribromophenol
Concen: 0.578 ng
RT: 16.140 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN025650.D
Acq: 27 May 2023 18:12

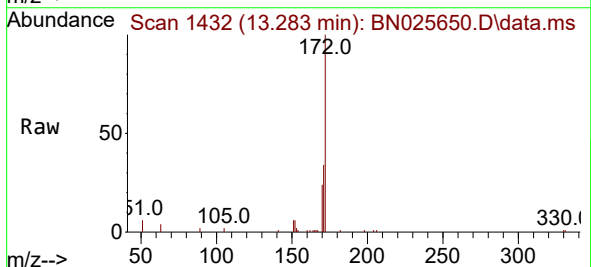
Instrument :
BNA_N
ClientSampleId :
TT161S1-20230519



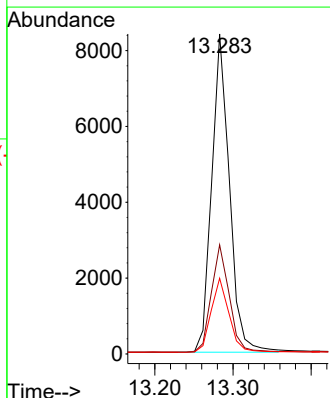
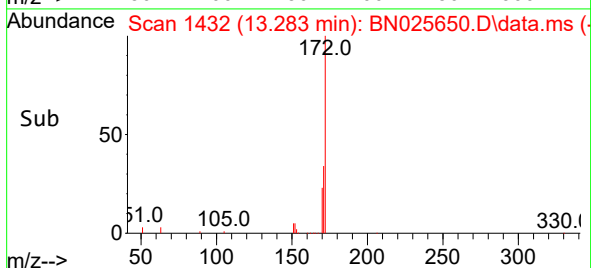
Tgt Ion: 330 Resp: 1064
Ion Ratio Lower Upper
330 100
332 96.8 80.0 120.0
141 55.4 45.8 68.6

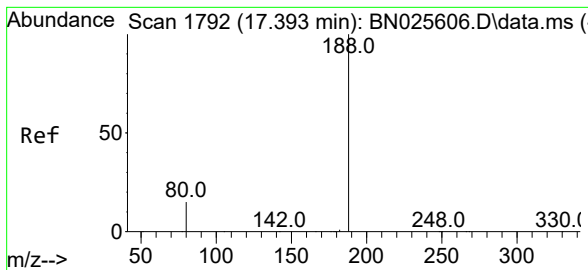


#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.283 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BN025650.D
Acq: 27 May 2023 18:12



Tgt Ion: 172 Resp: 13222
Ion Ratio Lower Upper
172 100
171 34.1 28.6 42.8
170 23.6 19.7 29.5

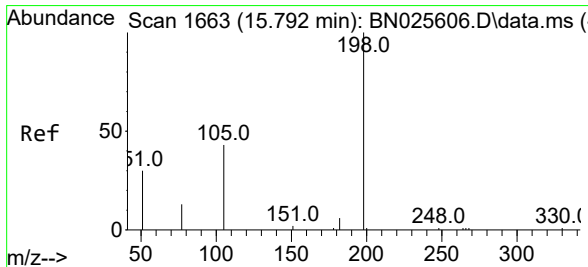
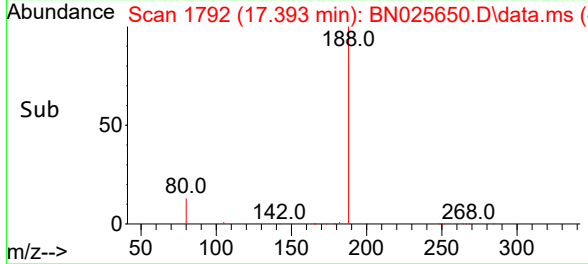
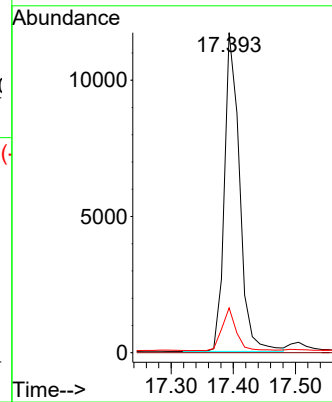
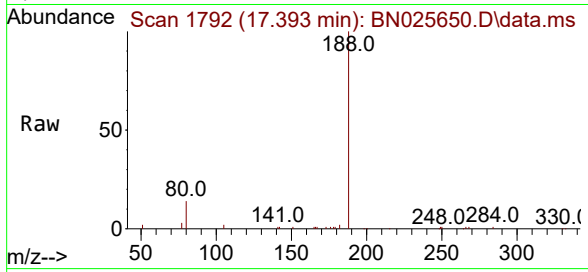




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025650.D
Acq: 27 May 2023 18:12

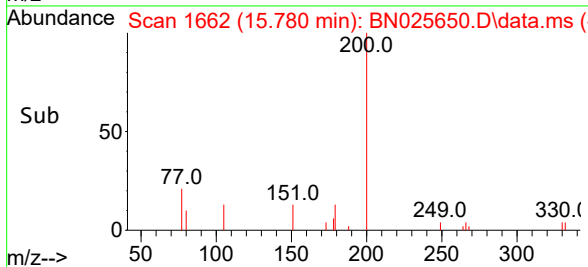
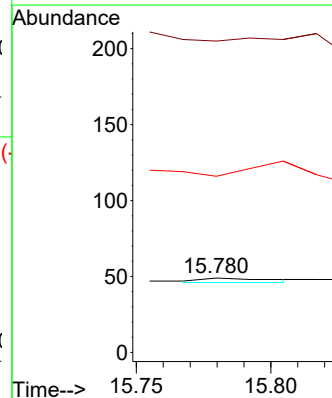
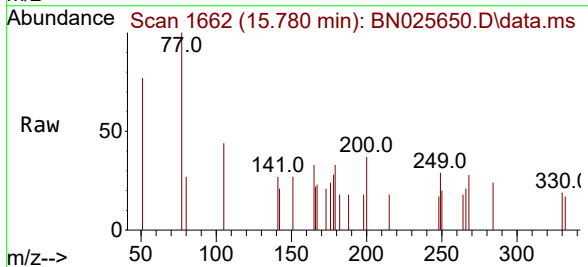
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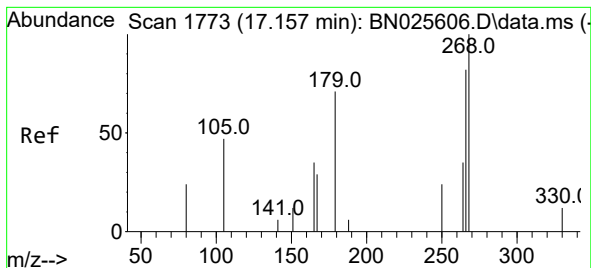
Tgt Ion:188 Resp: 19733
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 12.2 18.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.115 ng
RT: 15.780 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BN025650.D
Acq: 27 May 2023 18:12

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 418.4 110.8 166.2#
105 236.7 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.373 ng

RT: 17.033 min Scan# 1763

Delta R.T. -0.037 min

Lab File: BN025650.D

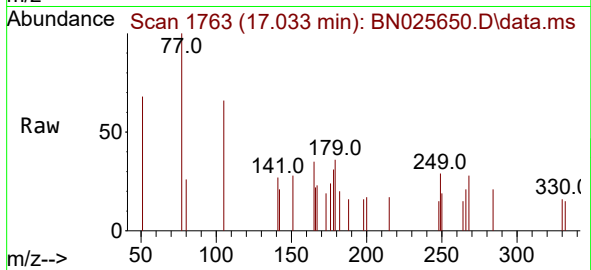
Acq: 27 May 2023 18:12

Instrument :

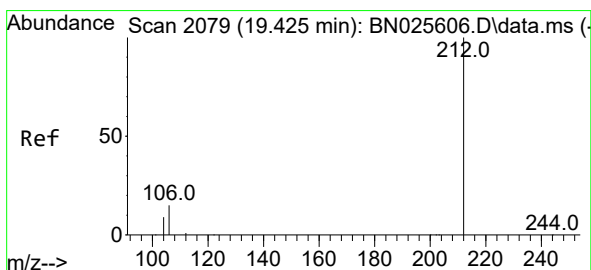
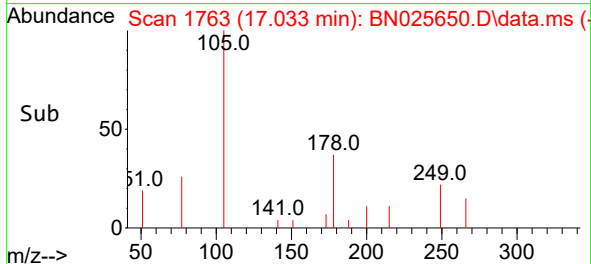
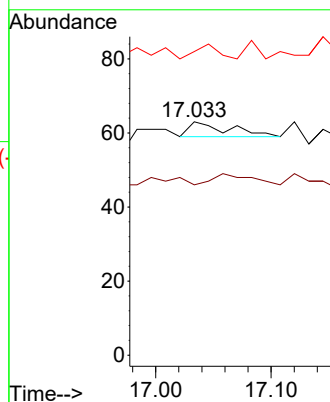
BNA_N

ClientSampleId :

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



#27

Fluoranthene-d10

Concen: 0.434 ng

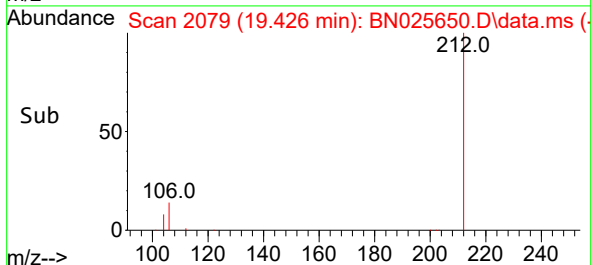
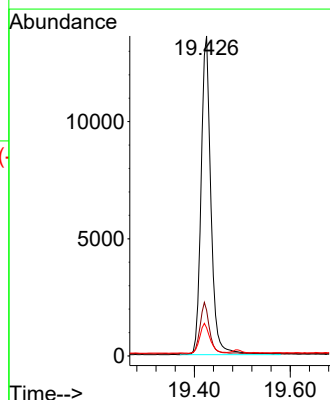
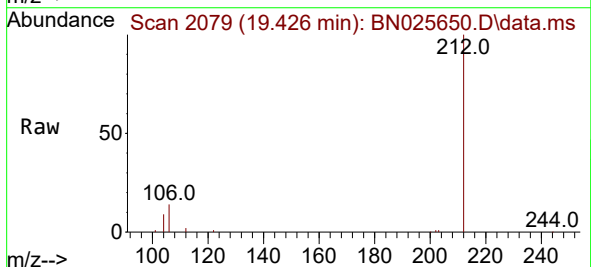
RT: 19.426 min Scan# 2079

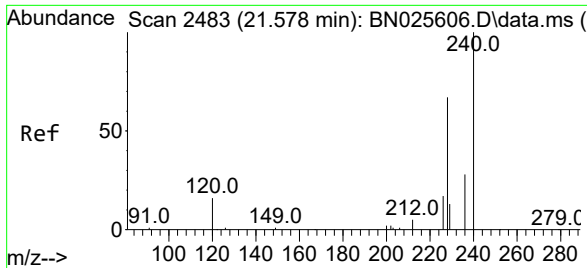
Delta R.T. 0.005 min

Lab File: BN025650.D

Acq: 27 May 2023 18:12

Tgt Ion:	212	Resp:	19393
Ion Ratio	Lower	Upper	
212	100		
106	15.5	12.3	18.5
104	9.8	7.2	10.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.578 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BN025650.D

Acq: 27 May 2023 18:12

Instrument :

BNA_N

ClientSampleId :

TT161S1-20230519

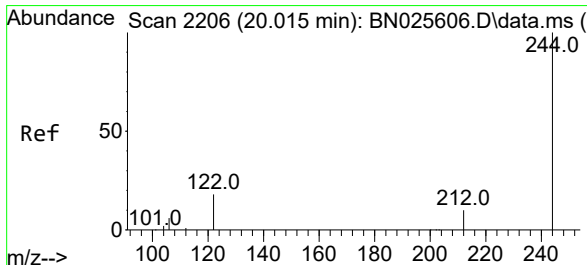
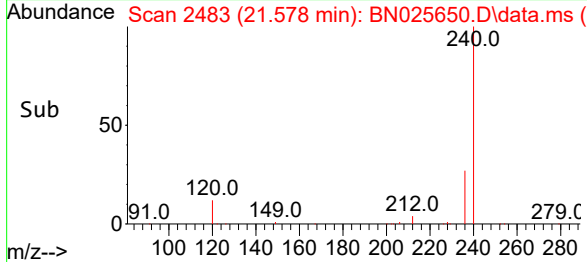
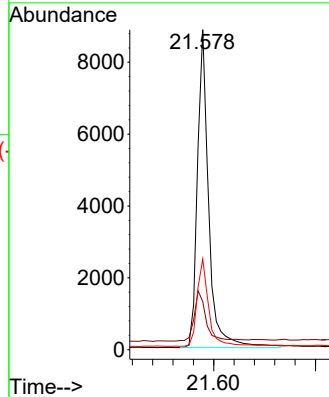
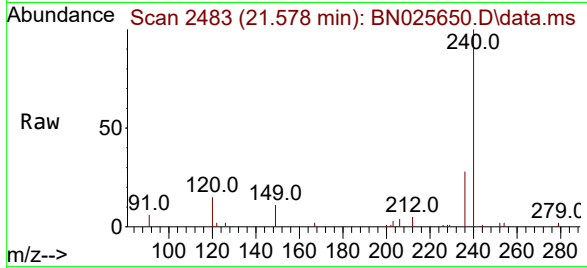
Tgt Ion:240 Resp: 13582

Ion Ratio Lower Upper

240 100

120 15.0 15.4 23.0#

236 28.4 23.2 34.8



#31

Terphenyl-d14

Concen: 0.398 ng

RT: 20.011 min Scan# 2205

Delta R.T. -0.005 min

Lab File: BN025650.D

Acq: 27 May 2023 18:12

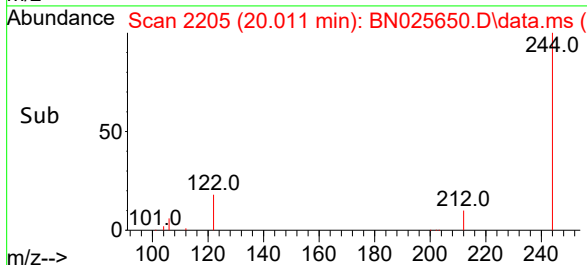
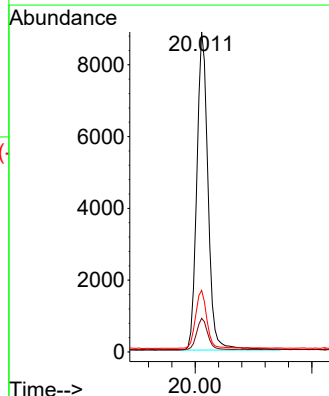
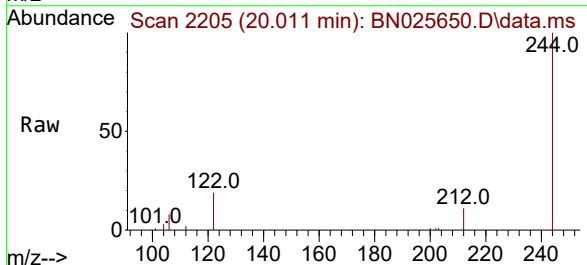
Tgt Ion:244 Resp: 11848

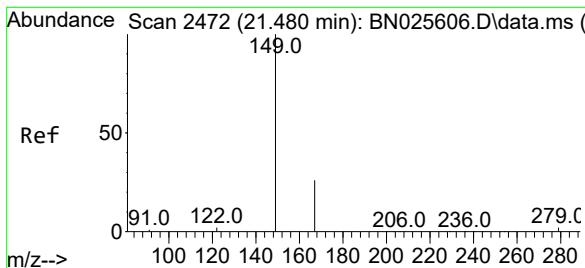
Ion Ratio Lower Upper

244 100

212 10.5 8.5 12.7

122 19.2 14.9 22.3

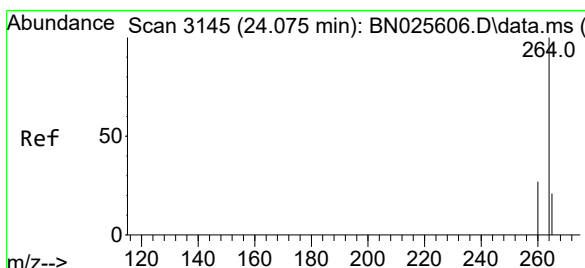
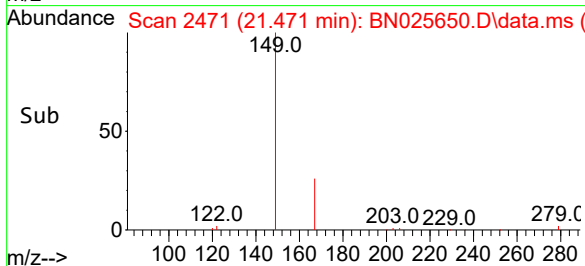
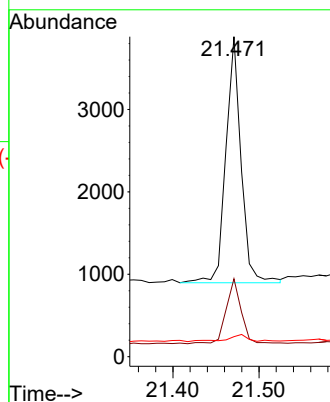
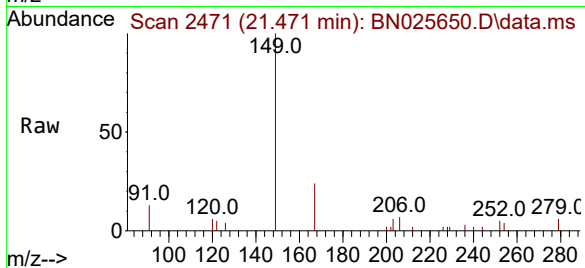




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.118 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. 0.000 min
 Lab File: BN025650.D
 Acq: 27 May 2023 18:12

Instrument :
 BNA_N
 ClientSampleId :
 TT161S1-20230519

Tgt Ion:149 Resp: 3649
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.4 30.6
 279 4.1 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.051 min Scan# 3137
 Delta R.T. -0.017 min
 Lab File: BN025650.D
 Acq: 27 May 2023 18:12

Tgt Ion:264 Resp: 12140
 Ion Ratio Lower Upper
 264 100
 260 26.8 22.3 33.5
 265 55.3 54.3 81.5

