

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025666.D
 Acq On : 28 May 2023 04:56
 Operator : CG/JU
 Sample : 02911-12
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT150S1-20230522

Quant Time: May 29 01:13:39 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)

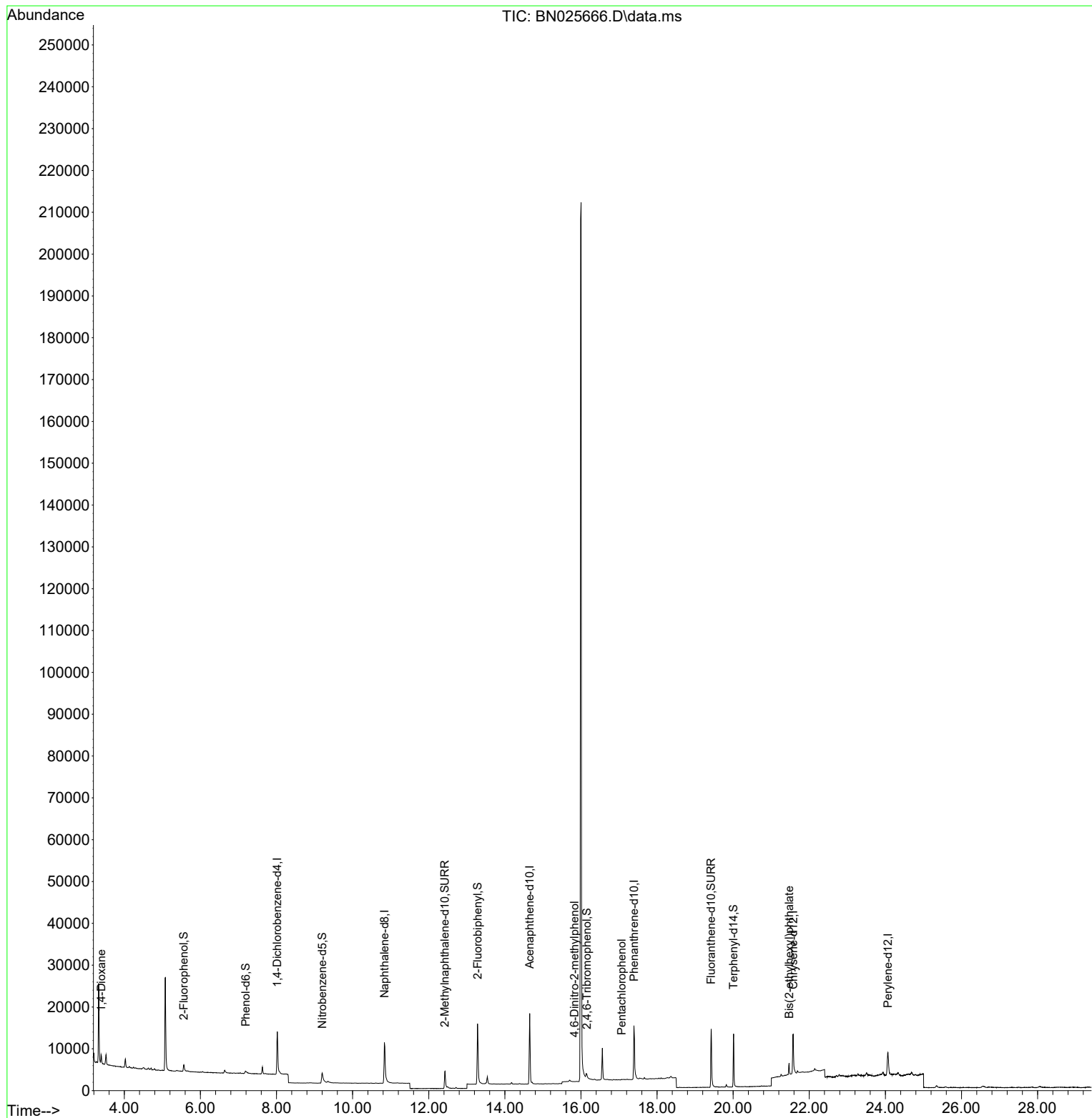
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	6349	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	17319	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	10062	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	20760	0.400	ng	0.00
29) Chrysene-d12	21.578	240	11899	0.400	ng	# 0.00
35) Perylene-d12	24.066	264	10725	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1846	0.113	ng	0.00
5) Phenol-d6	7.189	99	1078	0.055	ng	0.01
8) Nitrobenzene-d5	9.202	82	3934	0.271	ng	0.01
11) 2-Methylnaphthalene-d10	12.423	152	7535	0.305	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	828	0.407	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	14624	0.352	ng	0.00
27) Fluoranthene-d10	19.421	212	17483	0.372	ng	0.00
31) Terphenyl-d14	20.011	244	12624	0.485	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.397	88	1297	0.176	ng	# 85
20) 4,6-Dinitro-2-methylph...	15.829	198	7	0.116	ng	# 1
24) Pentachlorophenol	17.071	266	6	0.370	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.471	149	2975	0.110	ng	97

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

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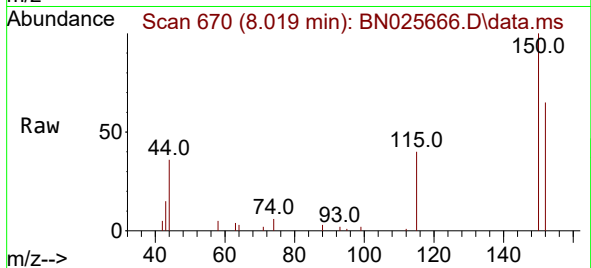
Quant Time: May 29 01:13:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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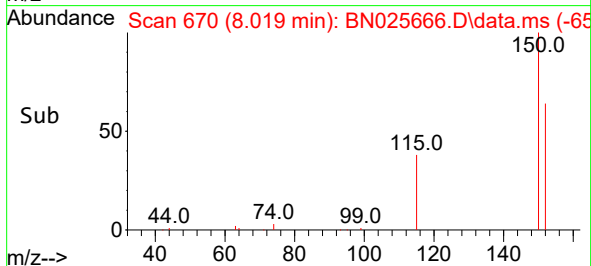
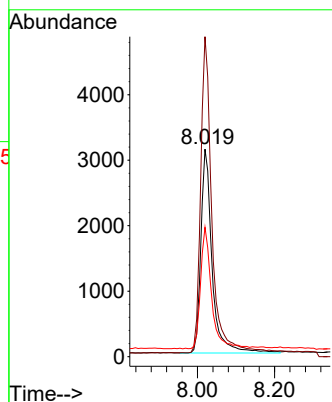


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025666.D
Acq: 28 May 2023 04:56

Instrument :
BNA_N
ClientSampleId :
TT150S1-20230522

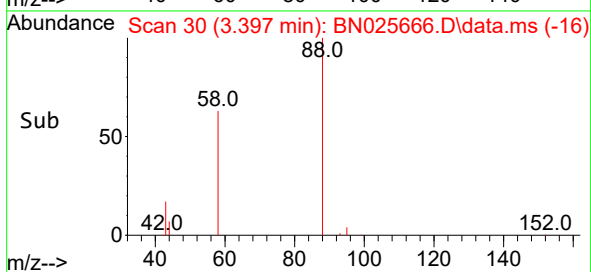
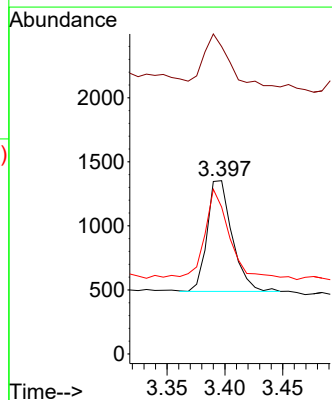
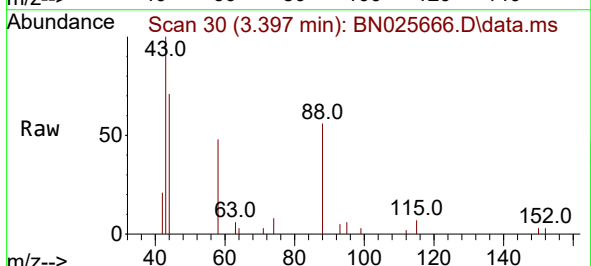


Tgt Ion:152 Resp: 6349
Ion Ratio Lower Upper
152 100
150 154.2 121.0 181.6
115 62.4 48.5 72.7



#2
1,4-Dioxane
Concen: 0.176 ng
RT: 3.397 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN025666.D
Acq: 28 May 2023 04:56

Tgt Ion: 88 Resp: 1297
Ion Ratio Lower Upper
88 100
43 48.1 26.5 39.7#
58 78.9 56.8 85.2

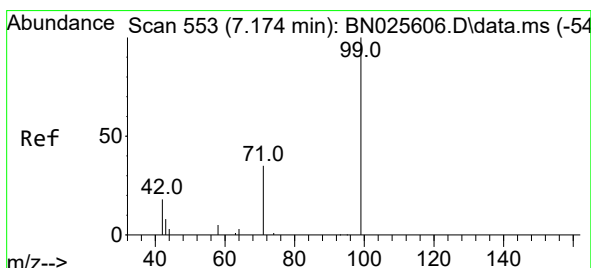
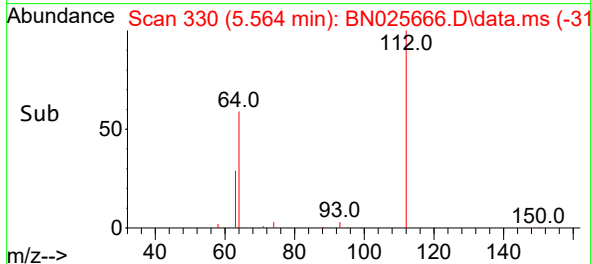
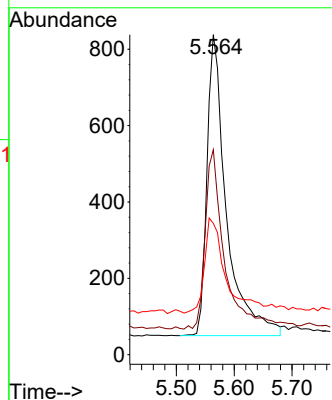
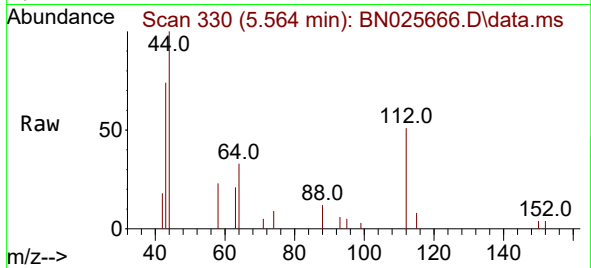




#4
2-Fluorophenol
Concen: 0.113 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025666.D
Acq: 28 May 2023 04:56

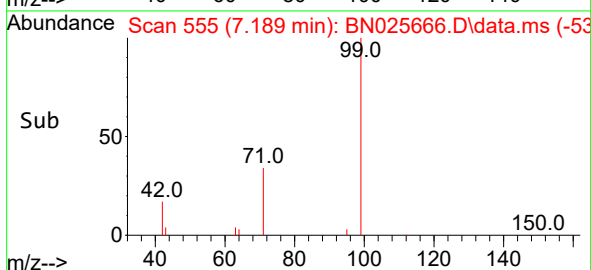
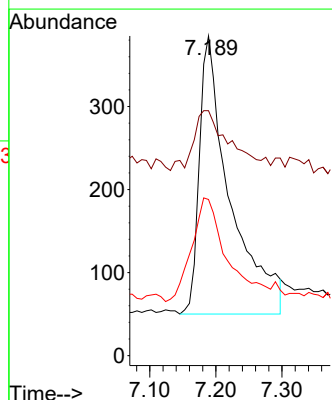
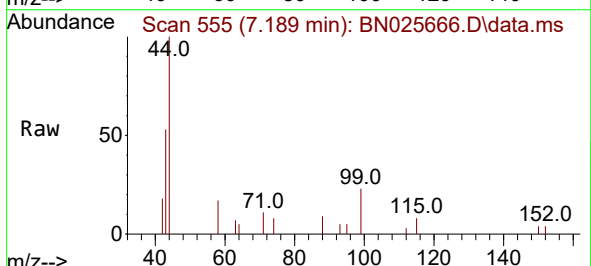
Instrument :
BNA_N
ClientSampleId :
TT150S1-20230522

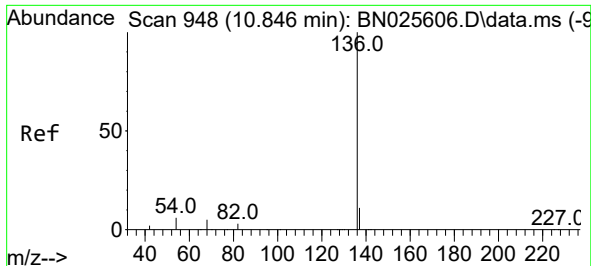
Tgt Ion:112 Resp: 1846
Ion Ratio Lower Upper
112 100
64 58.8 45.7 68.5
63 34.4 26.2 39.2



#5
Phenol-d6
Concen: 0.055 ng
RT: 7.189 min Scan# 555
Delta R.T. 0.014 min
Lab File: BN025666.D
Acq: 28 May 2023 04:56

Tgt Ion: 99 Resp: 1078
Ion Ratio Lower Upper
99 100
42 25.6 17.1 25.7
71 43.6 29.3 43.9

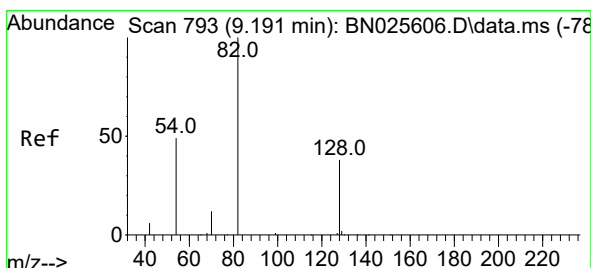
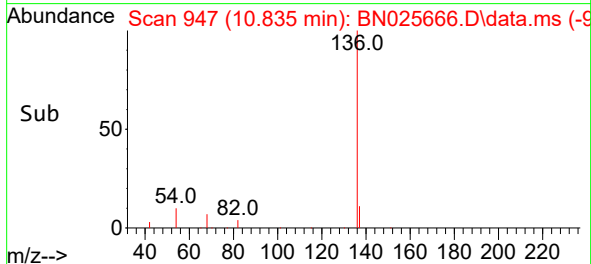
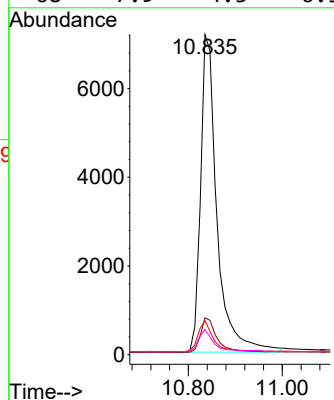
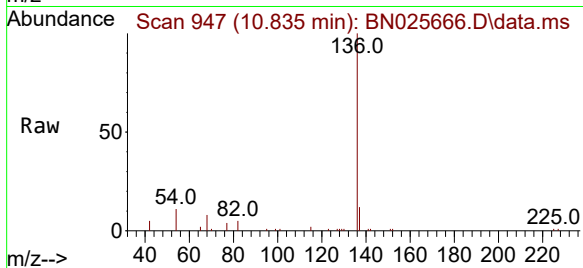




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN025666.D
Acq: 28 May 2023 04:56

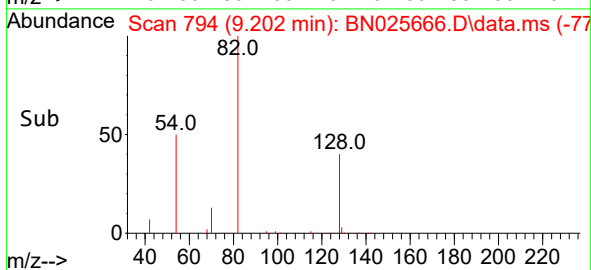
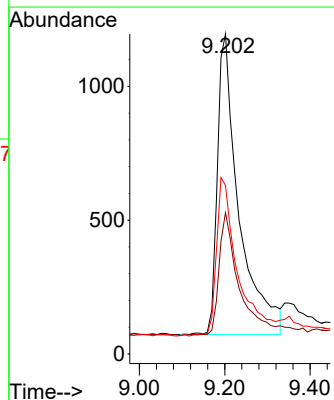
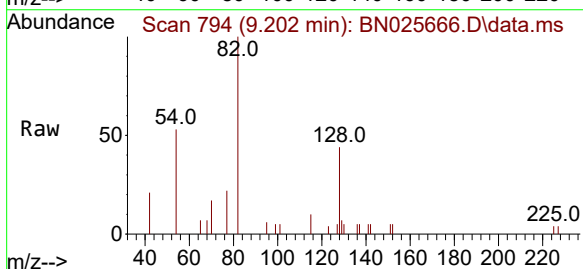
Instrument :
BNA_N
ClientSampleId :
TT150S1-20230522

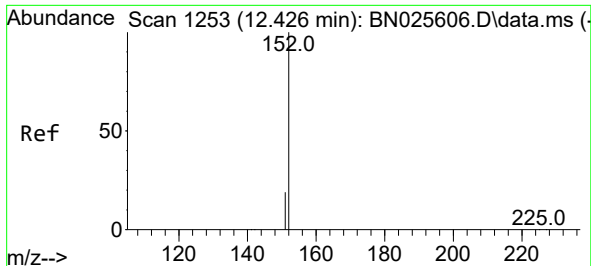
Tgt Ion:	136	Resp:	17319
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	10.7	5.4	8.0#
68	7.9	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.271 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025666.D
Acq: 28 May 2023 04:56

Tgt Ion:	82	Resp:	3934
Ion Ratio	Lower	Upper	
82	100		
128	44.1	32.5	48.7
54	52.7	40.6	60.8





#11

2-Methylnaphthalene-d10

Concen: 0.305 ng

RT: 12.423 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BN025666.D

Acq: 28 May 2023 04:56

Instrument :

BNA_N

ClientSampleId :

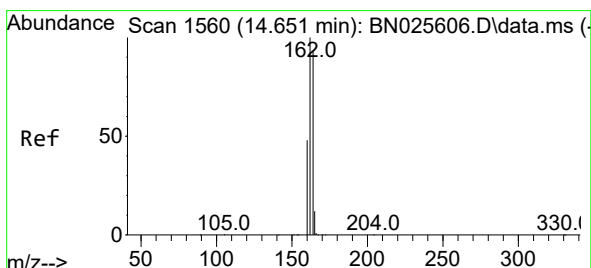
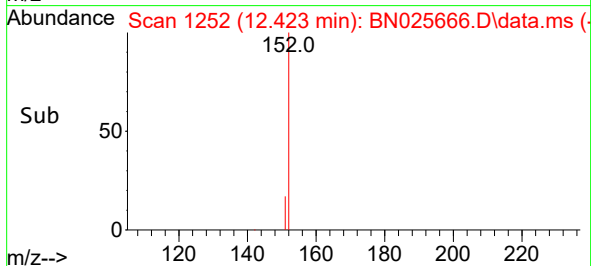
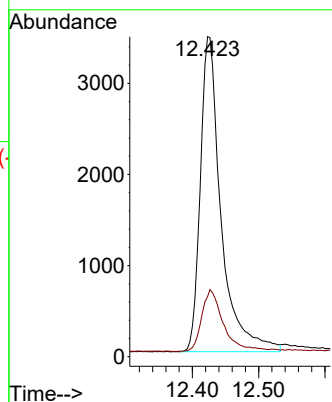
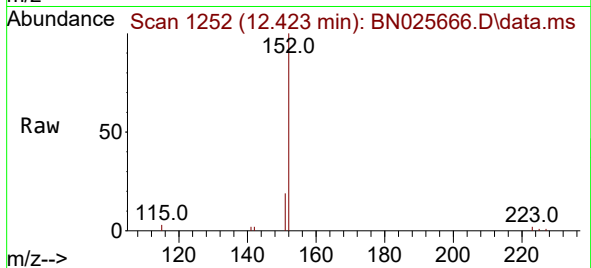
TT150S1-20230522

Tgt Ion:152 Resp: 7535

Ion Ratio Lower Upper

152 100

151 20.4 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: BN025666.D

Acq: 28 May 2023 04:56

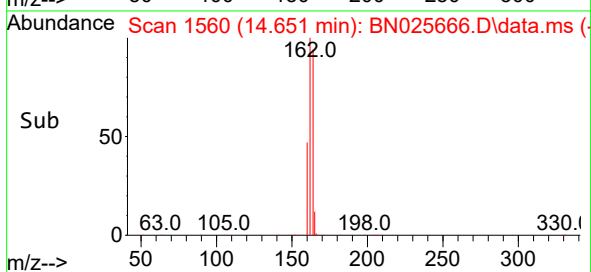
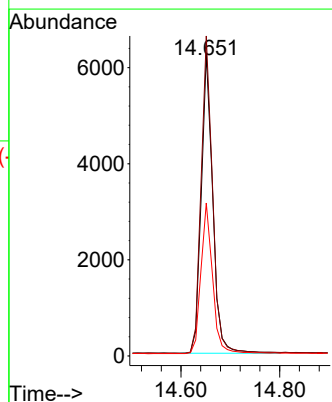
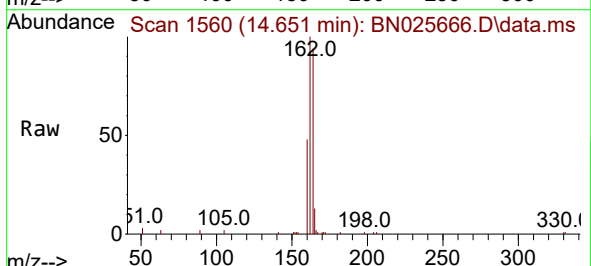
Tgt Ion:164 Resp: 10062

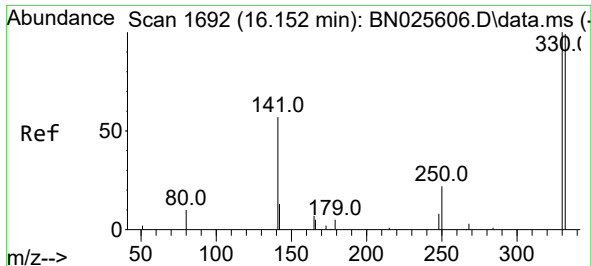
Ion Ratio Lower Upper

164 100

162 106.1 86.4 129.6

160 50.7 41.9 62.9

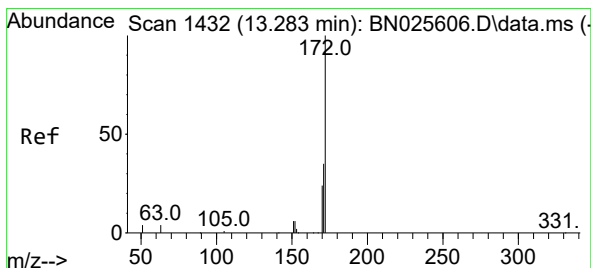
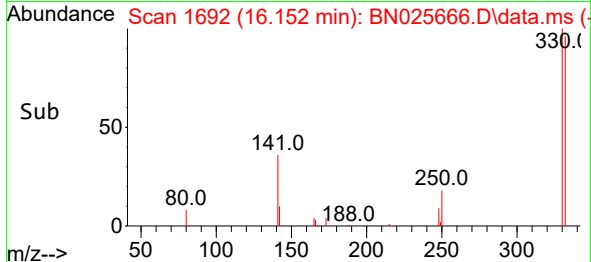
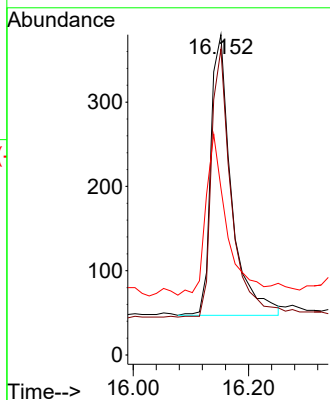
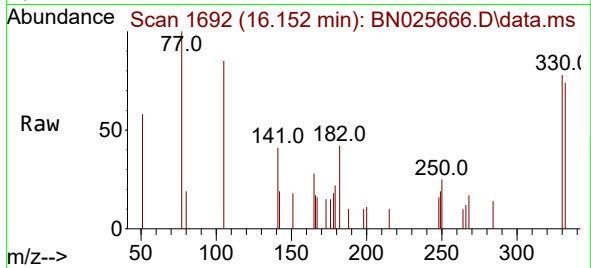




#14
2,4,6-Tribromophenol
Concen: 0.407 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025666.D
Acq: 28 May 2023 04:56

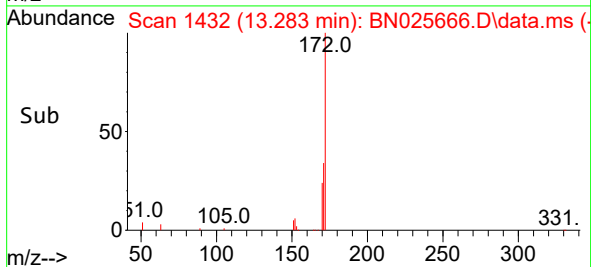
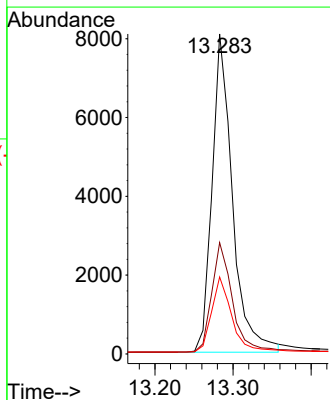
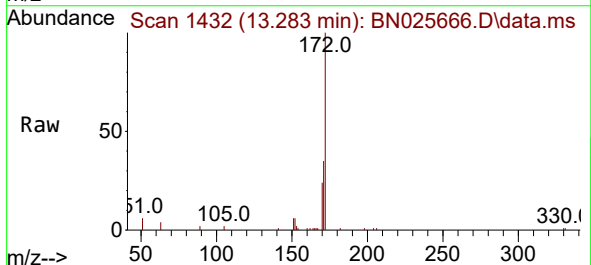
Instrument :
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ClientSampleId :
TT150S1-20230522

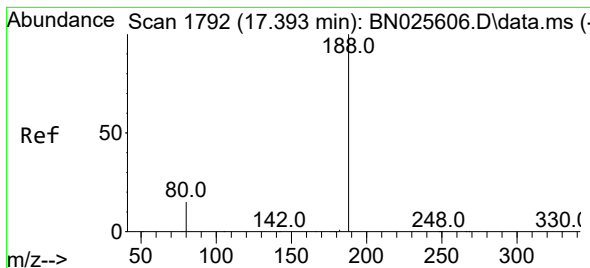
Tgt Ion:	330	Resp:	828
Ion Ratio	Lower	Upper	
330	100		
332	92.6	80.0	120.0
141	58.5	45.8	68.6



#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025666.D
Acq: 28 May 2023 04:56

Tgt Ion:	172	Resp:	14624
Ion Ratio	Lower	Upper	
172	100		
171	34.8	28.6	42.8
170	24.0	19.7	29.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.393 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN025666.D

Acq: 28 May 2023 04:56

Instrument :

BNA_N

ClientSampleId :

TT150S1-20230522

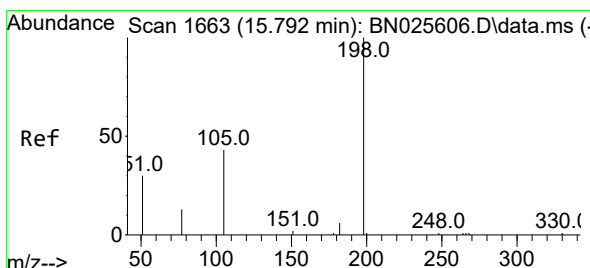
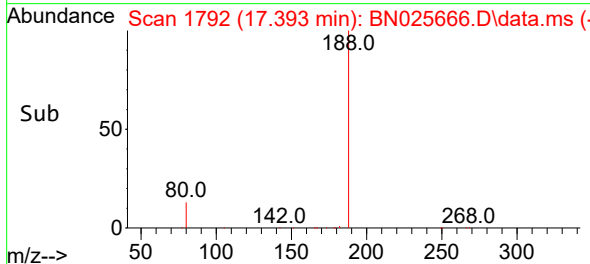
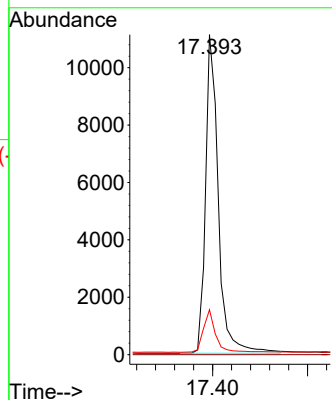
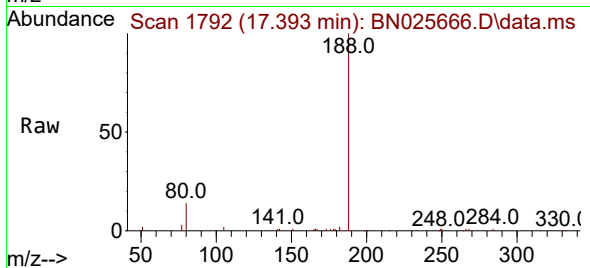
Tgt Ion:188 Resp: 20760

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: 0.116 ng

RT: 15.829 min Scan# 1666

Delta R.T. 0.037 min

Lab File: BN025666.D

Acq: 28 May 2023 04:56

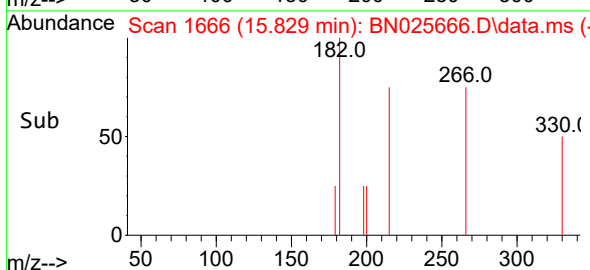
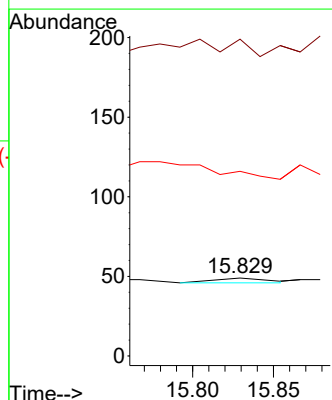
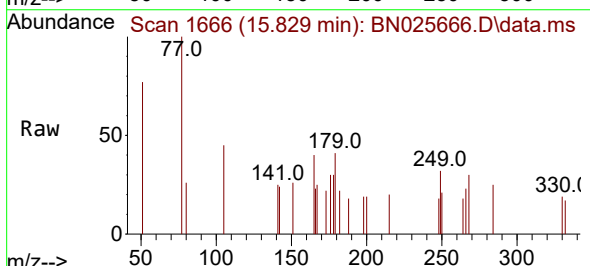
Tgt Ion:198 Resp: 7

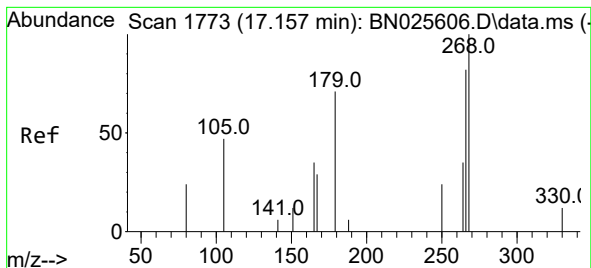
Ion Ratio Lower Upper

198 100

51 406.1 110.8 166.2#

105 236.7 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.370 ng

RT: 17.071 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN025666.D

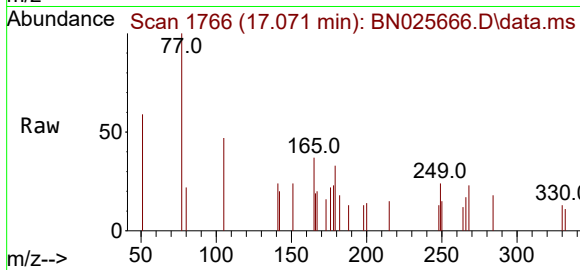
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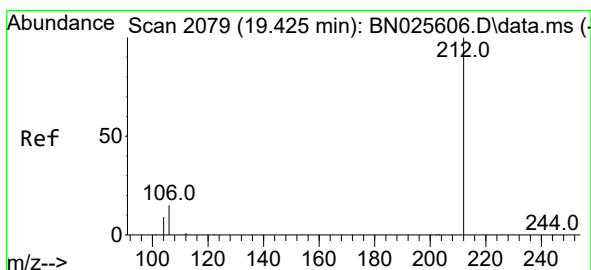
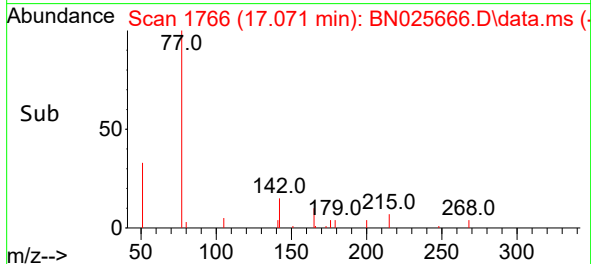
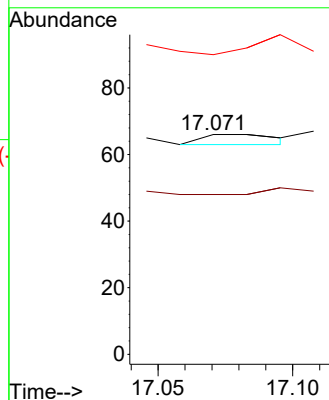
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 0.0 60.0 90.0#

268 0.0 0.0 0.0



#27

Fluoranthene-d10

Concen: 0.372 ng

RT: 19.421 min Scan# 2078

Delta R.T. -0.000 min

Lab File: BN025666.D

Acq: 28 May 2023 04:56

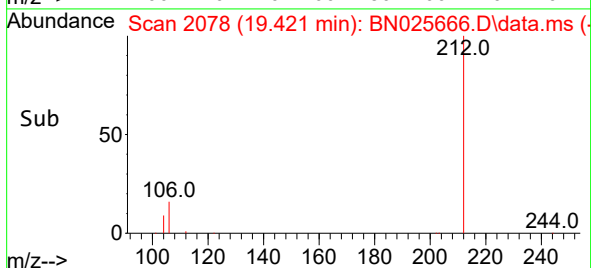
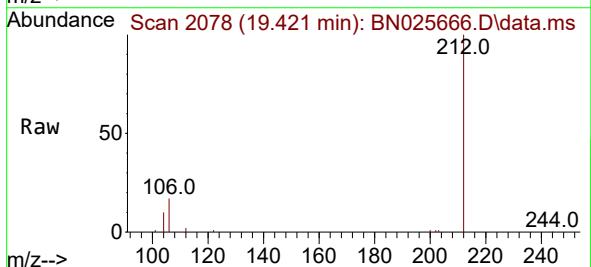
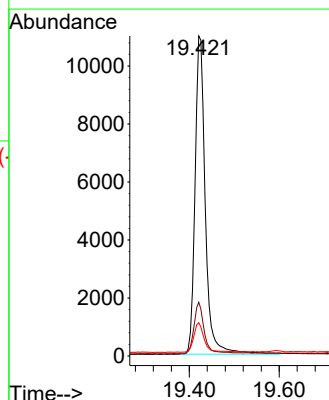
Tgt Ion:212 Resp: 17483

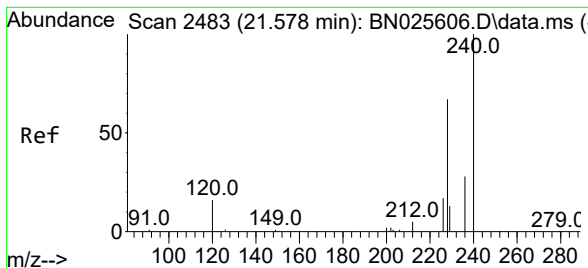
Ion Ratio Lower Upper

212 100

106 15.7 12.3 18.5

104 9.5 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: BN025666.D

Acq: 28 May 2023 04:56

Instrument :

BNA_N

ClientSampleId :

TT150S1-20230522

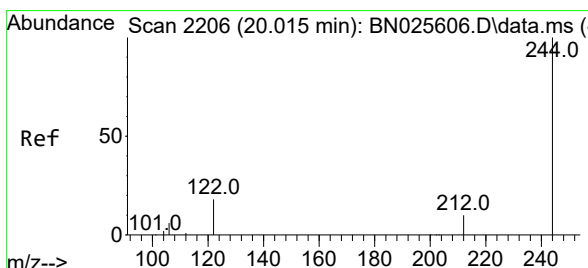
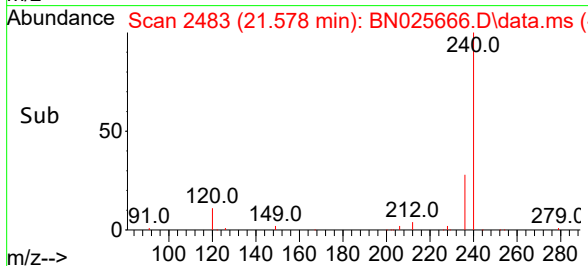
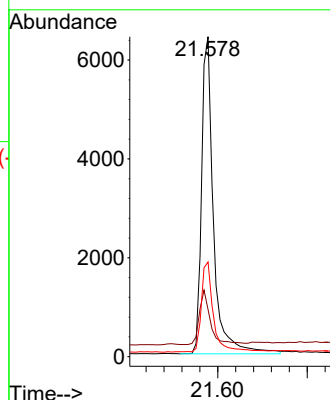
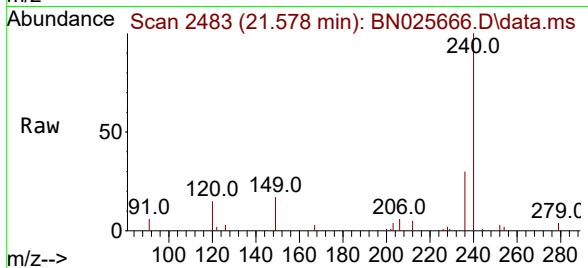
Tgt Ion:240 Resp: 11899

Ion Ratio Lower Upper

240 100

120 14.8 15.4 23.0#

236 29.6 23.2 34.8



#31

Terphenyl-d14

Concen: 0.485 ng

RT: 20.011 min Scan# 2205

Delta R.T. -0.005 min

Lab File: BN025666.D

Acq: 28 May 2023 04:56

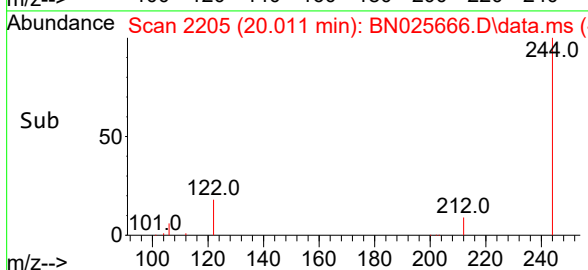
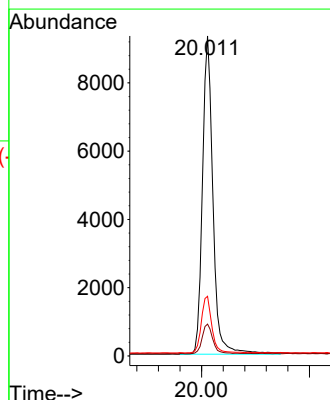
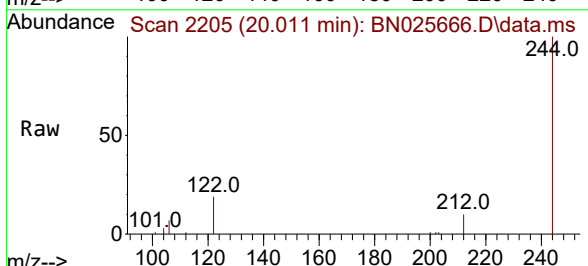
Tgt Ion:244 Resp: 12624

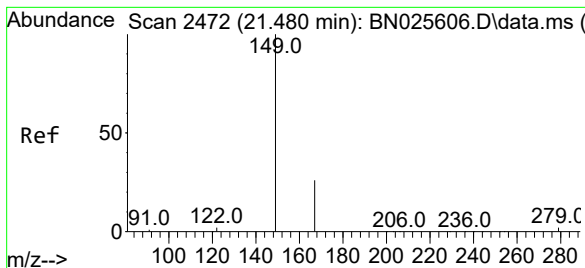
Ion Ratio Lower Upper

244 100

212 9.9 8.5 12.7

122 18.6 14.9 22.3

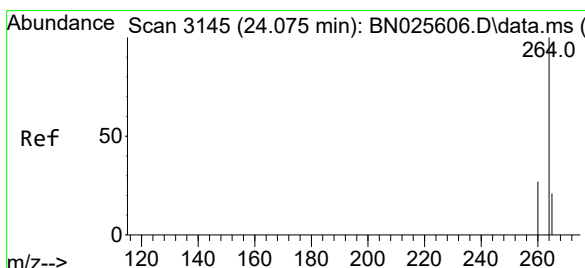
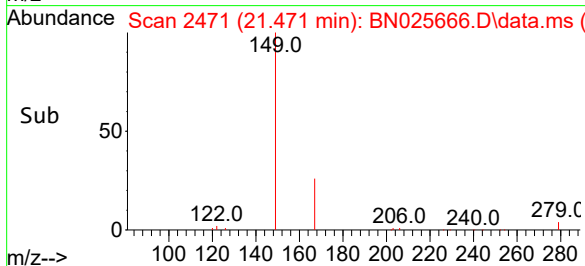
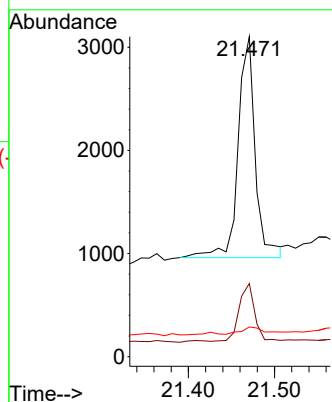
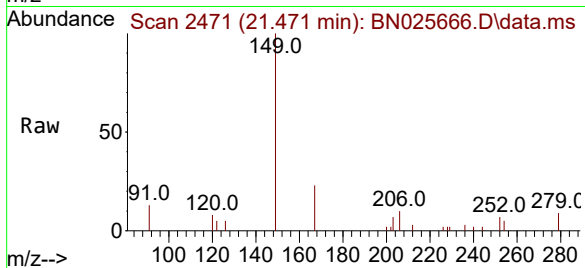




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.110 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BN025666.D
 Acq: 28 May 2023 04:56

Instrument :
 BNA_N
 ClientSampleId :
 TT150S1-20230522

Tgt Ion:149 Resp: 2975
 Ion Ratio Lower Upper
 149 100
 167 23.8 20.4 30.6
 279 4.3 3.3 4.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.066 min Scan# 3142
 Delta R.T. -0.003 min
 Lab File: BN025666.D
 Acq: 28 May 2023 04:56

Tgt Ion:264 Resp: 10725
 Ion Ratio Lower Upper
 264 100
 260 27.1 22.3 33.5
 265 64.7 54.3 81.5

