

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025664.D
 Acq On : 28 May 2023 03:45
 Operator : CG/JU
 Sample : 02911-09
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20230522

Quant Time: May 29 01:13:17 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)

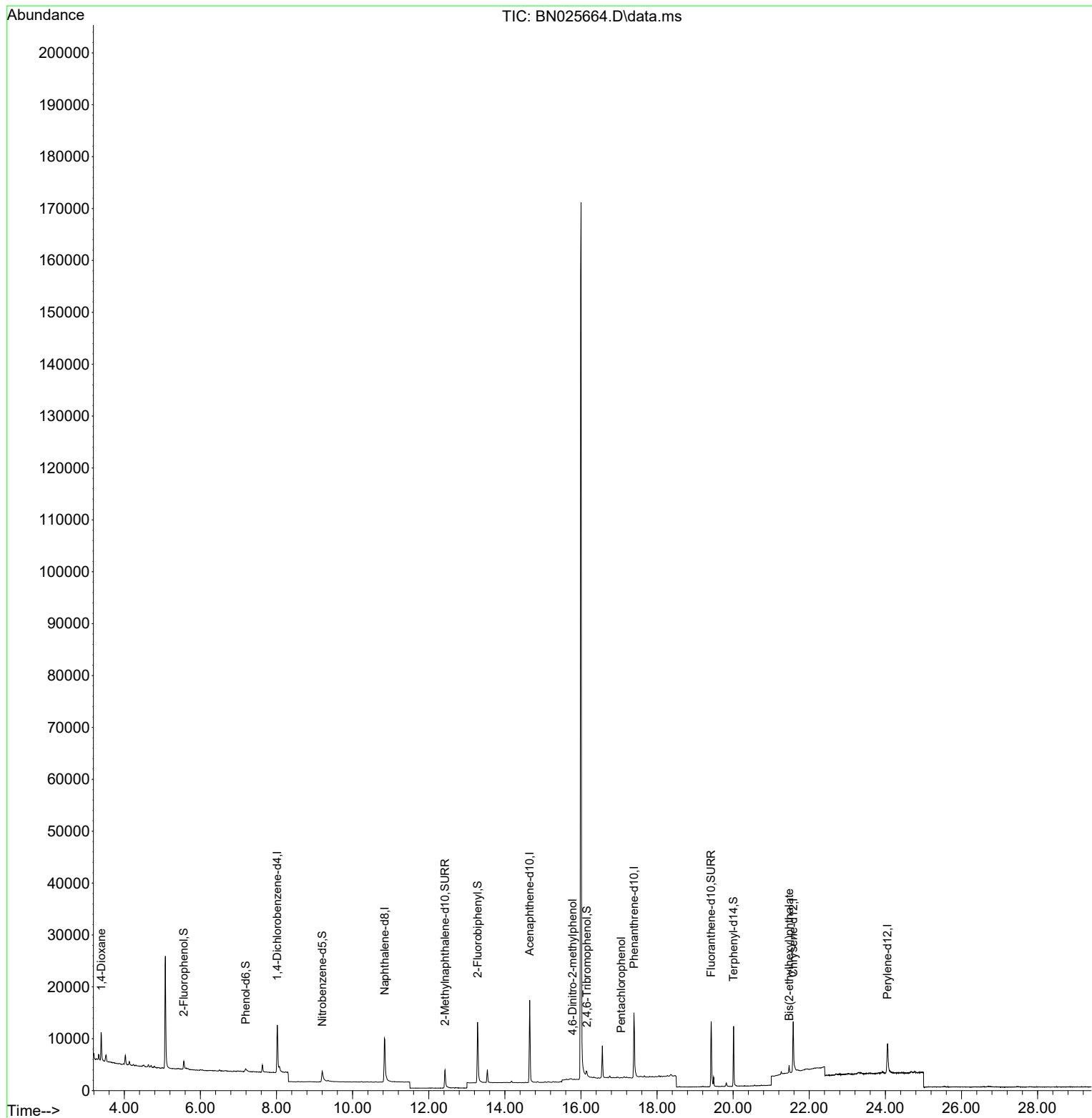
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5670	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	15531	0.400	ng	0.01
13) Acenaphthene-d10	14.651	164	9273	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	19285	0.400	ng	0.00
29) Chrysene-d12	21.578	240	10790	0.400	ng	0.00
35) Perylene-d12	24.054	264	9533	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1724	0.119	ng	0.00
5) Phenol-d6	7.189	99	966	0.055	ng	0.01
8) Nitrobenzene-d5	9.202	82	3242	0.249	ng	0.01
11) 2-Methylnaphthalene-d10	12.426	152	6581	0.297	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	692	0.369	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	12077	0.316	ng	0.00
27) Fluoranthene-d10	19.421	212	15565	0.356	ng	0.00
31) Terphenyl-d14	20.011	244	11340	0.480	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.397	88	3549	0.541	ng	Qvalue
20) 4,6-Dinitro-2-methylph...	15.780	198	8	0.116	ng	# 95
24) Pentachlorophenol	17.058	266	11	0.374	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.471	149	1606	0.066	ng	# 12

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

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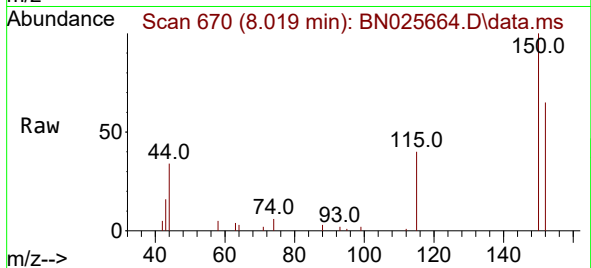
Quant Time: May 29 01:13:17 2023
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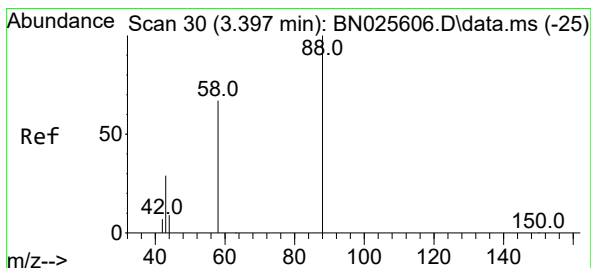
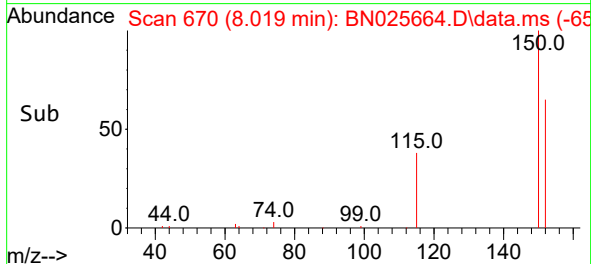
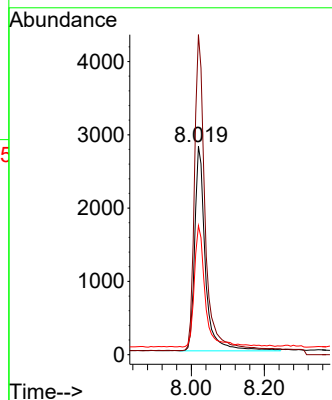


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025664.D
Acq: 28 May 2023 03:45

Instrument :
BNA_N
ClientSampleId :
TT17411-20230522

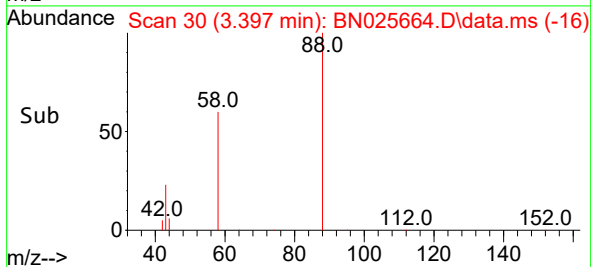
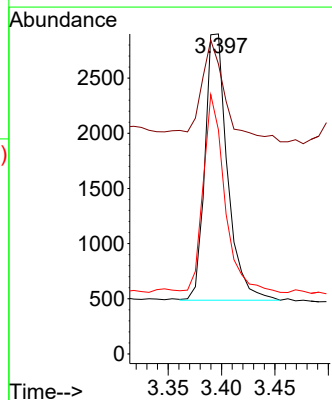
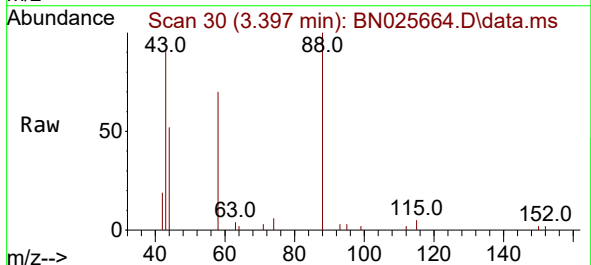


Tgt Ion:152 Resp: 5670
Ion Ratio Lower Upper
152 100
150 153.6 121.0 181.6
115 61.9 48.5 72.7



#2
1,4-Dioxane
Concen: 0.541 ng
RT: 3.397 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN025664.D
Acq: 28 May 2023 03:45

Tgt Ion: 88 Resp: 3549
Ion Ratio Lower Upper
88 100
43 42.2 26.5 39.7#
58 71.0 56.8 85.2

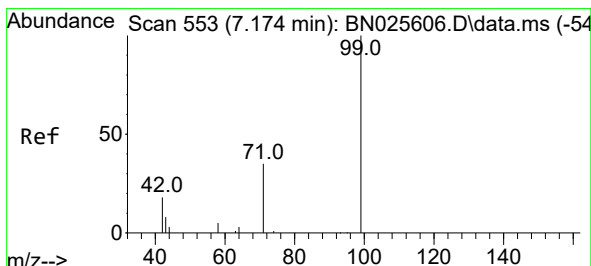
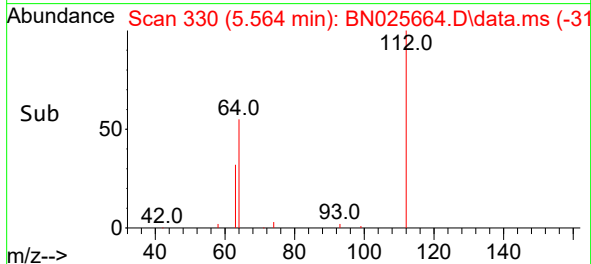
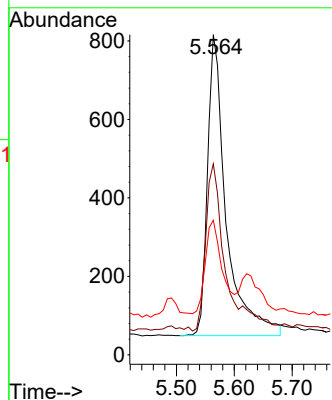
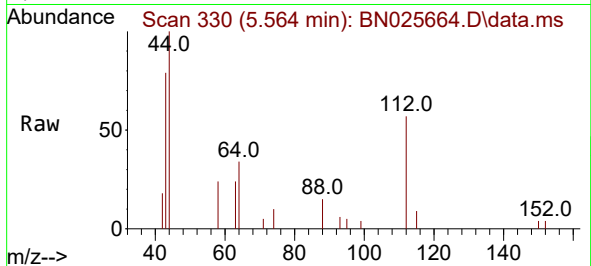




#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025664.D
Acq: 28 May 2023 03:45

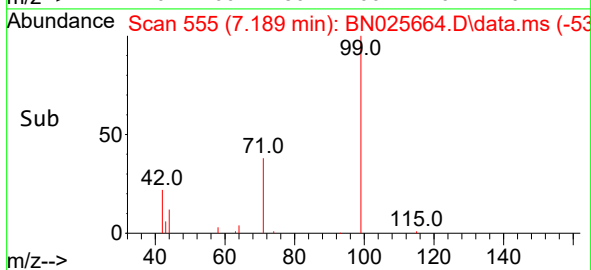
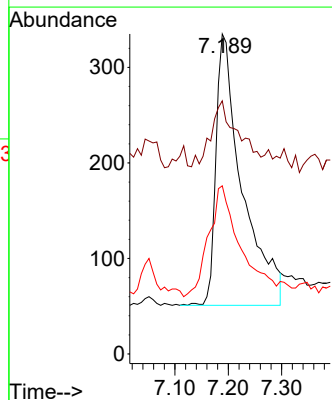
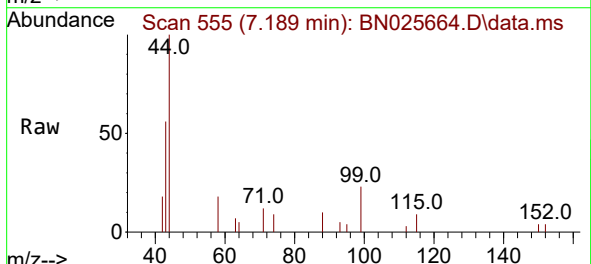
Instrument :
BNA_N
ClientSampleId :
TT17411-20230522

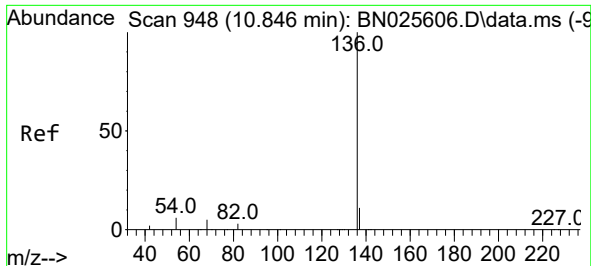
Tgt Ion:112 Resp: 1724
Ion Ratio Lower Upper
112 100
64 58.9 45.7 68.5
63 28.0 26.2 39.2



#5
Phenol-d6
Concen: 0.055 ng
RT: 7.189 min Scan# 555
Delta R.T. 0.014 min
Lab File: BN025664.D
Acq: 28 May 2023 03:45

Tgt Ion: 99 Resp: 966
Ion Ratio Lower Upper
99 100
42 24.9 17.1 25.7
71 49.7 29.3 43.9#

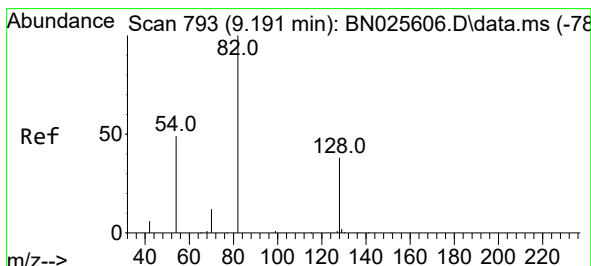
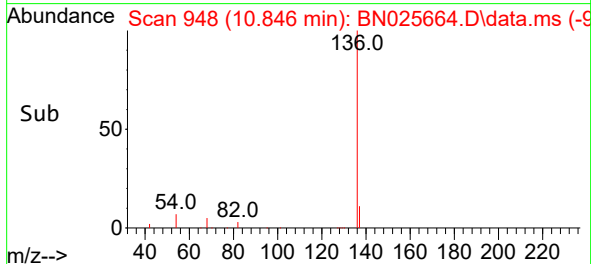
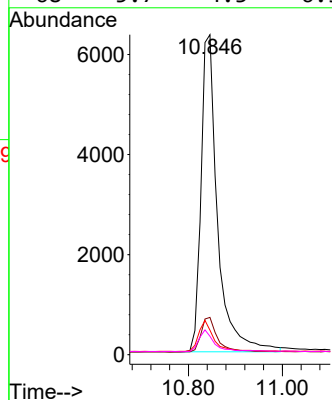
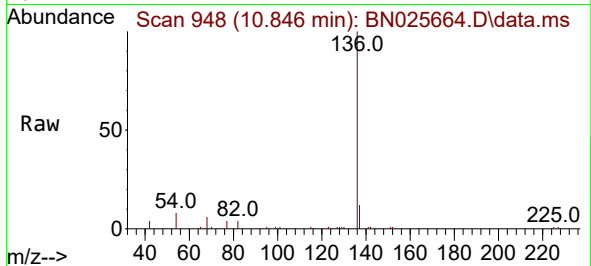




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 948
Delta R.T. 0.011 min
Lab File: BN025664.D
Acq: 28 May 2023 03:45

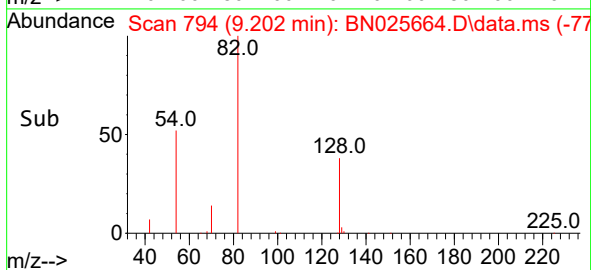
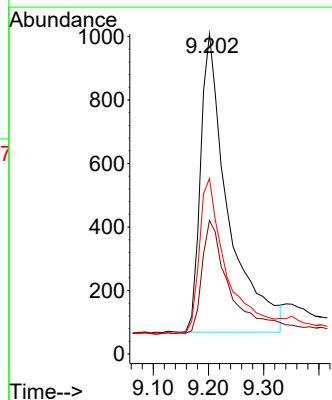
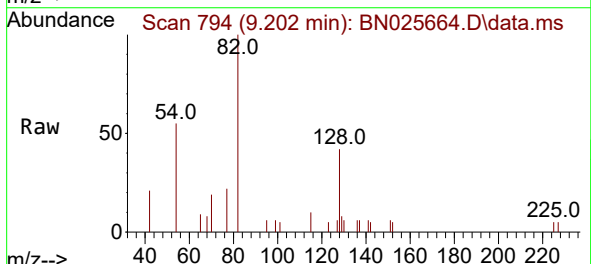
Instrument :
BNA_N
ClientSampleId :
TT17411-20230522

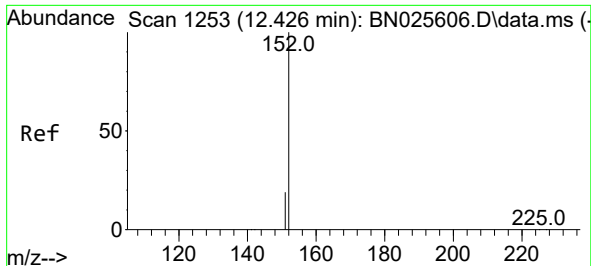
Tgt Ion:	136	Resp:	15531
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.6	5.4	8.0
68	5.7	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.249 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025664.D
Acq: 28 May 2023 03:45

Tgt Ion:	82	Resp:	3242
Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.5	48.7
54	54.9	40.6	60.8

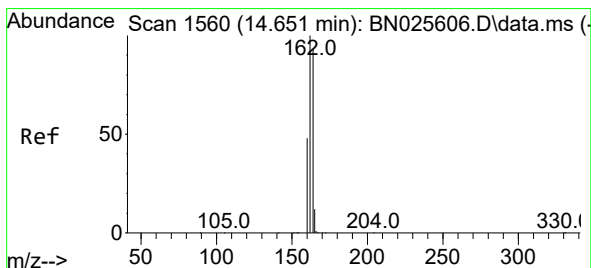
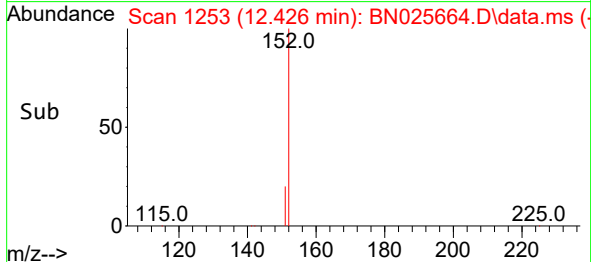
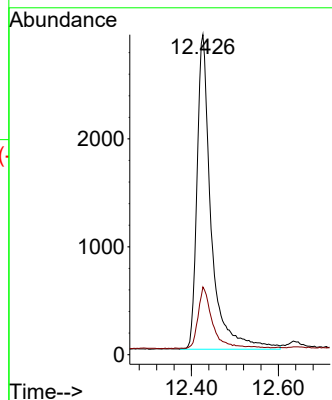
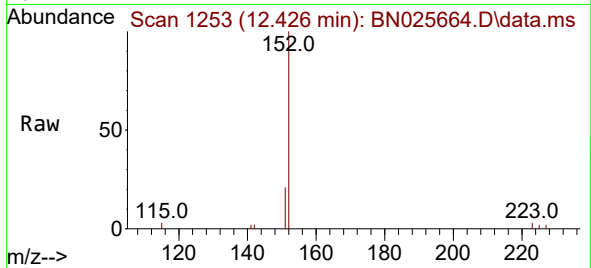




#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 12.426 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN025664.D
Acq: 28 May 2023 03:45

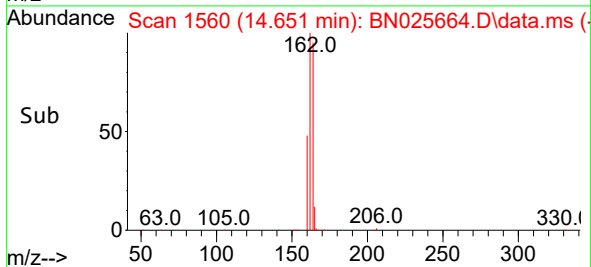
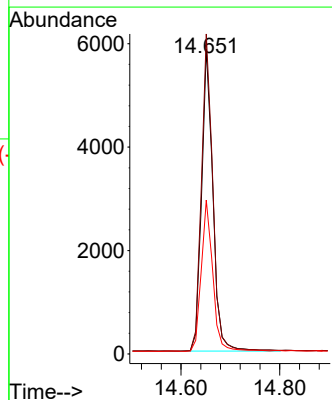
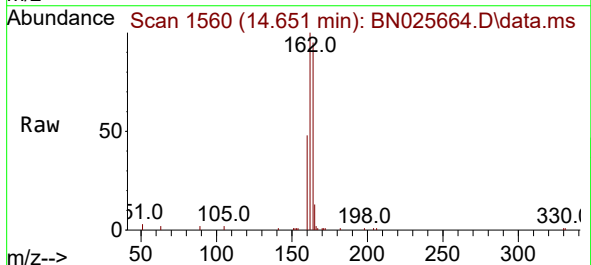
Instrument :
BNA_N
ClientSampleId :
TT17411-20230522

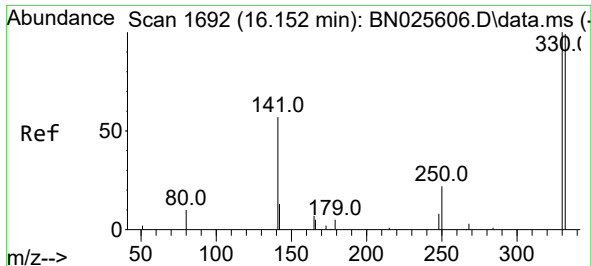
Tgt Ion:152 Resp: 6581
Ion Ratio Lower Upper
152 100
151 19.4 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN025664.D
Acq: 28 May 2023 03:45

Tgt Ion:164 Resp: 9273
Ion Ratio Lower Upper
164 100
162 104.9 86.4 129.6
160 50.5 41.9 62.9

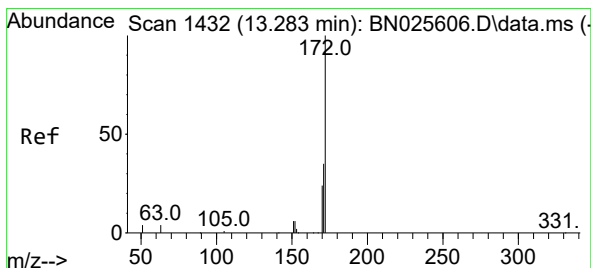
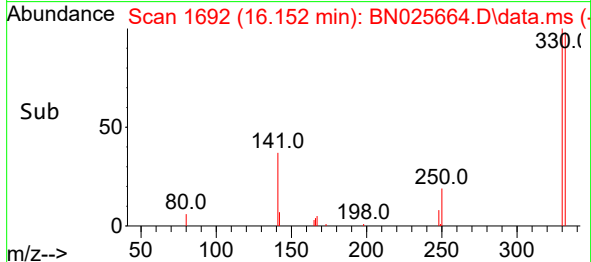
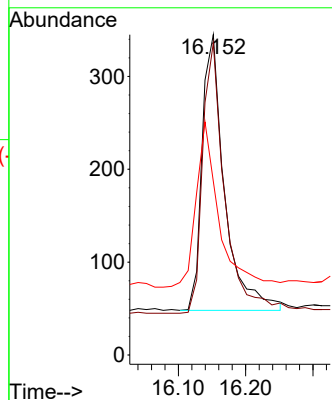
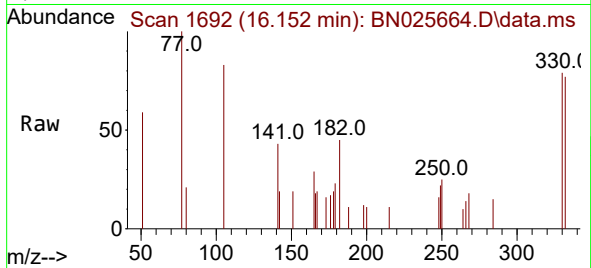




#14
2,4,6-Tribromophenol
Concen: 0.369 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025664.D
Acq: 28 May 2023 03:45

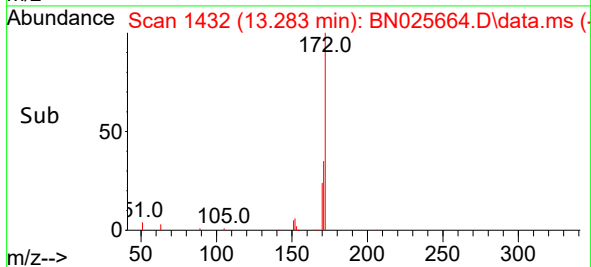
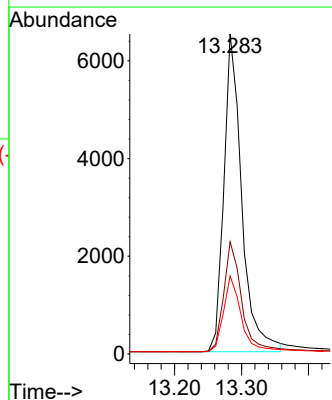
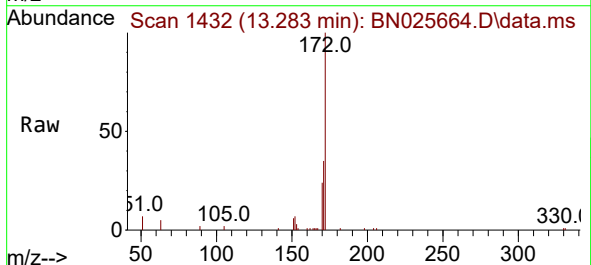
Instrument :
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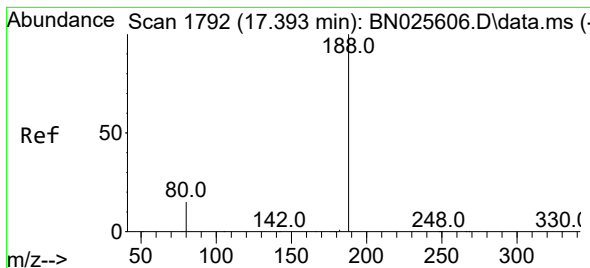
Tgt Ion: 330 Resp: 692
Ion Ratio Lower Upper
330 100
332 95.4 80.0 120.0
141 60.7 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.316 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025664.D
Acq: 28 May 2023 03:45

Tgt Ion: 172 Resp: 12077
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 24.4 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: BN025664.D

Acq: 28 May 2023 03:45

Instrument :

BNA_N

ClientSampleId :

TT17411-20230522

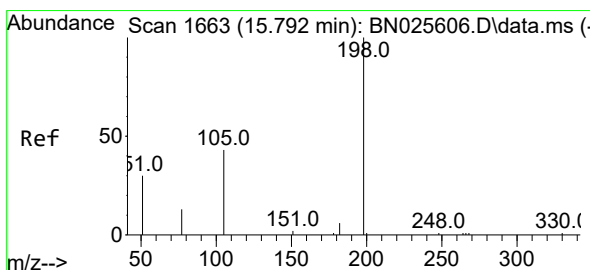
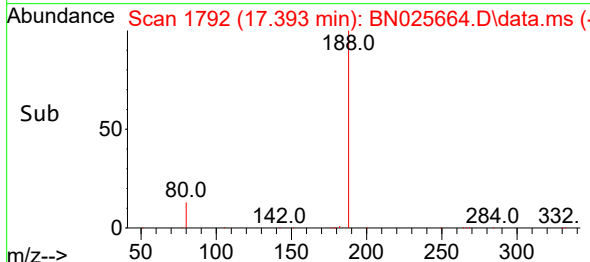
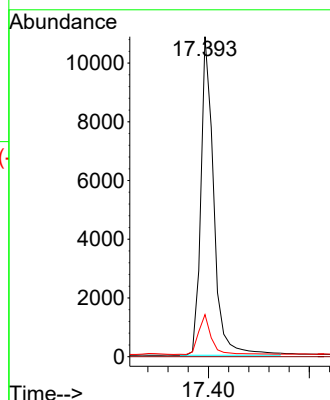
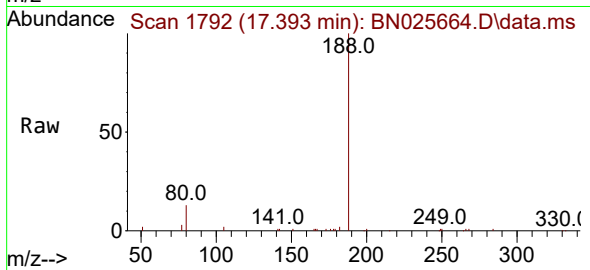
Tgt Ion:188 Resp: 19285

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.1 12.2 18.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.116 ng

RT: 15.780 min Scan# 1662

Delta R.T. -0.013 min

Lab File: BN025664.D

Acq: 28 May 2023 03:45

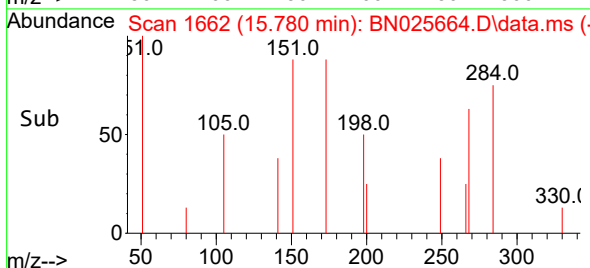
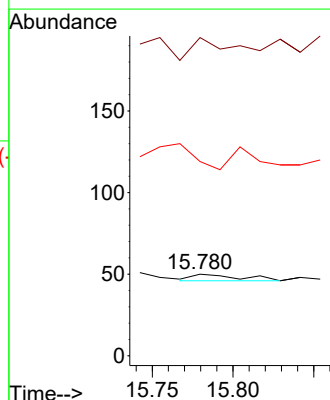
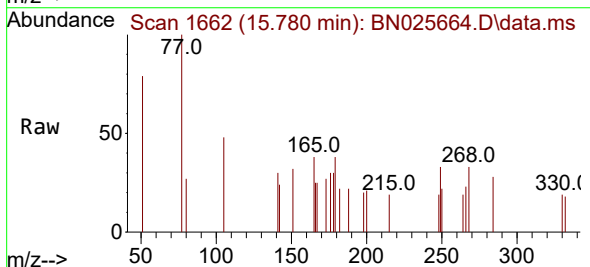
Tgt Ion:198 Resp: 8

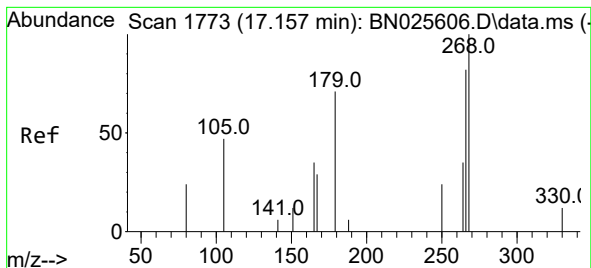
Ion Ratio Lower Upper

198 100

51 390.0 110.8 166.2#

105 238.0 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.374 ng

RT: 17.058 min Scan# 1765

Delta R.T. -0.013 min

Lab File: BN025664.D

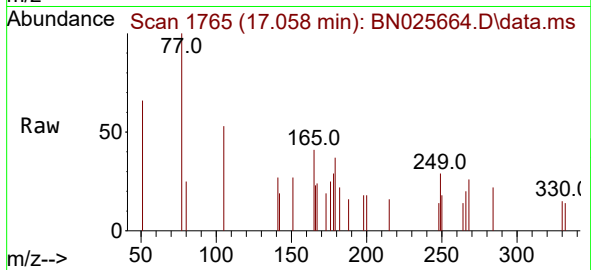
Acq: 28 May 2023 03:45

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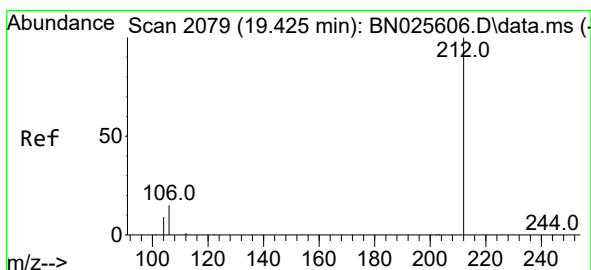
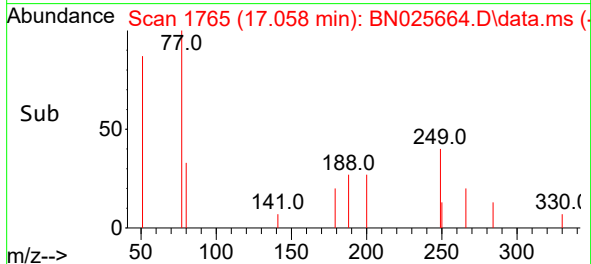
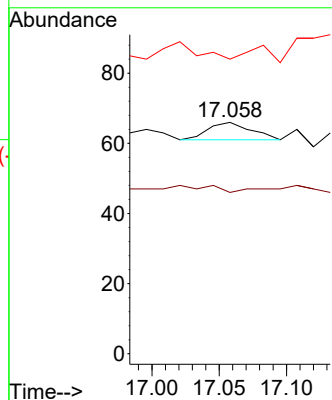
Tgt Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

264 0.0 60.0 90.0#

268 0.0 0.0 0.0



#27

Fluoranthene-d10

Concen: 0.356 ng

RT: 19.421 min Scan# 2078

Delta R.T. -0.000 min

Lab File: BN025664.D

Acq: 28 May 2023 03:45

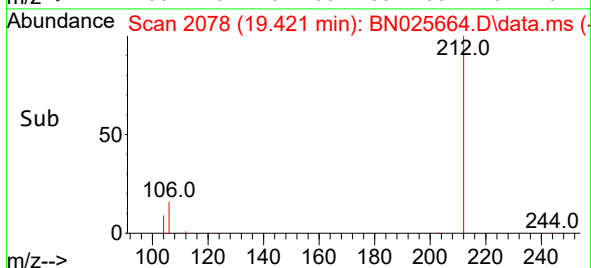
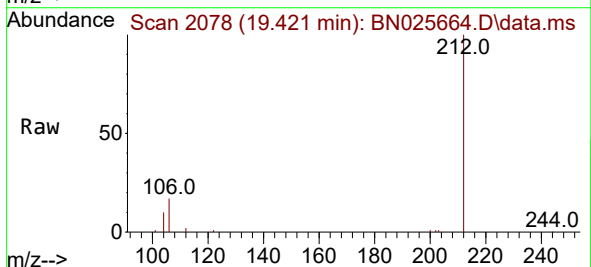
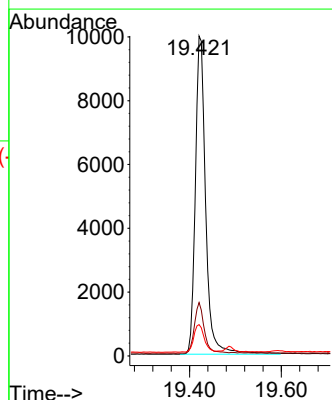
Tgt Ion:212 Resp: 15565

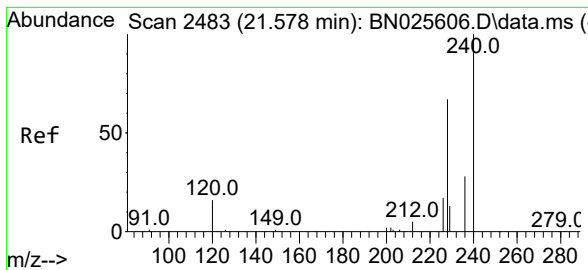
Ion Ratio Lower Upper

212 100

106 15.3 12.3 18.5

104 8.7 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: BN025664.D

Acq: 28 May 2023 03:45

Instrument :

BNA_N

ClientSampleId :

TT17411-20230522

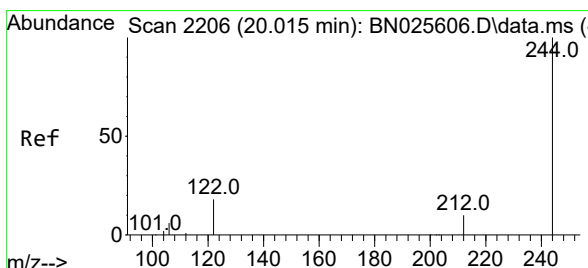
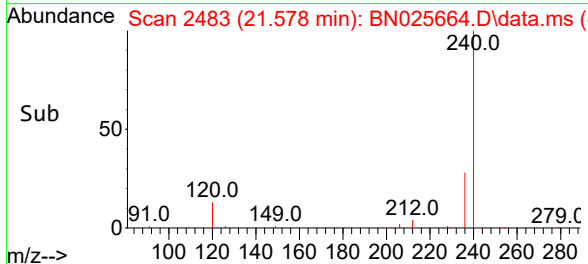
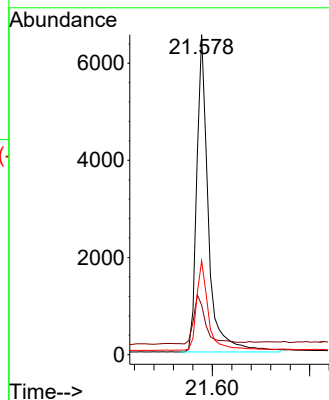
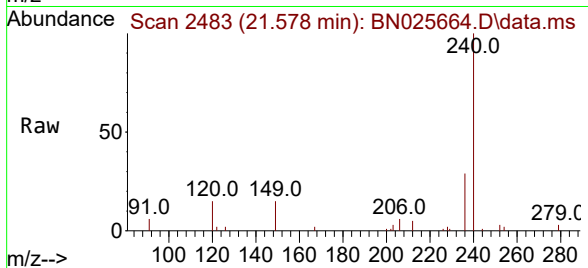
Tgt Ion:240 Resp: 10790

Ion Ratio Lower Upper

240 100

120 15.5 15.4 23.0

236 29.3 23.2 34.8



#31

Terphenyl-d14

Concen: 0.480 ng

RT: 20.011 min Scan# 2205

Delta R.T. -0.005 min

Lab File: BN025664.D

Acq: 28 May 2023 03:45

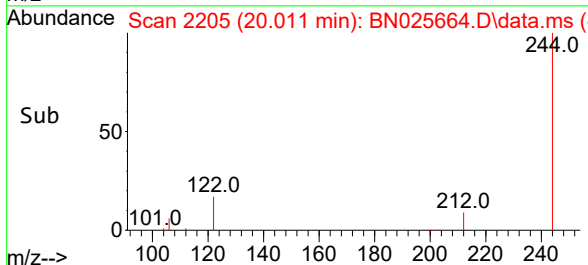
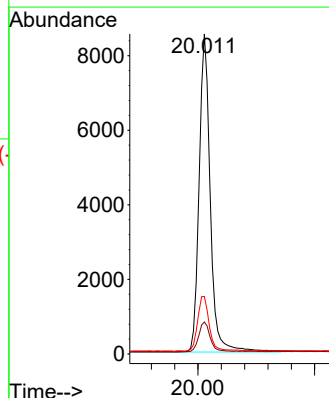
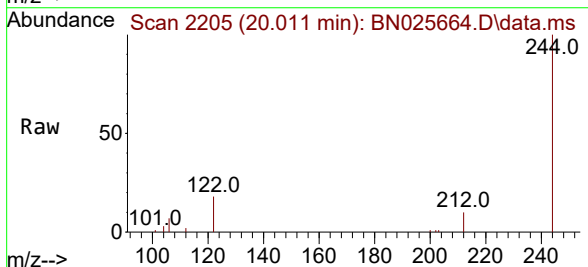
Tgt Ion:244 Resp: 11340

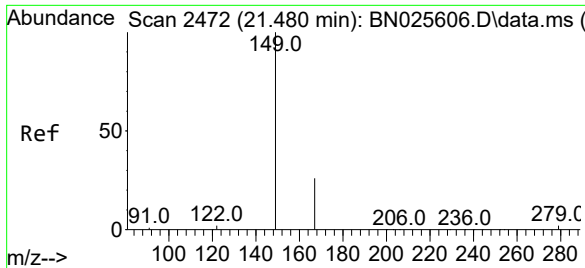
Ion Ratio Lower Upper

244 100

212 10.0 8.5 12.7

122 18.0 14.9 22.3

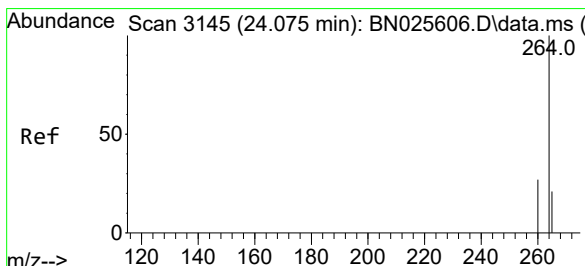
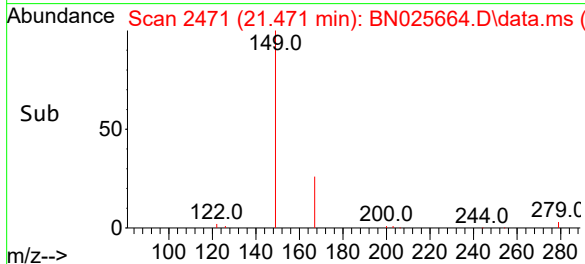
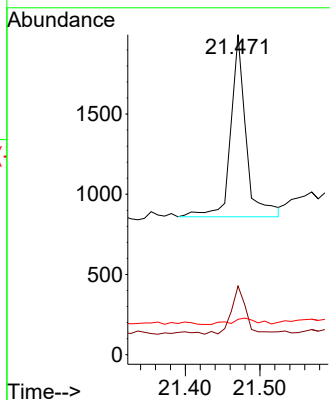
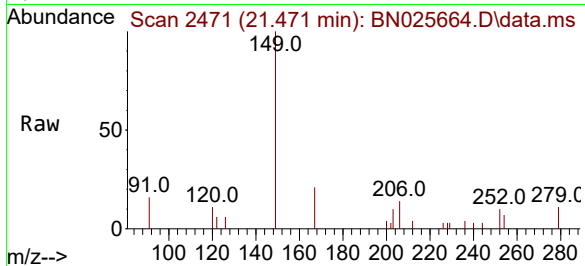




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.066 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BN025664.D
 Acq: 28 May 2023 03:45

Instrument :
 BNA_N
 ClientSampleId :
 TT17411-20230522

Tgt Ion:149 Resp: 1606
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.4 30.6
 279 5.7 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.054 min Scan# 3138
 Delta R.T. -0.015 min
 Lab File: BN025664.D
 Acq: 28 May 2023 03:45

Tgt Ion:264 Resp: 9533
 Ion Ratio Lower Upper
 264 100
 260 26.8 22.3 33.5
 265 63.8 54.3 81.5

