

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025648.D
 Acq On : 27 May 2023 17:00
 Operator : CG/JU
 Sample : 02880-15
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT158S1-20230519

Quant Time: May 29 00:53:41 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)

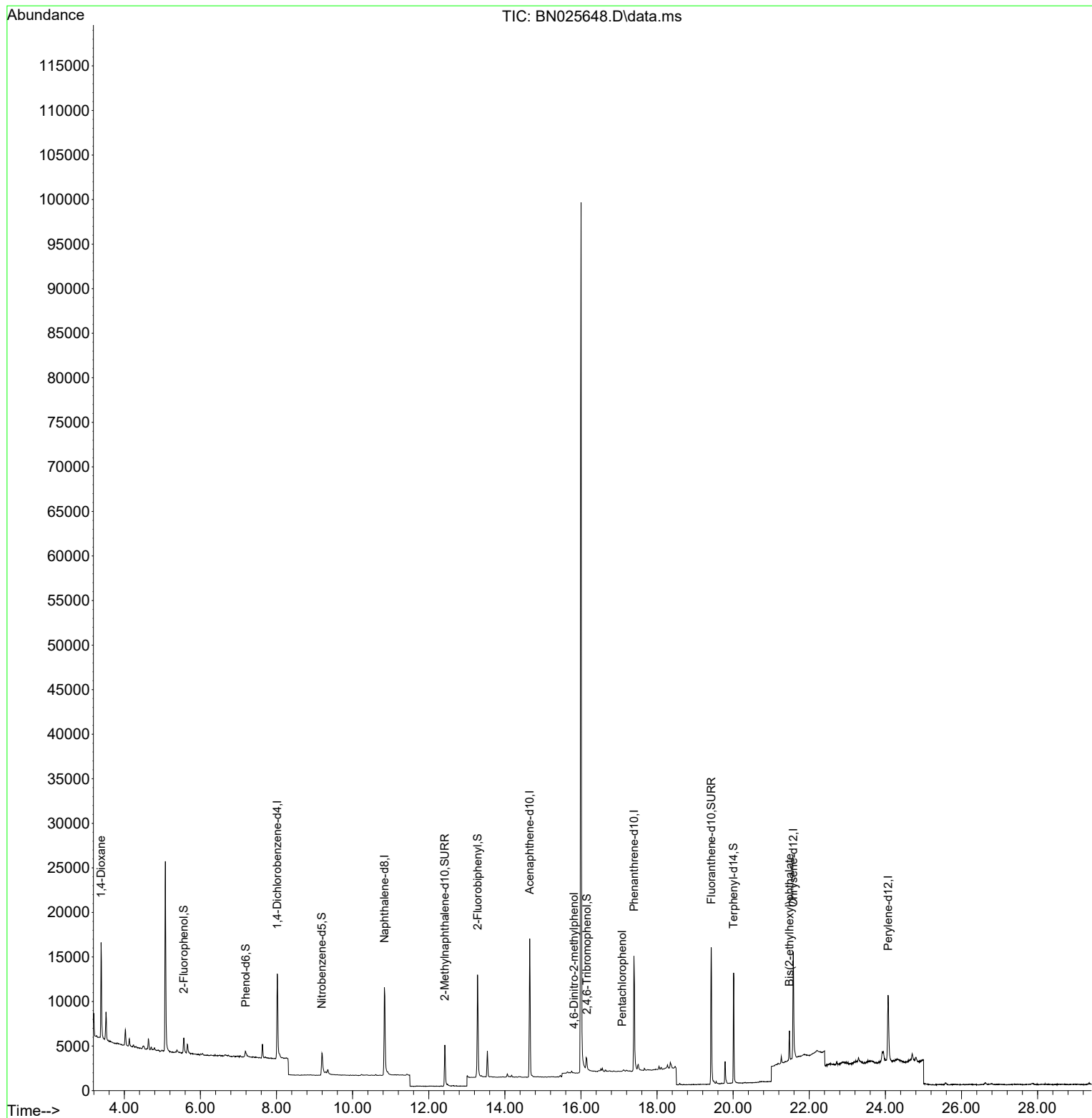
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5572	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	15892	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	9304	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	19672	0.400	ng	0.00
29) Chrysene-d12	21.578	240	13548	0.400	ng	0.00
35) Perylene-d12	24.072	264	12172	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1766	0.124	ng	0.00
5) Phenol-d6	7.189	99	1073	0.063	ng	0.01
8) Nitrobenzene-d5	9.191	82	3316	0.249	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	7353	0.324	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	897	0.477	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	10870	0.283	ng	0.00
27) Fluoranthene-d10	19.426	212	18888	0.424	ng	0.00
31) Terphenyl-d14	20.011	244	11797	0.398	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	6878	1.066	ng	99
20) 4,6-Dinitro-2-methylph...	15.817	198	4	0.115	ng	# 1
24) Pentachlorophenol	17.083	266	25	0.386	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.480	149	3606	0.117	ng	# 95

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

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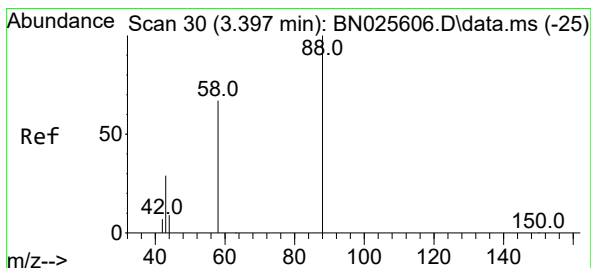
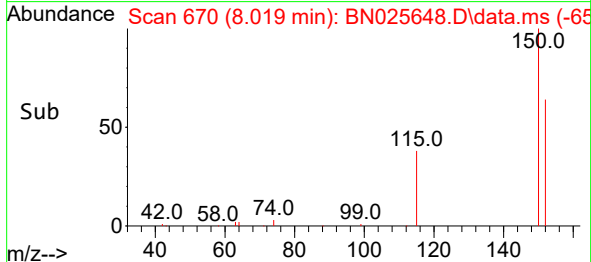
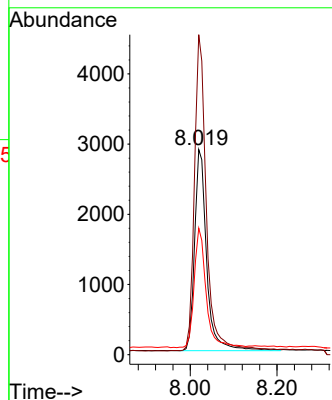
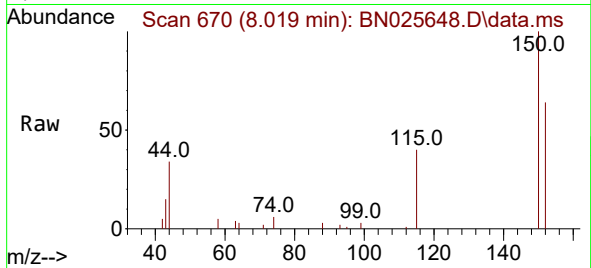




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025648.D
Acq: 27 May 2023 17:00

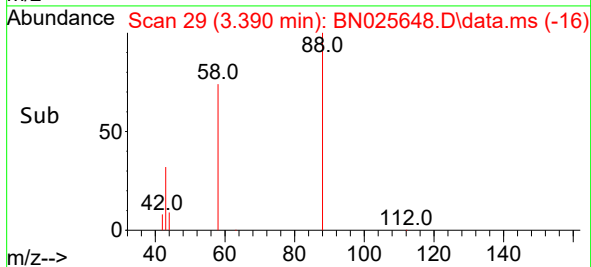
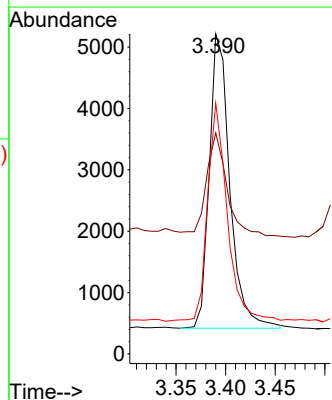
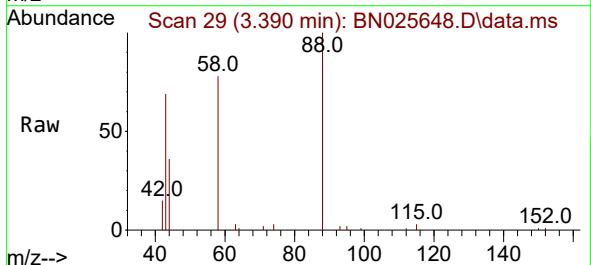
Instrument :
BNA_N
ClientSampleId :
TT158S1-20230519

Tgt Ion:152 Resp: 5572
Ion Ratio Lower Upper
152 100
150 156.0 121.0 181.6
115 61.7 48.5 72.7



#2
1,4-Dioxane
Concen: 1.066 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025648.D
Acq: 27 May 2023 17:00

Tgt Ion: 88 Resp: 6878
Ion Ratio Lower Upper
88 100
43 35.1 26.5 39.7
58 71.4 56.8 85.2

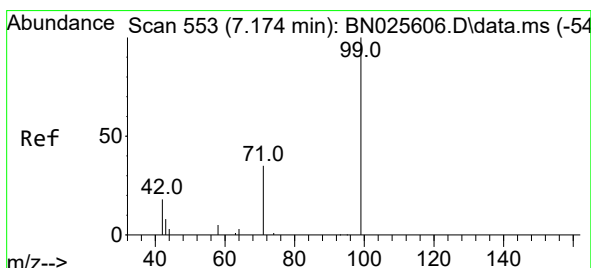
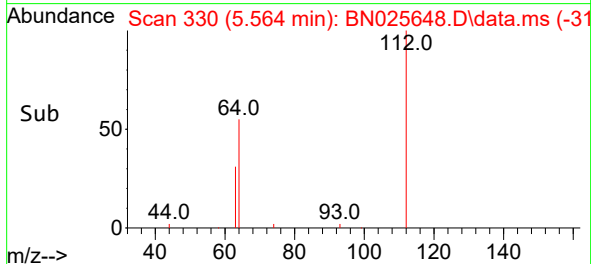
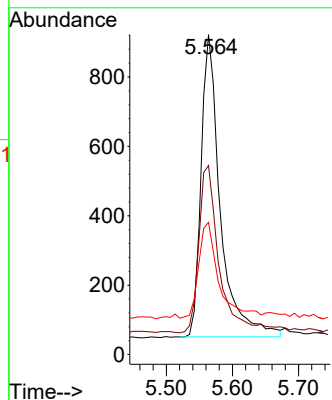
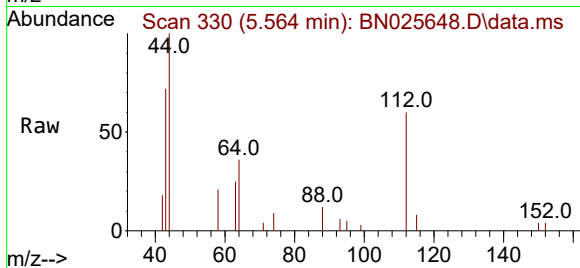




#4
2-Fluorophenol
Concen: 0.124 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025648.D
Acq: 27 May 2023 17:00

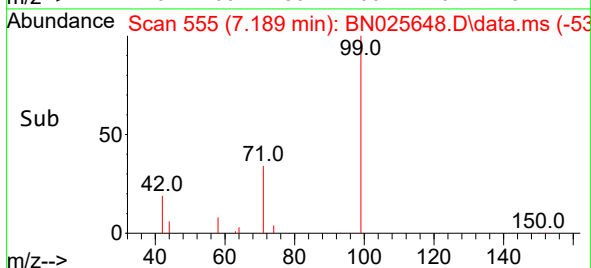
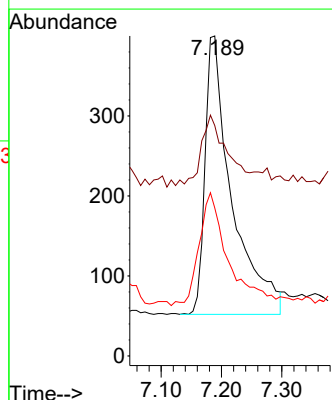
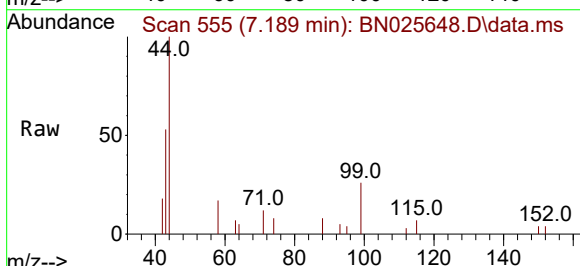
Instrument :
BNA_N
ClientSampleId :
TT158S1-20230519

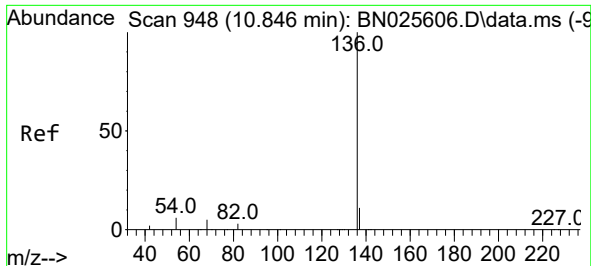
Tgt Ion:	112	Resp:	1766
Ion	Ratio	Lower	Upper
112	100		
64	59.2	45.7	68.5
63	32.7	26.2	39.2



#5
Phenol-d6
Concen: 0.063 ng
RT: 7.189 min Scan# 555
Delta R.T. 0.014 min
Lab File: BN025648.D
Acq: 27 May 2023 17:00

Tgt Ion:	99	Resp:	1073
Ion	Ratio	Lower	Upper
99	100		
42	24.1	17.1	25.7
71	43.9	29.3	43.9

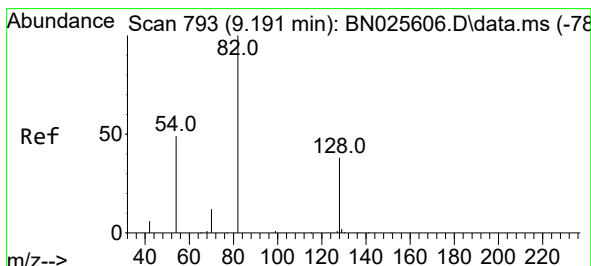
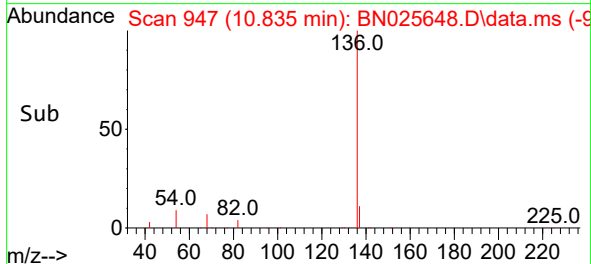
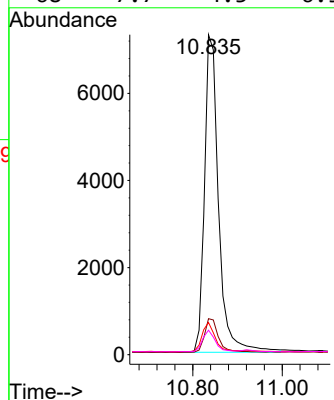
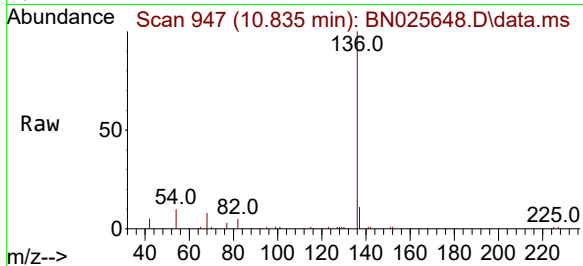




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN025648.D
Acq: 27 May 2023 17:00

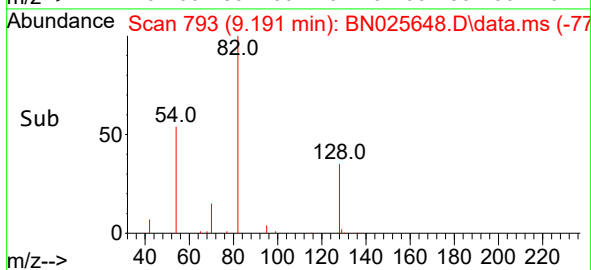
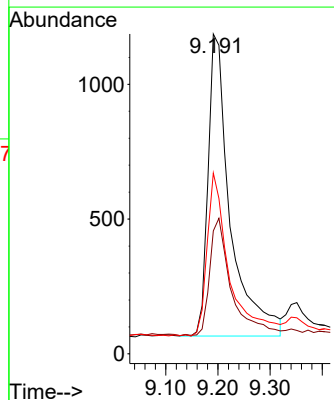
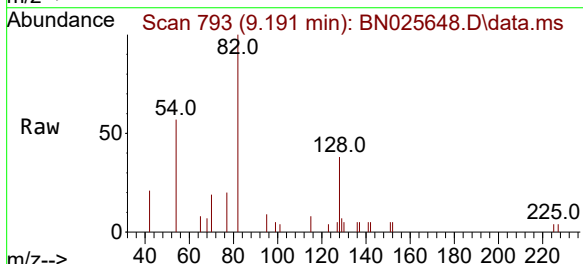
Instrument :
BNA_N
ClientSampleId :
TT158S1-20230519

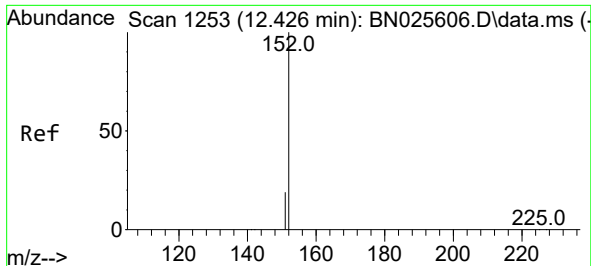
Tgt Ion:	136	Resp:	15892
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	10.1	5.4	8.0#
68	7.7	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.249 ng
RT: 9.191 min Scan# 793
Delta R.T. -0.000 min
Lab File: BN025648.D
Acq: 27 May 2023 17:00

Tgt Ion:	82	Resp:	3316
Ion Ratio	Lower	Upper	
82	100		
128	38.4	32.5	48.7
54	56.5	40.6	60.8





#11

2-Methylnaphthalene-d10

Concen: 0.324 ng

RT: 12.423 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN025648.D

Acq: 27 May 2023 17:00

Instrument :

BNA_N

ClientSampleId :

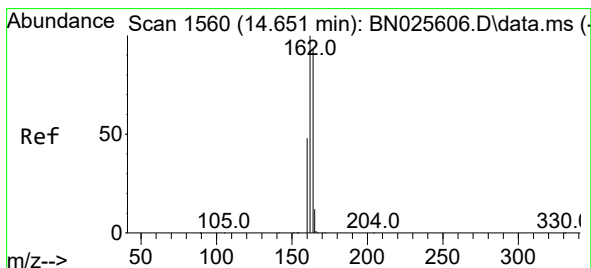
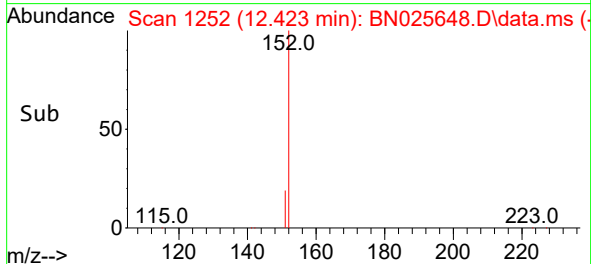
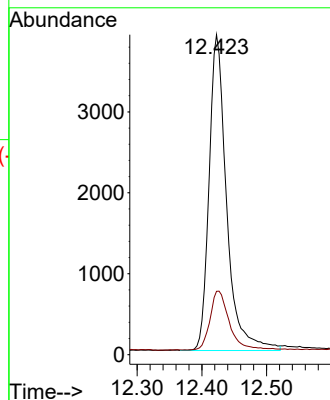
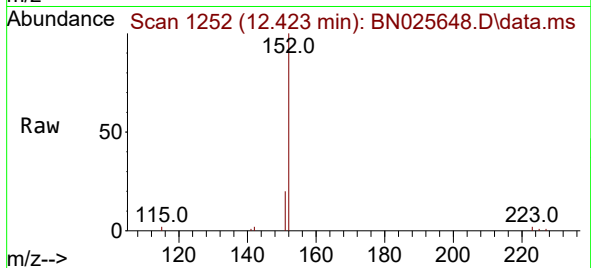
TT158S1-20230519

Tgt Ion:152 Resp: 7353

Ion Ratio Lower Upper

152 100

151 20.7 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: BN025648.D

Acq: 27 May 2023 17:00

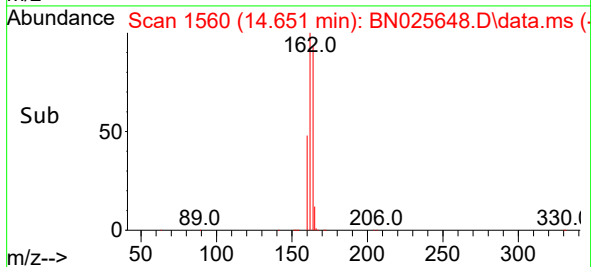
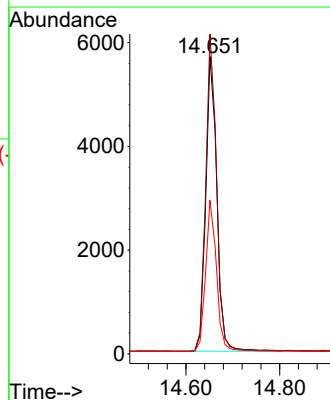
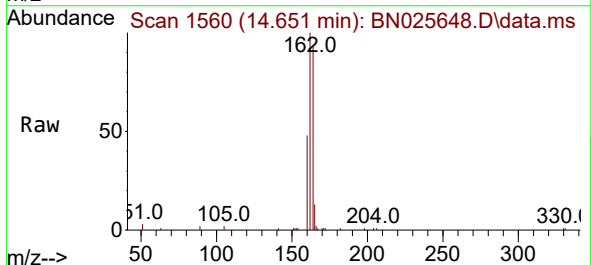
Tgt Ion:164 Resp: 9304

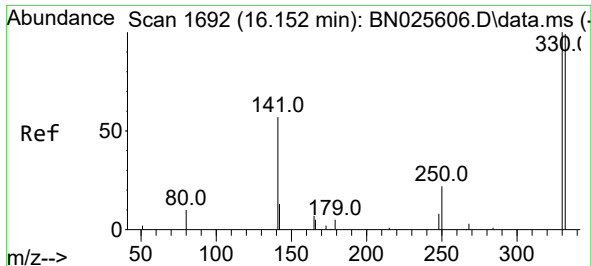
Ion Ratio Lower Upper

164 100

162 107.6 86.4 129.6

160 51.6 41.9 62.9

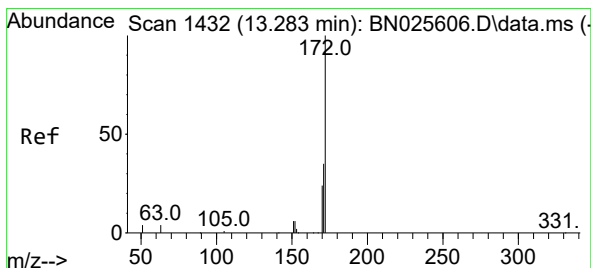
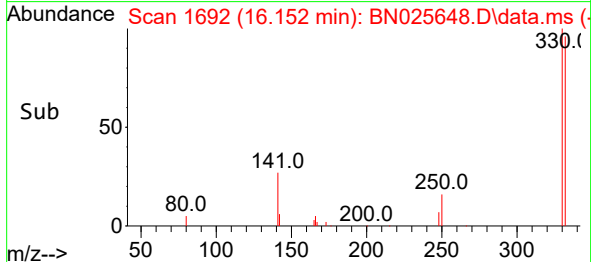
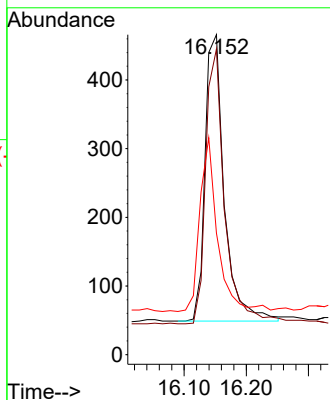
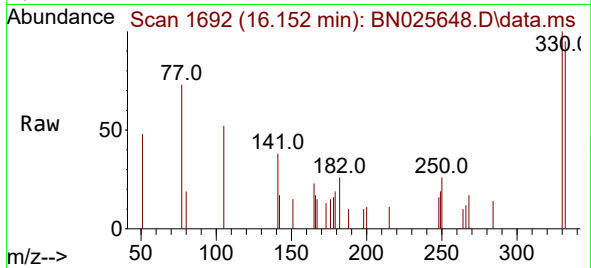




#14
2,4,6-Tribromophenol
Concen: 0.477 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025648.D
Acq: 27 May 2023 17:00

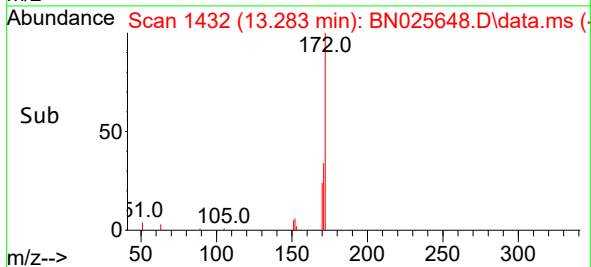
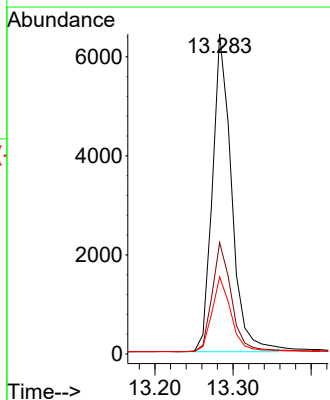
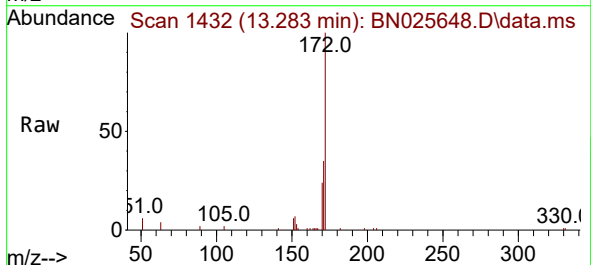
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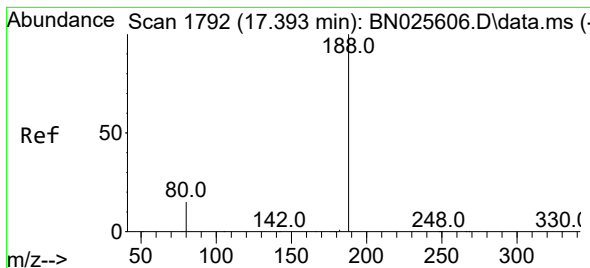
Tgt Ion:330 Resp: 897
Ion Ratio Lower Upper
330 100
332 94.8 80.0 120.0
141 55.7 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.283 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025648.D
Acq: 27 May 2023 17:00

Tgt Ion:172 Resp: 10870
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 24.1 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: BN025648.D

Acq: 27 May 2023 17:00

Instrument :

BNA_N

ClientSampleId :

TT158S1-20230519

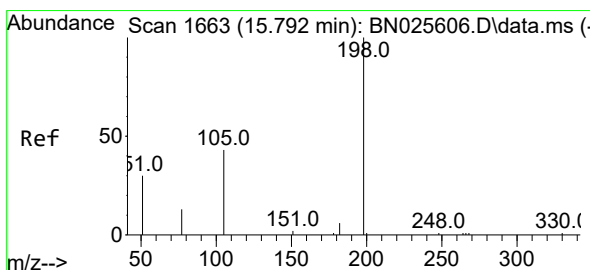
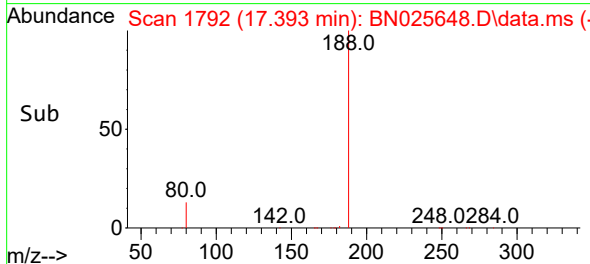
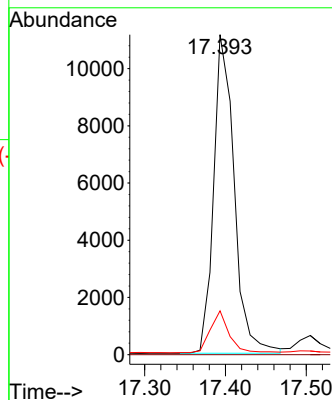
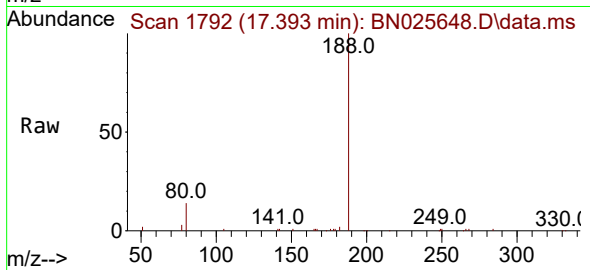
Tgt Ion:188 Resp: 19672

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.7 12.2 18.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.115 ng

RT: 15.817 min Scan# 1665

Delta R.T. 0.025 min

Lab File: BN025648.D

Acq: 27 May 2023 17:00

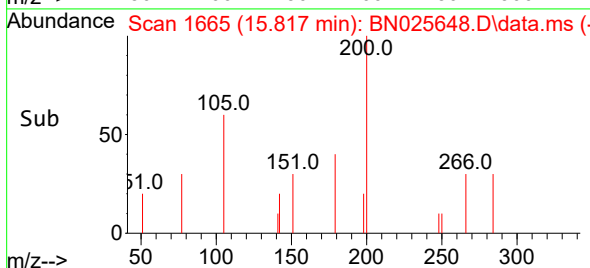
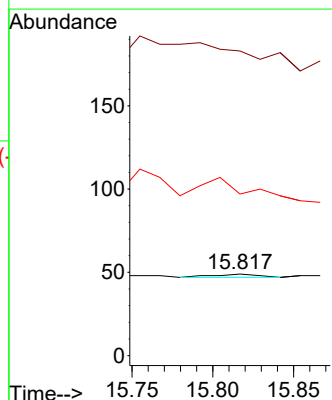
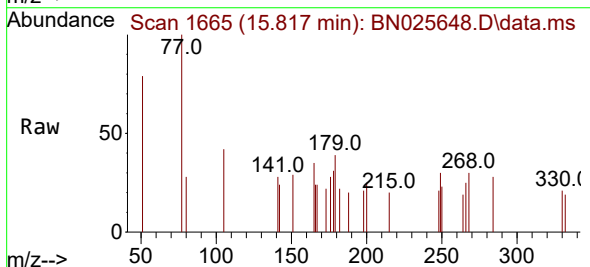
Tgt Ion:198 Resp: 4

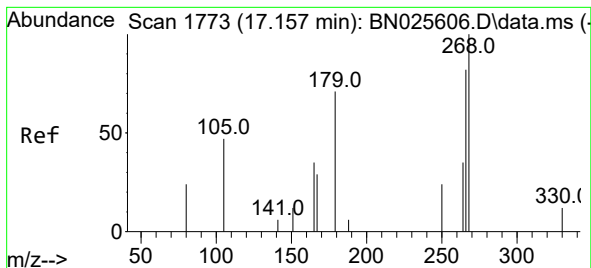
Ion Ratio Lower Upper

198 100

51 373.5 110.8 166.2#

105 198.0 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.386 ng

RT: 17.083 min Scan# 1767

Delta R.T. 0.012 min

Lab File: BN025648.D

Acq: 27 May 2023 17:00

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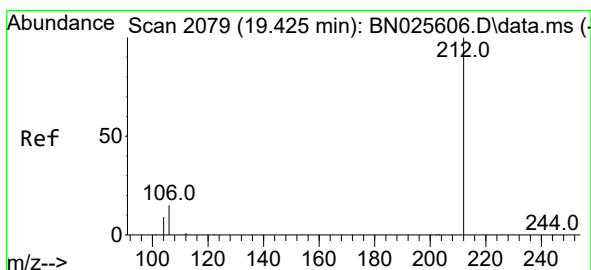
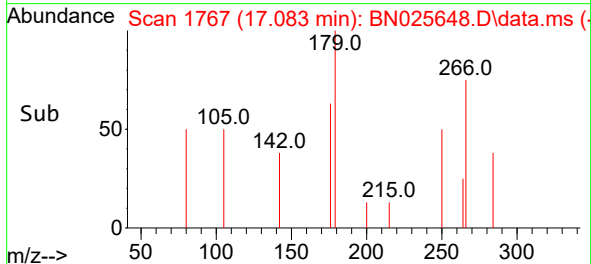
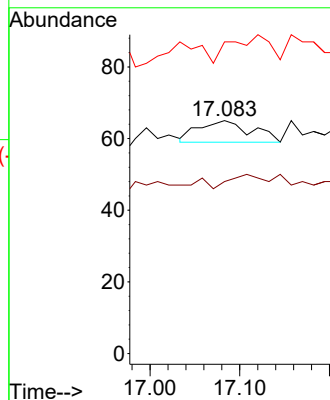
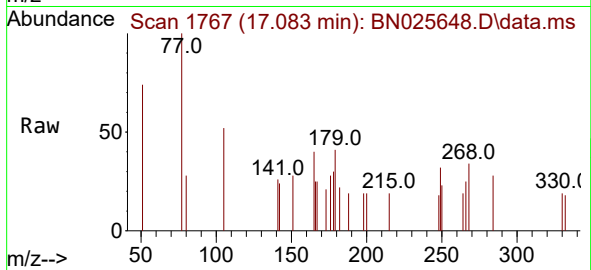
Tgt Ion:266 Resp: 25

Ion Ratio Lower Upper

266 100

264 0.0 60.0 90.0#

268 0.0 0.0 0.0



#27

Fluoranthene-d10

Concen: 0.424 ng

RT: 19.426 min Scan# 2079

Delta R.T. 0.005 min

Lab File: BN025648.D

Acq: 27 May 2023 17:00

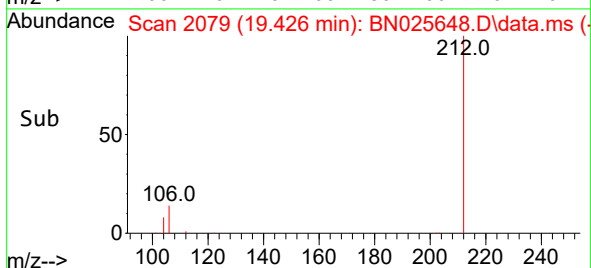
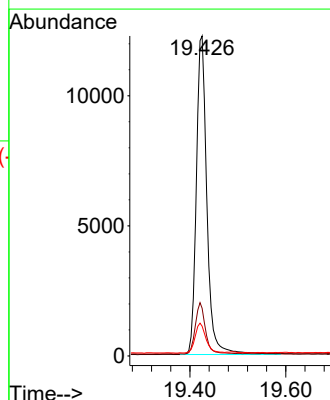
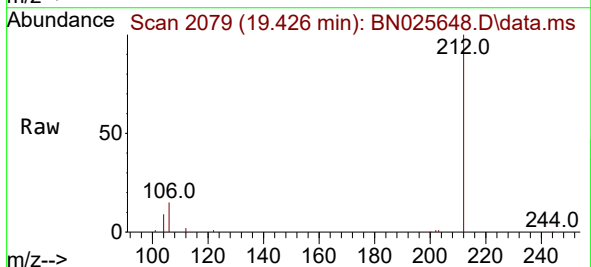
Tgt Ion:212 Resp: 18888

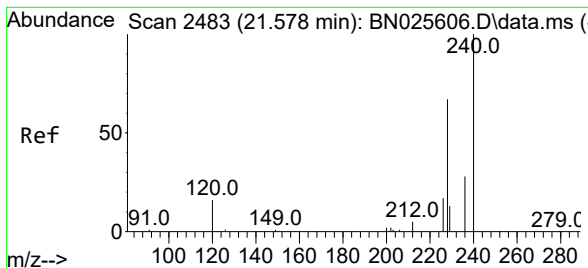
Ion Ratio Lower Upper

212 100

106 15.4 12.3 18.5

104 9.6 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: BN025648.D

Acq: 27 May 2023 17:00

Instrument :

BNA_N

ClientSampleId :

TT158S1-20230519

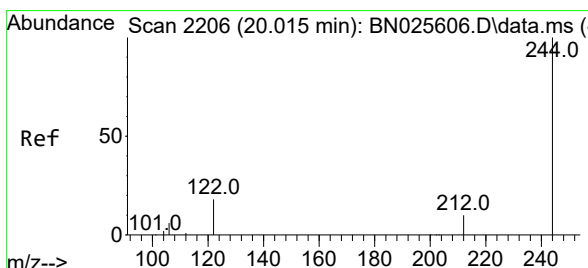
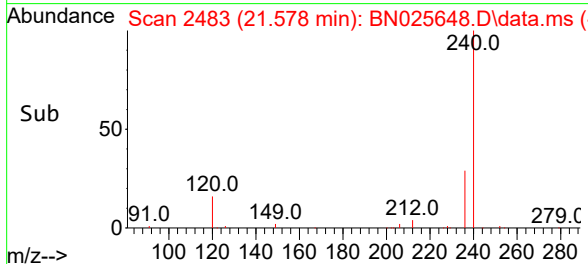
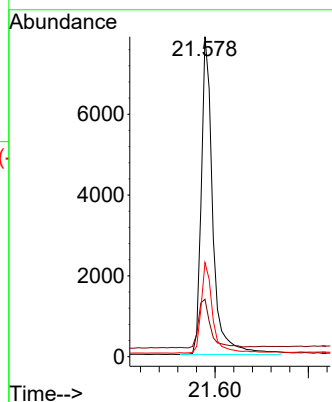
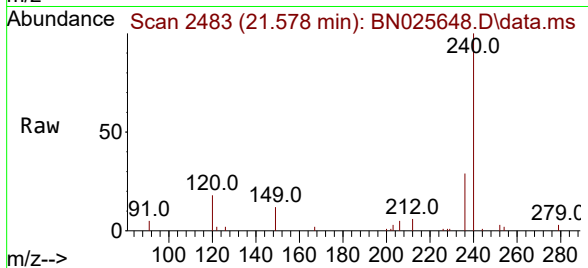
Tgt Ion:240 Resp: 13548

Ion Ratio Lower Upper

240 100

120 17.9 15.4 23.0

236 29.4 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: BN025648.D

Acq: 27 May 2023 17:00

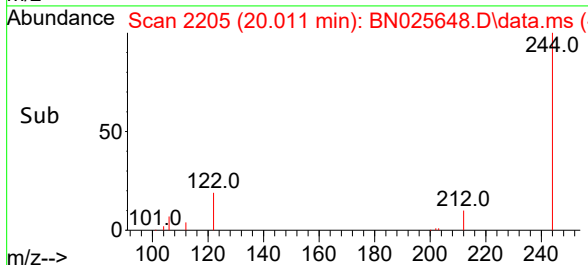
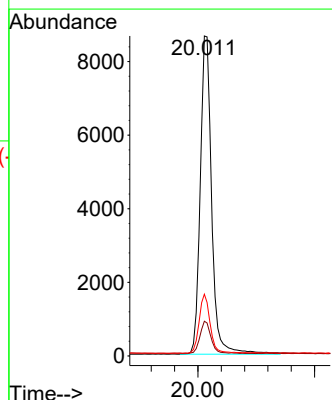
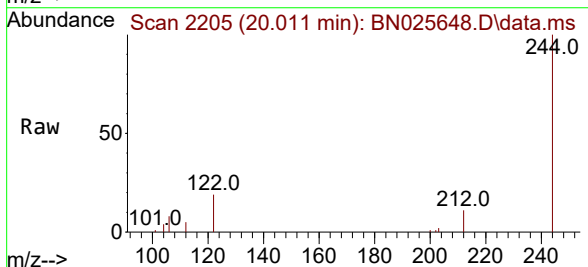
Tgt Ion:244 Resp: 11797

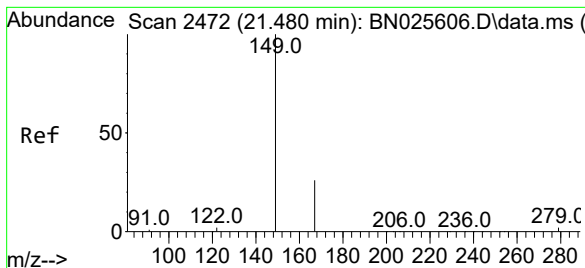
Ion Ratio Lower Upper

244 100

212 10.9 8.5 12.7

122 19.3 14.9 22.3

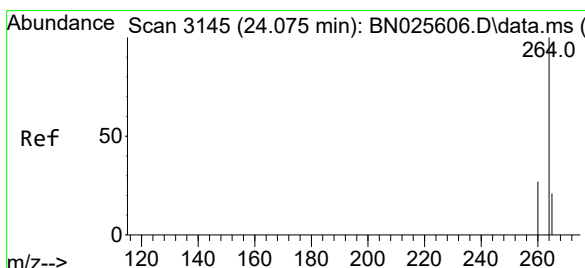
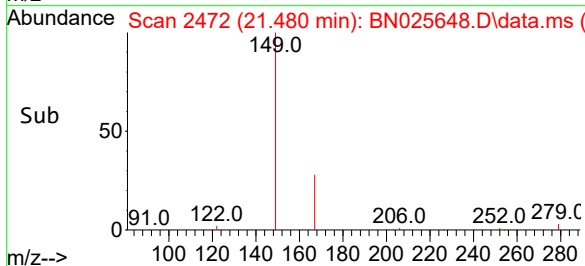
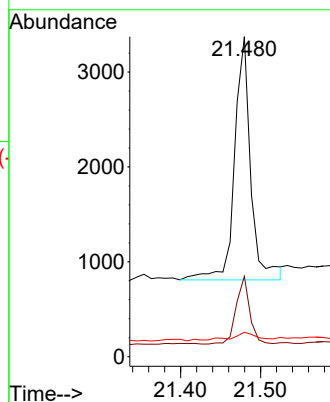
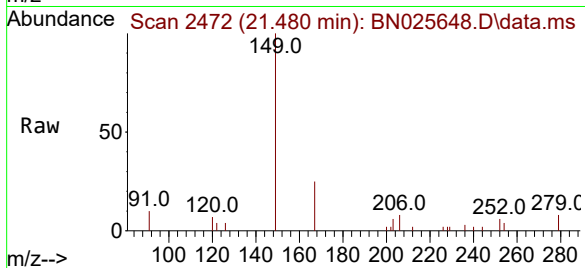




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.117 ng
 RT: 21.480 min Scan# 2472
 Delta R.T. 0.009 min
 Lab File: BN025648.D
 Acq: 27 May 2023 17:00

Instrument :
 BNA_N
 ClientSampleId :
 TT158S1-20230519

Tgt Ion:149 Resp: 3606
 Ion Ratio Lower Upper
 149 100
 167 23.1 20.4 30.6
 279 5.9 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.072 min Scan# 3144
 Delta R.T. 0.003 min
 Lab File: BN025648.D
 Acq: 27 May 2023 17:00

Tgt Ion:264 Resp: 12172
 Ion Ratio Lower Upper
 264 100
 260 27.5 22.3 33.5
 265 52.2 54.3 81.5#

