

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025692.D
 Acq On : 28 May 2023 21:36
 Operator : CG/JU
 Sample : 02912-11
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20230523

Quant Time: May 29 01:41:46 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)

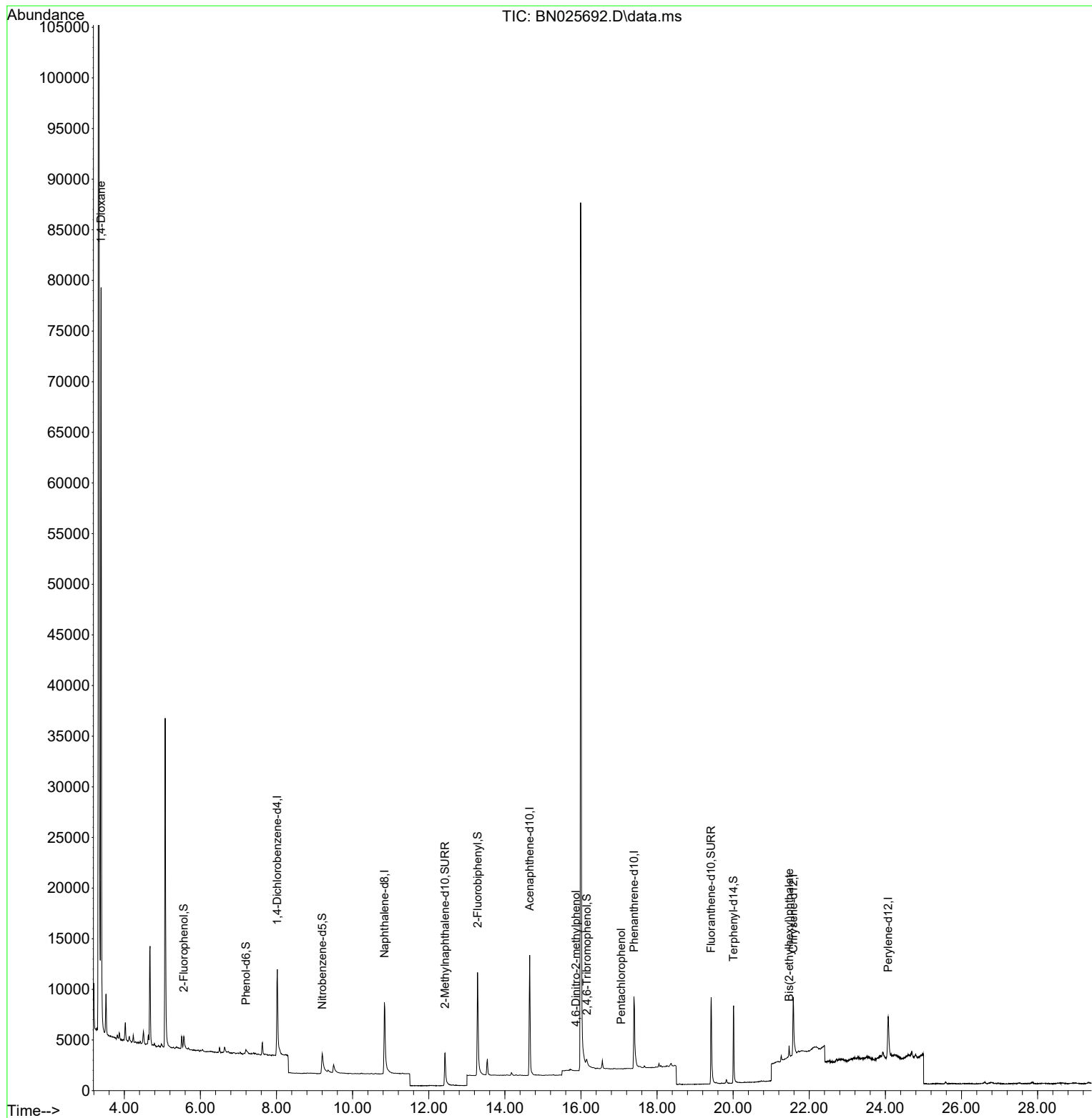
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5172	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	13666	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	7525	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	13578	0.400	ng	0.00
29) Chrysene-d12	21.578	240	7866	0.400	ng	0.00
35) Perylene-d12	24.075	264	8108	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1566	0.118	ng	0.00
5) Phenol-d6	7.196	99	803	0.051	ng	0.02
8) Nitrobenzene-d5	9.202	82	3440	0.301	ng	0.01
11) 2-Methylnaphthalene-d10	12.427	152	6832	0.350	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	490	0.322	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	11257	0.362	ng	0.00
27) Fluoranthene-d10	19.421	212	11876	0.386	ng	0.00
31) Terphenyl-d14	20.011	244	8266	0.480	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	44771	7.475	ng	Qvalue 99
20) 4,6-Dinitro-2-methylph...	15.867	198	13	0.121	ng	# 1
24) Pentachlorophenol	17.058	266	3	0.368	ng	# 51
34) Bis(2-ethylhexyl)phtha...	21.471	149	1296	0.073	ng	# 89

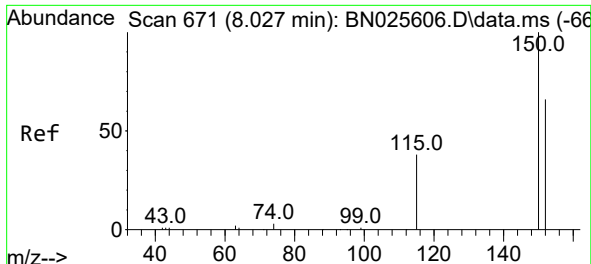
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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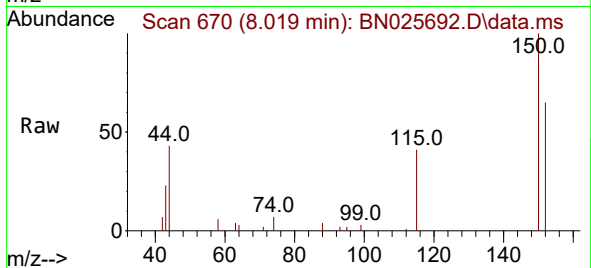
Quant Time: May 29 01:41:46 2023
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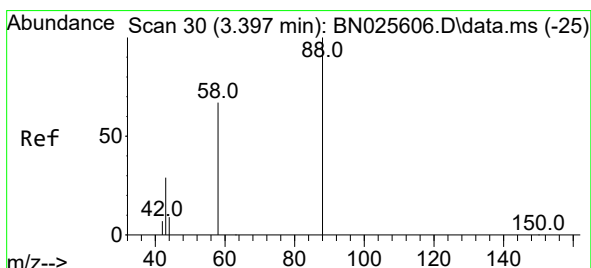
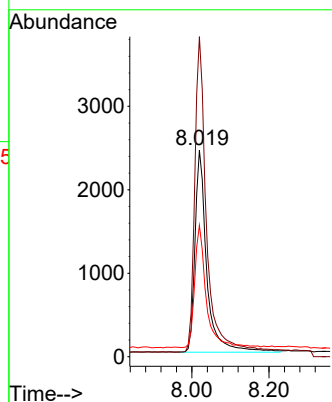
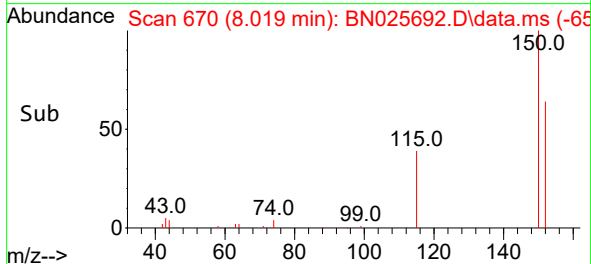


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025692.D
Acq: 28 May 2023 21:36

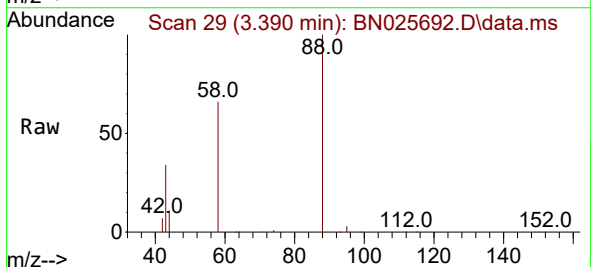
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230523



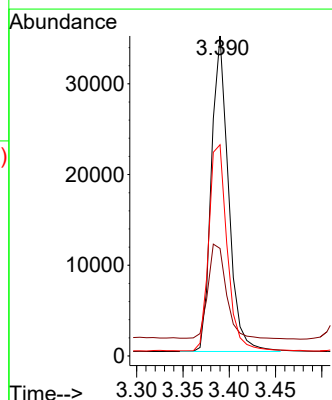
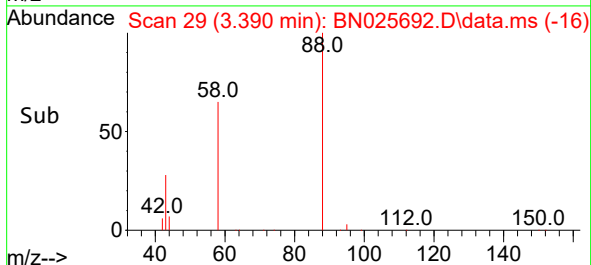
Tgt Ion:152 Resp: 5172
Ion Ratio Lower Upper
152 100
150 154.9 121.0 181.6
115 63.6 48.5 72.7

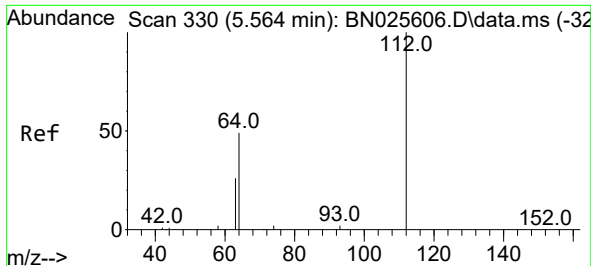


#2
1,4-Dioxane
Concen: 7.475 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025692.D
Acq: 28 May 2023 21:36



Tgt Ion: 88 Resp: 44771
Ion Ratio Lower Upper
88 100
43 31.8 26.5 39.7
58 70.3 56.8 85.2

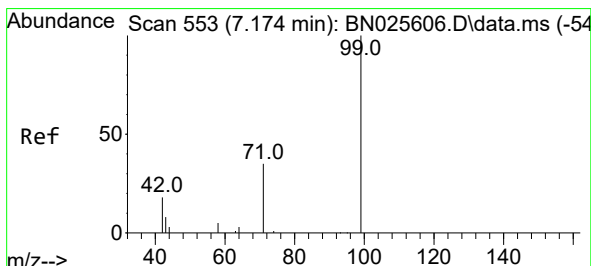
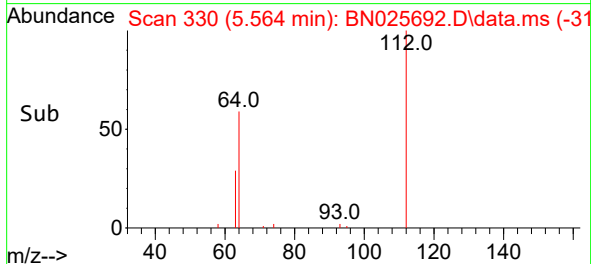
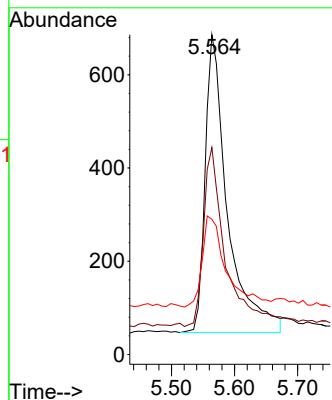
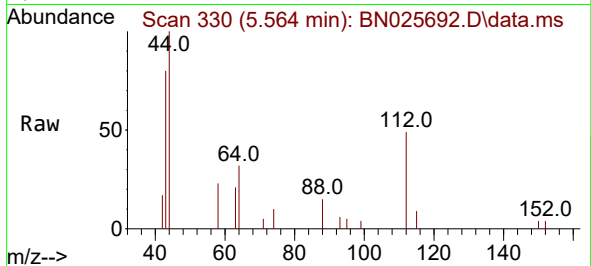




#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.564 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN025692.D
Acq: 28 May 2023 21:36

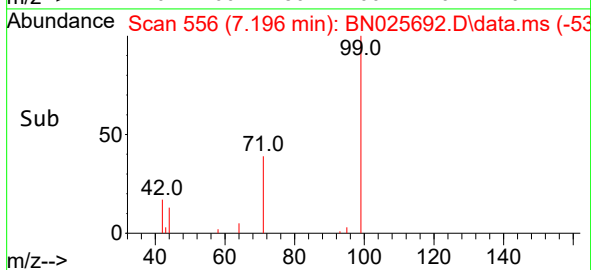
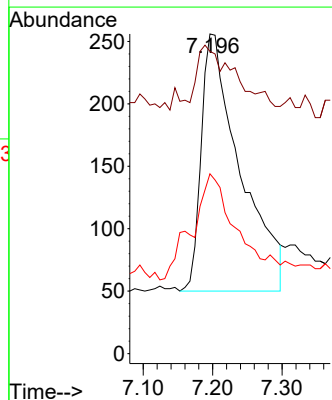
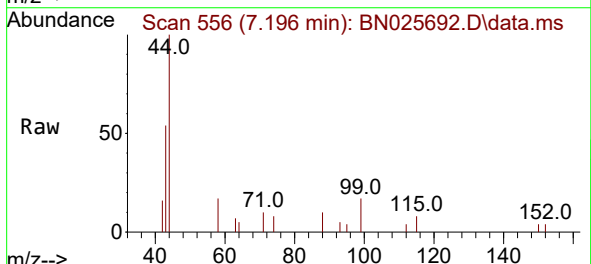
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230523

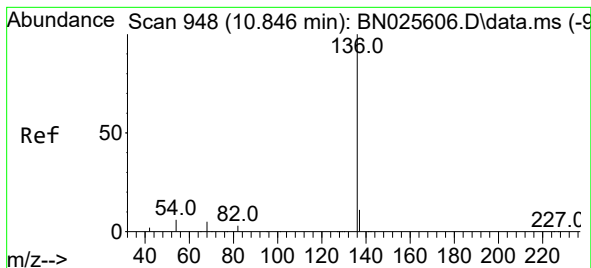
Tgt Ion:112 Resp: 1566
Ion Ratio Lower Upper
112 100
64 60.0 45.7 68.5
63 33.1 26.2 39.2



#5
Phenol-d6
Concen: 0.051 ng
RT: 7.196 min Scan# 556
Delta R.T. 0.022 min
Lab File: BN025692.D
Acq: 28 May 2023 21:36

Tgt Ion: 99 Resp: 803
Ion Ratio Lower Upper
99 100
42 22.2 17.1 25.7
71 45.3 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: BN025692.D

Acq: 28 May 2023 21:36

Instrument :

BNA_N

ClientSampleId :

RE134D3-20230523

Tgt Ion:136 Resp: 13666

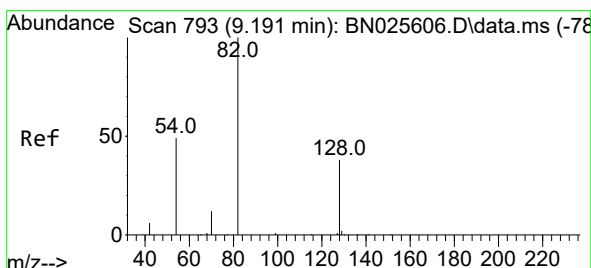
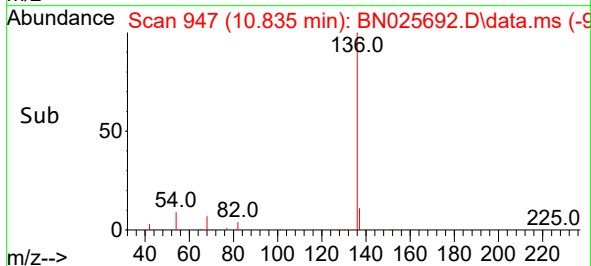
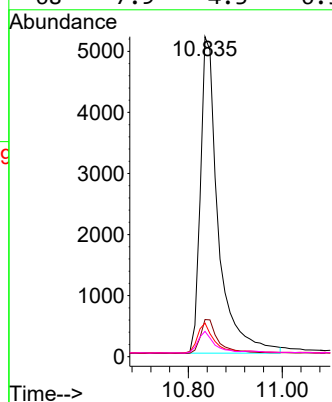
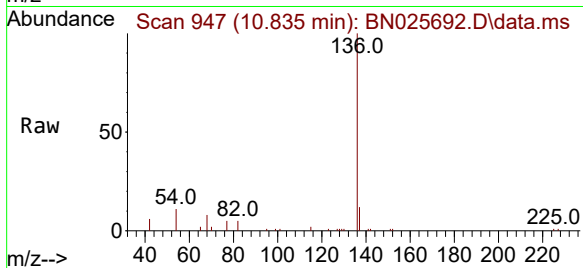
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 10.5 5.4 8.0#

68 7.9 4.3 6.5#



#8

Nitrobenzene-d5

Concen: 0.301 ng

RT: 9.202 min Scan# 794

Delta R.T. 0.011 min

Lab File: BN025692.D

Acq: 28 May 2023 21:36

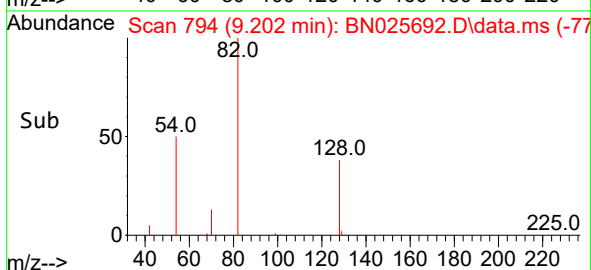
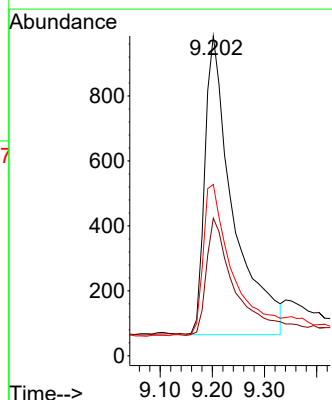
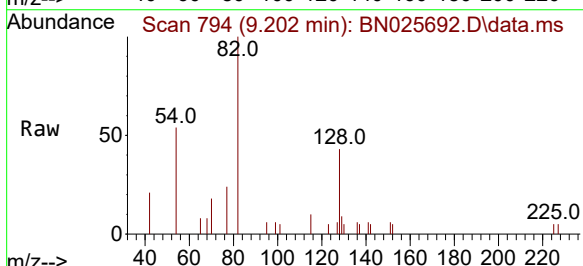
Tgt Ion: 82 Resp: 3440

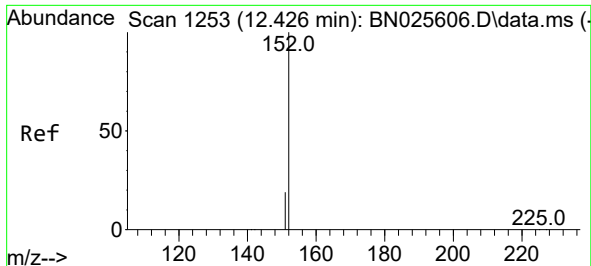
Ion Ratio Lower Upper

82 100

128 43.0 32.5 48.7

54 53.6 40.6 60.8





#11

2-Methylnaphthalene-d10

Concen: 0.350 ng

RT: 12.427 min Scan# 1253

Delta R.T. 0.004 min

Lab File: BN025692.D

Acq: 28 May 2023 21:36

Instrument :

BNA_N

ClientSampleId :

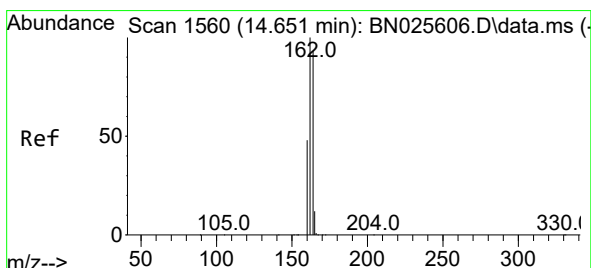
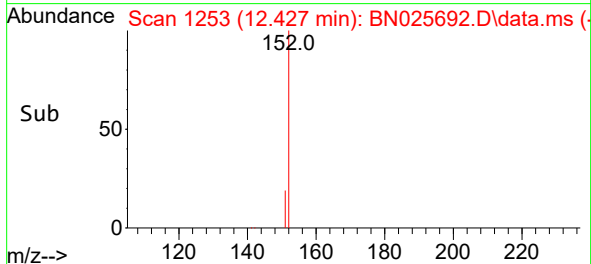
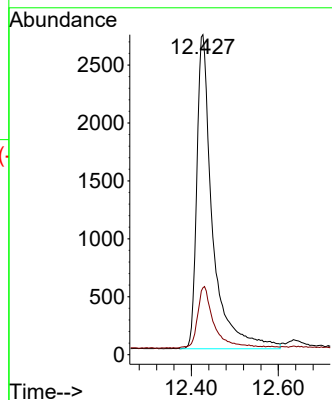
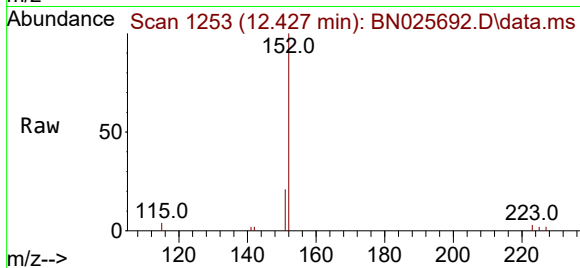
RE134D3-20230523

Tgt Ion:152 Resp: 6832

Ion Ratio Lower Upper

152 100

151 20.1 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: BN025692.D

Acq: 28 May 2023 21:36

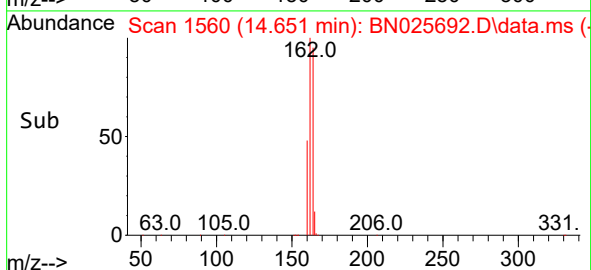
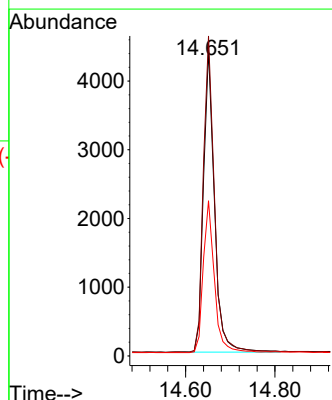
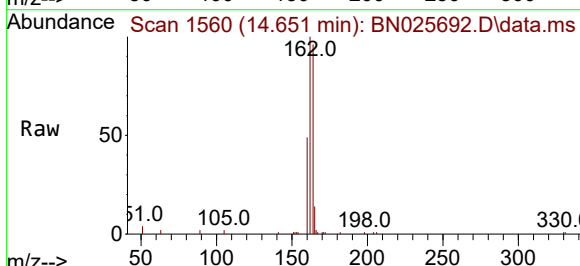
Tgt Ion:164 Resp: 7525

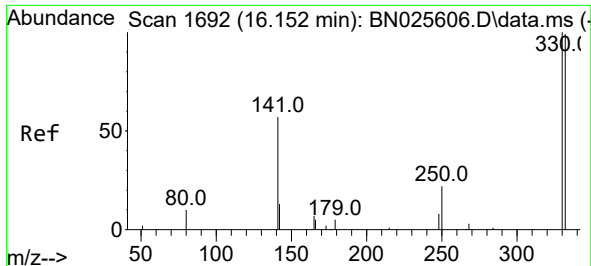
Ion Ratio Lower Upper

164 100

162 104.6 86.4 129.6

160 50.8 41.9 62.9

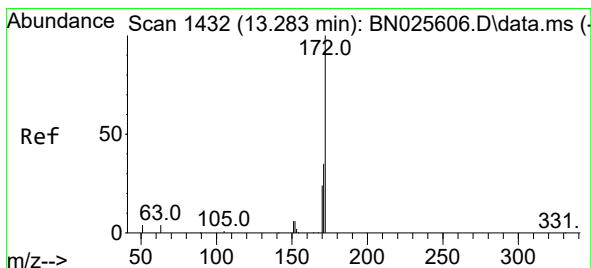
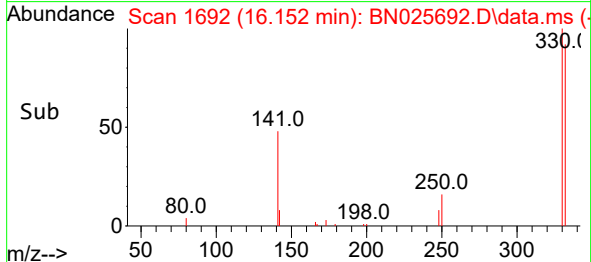
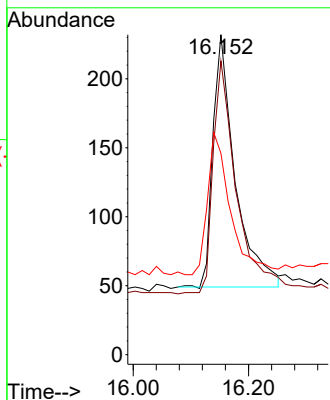
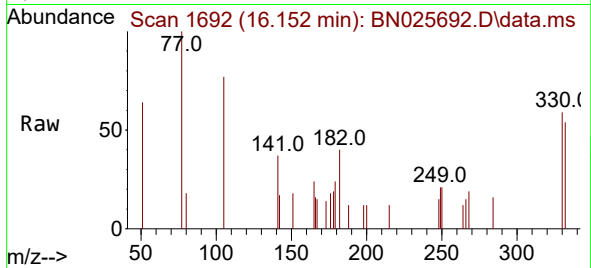




#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 16.152 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN025692.D
Acq: 28 May 2023 21:36

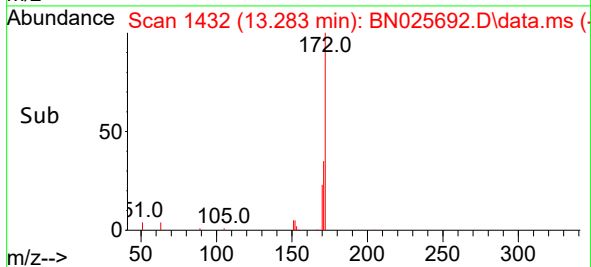
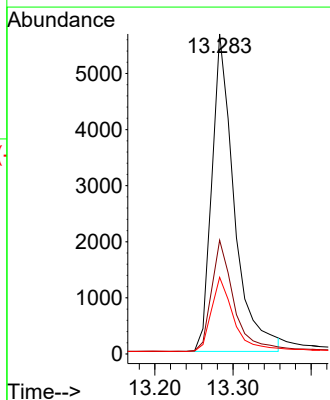
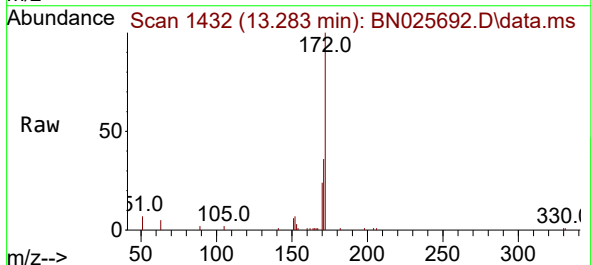
Instrument :
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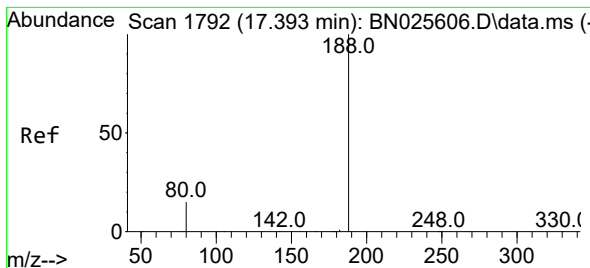
Tgt Ion:330 Resp: 490
Ion Ratio Lower Upper
330 100
332 97.3 80.0 120.0
141 58.4 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025692.D
Acq: 28 May 2023 21:36

Tgt Ion:172 Resp: 11257
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 24.0 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: BN025692.D

Acq: 28 May 2023 21:36

Instrument :

BNA_N

ClientSampleId :

RE134D3-20230523

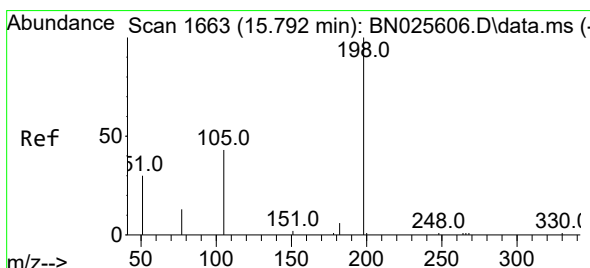
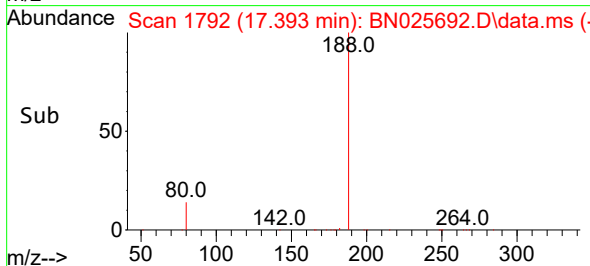
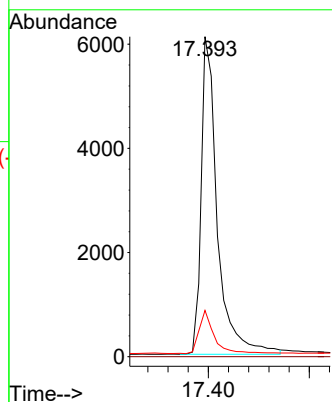
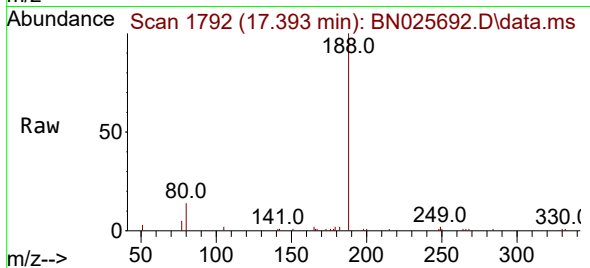
Tgt Ion:188 Resp: 13578

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.5 12.2 18.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.121 ng

RT: 15.867 min Scan# 1669

Delta R.T. 0.074 min

Lab File: BN025692.D

Acq: 28 May 2023 21:36

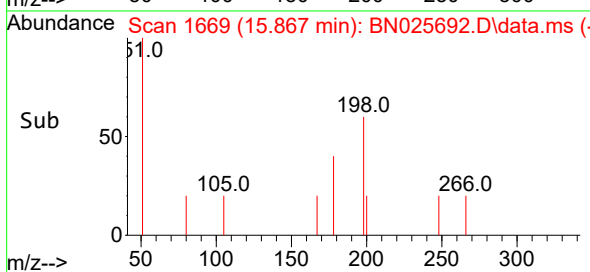
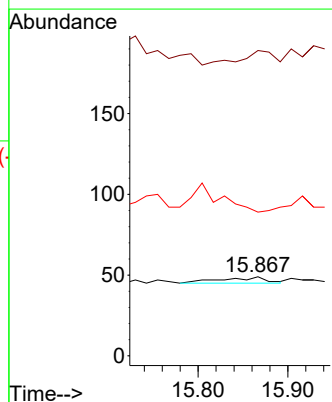
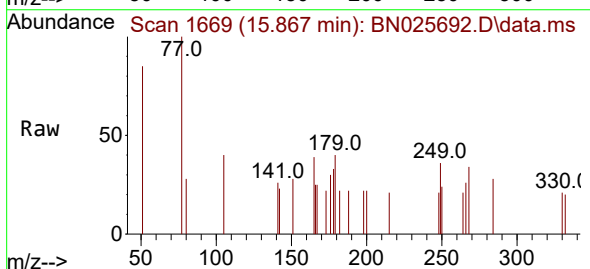
Tgt Ion:198 Resp: 13

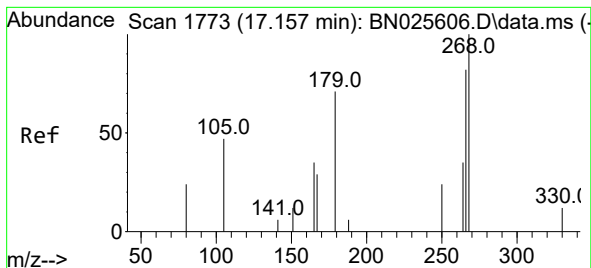
Ion Ratio Lower Upper

198 100

51 385.7 110.8 166.2#

105 181.6 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.368 ng

RT: 17.058 min Scan# 1765

Delta R.T. -0.012 min

Lab File: BN025692.D

Acq: 28 May 2023 21:36

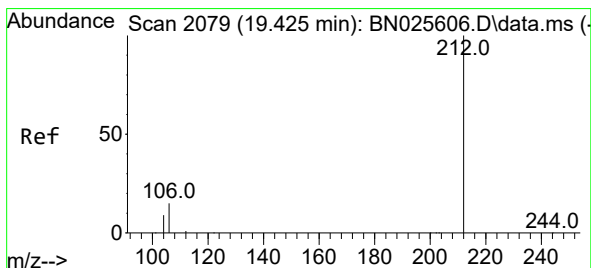
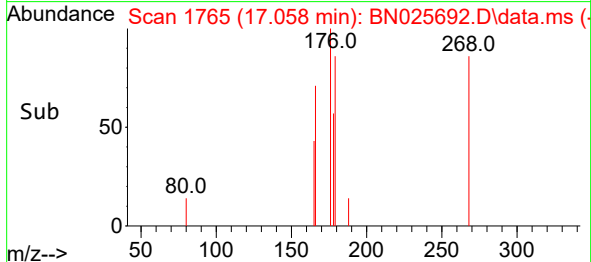
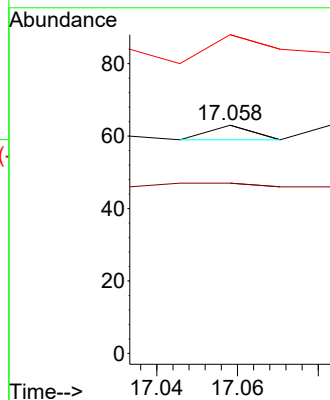
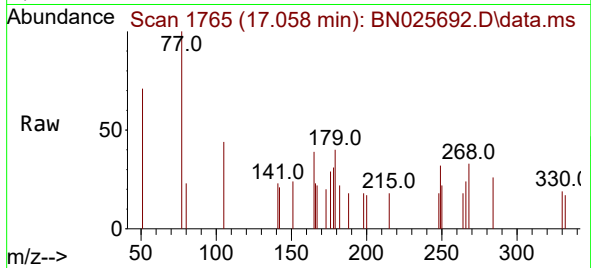
Instrument :

BNA_N

ClientSampleId :

RE134D3-20230523

Tgt Ion:	266	Resp:	3
Ion Ratio	Lower	Upper	
266	100		
264	33.3	60.0	90.0#
268	833.3	0.0	0.0#



#27

Fluoranthene-d10

Concen: 0.386 ng

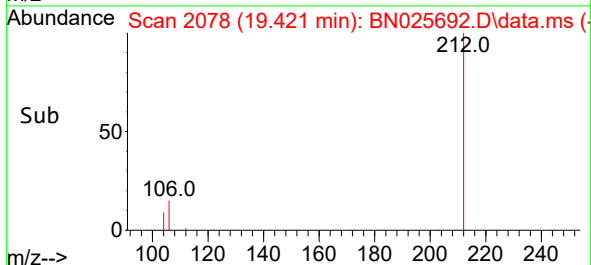
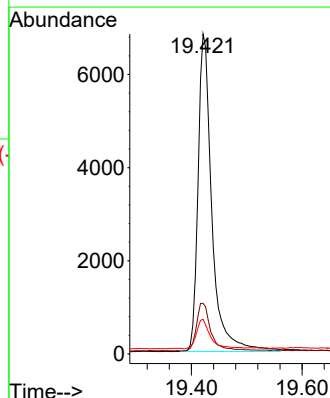
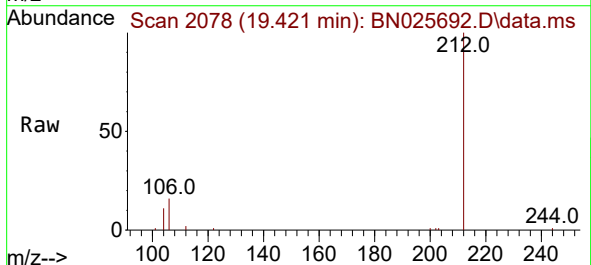
RT: 19.421 min Scan# 2078

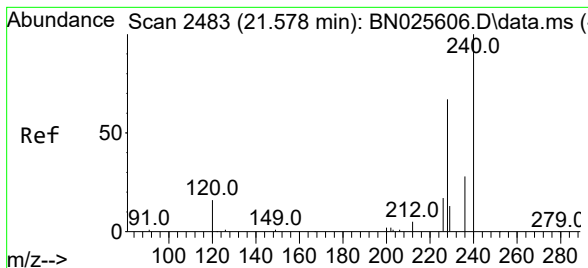
Delta R.T. 0.000 min

Lab File: BN025692.D

Acq: 28 May 2023 21:36

Tgt Ion:	212	Resp:	11876
Ion Ratio	Lower	Upper	
212	100		
106	15.4	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: BN025692.D

Acq: 28 May 2023 21:36

Instrument :

BNA_N

ClientSampleId :

RE134D3-20230523

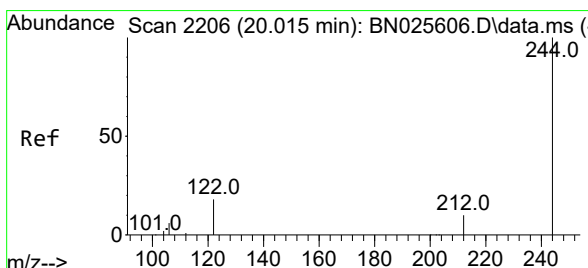
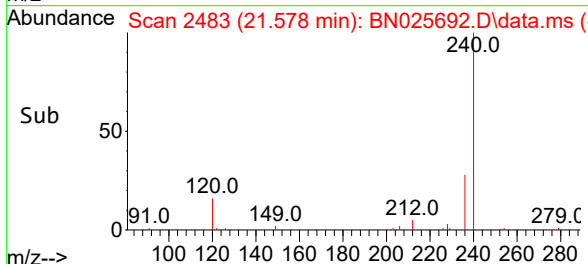
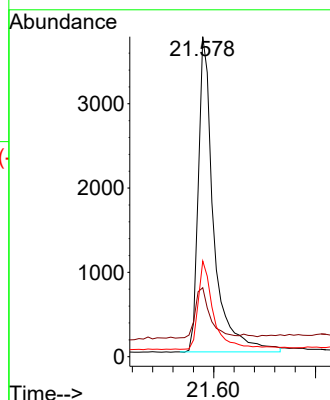
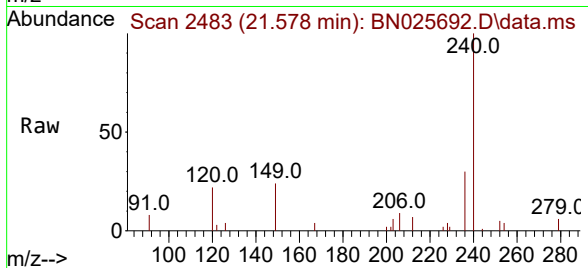
Tgt Ion:240 Resp: 7866

Ion Ratio Lower Upper

240 100

120 21.5 15.4 23.0

236 29.9 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: BN025692.D

Acq: 28 May 2023 21:36

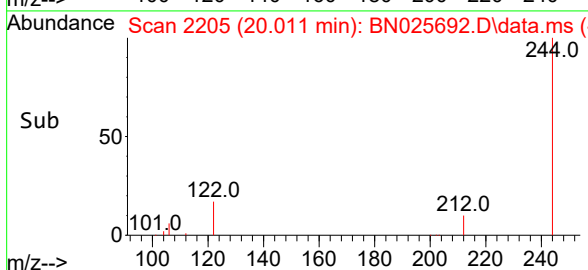
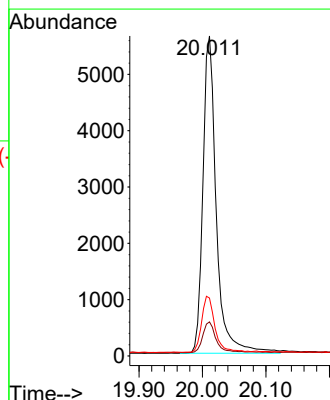
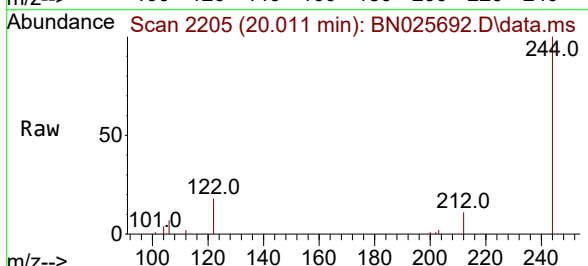
Tgt Ion:244 Resp: 8266

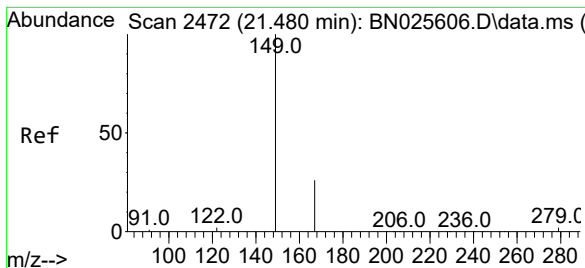
Ion Ratio Lower Upper

244 100

212 10.7 8.5 12.7

122 18.1 14.9 22.3

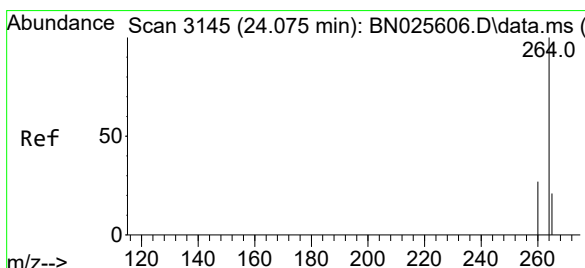
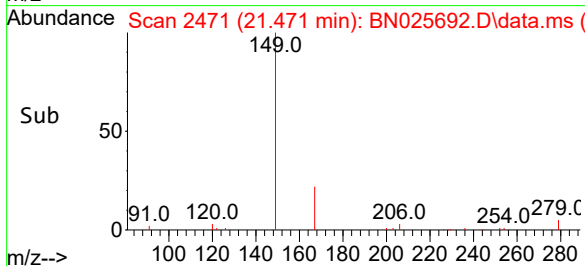
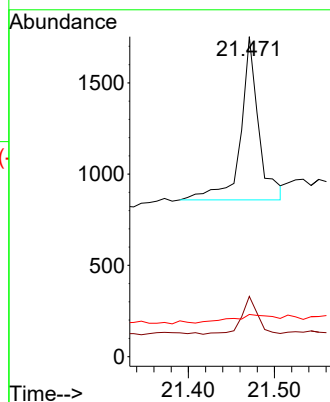
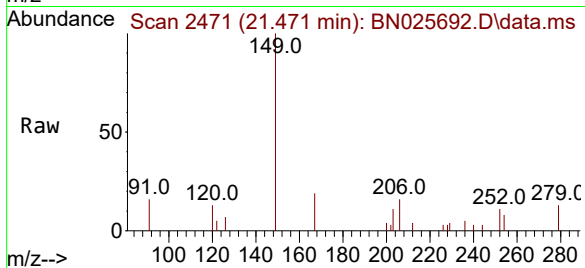




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.073 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. 0.000 min
 Lab File: BN025692.D
 Acq: 28 May 2023 21:36

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20230523

Tgt Ion:149 Resp: 1296
 Ion Ratio Lower Upper
 149 100
 167 21.1 20.4 30.6
 279 12.1 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.075 min Scan# 3145
 Delta R.T. 0.006 min
 Lab File: BN025692.D
 Acq: 28 May 2023 21:36

Tgt Ion:264 Resp: 8108
 Ion Ratio Lower Upper
 264 100
 260 28.1 22.3 33.5
 265 73.6 54.3 81.5

