

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025693.D
 Acq On : 28 May 2023 22:12
 Operator : CG/JU
 Sample : 02912-12
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20230523

Quant Time: May 29 01:41:56 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)

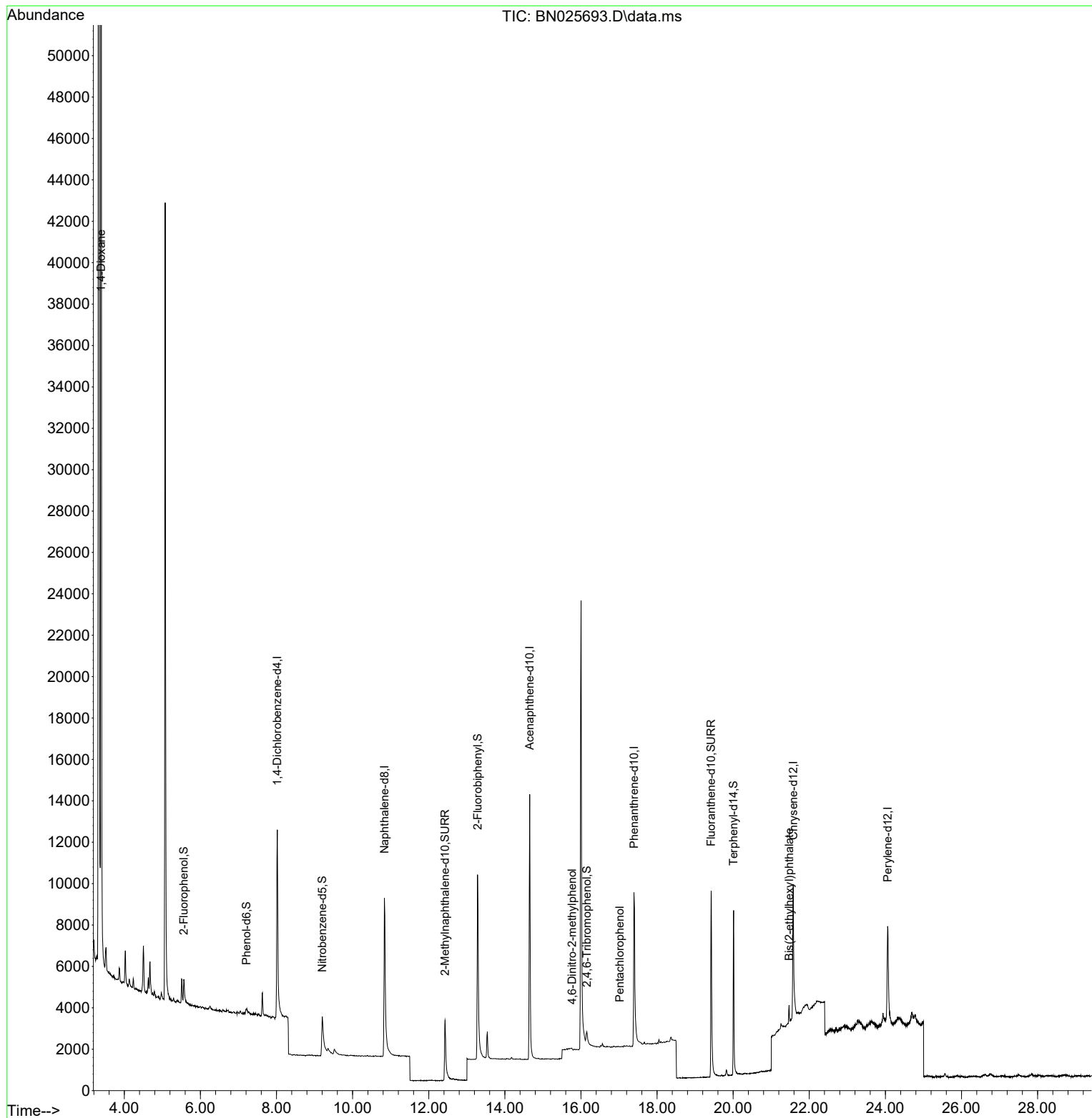
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5609	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	14785	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	8168	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	14864	0.400	ng	0.00
29) Chrysene-d12	21.578	240	8171	0.400	ng	0.00
35) Perylene-d12	24.060	264	8550	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1425	0.099	ng	0.00
5) Phenol-d6	7.210	99	657	0.038	ng	0.04
8) Nitrobenzene-d5	9.202	82	3385	0.273	ng	0.01
11) 2-Methylnaphthalene-d10	12.426	152	6507	0.308	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	479	0.290	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	10650	0.316	ng	0.00
27) Fluoranthene-d10	19.421	212	12442	0.369	ng	0.00
31) Terphenyl-d14	20.011	244	8492	0.475	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	45668	7.031	ng	Qvalue 98
20) 4,6-Dinitro-2-methylph...	15.767	198	4	0.115	ng	# 1
24) Pentachlorophenol	17.021	266	1	0.366	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.471	149	1036	0.056	ng	# 95

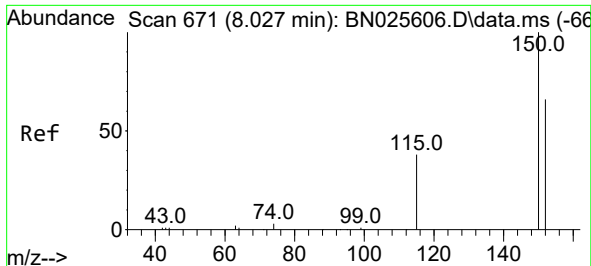
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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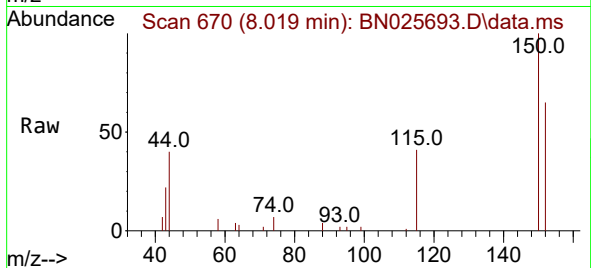
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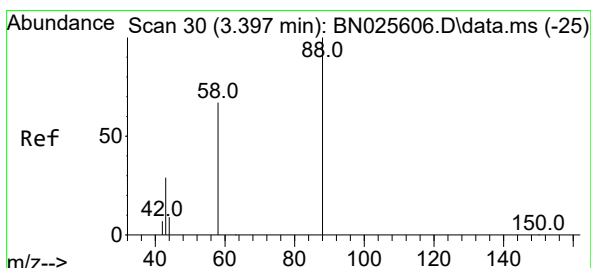
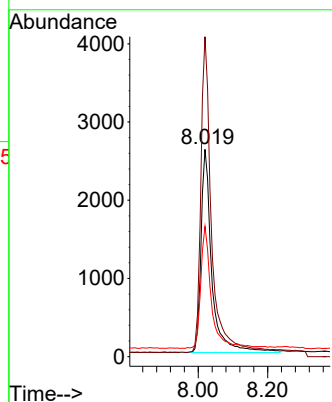
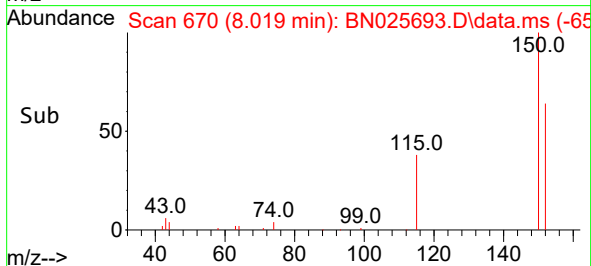


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025693.D
Acq: 28 May 2023 22:12

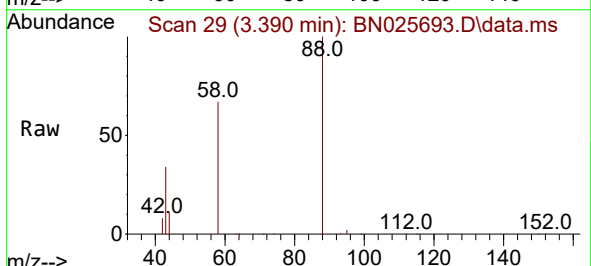
Instrument :
BNA_N
ClientSampleId :
RE134D2-20230523



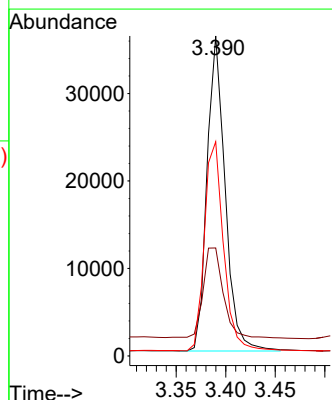
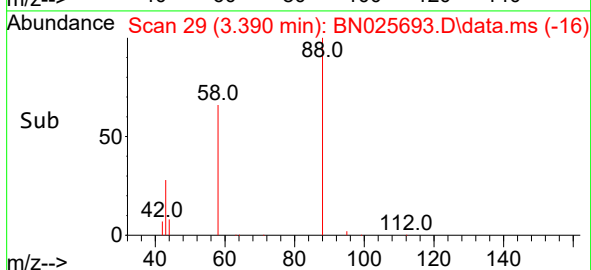
Tgt Ion:152 Resp: 5609
Ion Ratio Lower Upper
152 100
150 154.3 121.0 181.6
115 62.8 48.5 72.7

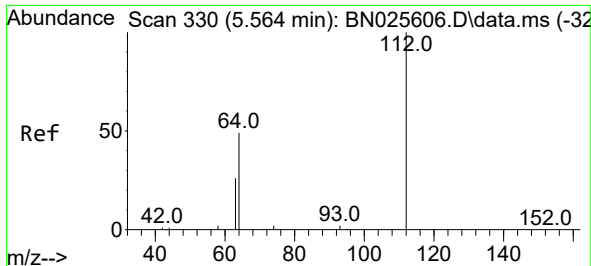


#2
1,4-Dioxane
Concen: 7.031 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025693.D
Acq: 28 May 2023 22:12



Tgt Ion: 88 Resp: 45668
Ion Ratio Lower Upper
88 100
43 31.4 26.5 39.7
58 70.1 56.8 85.2

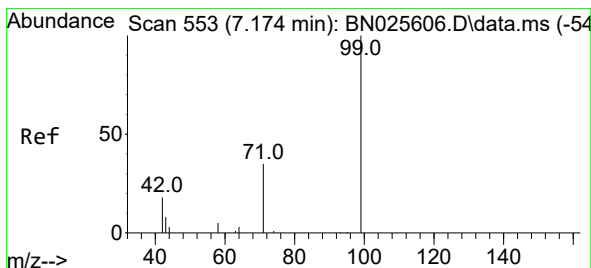
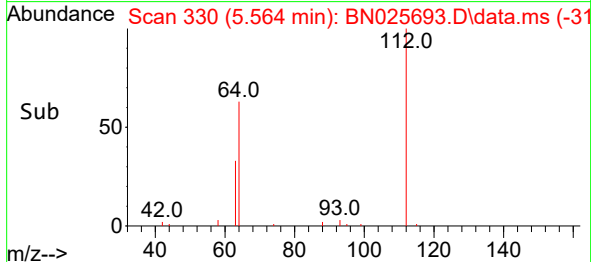
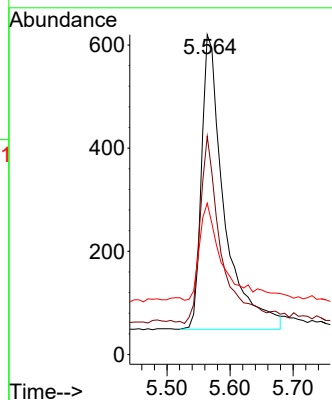
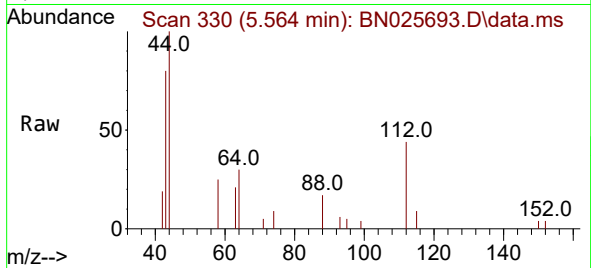




#4
2-Fluorophenol
Concen: 0.099 ng
RT: 5.564 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN025693.D
Acq: 28 May 2023 22:12

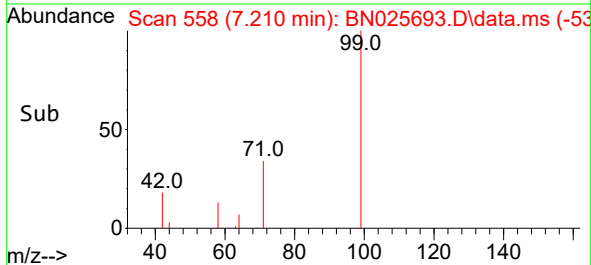
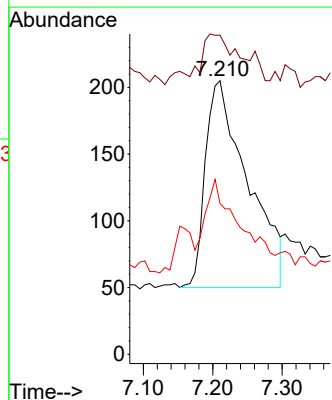
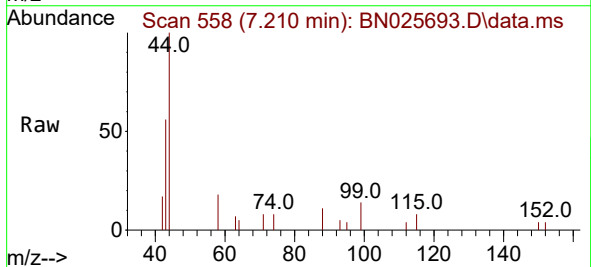
Instrument :
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ClientSampleId :
RE134D2-20230523

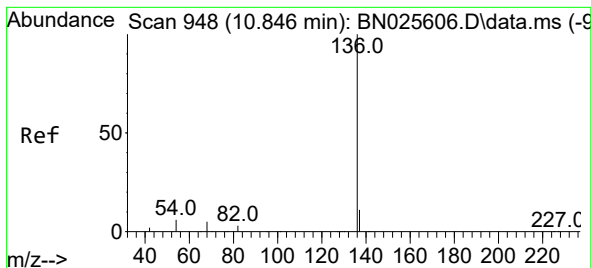
Tgt Ion:112 Resp: 1425
Ion Ratio Lower Upper
112 100
64 61.1 45.7 68.5
63 34.0 26.2 39.2



#5
Phenol-d6
Concen: 0.038 ng
RT: 7.210 min Scan# 558
Delta R.T. 0.036 min
Lab File: BN025693.D
Acq: 28 May 2023 22:12

Tgt Ion: 99 Resp: 657
Ion Ratio Lower Upper
99 100
42 15.7 17.1 25.7#
71 28.2 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: BN025693.D

Acq: 28 May 2023 22:12

Instrument :

BNA_N

ClientSampleId :

RE134D2-20230523

Tgt Ion:136 Resp: 14785

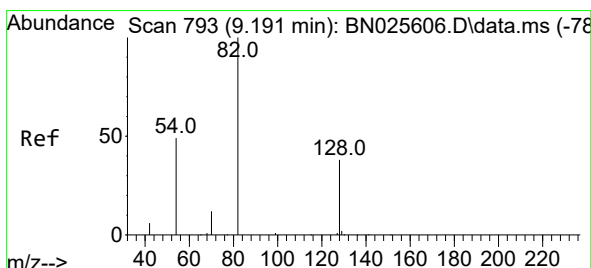
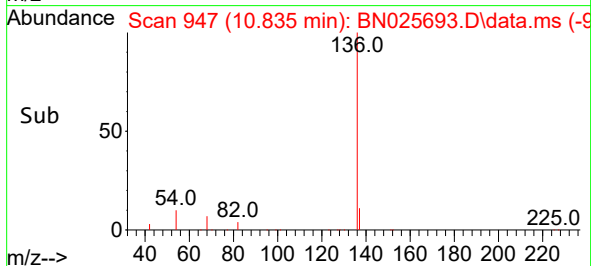
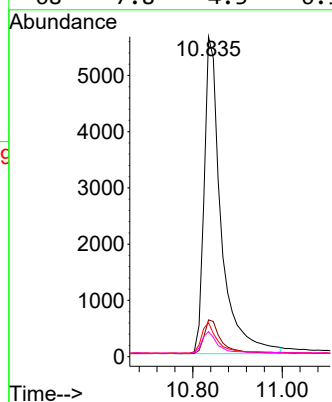
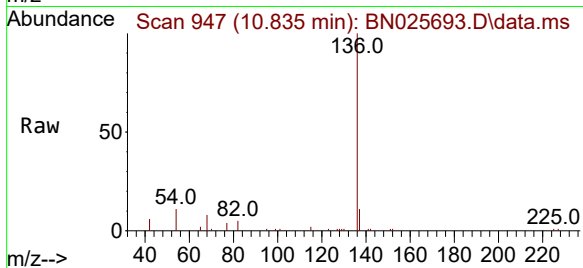
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 10.6 5.4 8.0#

68 7.8 4.3 6.5#



#8

Nitrobenzene-d5

Concen: 0.273 ng

RT: 9.202 min Scan# 794

Delta R.T. 0.011 min

Lab File: BN025693.D

Acq: 28 May 2023 22:12

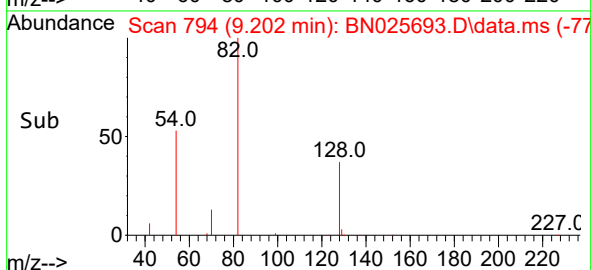
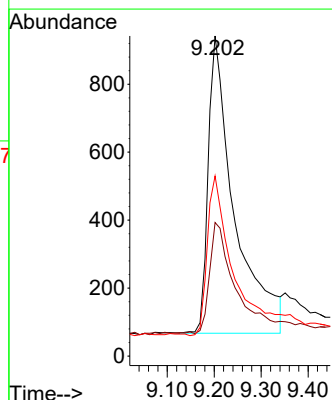
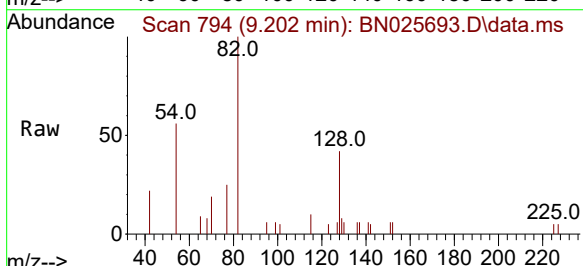
Tgt Ion: 82 Resp: 3385

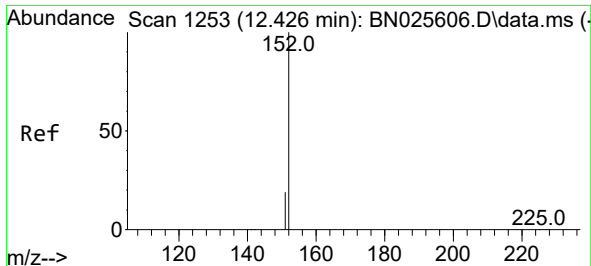
Ion Ratio Lower Upper

82 100

128 41.7 32.5 48.7

54 56.3 40.6 60.8





#11

2-Methylnaphthalene-d10

Concen: 0.308 ng

RT: 12.426 min Scan# 1253

Delta R.T. 0.004 min

Lab File: BN025693.D

Acq: 28 May 2023 22:12

Instrument :

BNA_N

ClientSampleId :

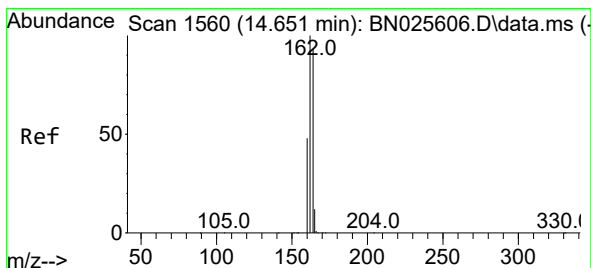
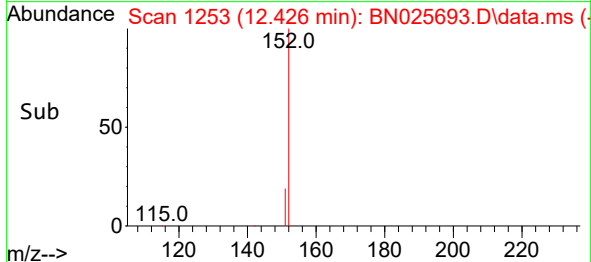
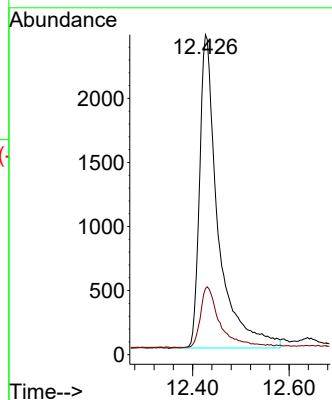
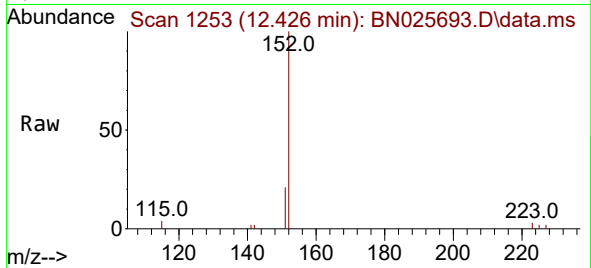
RE134D2-20230523

Tgt Ion:152 Resp: 6507

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: BN025693.D

Acq: 28 May 2023 22:12

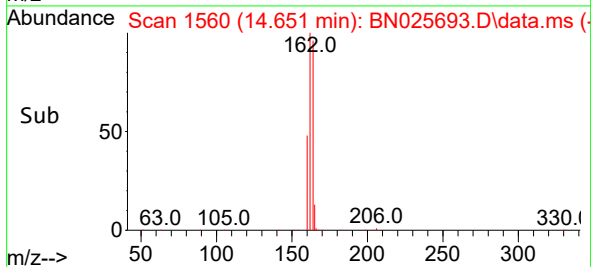
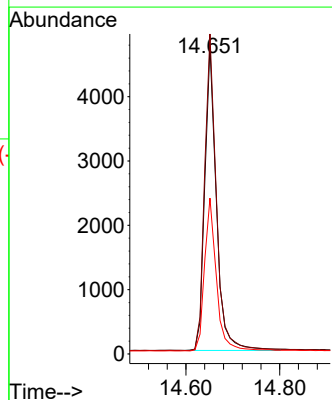
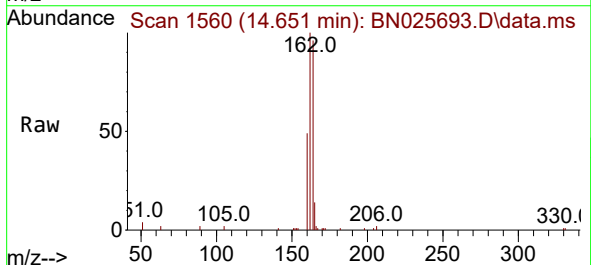
Tgt Ion:164 Resp: 8168

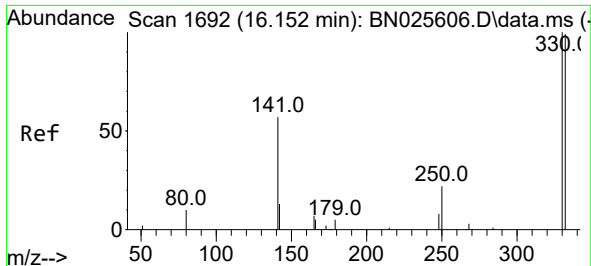
Ion Ratio Lower Upper

164 100

162 104.0 86.4 129.6

160 50.6 41.9 62.9

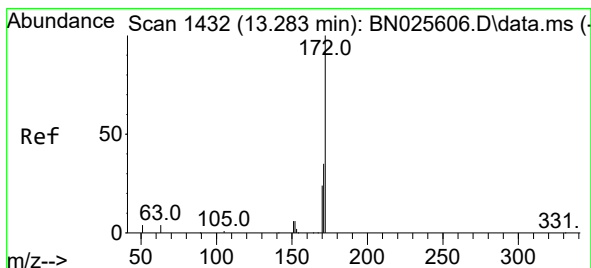
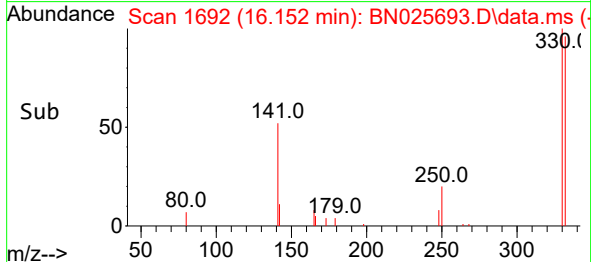
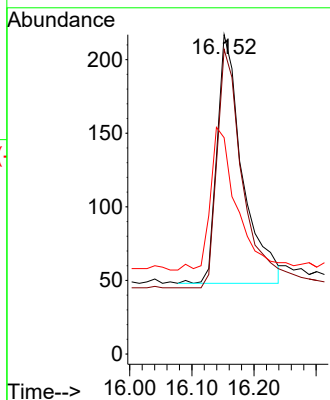
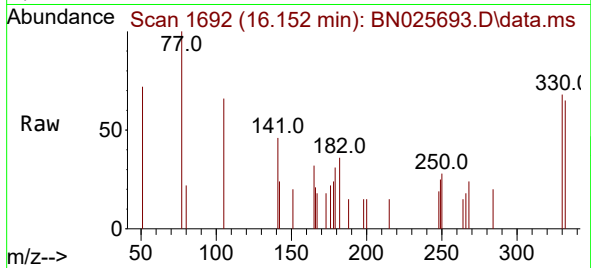




#14
2,4,6-Tribromophenol
Concen: 0.290 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025693.D
Acq: 28 May 2023 22:12

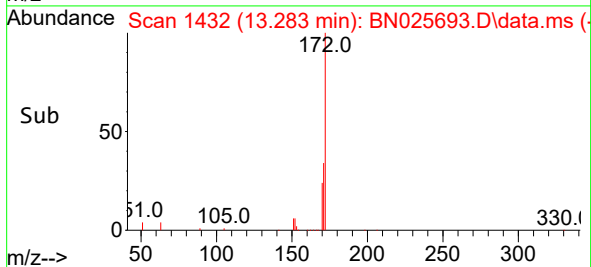
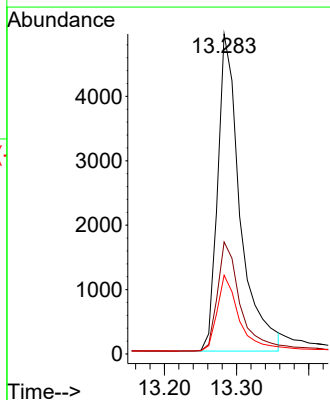
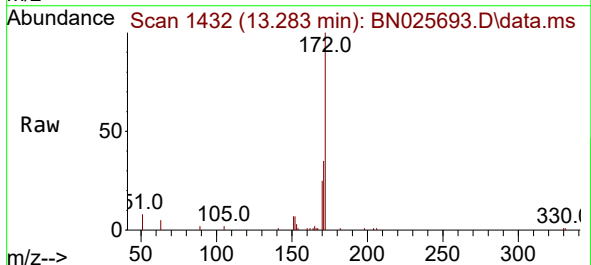
Instrument :
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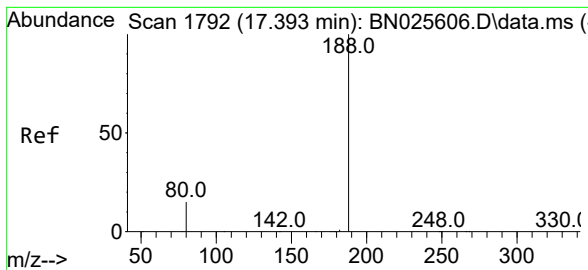
Tgt Ion: 330 Resp: 479
Ion Ratio Lower Upper
330 100
332 97.5 80.0 120.0
141 58.7 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.316 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025693.D
Acq: 28 May 2023 22:12

Tgt Ion: 172 Resp: 10650
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 24.6 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: BN025693.D

Acq: 28 May 2023 22:12

Instrument :

BNA_N

ClientSampleId :

RE134D2-20230523

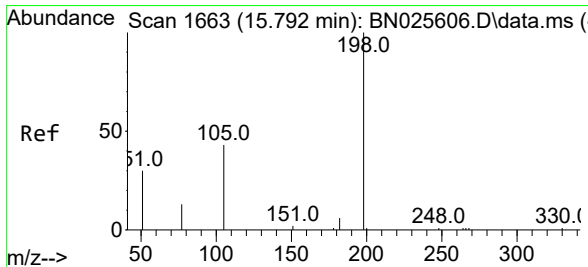
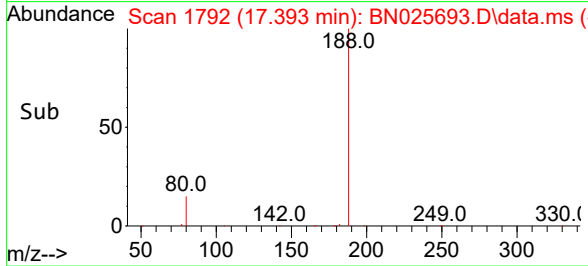
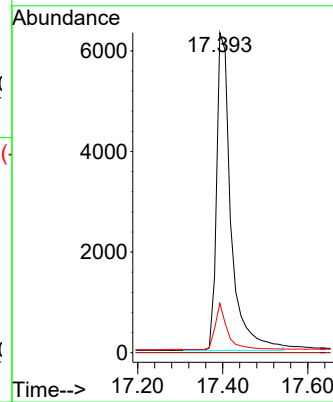
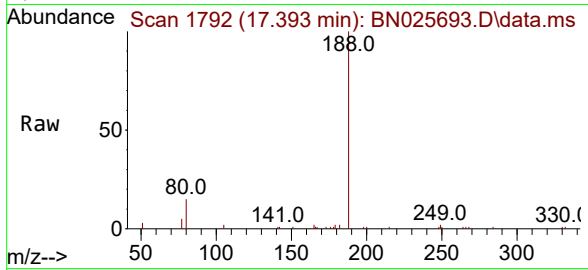
Tgt Ion:188 Resp: 14864

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.4 12.2 18.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.115 ng

RT: 15.767 min Scan# 1661

Delta R.T. -0.025 min

Lab File: BN025693.D

Acq: 28 May 2023 22:12

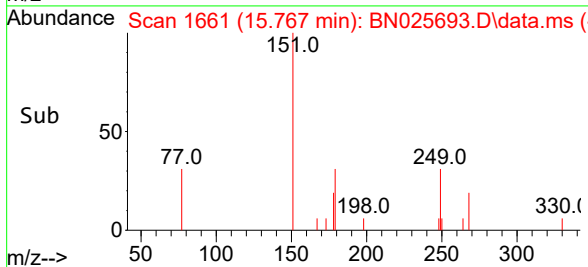
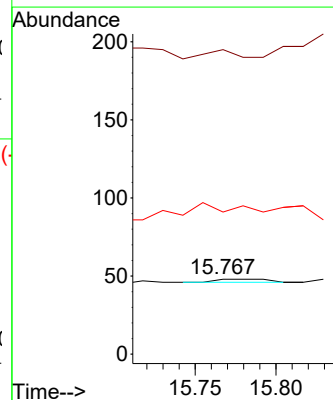
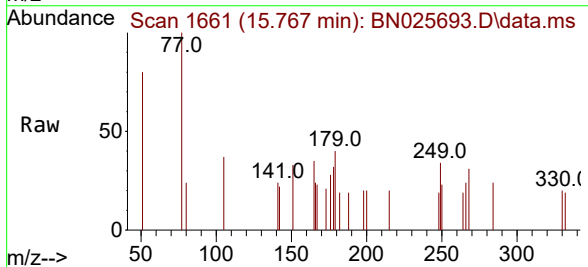
Tgt Ion:198 Resp: 4

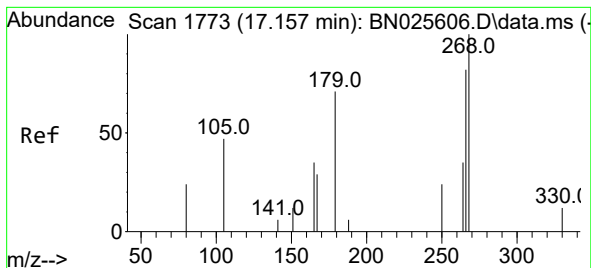
Ion Ratio Lower Upper

198 100

51 406.3 110.8 166.2#

105 189.6 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.366 ng

RT: 17.021 min Scan# 1

Delta R.T. -0.050 min

Lab File: BN025693.D

Acq: 28 May 2023 22:12

Instrument :

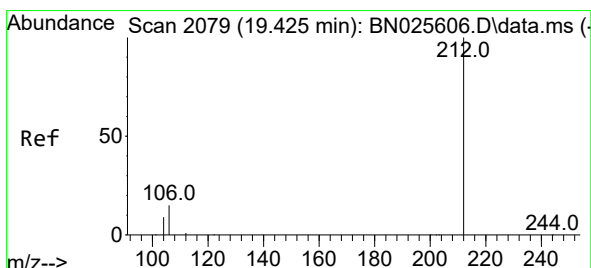
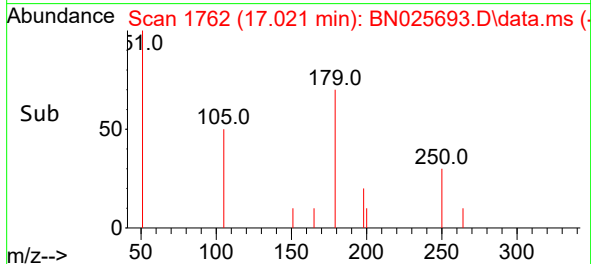
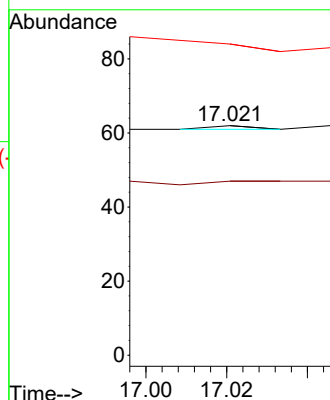
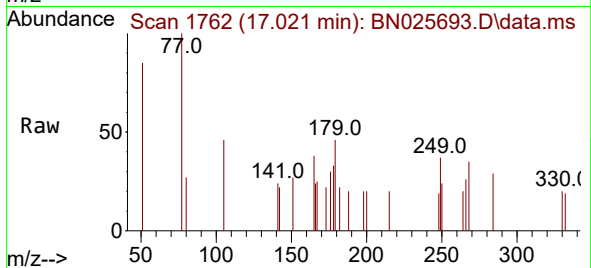
BNA_N

ClientSampleId :

RE134D2-20230523

Tgt Ion:266 Resp: 1

Ion	Ratio	Lower	Upper
266	100		
264	0.0	60.0	90.0#
268	0.0	0.0	0.0



#27

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.421 min Scan# 2078

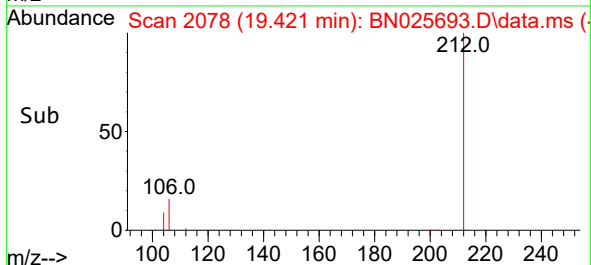
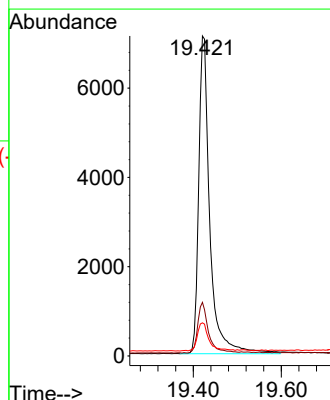
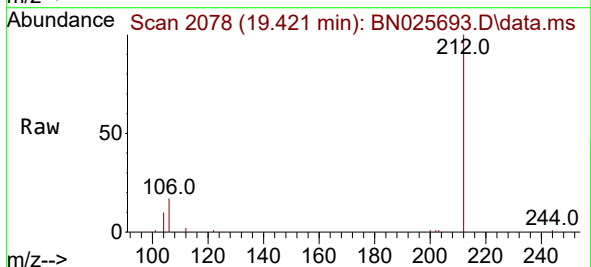
Delta R.T. -0.000 min

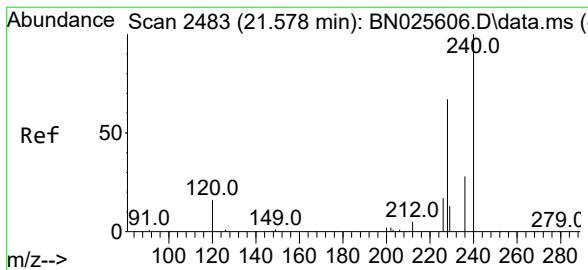
Lab File: BN025693.D

Acq: 28 May 2023 22:12

Tgt Ion:212 Resp: 12442

Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.3	18.5
104	9.4	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: BN025693.D

Acq: 28 May 2023 22:12

Instrument :

BNA_N

ClientSampleId :

RE134D2-20230523

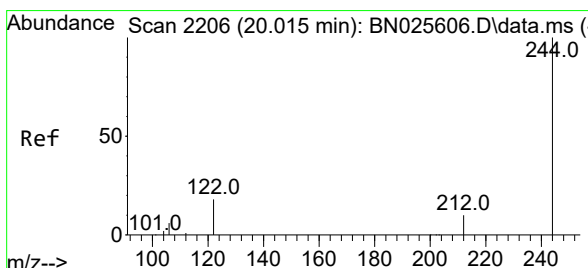
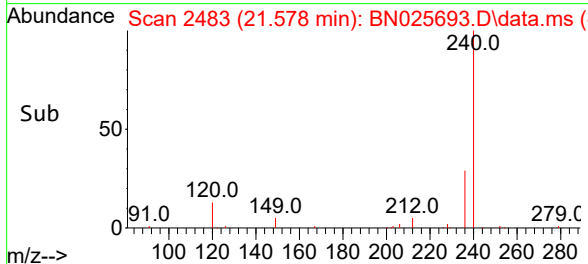
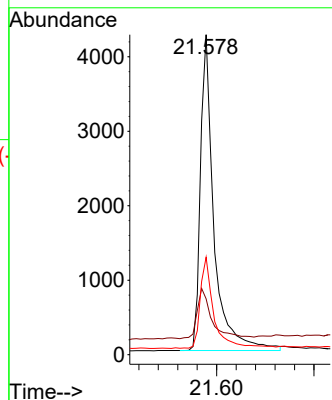
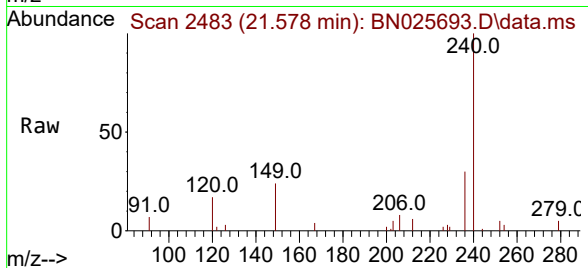
Tgt Ion:240 Resp: 8171

Ion Ratio Lower Upper

240 100

120 17.5 15.4 23.0

236 30.5 23.2 34.8



#31

Terphenyl-d14

Concen: 0.475 ng

RT: 20.011 min Scan# 2205

Delta R.T. -0.005 min

Lab File: BN025693.D

Acq: 28 May 2023 22:12

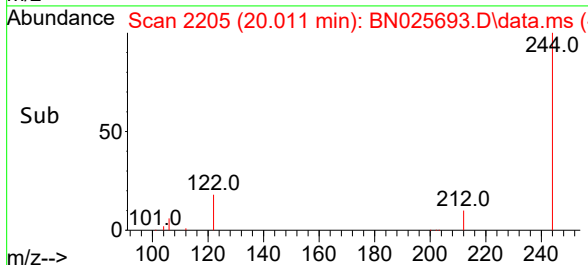
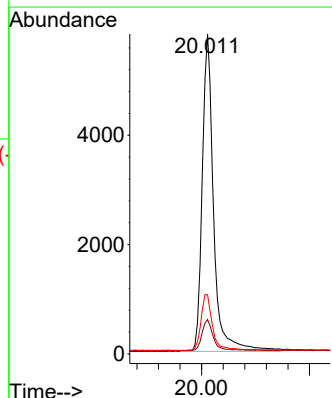
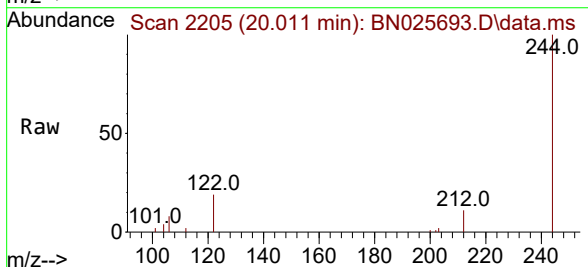
Tgt Ion:244 Resp: 8492

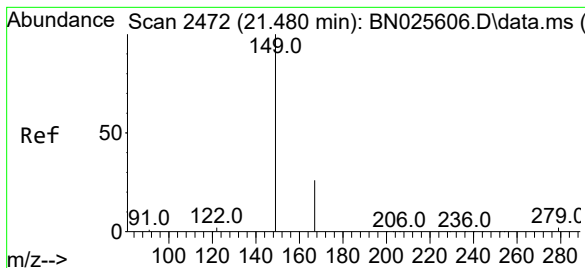
Ion Ratio Lower Upper

244 100

212 10.7 8.5 12.7

122 18.5 14.9 22.3

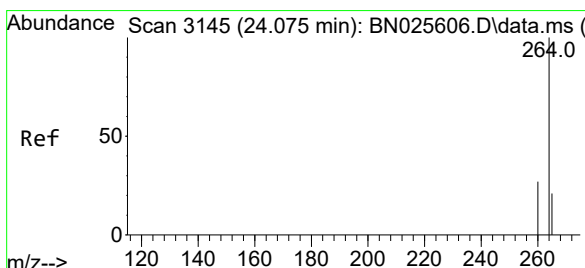
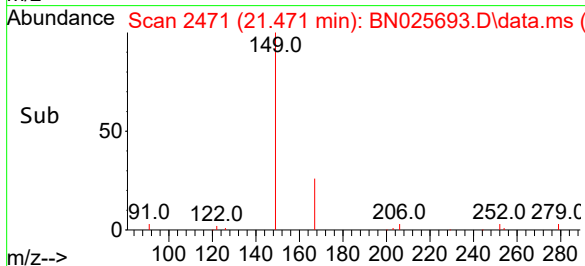
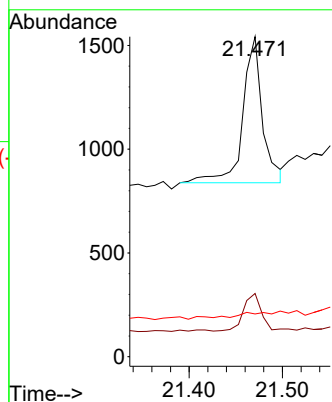
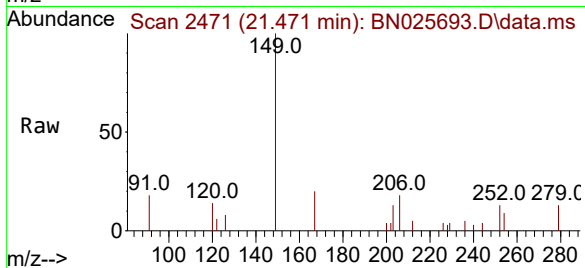




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.056 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. -0.000 min
 Lab File: BN025693.D
 Acq: 28 May 2023 22:12

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20230523

Tgt Ion:149 Resp: 1036
 Ion Ratio Lower Upper
 149 100
 167 23.4 20.4 30.6
 279 0.0 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.060 min Scan# 3140
 Delta R.T. -0.009 min
 Lab File: BN025693.D
 Acq: 28 May 2023 22:12

Tgt Ion:264 Resp: 8550
 Ion Ratio Lower Upper
 264 100
 260 27.8 22.3 33.5
 265 71.3 54.3 81.5

