

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
 Data File : BN025729.D
 Acq On : 31 May 2023 00:20
 Operator : CG/JU
 Sample : 02912-11DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20230523DL

Quant Time: May 31 04:49:06 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)

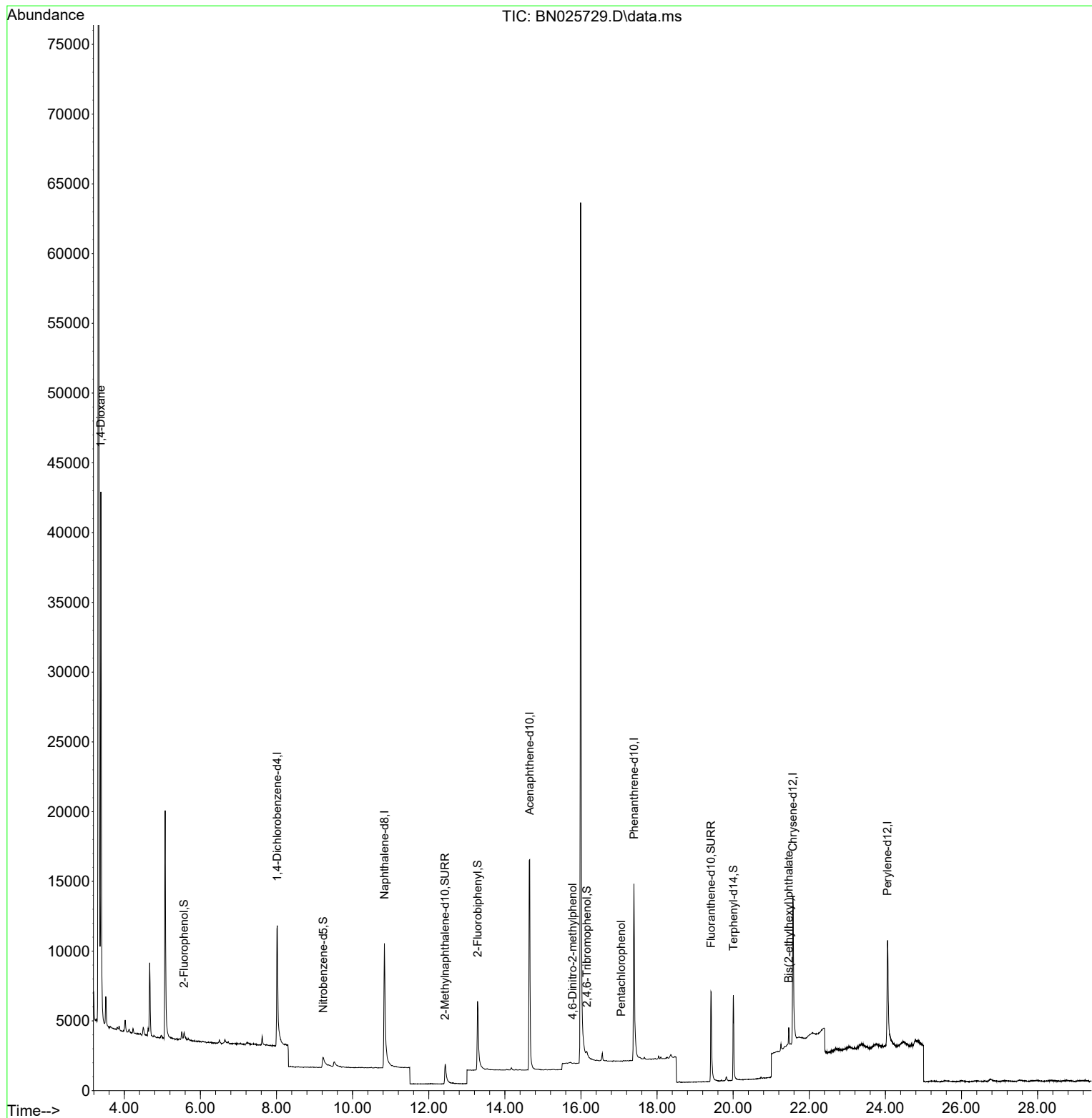
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.020	152	6370	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	17885	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	11164	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	22597	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	14381	0.400	ng	0.00
35) Perylene-d12	24.057	264	12596	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.571	112	776	0.048	ng	0.01
5) Phenol-d6	7.218	99	275	0.014	ng	0.04
8) Nitrobenzene-d5	9.223	82	1735	0.116	ng	0.03
11) 2-Methylnaphthalene-d10	12.430	152	3821	0.150	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	287	0.127	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	6734	0.146	ng	0.00
27) Fluoranthene-d10	19.421	212	9581	0.187	ng	0.00
31) Terphenyl-d14	20.006	244	6875	0.218	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.383	88	24384	3.306	ng	Qvalue 100
20) 4,6-Dinitro-2-methylph...	15.780	198	3	0.114	ng	# 1
24) Pentachlorophenol	17.058	266	4	0.368	ng	# 41
34) Bis(2-ethylhexyl)phtha...	21.462	149	1472	0.045	ng	# 87

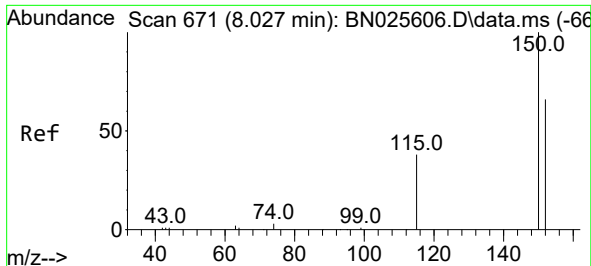
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
Data File : BN025729.D
Acq On : 31 May 2023 00:20
Operator : CG/JU
Sample : 02912-11DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE134D3-20230523DL

Quant Time: May 31 04:49:06 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

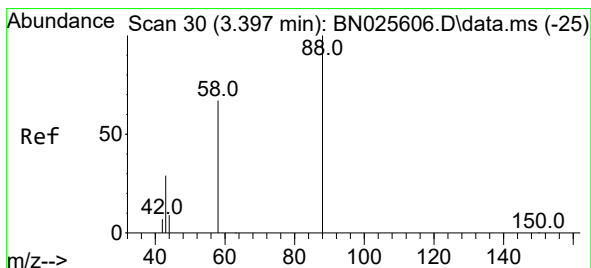
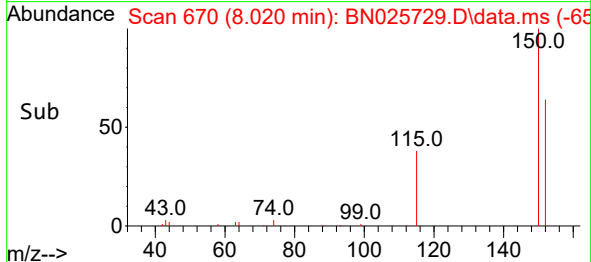
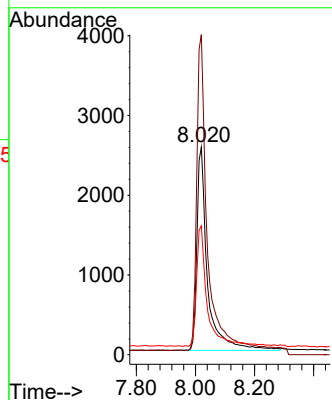
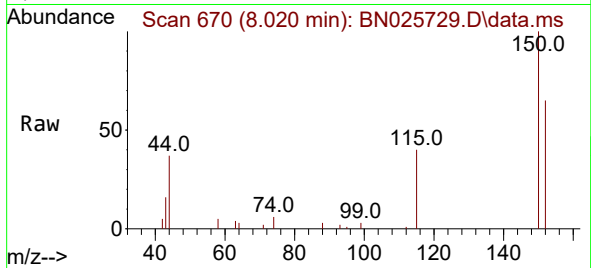




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.020 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN025729.D
 Acq: 31 May 2023 00:20

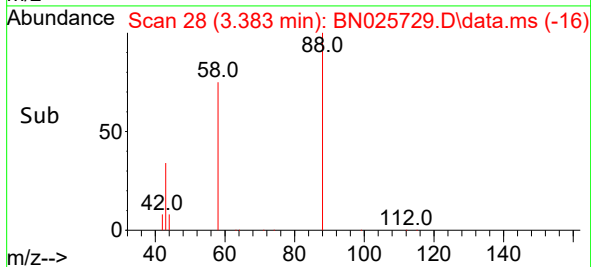
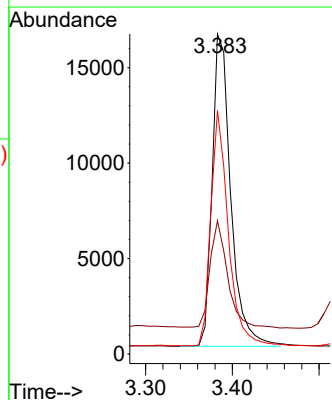
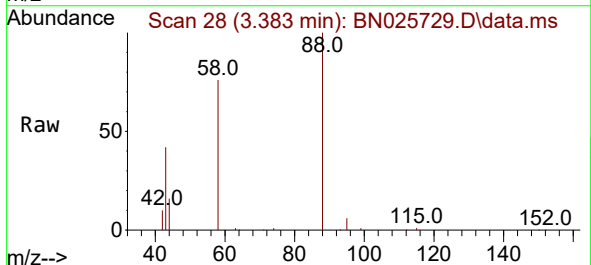
Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20230523DL

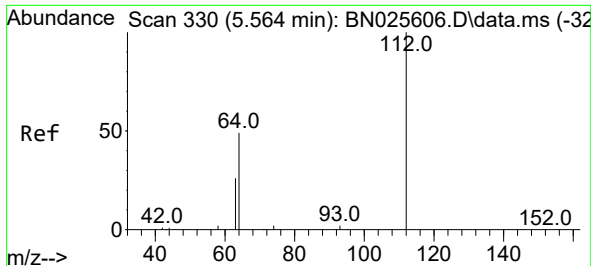
Tgt Ion:152 Resp: 6370
 Ion Ratio Lower Upper
 152 100
 150 154.1 121.0 181.6
 115 62.0 48.5 72.7



#2
 1,4-Dioxane
 Concen: 3.306 ng
 RT: 3.383 min Scan# 28
 Delta R.T. -0.014 min
 Lab File: BN025729.D
 Acq: 31 May 2023 00:20

Tgt Ion: 88 Resp: 24384
 Ion Ratio Lower Upper
 88 100
 43 32.7 26.5 39.7
 58 70.8 56.8 85.2

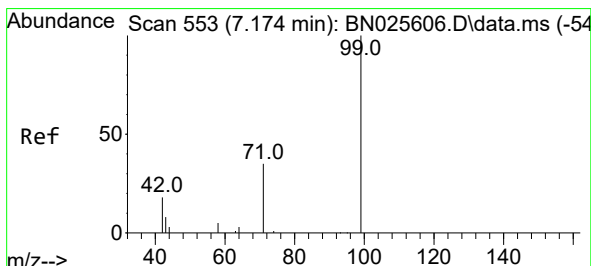
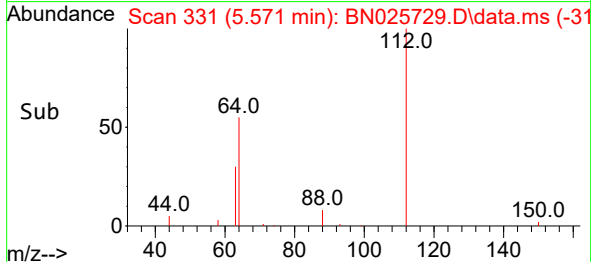
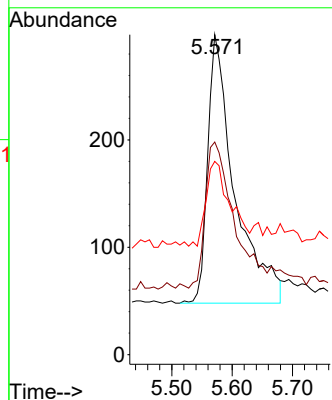
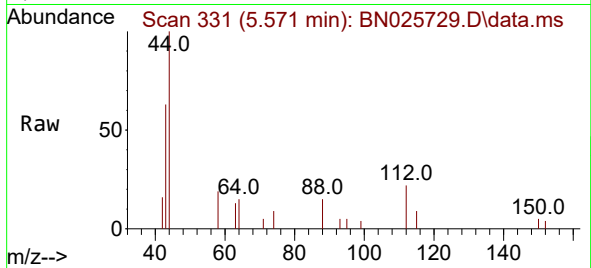




#4
2-Fluorophenol
Concen: 0.048 ng
RT: 5.571 min Scan# 311
Delta R.T. 0.015 min
Lab File: BN025729.D
Acq: 31 May 2023 00:20

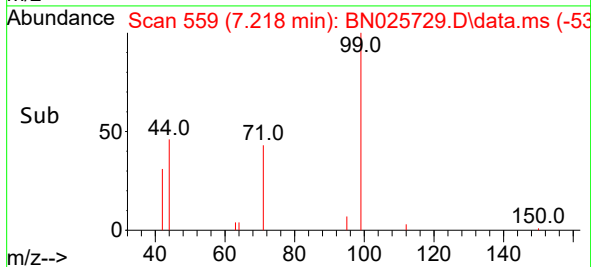
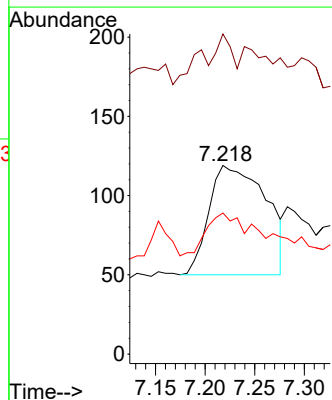
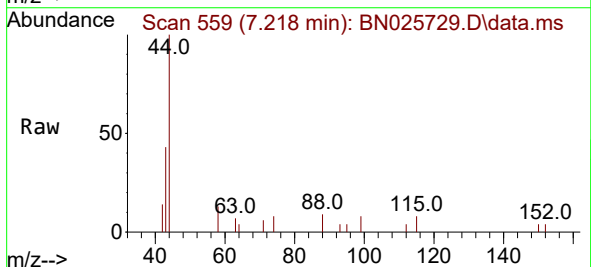
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230523DL

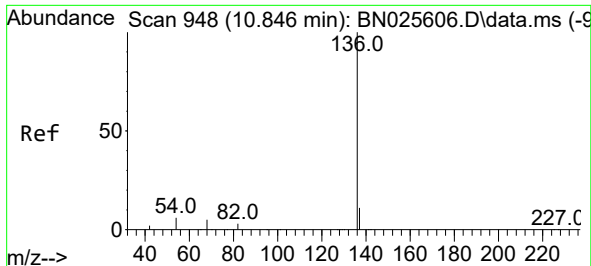
Tgt Ion:112 Resp: 776
Ion Ratio Lower Upper
112 100
64 57.7 45.7 68.5
63 28.5 26.2 39.2



#5
Phenol-d6
Concen: 0.014 ng
RT: 7.218 min Scan# 559
Delta R.T. 0.043 min
Lab File: BN025729.D
Acq: 31 May 2023 00:20

Tgt Ion: 99 Resp: 275
Ion Ratio Lower Upper
99 100
42 9.1 17.1 25.7#
71 33.5 29.3 43.9

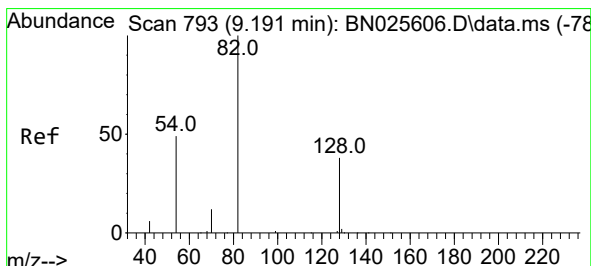
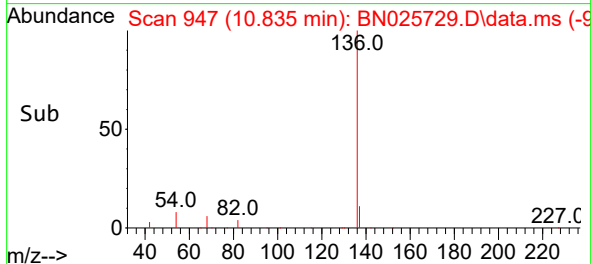
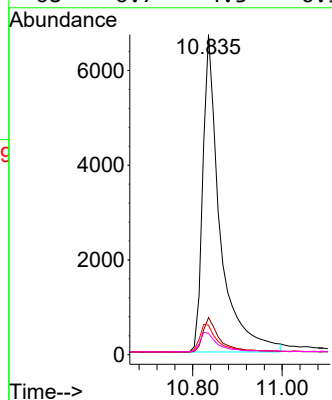
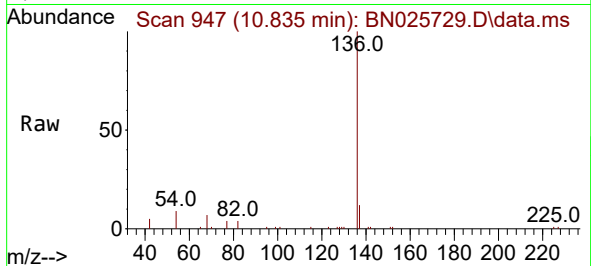




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN025729.D
Acq: 31 May 2023 00:20

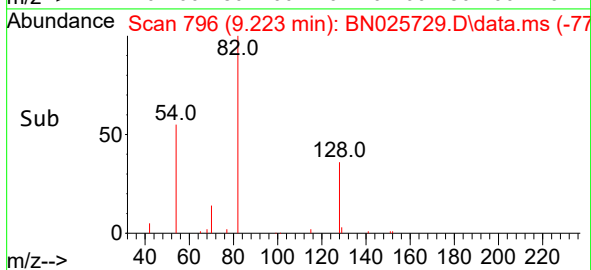
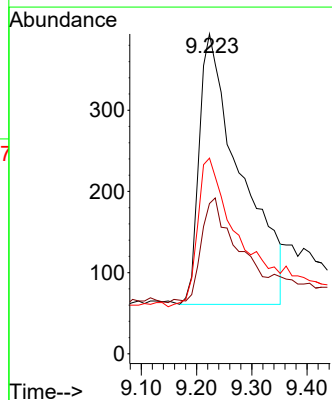
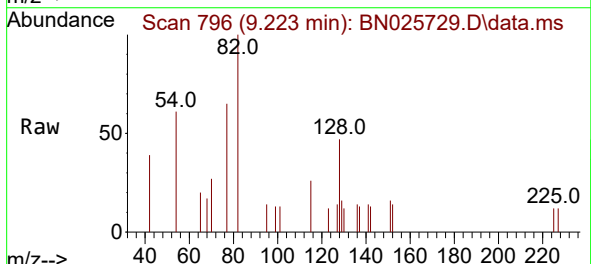
Instrument :
BNA_N
ClientSampleId :
RE134D3-20230523DL

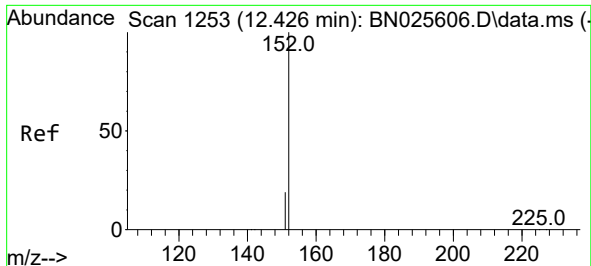
Tgt Ion:	136	Resp:	17885
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.1	13.7
54	9.2	5.4	8.0#
68	6.7	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.116 ng
RT: 9.223 min Scan# 796
Delta R.T. 0.032 min
Lab File: BN025729.D
Acq: 31 May 2023 00:20

Tgt Ion:	82	Resp:	1735
Ion Ratio	Lower	Upper	
82	100		
128	47.0	32.5	48.7
54	61.2	40.6	60.8#





#11

2-Methylnaphthalene-d10

Concen: 0.150 ng

RT: 12.430 min Scan# 1253

Delta R.T. 0.007 min

Lab File: BN025729.D

Acq: 31 May 2023 00:20

Instrument :

BNA_N

ClientSampleId :

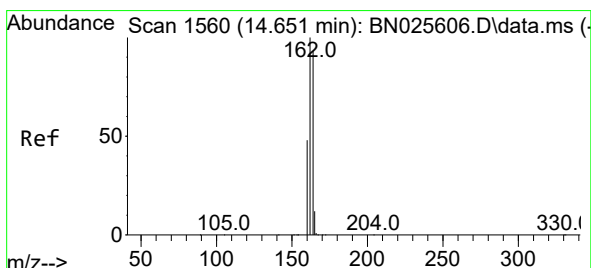
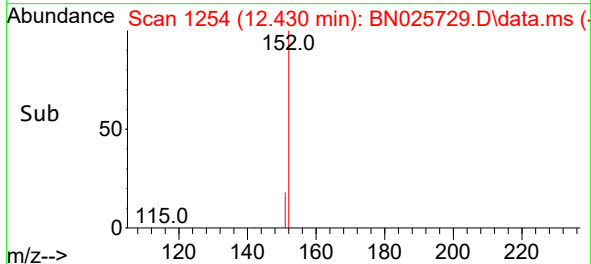
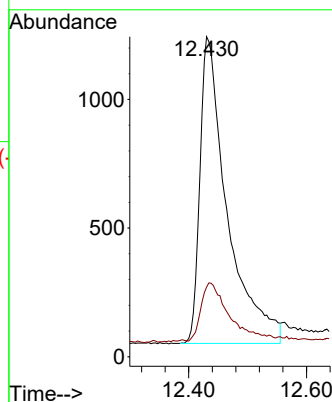
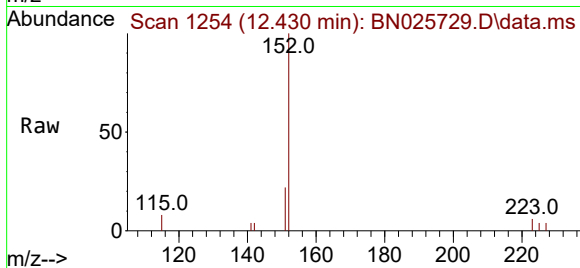
RE134D3-20230523DL

Tgt Ion:152 Resp: 3821

Ion Ratio Lower Upper

152 100

151 19.7 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: BN025729.D

Acq: 31 May 2023 00:20

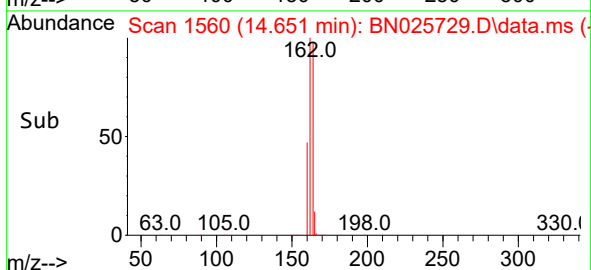
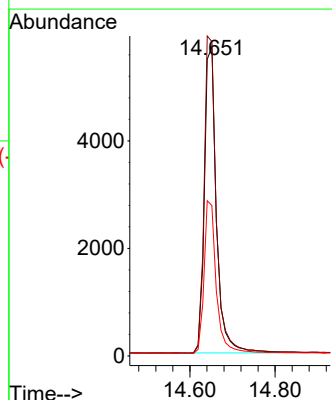
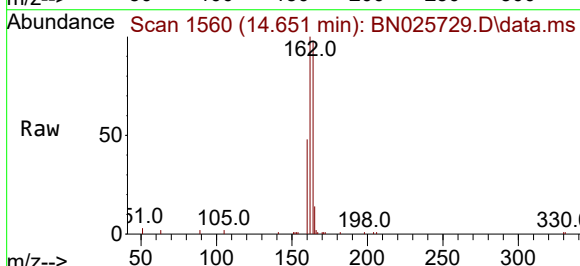
Tgt Ion:164 Resp: 11164

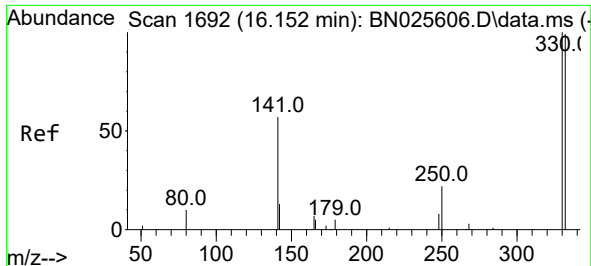
Ion Ratio Lower Upper

164 100

162 101.6 86.4 129.6

160 48.6 41.9 62.9

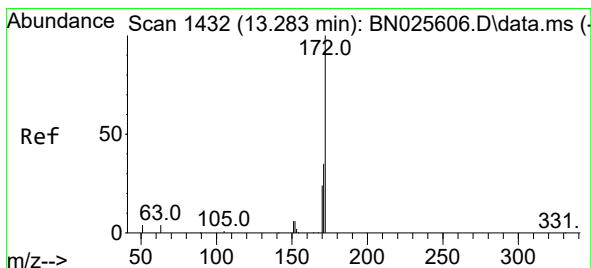
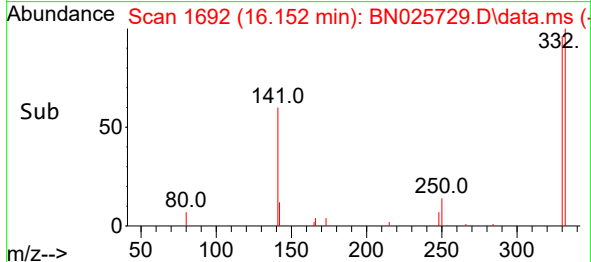
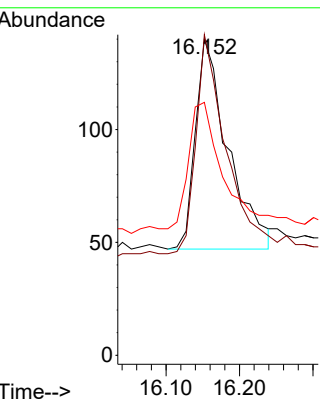
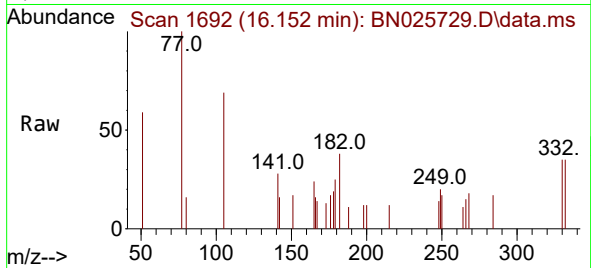




#14
2,4,6-Tribromophenol
Concen: 0.127 ng
RT: 16.152 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN025729.D
Acq: 31 May 2023 00:20

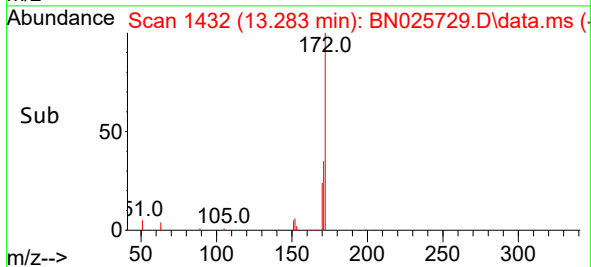
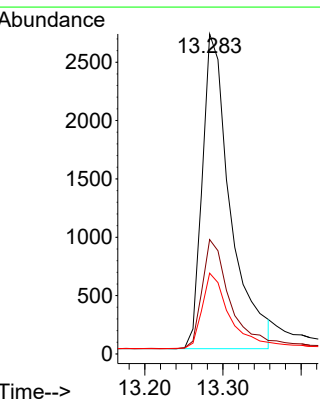
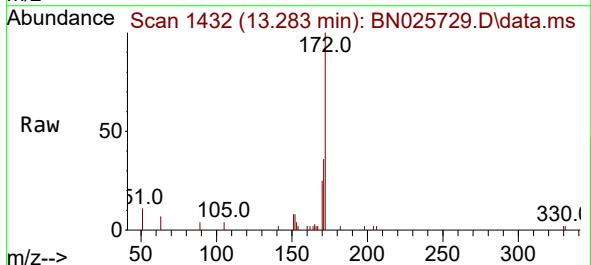
Instrument :
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RE134D3-20230523DL

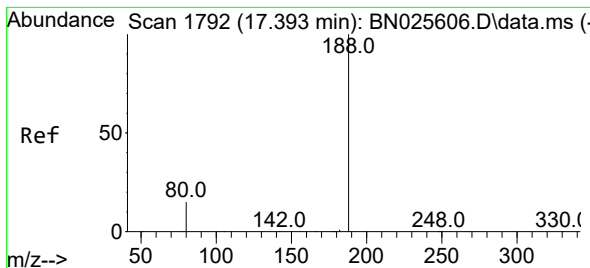
Tgt Ion:330 Resp: 287
Ion Ratio Lower Upper
330 100
332 98.3 80.0 120.0
141 64.5 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.146 ng
RT: 13.283 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BN025729.D
Acq: 31 May 2023 00:20

Tgt Ion:172 Resp: 6734
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 25.3 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: BN025729.D

Acq: 31 May 2023 00:20

Instrument :

BNA_N

ClientSampleId :

RE134D3-20230523DL

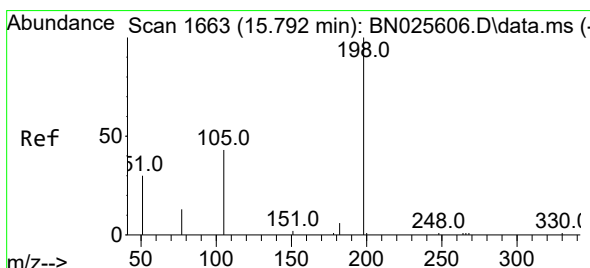
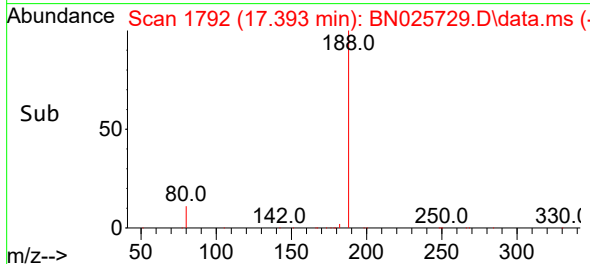
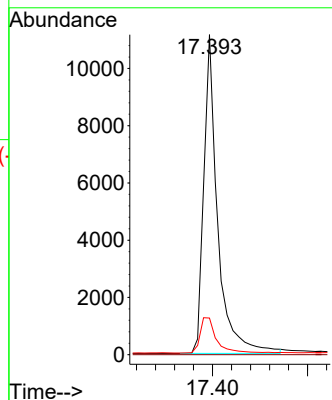
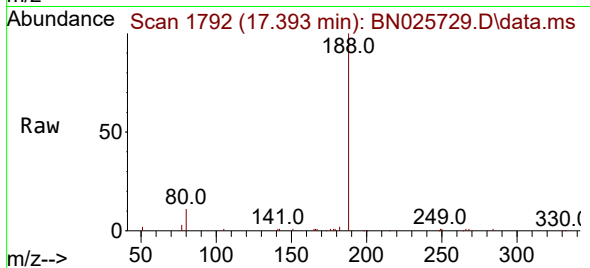
Tgt Ion:188 Resp: 22597

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.5 12.2 18.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.114 ng

RT: 15.780 min Scan# 1662

Delta R.T. -0.012 min

Lab File: BN025729.D

Acq: 31 May 2023 00:20

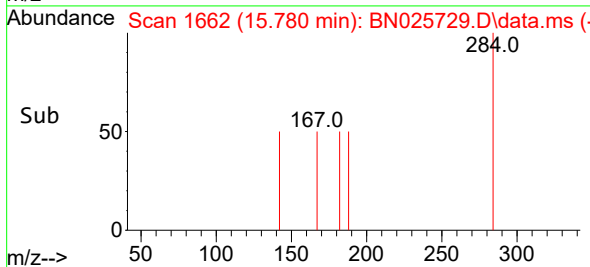
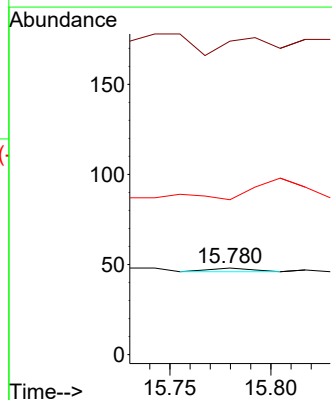
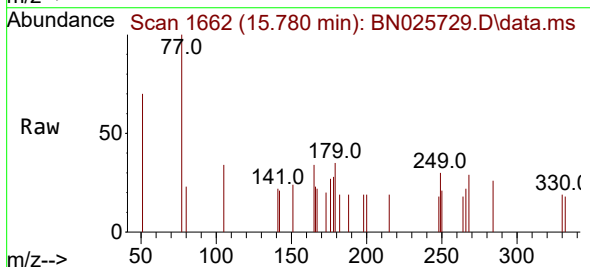
Tgt Ion:198 Resp: 3

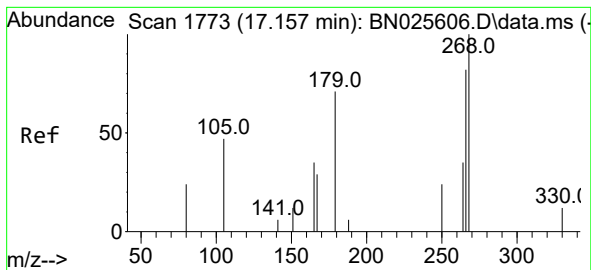
Ion Ratio Lower Upper

198 100

51 362.5 110.8 166.2#

105 179.2 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.368 ng

RT: 17.058 min Scan# 1765

Delta R.T. -0.013 min

Lab File: BN025729.D

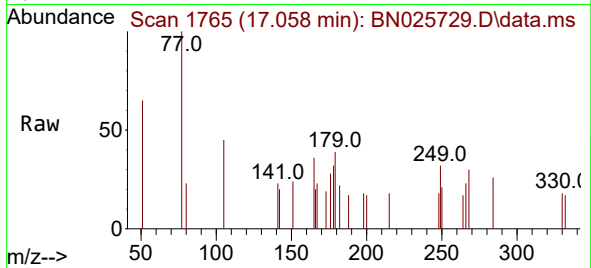
Acq: 31 May 2023 00:20

Instrument :

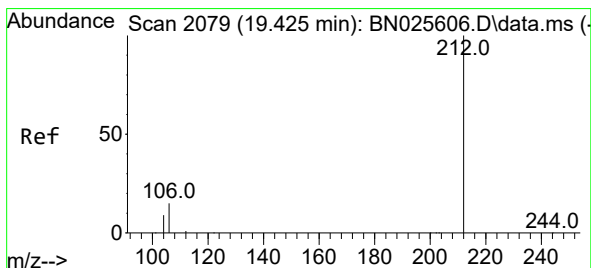
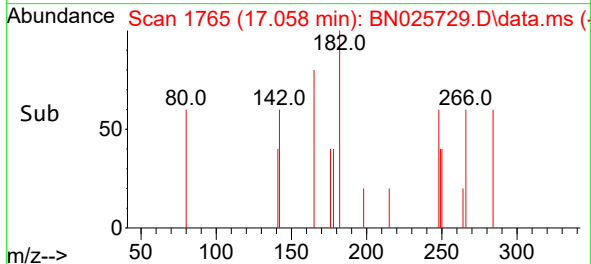
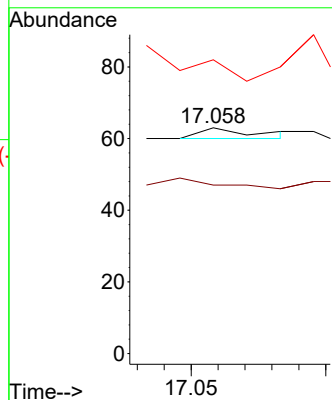
BNA_N

ClientSampleId :

RE134D3-20230523DL



Tgt Ion:	266	Resp:	4
Ion Ratio	Lower	Upper	
266	100		
264	125.0	60.0	90.0#
268	0.0	0.0	0.0



#27

Fluoranthene-d10

Concen: 0.187 ng

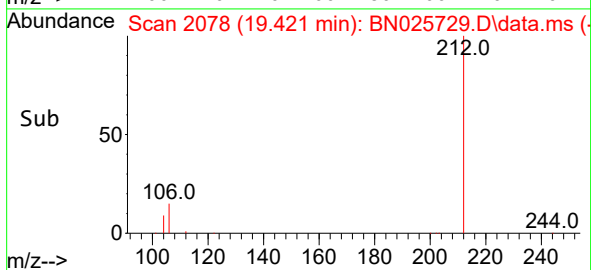
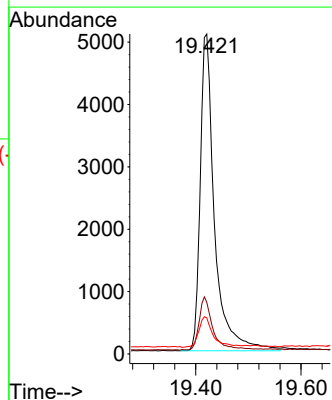
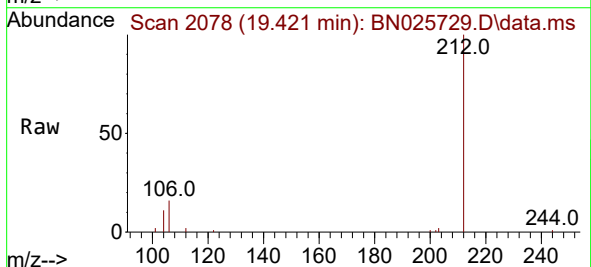
RT: 19.421 min Scan# 2078

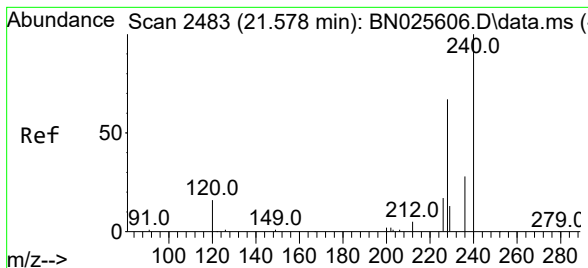
Delta R.T. 0.000 min

Lab File: BN025729.D

Acq: 31 May 2023 00:20

Tgt Ion:	212	Resp:	9581
Ion Ratio	Lower	Upper	
212	100		
106	15.9	12.3	18.5
104	9.9	7.2	10.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.569 min Scan# 2483

Delta R.T. -0.009 min

Lab File: BN025729.D

Acq: 31 May 2023 00:20

Instrument :

BNA_N

ClientSampleId :

RE134D3-20230523DL

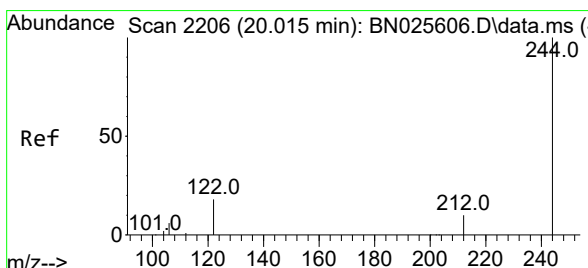
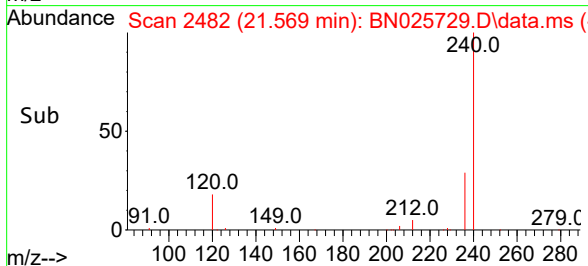
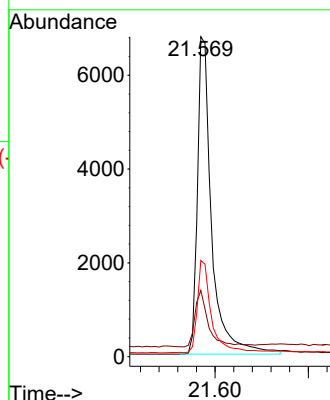
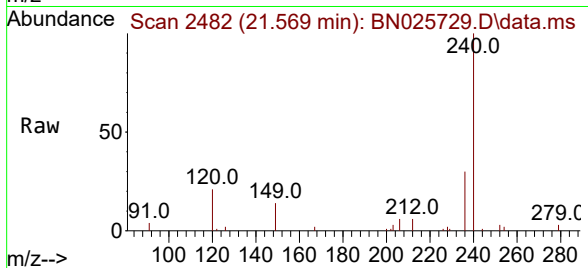
Tgt Ion:240 Resp: 14381

Ion Ratio Lower Upper

240 100

120 20.7 15.4 23.0

236 30.0 23.2 34.8



#31

Terphenyl-d14

Concen: 0.218 ng

RT: 20.006 min Scan# 2204

Delta R.T. -0.009 min

Lab File: BN025729.D

Acq: 31 May 2023 00:20

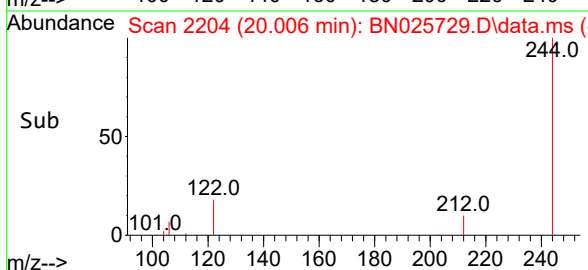
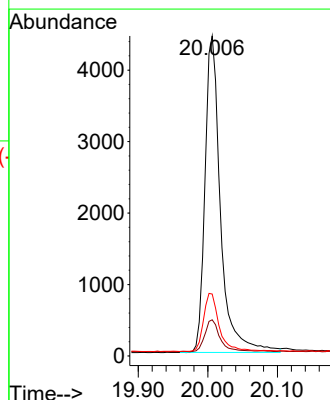
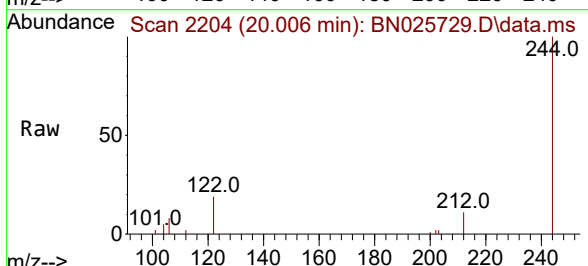
Tgt Ion:244 Resp: 6875

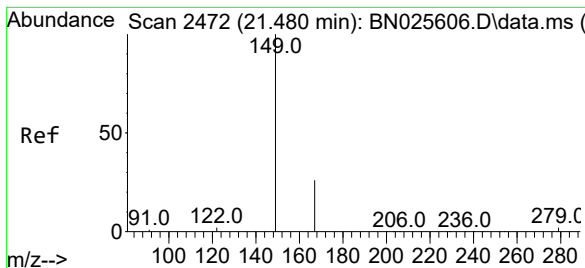
Ion Ratio Lower Upper

244 100

212 11.3 8.5 12.7

122 19.3 14.9 22.3

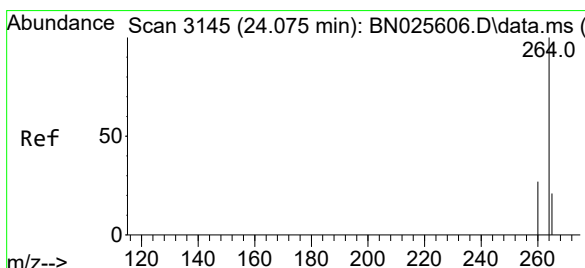
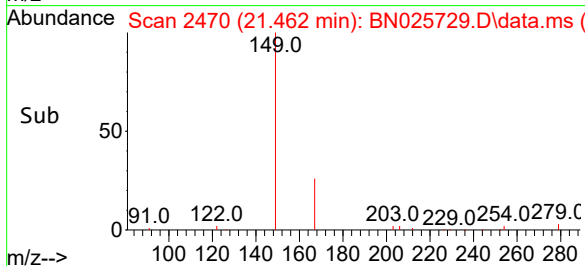
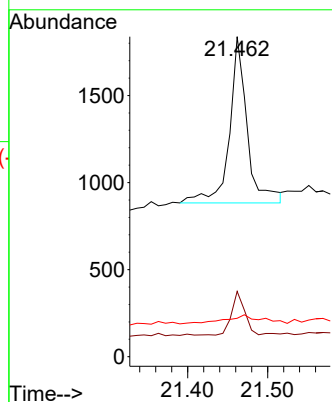
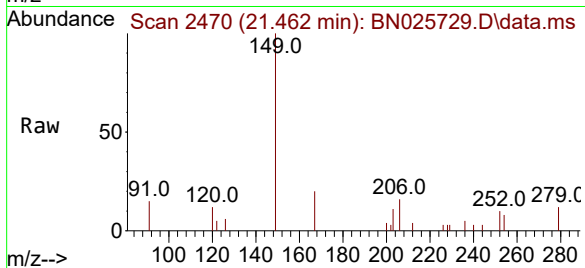




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.045 ng
 RT: 21.462 min Scan# 2470
 Delta R.T. -0.009 min
 Lab File: BN025729.D
 Acq: 31 May 2023 00:20

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20230523DL

Tgt Ion:149 Resp: 1472
 Ion Ratio Lower Upper
 149 100
 167 19.3 20.4 30.6#
 279 10.9 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.057 min Scan# 3139
 Delta R.T. -0.012 min
 Lab File: BN025729.D
 Acq: 31 May 2023 00:20

Tgt Ion:264 Resp: 12596
 Ion Ratio Lower Upper
 264 100
 260 27.0 22.3 33.5
 265 51.3 54.3 81.5#

