

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025658.D
 Acq On : 27 May 2023 22:58
 Operator : CG/JU
 Sample : 02911-08
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20230523

Quant Time: May 29 00:55:35 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)

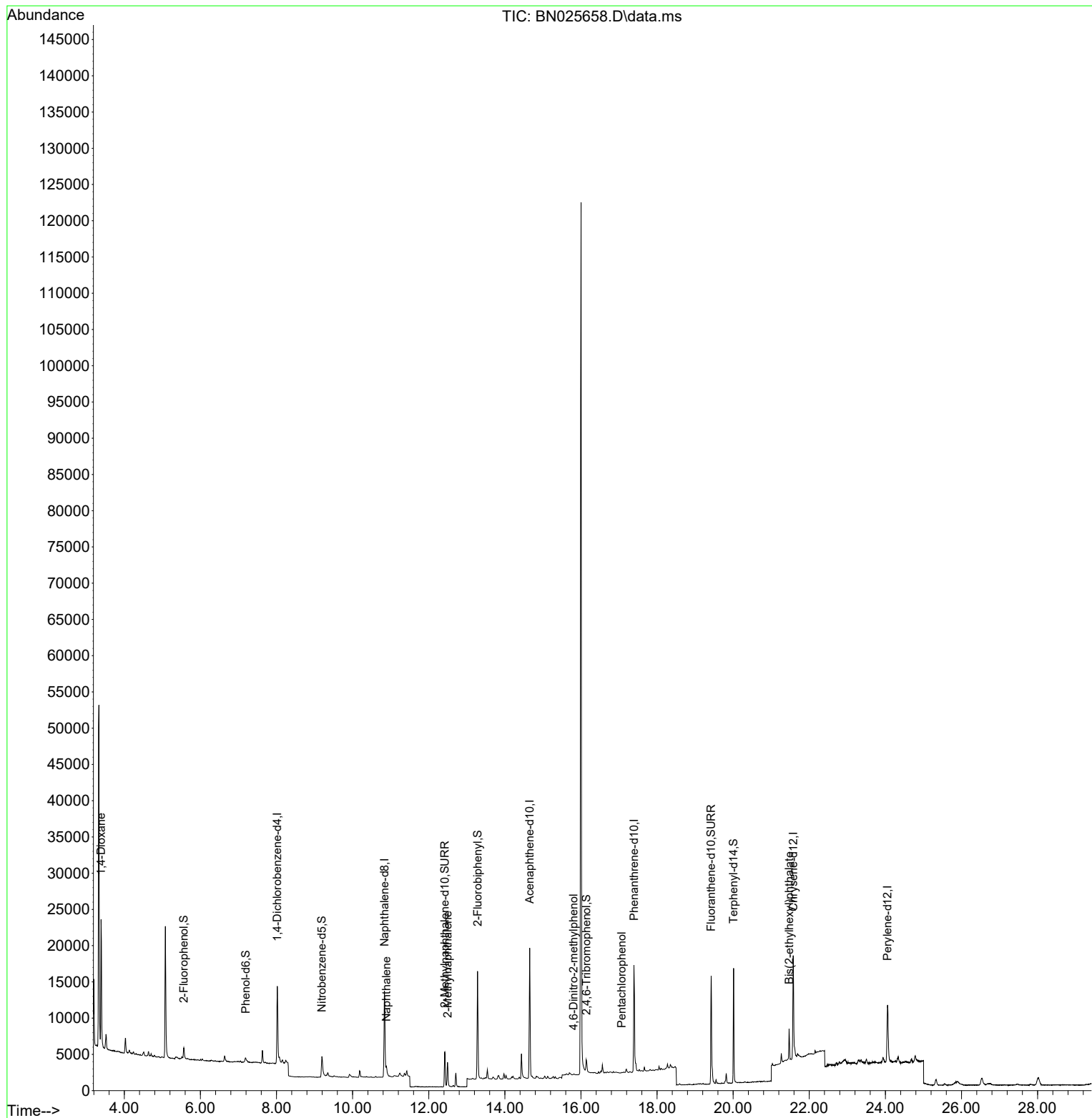
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	6072	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	17533	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	10091	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	21838	0.400	ng	0.00
29) Chrysene-d12	21.578	240	15005	0.400	ng	0.00
35) Perylene-d12	24.057	264	13245	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	1699	0.109	ng	0.00
5) Phenol-d6	7.189	99	1034	0.055	ng	0.01
8) Nitrobenzene-d5	9.191	82	3654	0.249	ng	0.00
11) 2-Methylnaphthalene-d10	12.419	152	7202	0.288	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	991	0.486	ng	-0.01
15) 2-Fluorobiphenyl	13.283	172	13083	0.314	ng	0.00
27) Fluoranthene-d10	19.421	212	17577	0.355	ng	0.00
31) Terphenyl-d14	20.011	244	14446	0.440	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	10917	1.553	ng	100
9) Naphthalene	10.889	128	1699	0.035	ng	# 88
12) 2-Methylnaphthalene	12.495	142	2677	0.081	ng	96
20) 4,6-Dinitro-2-methylph...	15.805	198	22	0.121	ng	# 1
24) Pentachlorophenol	17.071	266	25	0.384	ng	# 50
34) Bis(2-ethylhexyl)phtha...	21.471	149	4252	0.125	ng	# 99

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

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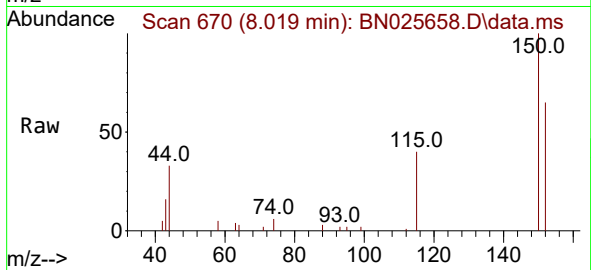
Quant Time: May 29 00:55:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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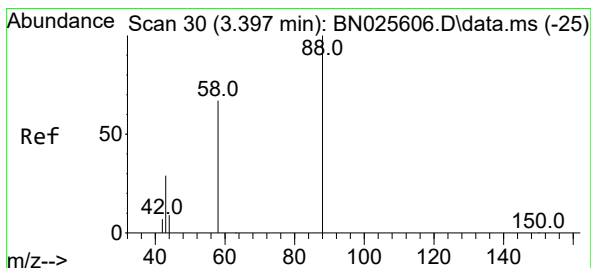
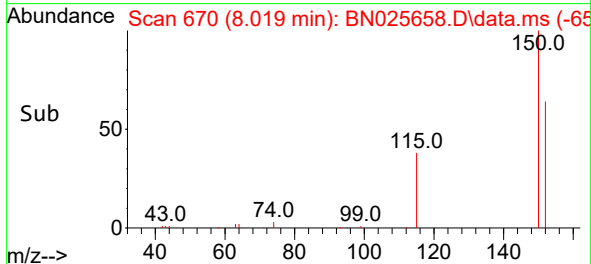
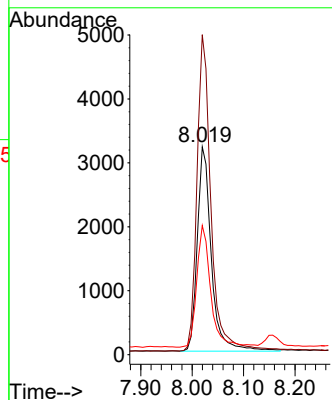


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025658.D
Acq: 27 May 2023 22:58

Instrument :
BNA_N
ClientSampleId :
TT172S1-20230523

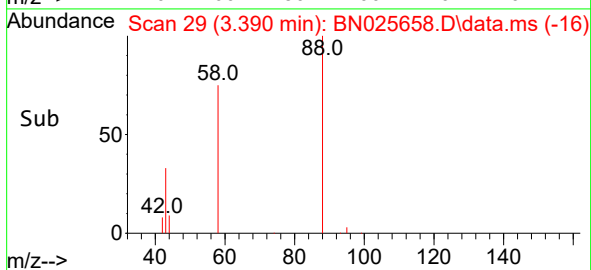
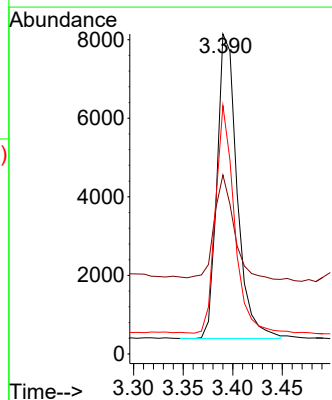
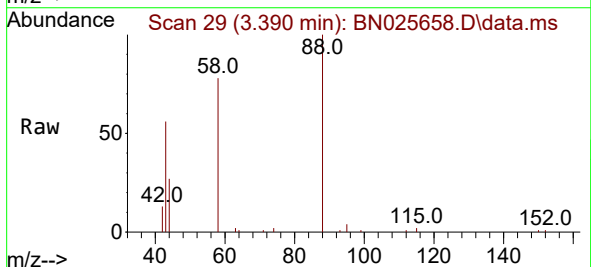


Tgt Ion:152 Resp: 6072
Ion Ratio Lower Upper
152 100
150 154.0 121.0 181.6
115 62.1 48.5 72.7



#2
1,4-Dioxane
Concen: 1.553 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025658.D
Acq: 27 May 2023 22:58

Tgt Ion: 88 Resp: 10917
Ion Ratio Lower Upper
88 100
43 33.5 26.5 39.7
58 70.7 56.8 85.2





#4

2-Fluorophenol

Concen: 0.109 ng

RT: 5.564 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN025658.D

Acq: 27 May 2023 22:58

Instrument :

BNA_N

ClientSampleId :

TT172S1-20230523

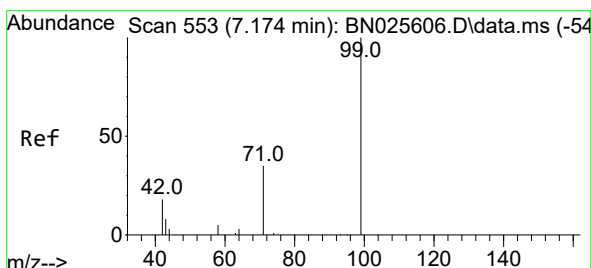
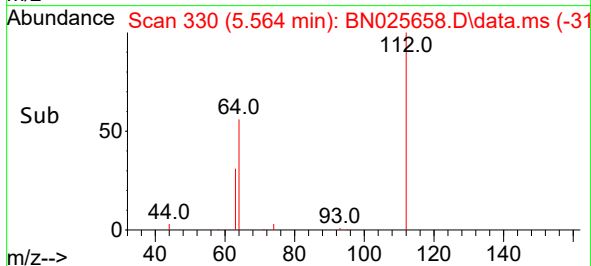
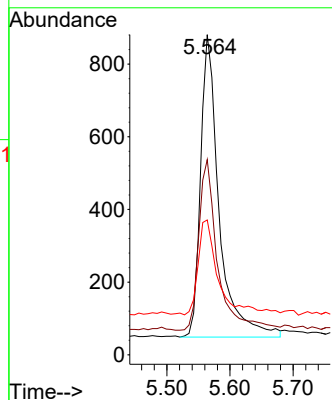
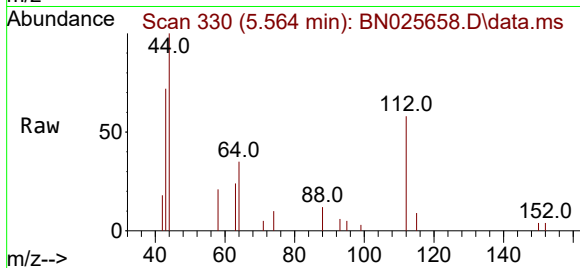
Tgt Ion:112 Resp: 1699

Ion Ratio Lower Upper

112 100

64 57.3 45.7 68.5

63 31.8 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: BN025658.D

Acq: 27 May 2023 22:58

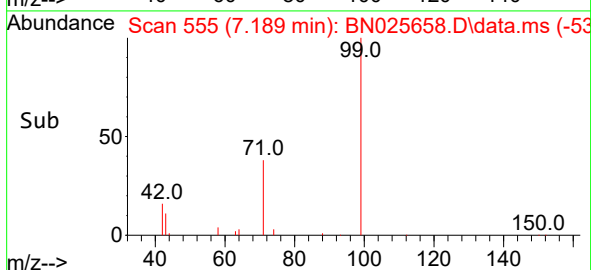
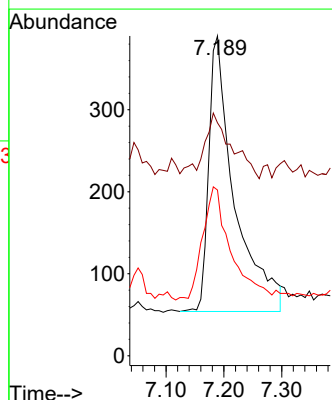
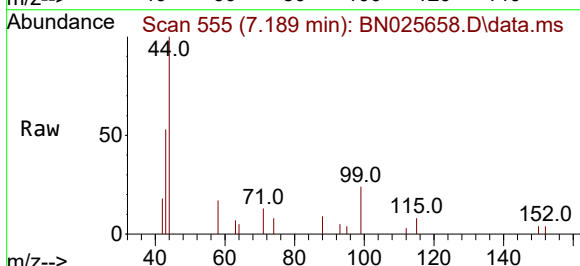
Tgt Ion: 99 Resp: 1034

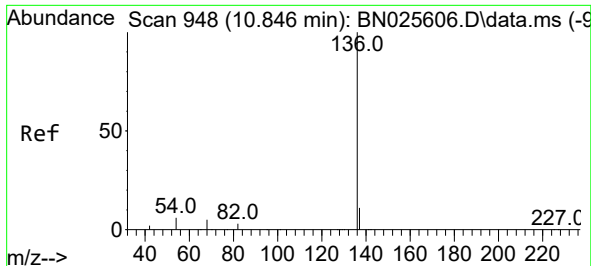
Ion Ratio Lower Upper

99 100

42 25.9 17.1 25.7#

71 45.1 29.3 43.9#

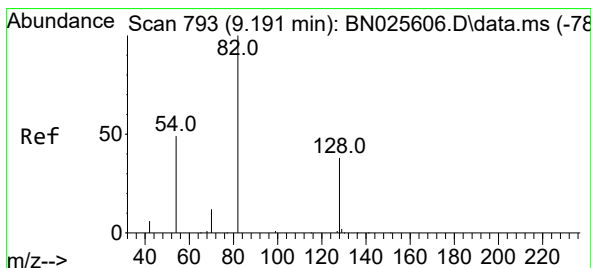
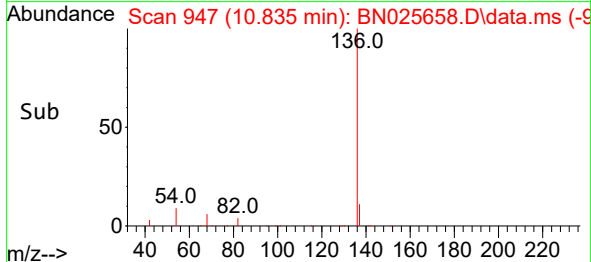
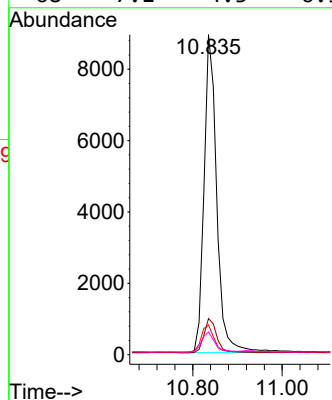
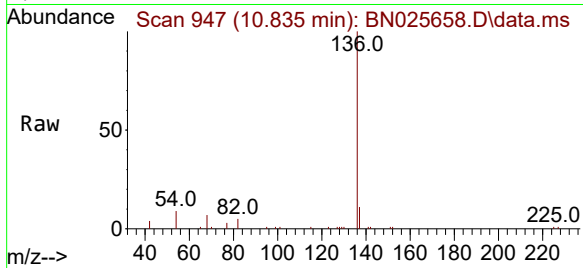




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN025658.D
Acq: 27 May 2023 22:58

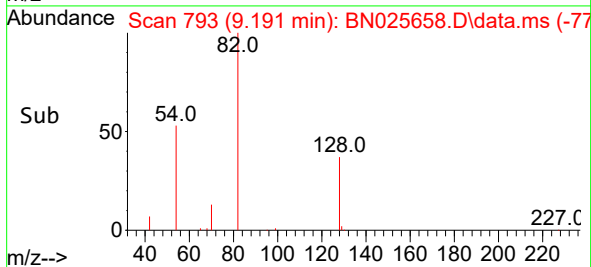
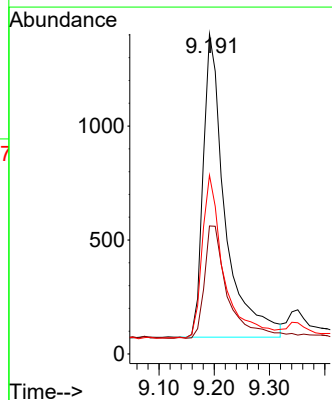
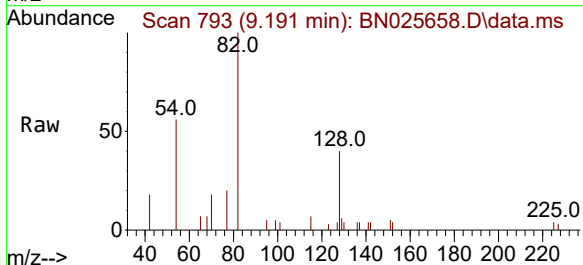
Instrument :
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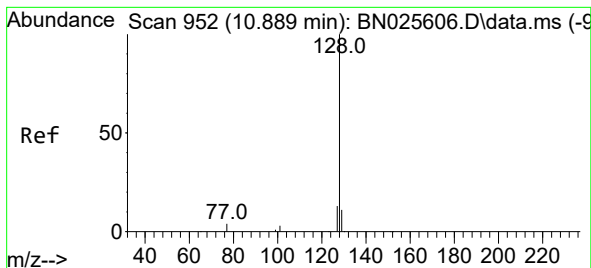
Tgt Ion:	136	Resp:	17533
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	9.3	5.4	8.0#
68	7.1	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.249 ng
RT: 9.191 min Scan# 793
Delta R.T. 0.000 min
Lab File: BN025658.D
Acq: 27 May 2023 22:58

Tgt Ion:	82	Resp:	3654
Ion Ratio	Lower	Upper	
82	100		
128	40.0	32.5	48.7
54	55.8	40.6	60.8





#9

Naphthalene

Concen: 0.035 ng

RT: 10.889 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN025658.D

Acq: 27 May 2023 22:58

Instrument :

BNA_N

ClientSampleId :

TT172S1-20230523

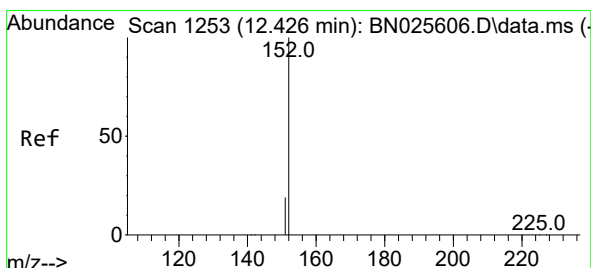
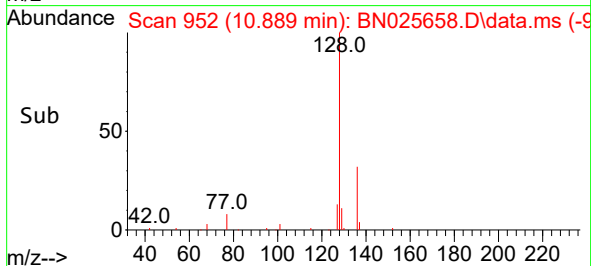
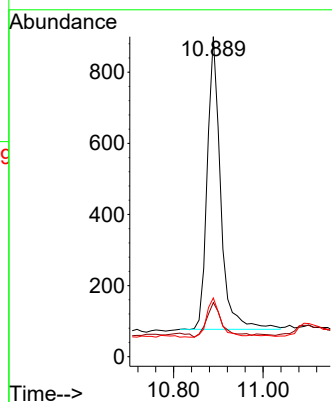
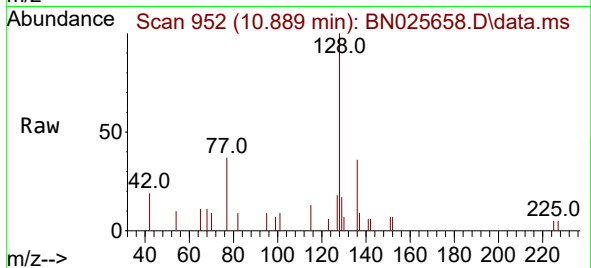
Tgt Ion:128 Resp: 1699

Ion Ratio Lower Upper

128 100

129 16.9 9.3 13.9#

127 18.3 11.0 16.6#



#11

2-Methylnaphthalene-d10

Concen: 0.288 ng

RT: 12.419 min Scan# 1251

Delta R.T. -0.004 min

Lab File: BN025658.D

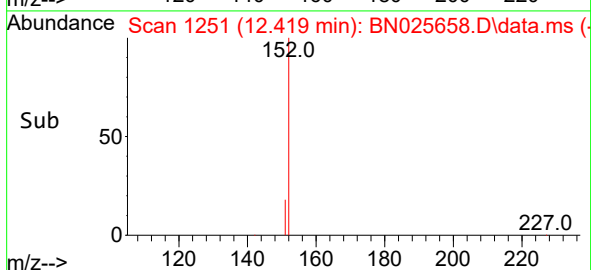
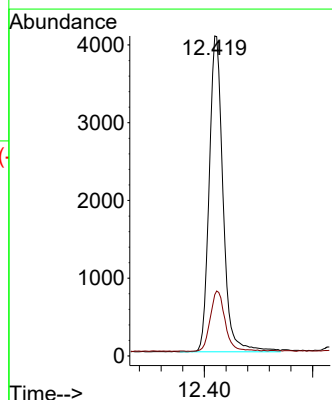
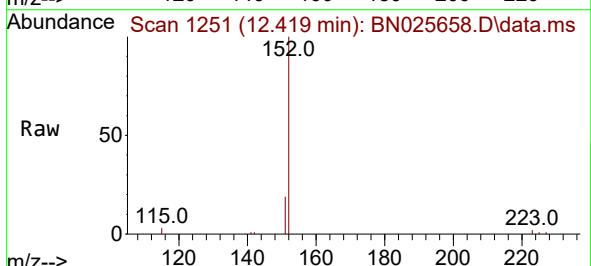
Acq: 27 May 2023 22:58

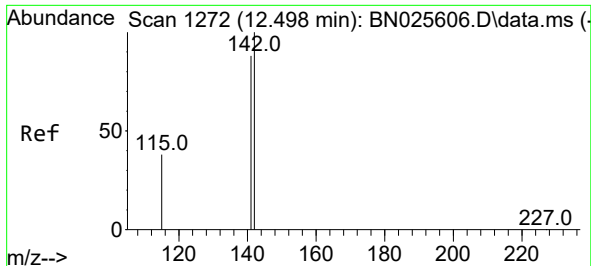
Tgt Ion:152 Resp: 7202

Ion Ratio Lower Upper

152 100

151 20.5 16.1 24.1

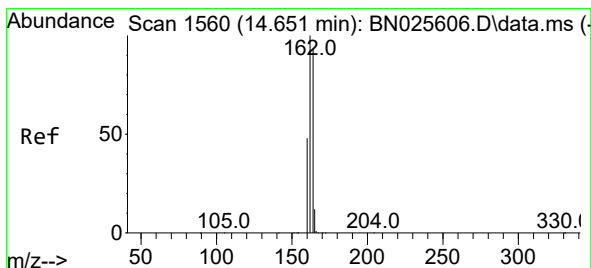
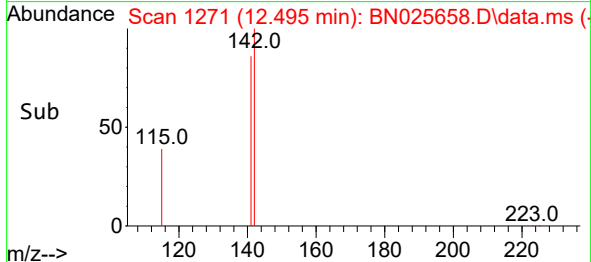
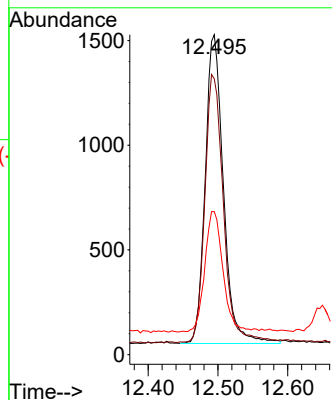
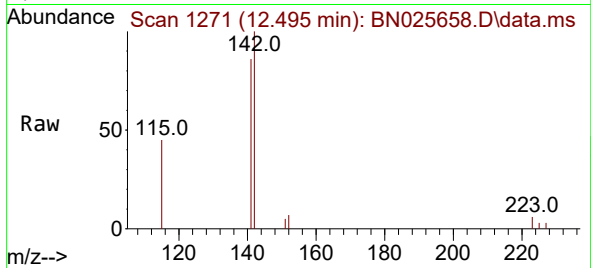




#12
2-Methylnaphthalene
Concen: 0.081 ng
RT: 12.495 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025658.D
Acq: 27 May 2023 22:58

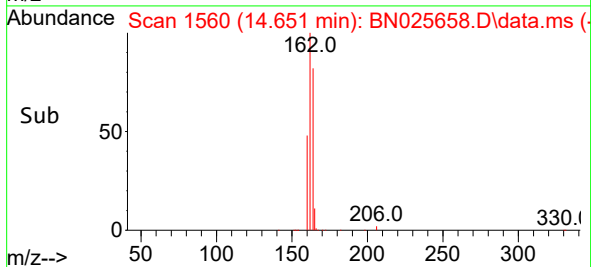
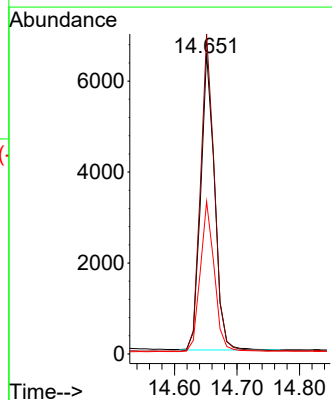
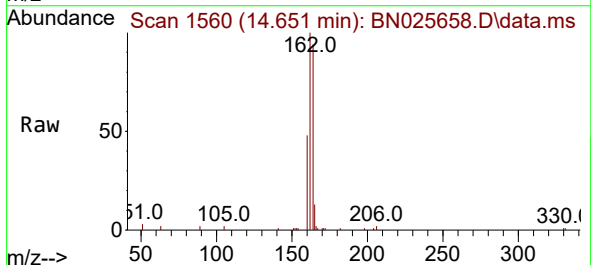
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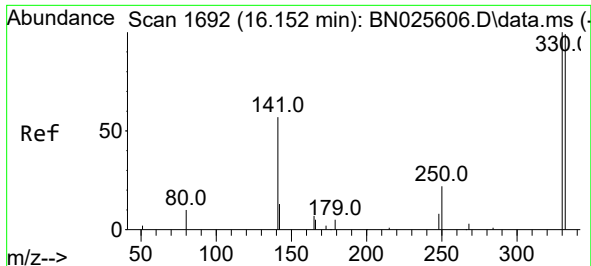
Tgt Ion:142 Resp: 2677
Ion Ratio Lower Upper
142 100
141 86.2 70.7 106.1
115 44.7 31.5 47.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BN025658.D
Acq: 27 May 2023 22:58

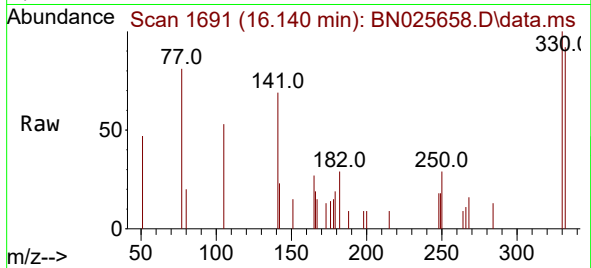
Tgt Ion:164 Resp: 10091
Ion Ratio Lower Upper
164 100
162 106.3 86.4 129.6
160 50.7 41.9 62.9



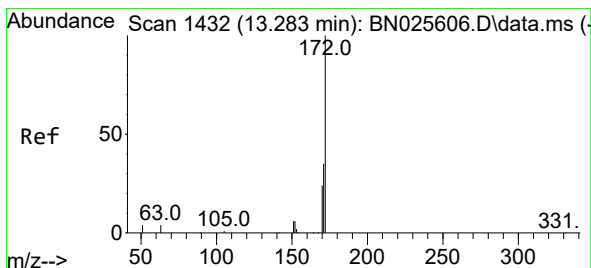
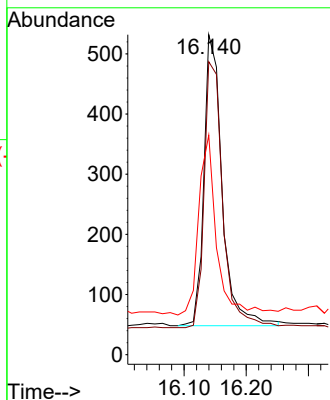
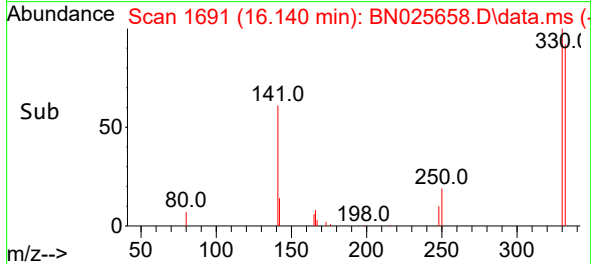


#14
2,4,6-Tribromophenol
Concen: 0.486 ng
RT: 16.140 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN025658.D
Acq: 27 May 2023 22:58

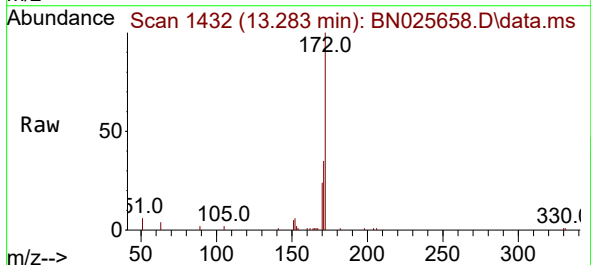
Instrument :
BNA_N
ClientSampleId :
TT172S1-20230523



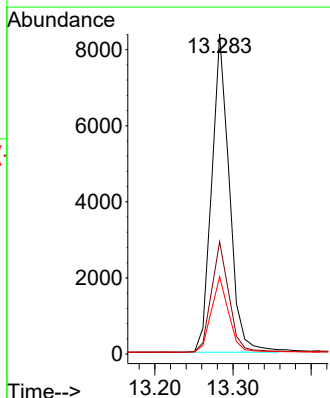
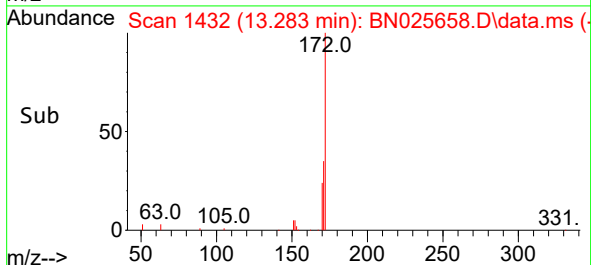
Tgt Ion:330 Resp: 991
Ion Ratio Lower Upper
330 100
332 93.0 80.0 120.0
141 60.7 45.8 68.6

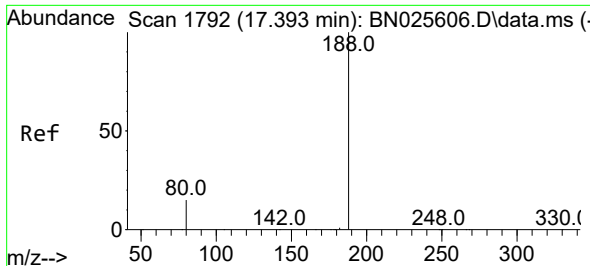


#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 13.283 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BN025658.D
Acq: 27 May 2023 22:58



Tgt Ion:172 Resp: 13083
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 24.2 19.7 29.5

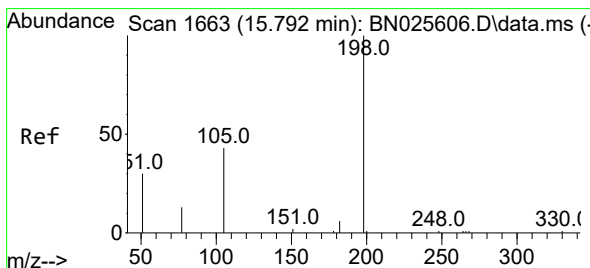
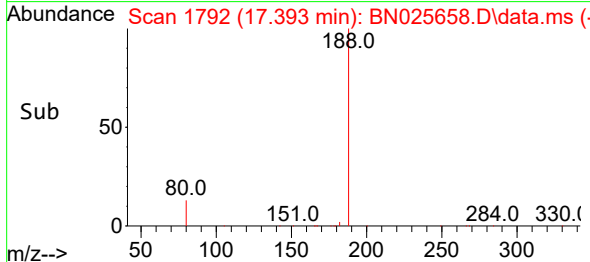
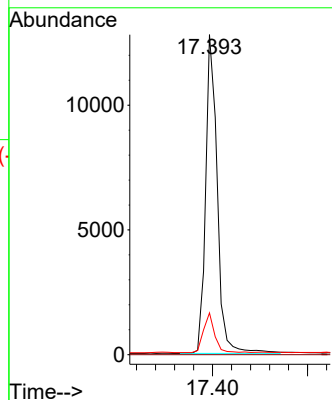
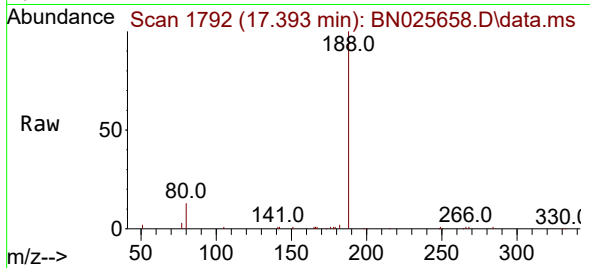




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BN025658.D
Acq: 27 May 2023 22:58

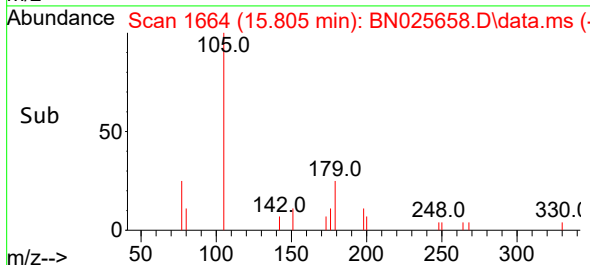
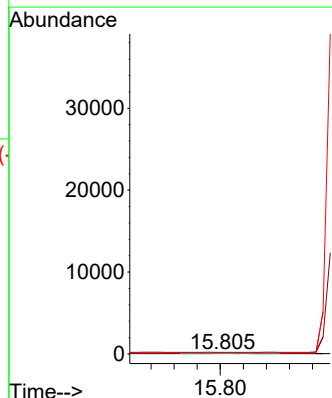
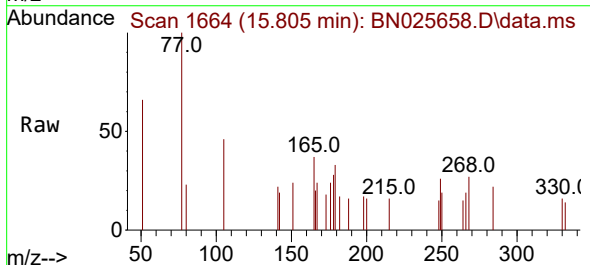
Instrument :
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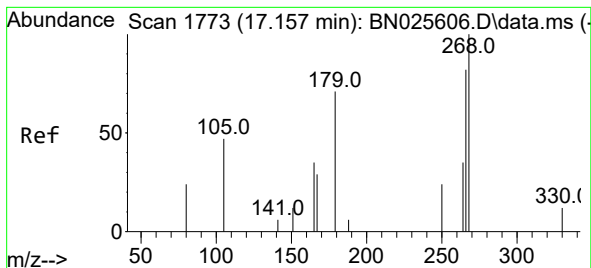
Tgt Ion:188 Resp: 21838
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 12.2 18.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.121 ng
RT: 15.805 min Scan# 1664
Delta R.T. 0.012 min
Lab File: BN025658.D
Acq: 27 May 2023 22:58

Tgt Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
51 384.6 110.8 166.2#
105 269.2 61.9 92.9#





#24

Pentachlorophenol

Concen: 0.384 ng

RT: 17.071 min Scan# 1766

Delta R.T. 0.000 min

Lab File: BN025658.D

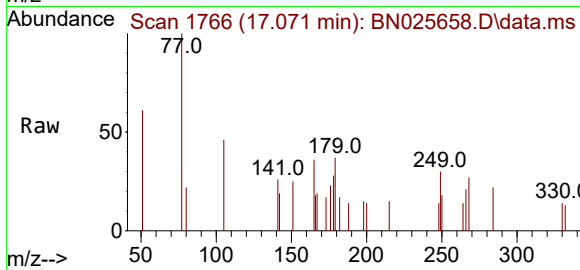
Acq: 27 May 2023 22:58

Instrument :

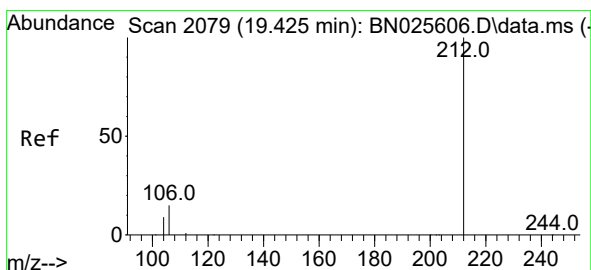
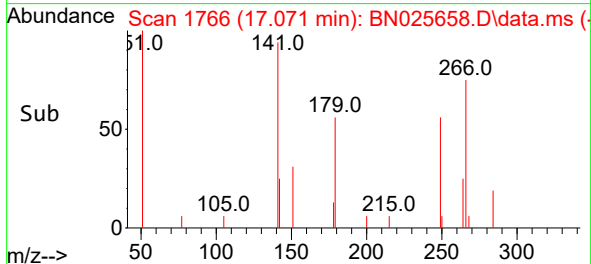
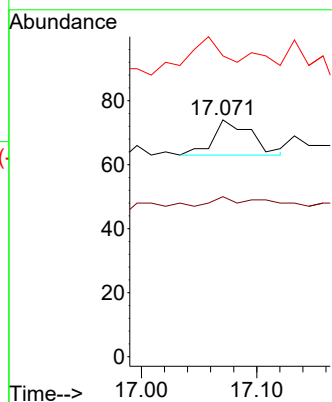
BNA_N

ClientSampleId :

TT172S1-20230523



Tgt Ion:	266	Resp:	25
Ion Ratio	Lower	Upper	
266	100		
264	32.0	60.0	90.0#
268	112.0	0.0	0.0#



#27

Fluoranthene-d10

Concen: 0.355 ng

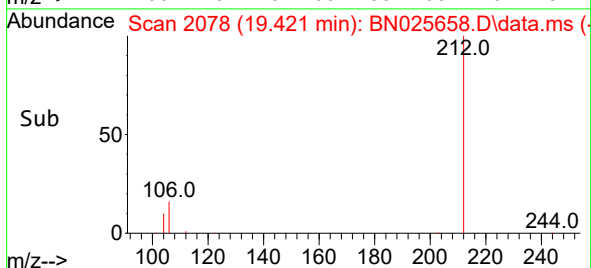
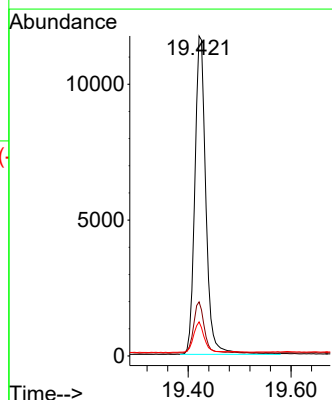
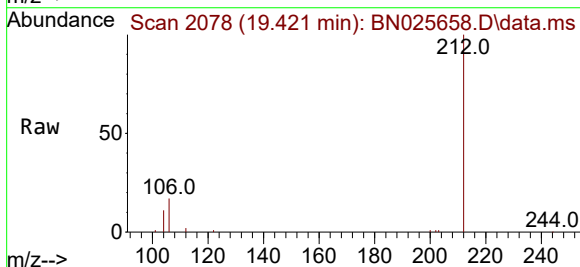
RT: 19.421 min Scan# 2078

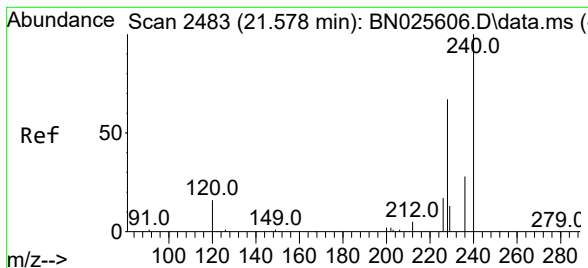
Delta R.T. 0.000 min

Lab File: BN025658.D

Acq: 27 May 2023 22:58

Tgt Ion:	212	Resp:	17577
Ion Ratio	Lower	Upper	
212	100		
106	15.9	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: BN025658.D

Acq: 27 May 2023 22:58

Instrument :

BNA_N

ClientSampleId :

TT172S1-20230523

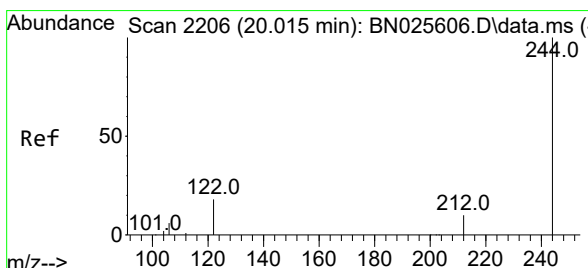
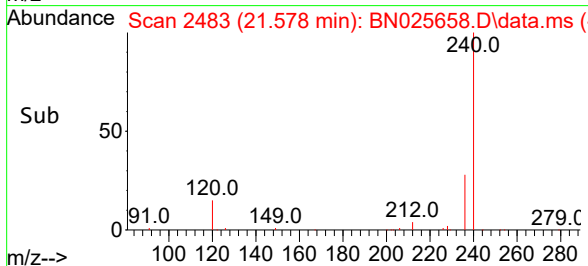
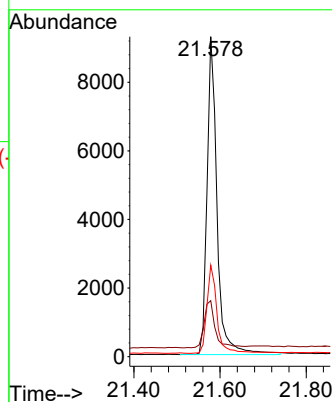
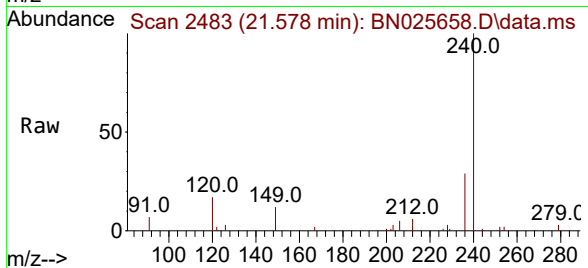
Tgt Ion:240 Resp: 15005

Ion Ratio Lower Upper

240 100

120 17.5 15.4 23.0

236 28.6 23.2 34.8



#31

Terphenyl-d14

Concen: 0.440 ng

RT: 20.011 min Scan# 2205

Delta R.T. -0.005 min

Lab File: BN025658.D

Acq: 27 May 2023 22:58

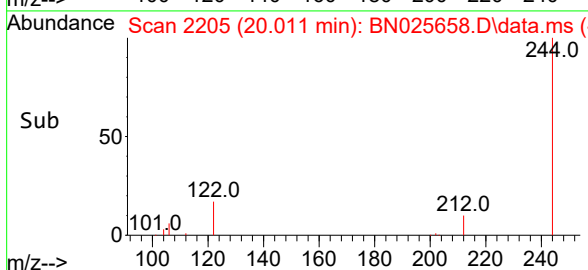
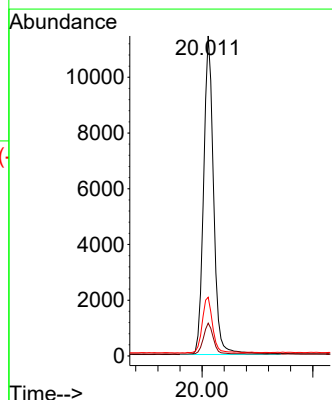
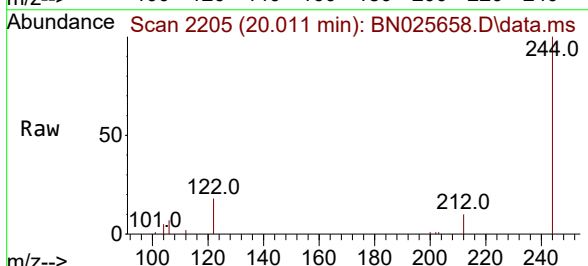
Tgt Ion:244 Resp: 14446

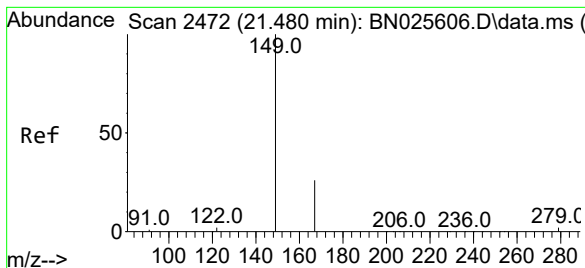
Ion Ratio Lower Upper

244 100

212 10.3 8.5 12.7

122 18.3 14.9 22.3

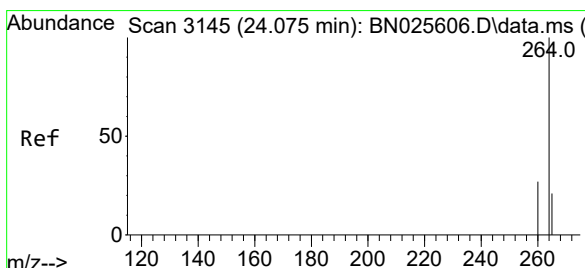
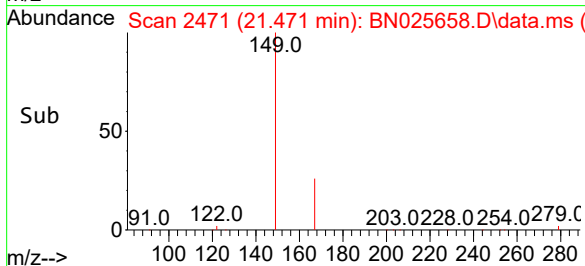
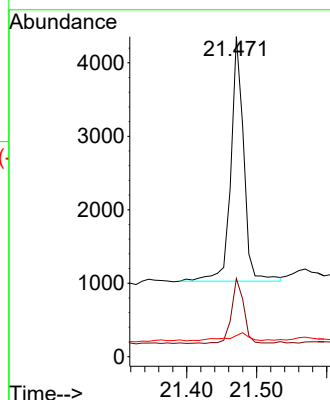
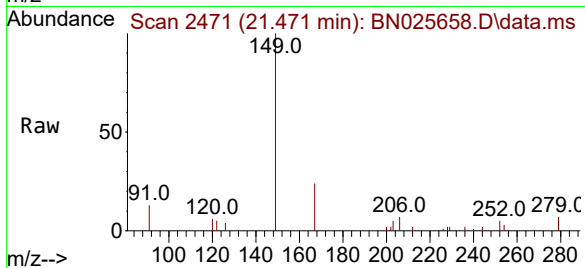




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.125 ng
 RT: 21.471 min Scan# 2471
 Delta R.T. 0.000 min
 Lab File: BN025658.D
 Acq: 27 May 2023 22:58

Instrument :
 BNA_N
 ClientSampleId :
 TT172S1-20230523

Tgt Ion:149 Resp: 4252
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.4 30.6
 279 5.2 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: BN025658.D
 Acq: 27 May 2023 22:58

Tgt Ion:264 Resp: 13245
 Ion Ratio Lower Upper
 264 100
 260 26.8 22.3 33.5
 265 54.1 54.3 81.5#

