

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
 Data File : BN025653.D
 Acq On : 27 May 2023 20:00
 Operator : CG/JU
 Sample : 02880-19
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20230519

Quant Time: May 29 00:54:41 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)

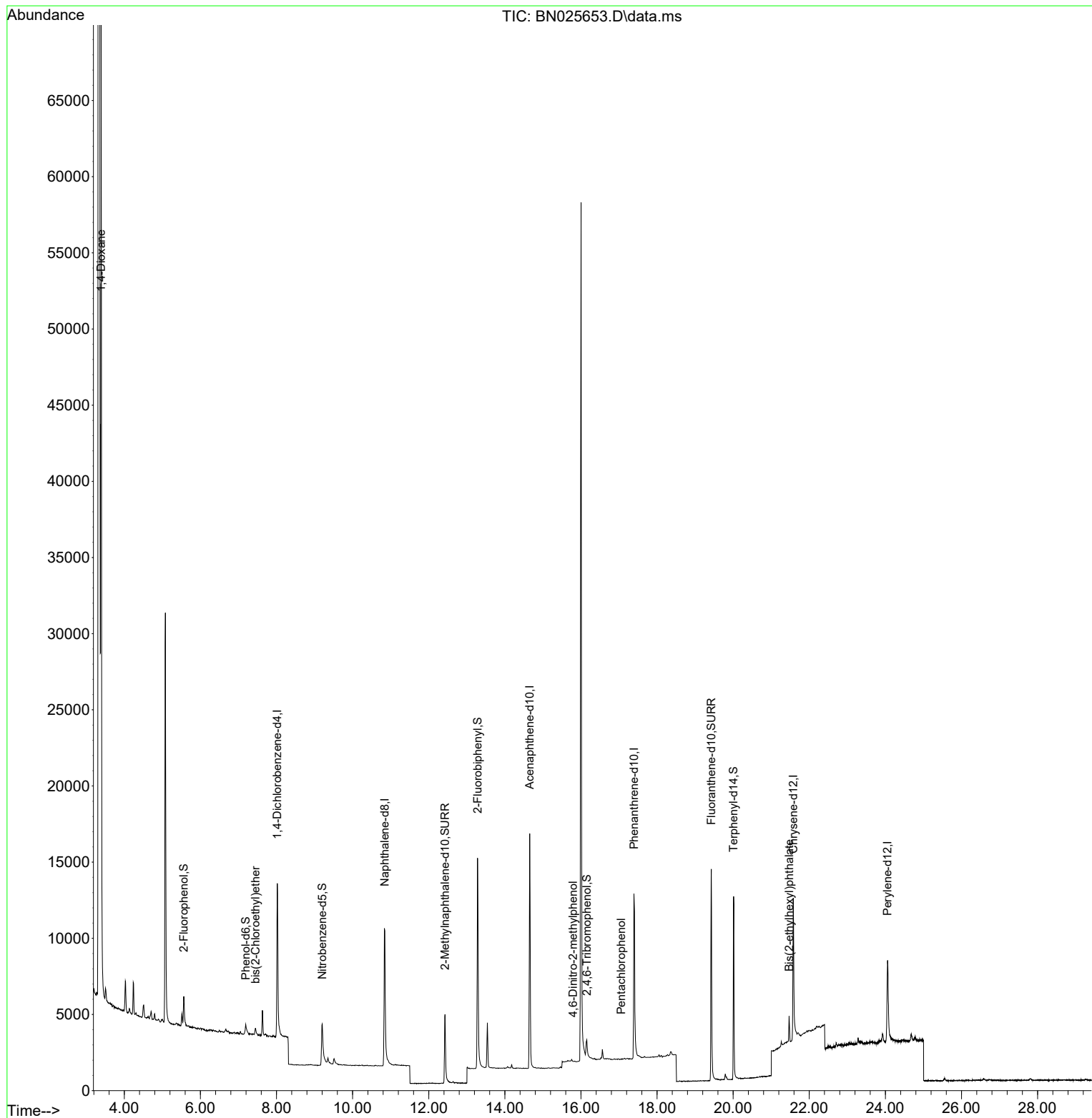
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	5946	0.400	ng	0.00
7) Naphthalene-d8	10.846	136	16211	0.400	ng	0.01
13) Acenaphthene-d10	14.651	164	9450	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	19329	0.400	ng	0.00
29) Chrysene-d12	21.578	240	11061	0.400	ng	0.00
35) Perylene-d12	24.057	264	9890	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	2069	0.136	ng	0.00
5) Phenol-d6	7.189	99	1120	0.061	ng	0.01
8) Nitrobenzene-d5	9.202	82	4152	0.306	ng	0.01
11) 2-Methylnaphthalene-d10	12.426	152	8247	0.357	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	847	0.443	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	13973	0.358	ng	0.00
27) Fluoranthene-d10	19.425	212	17364	0.397	ng	0.00
31) Terphenyl-d14	20.011	244	12347	0.510	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	35576	5.167	ng	98
6) bis(2-Chloroethyl)ether	7.449	93	539	0.029	ng	93
20) 4,6-Dinitro-2-methylph...	15.792	198	3	0.114	ng	# 1
24) Pentachlorophenol	17.058	266	26	0.387	ng	# 12
34) Bis(2-ethylhexyl)phtha...	21.471	149	1814	0.072	ng	98

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

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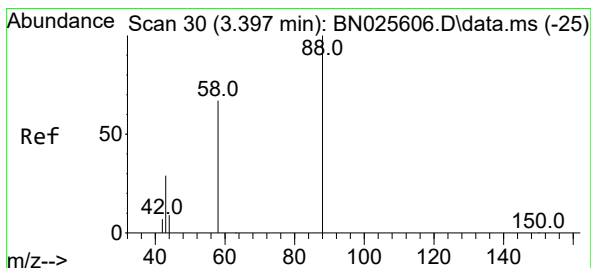
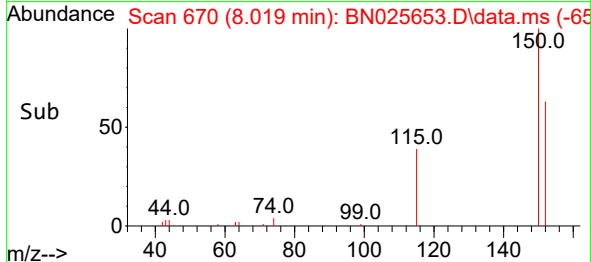
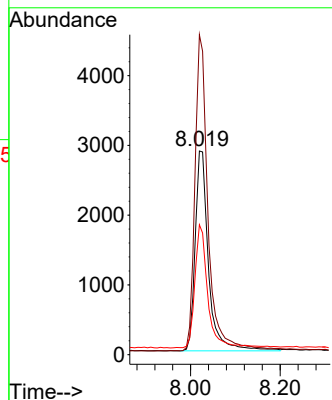
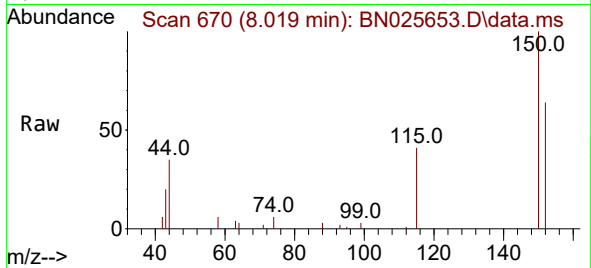




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.019 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN025653.D
 Acq: 27 May 2023 20:00

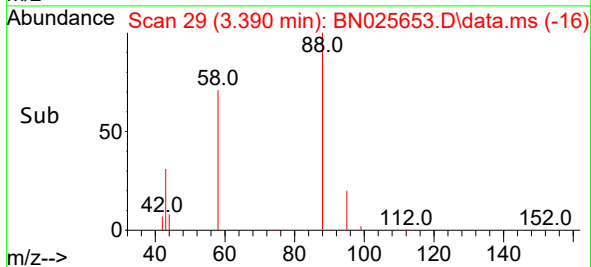
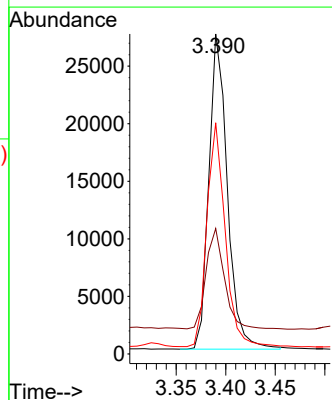
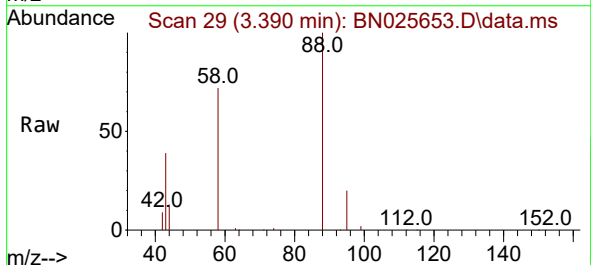
Instrument :
 BNA_N
 ClientSampleId :
 RE137-20230519

Tgt Ion:152 Resp: 5946
 Ion Ratio Lower Upper
 152 100
 150 157.1 121.0 181.6
 115 63.8 48.5 72.7



#2
 1,4-Dioxane
 Concen: 5.167 ng
 RT: 3.390 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN025653.D
 Acq: 27 May 2023 20:00

Tgt Ion: 88 Resp: 35576
 Ion Ratio Lower Upper
 88 100
 43 31.4 26.5 39.7
 58 69.8 56.8 85.2

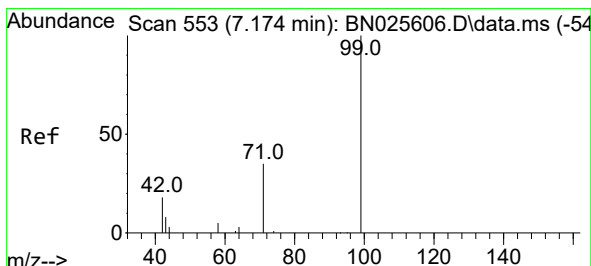
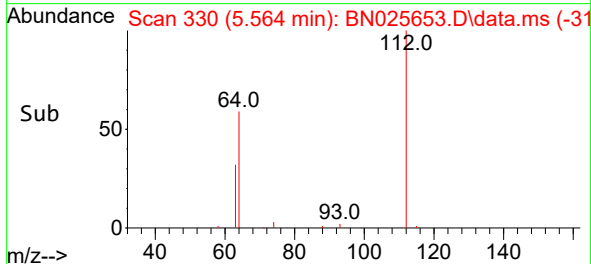
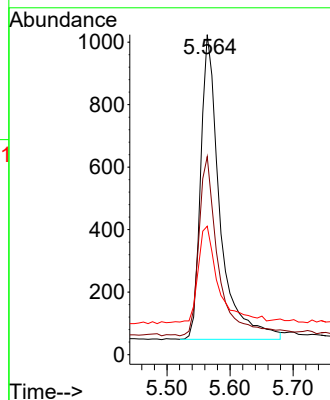
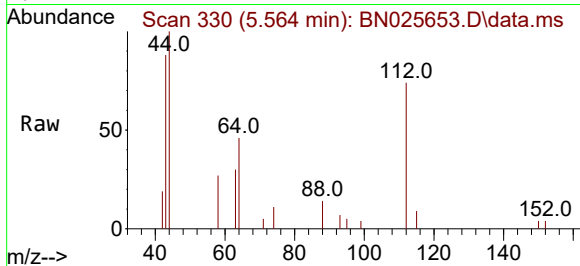




#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.564 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

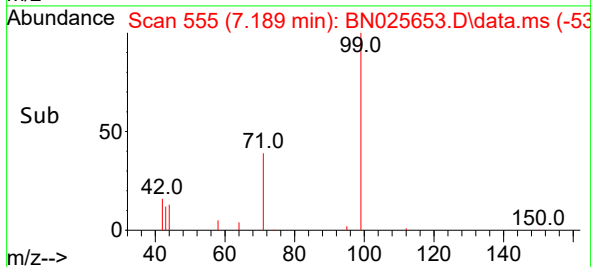
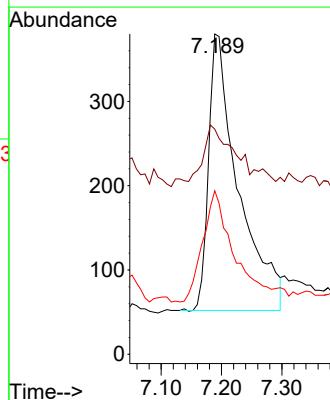
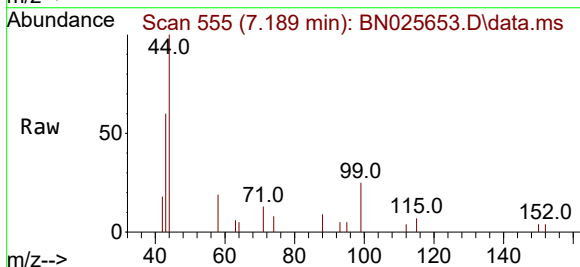
Instrument :
BNA_N
ClientSampleId :
RE137-20230519

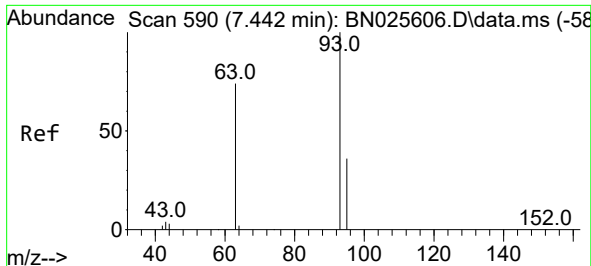
Tgt Ion:112 Resp: 2069
Ion Ratio Lower Upper
112 100
64 59.0 45.7 68.5
63 34.8 26.2 39.2



#5
Phenol-d6
Concen: 0.061 ng
RT: 7.189 min Scan# 555
Delta R.T. 0.014 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

Tgt Ion: 99 Resp: 1120
Ion Ratio Lower Upper
99 100
42 20.6 17.1 25.7
71 42.5 29.3 43.9

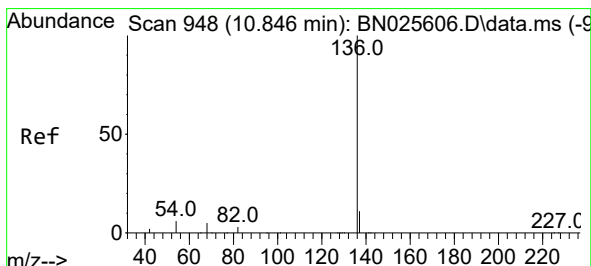
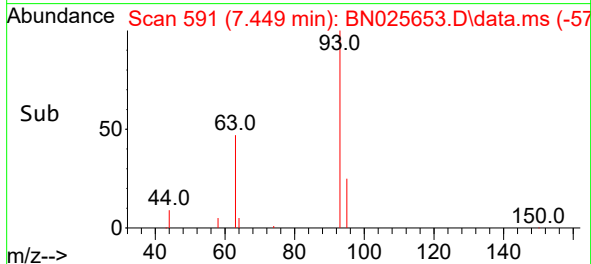
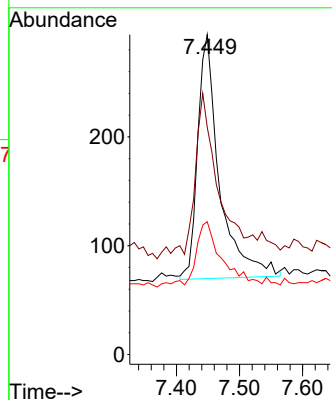
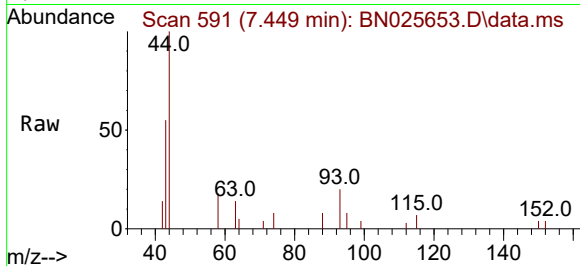




#6
bis(2-Chloroethyl)ether
Concen: 0.029 ng
RT: 7.449 min Scan# 591
Delta R.T. 0.014 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

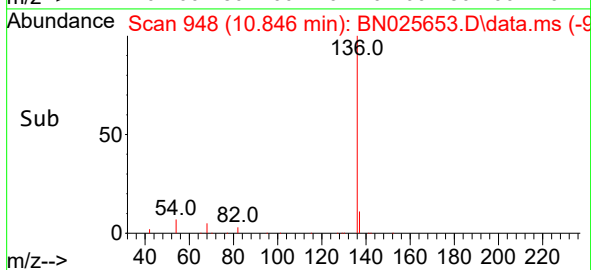
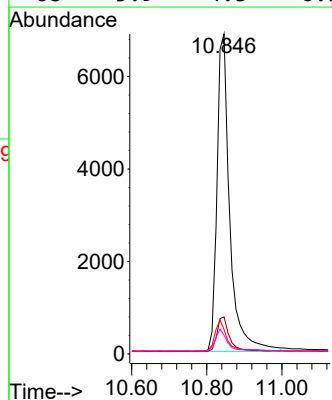
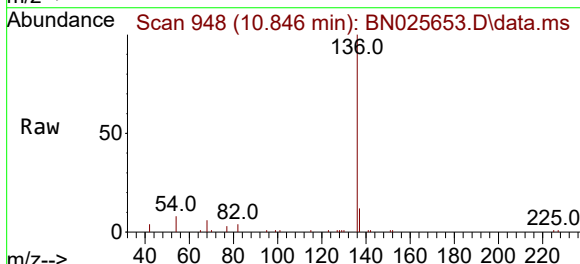
Instrument :
BNA_N
ClientSampleId :
RE137-20230519

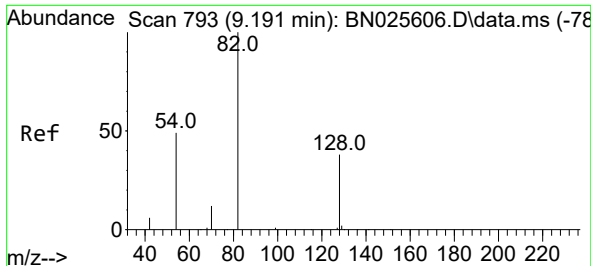
Tgt Ion: 93 Resp: 539
Ion Ratio Lower Upper
93 100
63 66.2 49.1 73.7
95 33.2 22.6 33.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.846 min Scan# 948
Delta R.T. 0.011 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

Tgt Ion: 136 Resp: 16211
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 7.6 5.4 8.0
68 5.9 4.3 6.5

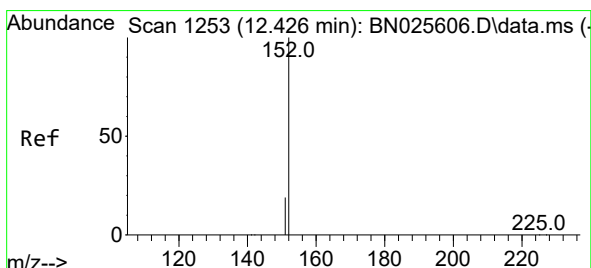
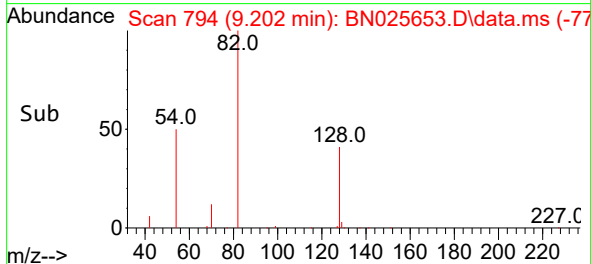
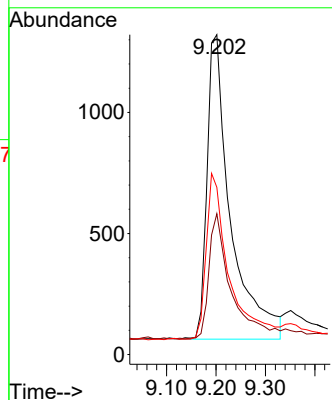
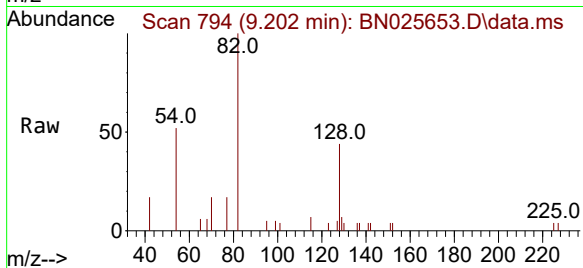




#8
 Nitrobenzene-d5
 Concen: 0.306 ng
 RT: 9.202 min Scan# 794
 Delta R.T. 0.011 min
 Lab File: BN025653.D
 Acq: 27 May 2023 20:00

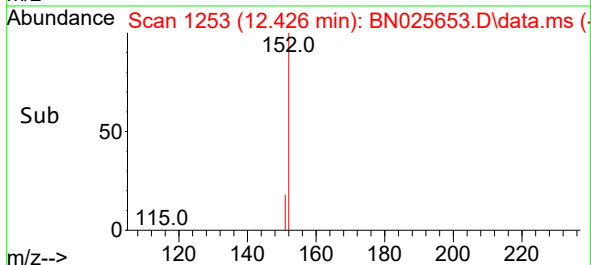
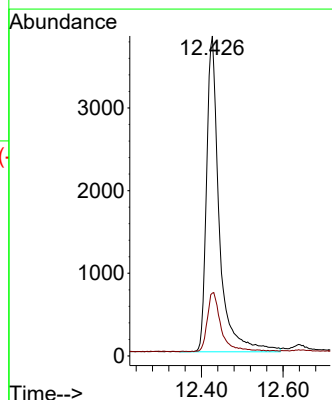
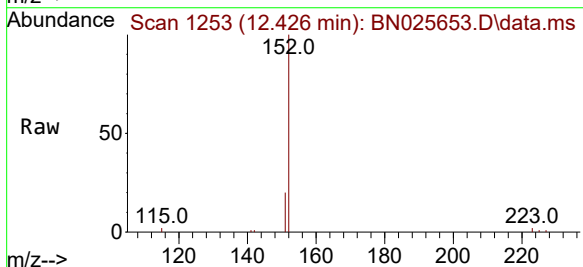
Instrument :
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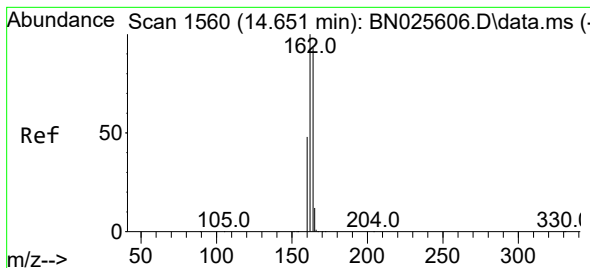
Tgt Ion: 82 Resp: 4152
 Ion Ratio Lower Upper
 82 100
 128 44.1 32.5 48.7
 54 52.3 40.6 60.8



#11
 2-Methylnaphthalene-d10
 Concen: 0.357 ng
 RT: 12.426 min Scan# 1253
 Delta R.T. 0.004 min
 Lab File: BN025653.D
 Acq: 27 May 2023 20:00

Tgt Ion: 152 Resp: 8247
 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: BN025653.D

Acq: 27 May 2023 20:00

Instrument :

BNA_N

ClientSampleId :

RE137-20230519

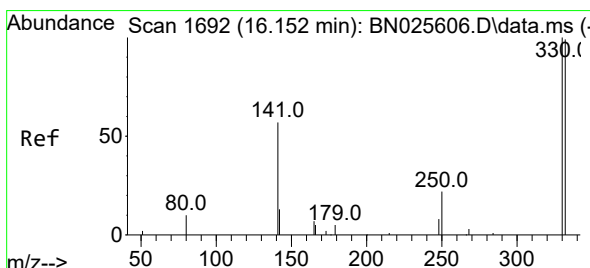
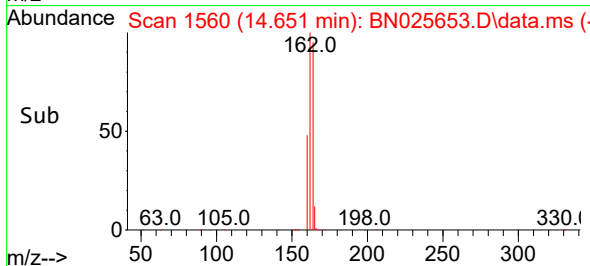
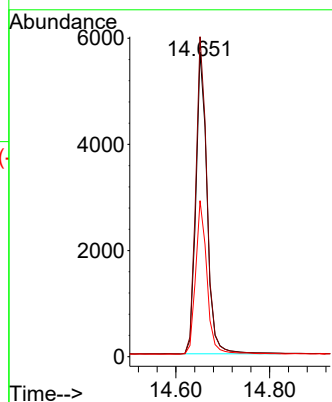
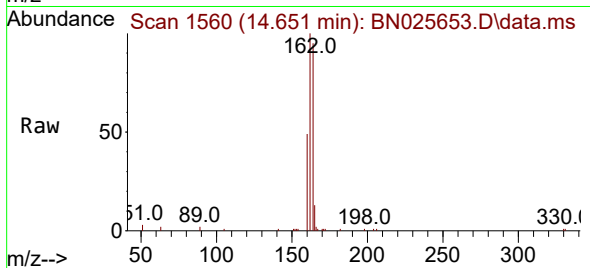
Tgt Ion:164 Resp: 9450

Ion Ratio Lower Upper

164 100

162 105.1 86.4 129.6

160 51.2 41.9 62.9



#14

2,4,6-Tribromophenol

Concen: 0.443 ng

RT: 16.152 min Scan# 1692

Delta R.T. -0.000 min

Lab File: BN025653.D

Acq: 27 May 2023 20:00

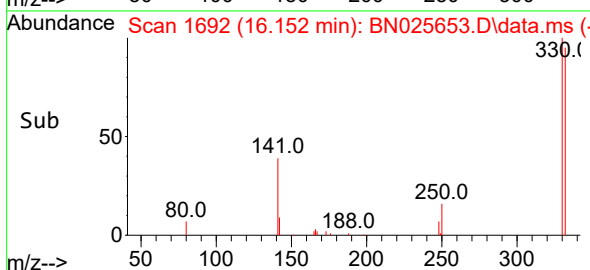
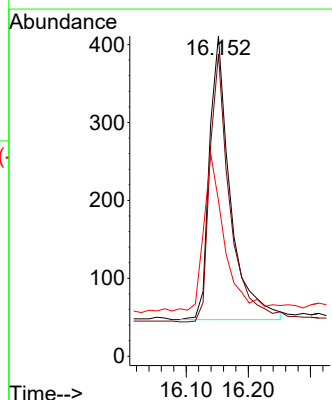
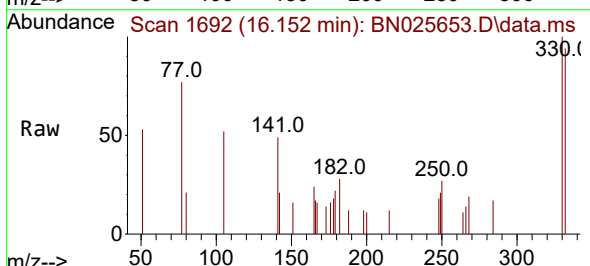
Tgt Ion:330 Resp: 847

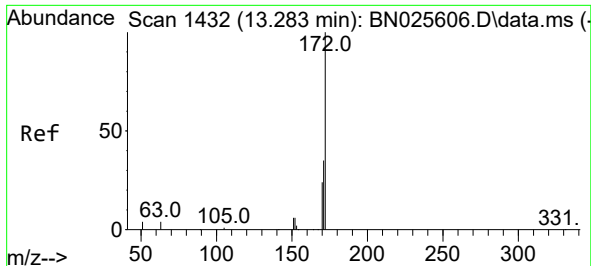
Ion Ratio Lower Upper

330 100

332 90.8 80.0 120.0

141 55.8 45.8 68.6

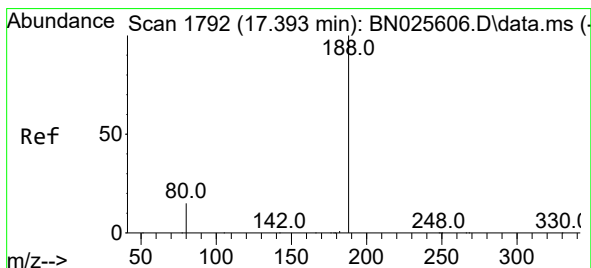
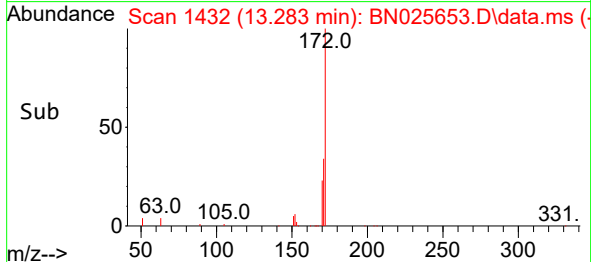
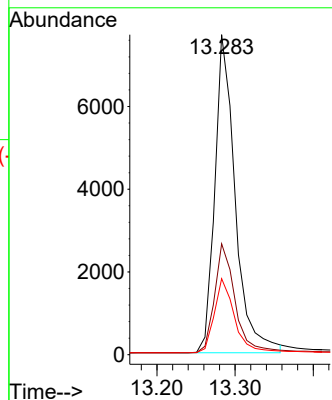
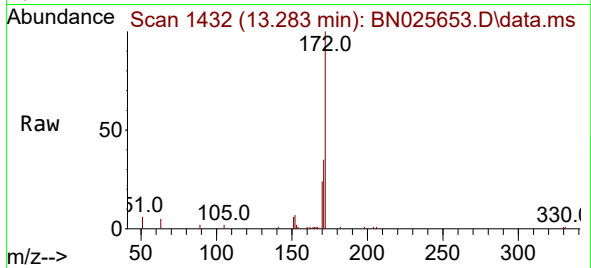




#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

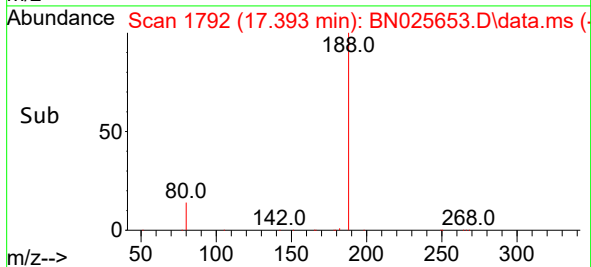
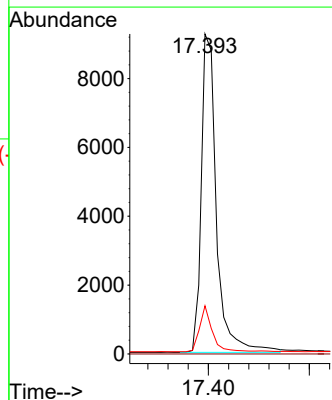
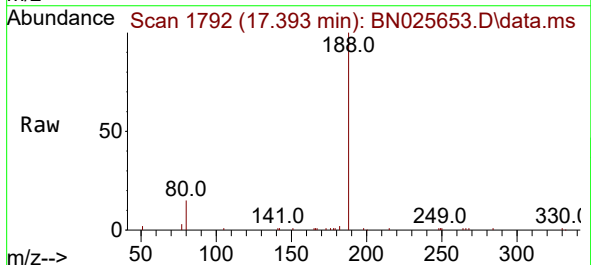
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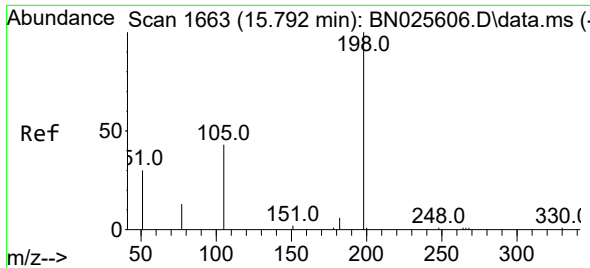
Tgt Ion:172 Resp: 13973
Ion Ratio Lower Upper
172 100
171 34.6 28.6 42.8
170 23.8 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

Tgt Ion:188 Resp: 19329
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.0 12.2 18.2

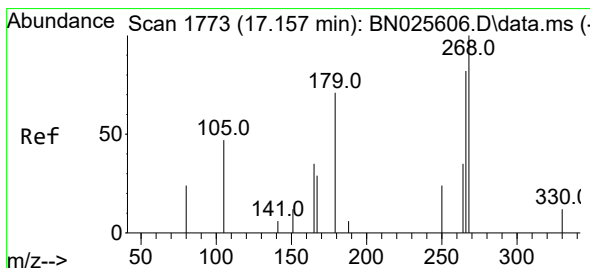
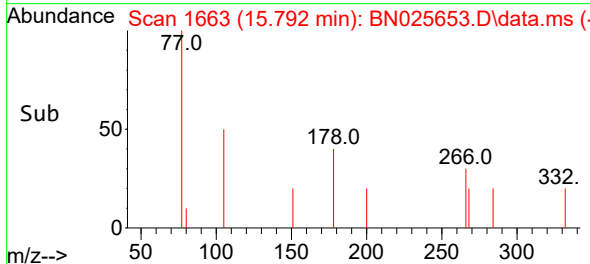
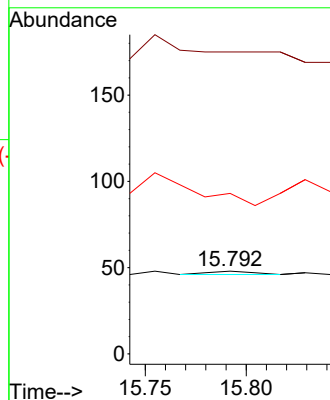
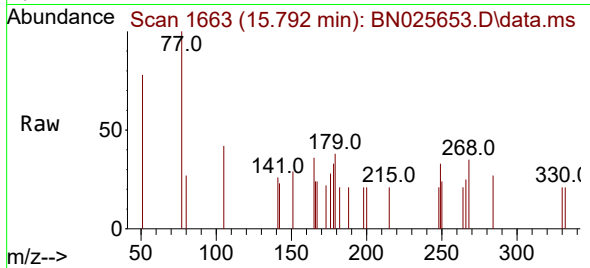




#20
4,6-Dinitro-2-methylphenol
Concen: 0.114 ng
RT: 15.792 min Scan# 1765
Delta R.T. -0.000 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

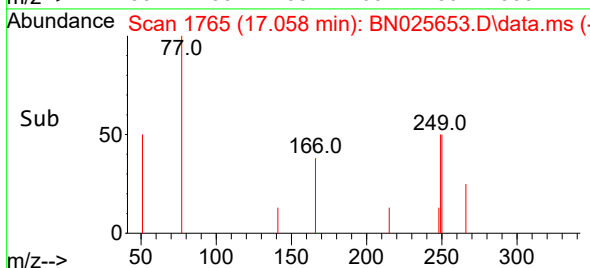
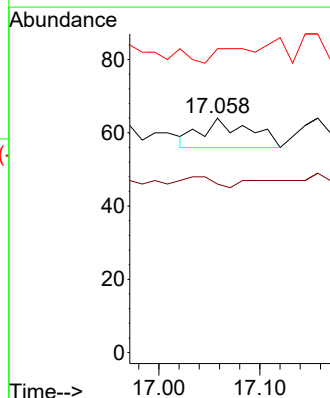
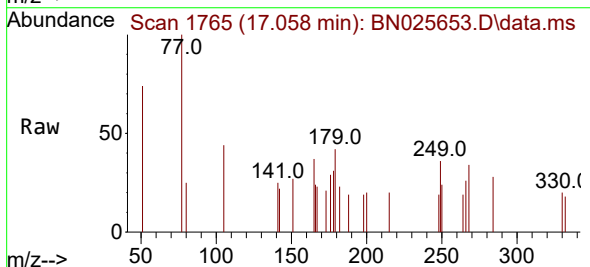
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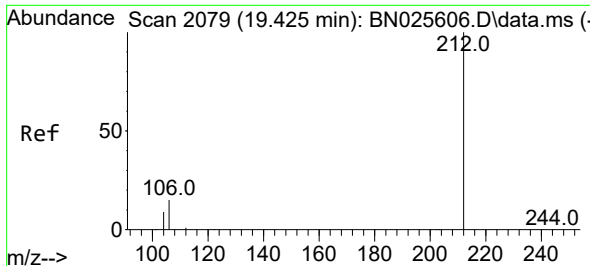
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 364.6 110.8 166.2#
105 193.8 61.9 92.9#



#24
Pentachlorophenol
Concen: 0.387 ng
RT: 17.058 min Scan# 1765
Delta R.T. -0.013 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

Tgt Ion:266 Resp: 26
Ion Ratio Lower Upper
266 100
264 0.0 60.0 90.0#
268 42.3 0.0 0.0#

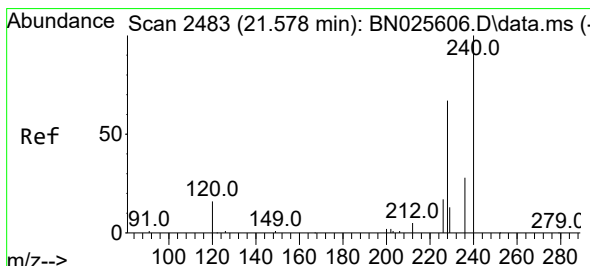
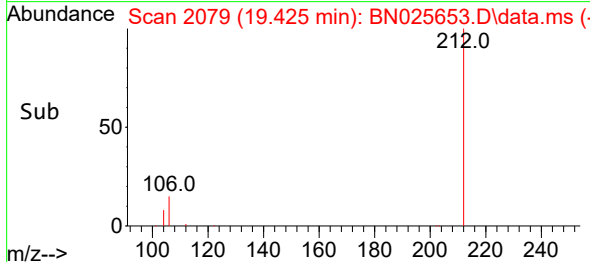
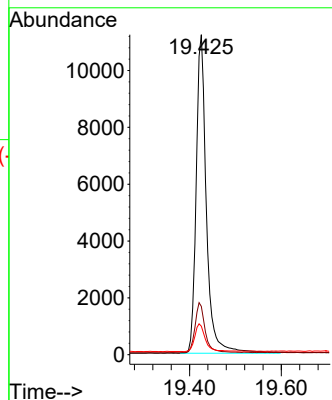
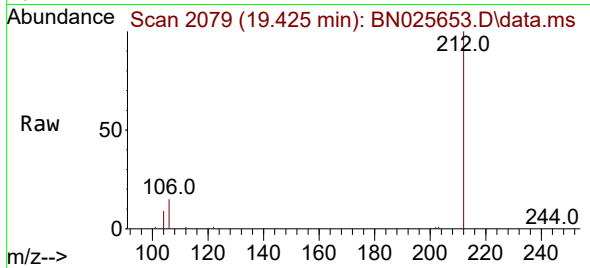




#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.425 min Scan# 2079
Delta R.T. 0.005 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

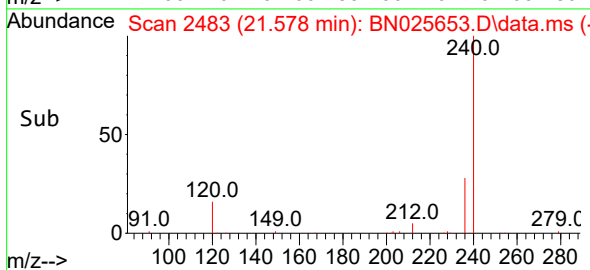
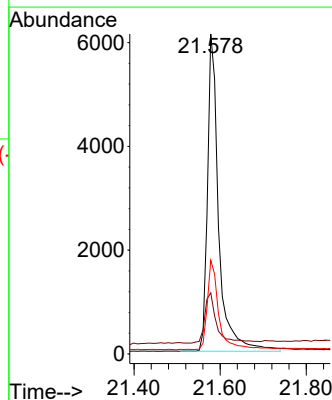
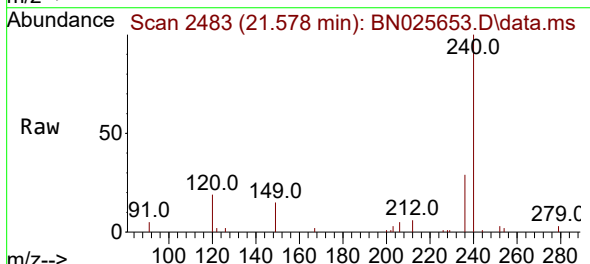
Instrument :
BNA_N
ClientSampleId :
RE137-20230519

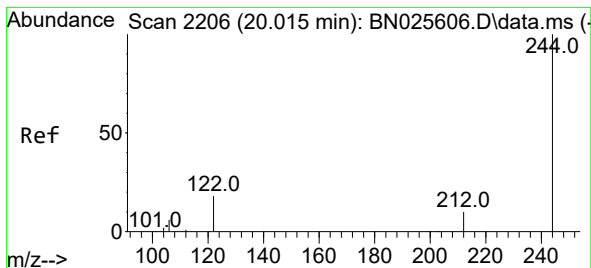
Tgt Ion:212 Resp: 17364
Ion Ratio Lower Upper
212 100
106 15.6 12.3 18.5
104 9.2 7.2 10.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BN025653.D
Acq: 27 May 2023 20:00

Tgt Ion:240 Resp: 11061
Ion Ratio Lower Upper
240 100
120 19.1 15.4 23.0
236 29.3 23.2 34.8





#31

Terphenyl-d14

Concen: 0.510 ng

RT: 20.011 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN025653.D

Acq: 27 May 2023 20:00

Instrument :

BNA_N

ClientSampleId :

RE137-20230519

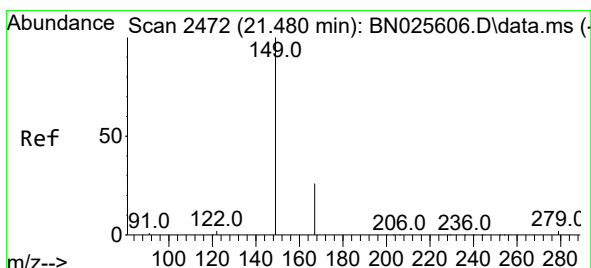
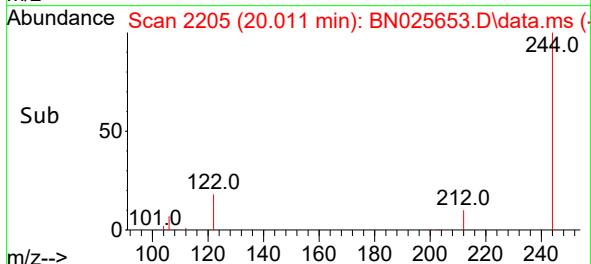
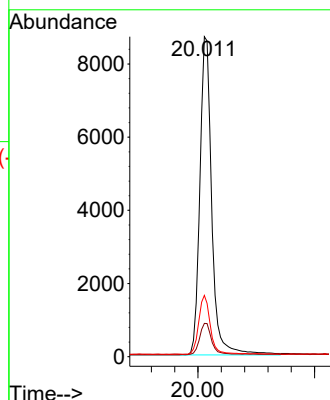
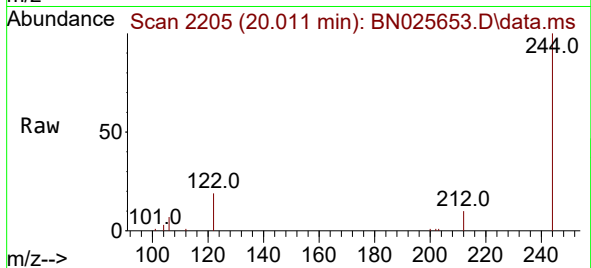
Tgt Ion:244 Resp: 12347

Ion Ratio Lower Upper

244 100

212 10.4 8.5 12.7

122 19.1 14.9 22.3



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.072 ng

RT: 21.471 min Scan# 2471

Delta R.T. -0.000 min

Lab File: BN025653.D

Acq: 27 May 2023 20:00

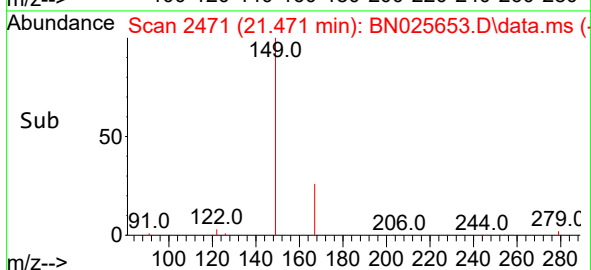
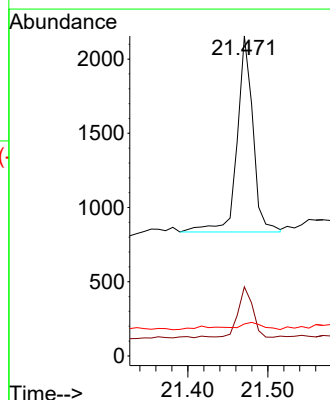
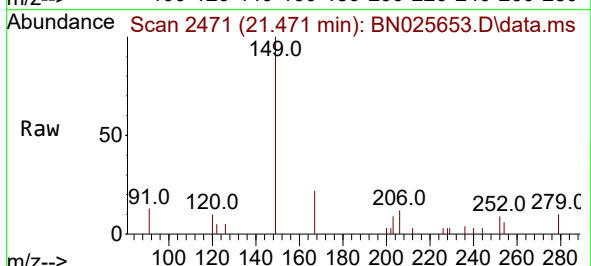
Tgt Ion:149 Resp: 1814

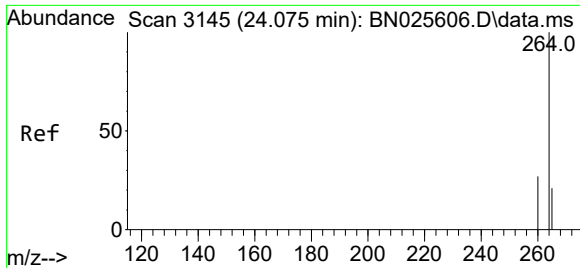
Ion Ratio Lower Upper

149 100

167 24.6 20.4 30.6

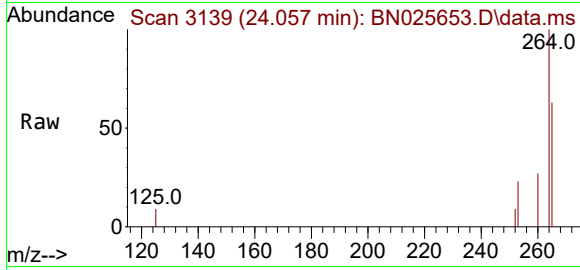
279 4.6 3.3 4.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.057 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BN025653.D
 Acq: 27 May 2023 20:00

Instrument :
 BNA_N
 ClientSampleId :
 RE137-20230519



Tgt Ion:264 Resp: 9890

Ion	Ratio	Lower	Upper
264	100		
260	27.3	22.3	33.5
265	62.6	54.3	81.5

