

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024322.D
 Acq On : 16 Mar 2023 21:49
 Operator : CG/JU
 Sample : 01843-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20230306

Quant Time: Mar 17 04:44:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 04:37:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

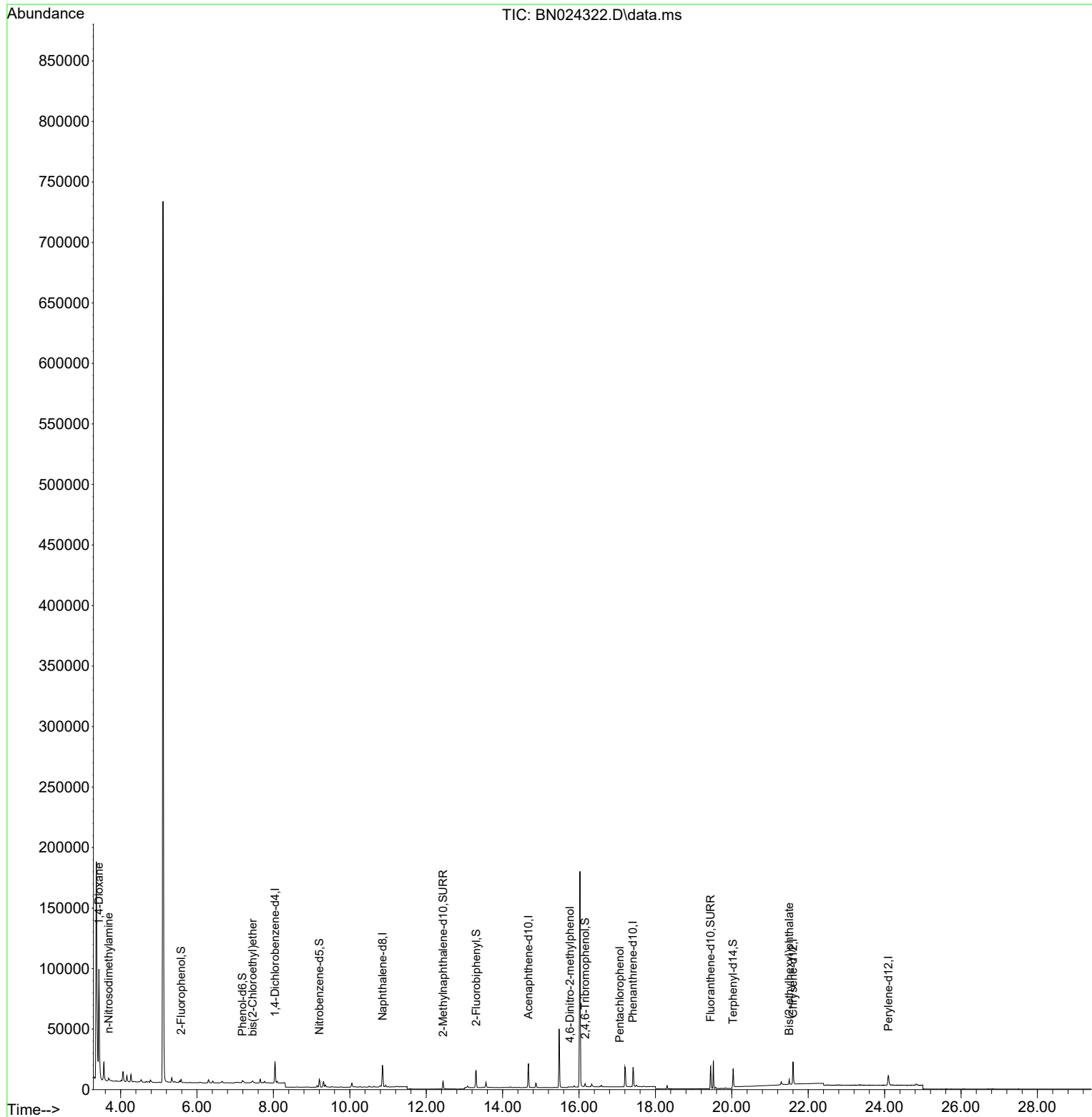
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	7625	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	22172	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	10396	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	21585	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	17121	0.400	ng	# 0.00
35) Perylene-d12	24.100	264	13141	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2001	0.119	ng	0.00
5) Phenol-d6	7.188	99	1523	0.070	ng	0.00
8) Nitrobenzene-d5	9.200	82	5195	0.351	ng	0.00
11) 2-Methylnaphthalene-d10	12.440	152	8307	0.305	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1304	0.245	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	12930	0.329	ng	0.00
27) Fluoranthene-d10	19.446	212	18532	0.405	ng	0.00
31) Terphenyl-d14	20.033	244	11278	0.391	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.432	88	54127	6.524	ng	94
3) n-Nitrosodimethylamine	3.685	42	829	0.068	ng	# 1
6) bis(2-Chloroethyl)ether	7.455	93	899	0.042	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.762	198	10	0.181	ng	# 1
24) Pentachlorophenol	17.065	266	61	0.135	ng	# 48
34) Bis(2-ethylhexyl)phtha...	21.502	149	3821	0.142	ng	99

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

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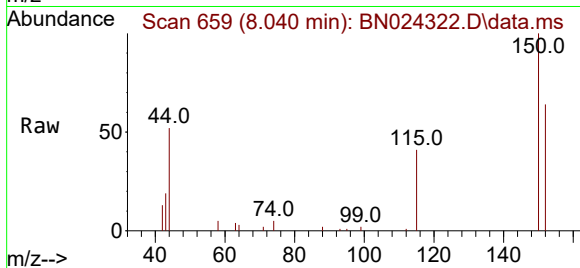
Quant Time: Mar 17 04:44:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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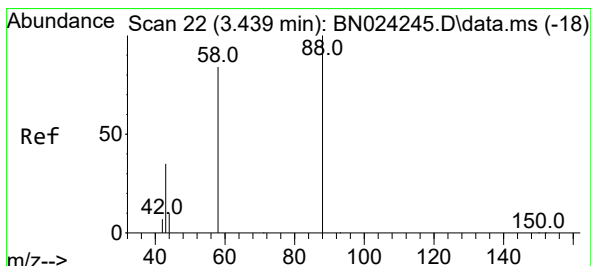
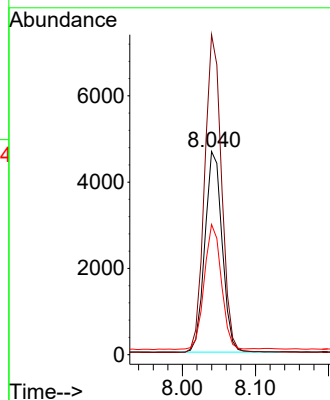
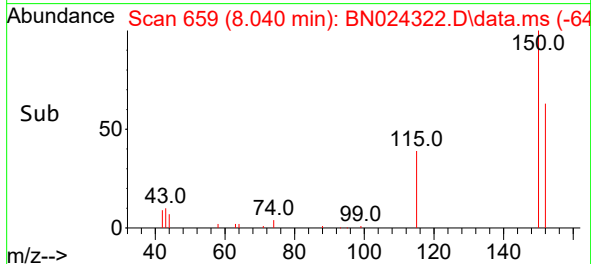


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 6
 Delta R.T. -0.000 min
 Lab File: BN024322.D
 Acq: 16 Mar 2023 21:49

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20230306

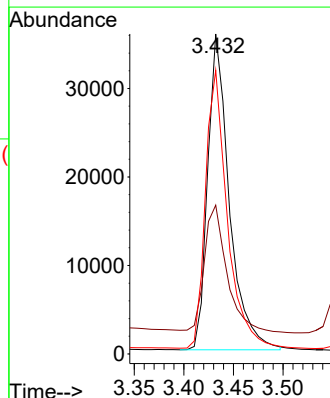
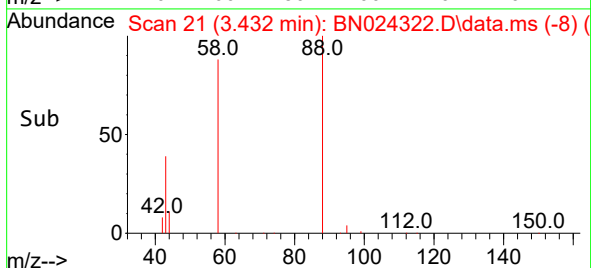
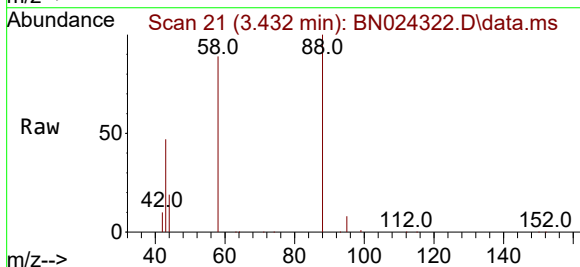


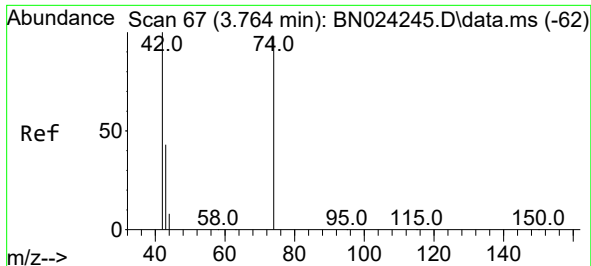
Tgt Ion:152 Resp: 7625
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.7 187.1
 115 64.1 49.1 73.7



#2
 1,4-Dioxane
 Concen: 6.524 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024322.D
 Acq: 16 Mar 2023 21:49

Tgt Ion: 88 Resp: 54127
 Ion Ratio Lower Upper
 88 100
 43 41.7 29.0 43.4
 58 88.6 67.3 100.9

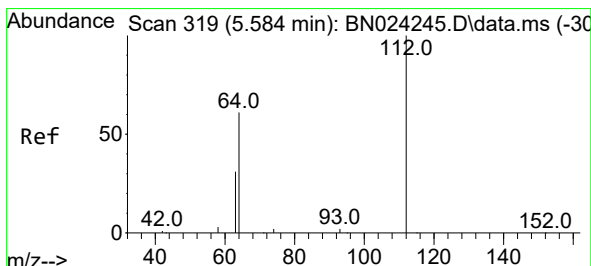
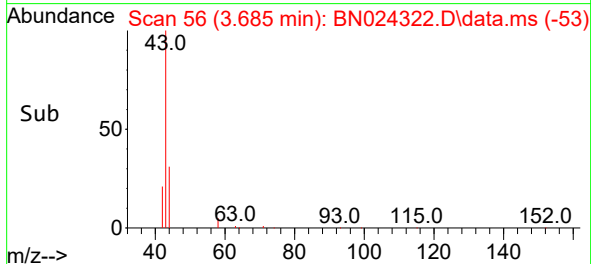
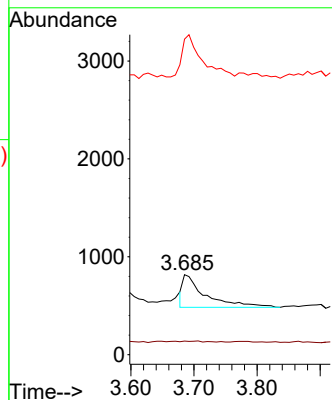
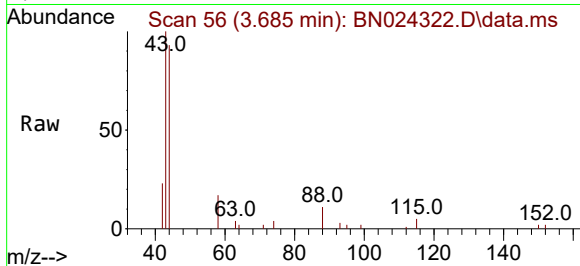




#3
 n-Nitrosodimethylamine
 Concen: 0.068 ng
 RT: 3.685 min Scan# 50
 Delta R.T. -0.079 min
 Lab File: BN024322.D
 Acq: 16 Mar 2023 21:49

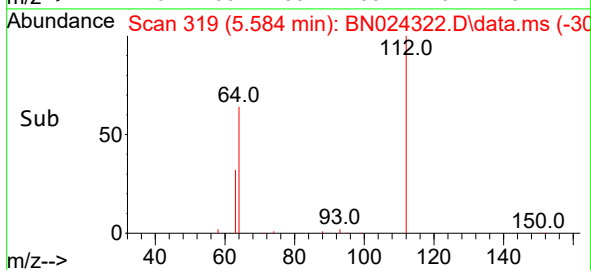
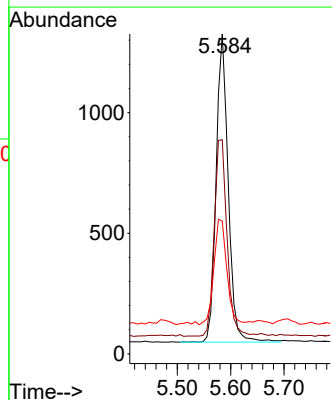
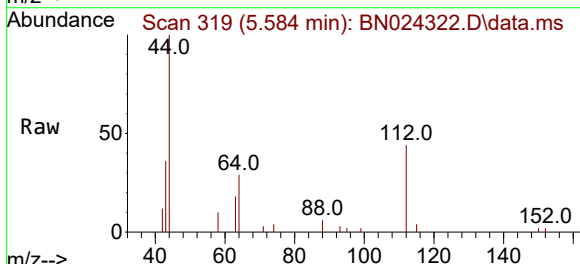
Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20230306

Tgt Ion: 42 Resp: 829
 Ion Ratio Lower Upper
 42 100
 74 0.0 81.6 122.4#
 44 99.2 7.3 10.9#



#4
 2-Fluorophenol
 Concen: 0.119 ng
 RT: 5.584 min Scan# 319
 Delta R.T. 0.007 min
 Lab File: BN024322.D
 Acq: 16 Mar 2023 21:49

Tgt Ion: 112 Resp: 2001
 Ion Ratio Lower Upper
 112 100
 64 67.4 49.0 73.6
 63 37.0 25.7 38.5

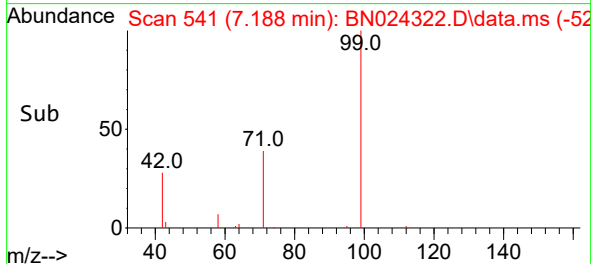
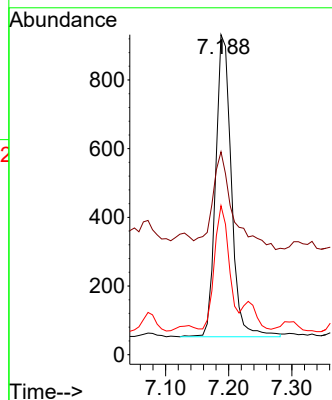
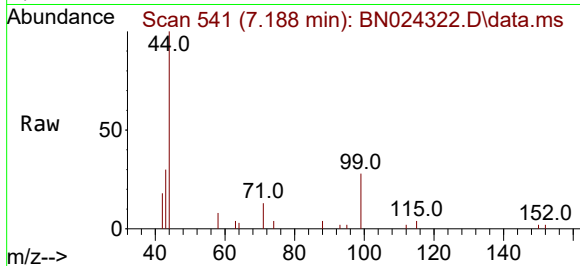




#5
Phenol-d6
Concen: 0.070 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024322.D
Acq: 16 Mar 2023 21:49

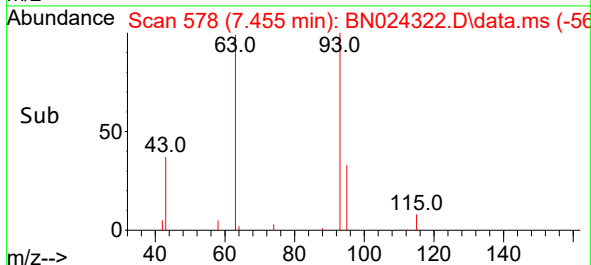
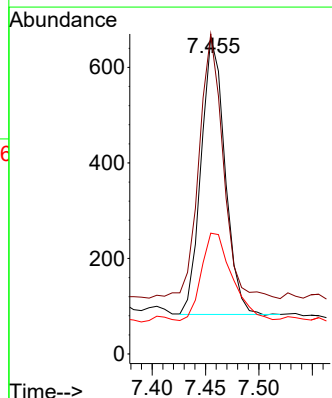
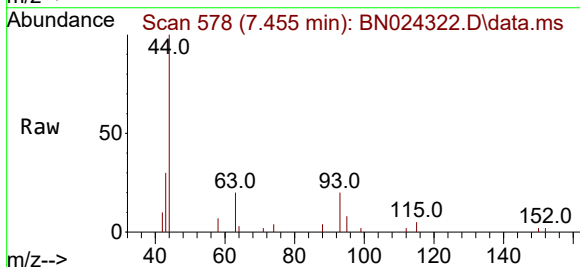
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230306

Tgt Ion: 99 Resp: 1523
Ion Ratio Lower Upper
99 100
42 41.6 20.1 30.1#
71 38.5 25.8 38.8



#6
bis(2-Chloroethyl)ether
Concen: 0.042 ng
RT: 7.455 min Scan# 578
Delta R.T. 0.000 min
Lab File: BN024322.D
Acq: 16 Mar 2023 21:49

Tgt Ion: 93 Resp: 899
Ion Ratio Lower Upper
93 100
63 97.3 65.4 98.2
95 42.2 25.8 38.8#

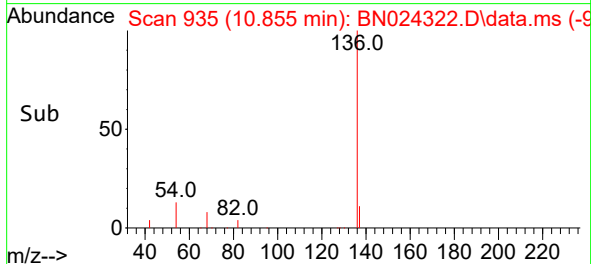
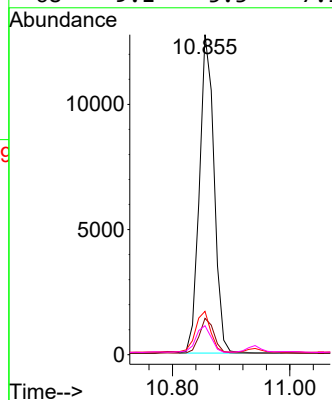
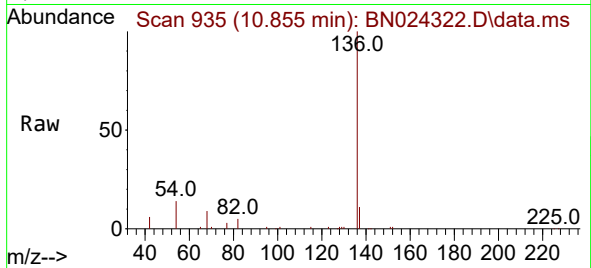




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024322.D
Acq: 16 Mar 2023 21:49

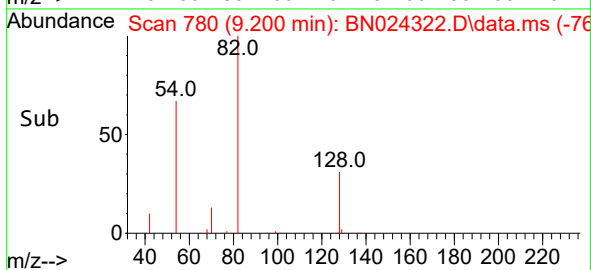
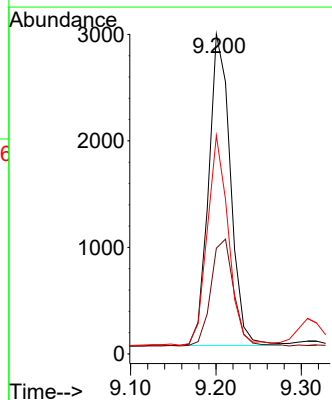
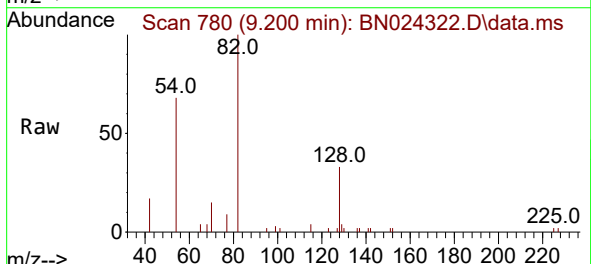
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230306

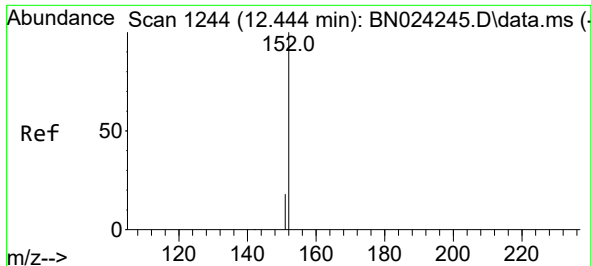
Tgt Ion:	136	Resp:	22172
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	13.6	7.1	10.7#
68	9.1	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.351 ng
RT: 9.200 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024322.D
Acq: 16 Mar 2023 21:49

Tgt Ion:	82	Resp:	5195
Ion Ratio	Lower	Upper	
82	100		
128	33.1	32.4	48.6
54	68.2	45.2	67.8#





#11

2-Methylnaphthalene-d10

Concen: 0.305 ng

RT: 12.440 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BN024322.D

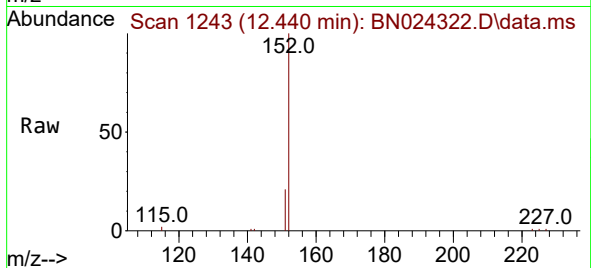
Acq: 16 Mar 2023 21:49

Instrument :

BNA_N

ClientSampleId :

RE132D5-20230306

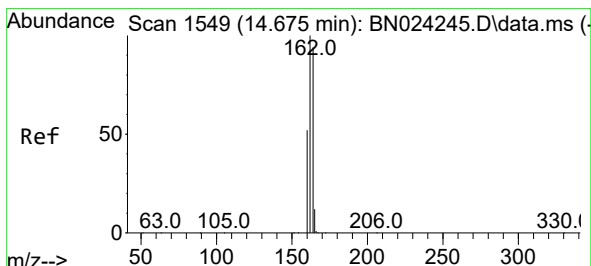
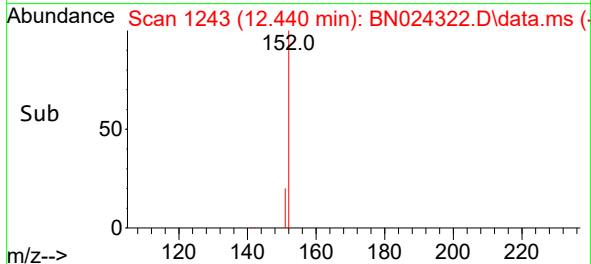
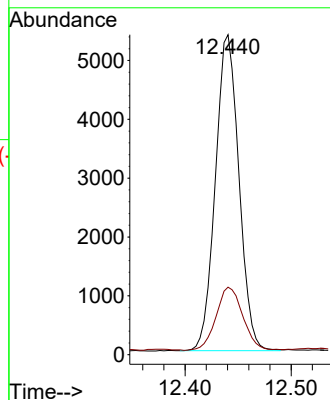


Tgt Ion:152 Resp: 8307

Ion Ratio Lower Upper

152 100

151 22.7 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.675 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BN024322.D

Acq: 16 Mar 2023 21:49

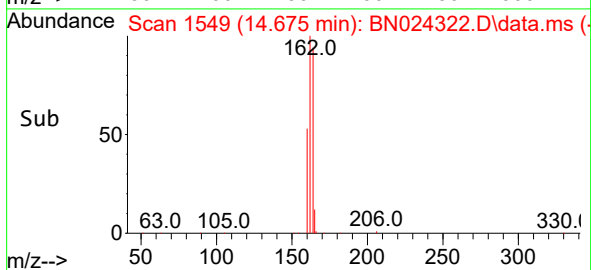
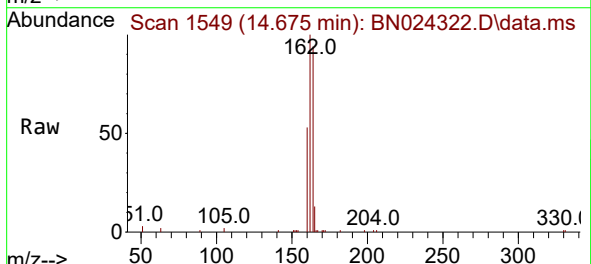
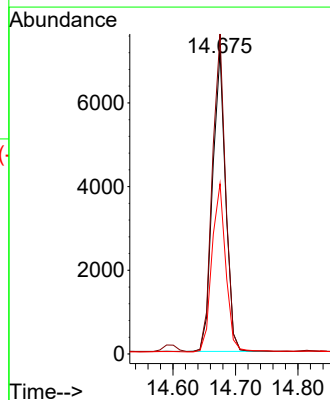
Tgt Ion:164 Resp: 10396

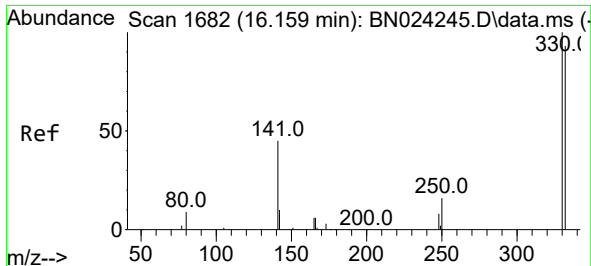
Ion Ratio Lower Upper

164 100

162 106.0 84.7 127.1

160 56.4 44.6 66.8

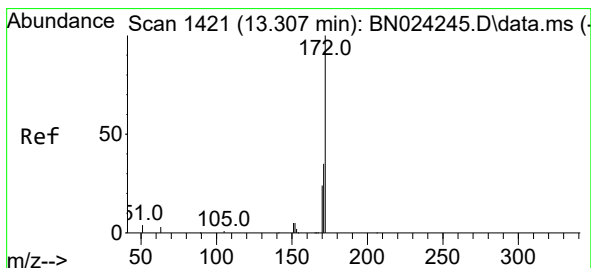
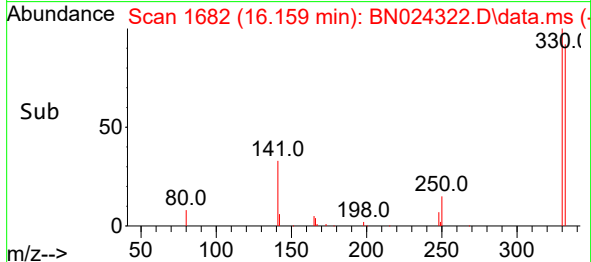
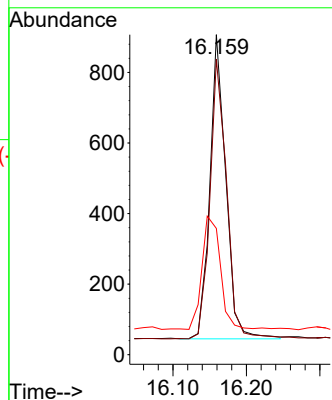
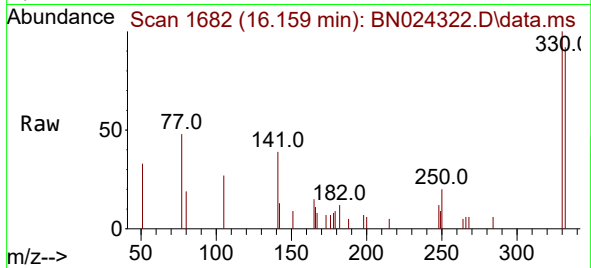




#14
2,4,6-Tribromophenol
Concen: 0.245 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024322.D
Acq: 16 Mar 2023 21:49

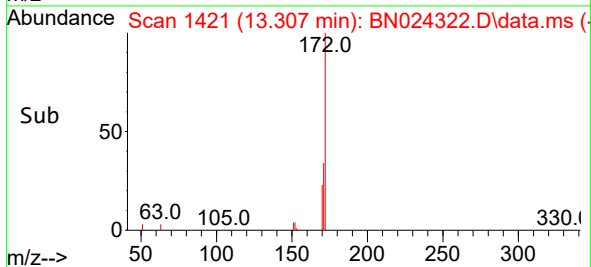
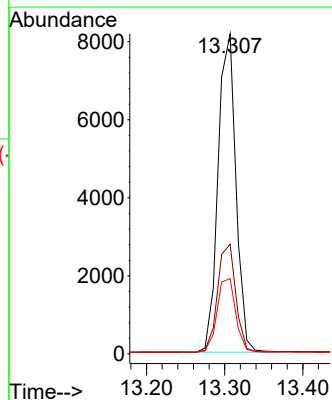
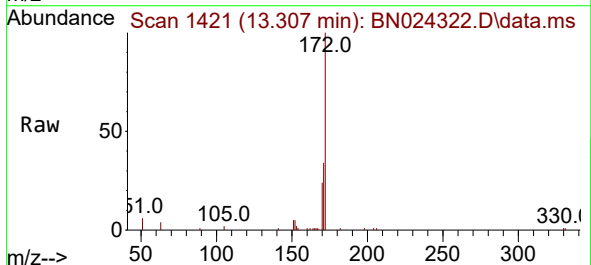
Instrument :
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ClientSampleId :
RE132D5-20230306

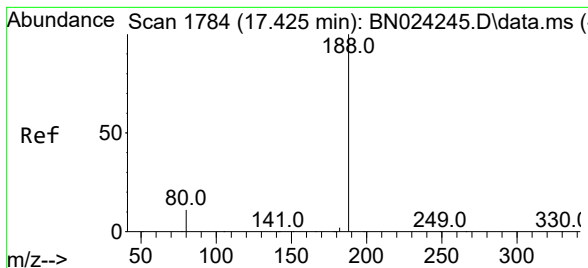
Tgt Ion: 330 Resp: 1304
Ion Ratio Lower Upper
330 100
332 95.6 78.0 117.0
141 42.2 30.8 46.2



#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024322.D
Acq: 16 Mar 2023 21:49

Tgt Ion: 172 Resp: 12930
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 23.5 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.413 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024322.D

Acq: 16 Mar 2023 21:49

Instrument :

BNA_N

ClientSampleId :

RE132D5-20230306

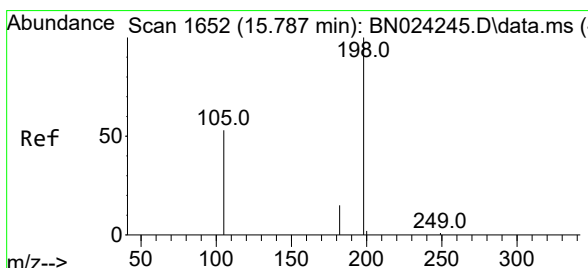
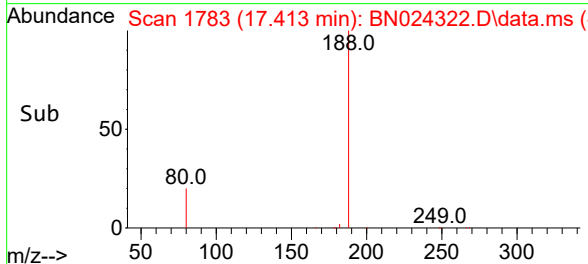
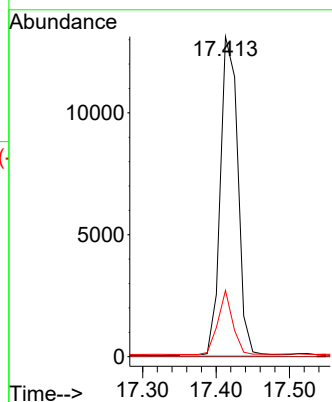
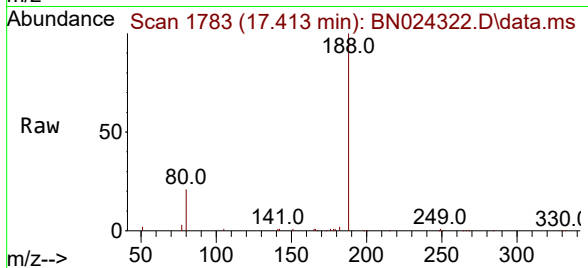
Tgt Ion:188 Resp: 21585

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 20.7 8.9 13.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.181 ng

RT: 15.762 min Scan# 1650

Delta R.T. -0.025 min

Lab File: BN024322.D

Acq: 16 Mar 2023 21:49

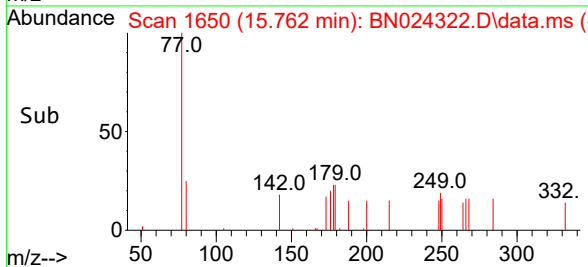
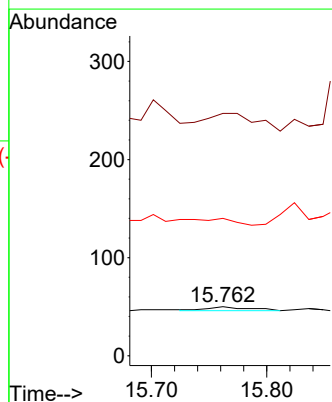
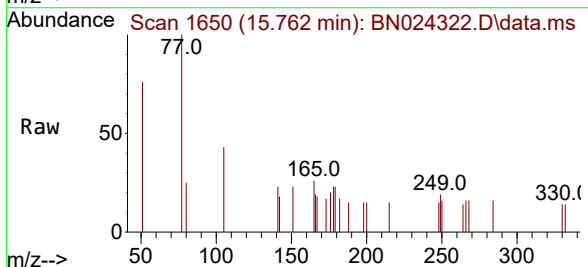
Tgt Ion:198 Resp: 10

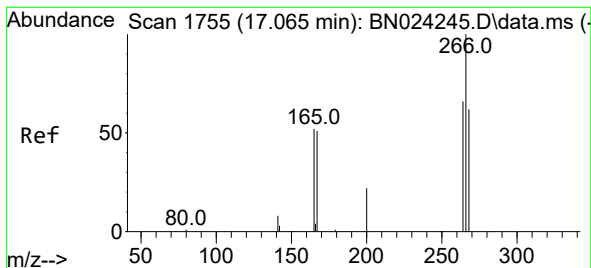
Ion Ratio Lower Upper

198 100

51 494.0 68.2 102.2#

105 280.0 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.135 ng

RT: 17.065 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024322.D

Acq: 16 Mar 2023 21:49

Instrument :

BNA_N

ClientSampleId :

RE132D5-20230306

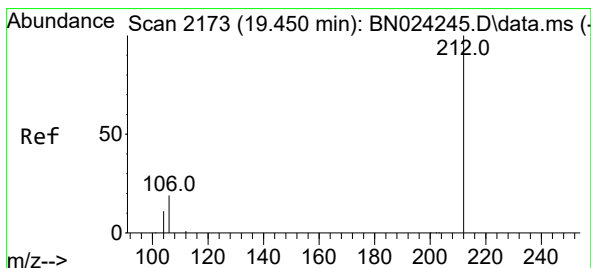
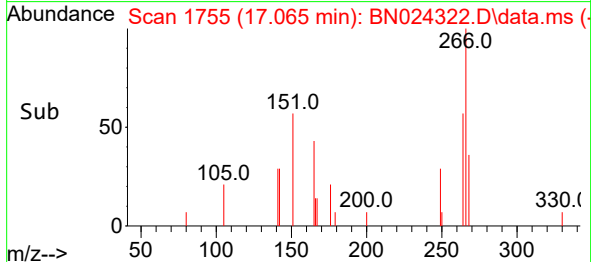
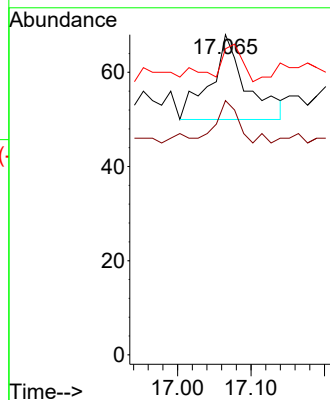
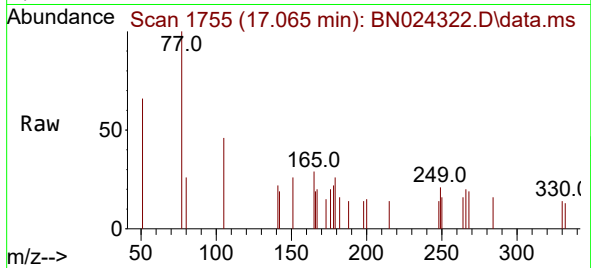
Tgt Ion:266 Resp: 61

Ion Ratio Lower Upper

266 100

264 29.5 51.1 76.7#

268 18.0 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.405 ng

RT: 19.446 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BN024322.D

Acq: 16 Mar 2023 21:49

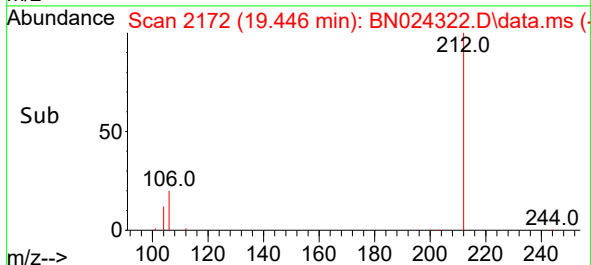
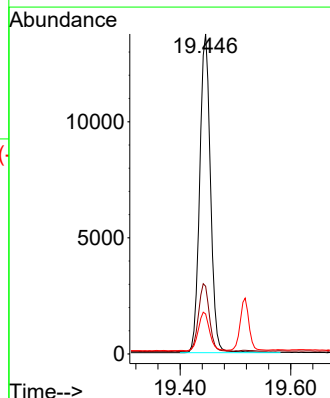
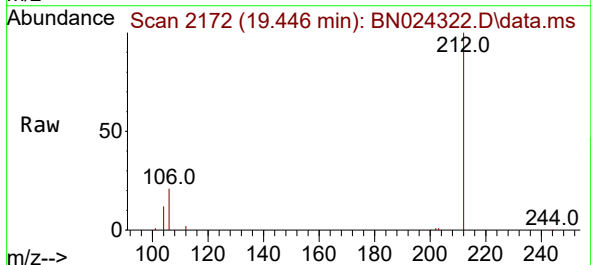
Tgt Ion:212 Resp: 18532

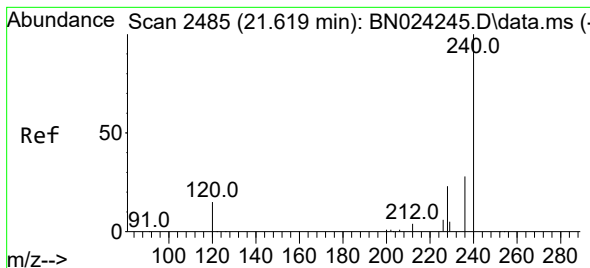
Ion Ratio Lower Upper

212 100

106 21.6 15.4 23.2

104 12.5 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.601 min Scan# 2485

Delta R.T. 0.000 min

Lab File: BN024322.D

Acq: 16 Mar 2023 21:49

Instrument :

BNA_N

ClientSampleId :

RE132D5-20230306

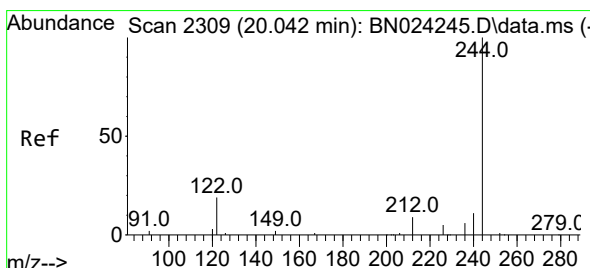
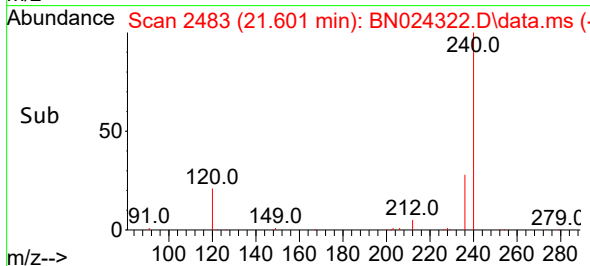
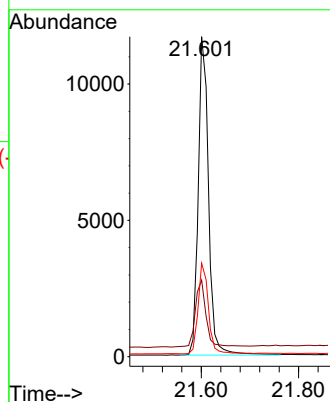
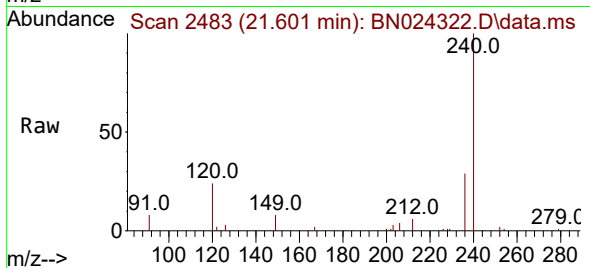
Tgt Ion:240 Resp: 17121

Ion Ratio Lower Upper

240 100

120 23.9 12.8 19.2#

236 29.2 22.5 33.7



#31

Terphenyl-d14

Concen: 0.391 ng

RT: 20.033 min Scan# 2308

Delta R.T. 0.000 min

Lab File: BN024322.D

Acq: 16 Mar 2023 21:49

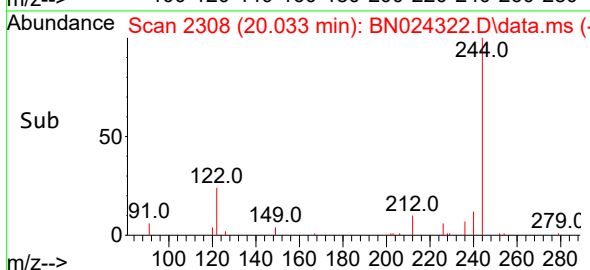
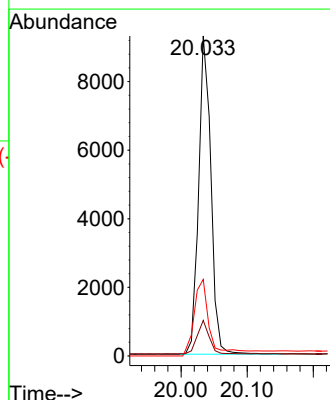
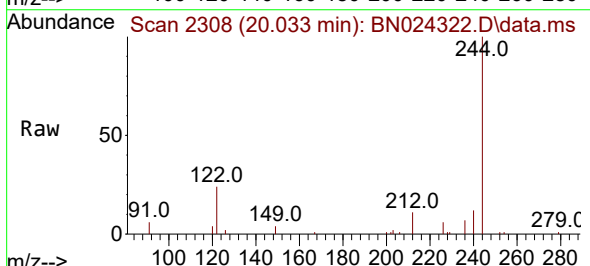
Tgt Ion:244 Resp: 11278

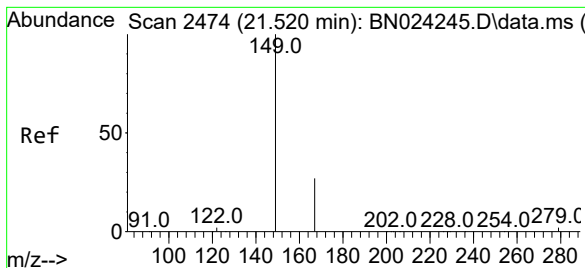
Ion Ratio Lower Upper

244 100

212 11.1 7.6 11.4

122 23.9 15.1 22.7#

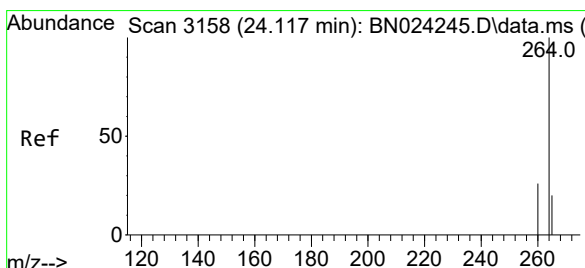
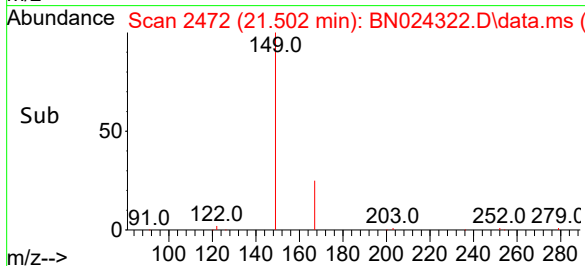
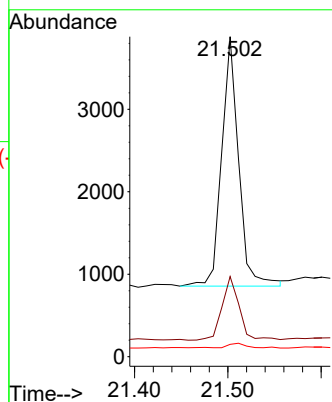
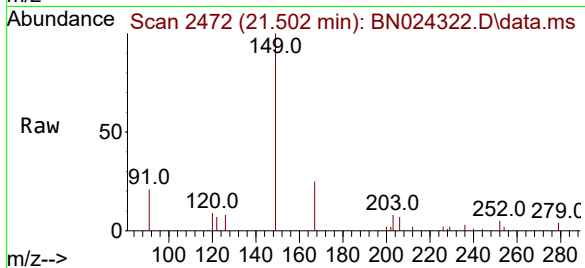




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.142 ng
 RT: 21.502 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BN024322.D
 Acq: 16 Mar 2023 21:49

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20230306

Tgt Ion:149 Resp: 3821
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.2 31.8
 279 2.7 1.8 2.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.100 min Scan# 3152
 Delta R.T. -0.015 min
 Lab File: BN024322.D
 Acq: 16 Mar 2023 21:49

Tgt Ion:264 Resp: 13141
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.4 32.2
 265 58.1 35.7 53.5#

