

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024327.D
 Acq On : 17 Mar 2023 00:53
 Operator : CG/JU
 Sample : 01843-07DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20230306DL

Quant Time: Mar 17 04:45:04 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)

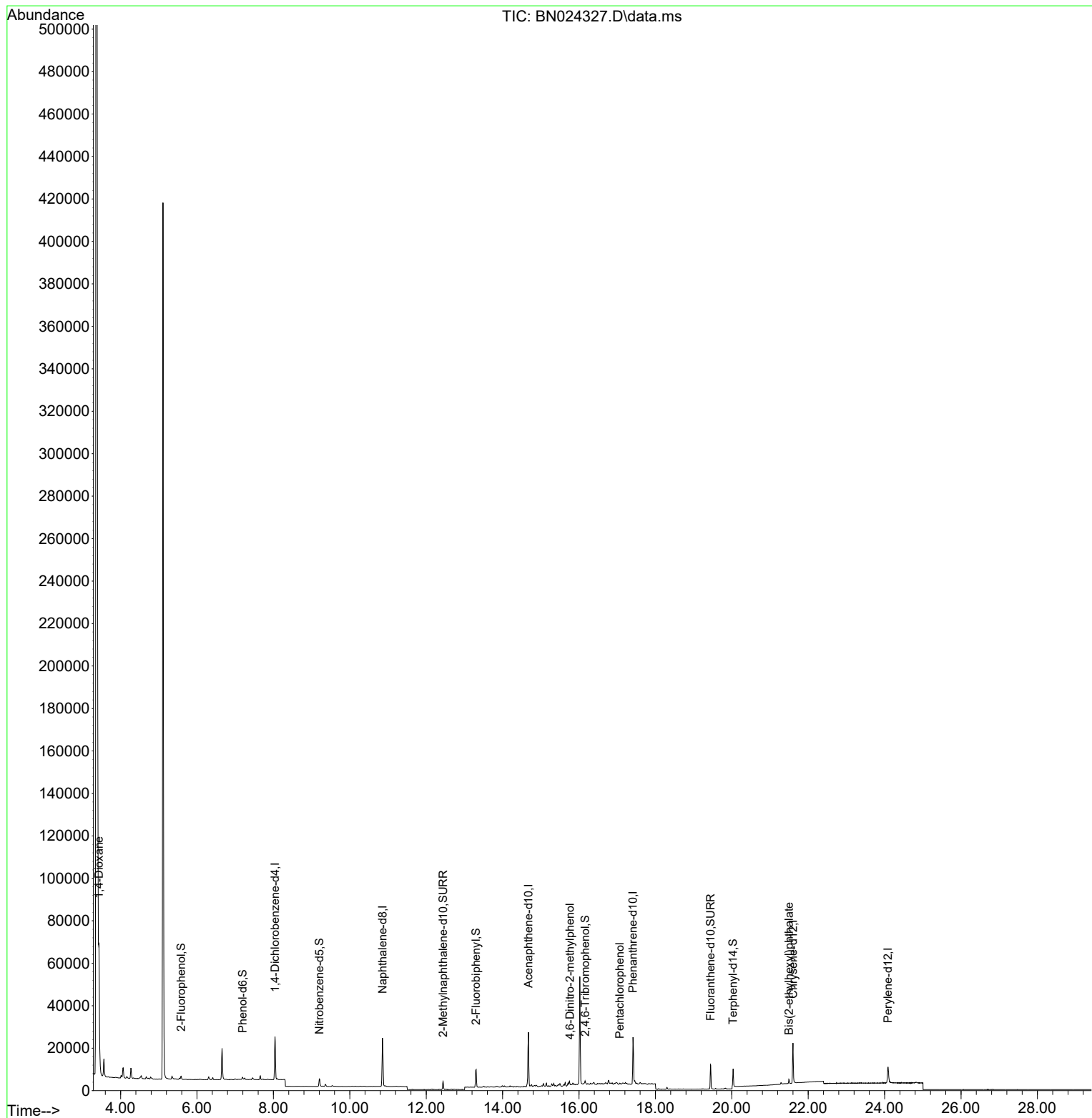
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	9755	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	28573	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	13568	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	28164	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	17633	0.400	ng	0.00
35) Perylene-d12	24.088	264	12584	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	1247	0.058	ng	0.00
5) Phenol-d6	7.195	99	912	0.033	ng	0.00
8) Nitrobenzene-d5	9.201	82	3114	0.163	ng	0.00
11) 2-Methylnaphthalene-d10	12.441	152	5097	0.145	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	772	0.111	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	7744	0.151	ng	0.00
27) Fluoranthene-d10	19.446	212	11810	0.198	ng	0.00
31) Terphenyl-d14	20.034	244	6362	0.214	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	27820	2.621	ng	Qvalue 97
20) 4,6-Dinitro-2-methylph...	15.762	198	7	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	19	0.130	ng	# 65
34) Bis(2-ethylhexyl)phtha...	21.493	149	1996	0.072	ng	# 96

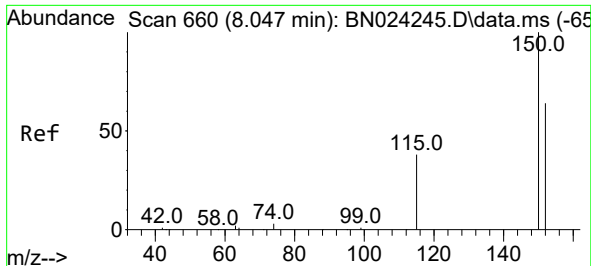
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
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Misc :
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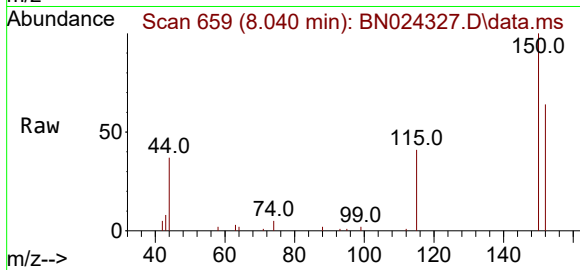
Quant Time: Mar 17 04:45:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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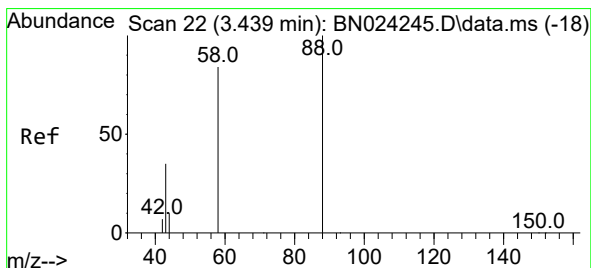
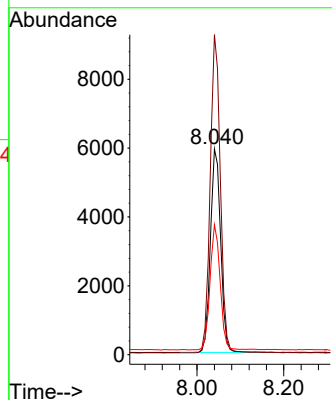
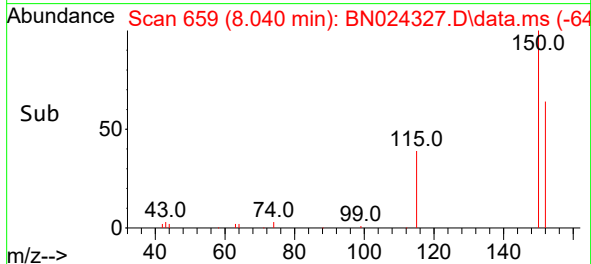


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53

Instrument :
BNA_N
ClientSampleId :
RE132D6-20230306DL

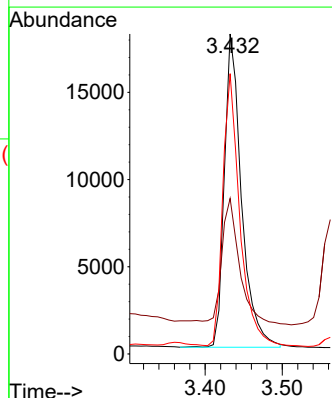
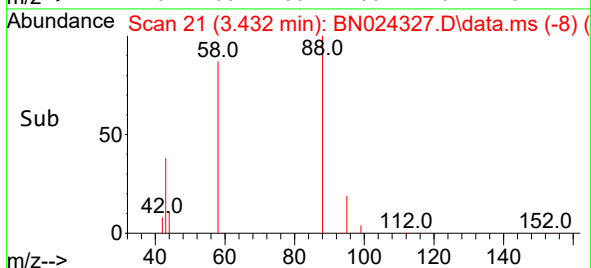
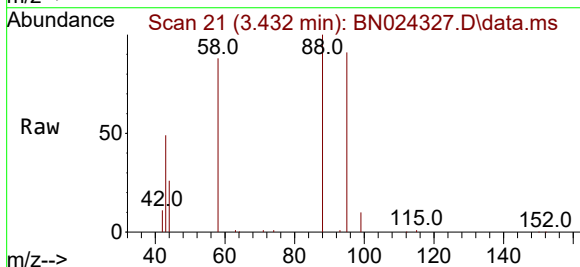


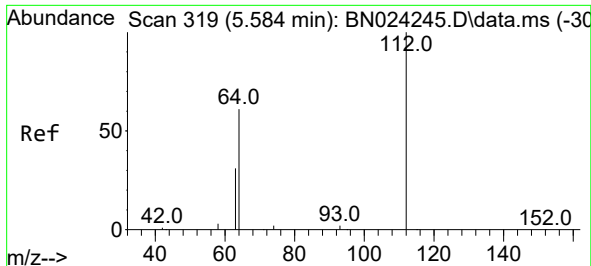
Tgt Ion:152 Resp: 9755
Ion Ratio Lower Upper
152 100
150 155.6 124.7 187.1
115 63.2 49.1 73.7



#2
1,4-Dioxane
Concen: 2.621 ng
RT: 3.432 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53

Tgt Ion: 88 Resp: 27820
Ion Ratio Lower Upper
88 100
43 40.6 29.0 43.4
58 84.9 67.3 100.9

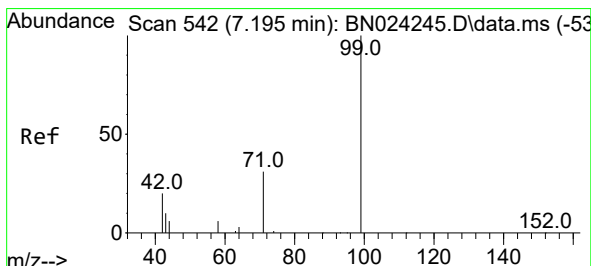
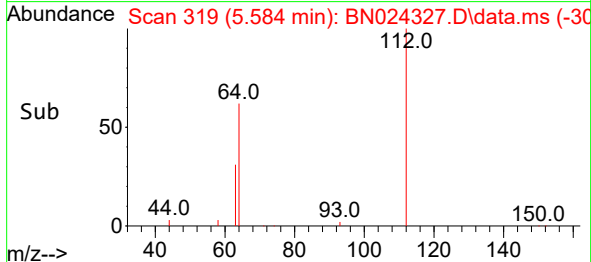
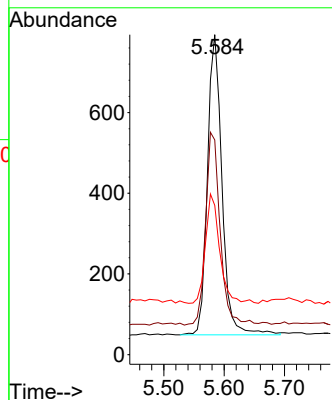
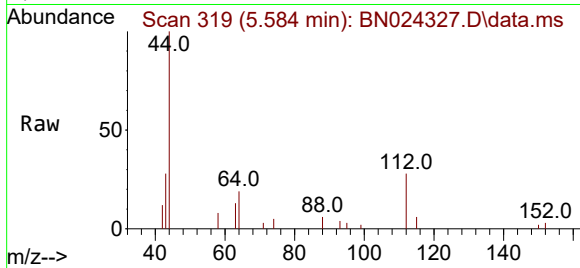




#4
2-Fluorophenol
Concen: 0.058 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53

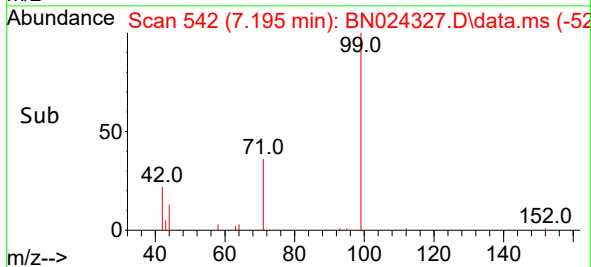
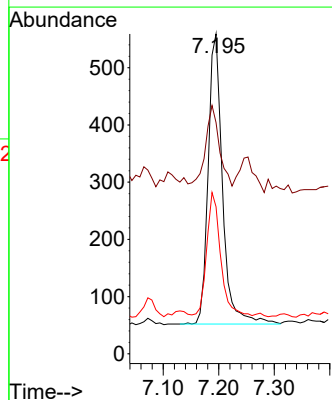
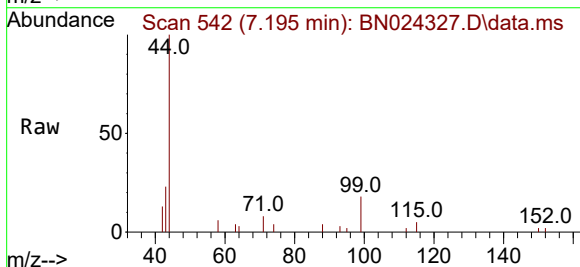
Instrument :
BNA_N
ClientSampleId :
RE132D6-20230306DL

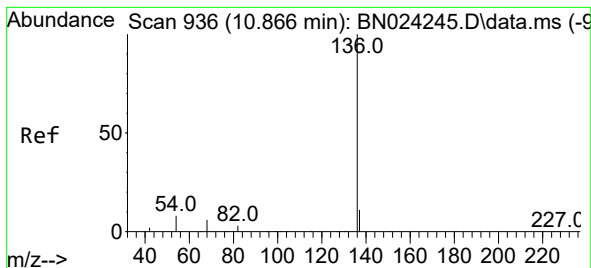
Tgt Ion:112 Resp: 1247
Ion Ratio Lower Upper
112 100
64 64.5 49.0 73.6
63 35.8 25.7 38.5



#5
Phenol-d6
Concen: 0.033 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.007 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53

Tgt Ion: 99 Resp: 912
Ion Ratio Lower Upper
99 100
42 26.6 20.1 30.1
71 40.8 25.8 38.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.856 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN024327.D

Acq: 17 Mar 2023 00:53

Instrument :

BNA_N

ClientSampleId :

RE132D6-20230306DL

Tgt Ion:136 Resp: 28573

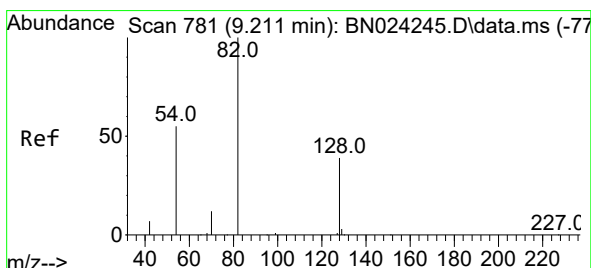
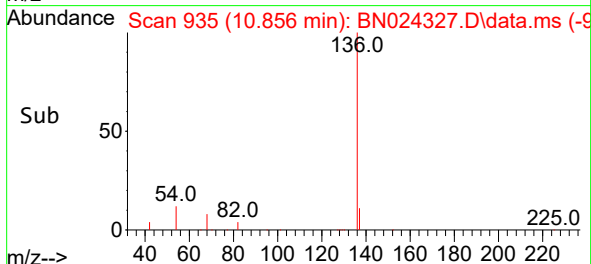
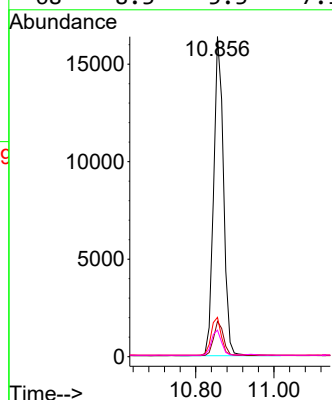
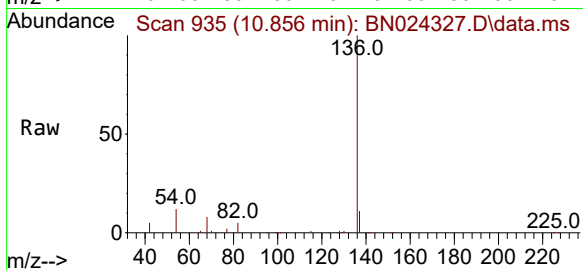
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 12.3 7.1 10.7#

68 8.3 5.3 7.9#



#8

Nitrobenzene-d5

Concen: 0.163 ng

RT: 9.201 min Scan# 780

Delta R.T. 0.000 min

Lab File: BN024327.D

Acq: 17 Mar 2023 00:53

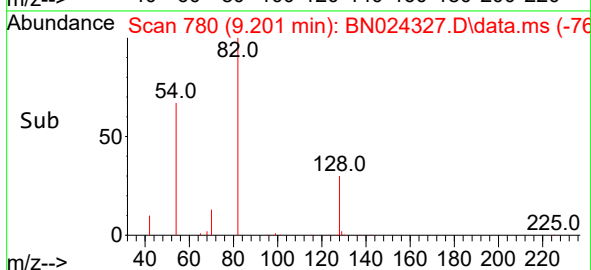
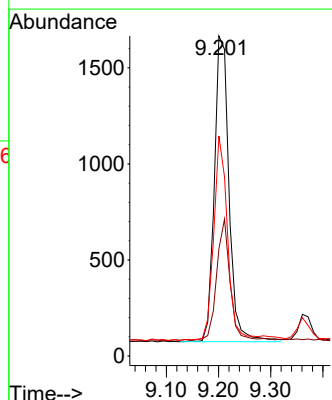
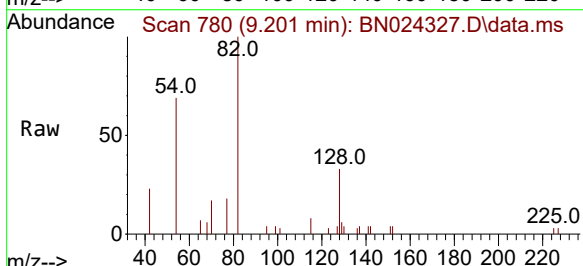
Tgt Ion: 82 Resp: 3114

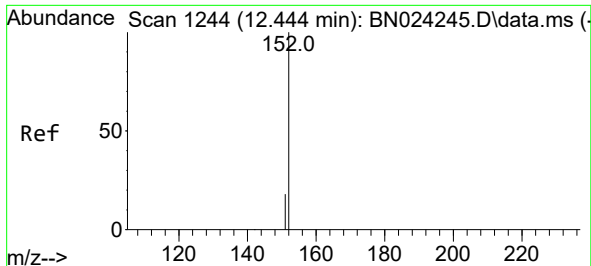
Ion Ratio Lower Upper

82 100

128 33.5 32.4 48.6

54 68.7 45.2 67.8#

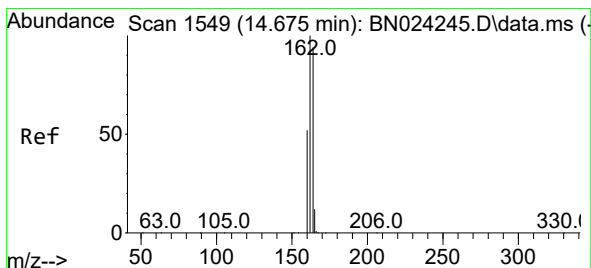
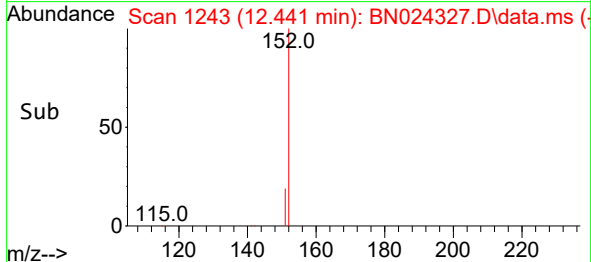
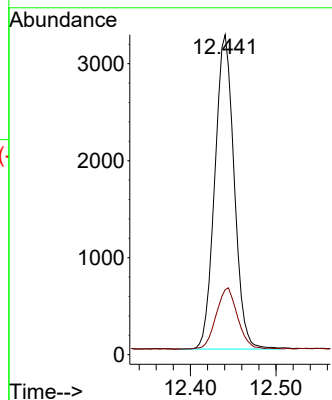
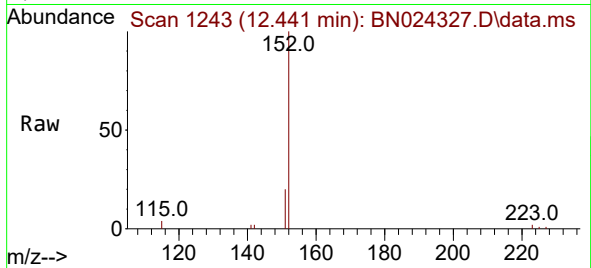




#11
2-Methylnaphthalene-d10
Concen: 0.145 ng
RT: 12.441 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53

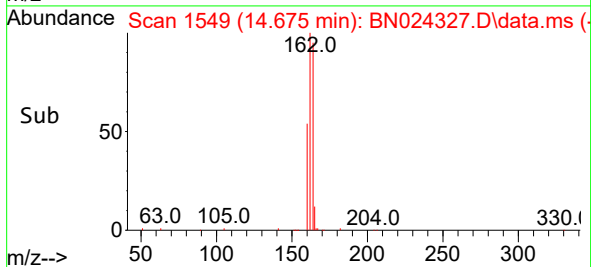
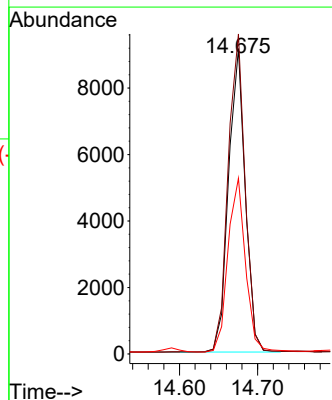
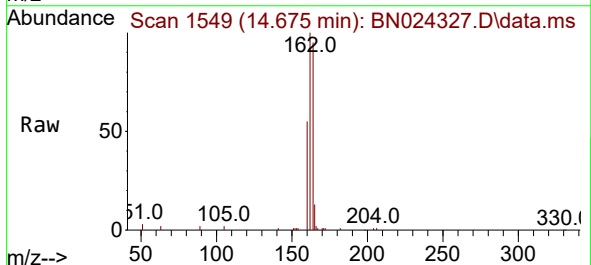
Instrument :
BNA_N
ClientSampleId :
RE132D6-20230306DL

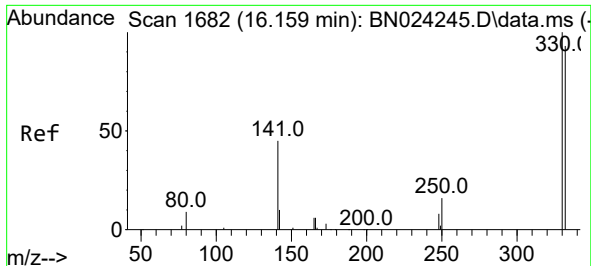
Tgt Ion:152 Resp: 5097
Ion Ratio Lower Upper
152 100
151 21.8 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53

Tgt Ion:164 Resp: 13568
Ion Ratio Lower Upper
164 100
162 104.8 84.7 127.1
160 57.5 44.6 66.8

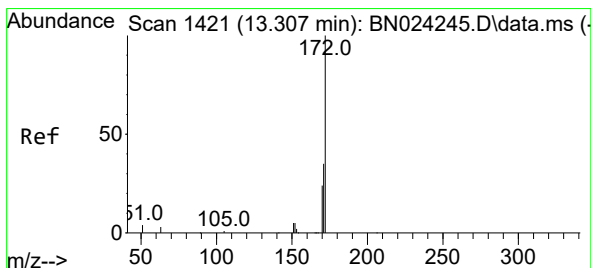
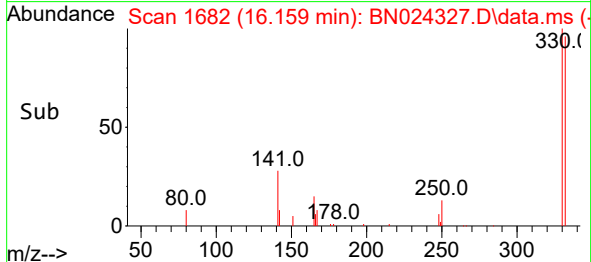
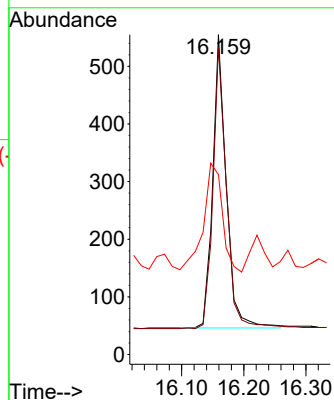
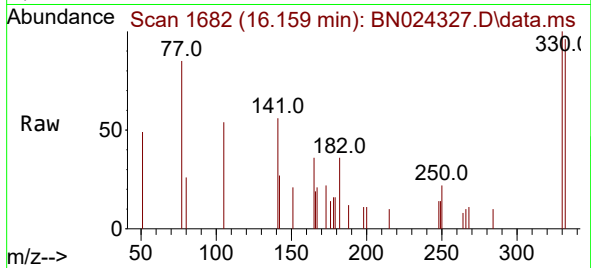




#14
2,4,6-Tribromophenol
Concen: 0.111 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53

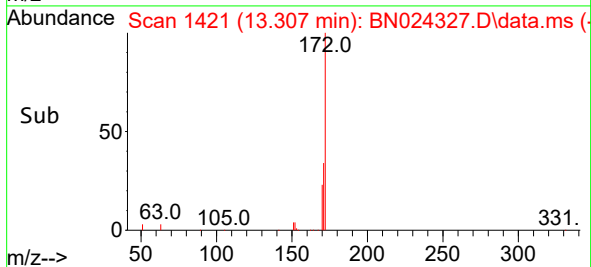
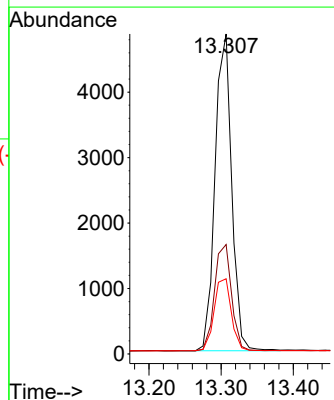
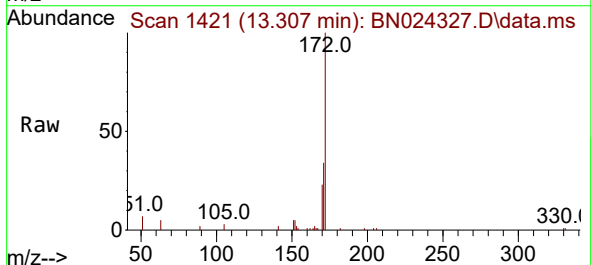
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ClientSampleId :
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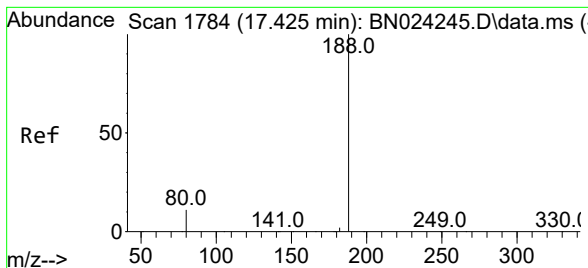
Tgt Ion: 330 Resp: 772
Ion Ratio Lower Upper
330 100
332 95.6 78.0 117.0
141 51.6 30.8 46.2#



#15
2-Fluorobiphenyl
Concen: 0.151 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024327.D
Acq: 17 Mar 2023 00:53

Tgt Ion: 172 Resp: 7744
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 23.5 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.413 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN024327.D

Acq: 17 Mar 2023 00:53

Instrument :

BNA_N

ClientSampleId :

RE132D6-20230306DL

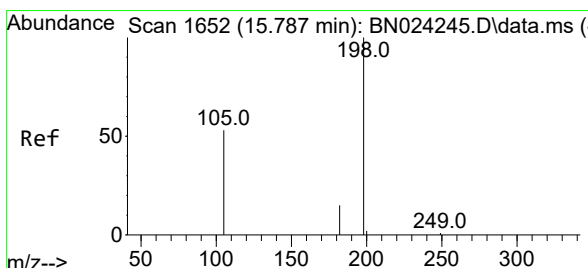
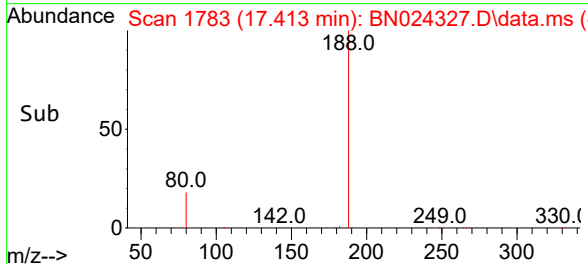
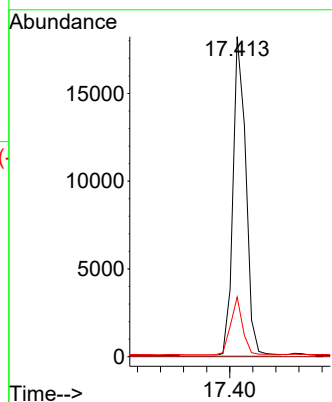
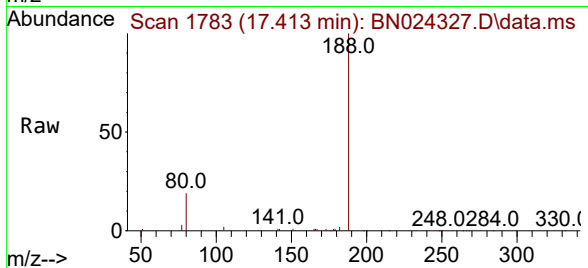
Tgt Ion:188 Resp: 28164

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 18.6 8.9 13.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.179 ng

RT: 15.762 min Scan# 1650

Delta R.T. -0.025 min

Lab File: BN024327.D

Acq: 17 Mar 2023 00:53

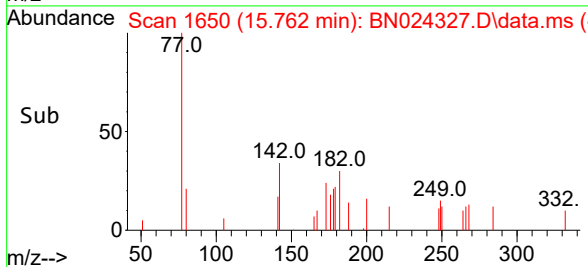
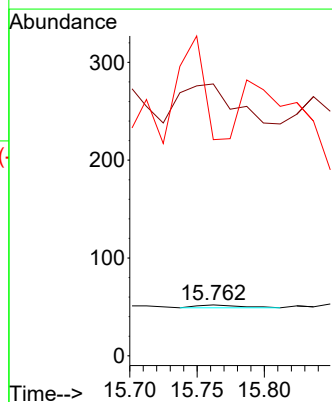
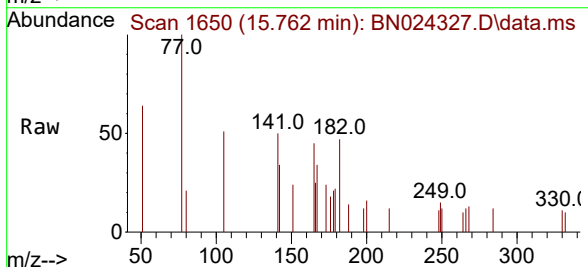
Tgt Ion:198 Resp: 7

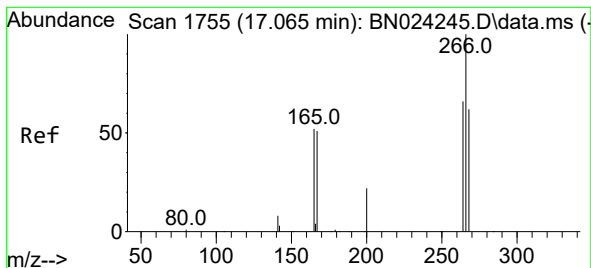
Ion Ratio Lower Upper

198 100

51 534.6 68.2 102.2#

105 425.0 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.130 ng

RT: 17.065 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024327.D

Acq: 17 Mar 2023 00:53

Instrument :

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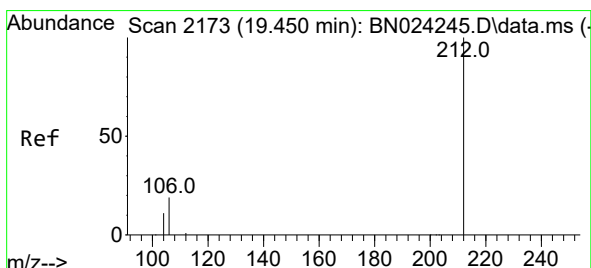
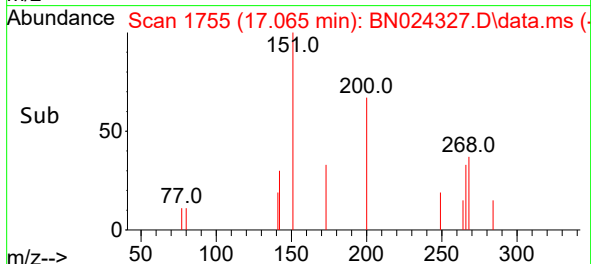
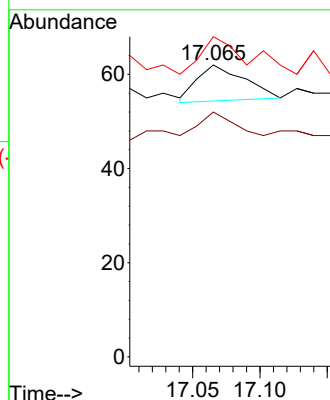
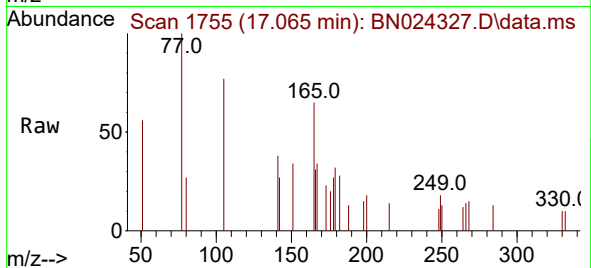
Tgt Ion:266 Resp: 19

Ion Ratio Lower Upper

266 100

264 84.2 51.1 76.7#

268 100.0 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.198 ng

RT: 19.446 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BN024327.D

Acq: 17 Mar 2023 00:53

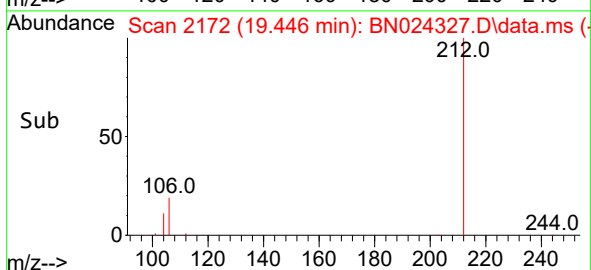
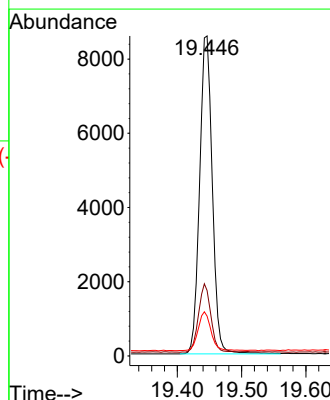
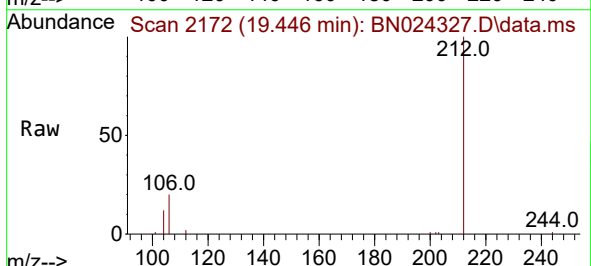
Tgt Ion:212 Resp: 11810

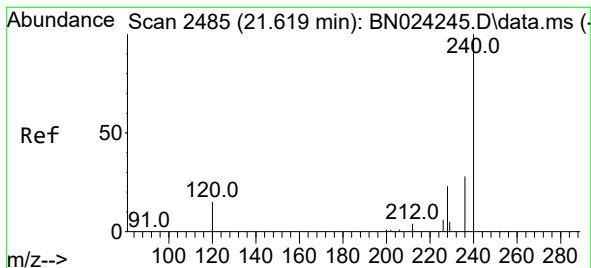
Ion Ratio Lower Upper

212 100

106 20.8 15.4 23.2

104 12.3 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: BN024327.D

Acq: 17 Mar 2023 00:53

Instrument :

BNA_N

ClientSampleId :

RE132D6-20230306DL

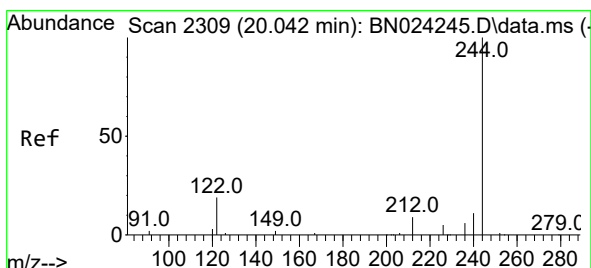
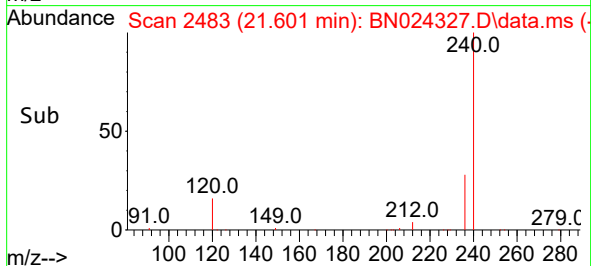
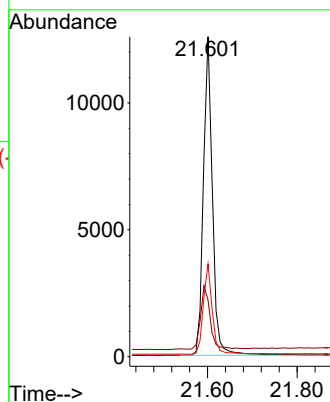
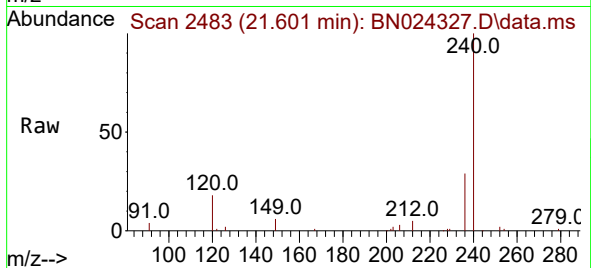
Tgt Ion:240 Resp: 17633

Ion Ratio Lower Upper

240 100

120 17.6 12.8 19.2

236 29.0 22.5 33.7



#31

Terphenyl-d14

Concen: 0.214 ng

RT: 20.034 min Scan# 2308

Delta R.T. 0.000 min

Lab File: BN024327.D

Acq: 17 Mar 2023 00:53

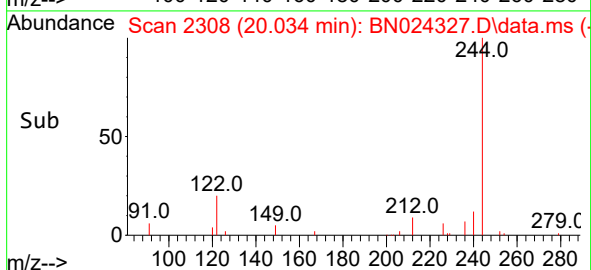
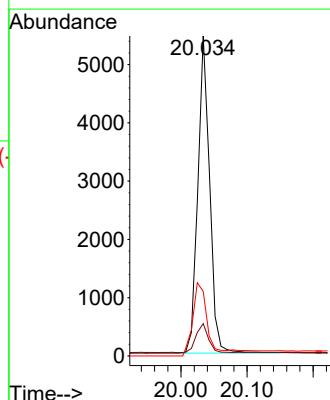
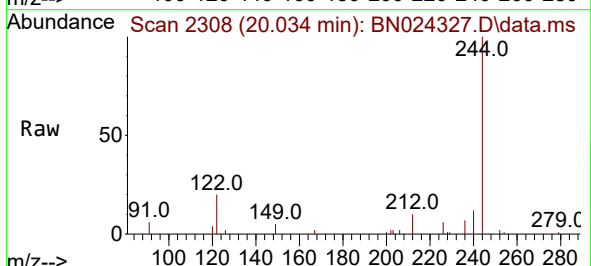
Tgt Ion:244 Resp: 6362

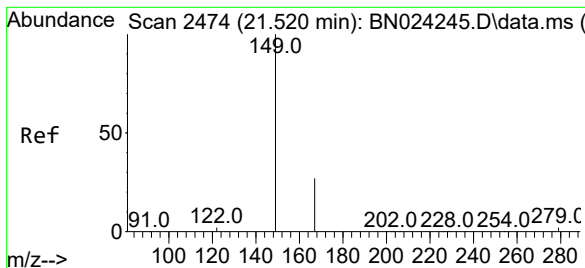
Ion Ratio Lower Upper

244 100

212 10.1 7.6 11.4

122 20.1 15.1 22.7

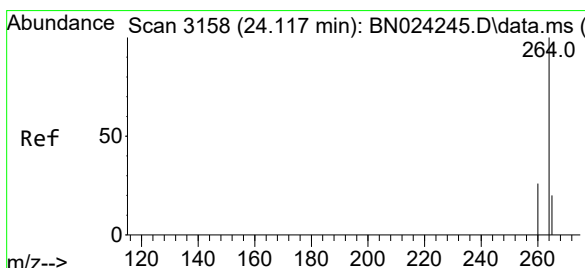
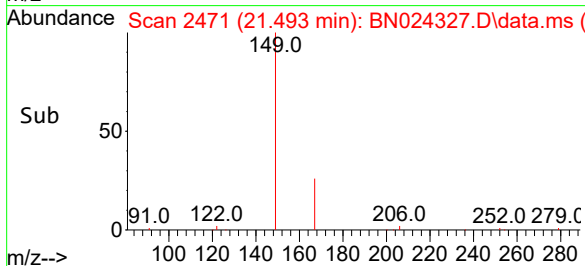
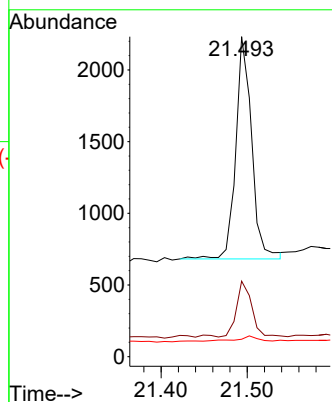
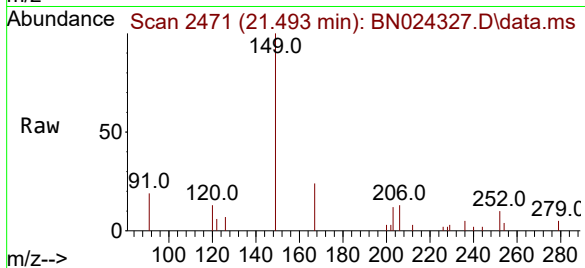




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.072 ng
 RT: 21.493 min Scan# 2471
 Delta R.T. -0.009 min
 Lab File: BN024327.D
 Acq: 17 Mar 2023 00:53

Instrument :
 BNA_N
 ClientSampleId :
 RE132D6-20230306DL

Tgt Ion:149 Resp: 1996
 Ion Ratio Lower Upper
 149 100
 167 24.1 21.2 31.8
 279 2.8 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.088 min Scan# 3148
 Delta R.T. -0.026 min
 Lab File: BN024327.D
 Acq: 17 Mar 2023 00:53

Tgt Ion:264 Resp: 12584
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.4 32.2
 265 62.7 35.7 53.5#

