

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024353.D
 Acq On : 17 Mar 2023 19:27
 Operator : CG/JU
 Sample : 01880-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT14911-20230309

Quant Time: Mar 17 23:30:08 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)

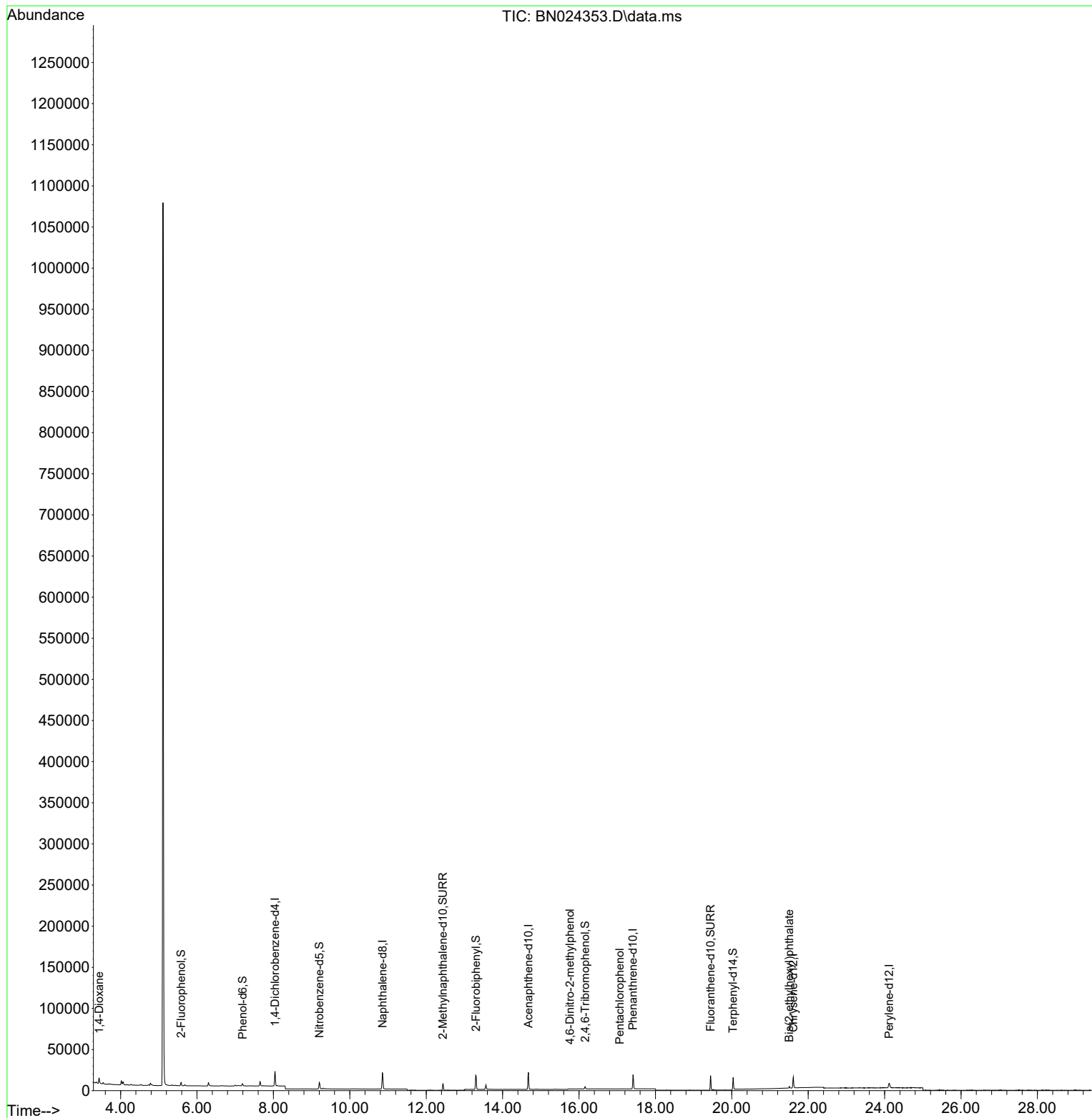
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	8526	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	24538	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	11238	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	21947	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	12983	0.400	ng	# 0.00
35) Perylene-d12	24.117	264	9792	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	3062	0.162	ng	0.00
5) Phenol-d6	7.195	99	2287	0.094	ng	0.00
8) Nitrobenzene-d5	9.200	82	6463	0.394	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	10647	0.353	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1511	0.263	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	15615	0.368	ng	0.00
27) Fluoranthene-d10	19.446	212	17491	0.376	ng	0.00
31) Terphenyl-d14	20.033	244	10927	0.499	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.439	88	4138	0.446	ng	# 84
20) 4,6-Dinitro-2-methylph...	15.762	198	13	0.181	ng	# 1
24) Pentachlorophenol	17.065	266	34	0.132	ng	# 76
34) Bis(2-ethylhexyl)phtha...	21.502	149	2308	0.113	ng	# 93

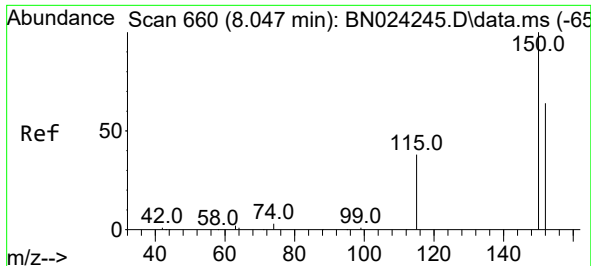
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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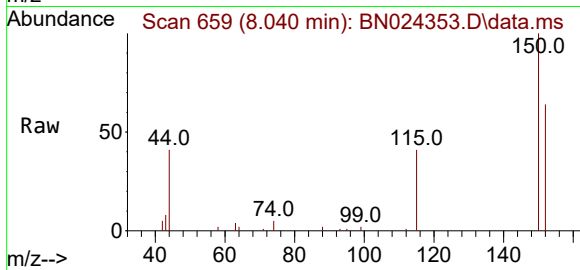
Quant Time: Mar 17 23:30:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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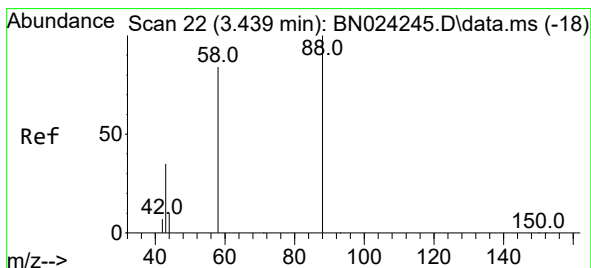
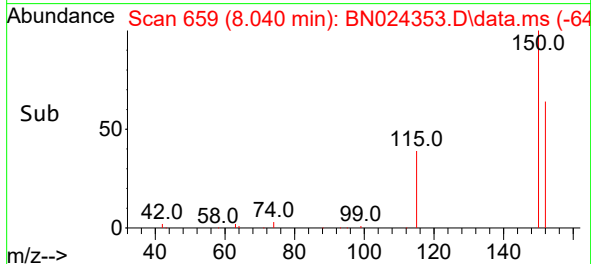
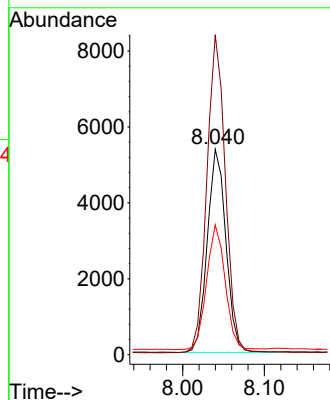


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024353.D
Acq: 17 Mar 2023 19:27

Instrument :
BNA_N
ClientSampleId :
TT14911-20230309

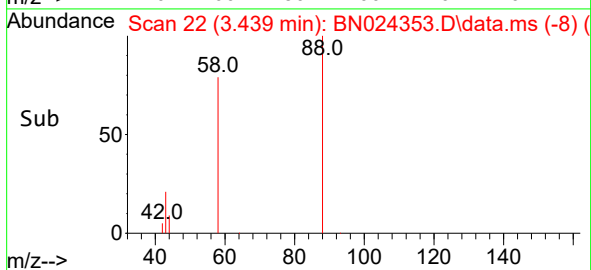
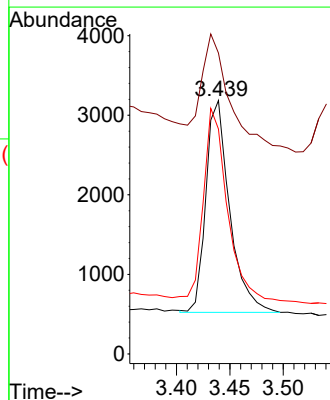
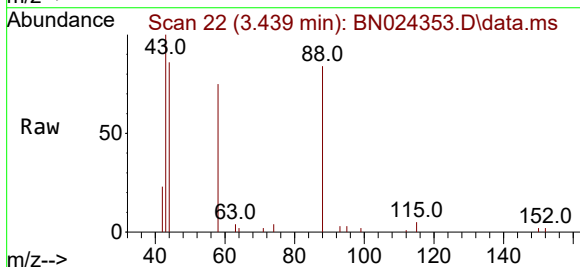


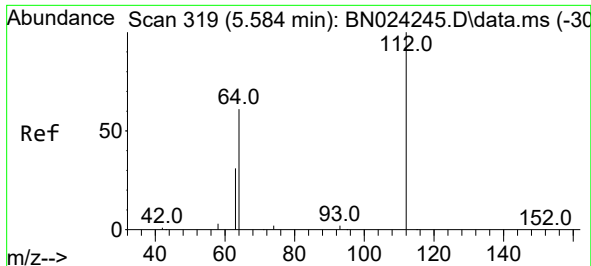
Tgt Ion:152 Resp: 8526
Ion Ratio Lower Upper
152 100
150 155.7 124.7 187.1
115 63.2 49.1 73.7



#2
1,4-Dioxane
Concen: 0.446 ng
RT: 3.439 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN024353.D
Acq: 17 Mar 2023 19:27

Tgt Ion: 88 Resp: 4138
Ion Ratio Lower Upper
88 100
43 58.7 29.0 43.4#
58 90.4 67.3 100.9





#4

2-Fluorophenol

Concen: 0.162 ng

RT: 5.584 min Scan# 319

Delta R.T. 0.007 min

Lab File: BN024353.D

Acq: 17 Mar 2023 19:27

Instrument :

BNA_N

ClientSampleId :

TT14911-20230309

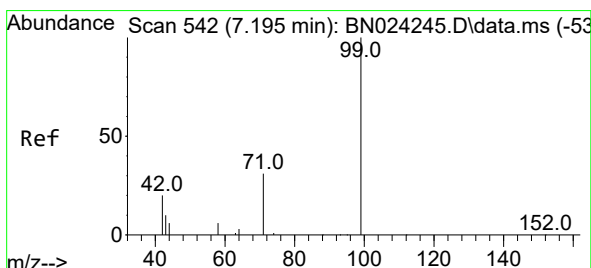
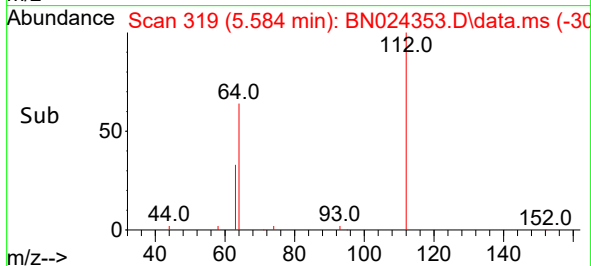
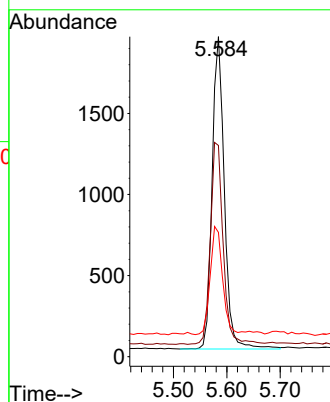
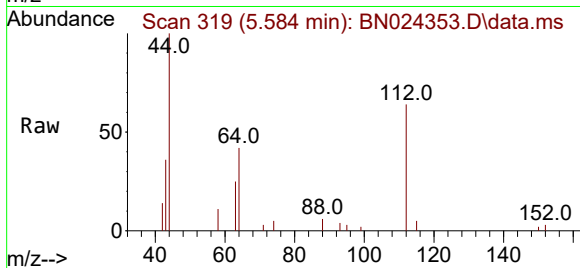
Tgt Ion:112 Resp: 3062

Ion Ratio Lower Upper

112 100

64 67.8 49.0 73.6

63 35.0 25.7 38.5



#5

Phenol-d6

Concen: 0.094 ng

RT: 7.195 min Scan# 542

Delta R.T. 0.007 min

Lab File: BN024353.D

Acq: 17 Mar 2023 19:27

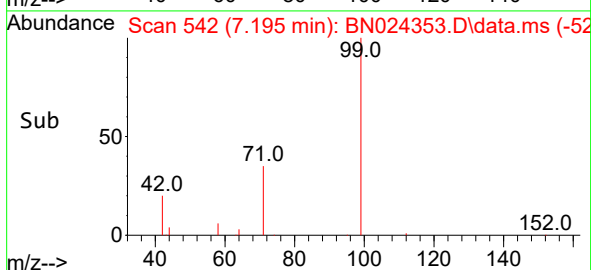
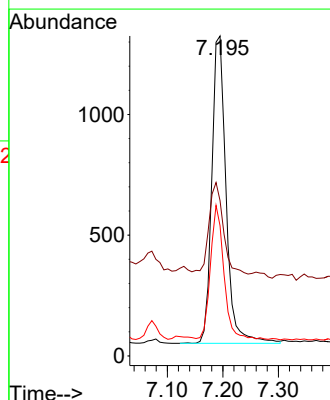
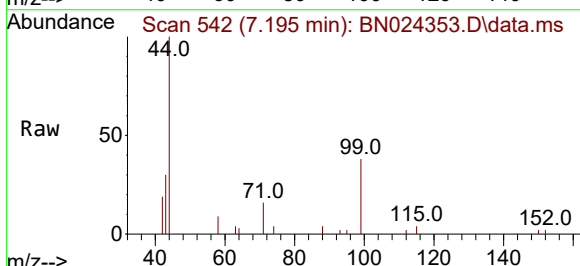
Tgt Ion: 99 Resp: 2287

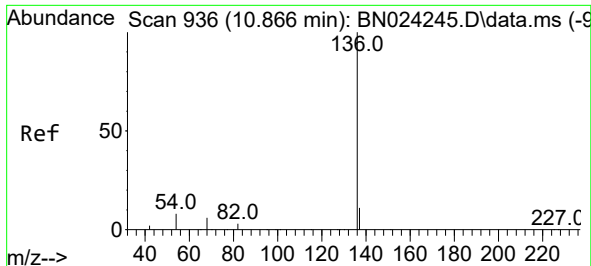
Ion Ratio Lower Upper

99 100

42 29.6 20.1 30.1

71 40.8 25.8 38.8#

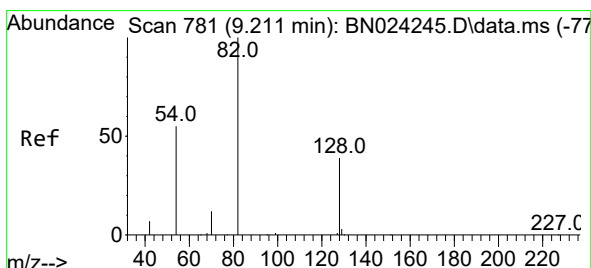
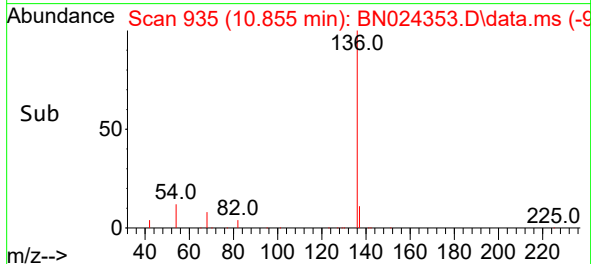
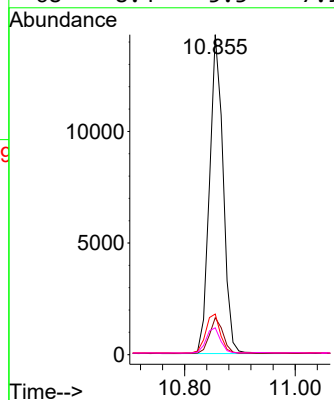
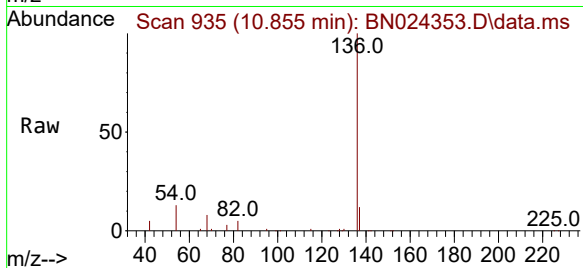




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN024353.D
Acq: 17 Mar 2023 19:27

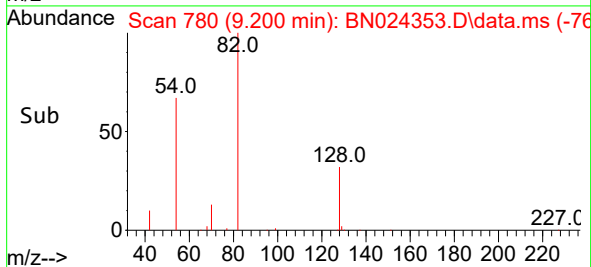
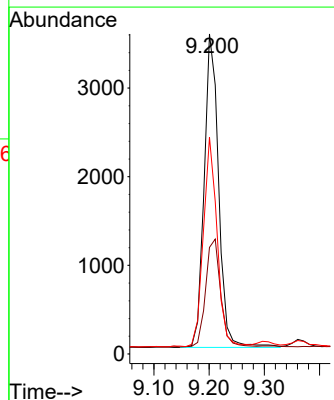
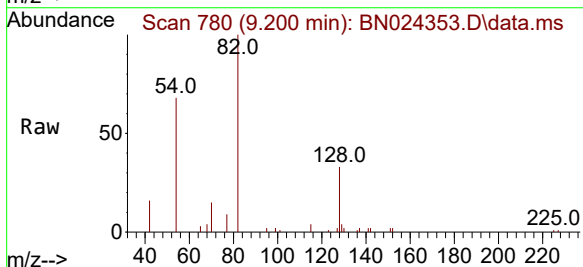
Instrument :
BNA_N
ClientSampleId :
TT14911-20230309

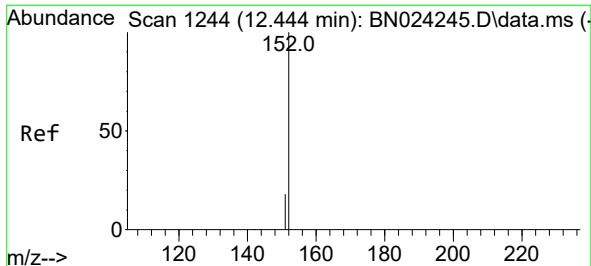
Tgt Ion:	136	Resp:	24538
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.9	13.3
54	12.7	7.1	10.7#
68	8.4	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 9.200 min Scan# 780
Delta R.T. -0.000 min
Lab File: BN024353.D
Acq: 17 Mar 2023 19:27

Tgt Ion:	82	Resp:	6463
Ion Ratio	Lower	Upper	
82	100		
128	33.3	32.4	48.6
54	67.7	45.2	67.8





#11

2-Methylnaphthalene-d10

Concen: 0.353 ng

RT: 12.437 min Scan# 1242

Delta R.T. -0.004 min

Lab File: BN024353.D

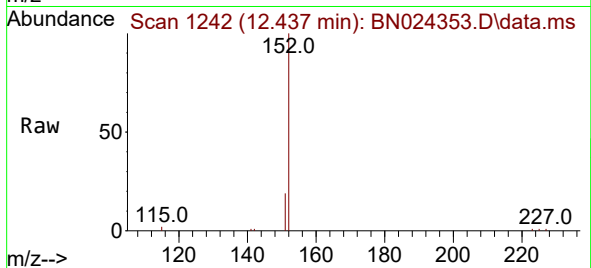
Acq: 17 Mar 2023 19:27

Instrument :

BNA_N

ClientSampleId :

TT14911-20230309

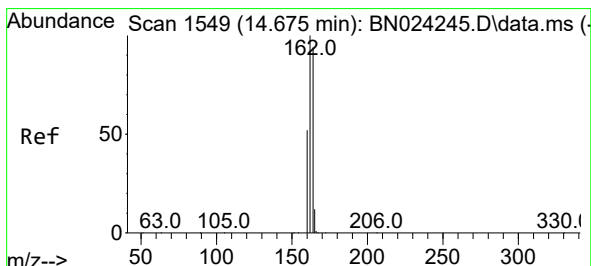
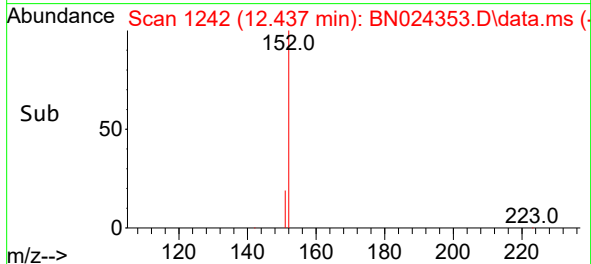
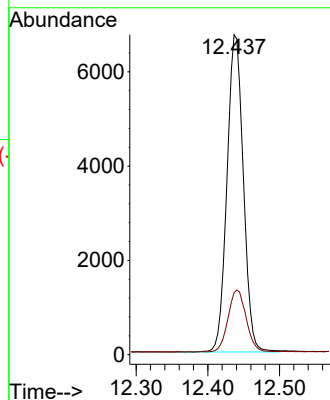


Tgt Ion:152 Resp: 10647

Ion Ratio Lower Upper

152 100

151 21.5 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: BN024353.D

Acq: 17 Mar 2023 19:27

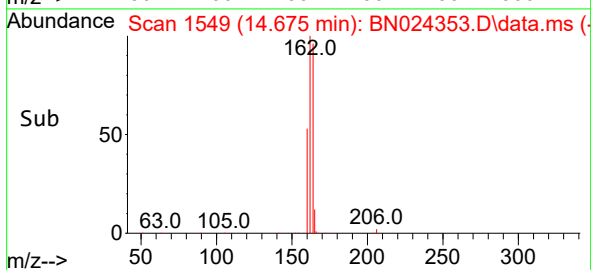
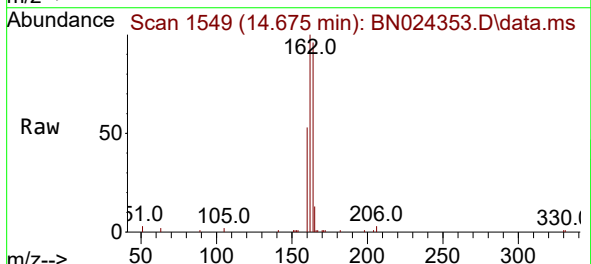
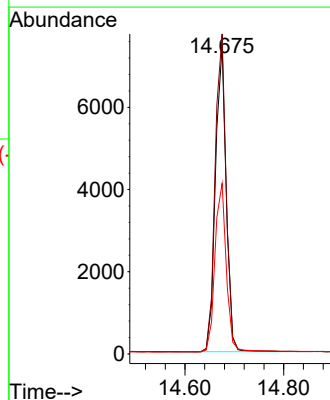
Tgt Ion:164 Resp: 11238

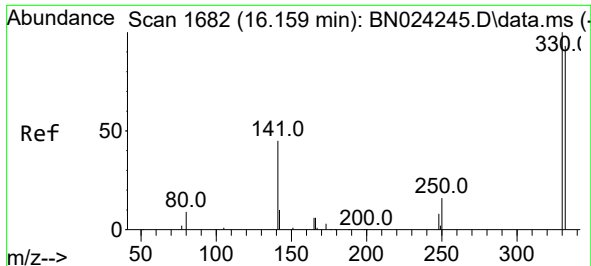
Ion Ratio Lower Upper

164 100

162 104.1 84.7 127.1

160 55.5 44.6 66.8

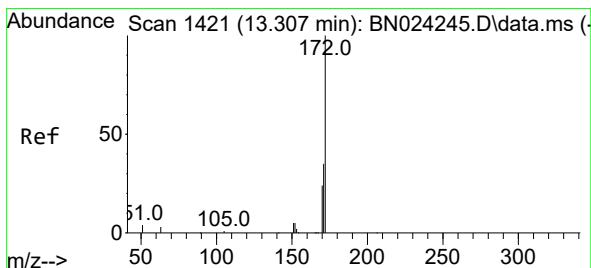
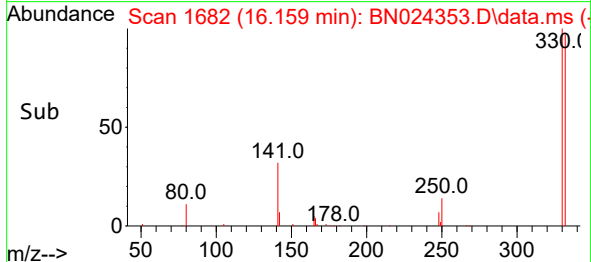
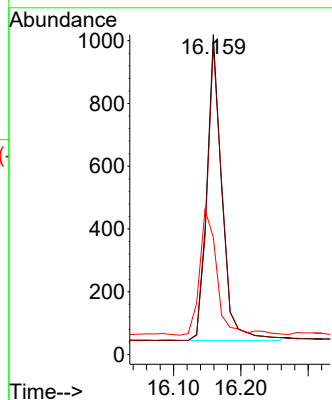
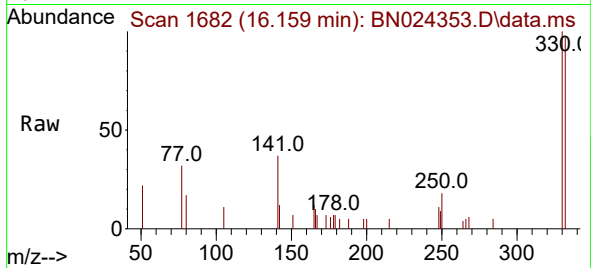




#14
2,4,6-Tribromophenol
Concen: 0.263 ng
RT: 16.159 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BN024353.D
Acq: 17 Mar 2023 19:27

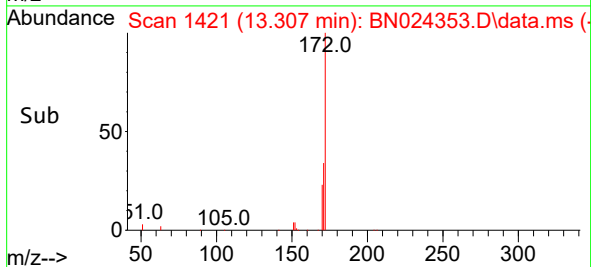
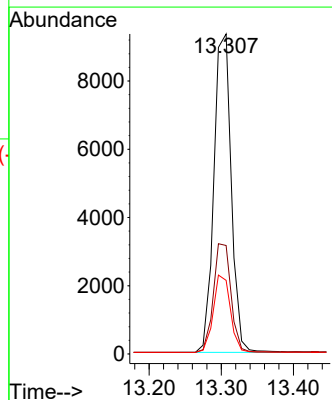
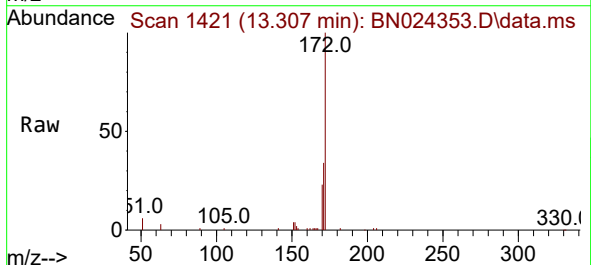
Instrument :
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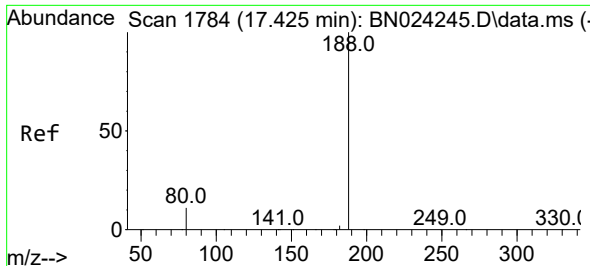
Tgt Ion: 330 Resp: 1511
Ion Ratio Lower Upper
330 100
332 97.9 78.0 117.0
141 47.7 30.8 46.2#



#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 13.307 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN024353.D
Acq: 17 Mar 2023 19:27

Tgt Ion: 172 Resp: 15615
Ion Ratio Lower Upper
172 100
171 33.9 27.8 41.8
170 23.0 19.0 28.6

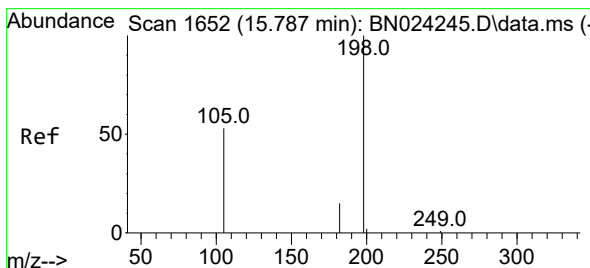
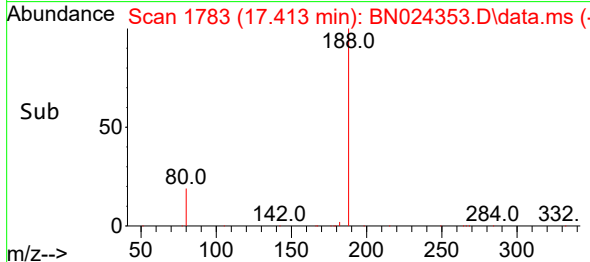
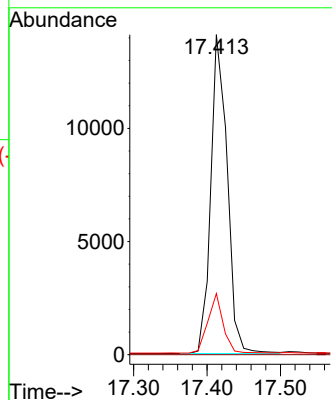
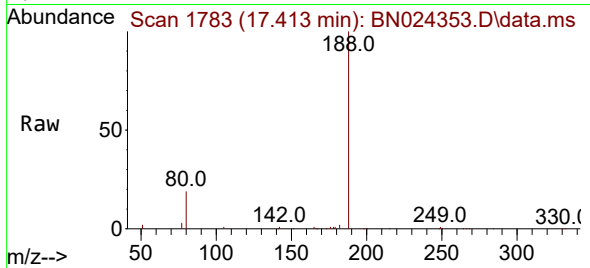




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1784
Delta R.T. -0.000 min
Lab File: BN024353.D
Acq: 17 Mar 2023 19:27

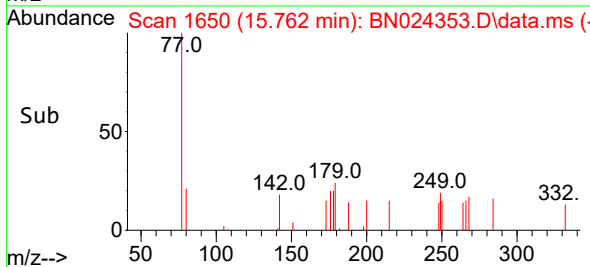
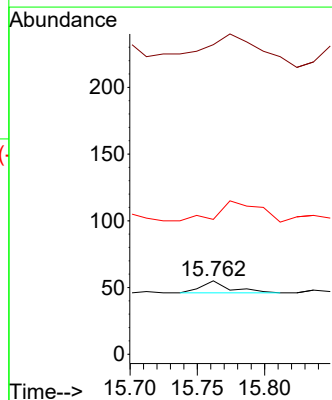
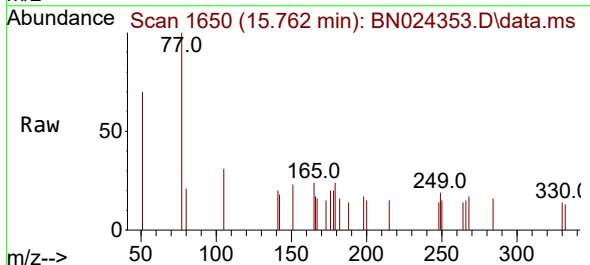
Instrument :
BNA_N
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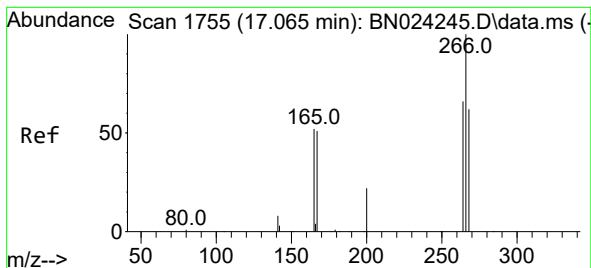
Tgt Ion:188 Resp: 21947
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 19.1 8.9 13.3#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.181 ng
RT: 15.762 min Scan# 1650
Delta R.T. -0.025 min
Lab File: BN024353.D
Acq: 17 Mar 2023 19:27

Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 421.8 68.2 102.2#
105 183.6 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.132 ng

RT: 17.065 min Scan# 1755

Delta R.T. -0.000 min

Lab File: BN024353.D

Acq: 17 Mar 2023 19:27

Instrument :

BNA_N

ClientSampleId :

TT14911-20230309

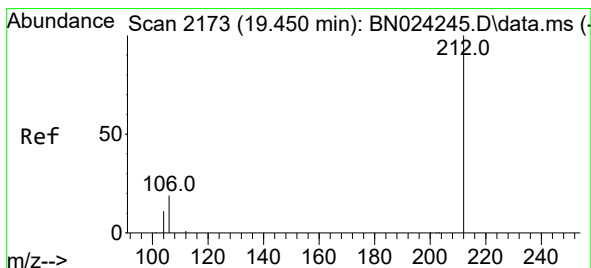
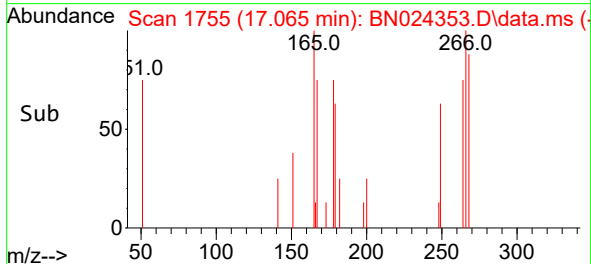
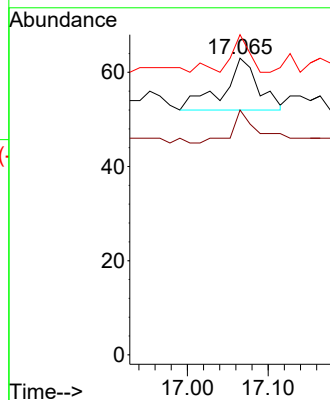
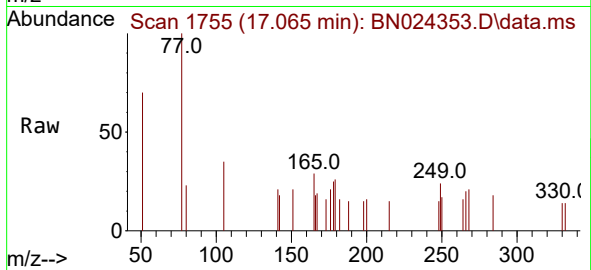
Tgt Ion:266 Resp: 34

Ion Ratio Lower Upper

266 100

264 58.8 51.1 76.7

268 32.4 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.446 min Scan# 2172

Delta R.T. -0.000 min

Lab File: BN024353.D

Acq: 17 Mar 2023 19:27

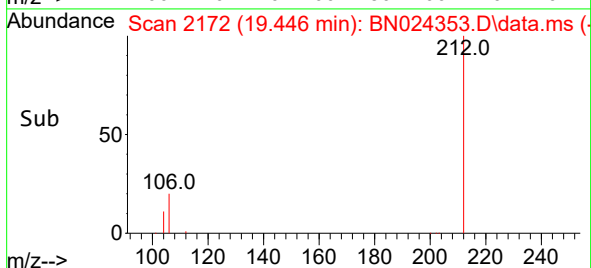
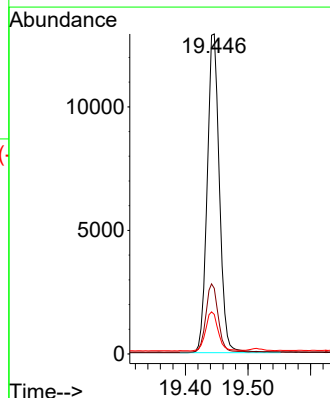
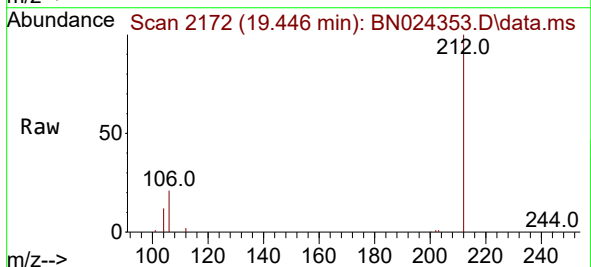
Tgt Ion:212 Resp: 17491

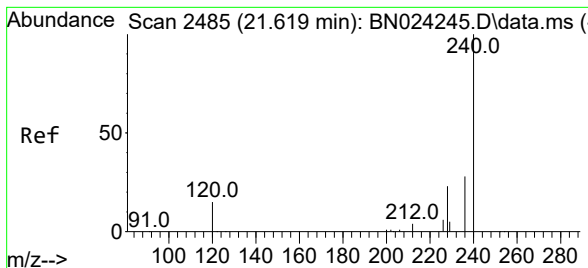
Ion Ratio Lower Upper

212 100

106 21.5 15.4 23.2

104 12.5 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.610 min Scan# 2484

Delta R.T. 0.009 min

Lab File: BN024353.D

Acq: 17 Mar 2023 19:27

Instrument :

BNA_N

ClientSampleId :

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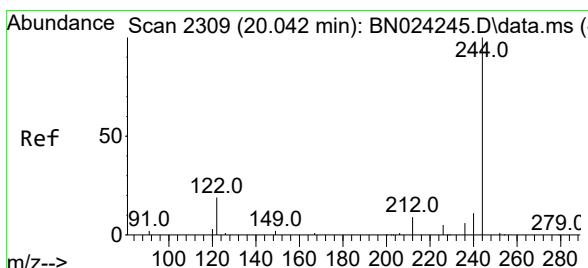
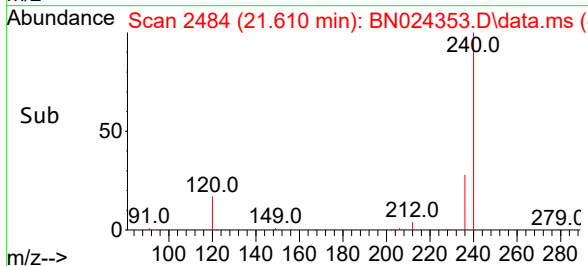
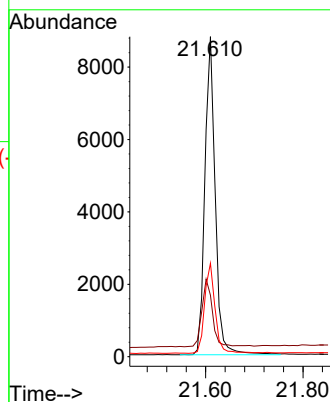
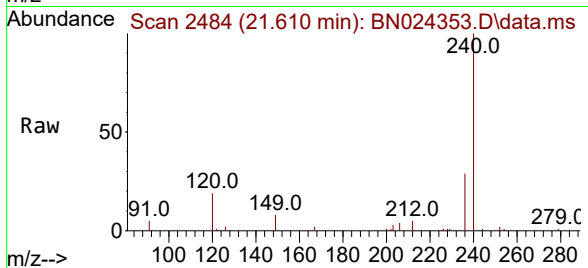
Tgt Ion:240 Resp: 12983

Ion Ratio Lower Upper

240 100

120 19.2 12.8 19.2#

236 29.2 22.5 33.7



#31

Terphenyl-d14

Concen: 0.499 ng

RT: 20.033 min Scan# 2308

Delta R.T. -0.000 min

Lab File: BN024353.D

Acq: 17 Mar 2023 19:27

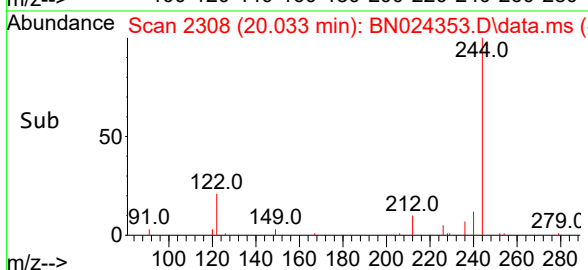
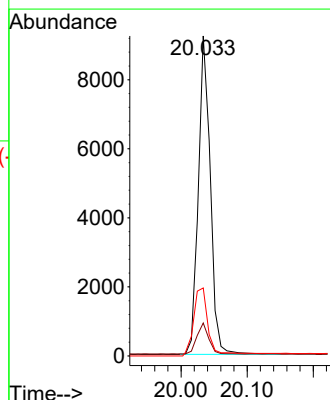
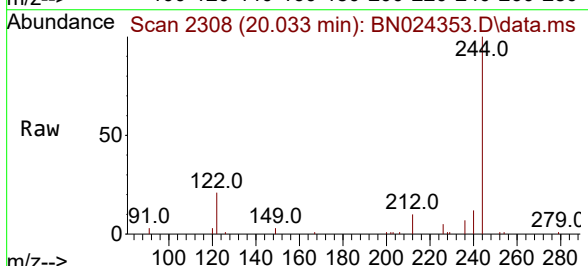
Tgt Ion:244 Resp: 10927

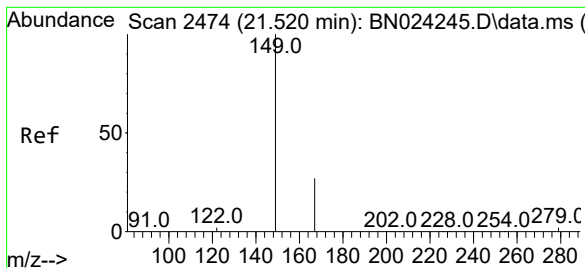
Ion Ratio Lower Upper

244 100

212 10.3 7.6 11.4

122 21.3 15.1 22.7

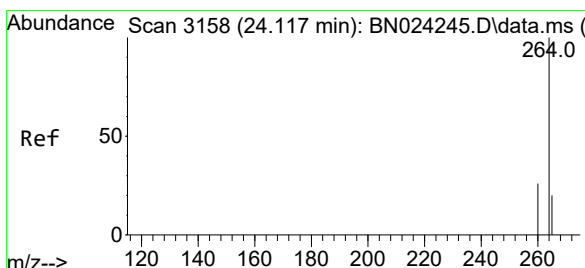
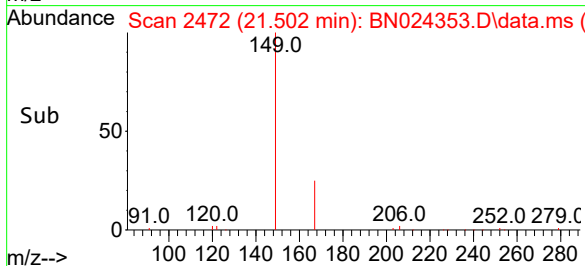
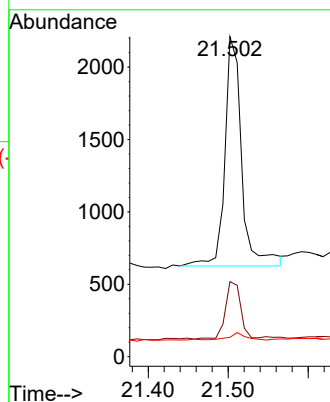
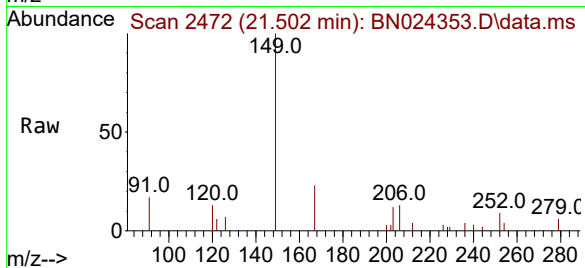




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.113 ng
 RT: 21.502 min Scan# 2474
 Delta R.T. -0.000 min
 Lab File: BN024353.D
 Acq: 17 Mar 2023 19:27

Instrument :
 BNA_N
 ClientSampleId :
 TT14911-20230309

Tgt Ion:149 Resp: 2308
 Ion Ratio Lower Upper
 149 100
 167 22.9 21.2 31.8
 279 3.0 1.8 2.8#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.117 min Scan# 3158
 Delta R.T. 0.003 min
 Lab File: BN024353.D
 Acq: 17 Mar 2023 19:27

Tgt Ion:264 Resp: 9792
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.4 32.2
 265 72.0 35.7 53.5#

