

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050823\
 Data File : BN025357.D
 Acq On : 09 May 2023 06:55
 Operator : CG/JU
 Sample : 02644-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230504

Quant Time: May 09 07:27:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 06:15:50 2023
 Response via : Initial Calibration

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

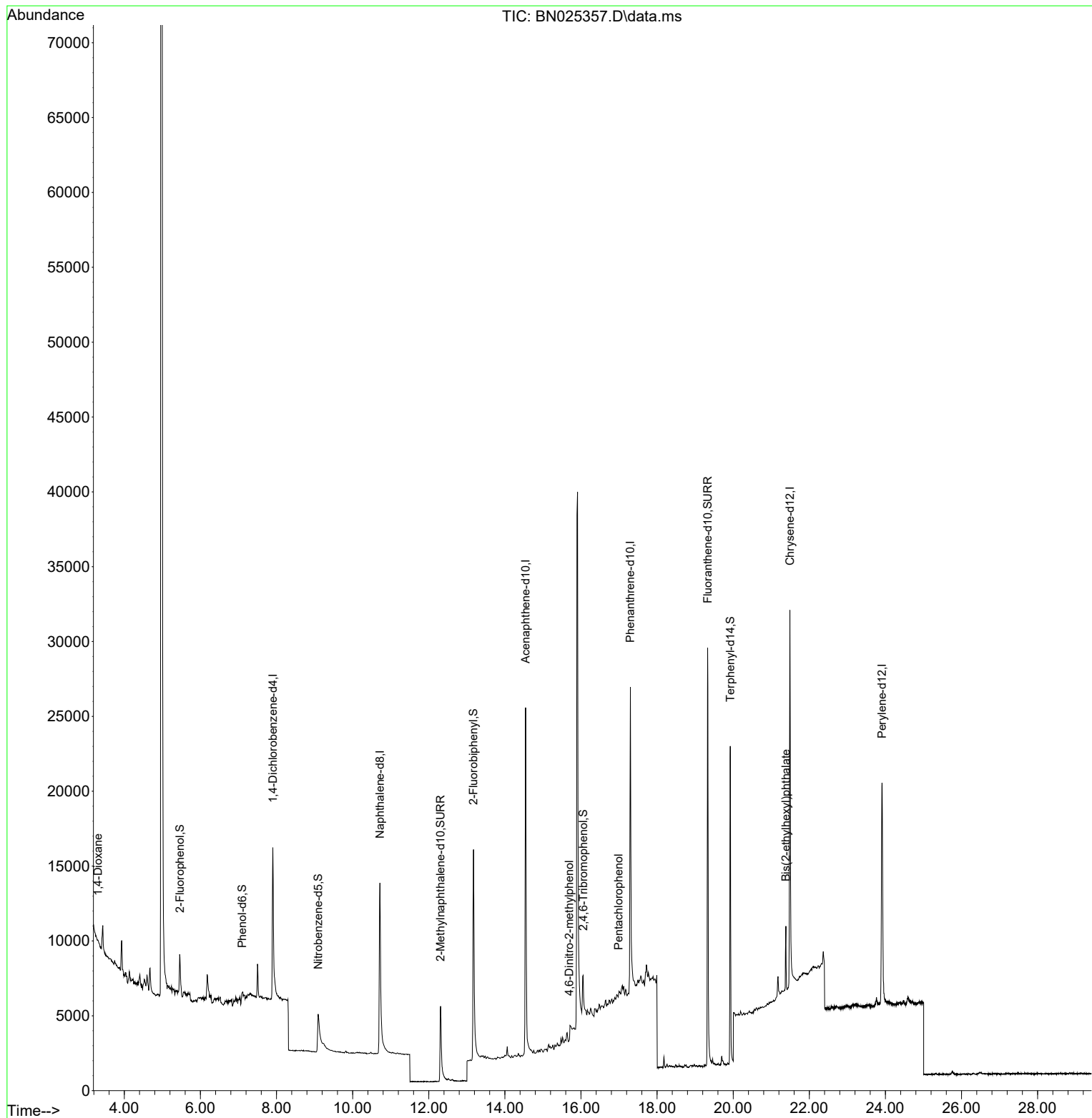
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	7258	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	22776	0.400	ng	0.01
13) Acenaphthene-d10	14.544	164	14619	0.400	ng	0.00
19) Phenanthrene-d10	17.298	188	32657	0.400	ng	# 0.00
29) Chrysene-d12	21.491	240	27704	0.400	ng	0.00
35) Perylene-d12	23.910	264	24005	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	2643	0.150	ng	0.00
5) Phenol-d6	7.095	99	1476	0.067	ng	0.02
8) Nitrobenzene-d5	9.095	82	5226	0.279	ng	0.02
11) 2-Methylnaphthalene-d10	12.309	152	11671	0.375	ng	0.00
14) 2,4,6-Tribromophenol	16.057	330	2356	0.315	ng	0.01
15) 2-Fluorobiphenyl	13.176	172	17036	0.340	ng	0.00
27) Fluoranthene-d10	19.330	212	35146	0.435	ng	0.00
31) Terphenyl-d14	19.924	244	29357	0.526	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	153	0.020	ng	# 67
20) 4,6-Dinitro-2-methylph...	15.688	198	7	0.281	ng	# 1
24) Pentachlorophenol	16.988	266	22	0.269	ng	# 61
34) Bis(2-ethylhexyl)phtha...	21.383	149	4027	0.055	ng	95

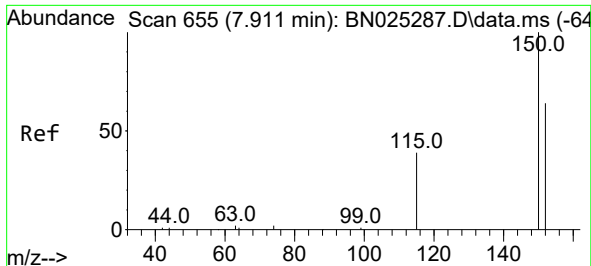
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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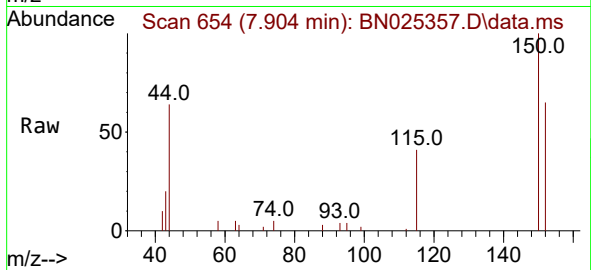
Quant Time: May 09 07:27:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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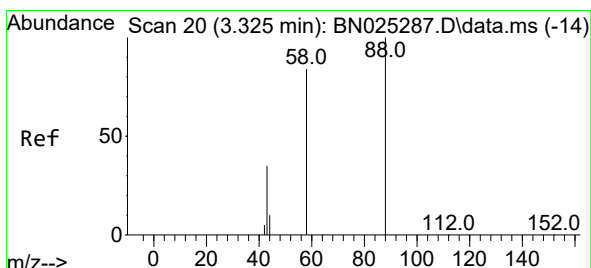
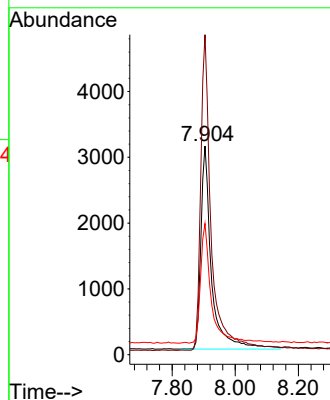
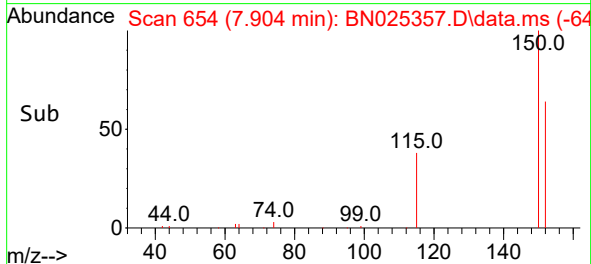
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.904 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN025357.D
 Acq: 09 May 2023 06:55

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230504

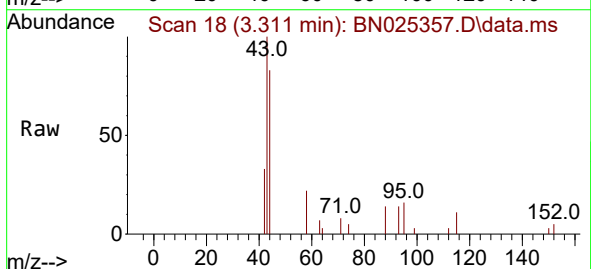


Tgt Ion:152 Resp: 7258

Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.8	185.8
115	62.9	52.9	79.3

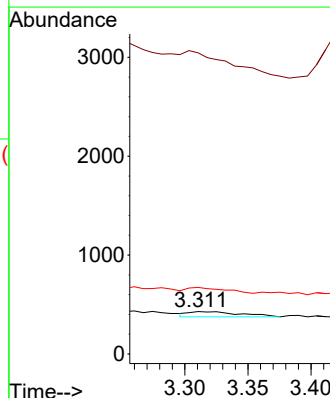
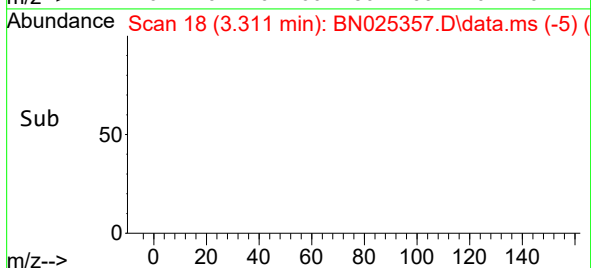


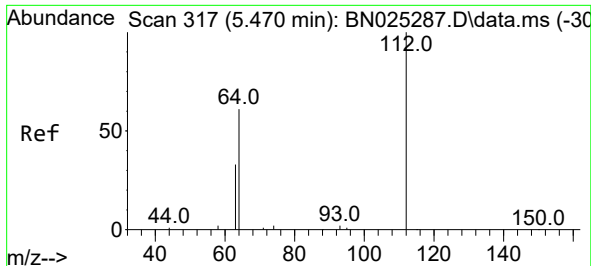
#2
 1,4-Dioxane
 Concen: 0.020 ng
 RT: 3.311 min Scan# 18
 Delta R.T. -0.007 min
 Lab File: BN025357.D
 Acq: 09 May 2023 06:55



Tgt Ion: 88 Resp: 153

Ion	Ratio	Lower	Upper
88	100		
43	0.0	37.2	55.8
58	77.1	71.5	107.3

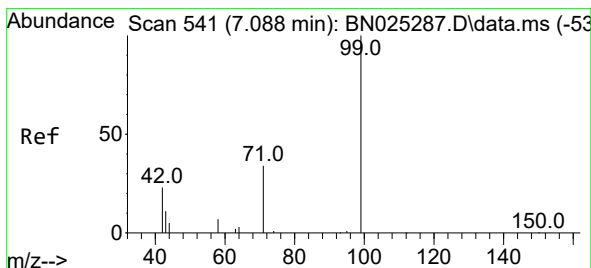
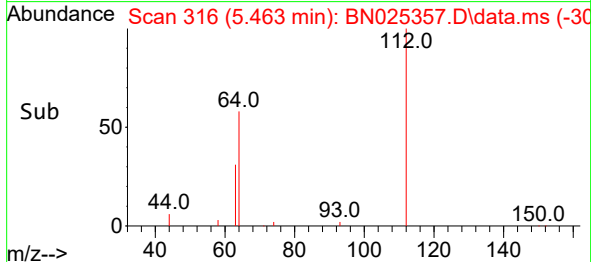
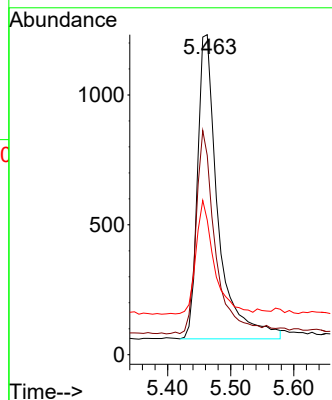
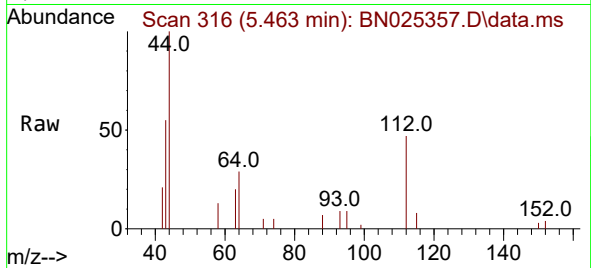




#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.463 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN025357.D
Acq: 09 May 2023 06:55

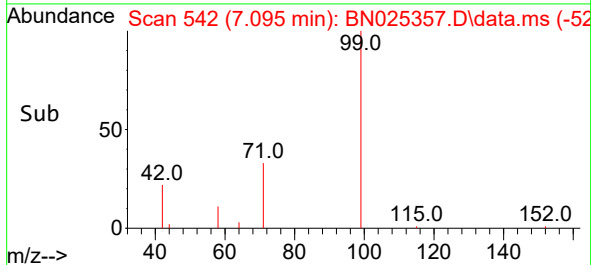
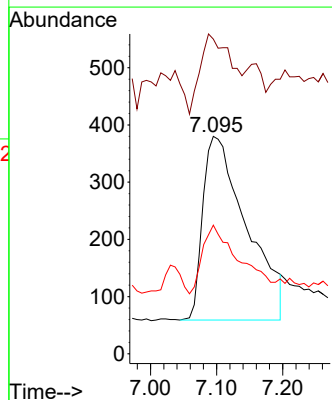
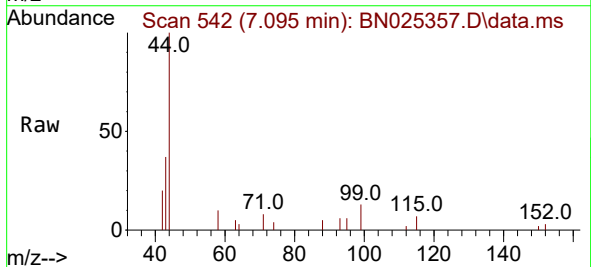
Instrument :
BNA_N
ClientSampleId :
SP-303-20230504

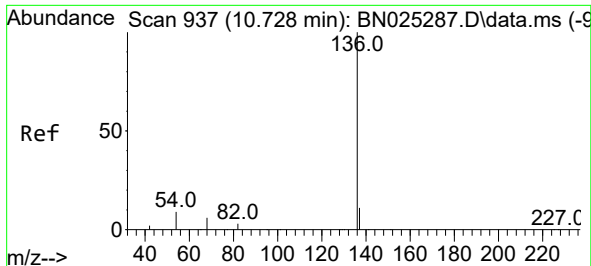
Tgt Ion: 112 Resp: 2643
Ion Ratio Lower Upper
112 100
64 63.7 51.5 77.3
63 33.0 27.8 41.6



#5
Phenol-d6
Concen: 0.067 ng
RT: 7.095 min Scan# 542
Delta R.T. 0.022 min
Lab File: BN025357.D
Acq: 09 May 2023 06:55

Tgt Ion: 99 Resp: 1476
Ion Ratio Lower Upper
99 100
42 31.2 22.0 33.0
71 31.8 28.7 43.1

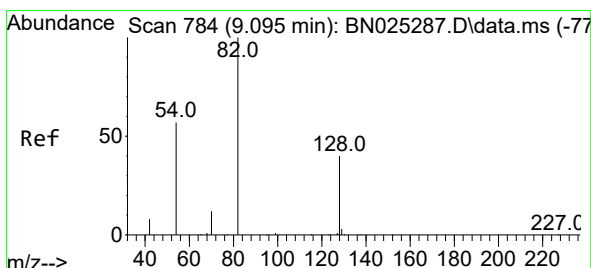
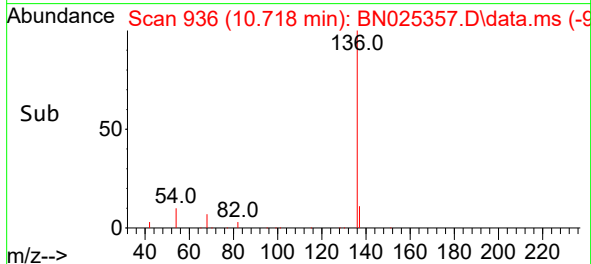
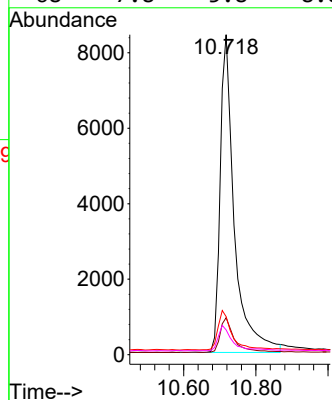
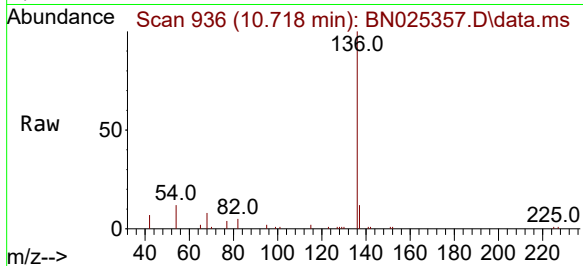




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN025357.D
Acq: 09 May 2023 06:55

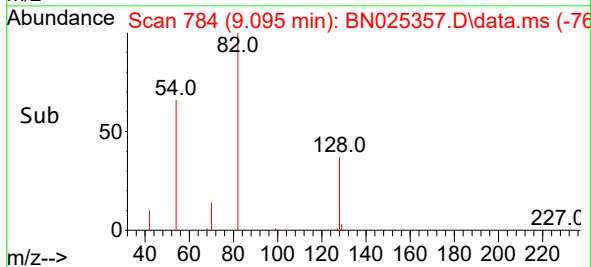
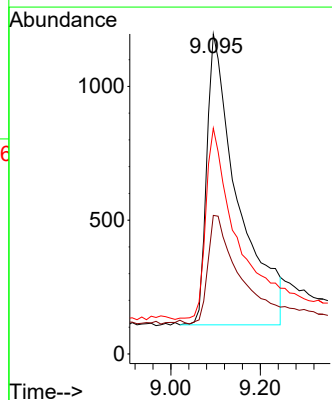
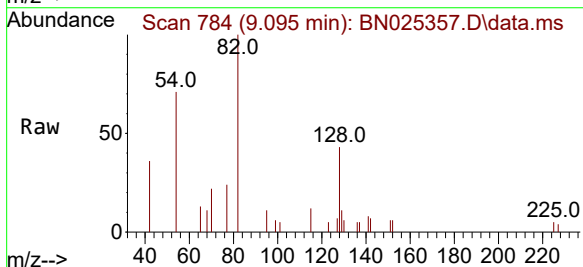
Instrument :
BNA_N
ClientSampleId :
SP-303-20230504

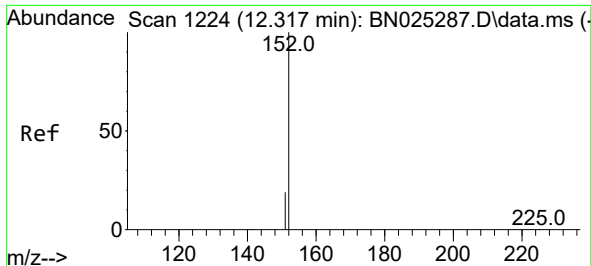
Tgt Ion:	136	Resp:	22776
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.2
54	11.9	8.5	12.7
68	7.8	5.8	8.8



#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 9.095 min Scan# 784
Delta R.T. 0.021 min
Lab File: BN025357.D
Acq: 09 May 2023 06:55

Tgt Ion:	82	Resp:	5226
Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.3	52.9
54	70.6	48.7	73.1





#11

2-Methylnaphthalene-d10

Concen: 0.375 ng

RT: 12.309 min Scan# 11

Delta R.T. 0.008 min

Lab File: BN025357.D

Acq: 09 May 2023 06:55

Instrument :

BNA_N

ClientSampleId :

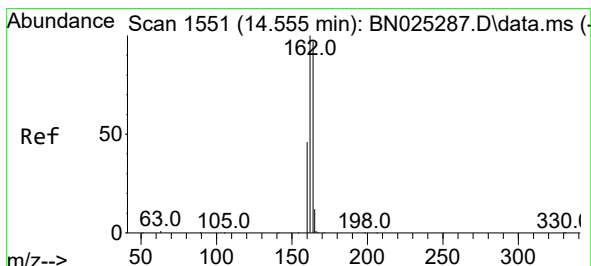
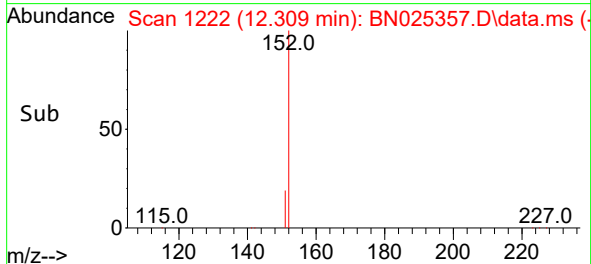
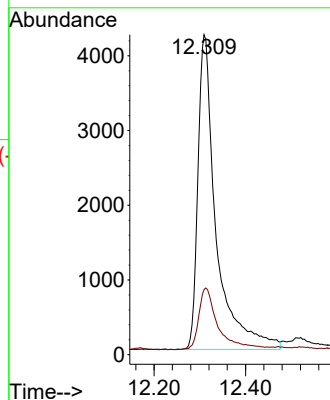
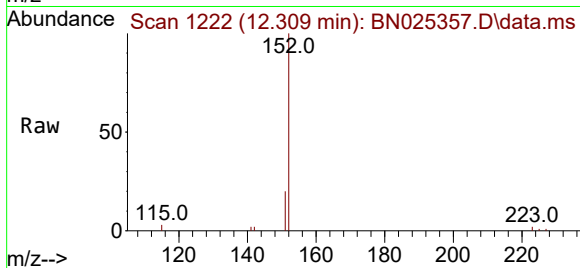
SP-303-20230504

Tgt Ion:152 Resp: 11671

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.544 min Scan# 1550

Delta R.T. 0.000 min

Lab File: BN025357.D

Acq: 09 May 2023 06:55

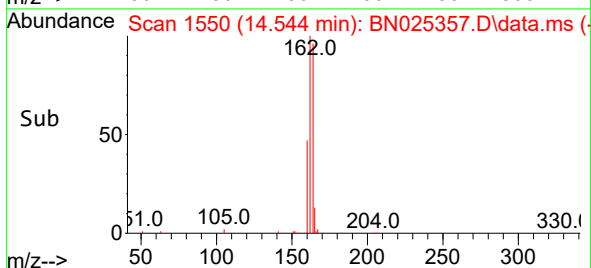
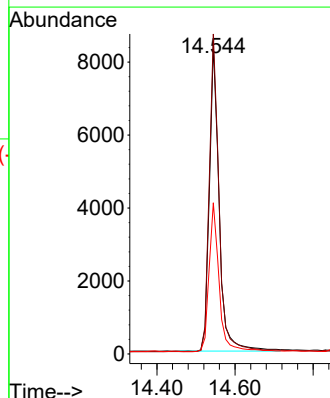
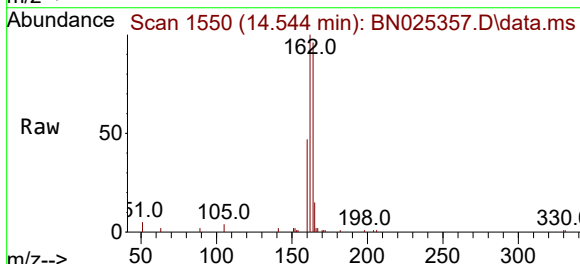
Tgt Ion:164 Resp: 14619

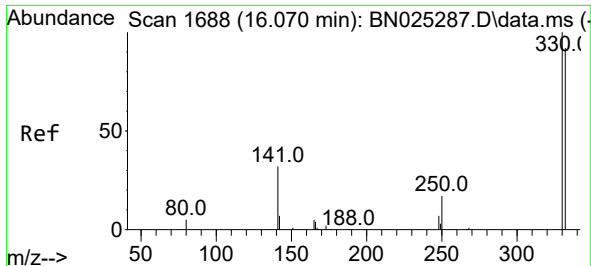
Ion Ratio Lower Upper

164 100

162 103.8 82.1 123.1

160 49.1 38.3 57.5

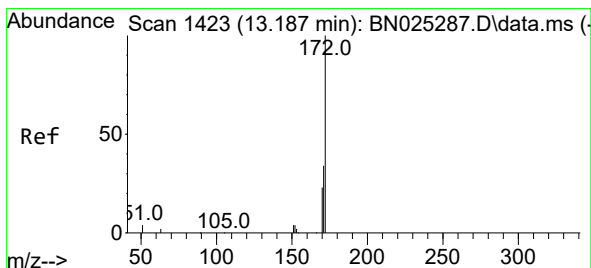
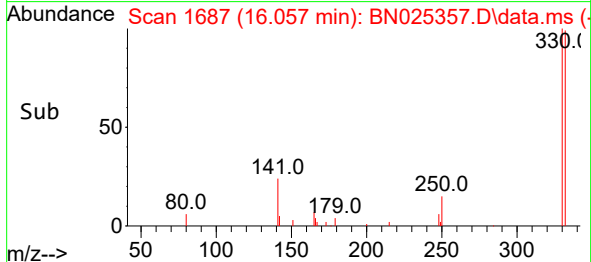
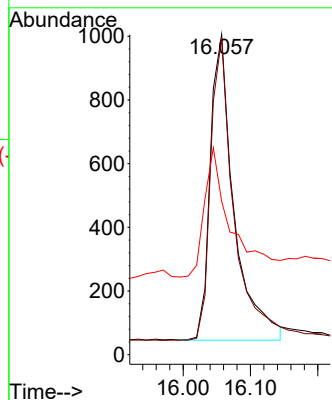
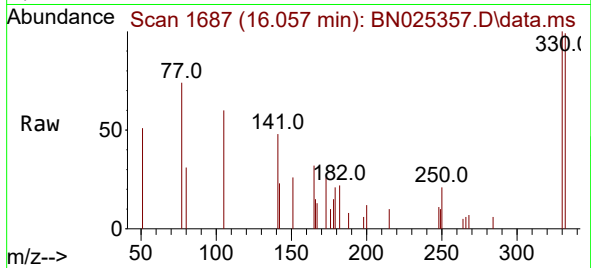




#14
2,4,6-Tribromophenol
Concen: 0.315 ng
RT: 16.057 min Scan# 1
Delta R.T. 0.013 min
Lab File: BN025357.D
Acq: 09 May 2023 06:55

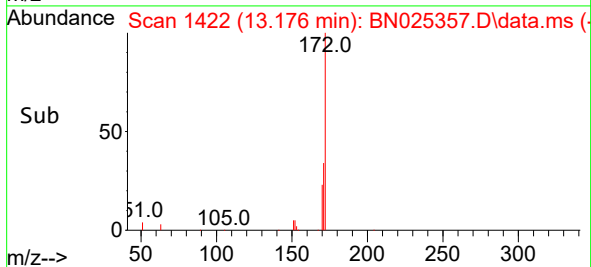
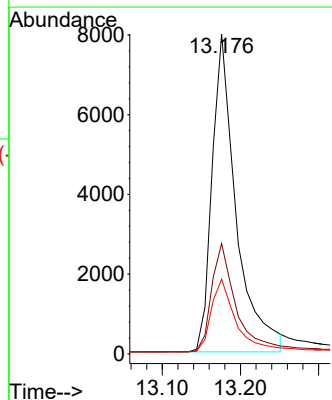
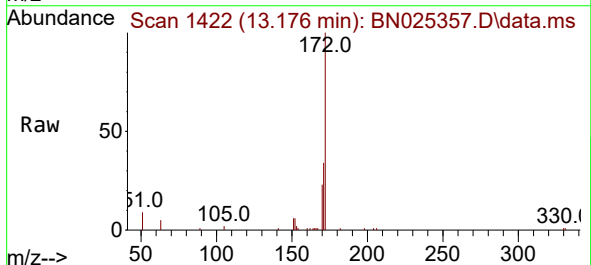
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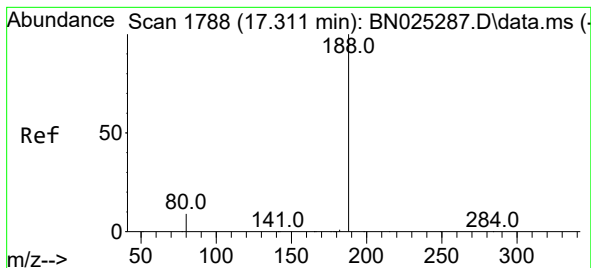
Tgt Ion:330 Resp: 2356
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 48.8 28.9 43.3#



#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 13.176 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN025357.D
Acq: 09 May 2023 06:55

Tgt Ion:172 Resp: 17036
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 23.4 19.0 28.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.298 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN025357.D

Acq: 09 May 2023 06:55

Instrument :

BNA_N

ClientSampleId :

SP-303-20230504

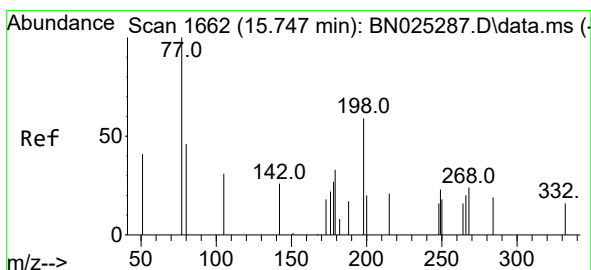
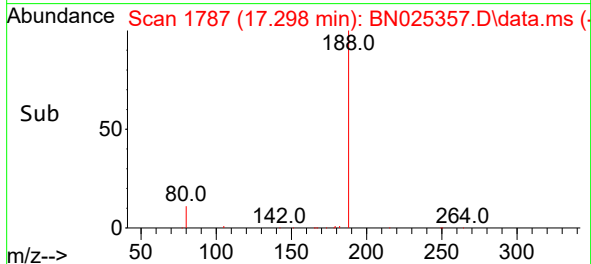
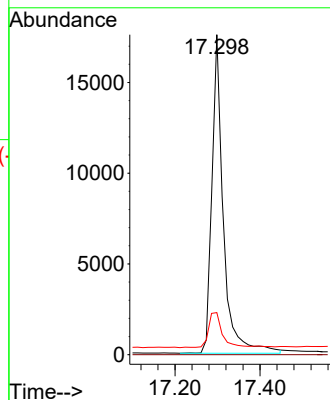
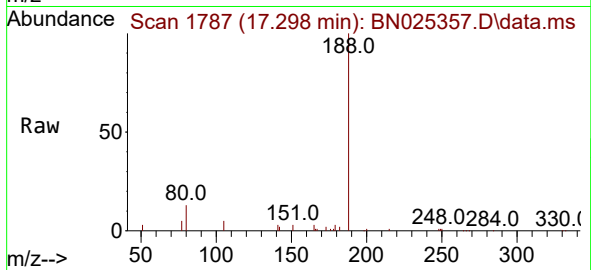
Tgt Ion:188 Resp: 32657

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.1 8.0 12.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.281 ng

RT: 15.688 min Scan# 1657

Delta R.T. -0.034 min

Lab File: BN025357.D

Acq: 09 May 2023 06:55

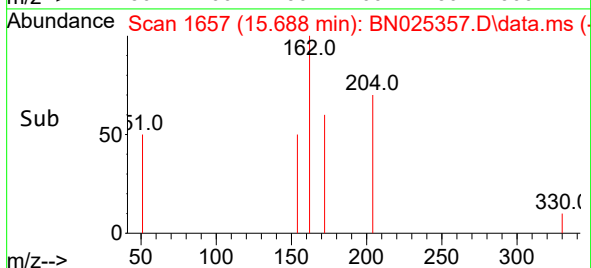
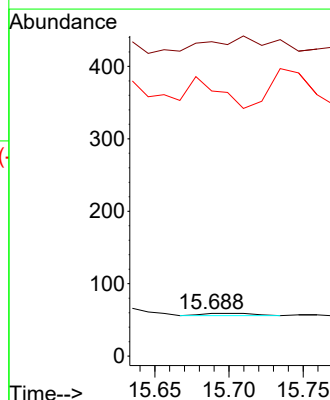
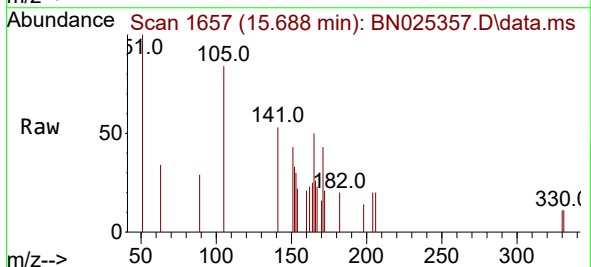
Tgt Ion:198 Resp: 7

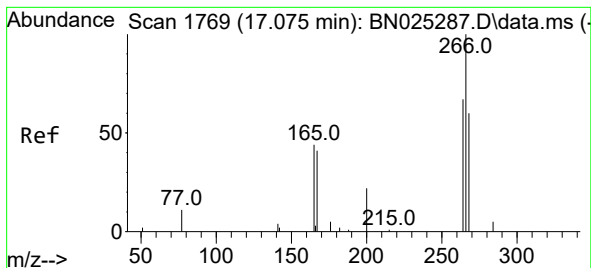
Ion Ratio Lower Upper

198 100

51 735.6 162.1 243.1#

105 620.3 83.1 124.7#





#24

Pentachlorophenol

Concen: 0.269 ng

RT: 16.988 min Scan# 11

Delta R.T. 0.025 min

Lab File: BN025357.D

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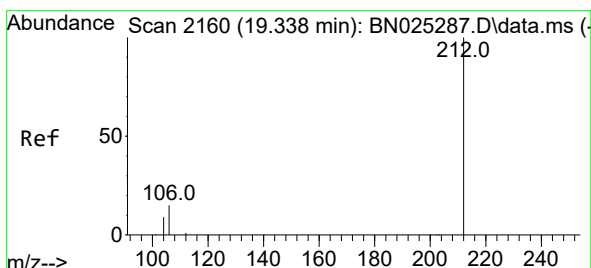
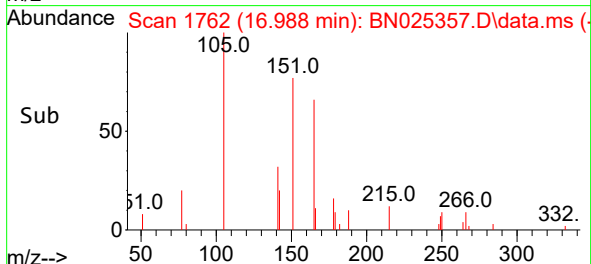
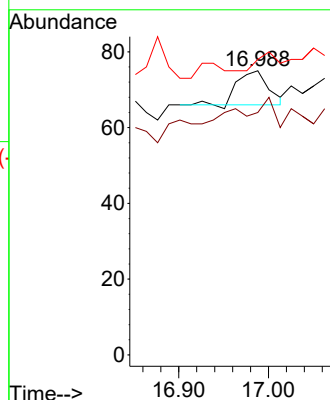
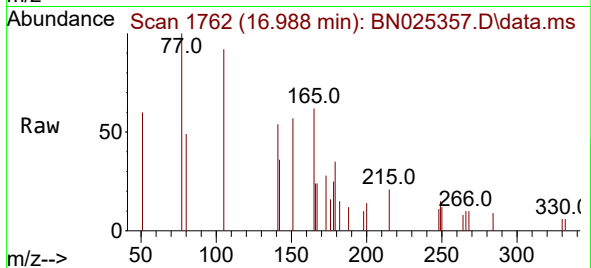
Tgt Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

264 0.0 43.0 64.4#

268 54.5 47.4 71.2



#27

Fluoranthene-d10

Concen: 0.435 ng

RT: 19.330 min Scan# 2158

Delta R.T. 0.000 min

Lab File: BN025357.D

Acq: 09 May 2023 06:55

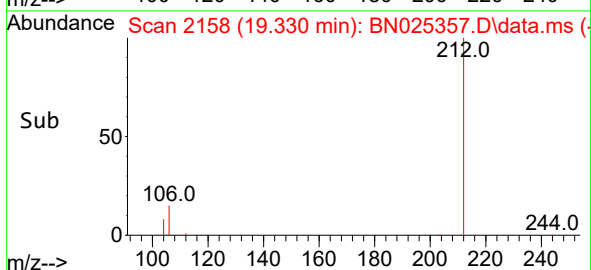
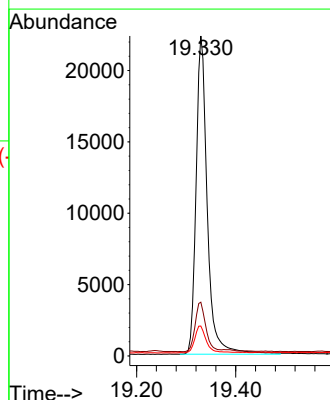
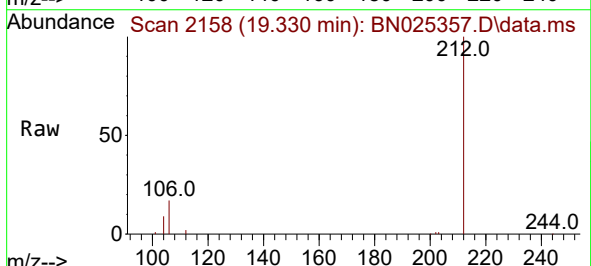
Tgt Ion:212 Resp: 35146

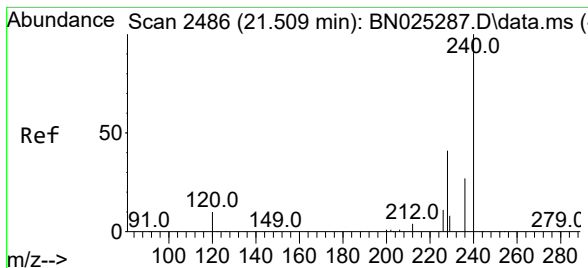
Ion Ratio Lower Upper

212 100

106 14.8 12.6 19.0

104 8.8 7.0 10.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.491 min Scan# 2486

Delta R.T. 0.005 min

Lab File: BN025357.D

Acq: 09 May 2023 06:55

Instrument :

BNA_N

ClientSampleId :

SP-303-20230504

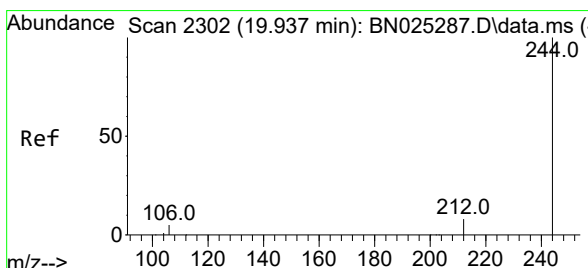
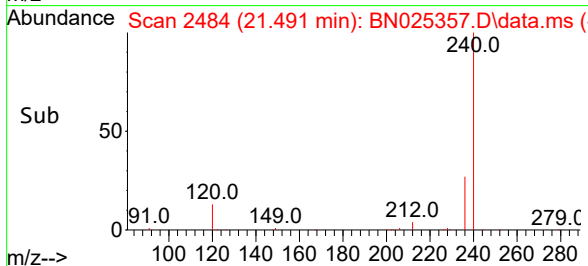
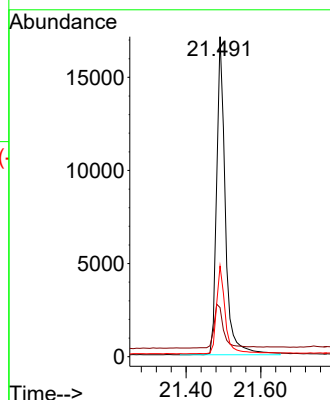
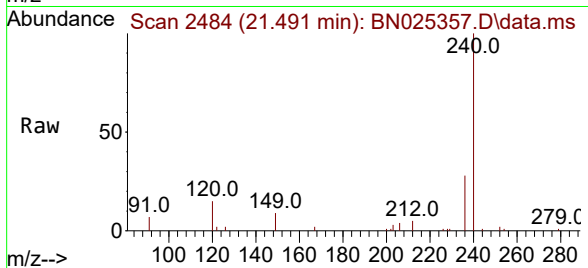
Tgt Ion:240 Resp: 27704

Ion Ratio Lower Upper

240 100

120 15.4 10.3 15.5

236 28.3 22.3 33.5



#31

Terphenyl-d14

Concen: 0.526 ng

RT: 19.924 min Scan# 2299

Delta R.T. 0.000 min

Lab File: BN025357.D

Acq: 09 May 2023 06:55

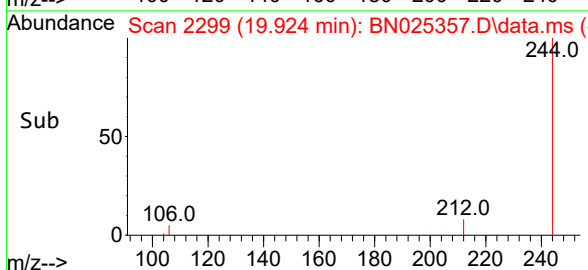
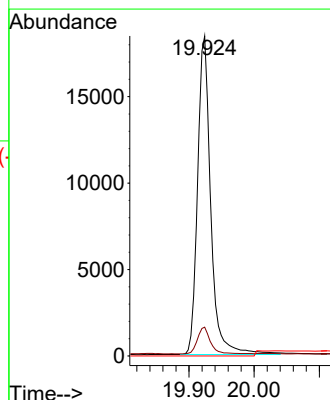
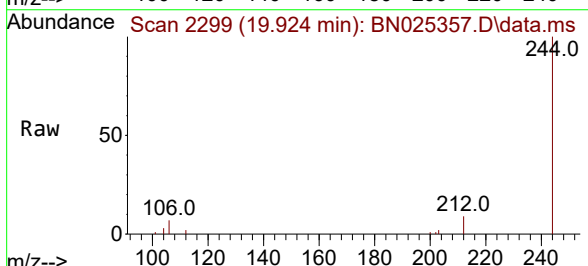
Tgt Ion:244 Resp: 29357

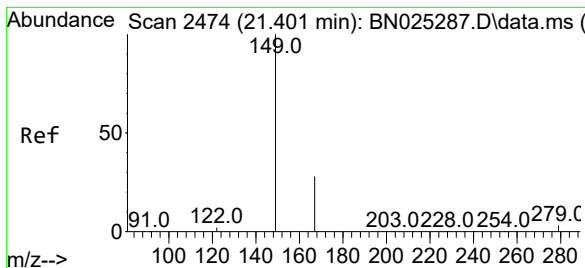
Ion Ratio Lower Upper

244 100

212 9.0 7.1 10.7

122 0.0 0.0 0.0

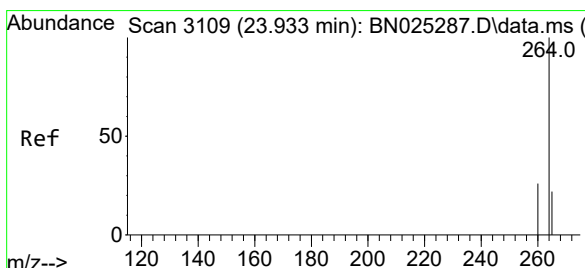
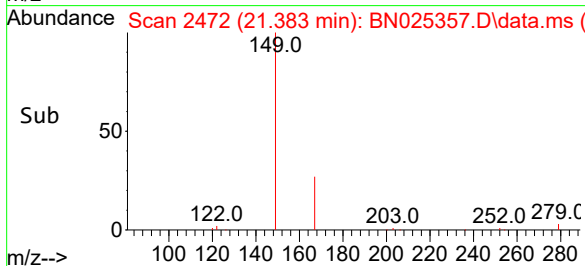
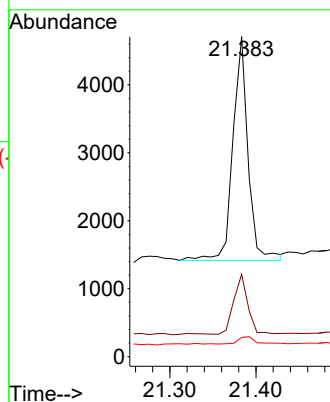
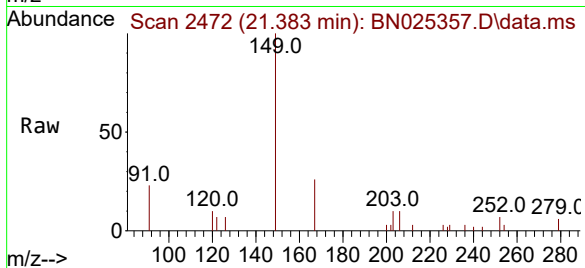




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.055 ng
 RT: 21.383 min Scan# 2474
 Delta R.T. 0.005 min
 Lab File: BN025357.D
 Acq: 09 May 2023 06:55

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20230504

Tgt Ion:149 Resp: 4027
 Ion Ratio Lower Upper
 149 100
 167 24.9 22.2 33.4
 279 3.8 2.6 4.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.910 min Scan# 3101
 Delta R.T. -0.001 min
 Lab File: BN025357.D
 Acq: 09 May 2023 06:55

Tgt Ion:264 Resp: 24005
 Ion Ratio Lower Upper
 264 100
 260 25.8 21.5 32.3
 265 51.6 46.2 69.4

