

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050923\
 Data File : BN025363.D
 Acq On : 09 May 2023 12:41
 Operator : CG/JU
 Sample : 02644-01DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230504DL

Quant Time: May 10 03:57:58 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 10:18:02 2023
 Response via : Initial Calibration

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

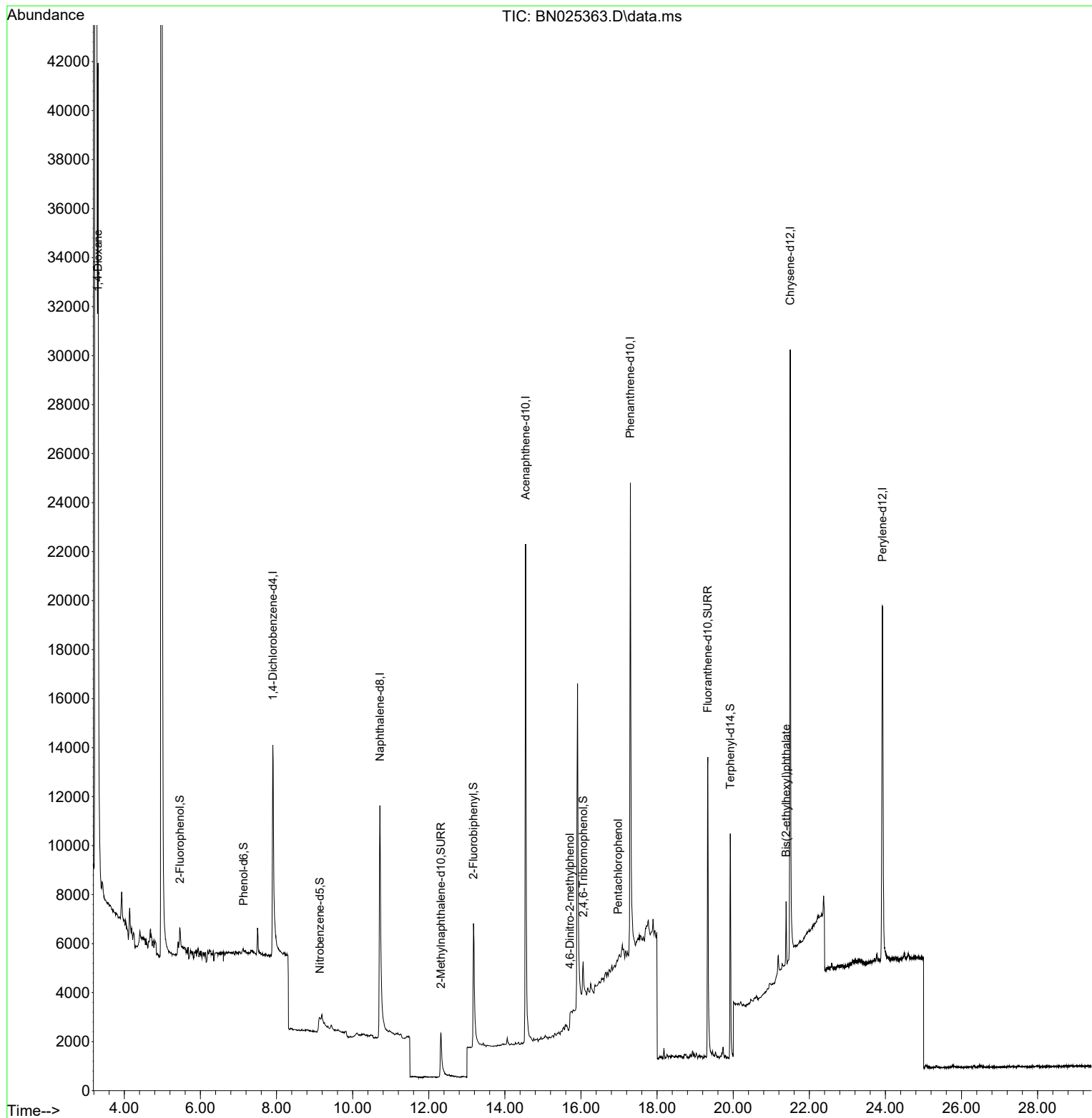
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	6885	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	20231	0.400	ng	0.01
13) Acenaphthene-d10	14.544	164	13709	0.400	ng	0.00
19) Phenanthrene-d10	17.299	188	31694	0.400	ng	# 0.00
29) Chrysene-d12	21.500	240	26383	0.400	ng	0.01
35) Perylene-d12	23.925	264	22811	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	1146	0.068	ng	0.00
5) Phenol-d6	7.131	99	516	0.025	ng	0.06
8) Nitrobenzene-d5	9.138	82	1694	0.102	ng	0.06
11) 2-Methylnaphthalene-d10	12.317	152	4930	0.178	ng	0.02
14) 2,4,6-Tribromophenol	16.057	330	1179	0.168	ng	0.01
15) 2-Fluorobiphenyl	13.176	172	6902	0.147	ng	0.00
27) Fluoranthene-d10	19.334	212	16087	0.205	ng	0.00
31) Terphenyl-d14	19.924	244	13740	0.258	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.311	88	17071	2.361	ng	Qvalue 95
20) 4,6-Dinitro-2-methylph...	15.710	198	11	0.282	ng	# 1
24) Pentachlorophenol	16.976	266	50	0.273	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.392	149	2248	0.032	ng	# 99

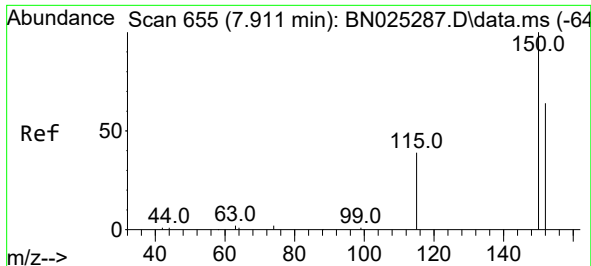
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050923\
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SP-100-20230504DL

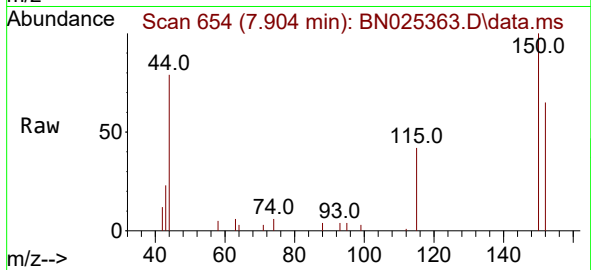
Quant Time: May 10 03:57:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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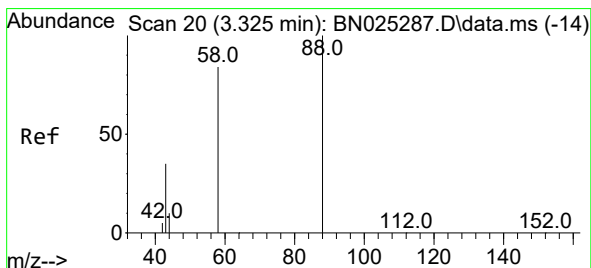
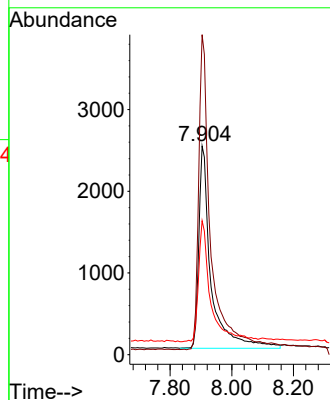
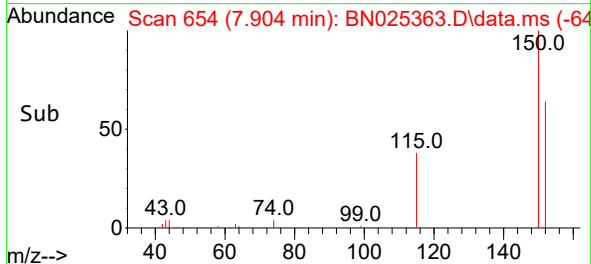


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.904 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN025363.D
 Acq: 09 May 2023 12:41

Instrument :
 BNA_N
 ClientSampleId :
 SP-100-20230504DL

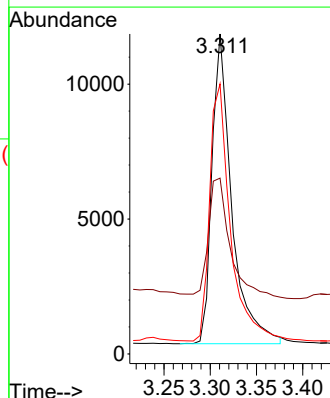
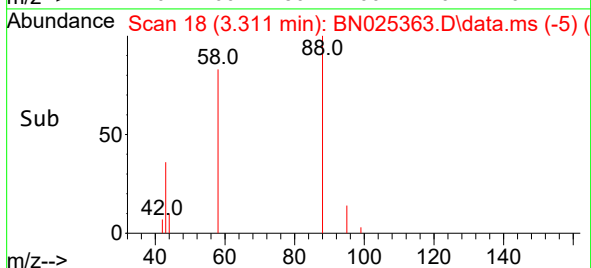
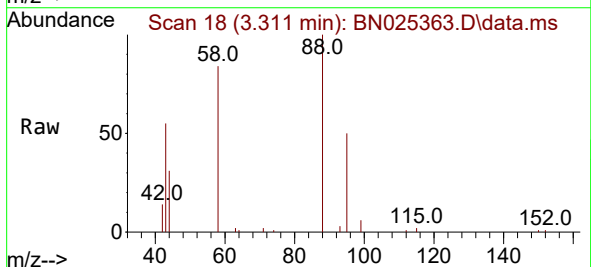


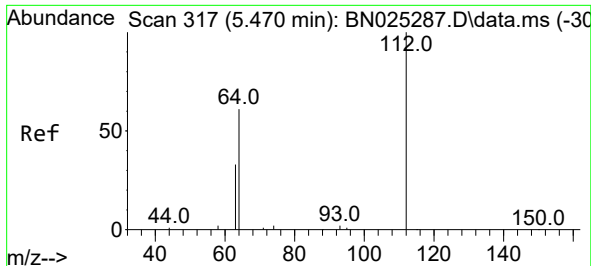
Tgt Ion:152 Resp: 6885
 Ion Ratio Lower Upper
 152 100
 150 153.4 123.8 185.8
 115 64.2 52.9 79.3



#2
 1,4-Dioxane
 Concen: 2.361 ng
 RT: 3.311 min Scan# 18
 Delta R.T. -0.007 min
 Lab File: BN025363.D
 Acq: 09 May 2023 12:41

Tgt Ion: 88 Resp: 17071
 Ion Ratio Lower Upper
 88 100
 43 41.4 37.2 55.8
 58 86.4 71.5 107.3

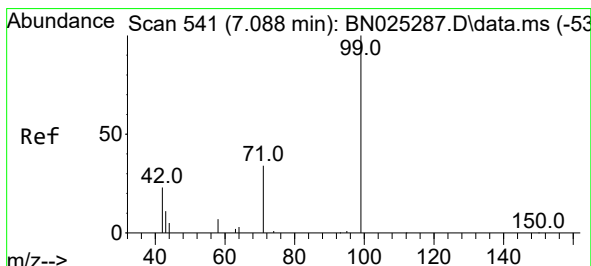
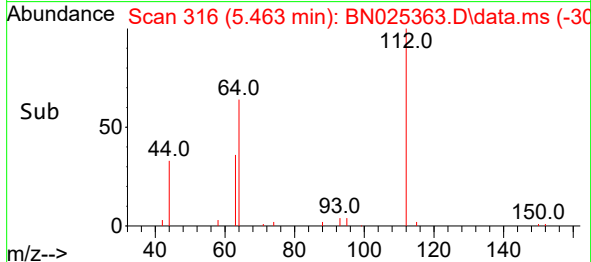
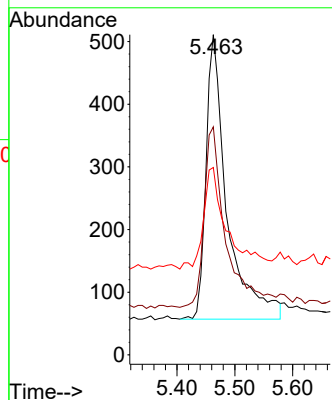
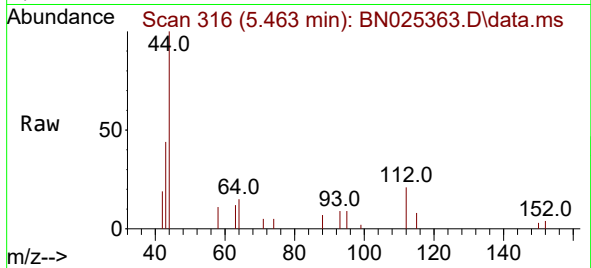




#4
2-Fluorophenol
Concen: 0.068 ng
RT: 5.463 min Scan# 317
Delta R.T. 0.007 min
Lab File: BN025363.D
Acq: 09 May 2023 12:41

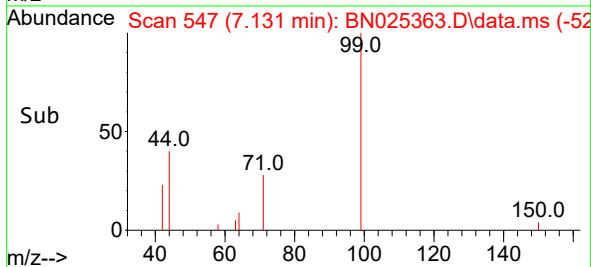
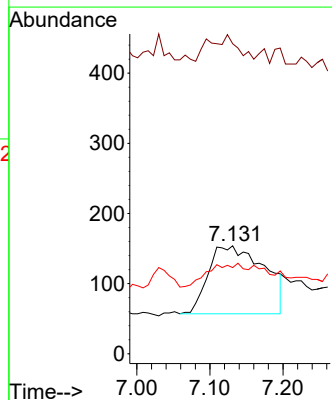
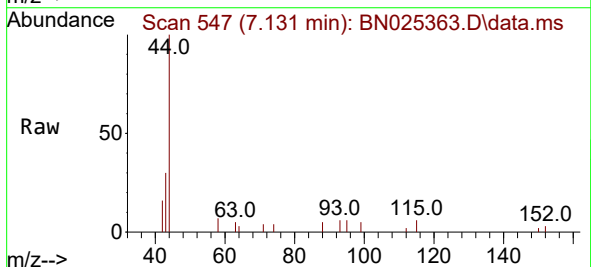
Instrument :
BNA_N
ClientSampleId :
SP-100-20230504DL

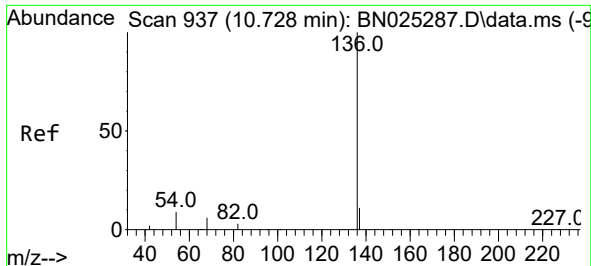
Tgt Ion:112 Resp: 1146
Ion Ratio Lower Upper
112 100
64 65.5 51.5 77.3
63 40.1 27.8 41.6



#5
Phenol-d6
Concen: 0.025 ng
RT: 7.131 min Scan# 547
Delta R.T. 0.058 min
Lab File: BN025363.D
Acq: 09 May 2023 12:41

Tgt Ion: 99 Resp: 516
Ion Ratio Lower Upper
99 100
42 0.0 22.0 33.0#
71 22.1 28.7 43.1#

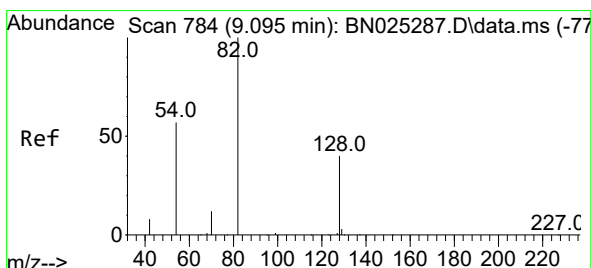
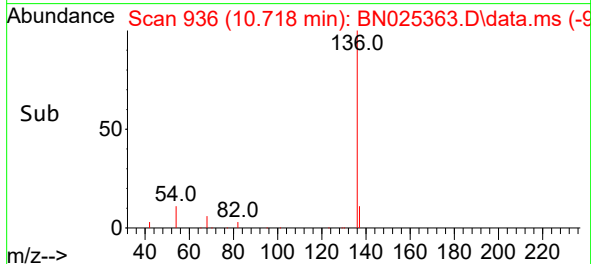
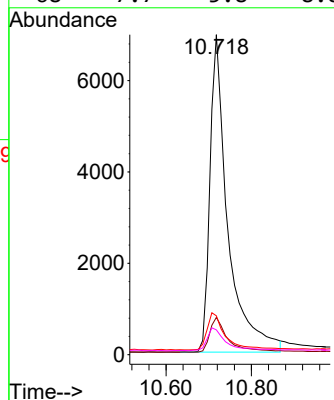
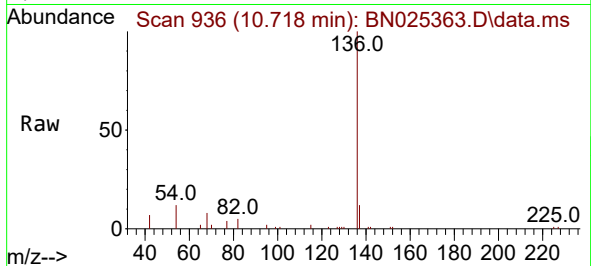




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 91
Delta R.T. 0.011 min
Lab File: BN025363.D
Acq: 09 May 2023 12:41

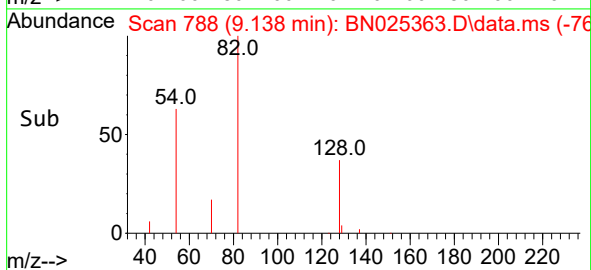
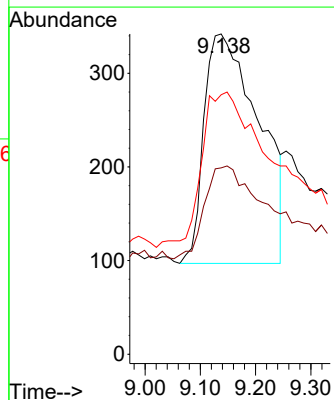
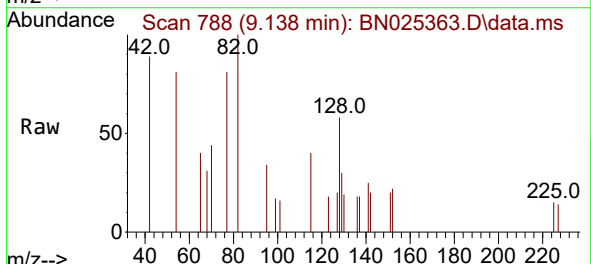
Instrument :
BNA_N
ClientSampleId :
SP-100-20230504DL

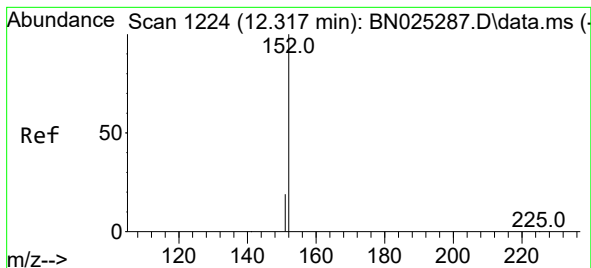
Tgt Ion:	136	Resp:	20231
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.4	14.2
54	12.1	8.5	12.7
68	7.7	5.8	8.8



#8
Nitrobenzene-d5
Concen: 0.102 ng
RT: 9.138 min Scan# 788
Delta R.T. 0.064 min
Lab File: BN025363.D
Acq: 09 May 2023 12:41

Tgt Ion:	82	Resp:	1694
Ion Ratio	Lower	Upper	
82	100		
128	58.2	35.3	52.9#
54	81.0	48.7	73.1#

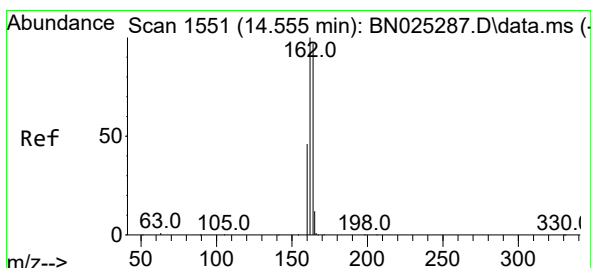
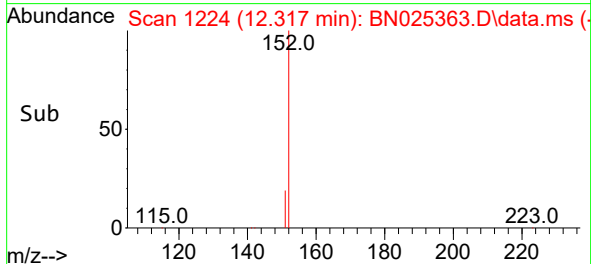
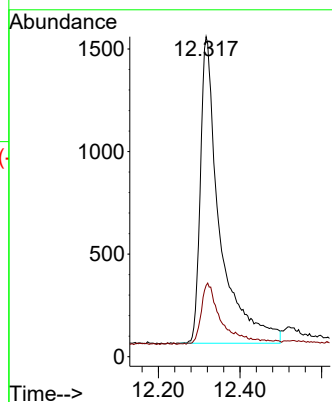
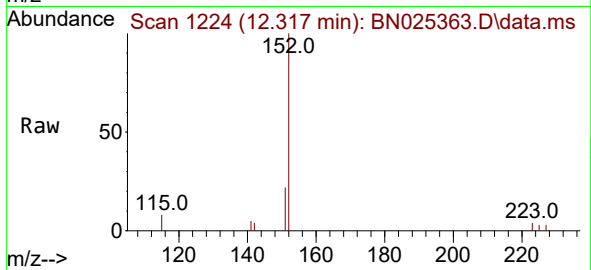




#11
2-Methylnaphthalene-d10
Concen: 0.178 ng
RT: 12.317 min Scan# 11
Delta R.T. 0.015 min
Lab File: BN025363.D
Acq: 09 May 2023 12:41

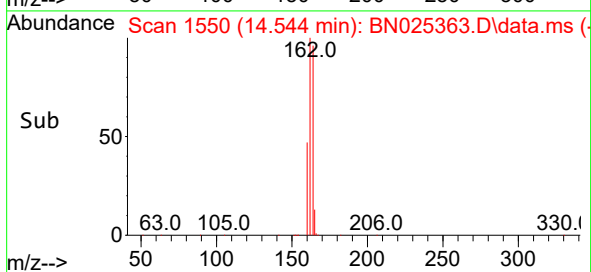
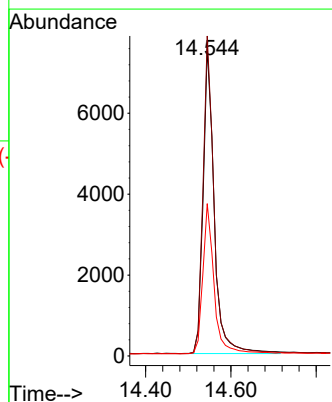
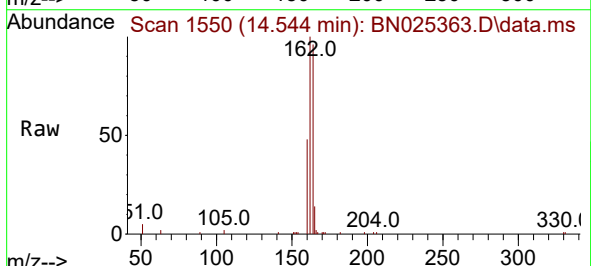
Instrument :
BNA_N
ClientSampleId :
SP-100-20230504DL

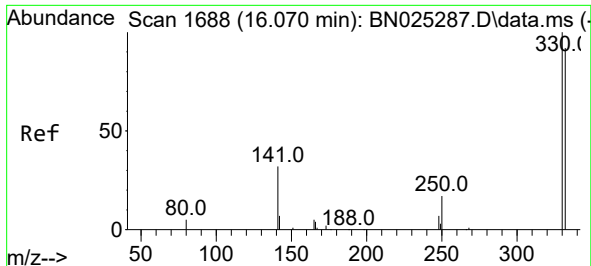
Tgt Ion:152 Resp: 4930
Ion Ratio Lower Upper
152 100
151 19.7 16.4 24.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.544 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN025363.D
Acq: 09 May 2023 12:41

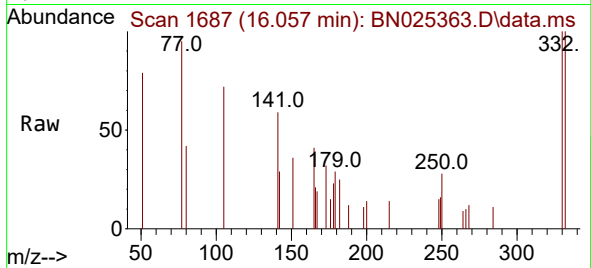
Tgt Ion:164 Resp: 13709
Ion Ratio Lower Upper
164 100
162 104.0 82.1 123.1
160 49.5 38.3 57.5



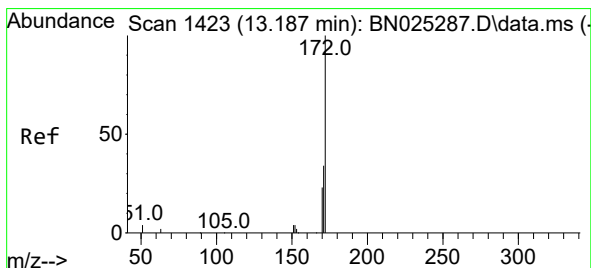
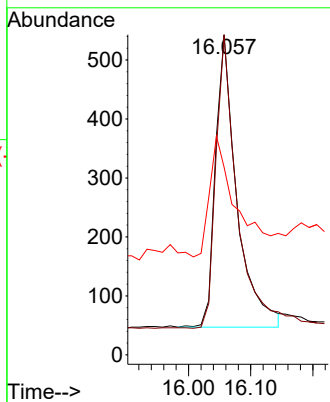
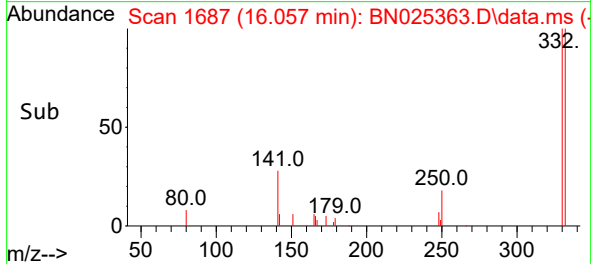


#14
2,4,6-Tribromophenol
Concen: 0.168 ng
RT: 16.057 min Scan# 1179
Delta R.T. 0.013 min
Lab File: BN025363.D
Acq: 09 May 2023 12:41

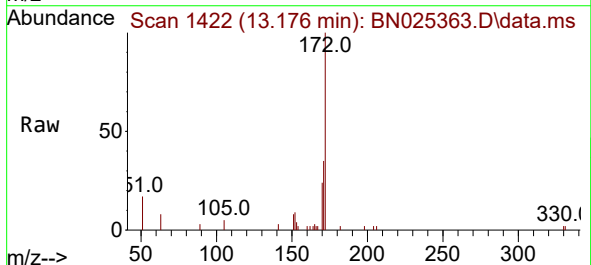
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BNA_N
ClientSampleId :
SP-100-20230504DL



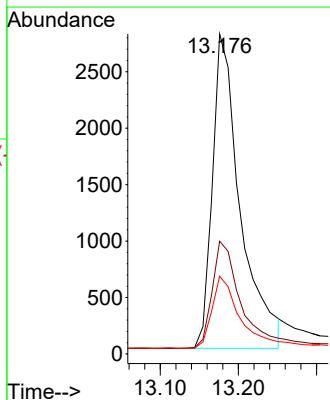
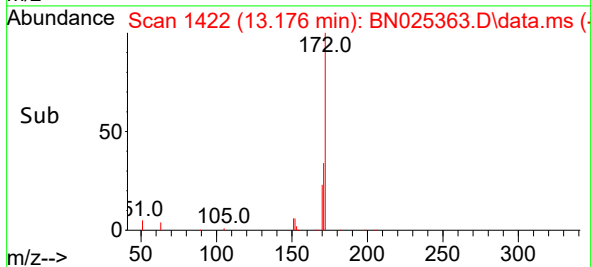
Tgt Ion:330 Resp: 1179
Ion Ratio Lower Upper
330 100
332 99.4 77.4 116.0
141 51.8 28.9 43.3#

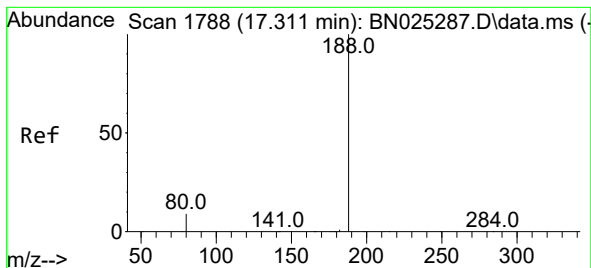


#15
2-Fluorobiphenyl
Concen: 0.147 ng
RT: 13.176 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN025363.D
Acq: 09 May 2023 12:41



Tgt Ion:172 Resp: 6902
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 24.3 19.0 28.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.299 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN025363.D

Acq: 09 May 2023 12:41

Instrument :

BNA_N

ClientSampleId :

SP-100-20230504DL

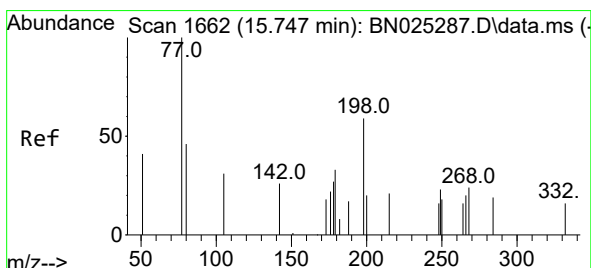
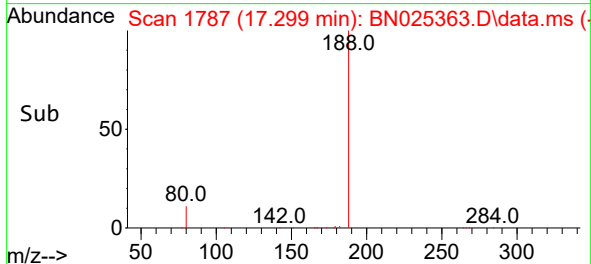
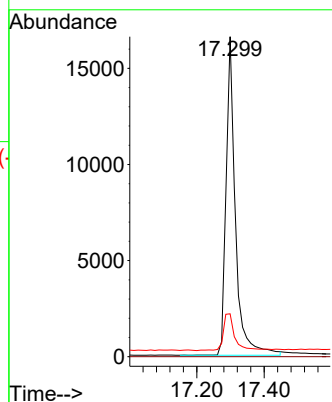
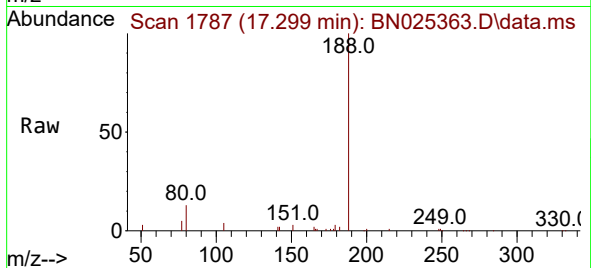
Tgt Ion:188 Resp: 31694

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.4 8.0 12.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.282 ng

RT: 15.710 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BN025363.D

Acq: 09 May 2023 12:41

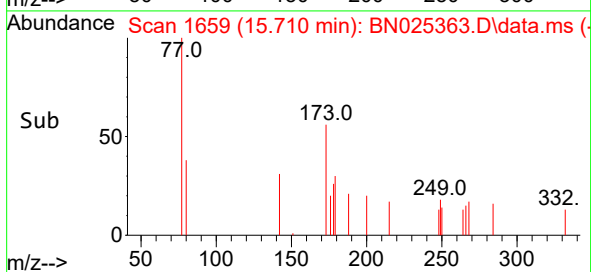
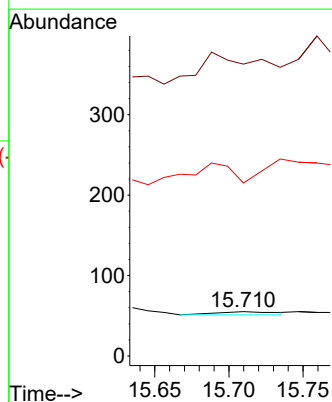
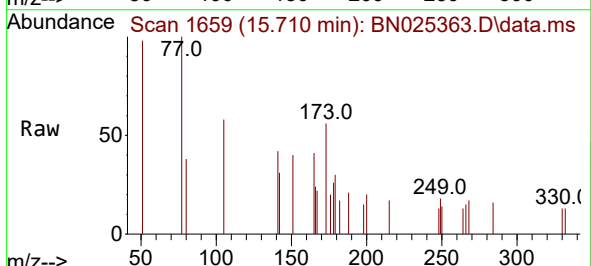
Tgt Ion:198 Resp: 11

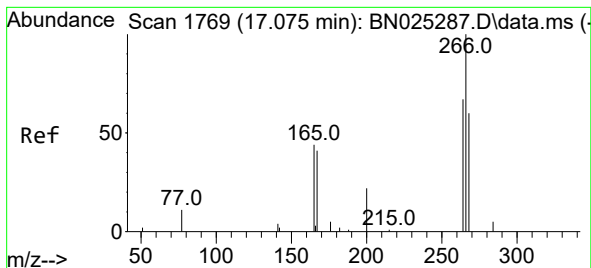
Ion Ratio Lower Upper

198 100

51 660.0 162.1 243.1#

105 390.9 83.1 124.7#





#24

Pentachlorophenol

Concen: 0.273 ng

RT: 16.976 min Scan# 11

Delta R.T. 0.013 min

Lab File: BN025363.D

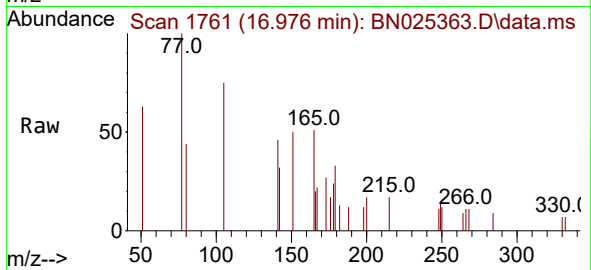
Acq: 09 May 2023 12:41

Instrument :

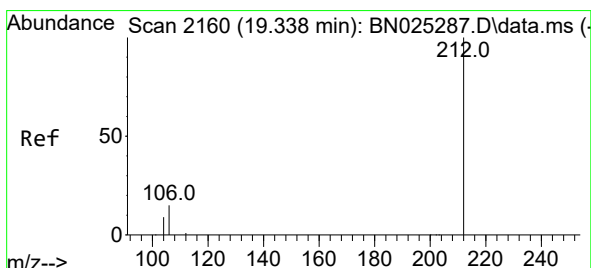
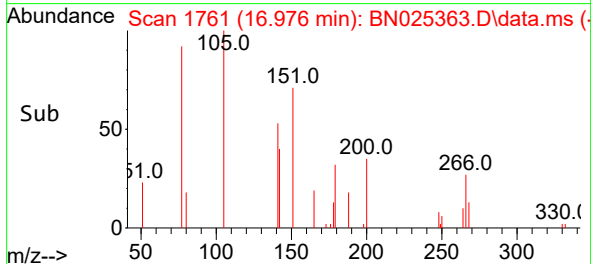
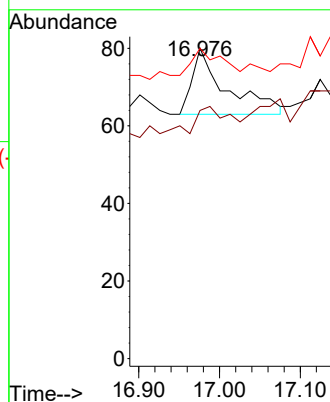
BNA_N

ClientSampleId :

SP-100-20230504DL



Tgt Ion:	266	Resp:	50
Ion Ratio	Lower	Upper	
266	100		
264	60.0	43.0	64.4
268	34.0	47.4	71.2#



#27

Fluoranthene-d10

Concen: 0.205 ng

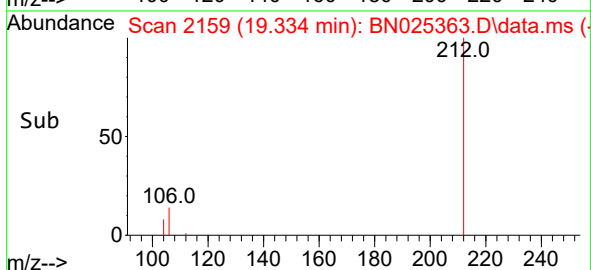
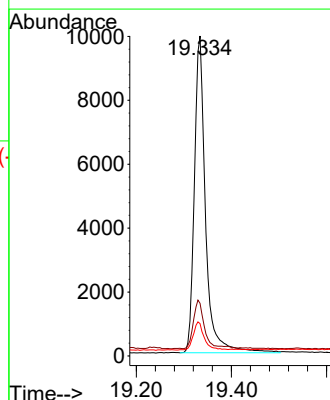
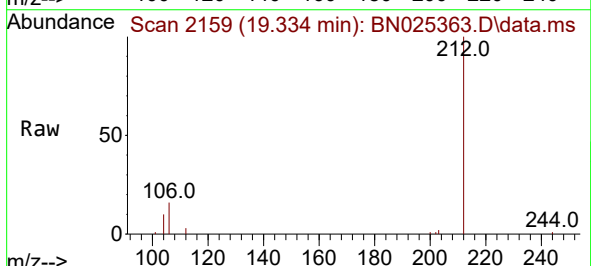
RT: 19.334 min Scan# 2159

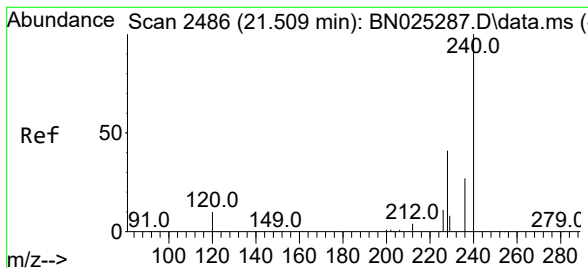
Delta R.T. 0.004 min

Lab File: BN025363.D

Acq: 09 May 2023 12:41

Tgt Ion:	212	Resp:	16087
Ion Ratio	Lower	Upper	
212	100		
106	15.4	12.6	19.0
104	8.7	7.0	10.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.500 min Scan# 2486

Delta R.T. 0.014 min

Lab File: BN025363.D

Acq: 09 May 2023 12:41

Instrument :

BNA_N

ClientSampleId :

SP-100-20230504DL

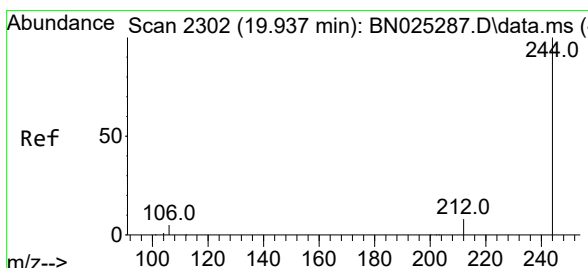
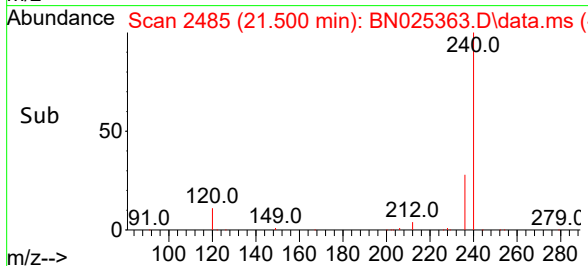
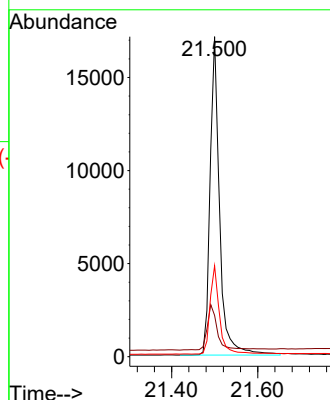
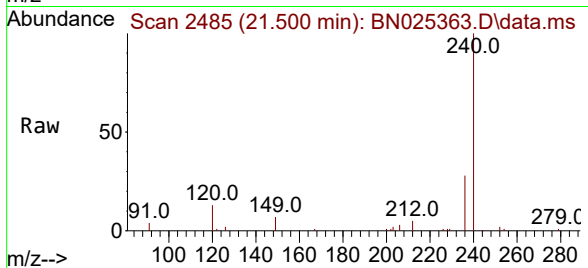
Tgt Ion:240 Resp: 26383

Ion Ratio Lower Upper

240 100

120 12.9 10.3 15.5

236 28.4 22.3 33.5



#31

Terphenyl-d14

Concen: 0.258 ng

RT: 19.924 min Scan# 2299

Delta R.T. 0.000 min

Lab File: BN025363.D

Acq: 09 May 2023 12:41

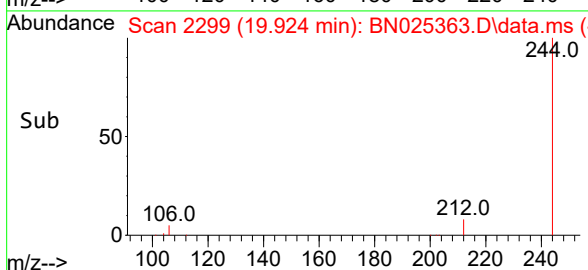
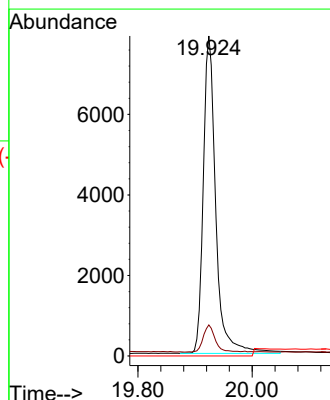
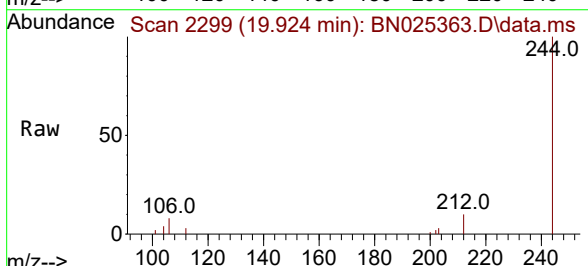
Tgt Ion:244 Resp: 13740

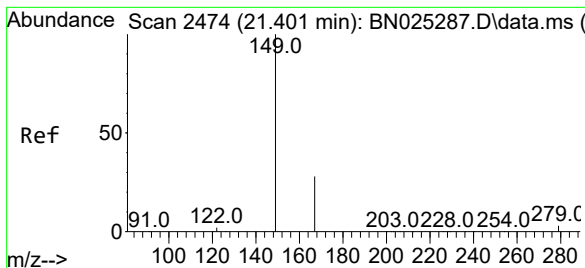
Ion Ratio Lower Upper

244 100

212 9.7 7.1 10.7

122 0.0 0.0 0.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.032 ng

RT: 21.392 min Scan# 2473

Delta R.T. 0.014 min

Lab File: BN025363.D

Acq: 09 May 2023 12:41

Instrument :

BNA_N

ClientSampleId :

SP-100-20230504DL

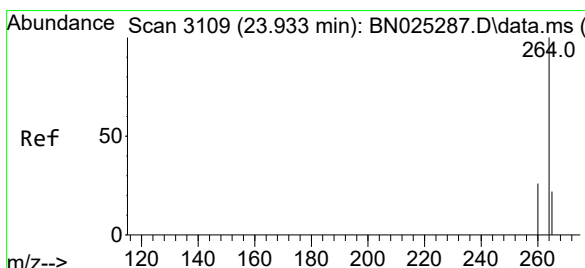
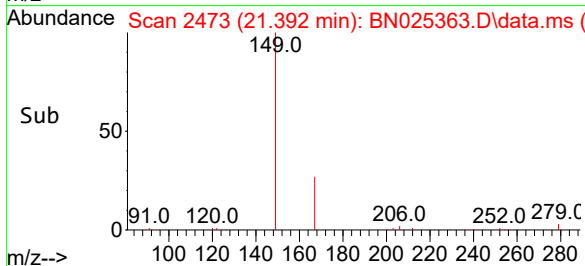
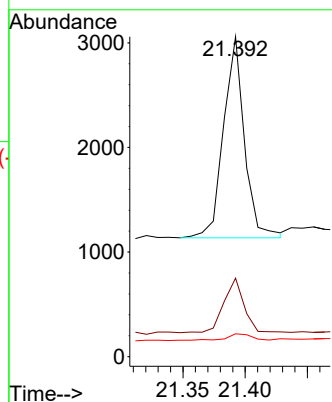
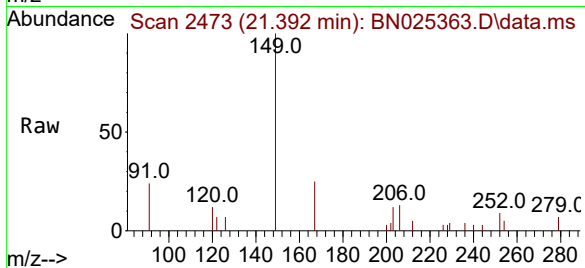
Tgt Ion:149 Resp: 2248

Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.4

279 4.3 2.6 4.0#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.925 min Scan# 3106

Delta R.T. 0.014 min

Lab File: BN025363.D

Acq: 09 May 2023 12:41

Tgt Ion:264 Resp: 22811

Ion Ratio Lower Upper

264 100

260 26.1 21.5 32.3

265 51.6 46.2 69.4

