

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042823\
 Data File : BN025184.D
 Acq On : 28 Apr 2023 10:45
 Operator : CG/JU
 Sample : 02520-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-06B-40-45-042623

Quant Time: Apr 28 11:37:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 11:24:46 2023
 Response via : Initial Calibration

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

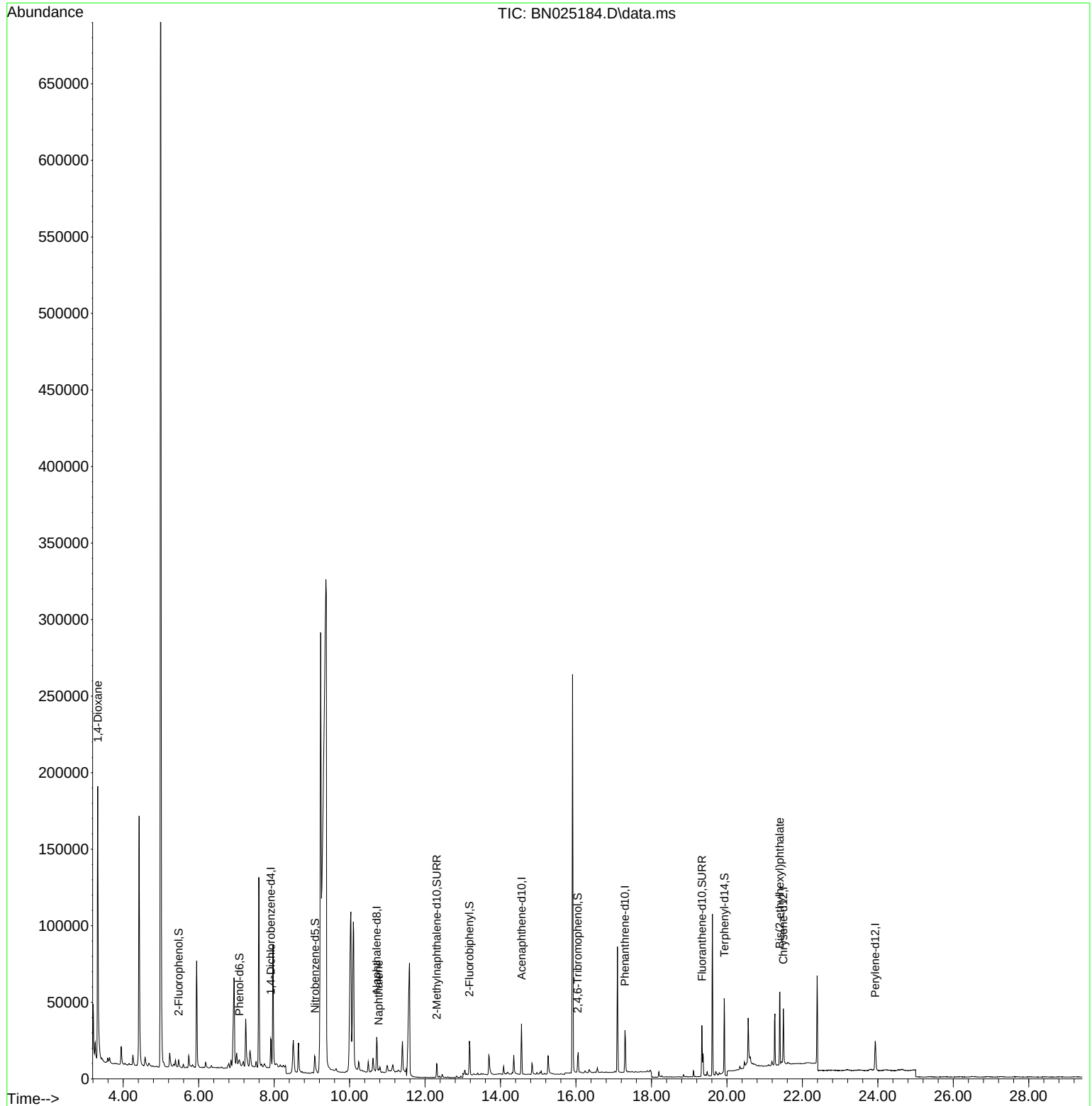
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	8663	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	29080	0.400	ng	# 0.00
13) Acenaphthene-d10	14.555	164	17511	0.400	ng	0.00
19) Phenanthrene-d10	17.298	188	38235	0.400	ng	0.00
29) Chrysene-d12	21.495	240	31233	0.400	ng	# 0.00
35) Perylene-d12	23.932	264	27633	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.470	112	2912	0.146	ng	0.00
5) Phenol-d6	7.080	99	2247	0.089	ng	0.00
8) Nitrobenzene-d5	9.084	82	7085	0.302	ng	0.01
11) 2-Methylnaphthalene-d10	12.309	152	12291	0.319	ng	0.00
14) 2,4,6-Tribromophenol	16.045	330	3415	0.434	ng	0.00
15) 2-Fluorobiphenyl	13.176	172	19217	0.287	ng	0.00
27) Fluoranthene-d10	19.338	212	35442	0.409	ng	0.00
31) Terphenyl-d14	19.932	244	28415	0.401	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.325	88	105794	11.114	ng	97
9) Naphthalene	10.771	128	2029	0.027	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.396	149	47491	0.837	ng	100

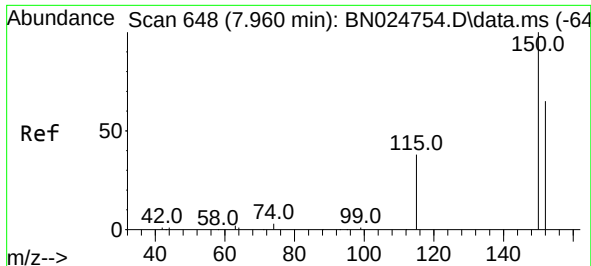
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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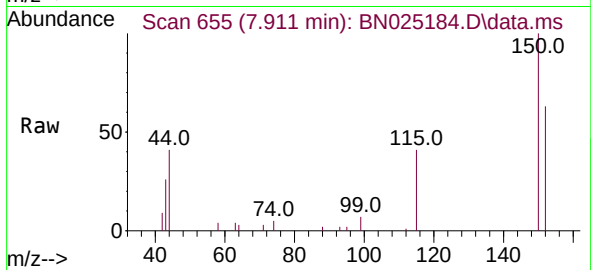
Quant Time: Apr 28 11:37:09 2023
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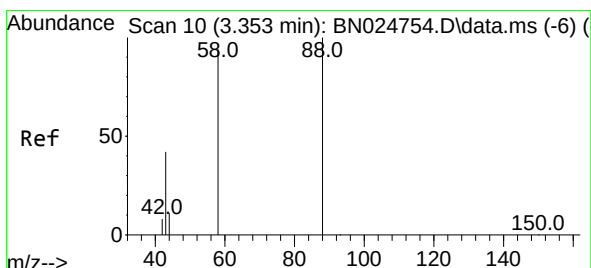
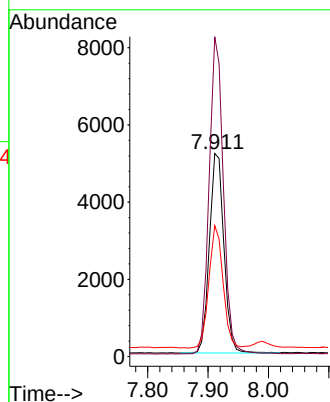
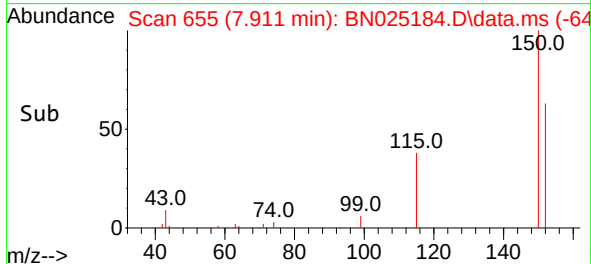


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.911 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN025184.D
 Acq: 28 Apr 2023 10:45

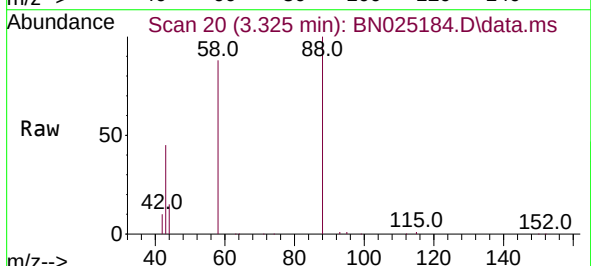
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-06B-40-45-042623



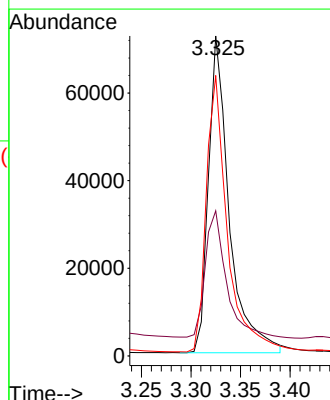
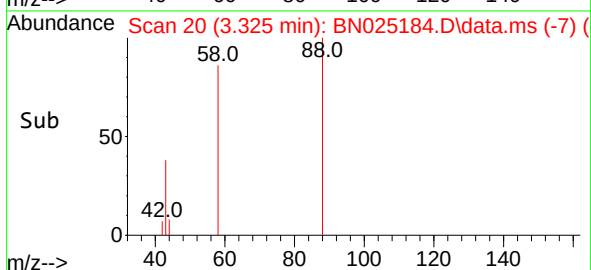
Tgt Ion:152 Resp: 8663
 Ion Ratio Lower Upper
 152 100
 150 157.5 121.8 182.8
 115 64.4 48.3 72.5

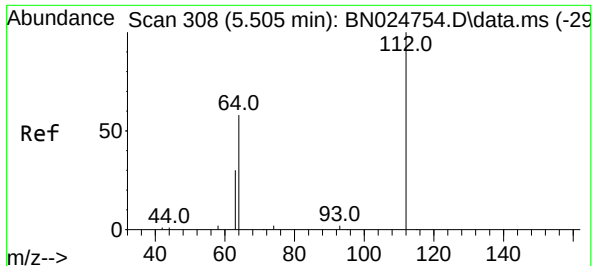


#2
 1,4-Dioxane
 Concen: 11.114 ng
 RT: 3.325 min Scan# 20
 Delta R.T. -0.007 min
 Lab File: BN025184.D
 Acq: 28 Apr 2023 10:45



Tgt Ion: 88 Resp: 105794
 Ion Ratio Lower Upper
 88 100
 43 39.9 35.2 52.8
 58 87.9 71.4 107.2

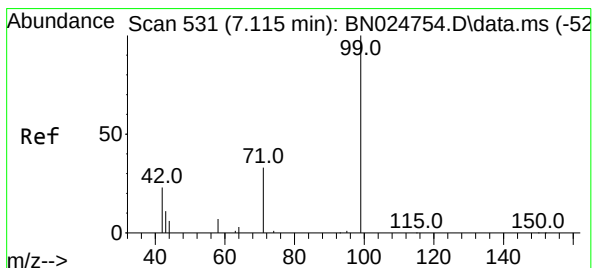
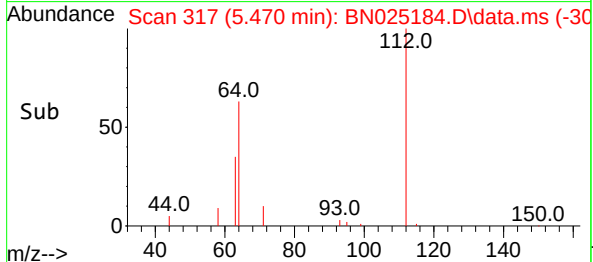
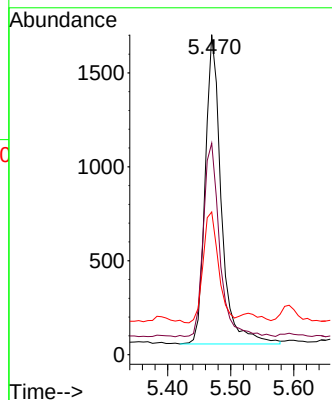
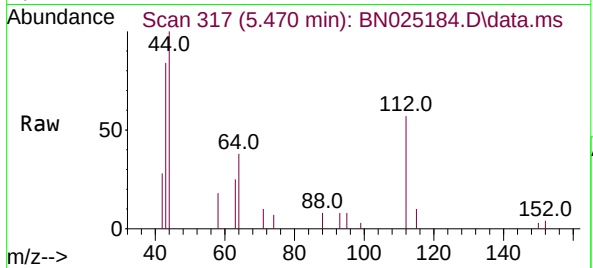




#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.470 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN025184.D
Acq: 28 Apr 2023 10:45

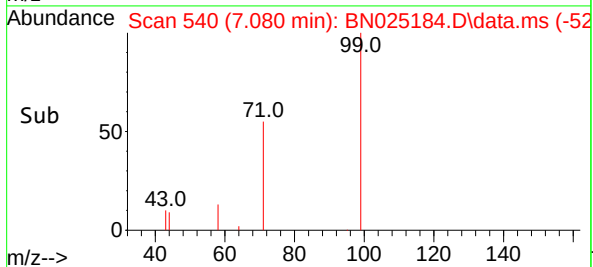
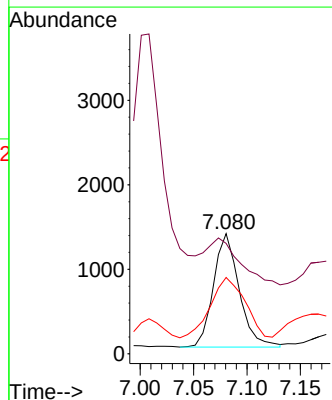
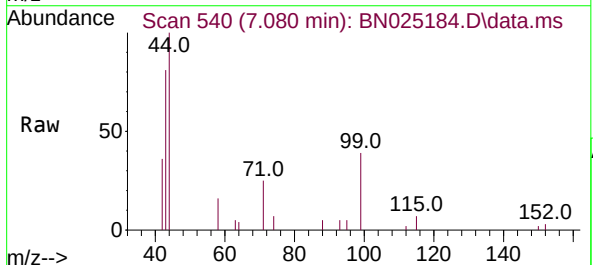
Instrument :
BNA_N
ClientSampleId :
GWOW-06B-40-45-042623

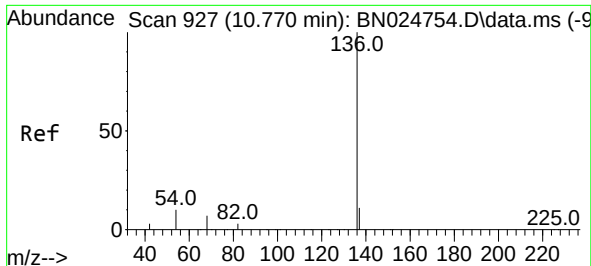
Tgt Ion:112 Resp: 2912
Ion Ratio Lower Upper
112 100
64 63.6 52.5 78.7
63 34.5 27.9 41.9



#5
Phenol-d6
Concen: 0.089 ng
RT: 7.080 min Scan# 540
Delta R.T. 0.007 min
Lab File: BN025184.D
Acq: 28 Apr 2023 10:45

Tgt Ion: 99 Resp: 2247
Ion Ratio Lower Upper
99 100
42 55.2 22.8 34.2#
71 70.7 28.2 42.2#

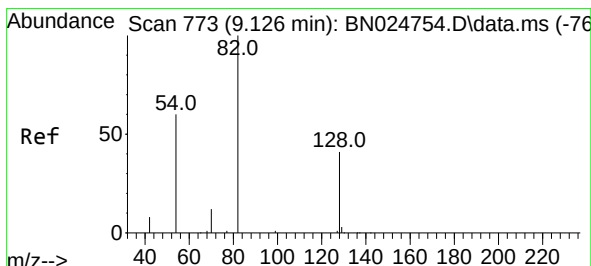
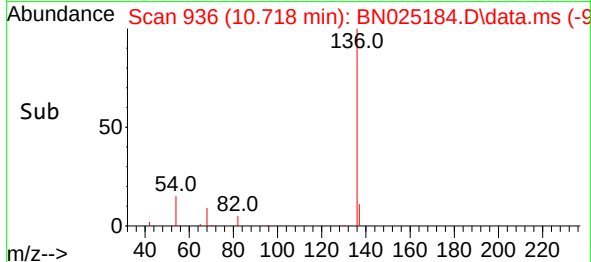
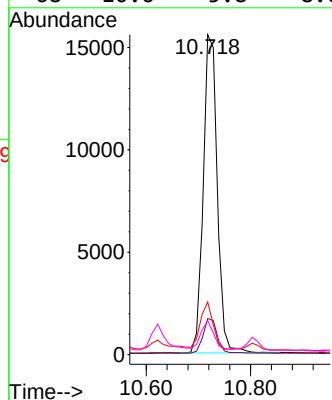
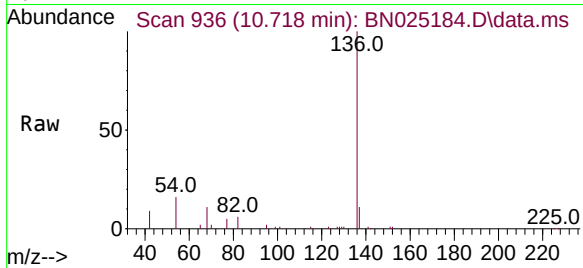




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN025184.D
Acq: 28 Apr 2023 10:45

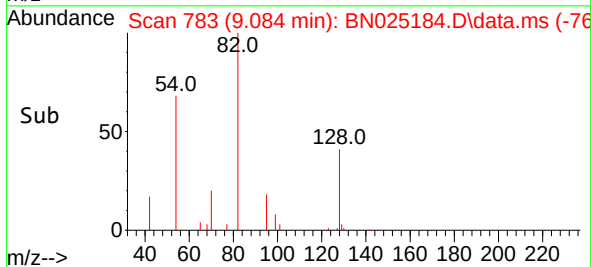
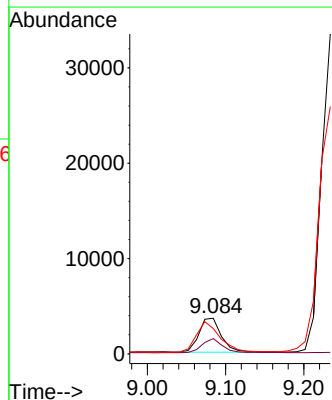
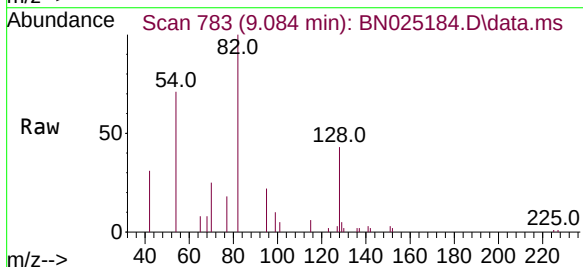
Instrument :
BNA_N
ClientSampleId :
GWOW-06B-40-45-042623

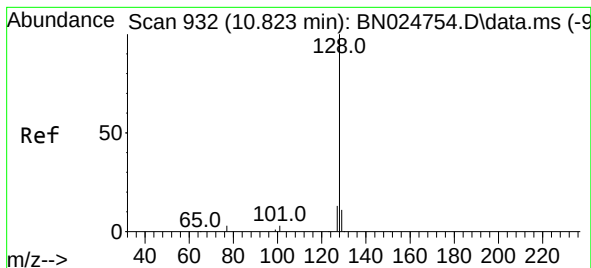
Tgt Ion:	136	Resp:	29080
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	16.4	8.2	12.4#
68	10.6	5.8	8.6#



#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 9.084 min Scan# 783
Delta R.T. 0.011 min
Lab File: BN025184.D
Acq: 28 Apr 2023 10:45

Tgt Ion:	82	Resp:	7085
Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.8	50.6
54	71.0	49.4	74.0





#9

Naphthalene

Concen: 0.027 ng

RT: 10.771 min Scan# 941

Delta R.T. 0.000 min

Lab File: BN025184.D

Acq: 28 Apr 2023 10:45

Instrument :

BNA_N

ClientSampleId :

GWOW-06B-40-45-042623

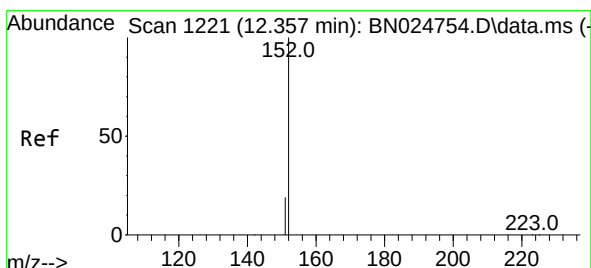
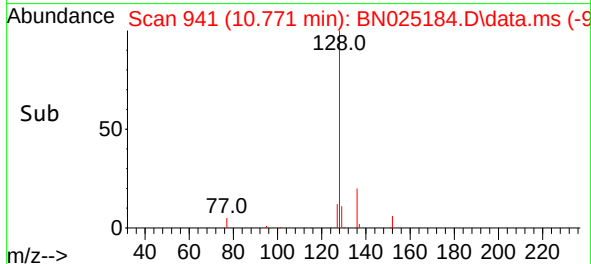
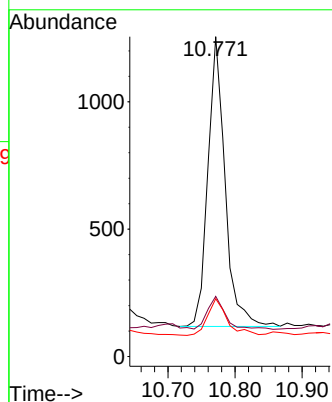
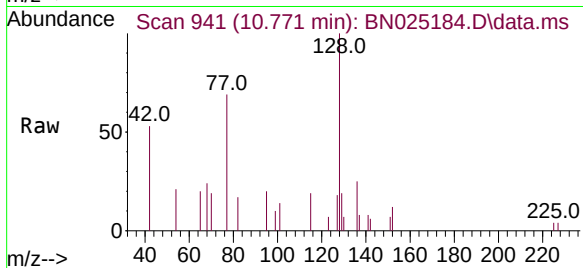
Tgt Ion:128 Resp: 2029

Ion Ratio Lower Upper

128 100

129 18.8 9.0 13.4#

127 18.1 10.4 15.6#



#11

2-Methylnaphthalene-d10

Concen: 0.319 ng

RT: 12.309 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BN025184.D

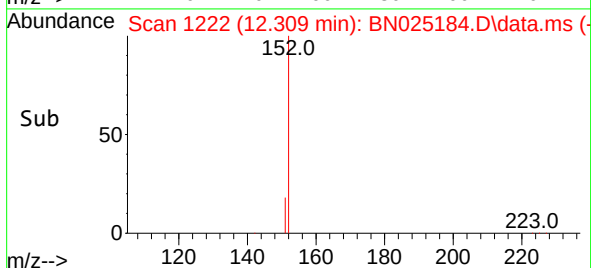
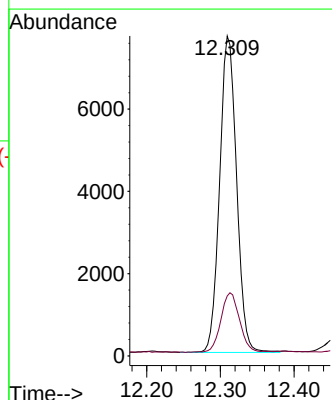
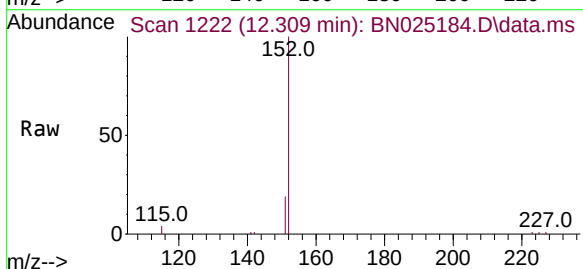
Acq: 28 Apr 2023 10:45

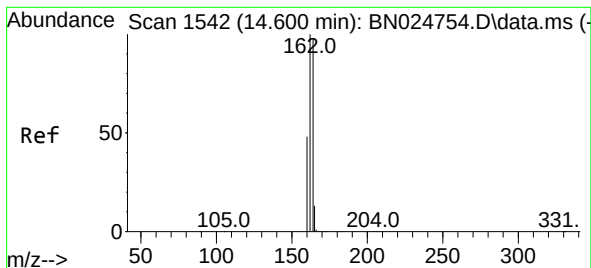
Tgt Ion:152 Resp: 12291

Ion Ratio Lower Upper

152 100

151 20.7 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.555 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN025184.D

Acq: 28 Apr 2023 10:45

Instrument :

BNA_N

ClientSampleId :

GWOW-06B-40-45-042623

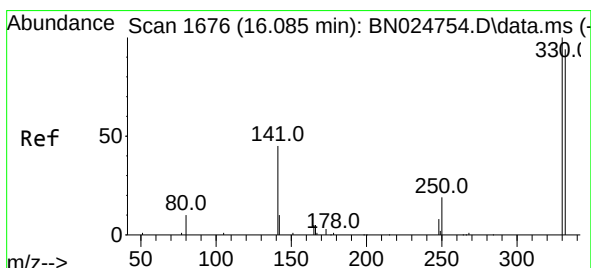
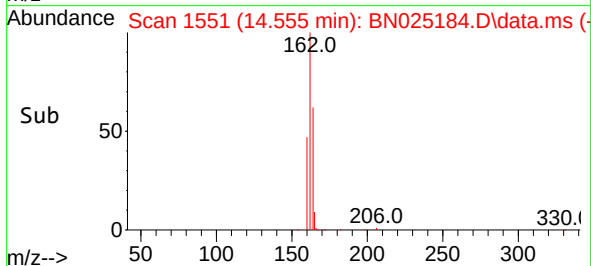
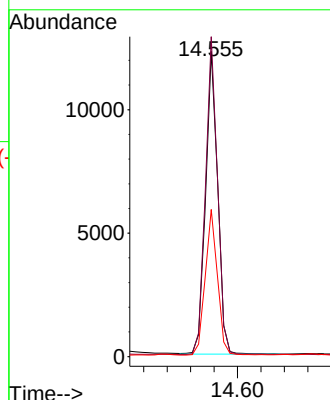
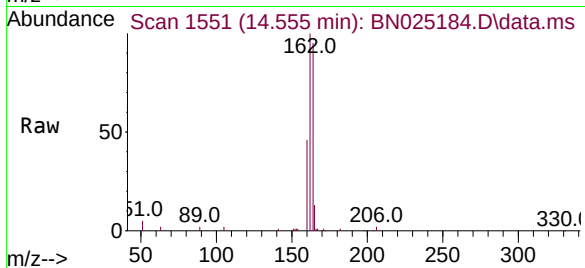
Tgt Ion:164 Resp: 17511

Ion Ratio Lower Upper

164 100

162 104.9 81.9 122.9

160 48.2 39.2 58.8



#14

2,4,6-Tribromophenol

Concen: 0.434 ng

RT: 16.045 min Scan# 1686

Delta R.T. 0.000 min

Lab File: BN025184.D

Acq: 28 Apr 2023 10:45

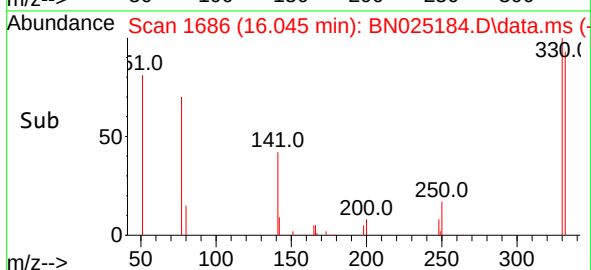
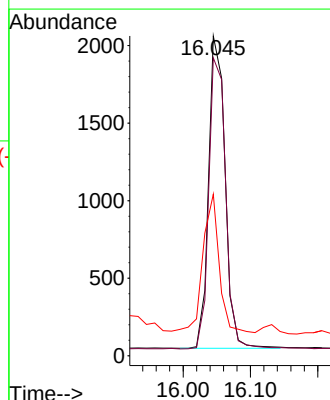
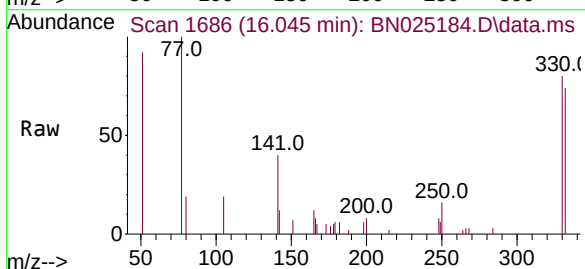
Tgt Ion:330 Resp: 3415

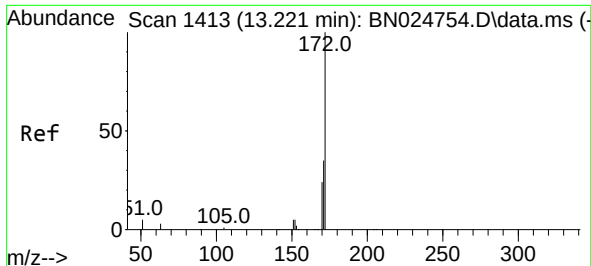
Ion Ratio Lower Upper

330 100

332 95.9 77.9 116.9

141 43.5 31.0 46.6

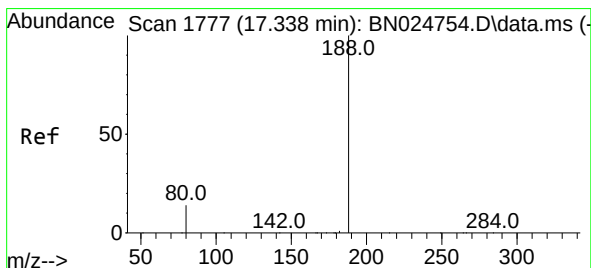
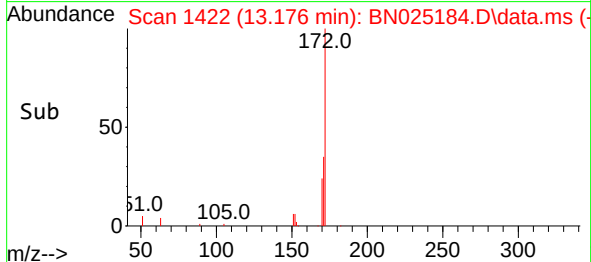
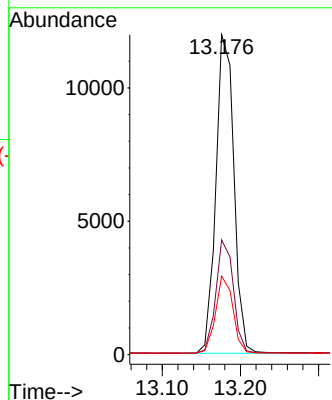
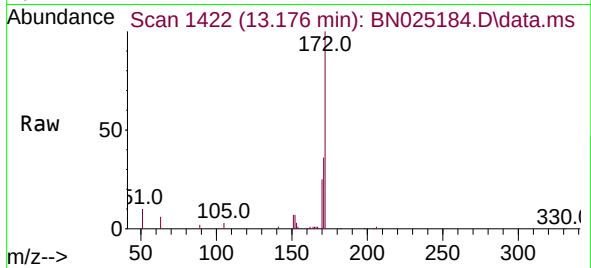




#15
2-Fluorobiphenyl
Concen: 0.287 ng
RT: 13.176 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN025184.D
Acq: 28 Apr 2023 10:45

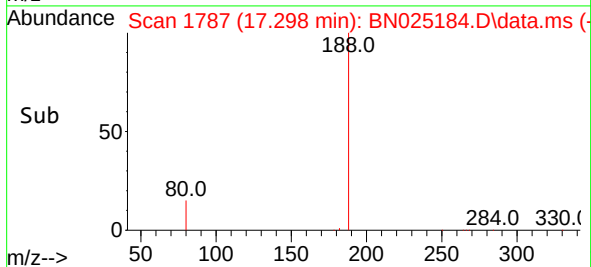
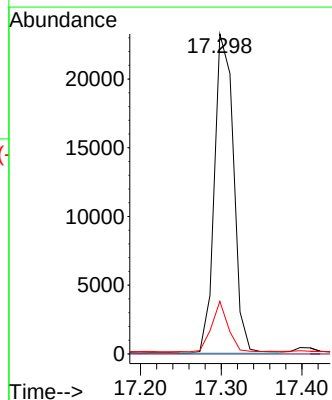
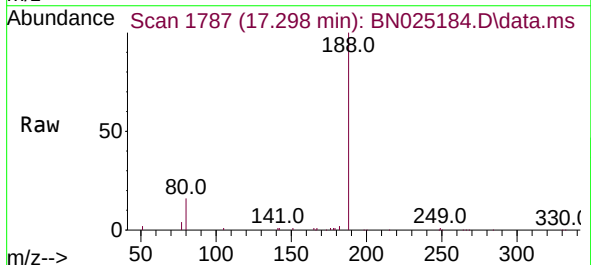
Instrument :
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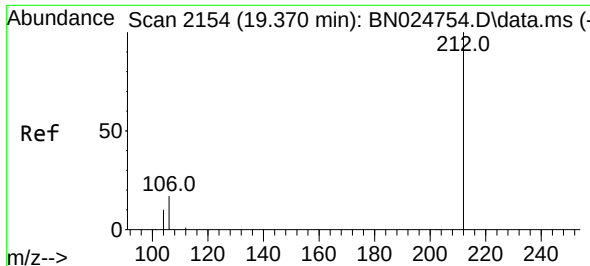
Tgt Ion:	172	Resp:	19217
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.2	42.2
170	24.5	19.2	28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.298 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BN025184.D
Acq: 28 Apr 2023 10:45

Tgt Ion:	188	Resp:	38235
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	16.4	11.3	16.9

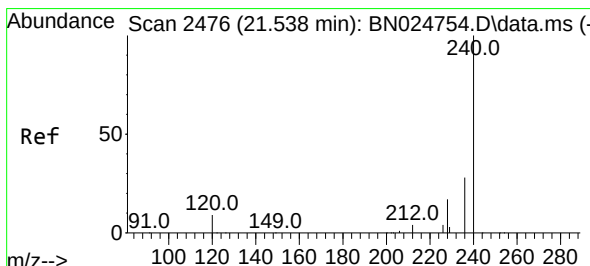
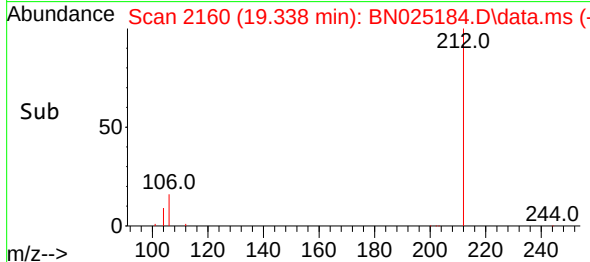
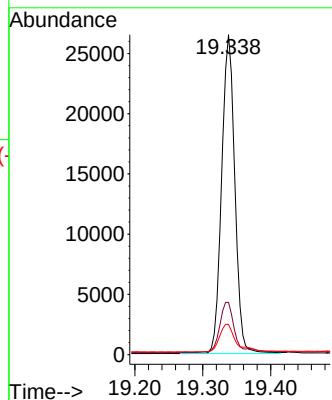
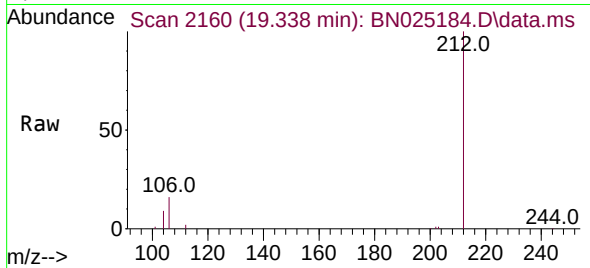




#27
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.338 min Scan# 2154
Delta R.T. 0.000 min
Lab File: BN025184.D
Acq: 28 Apr 2023 10:45

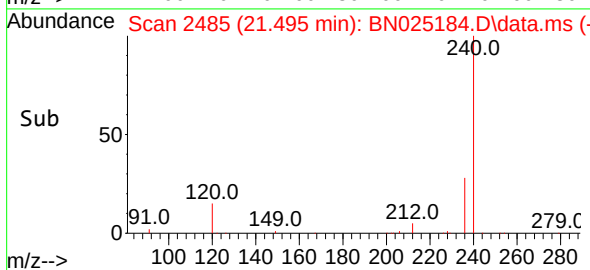
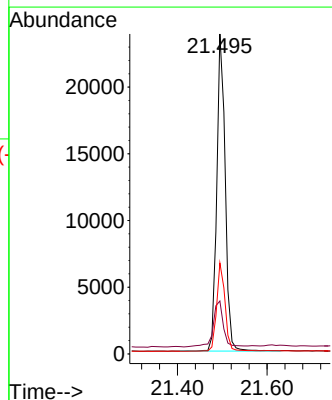
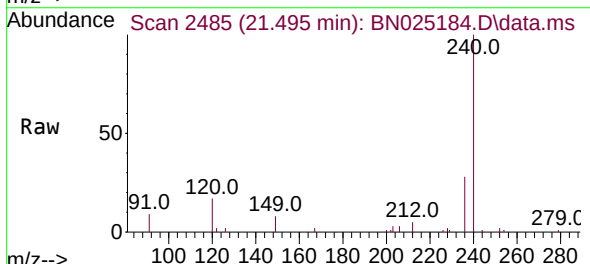
Instrument :
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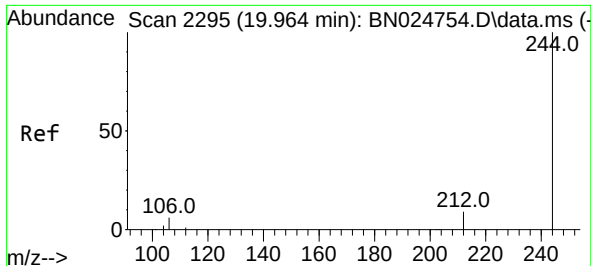
Tgt Ion:212 Resp: 35442
Ion Ratio Lower Upper
212 100
106 16.8 13.2 19.8
104 10.8 7.6 11.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.495 min Scan# 2485
Delta R.T. -0.009 min
Lab File: BN025184.D
Acq: 28 Apr 2023 10:45

Tgt Ion:240 Resp: 31233
Ion Ratio Lower Upper
240 100
120 16.5 8.8 13.2#
236 28.4 22.6 34.0

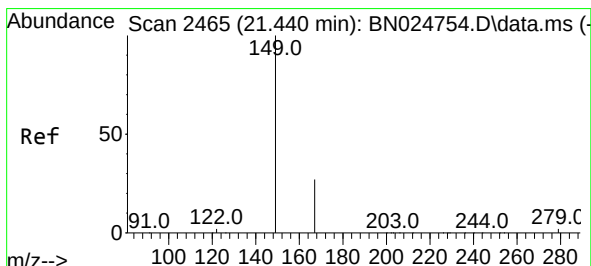
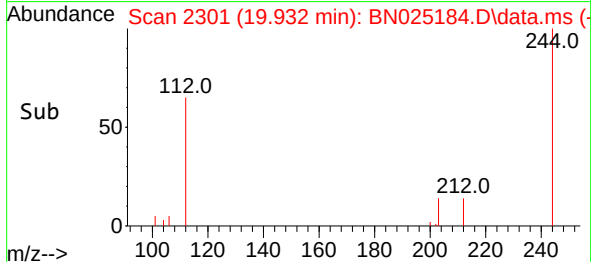
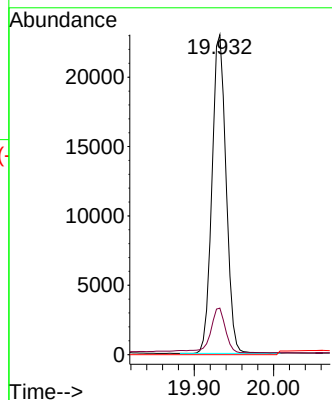
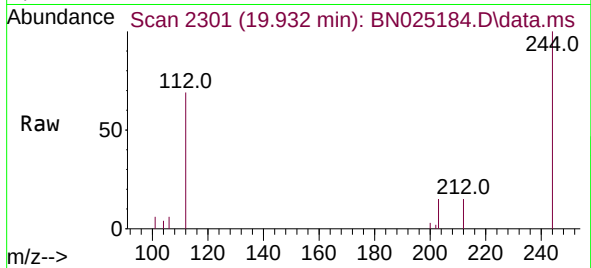




#31
 Terphenyl-d14
 Concen: 0.401 ng
 RT: 19.932 min Scan# 2301
 Delta R.T. 0.000 min
 Lab File: BN025184.D
 Acq: 28 Apr 2023 10:45

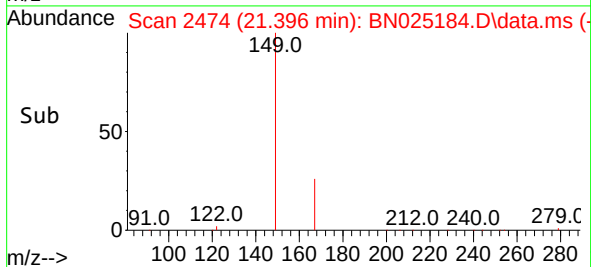
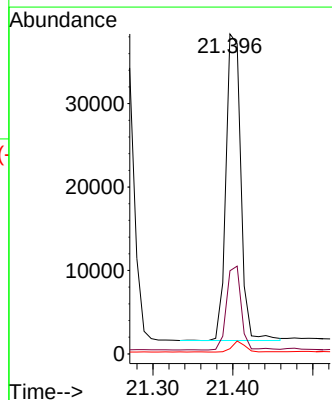
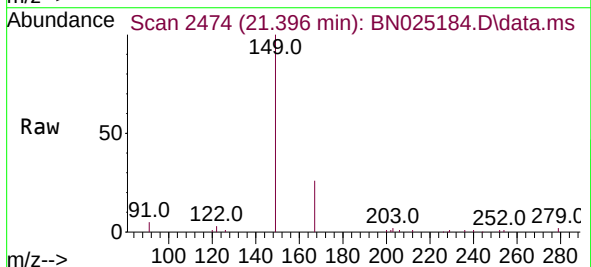
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-06B-40-45-042623

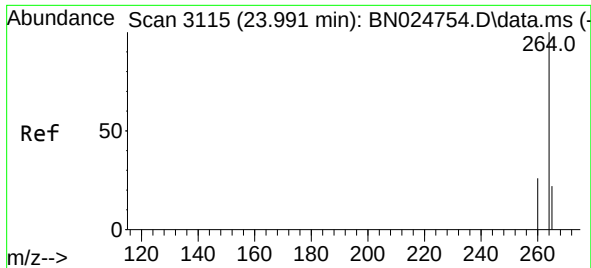
Tgt Ion:244 Resp: 28415
 Ion Ratio Lower Upper
 244 100
 212 14.5 7.4 11.0#
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.837 ng
 RT: 21.396 min Scan# 2474
 Delta R.T. -0.009 min
 Lab File: BN025184.D
 Acq: 28 Apr 2023 10:45

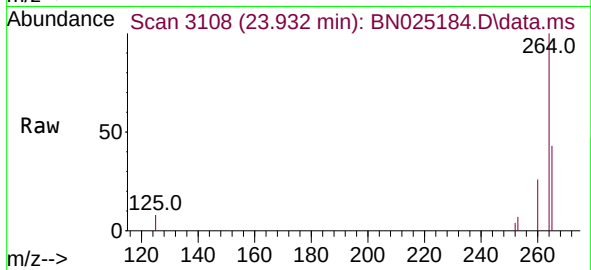
Tgt Ion:149 Resp: 47491
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.4 32.2
 279 3.1 2.6 4.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.932 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: BN025184.D
 Acq: 28 Apr 2023 10:45

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-06B-40-45-042623



Tgt Ion:264 Resp: 27633
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.8 31.2
 265 43.3 46.5 69.7#

