

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
 Data File : BN025525.D
 Acq On : 20 May 2023 15:19
 Operator : CG/JU
 Sample : 02862-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW11-GW-238-240

Quant Time: May 22 02:00:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 22 01:54:38 2023
 Response via : Initial Calibration

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

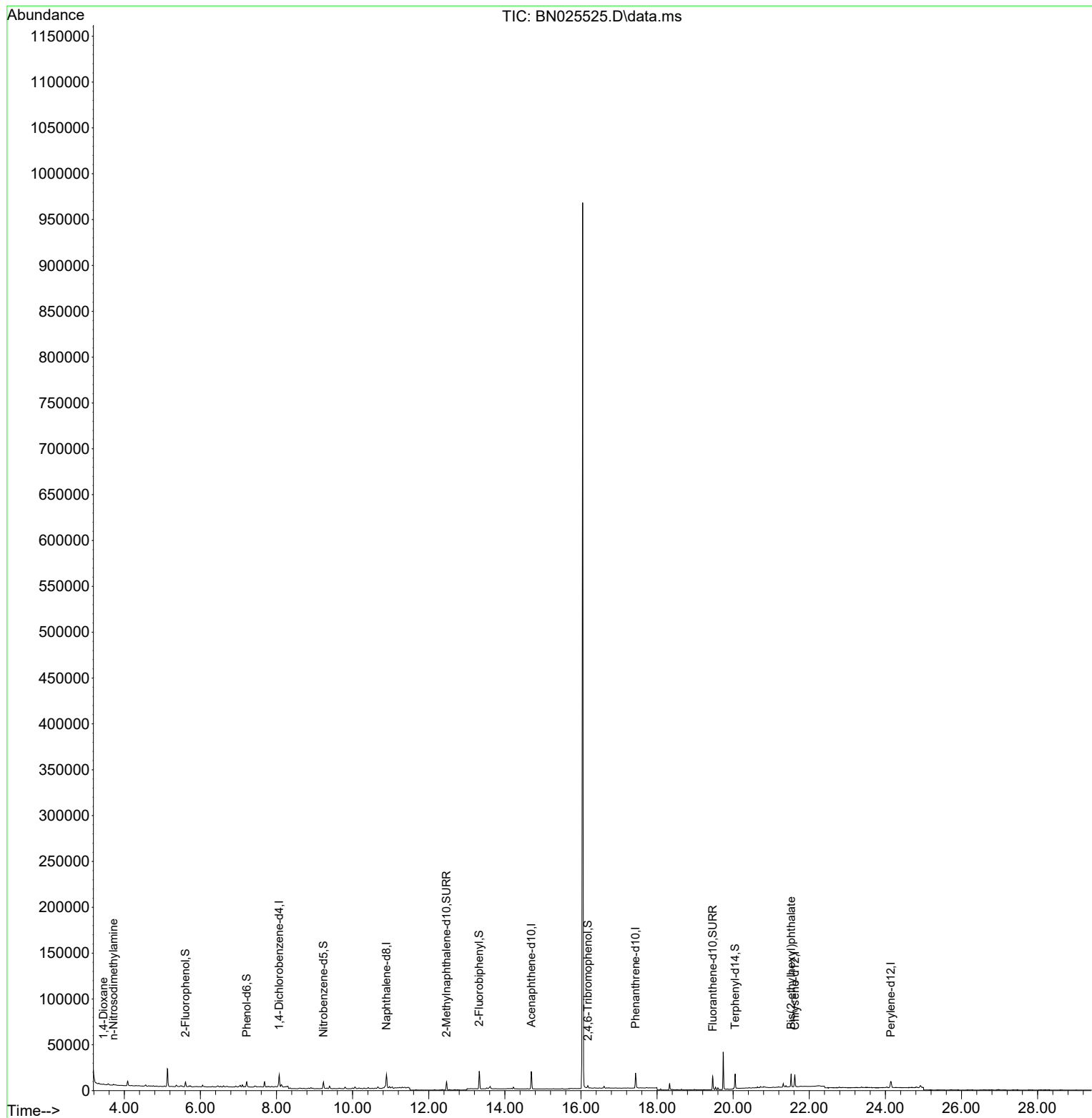
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	6321	0.400	ng	0.00
7) Naphthalene-d8	10.889	136	18868	0.400	ng	# 0.00
13) Acenaphthene-d10	14.694	164	10846	0.400	ng	-0.01
19) Phenanthrene-d10	17.435	188	22086	0.400	ng	# 0.00
29) Chrysene-d12	21.620	240	12367	0.400	ng	# 0.00
35) Perylene-d12	24.145	264	11119	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.607	112	3668	0.257	ng	0.00
5) Phenol-d6	7.218	99	3408	0.186	ng	0.00
8) Nitrobenzene-d5	9.234	82	6222	0.413	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	11717	0.447	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	1293	0.306	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	17139	0.413	ng	-0.01
27) Fluoranthene-d10	19.460	212	15902	0.312	ng	0.00
31) Terphenyl-d14	20.053	244	11441	0.520	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.455	88	378	0.059	ng	# 1
3) n-Nitrosodimethylamine	3.715	42	361	0.051	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.522	149	12077	0.458	ng	98

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

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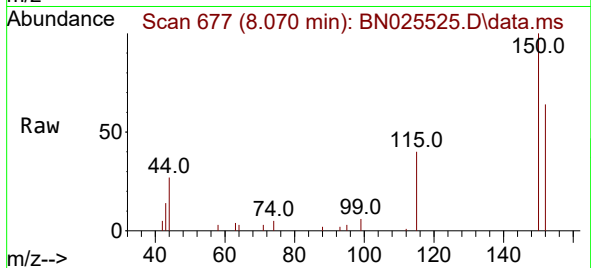
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 22 01:54:38 2023
Response via : Initial Calibration



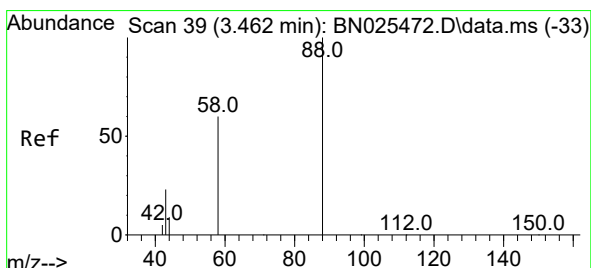
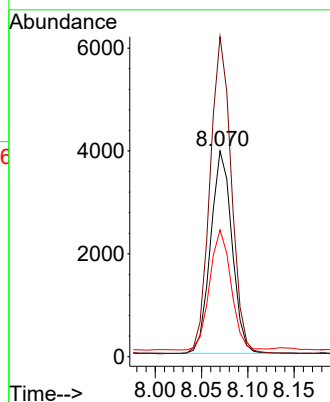
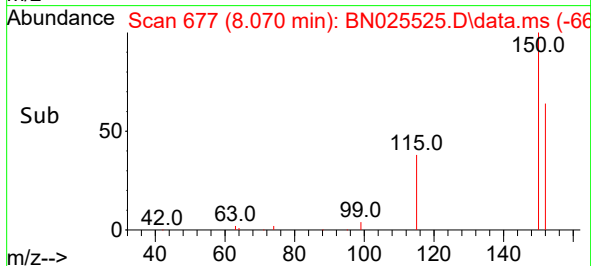


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.070 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025525.D
Acq: 20 May 2023 15:19

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-238-240

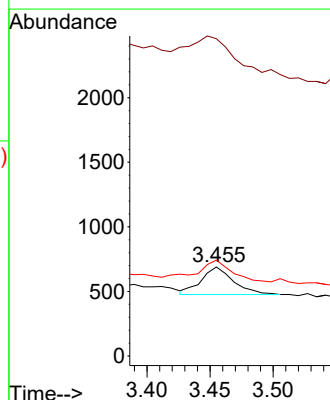
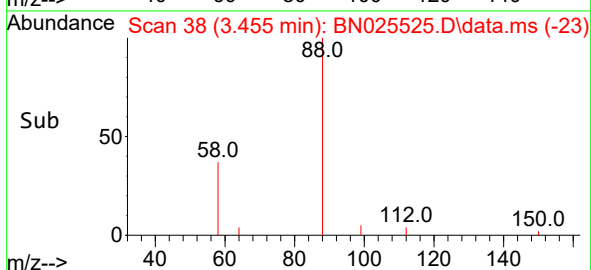
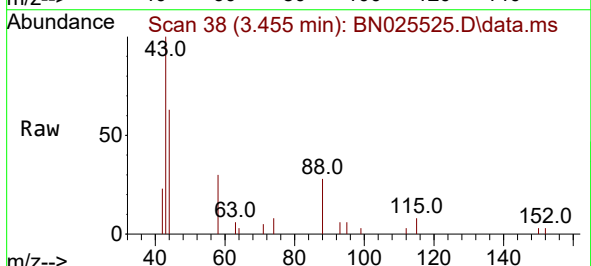


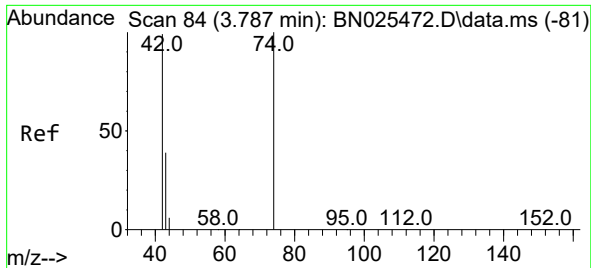
Tgt Ion:152 Resp: 6321
Ion Ratio Lower Upper
152 100
150 155.7 125.3 187.9
115 61.6 50.2 75.2



#2
1,4-Dioxane
Concen: 0.059 ng
RT: 3.455 min Scan# 38
Delta R.T. 0.007 min
Lab File: BN025525.D
Acq: 20 May 2023 15:19

Tgt Ion: 88 Resp: 378
Ion Ratio Lower Upper
88 100
43 178.6 23.8 35.6#
58 88.4 55.1 82.7#

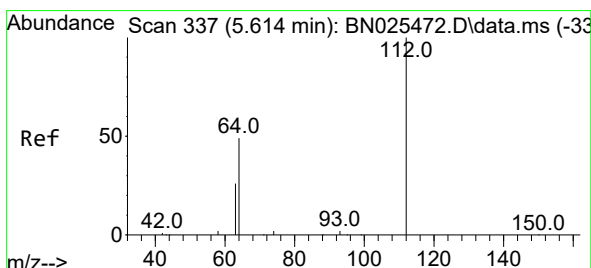
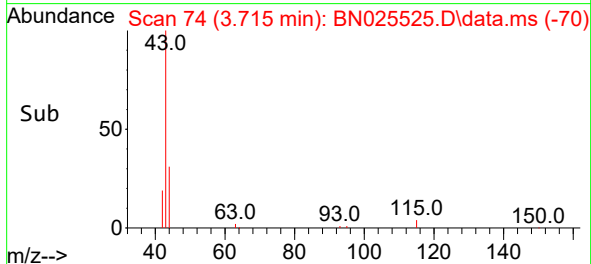
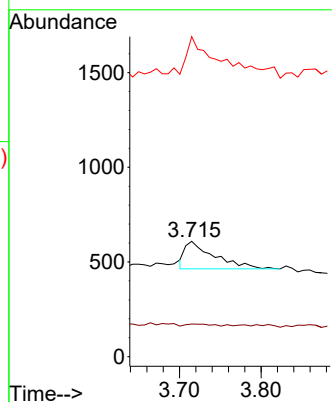
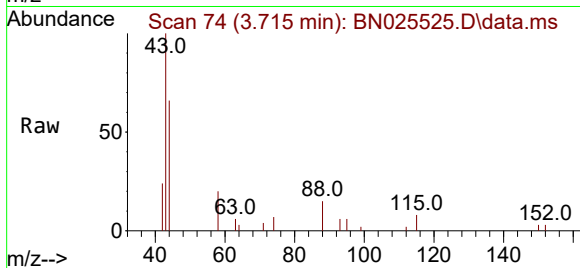




#3
n-Nitrosodimethylamine
Concen: 0.051 ng
RT: 3.715 min Scan# 74
Delta R.T. -0.072 min
Lab File: BN025525.D
Acq: 20 May 2023 15:19

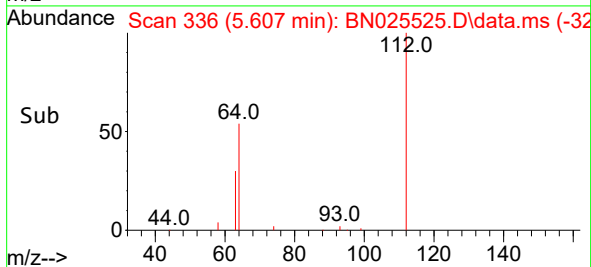
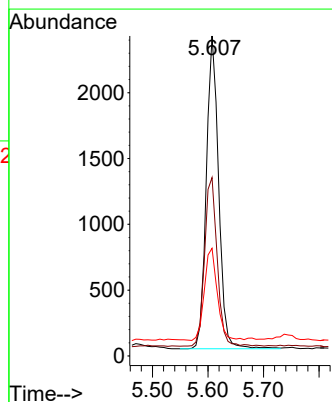
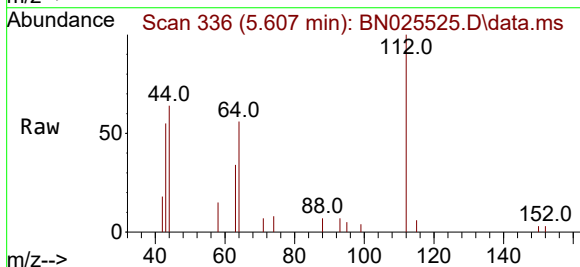
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-238-240

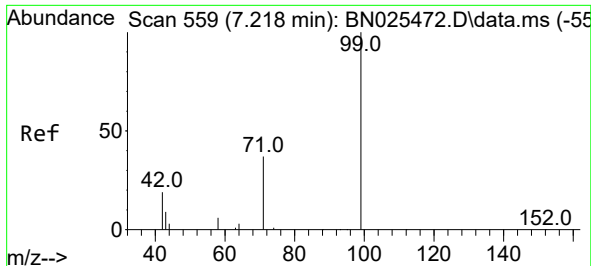
Tgt Ion: 42 Resp: 361
Ion Ratio Lower Upper
42 100
74 6.4 100.2 150.4#
44 138.8 8.6 12.8#



#4
2-Fluorophenol
Concen: 0.257 ng
RT: 5.607 min Scan# 336
Delta R.T. -0.000 min
Lab File: BN025525.D
Acq: 20 May 2023 15:19

Tgt Ion: 112 Resp: 3668
Ion Ratio Lower Upper
112 100
64 55.4 44.0 66.0
63 30.8 24.0 36.0

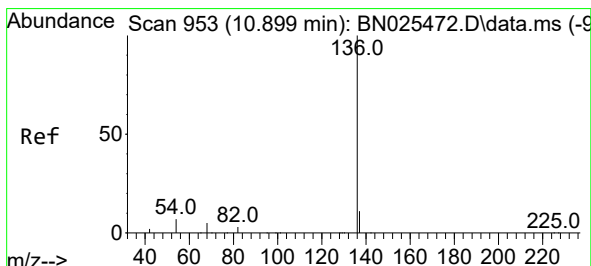
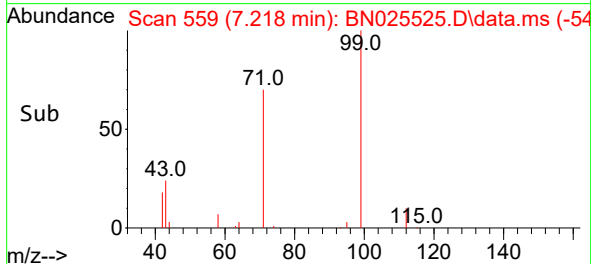
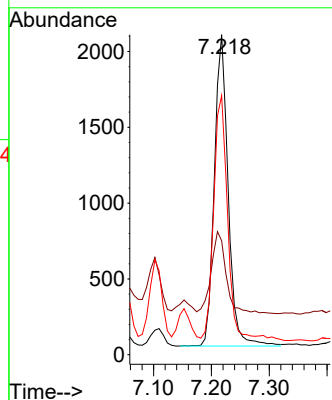
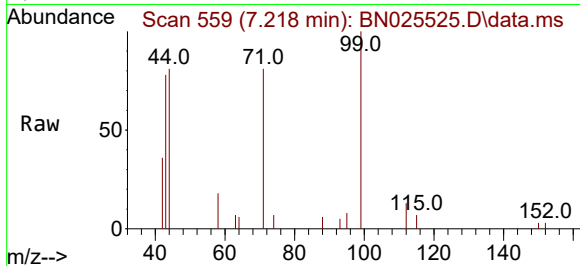




#5
Phenol-d6
Concen: 0.186 ng
RT: 7.218 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN025525.D
Acq: 20 May 2023 15:19

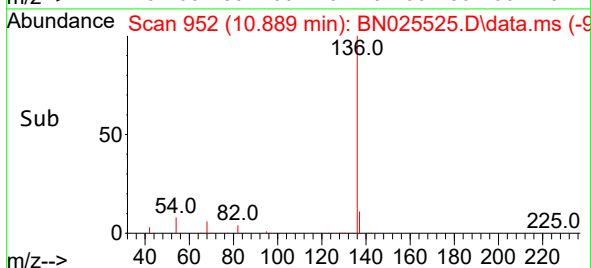
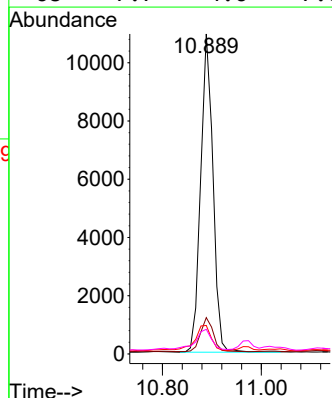
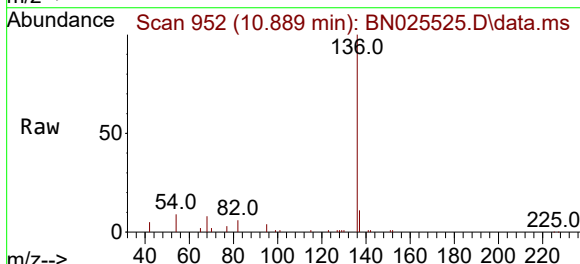
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-238-240

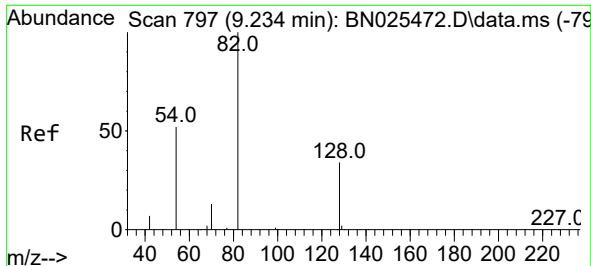
Tgt Ion: 99 Resp: 3408
Ion Ratio Lower Upper
99 100
42 28.4 15.8 23.8#
71 79.9 28.6 43.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.889 min Scan# 952
Delta R.T. -0.000 min
Lab File: BN025525.D
Acq: 20 May 2023 15:19

Tgt Ion: 136 Resp: 18868
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.9 5.8 8.6#
68 7.7 4.6 7.0#

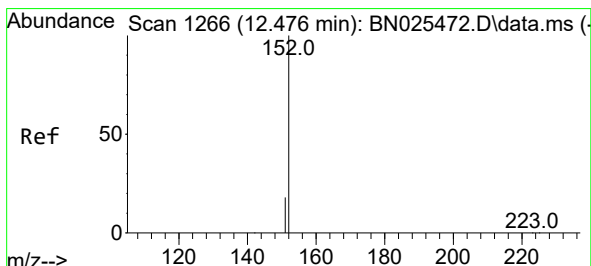
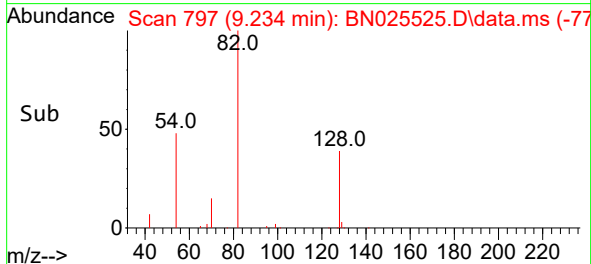
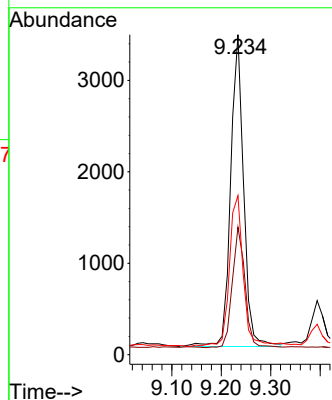
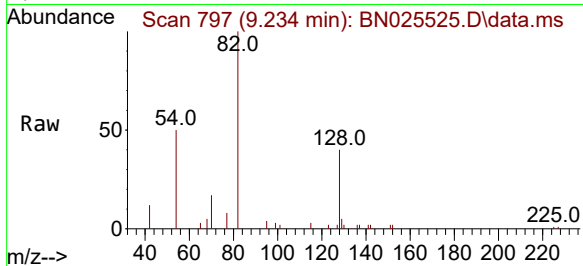




#8
 Nitrobenzene-d5
 Concen: 0.413 ng
 RT: 9.234 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: BN025525.D
 Acq: 20 May 2023 15:19

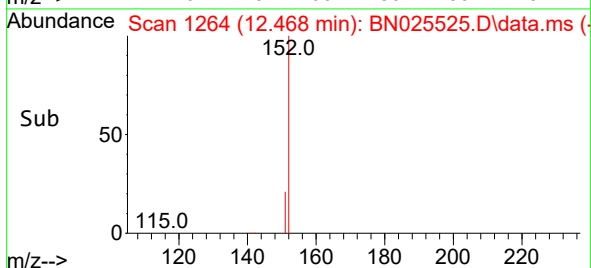
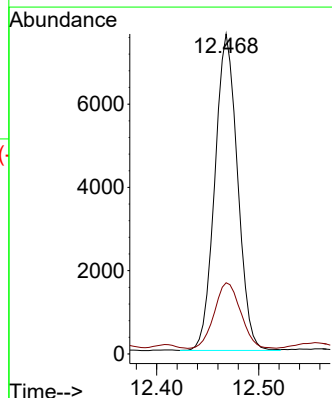
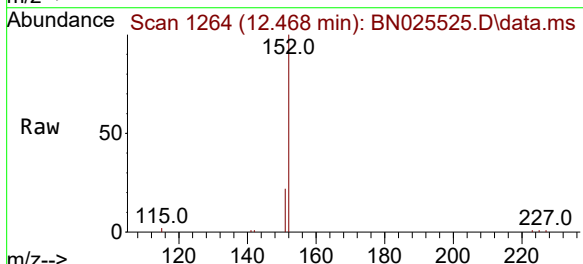
Instrument :
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 ClientSampleId :
 BP-VPB-RW11-GW-238-240

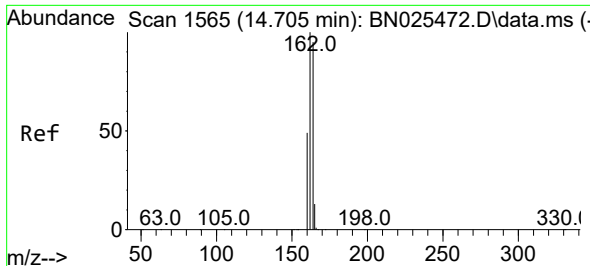
Tgt Ion:	82	Resp:	6222
Ion	Ratio	Lower	Upper
82	100		
128	39.8	27.9	41.9
54	49.7	42.4	63.6



#11
 2-Methylnaphthalene-d10
 Concen: 0.447 ng
 RT: 12.468 min Scan# 1264
 Delta R.T. -0.004 min
 Lab File: BN025525.D
 Acq: 20 May 2023 15:19

Tgt Ion:	152	Resp:	11717
Ion	Ratio	Lower	Upper
152	100		
151	24.0	16.6	24.8

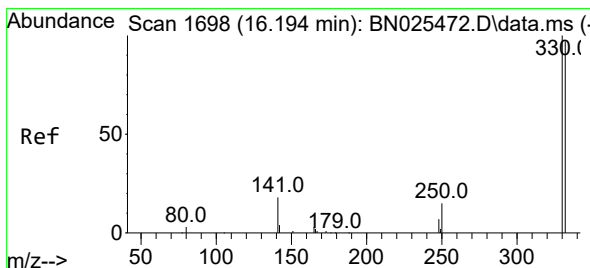
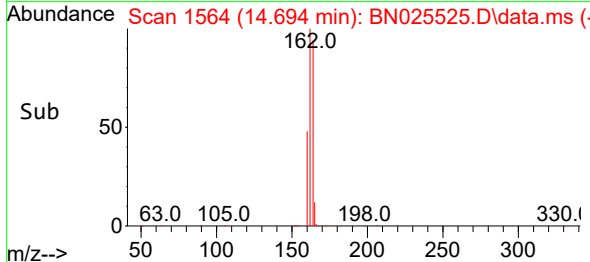
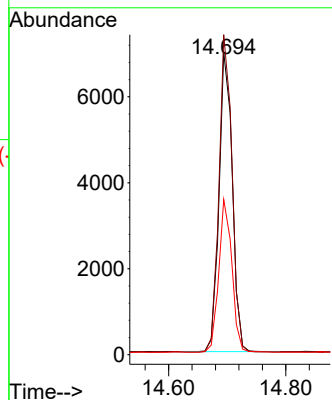
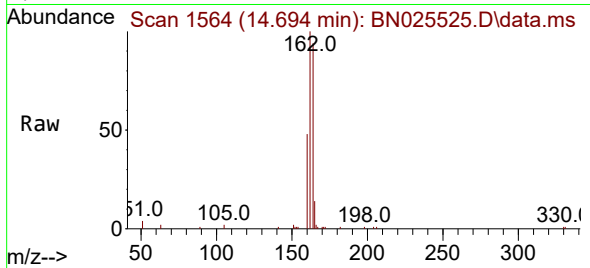




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1564
Delta R.T. -0.011 min
Lab File: BN025525.D
Acq: 20 May 2023 15:19

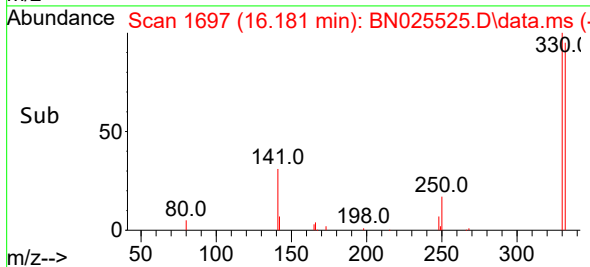
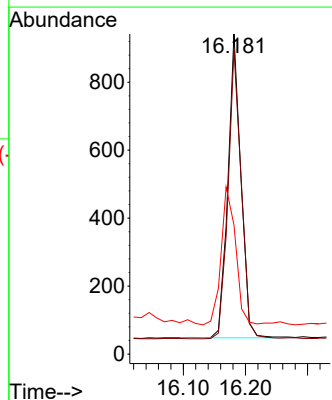
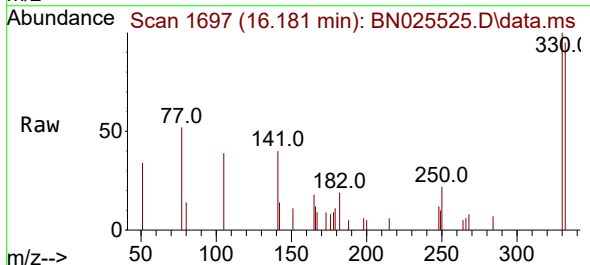
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-238-240

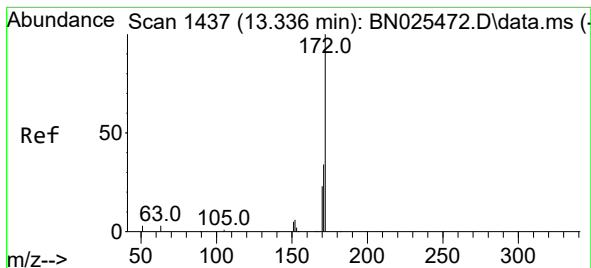
Tgt Ion:164 Resp: 10846
Ion Ratio Lower Upper
164 100
162 105.8 84.2 126.2
160 51.3 41.4 62.2



#14
2,4,6-Tribromophenol
Concen: 0.306 ng
RT: 16.181 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN025525.D
Acq: 20 May 2023 15:19

Tgt Ion:330 Resp: 1293
Ion Ratio Lower Upper
330 100
332 96.8 76.1 114.1
141 50.5 36.1 54.1

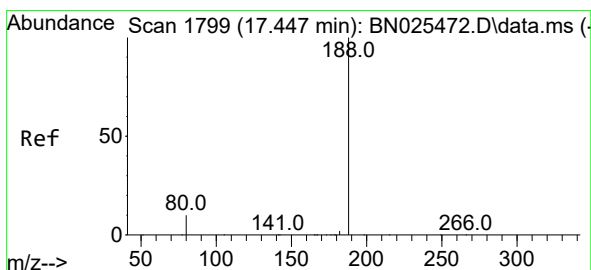
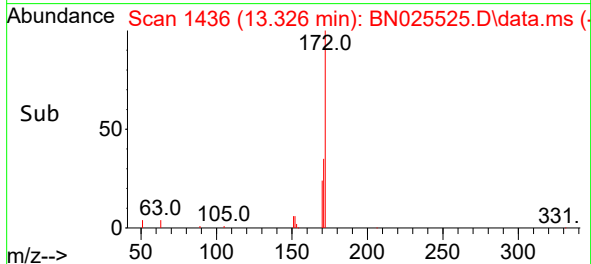
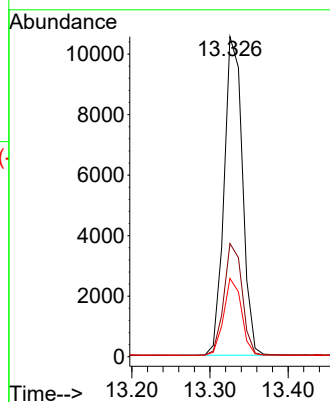
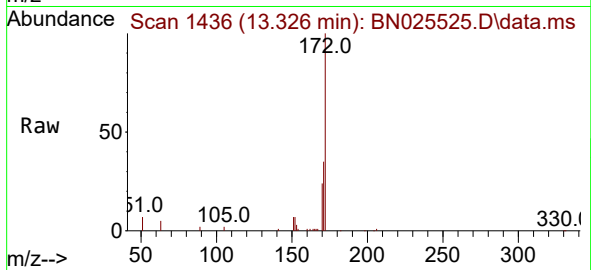




#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.326 min Scan# 1437
Delta R.T. -0.011 min
Lab File: BN025525.D
Acq: 20 May 2023 15:19

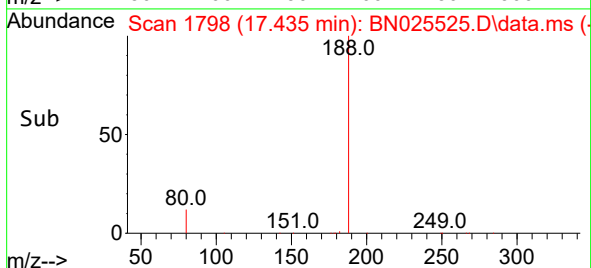
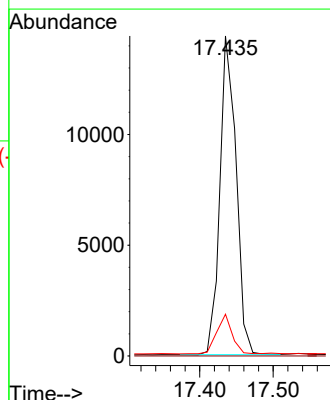
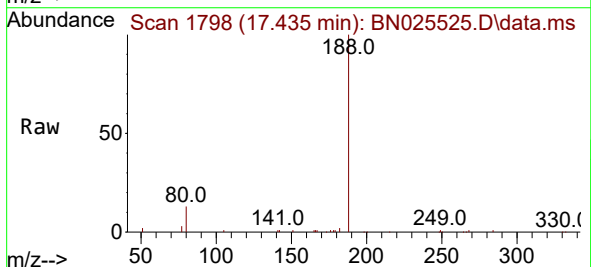
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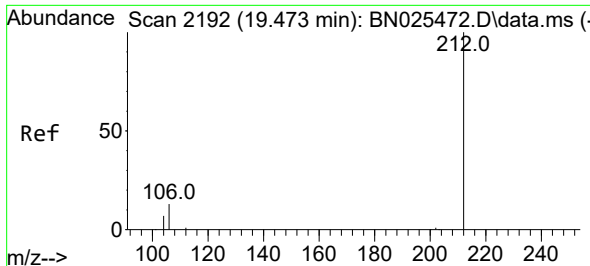
Tgt Ion:172 Resp: 17139
Ion Ratio Lower Upper
172 100
171 35.4 27.6 41.4
170 24.5 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.435 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BN025525.D
Acq: 20 May 2023 15:19

Tgt Ion:188 Resp: 22086
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.0 8.2 12.4#

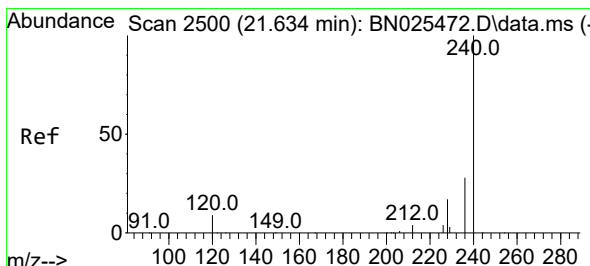
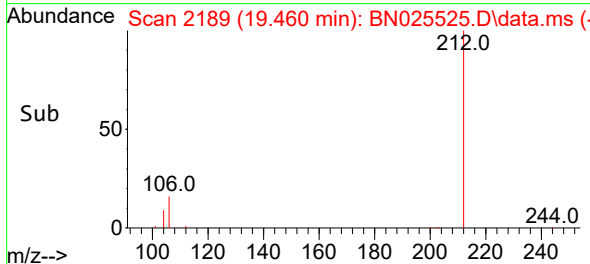
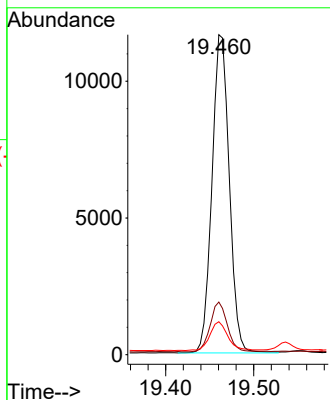
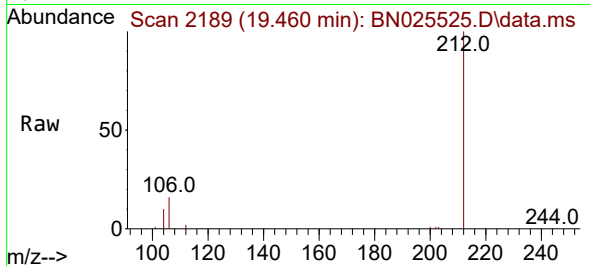




#27
Fluoranthene-d10
Concen: 0.312 ng
RT: 19.460 min Scan# 2192
Delta R.T. -0.004 min
Lab File: BN025525.D
Acq: 20 May 2023 15:19

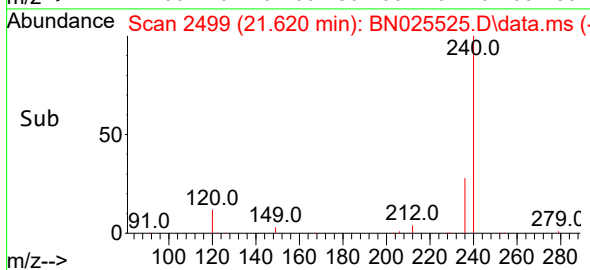
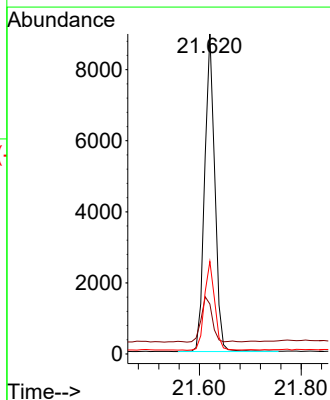
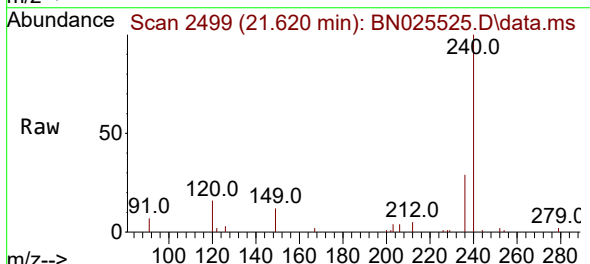
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW11-GW-238-240

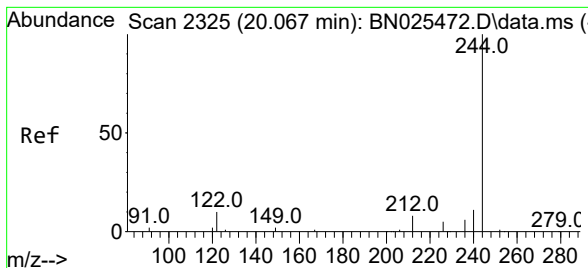
Tgt Ion:212 Resp: 15902
Ion Ratio Lower Upper
212 100
106 15.6 11.4 17.2
104 9.3 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.620 min Scan# 2499
Delta R.T. 0.004 min
Lab File: BN025525.D
Acq: 20 May 2023 15:19

Tgt Ion:240 Resp: 12367
Ion Ratio Lower Upper
240 100
120 15.6 8.6 12.8#
236 28.9 22.7 34.1





#31

Terphenyl-d14

Concen: 0.520 ng

RT: 20.053 min Scan# 21

Delta R.T. 0.004 min

Lab File: BN025525.D

Acq: 20 May 2023 15:19

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW11-GW-238-240

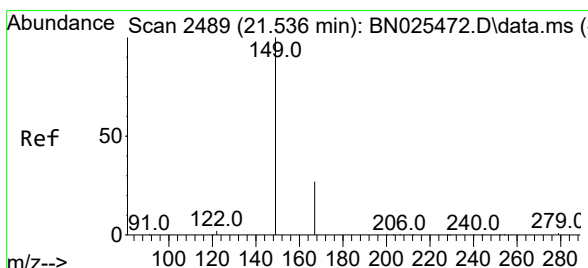
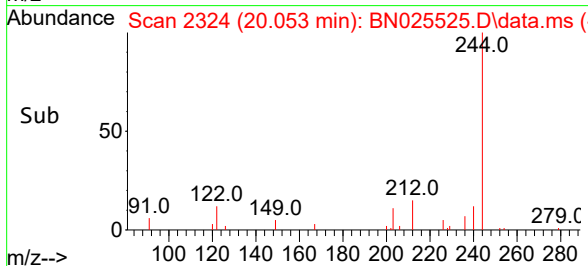
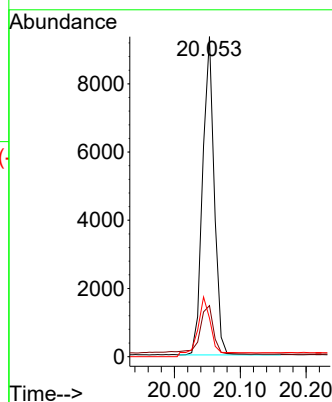
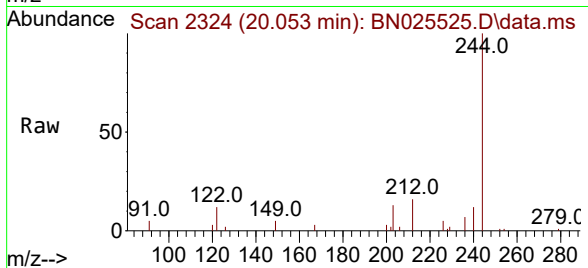
Tgt Ion:244 Resp: 11441

Ion Ratio Lower Upper

244 100

212 15.9 6.6 10.0#

122 12.1 8.1 12.1



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.458 ng

RT: 21.522 min Scan# 2488

Delta R.T. 0.004 min

Lab File: BN025525.D

Acq: 20 May 2023 15:19

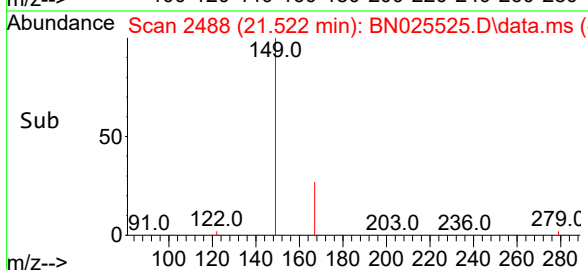
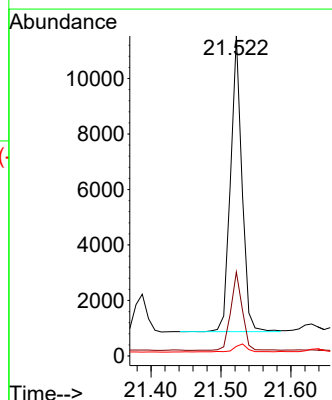
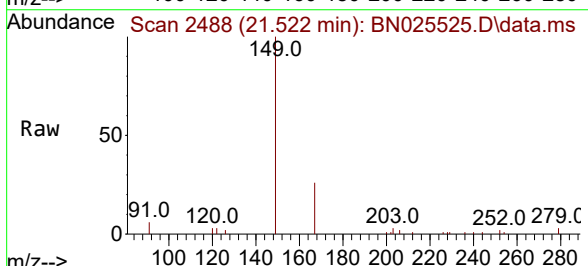
Tgt Ion:149 Resp: 12077

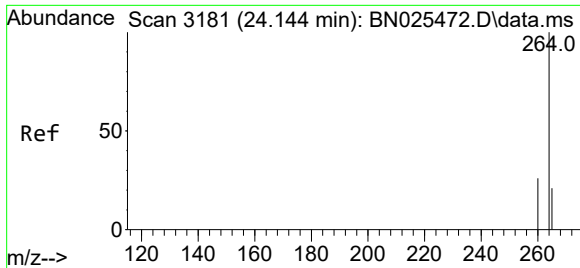
Ion Ratio Lower Upper

149 100

167 26.5 22.0 33.0

279 3.0 2.6 3.8





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.145 min Scan# 31

Delta R.T. 0.025 min

Lab File: BN025525.D

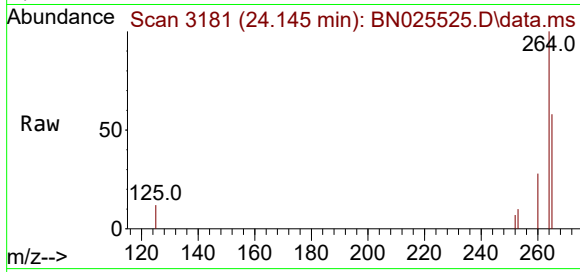
Acq: 20 May 2023 15:19

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW11-GW-238-240



Tgt Ion:264 Resp: 11119

Ion Ratio Lower Upper

264 100

260 27.7 21.2 31.8

265 58.1 27.1 40.7#

