

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101922\
 Data File : BN022184.D
 Acq On : 18 Oct 2022 19:18
 Operator : CG/JU
 Sample : N5149-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-918-920

Quant Time: Oct 19 02:09:55 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 02:07:41 2022
 Response via : Initial Calibration

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

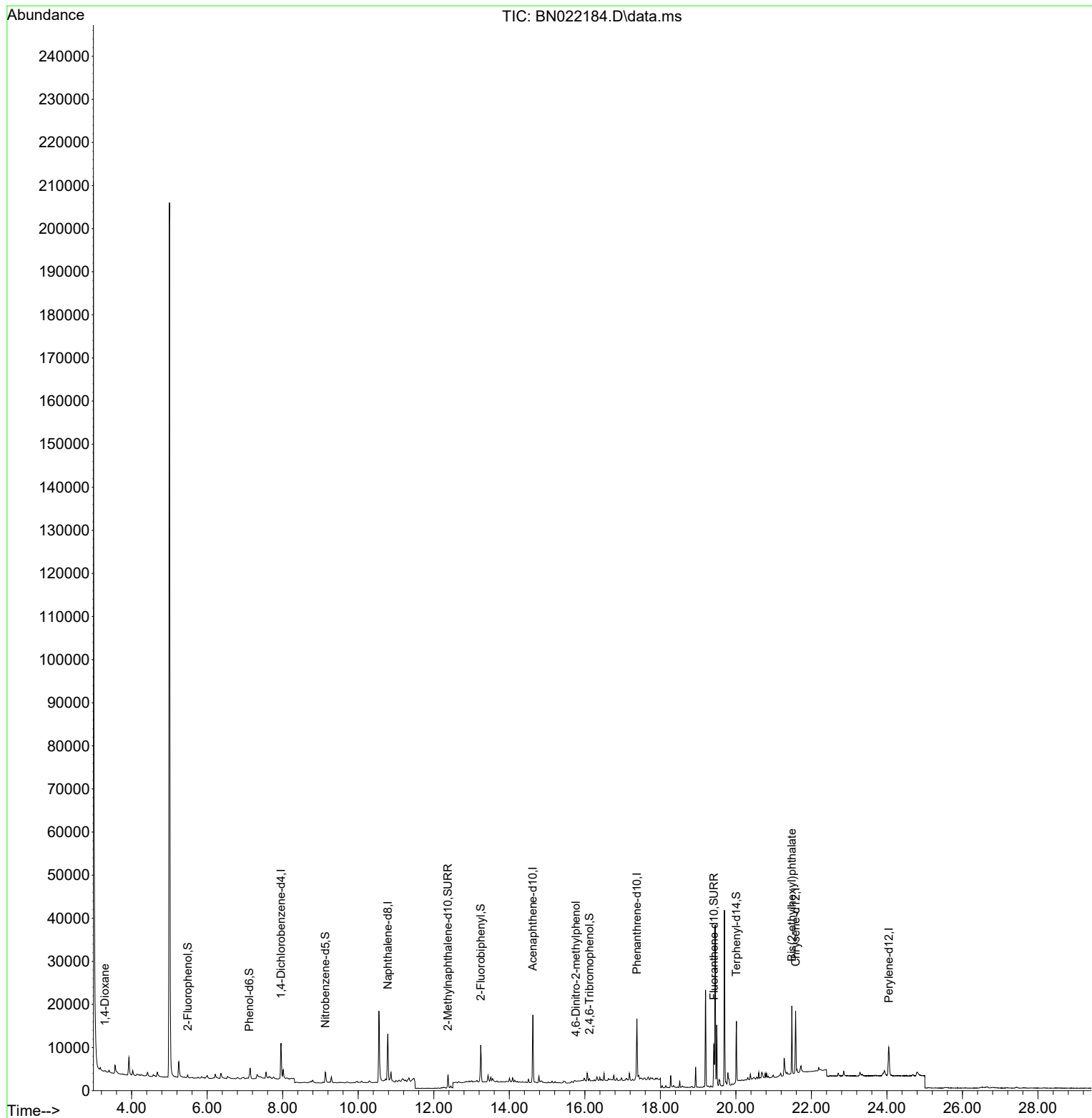
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	4089	0.400	ng	0.00
7) Naphthalene-d8	10.784	136	14171	0.400	ng	0.00
13) Acenaphthene-d10	14.625	164	8446	0.400	ng	0.00
19) Phenanthrene-d10	17.378	188	17553	0.400	ng	# 0.00
29) Chrysene-d12	21.582	240	12400	0.400	ng	0.00
35) Perylene-d12	24.049	264	9624	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.486	112	632	0.067	ng	0.00
5) Phenol-d6	7.111	99	605	0.049	ng	0.00
8) Nitrobenzene-d5	9.129	82	2373	0.208	ng	0.00
11) 2-Methylnaphthalene-d10	12.376	152	4296	0.165	ng	0.00
14) 2,4,6-Tribromophenol	16.125	330	325	0.101	ng	0.00
15) 2-Fluorobiphenyl	13.246	172	7271	0.197	ng	0.00
27) Fluoranthene-d10	19.419	212	10989	0.235	ng	0.00
31) Terphenyl-d14	20.014	244	8903	0.357	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.291	88	110	0.021	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.765	198	5	0.193	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.483	149	13804	0.617	ng	98

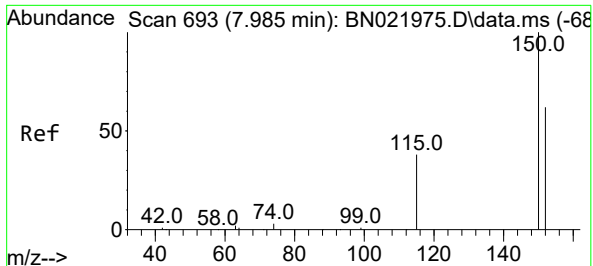
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-RW5-GW-918-920

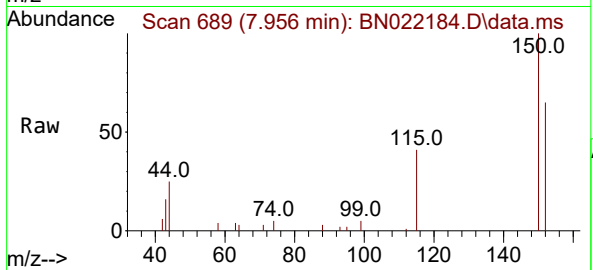
Quant Time: Oct 19 02:09:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
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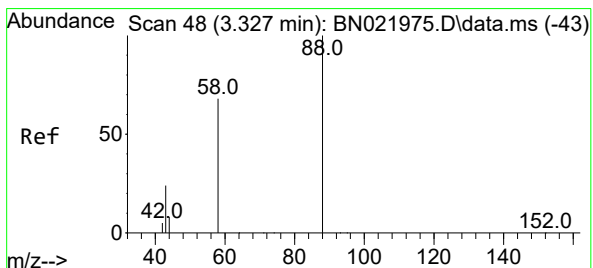
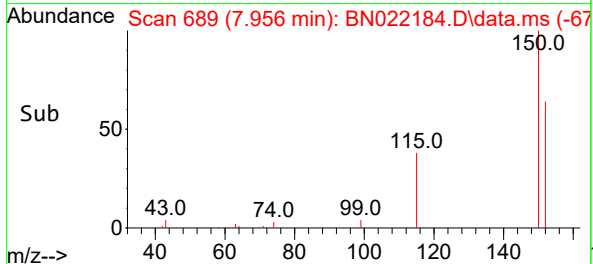
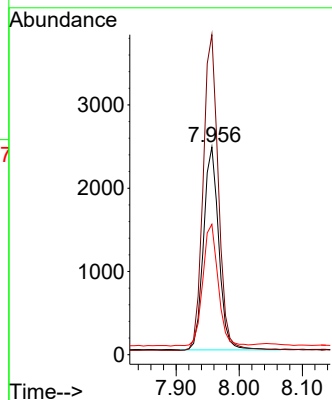


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.956 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN022184.D
Acq: 18 Oct 2022 19:18

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-918-920

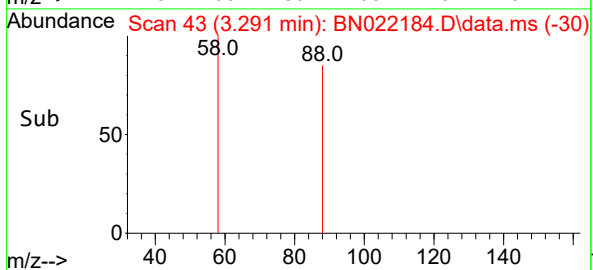
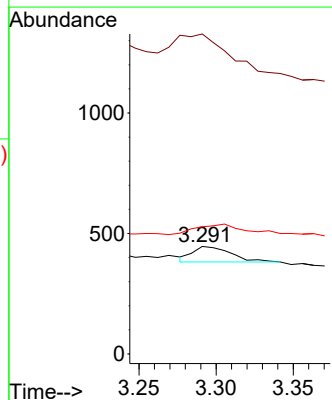
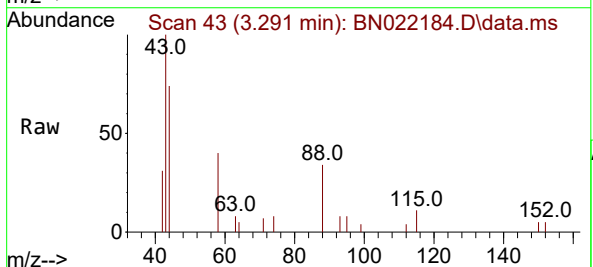


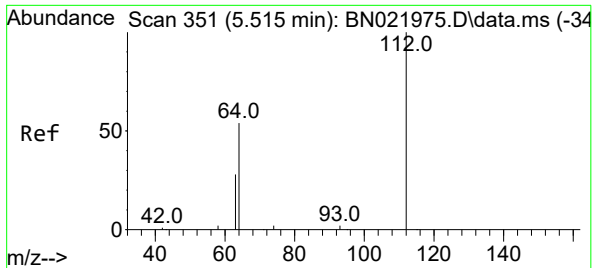
Tgt Ion:152 Resp: 4089
Ion Ratio Lower Upper
152 100
150 154.1 127.2 190.8
115 62.8 51.4 77.0



#2
1,4-Dioxane
Concen: 0.021 ng
RT: 3.291 min Scan# 43
Delta R.T. -0.007 min
Lab File: BN022184.D
Acq: 18 Oct 2022 19:18

Tgt Ion: 88 Resp: 110
Ion Ratio Lower Upper
88 100
43 363.6 22.6 34.0#
58 96.4 58.6 88.0#

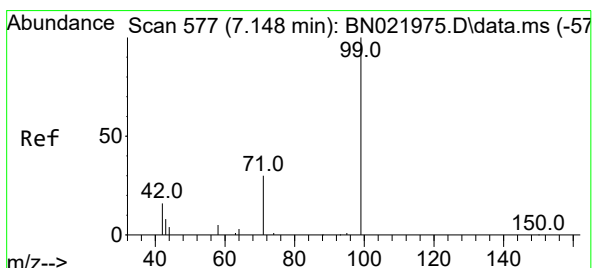
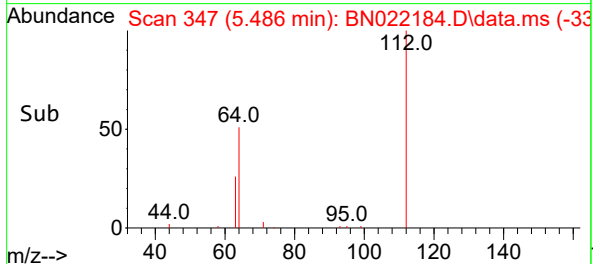
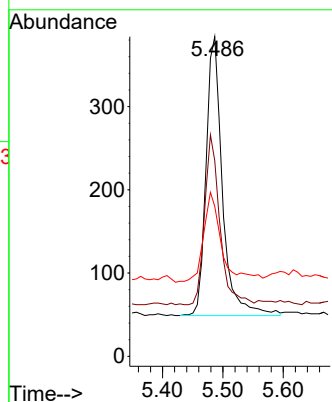
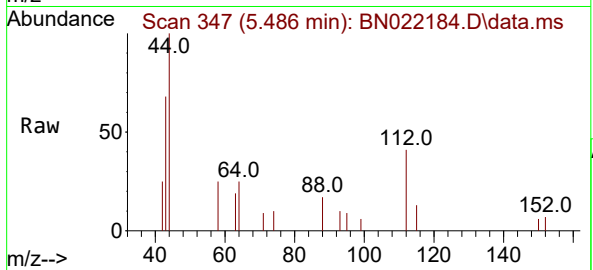




#4
2-Fluorophenol
Concen: 0.067 ng
RT: 5.486 min Scan# 347
Delta R.T. 0.007 min
Lab File: BN022184.D
Acq: 18 Oct 2022 19:18

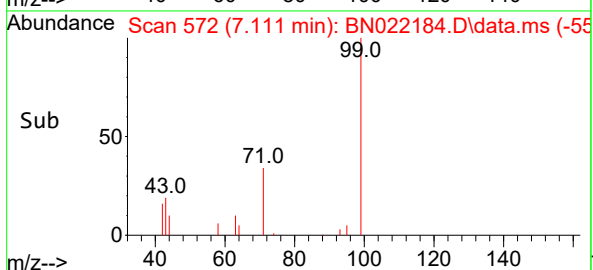
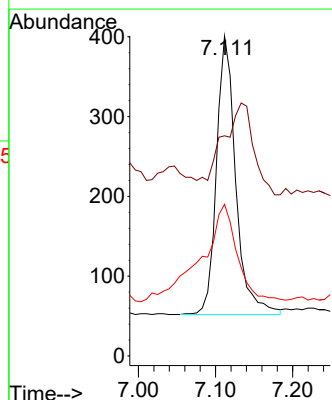
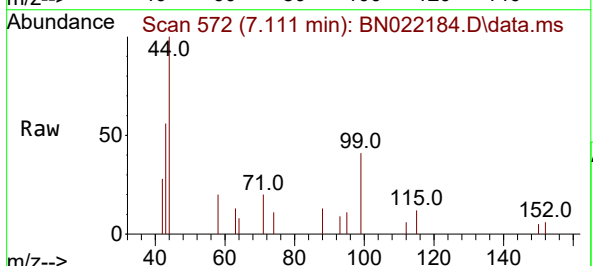
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-918-920

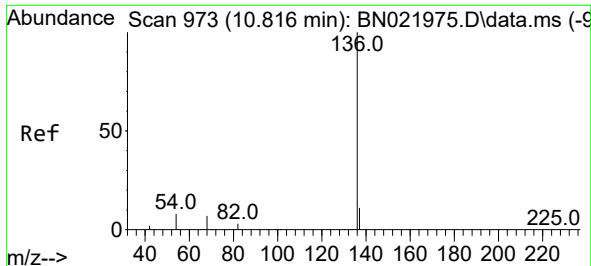
Tgt Ion:	112	Resp:	632
Ion Ratio	Lower	Upper	
112	100		
64	56.5	46.9	70.3
63	34.5	24.6	37.0



#5
Phenol-d6
Concen: 0.049 ng
RT: 7.111 min Scan# 572
Delta R.T. -0.000 min
Lab File: BN022184.D
Acq: 18 Oct 2022 19:18

Tgt Ion:	99	Resp:	605
Ion Ratio	Lower	Upper	
99	100		
42	0.0	15.9	23.9#
71	61.7	25.6	38.4#

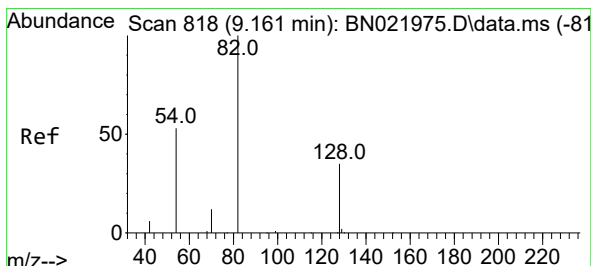
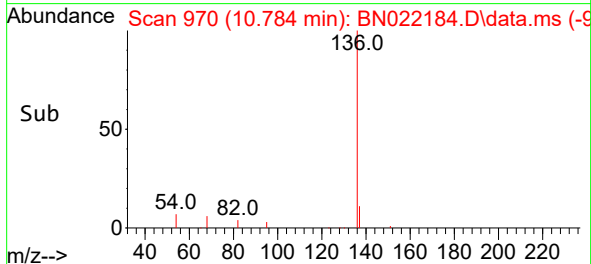
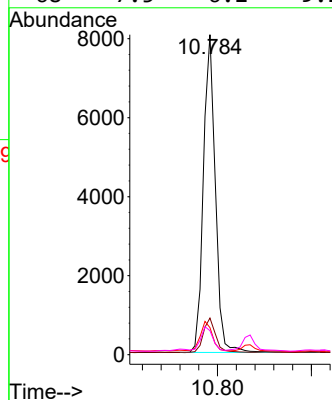
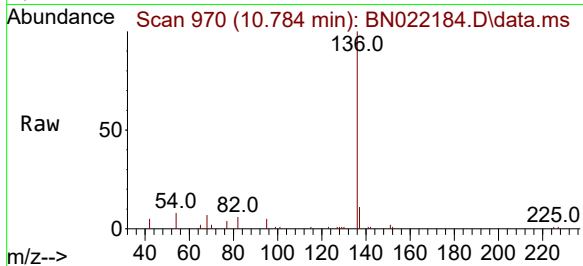




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.784 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN022184.D
Acq: 18 Oct 2022 19:18

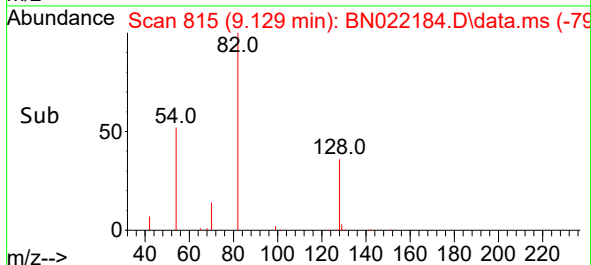
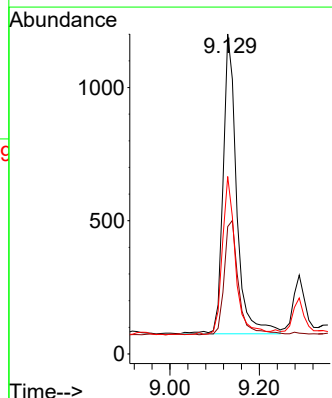
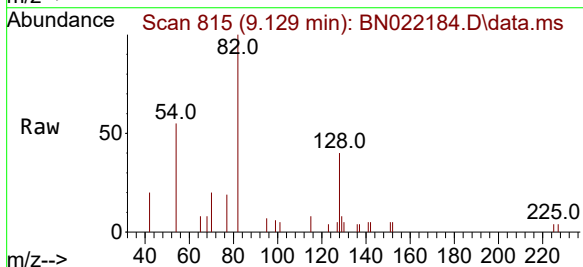
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-918-920

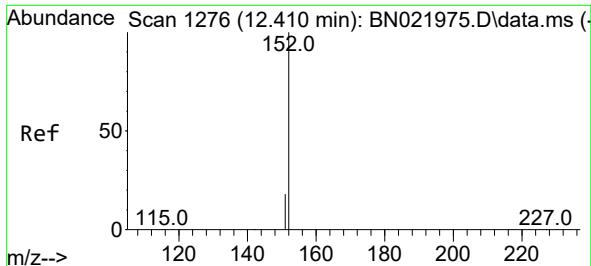
Tgt Ion:136	Resp:	14171
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.2 13.8
54	8.4	7.1 10.7
68	7.5	6.2 9.2



#8
Nitrobenzene-d5
Concen: 0.208 ng
RT: 9.129 min Scan# 815
Delta R.T. -0.000 min
Lab File: BN022184.D
Acq: 18 Oct 2022 19:18

Tgt Ion: 82	Resp:	2373
Ion Ratio	Lower	Upper
82	100	
128	39.8	29.9 44.9
54	55.5	43.5 65.3

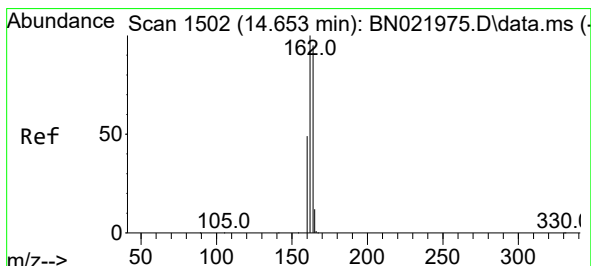
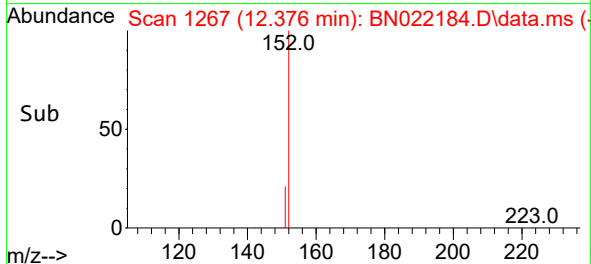
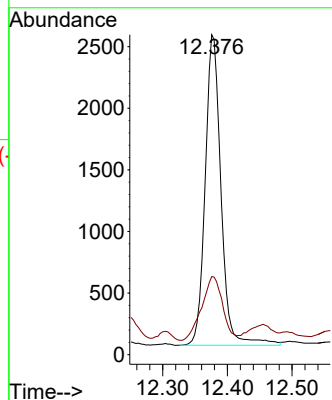
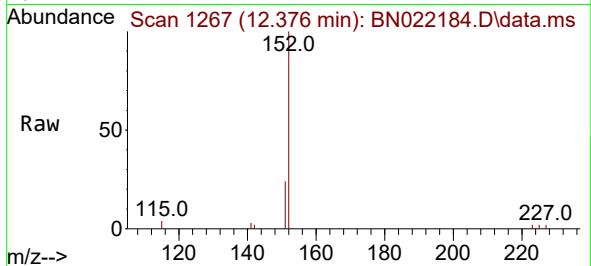




#11
2-Methylnaphthalene-d10
Concen: 0.165 ng
RT: 12.376 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN022184.D
Acq: 18 Oct 2022 19:18

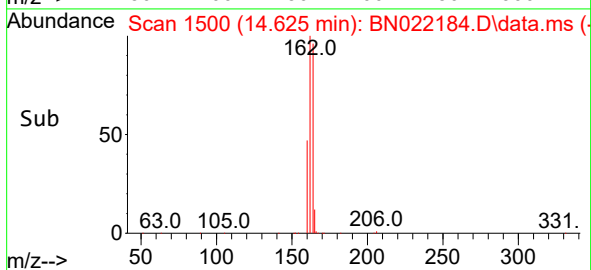
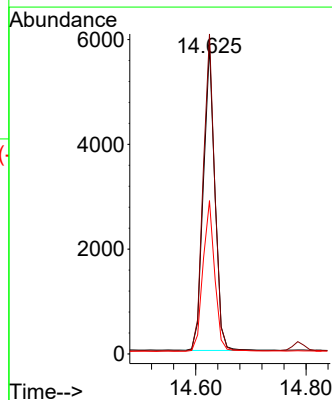
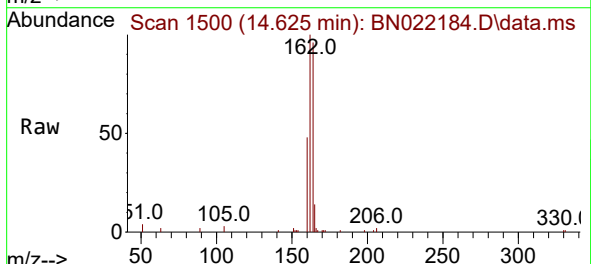
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-918-920

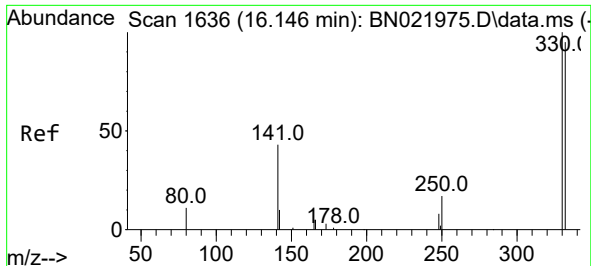
Tgt Ion:152 Resp: 4296
Ion Ratio Lower Upper
152 100
151 26.8 13.8 20.6#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.625 min Scan# 1500
Delta R.T. 0.004 min
Lab File: BN022184.D
Acq: 18 Oct 2022 19:18

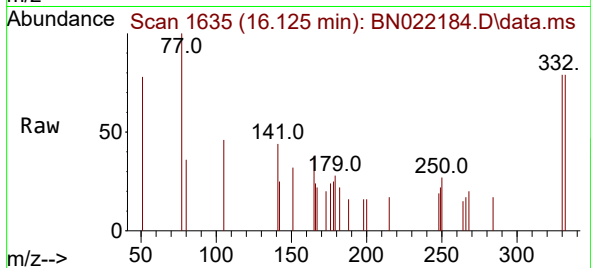
Tgt Ion:164 Resp: 8446
Ion Ratio Lower Upper
164 100
162 103.9 84.3 126.5
160 49.8 41.7 62.5



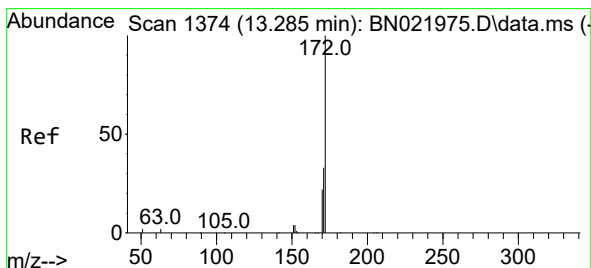
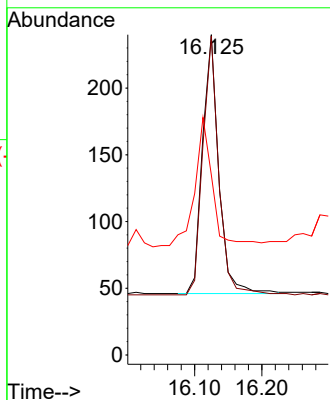
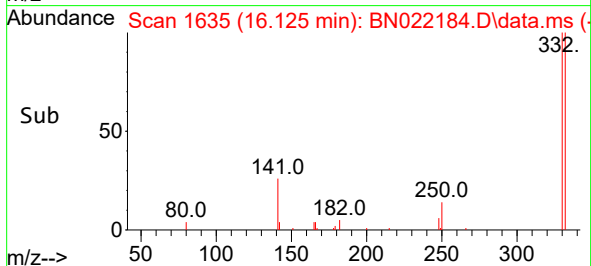


#14
2,4,6-Tribromophenol
Concen: 0.101 ng
RT: 16.125 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN022184.D
Acq: 18 Oct 2022 19:18

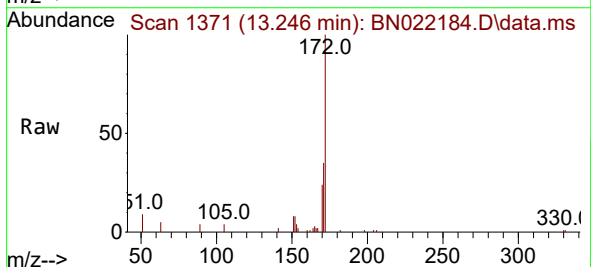
Instrument :
BNA_N
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BP-VPB-RW5-GW-918-920



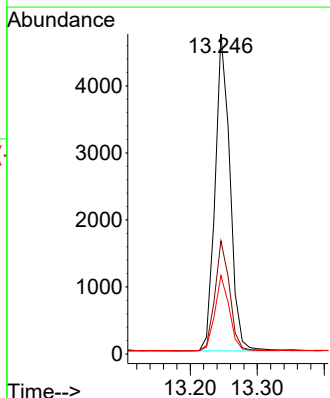
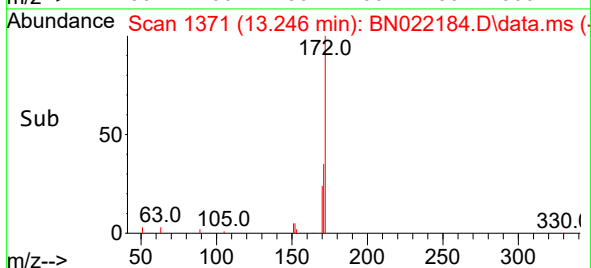
Tgt Ion:330 Resp: 325
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.4
141 52.6 35.3 52.9

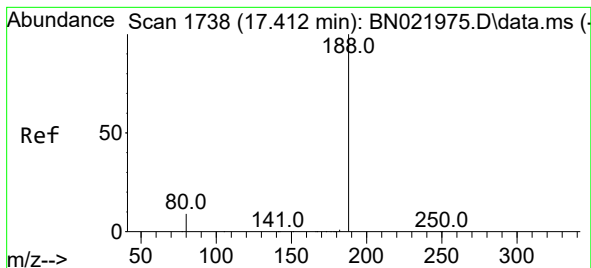


#15
2-Fluorobiphenyl
Concen: 0.197 ng
RT: 13.246 min Scan# 1371
Delta R.T. -0.007 min
Lab File: BN022184.D
Acq: 18 Oct 2022 19:18



Tgt Ion:172 Resp: 7271
Ion Ratio Lower Upper
172 100
171 35.4 27.2 40.8
170 24.5 18.3 27.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.378 min Scan# 11

Delta R.T. -0.009 min

Lab File: BN022184.D

Acq: 18 Oct 2022 19:18

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW5-GW-918-920

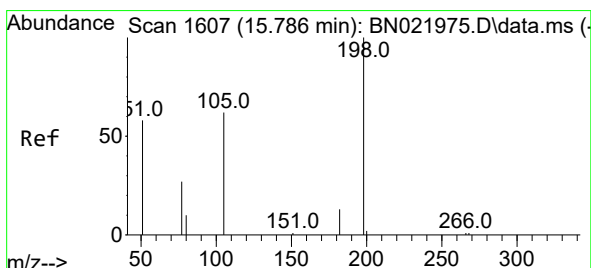
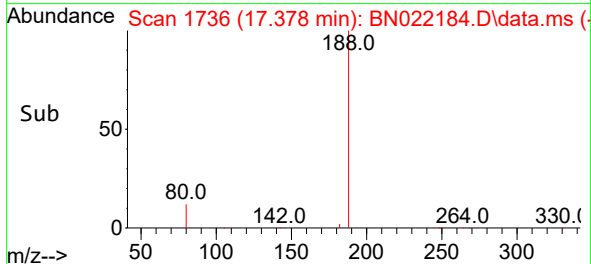
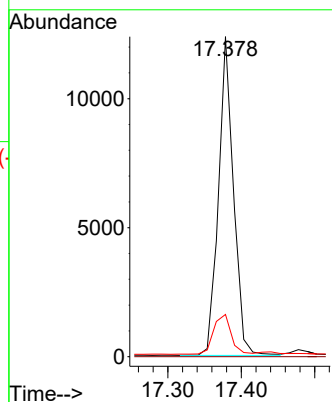
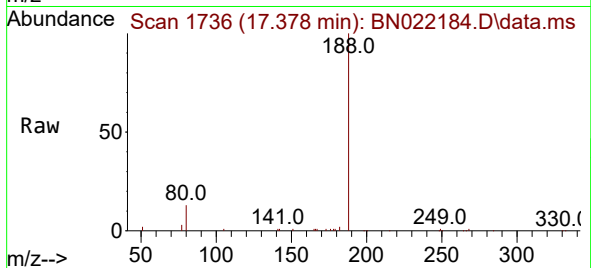
Tgt Ion:188 Resp: 17553

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.2 7.5 11.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.193 ng

RT: 15.765 min Scan# 1606

Delta R.T. -0.009 min

Lab File: BN022184.D

Acq: 18 Oct 2022 19:18

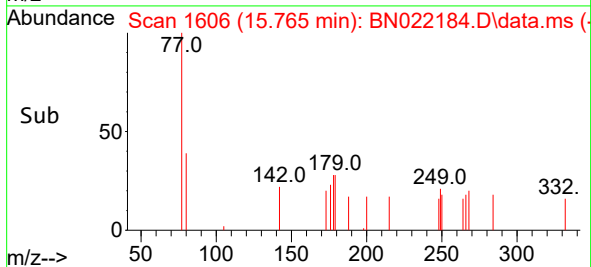
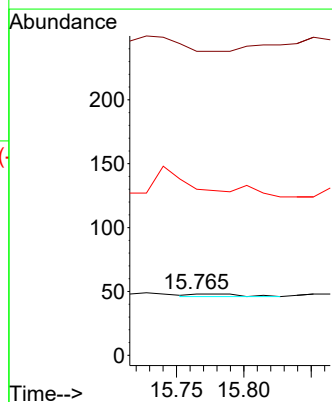
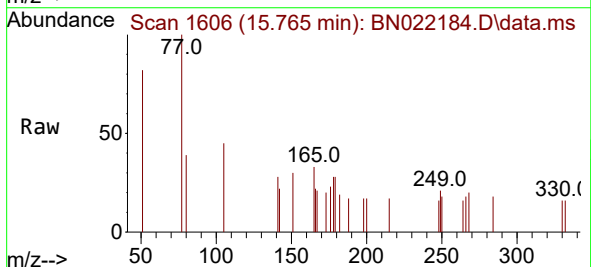
Tgt Ion:198 Resp: 5

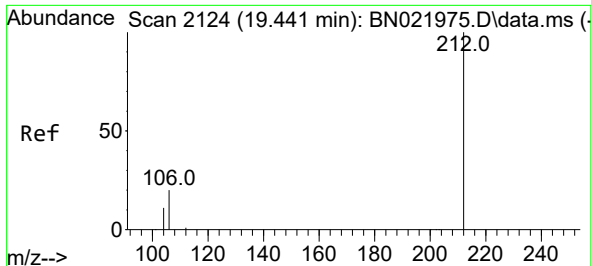
Ion Ratio Lower Upper

198 100

51 495.8 96.6 144.8#

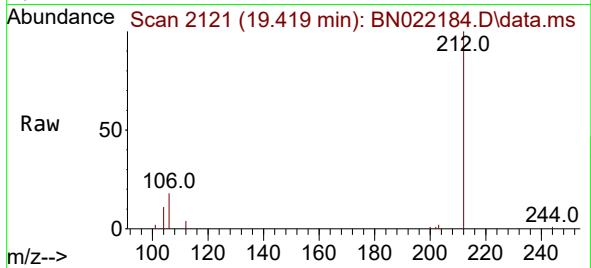
105 270.8 64.4 96.6#



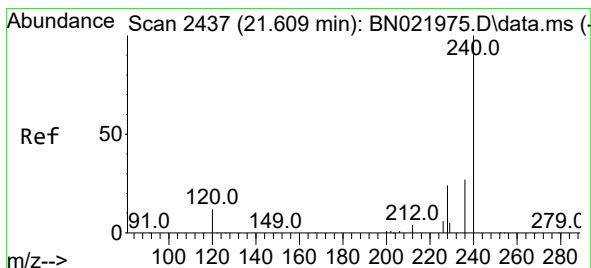
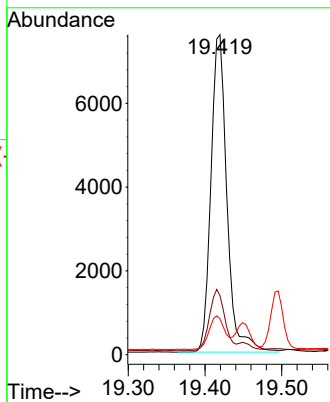
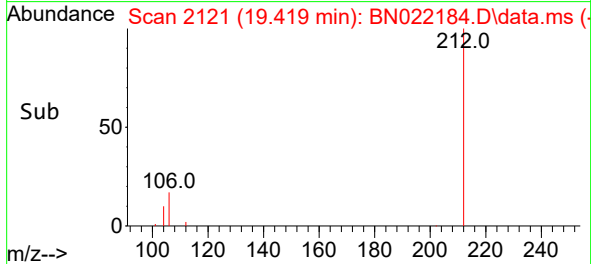


#27
Fluoranthene-d10
Concen: 0.235 ng
RT: 19.419 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BN022184.D
Acq: 18 Oct 2022 19:18

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW5-GW-918-920

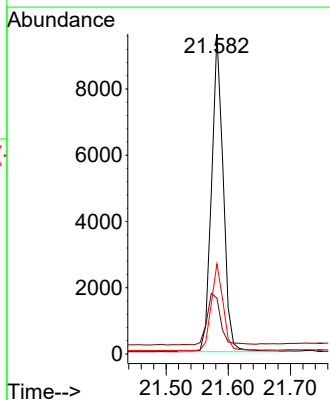
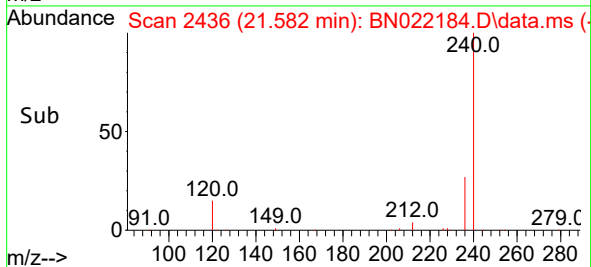
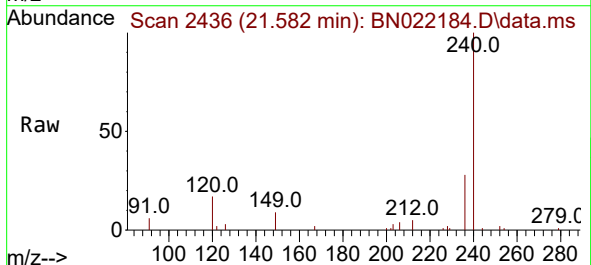


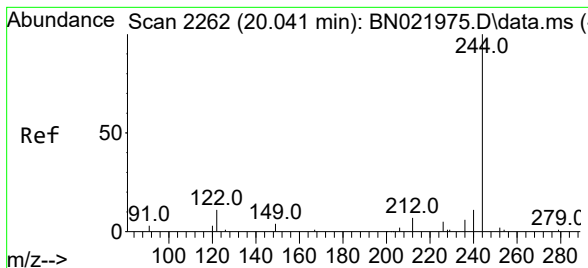
Tgt Ion:212 Resp: 10989
Ion Ratio Lower Upper
212 100
106 18.4 15.2 22.8
104 10.3 8.6 13.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.582 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BN022184.D
Acq: 18 Oct 2022 19:18

Tgt Ion:240 Resp: 12400
Ion Ratio Lower Upper
240 100
120 17.5 11.8 17.6
236 28.1 22.4 33.6





#31

Terphenyl-d14

Concen: 0.357 ng

RT: 20.014 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN022184.D

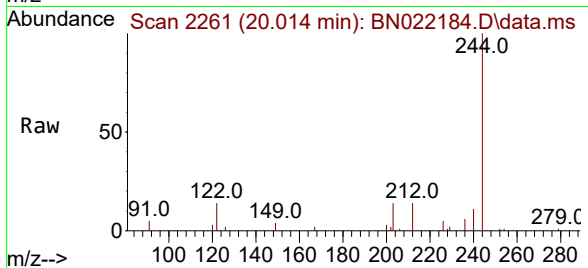
Acq: 18 Oct 2022 19:18

Instrument :

BNA_N

ClientSampleId :

BP-VPB-RW5-GW-918-920



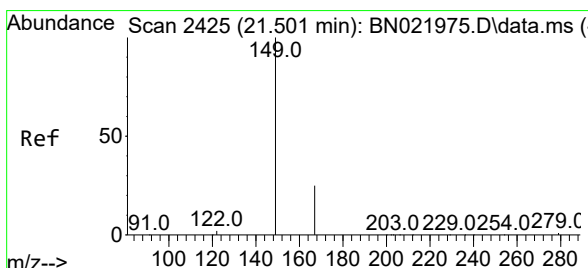
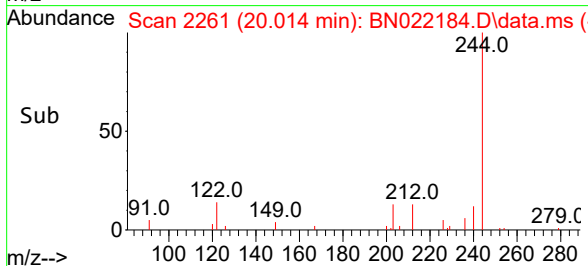
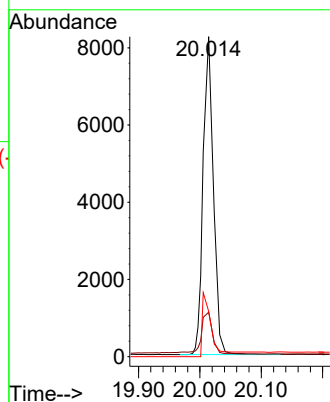
Tgt Ion:244 Resp: 8903

Ion Ratio Lower Upper

244 100

212 13.9 6.5 9.7#

122 14.2 9.1 13.7#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.617 ng

RT: 21.483 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BN022184.D

Acq: 18 Oct 2022 19:18

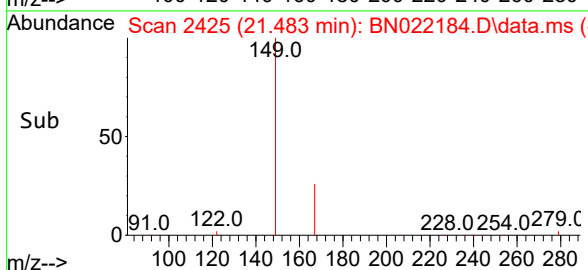
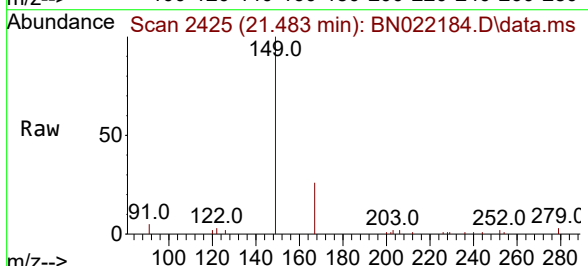
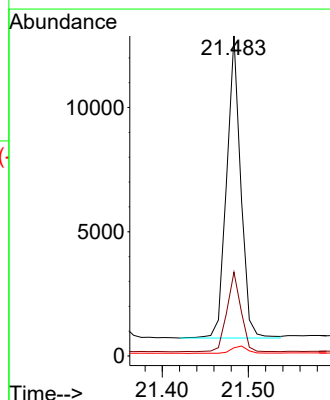
Tgt Ion:149 Resp: 13804

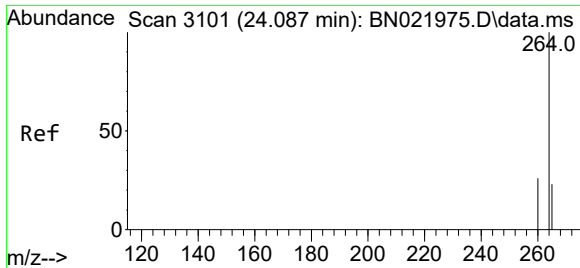
Ion Ratio Lower Upper

149 100

167 26.2 20.2 30.4

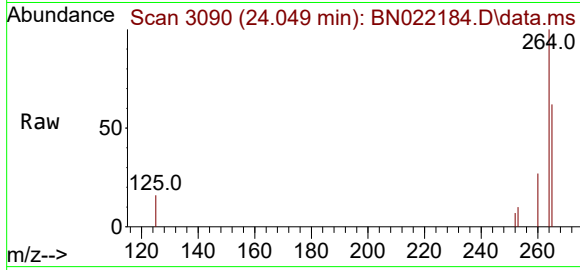
279 2.8 2.3 3.5





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.049 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BN022184.D
 Acq: 18 Oct 2022 19:18

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW5-GW-918-920



Tgt Ion:264 Resp: 9624

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.3	31.9
265	61.8	63.0	94.4#

