

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
 Data File : BN032078.D
 Acq On : 19 Jun 2024 21:16
 Operator : MA/JU
 Sample : P2838-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-320-322

Quant Time: Jun 19 23:32:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

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

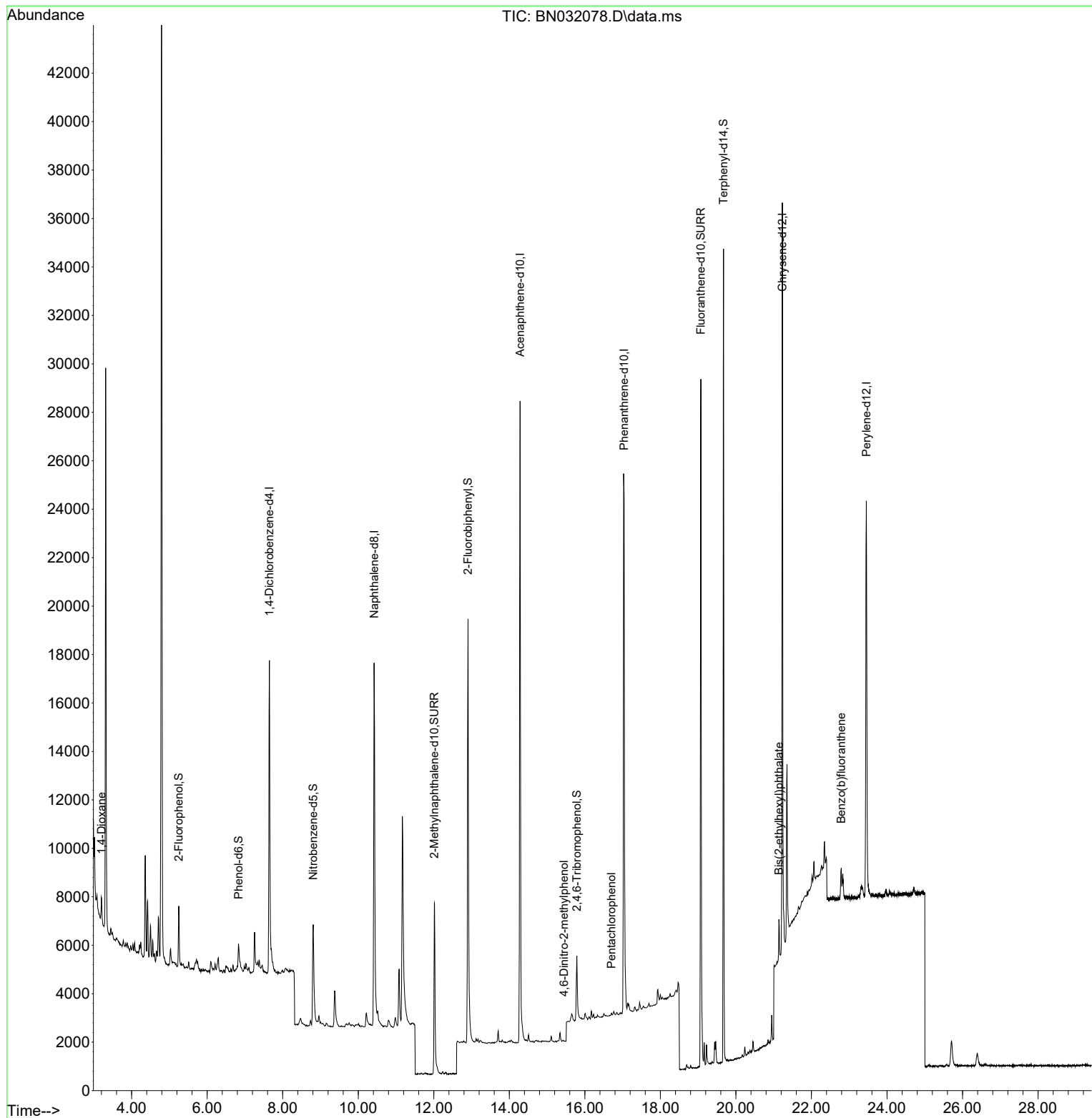
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	7351	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	25308	0.400	ng	0.00
13) Acenaphthene-d10	14.285	164	17199	0.400	ng	0.00
19) Phenanthrene-d10	17.041	188	38505	0.400	ng	0.01
29) Chrysene-d12	21.229	240	28596	0.400	ng	# 0.00
35) Perylene-d12	23.455	264	23377	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	2324	0.111	ng	0.00
5) Phenol-d6	6.830	99	1668	0.061	ng	0.00
8) Nitrobenzene-d5	8.809	82	5303	0.252	ng	0.01
11) 2-Methylnaphthalene-d10	12.017	152	11840	0.294	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	1906	0.231	ng	0.00
15) 2-Fluorobiphenyl	12.906	172	19660	0.301	ng	0.00
27) Fluoranthene-d10	19.072	212	34267	0.327	ng	0.00
31) Terphenyl-d14	19.672	244	31458	0.450	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	753	0.084	ng	# 48
20) 4,6-Dinitro-2-methylph...	15.450	198	10	0.176	ng	# 1
24) Pentachlorophenol	16.706	266	104	0.178	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.139	149	1878	0.026	ng	# 92
37) Benzo(b)fluoranthene	22.788	252	1727	0.020	ng	# 1

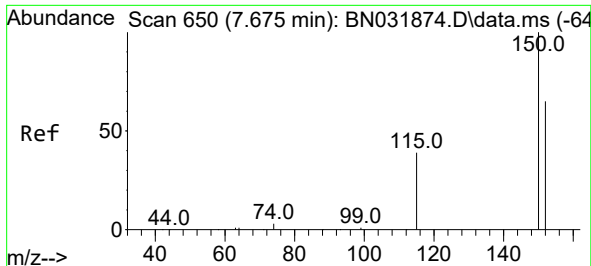
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
Data File : BN032078.D
Acq On : 19 Jun 2024 21:16
Operator : MA/JU
Sample : P2838-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-320-322

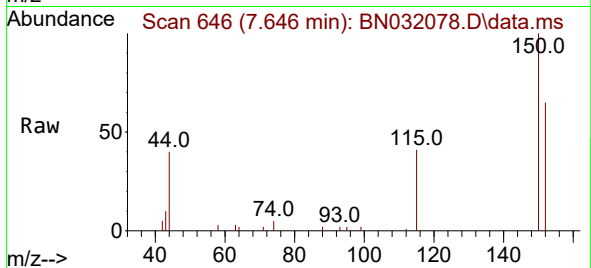
Quant Time: Jun 19 23:32:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration



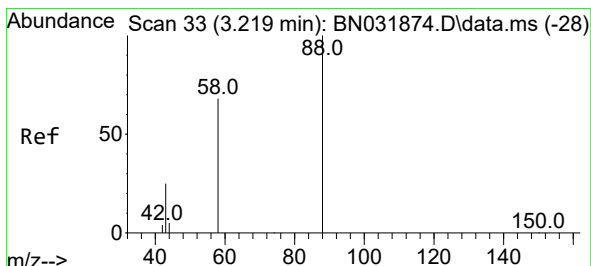
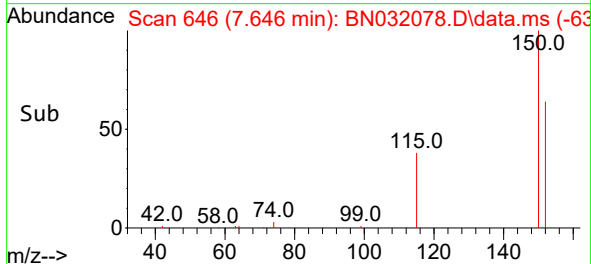
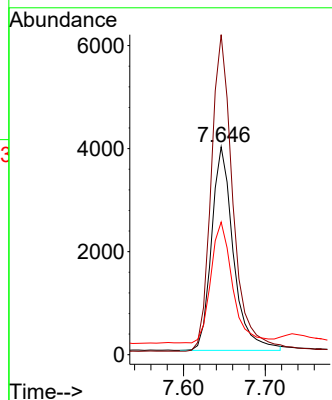


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.646 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN032078.D
Acq: 19 Jun 2024 21:16

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-320-322

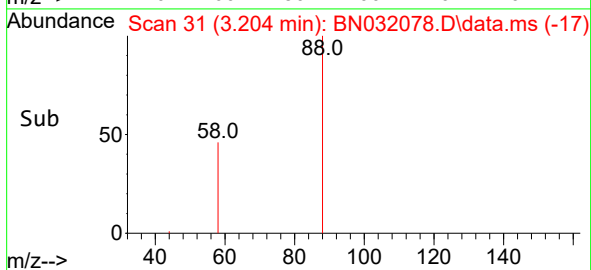
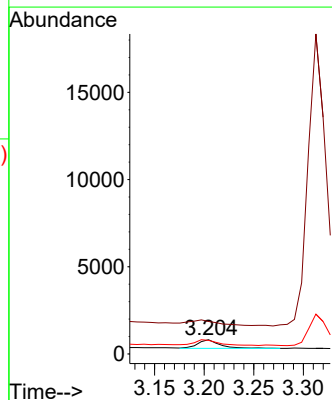
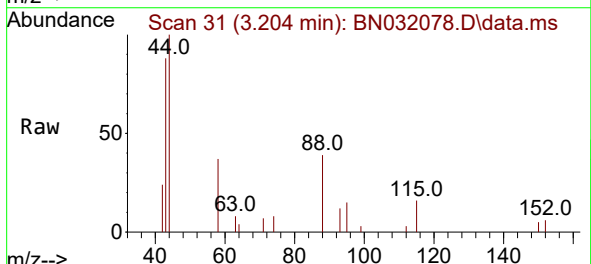


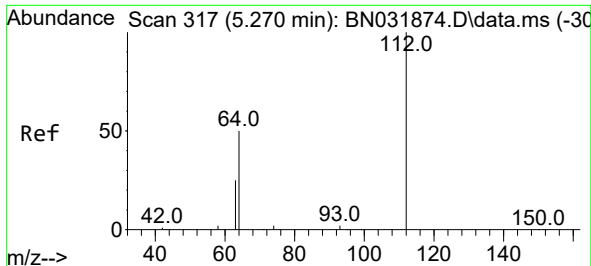
Tgt Ion:152 Resp: 7351
Ion Ratio Lower Upper
152 100
150 154.0 121.0 181.4
115 63.8 49.4 74.0



#2
1,4-Dioxane
Concen: 0.084 ng
RT: 3.204 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN032078.D
Acq: 19 Jun 2024 21:16

Tgt Ion: 88 Resp: 753
Ion Ratio Lower Upper
88 100
43 110.8 22.7 34.1#
58 69.1 51.3 76.9

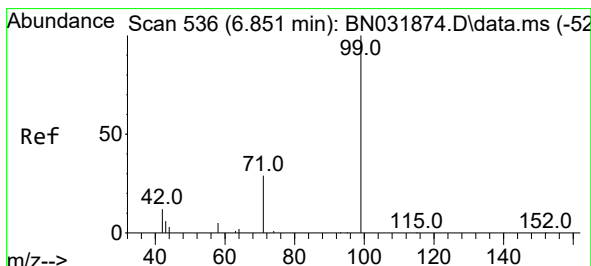
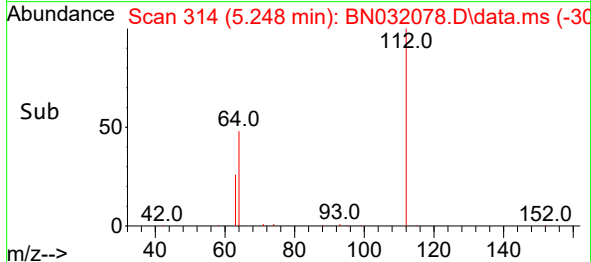
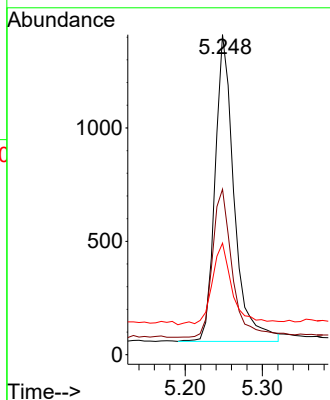
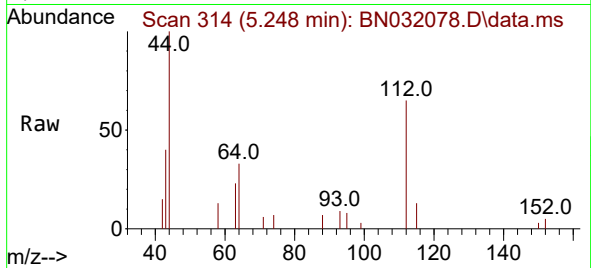




#4
2-Fluorophenol
Concen: 0.111 ng
RT: 5.248 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN032078.D
Acq: 19 Jun 2024 21:16

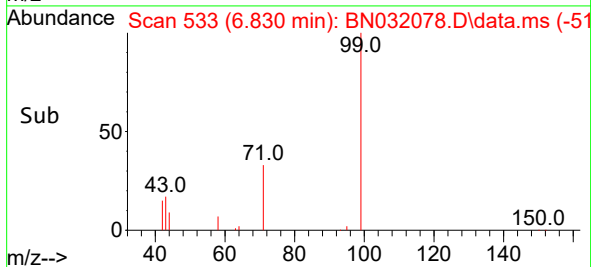
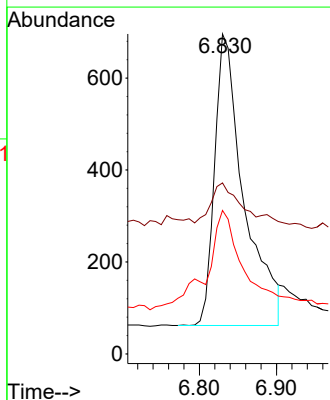
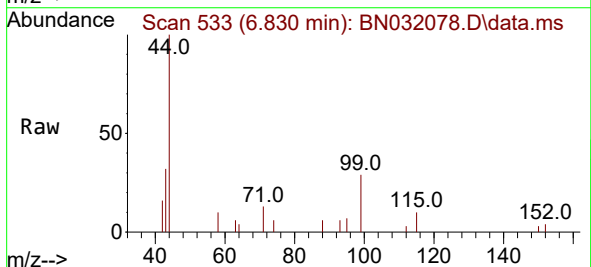
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-320-322

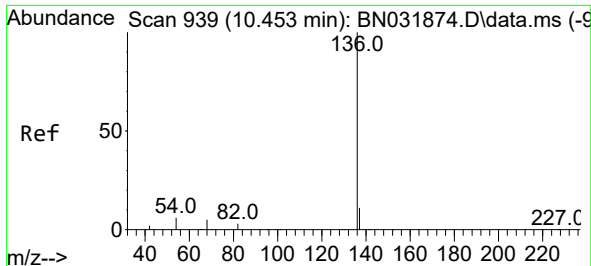
Tgt Ion:112 Resp: 2324
Ion Ratio Lower Upper
112 100
64 50.0 42.4 63.6
63 28.6 22.1 33.1



#5
Phenol-d6
Concen: 0.061 ng
RT: 6.830 min Scan# 533
Delta R.T. -0.000 min
Lab File: BN032078.D
Acq: 19 Jun 2024 21:16

Tgt Ion: 99 Resp: 1668
Ion Ratio Lower Upper
99 100
42 14.0 12.8 19.2
71 38.2 25.4 38.2#

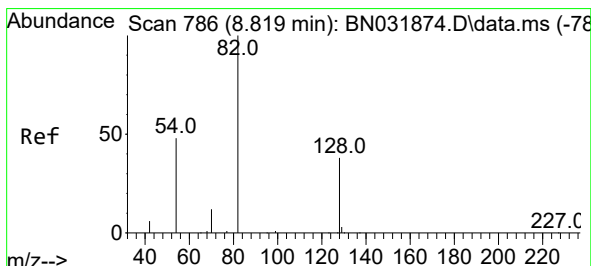
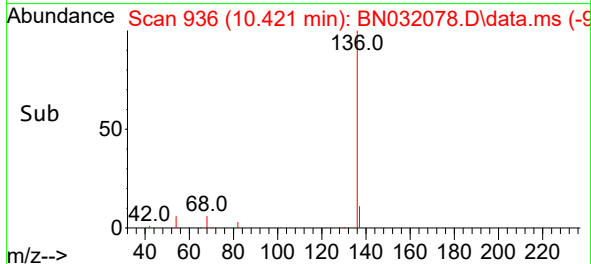
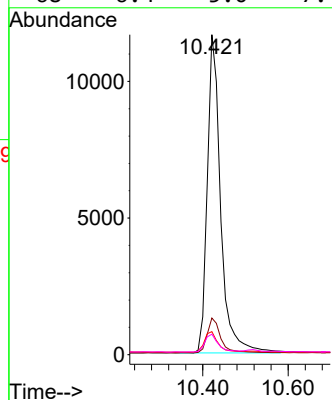
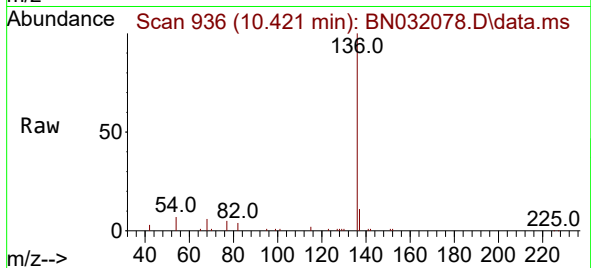




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN032078.D
Acq: 19 Jun 2024 21:16

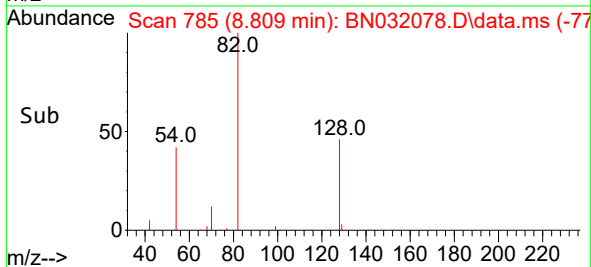
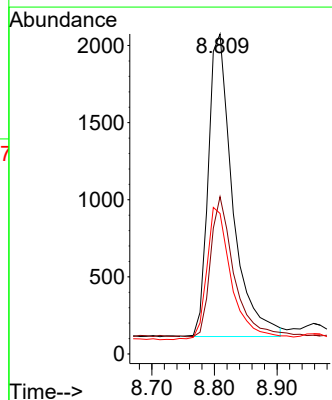
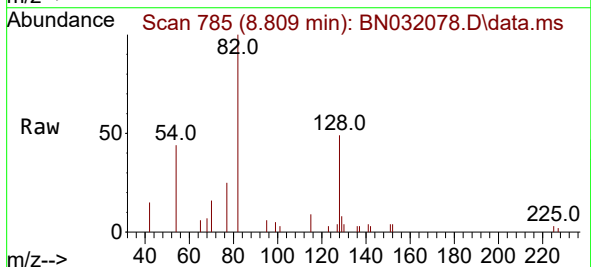
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-320-322

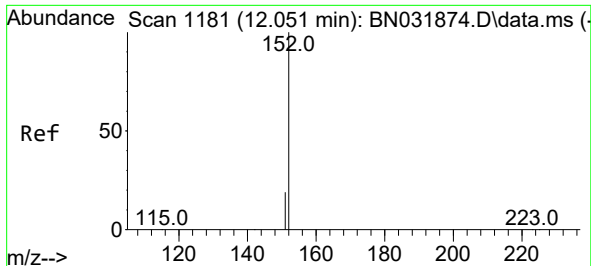
Tgt Ion:	136	Resp:	25308
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	7.2	5.6	8.4
68	6.4	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.252 ng
RT: 8.809 min Scan# 785
Delta R.T. 0.011 min
Lab File: BN032078.D
Acq: 19 Jun 2024 21:16

Tgt Ion:	82	Resp:	5303
Ion Ratio	Lower	Upper	
82	100		
128	49.2	32.1	48.1#
54	43.9	39.7	59.5





#11

2-Methylnaphthalene-d10

Concen: 0.294 ng

RT: 12.017 min Scan# 1181

Delta R.T. -0.004 min

Lab File: BN032078.D

Acq: 19 Jun 2024 21:16

Instrument :

BNA_N

ClientSampleId :

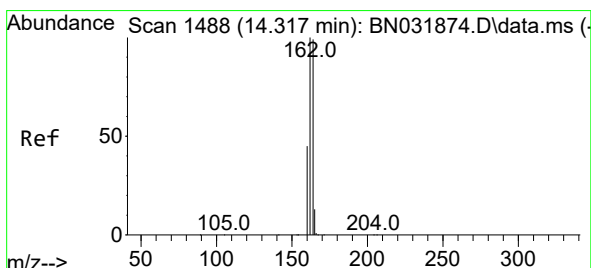
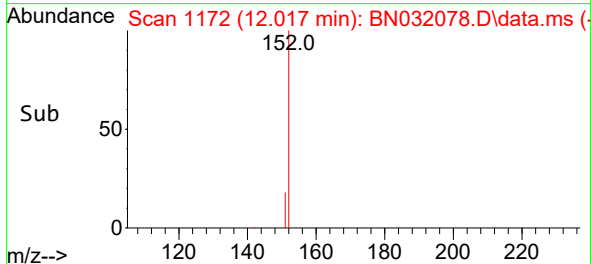
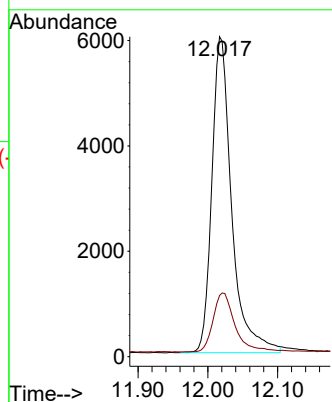
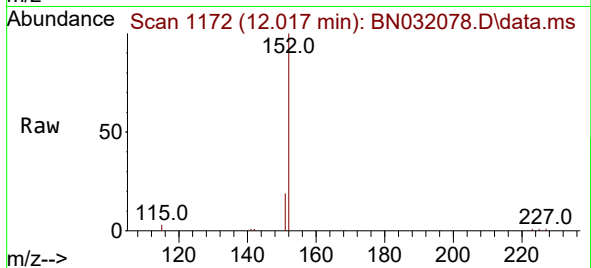
BP-VPB-196-GW-320-322

Tgt Ion:152 Resp: 11840

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.285 min Scan# 1485

Delta R.T. -0.000 min

Lab File: BN032078.D

Acq: 19 Jun 2024 21:16

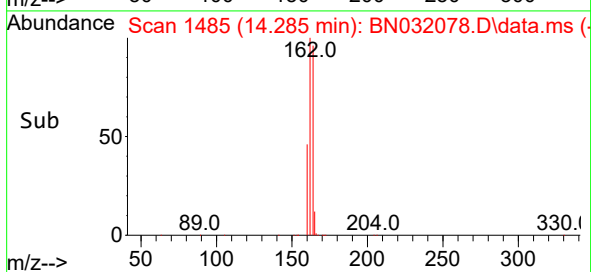
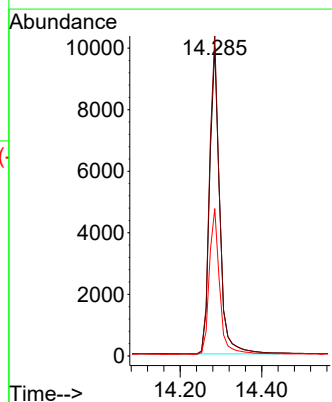
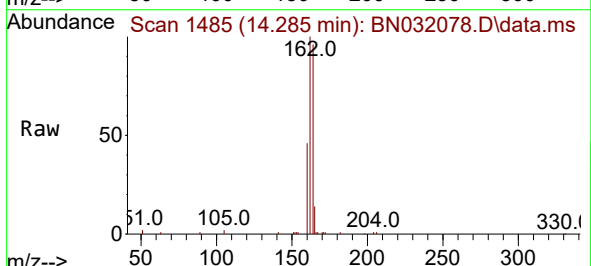
Tgt Ion:164 Resp: 17199

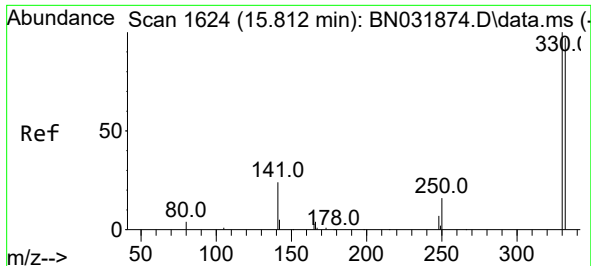
Ion Ratio Lower Upper

164 100

162 103.8 80.7 121.1

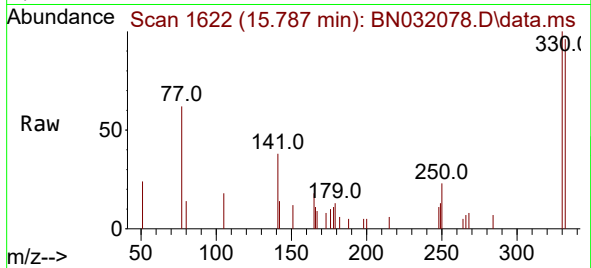
160 47.8 36.2 54.4



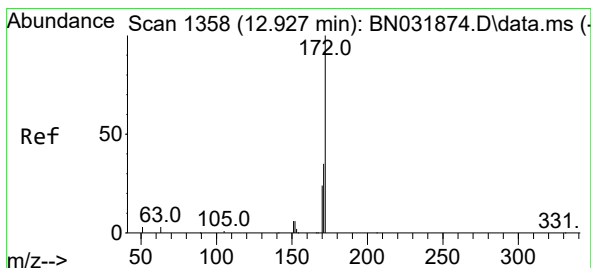
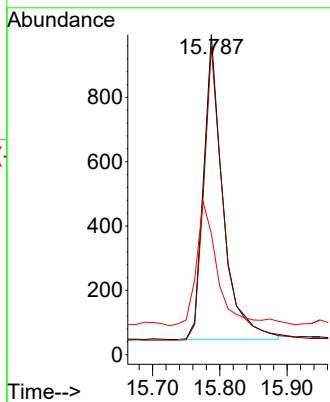
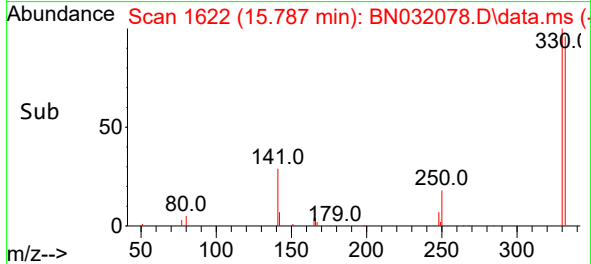


#14
2,4,6-Tribromophenol
Concen: 0.231 ng
RT: 15.787 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN032078.D
Acq: 19 Jun 2024 21:16

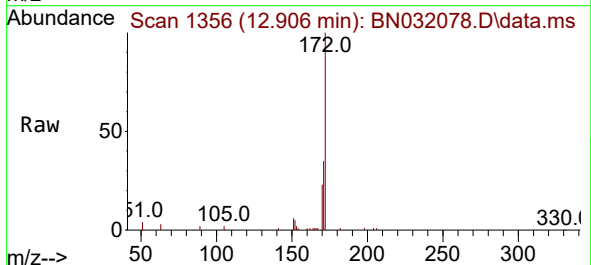
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-320-322



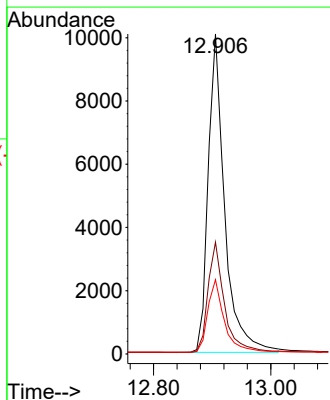
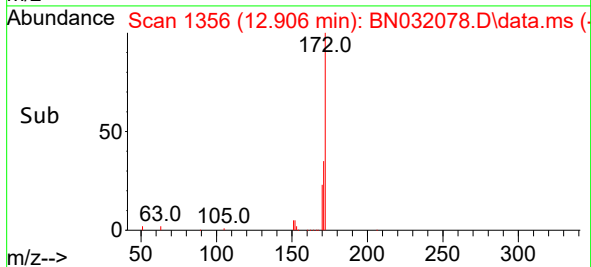
Tgt Ion:330 Resp: 1906
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 44.8 34.7 52.1

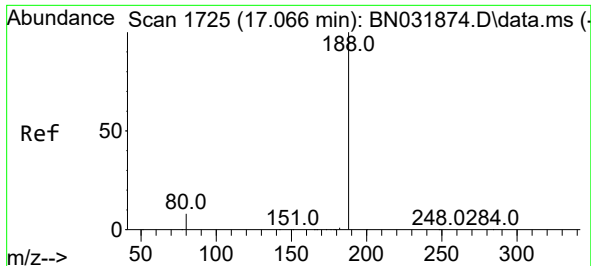


#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 12.906 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BN032078.D
Acq: 19 Jun 2024 21:16



Tgt Ion:172 Resp: 19660
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.2 19.2 28.8

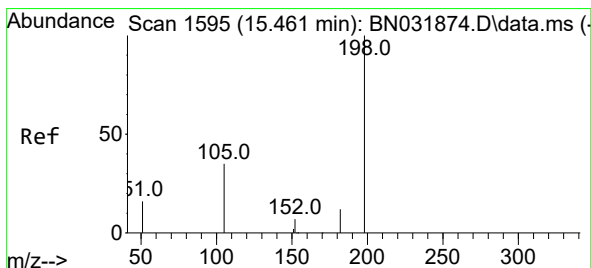
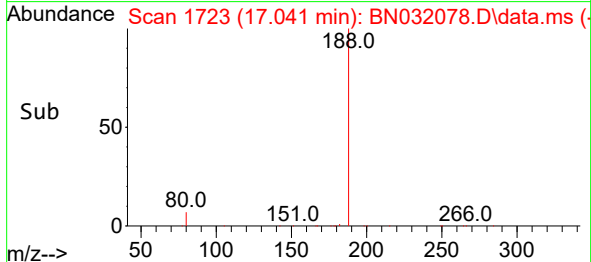
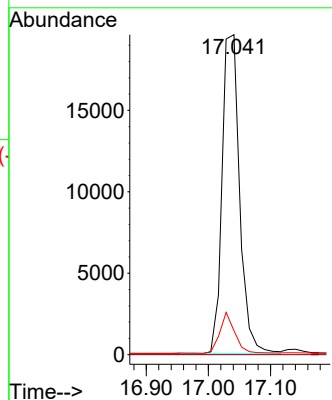
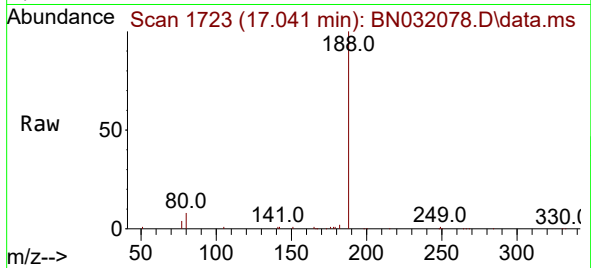




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.041 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN032078.D
Acq: 19 Jun 2024 21:16

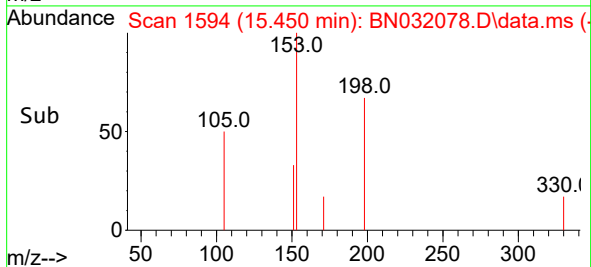
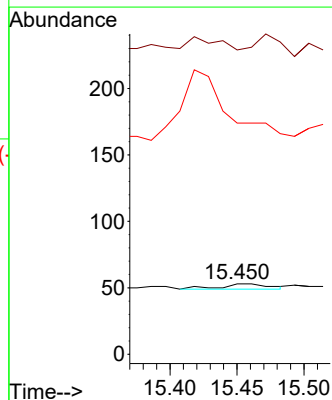
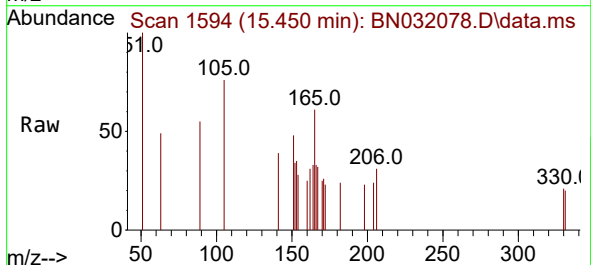
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-320-322

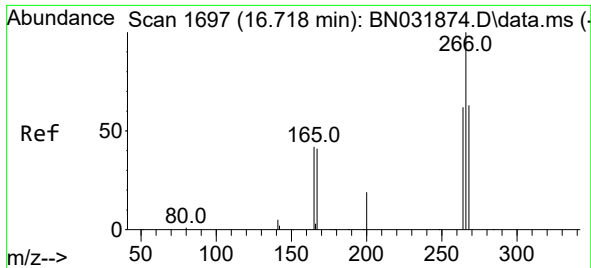
Tgt Ion:188 Resp: 38505
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 6.4 9.6



#20
4,6-Dinitro-2-methylphenol
Concen: 0.176 ng
RT: 15.450 min Scan# 1594
Delta R.T. 0.011 min
Lab File: BN032078.D
Acq: 19 Jun 2024 21:16

Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 432.1 42.7 64.1#
105 328.3 41.8 62.8#

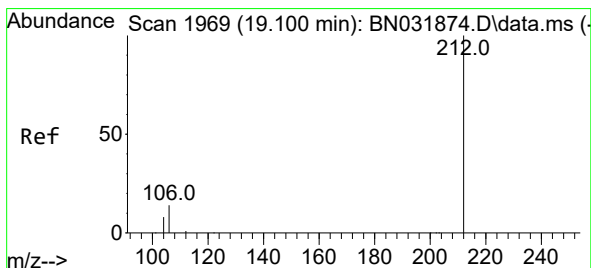
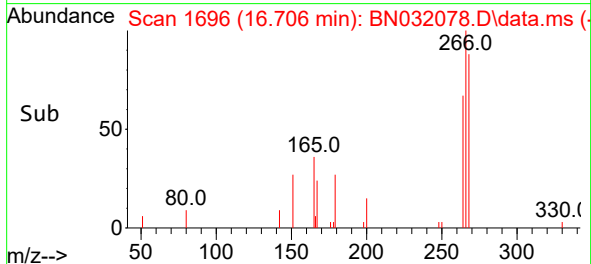
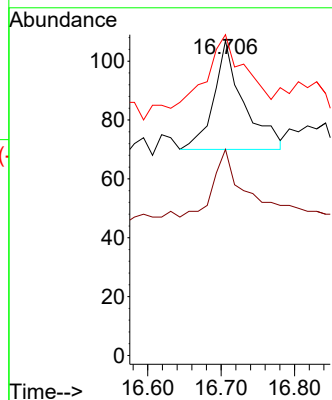
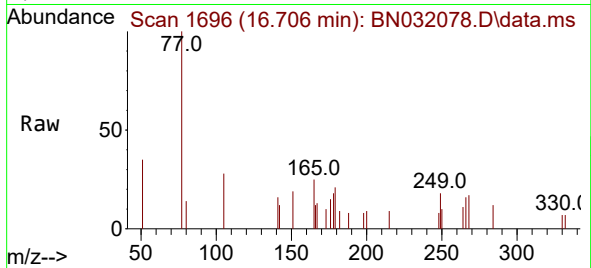




#24
 Pentachlorophenol
 Concen: 0.178 ng
 RT: 16.706 min Scan# 1696
 Delta R.T. 0.012 min
 Lab File: BN032078.D
 Acq: 19 Jun 2024 21:16

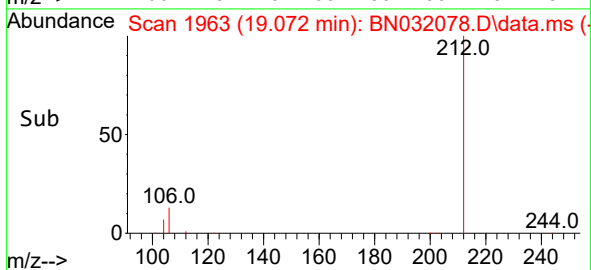
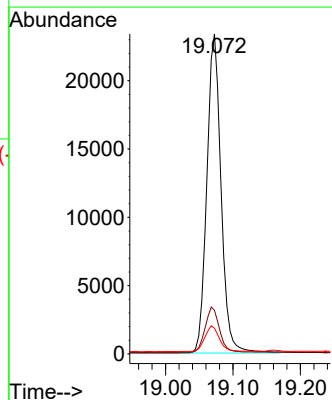
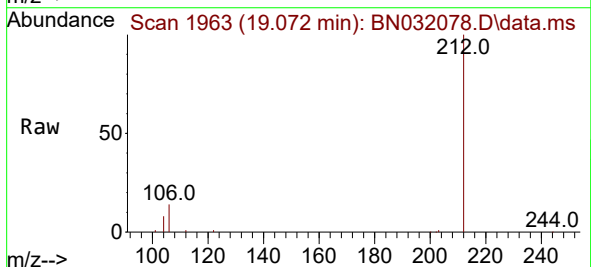
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-320-322

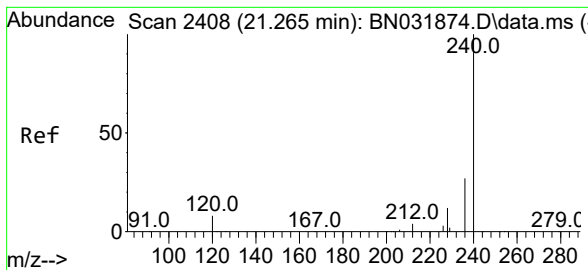
Tgt Ion:266 Resp: 104
 Ion Ratio Lower Upper
 266 100
 264 68.3 50.0 75.0
 268 85.6 51.0 76.6#



#27
 Fluoranthene-d10
 Concen: 0.327 ng
 RT: 19.072 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: BN032078.D
 Acq: 19 Jun 2024 21:16

Tgt Ion:212 Resp: 34267
 Ion Ratio Lower Upper
 212 100
 106 14.4 11.8 17.8
 104 8.2 6.6 10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.229 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BN032078.D

Acq: 19 Jun 2024 21:16

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-320-322

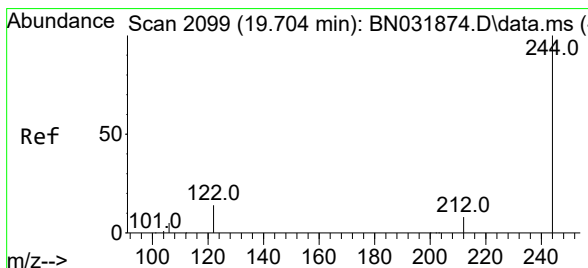
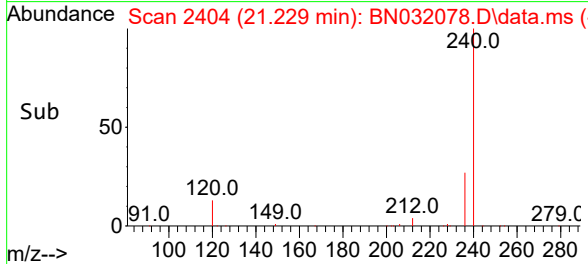
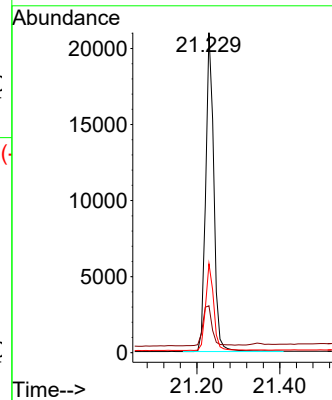
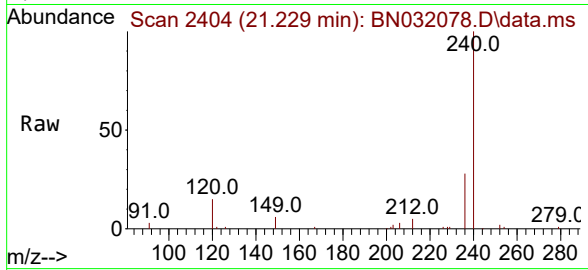
Tgt Ion:240 Resp: 28596

Ion Ratio Lower Upper

240 100

120 14.6 8.2 12.4#

236 27.8 21.8 32.8



#31

Terphenyl-d14

Concen: 0.450 ng

RT: 19.672 min Scan# 2092

Delta R.T. -0.000 min

Lab File: BN032078.D

Acq: 19 Jun 2024 21:16

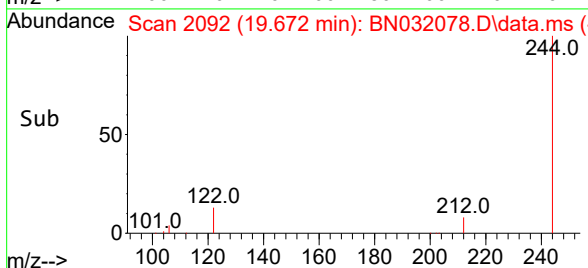
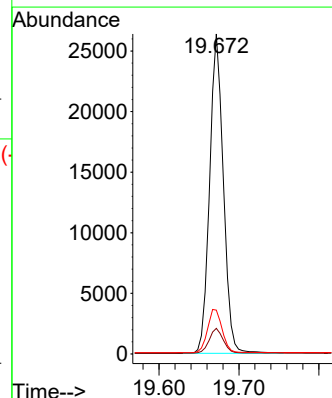
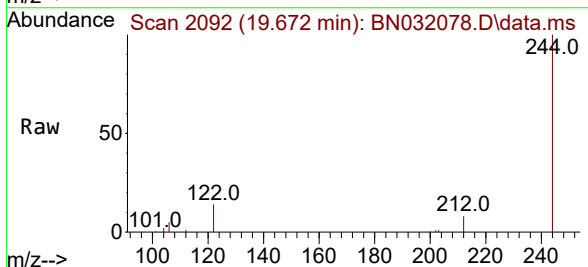
Tgt Ion:244 Resp: 31458

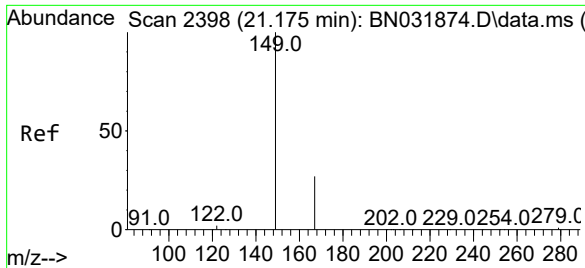
Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 13.7 11.4 17.0

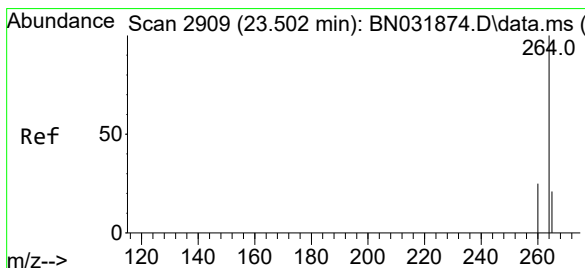
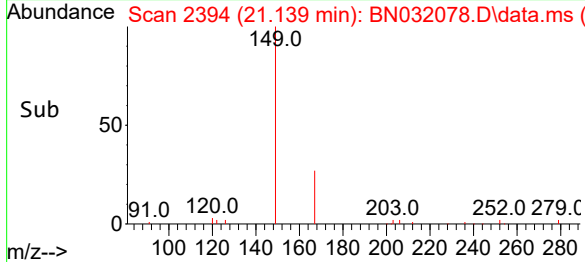
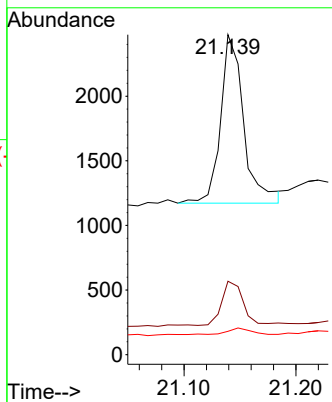
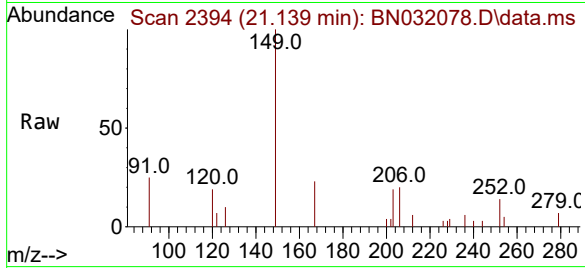




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.026 ng
 RT: 21.139 min Scan# 21139
 Delta R.T. -0.009 min
 Lab File: BN032078.D
 Acq: 19 Jun 2024 21:16

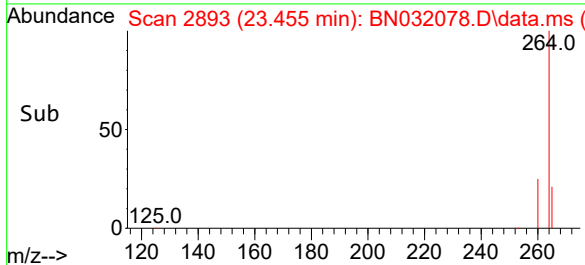
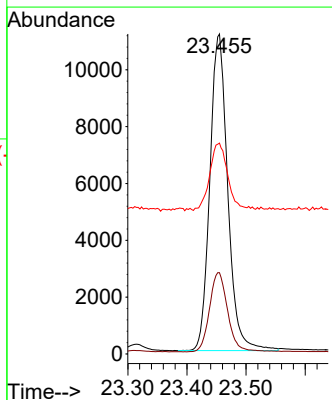
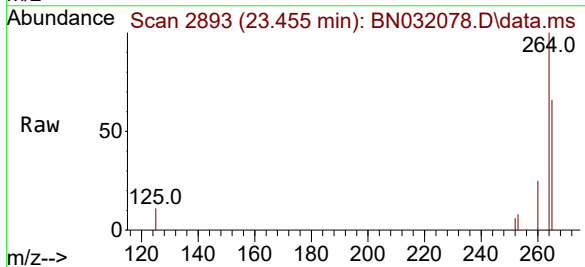
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-320-322

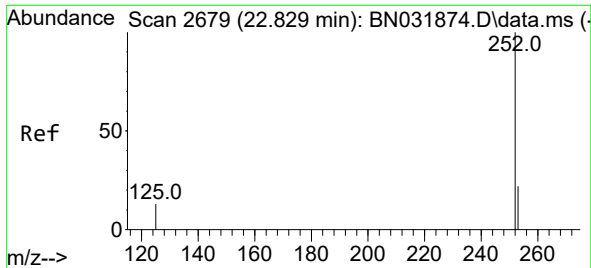
Tgt Ion:149 Resp: 1878
 Ion Ratio Lower Upper
 149 100
 167 24.0 22.5 33.7
 279 7.2 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.455 min Scan# 2893
 Delta R.T. 0.003 min
 Lab File: BN032078.D
 Acq: 19 Jun 2024 21:16

Tgt Ion:264 Resp: 23377
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.5 30.7
 265 65.9 39.6 59.4#





#37

Benzo(b)fluoranthene

Concen: 0.020 ng

RT: 22.788 min Scan# 20

Delta R.T. 0.003 min

Lab File: BN032078.D

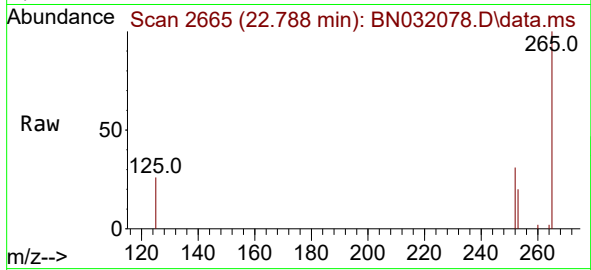
Acq: 19 Jun 2024 21:16

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-320-322



Tgt Ion:252 Resp: 1727

Ion Ratio Lower Upper

252 100

253 67.1 20.2 30.2#

125 84.2 14.2 21.4#

