

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061024\
 Data File : BN031896.D
 Acq On : 11 Jun 2024 02:59
 Operator : MA/JU
 Sample : P2772-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-198-200

Quant Time: Jun 11 03:36:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 15:47:32 2024
 Response via : Initial Calibration

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

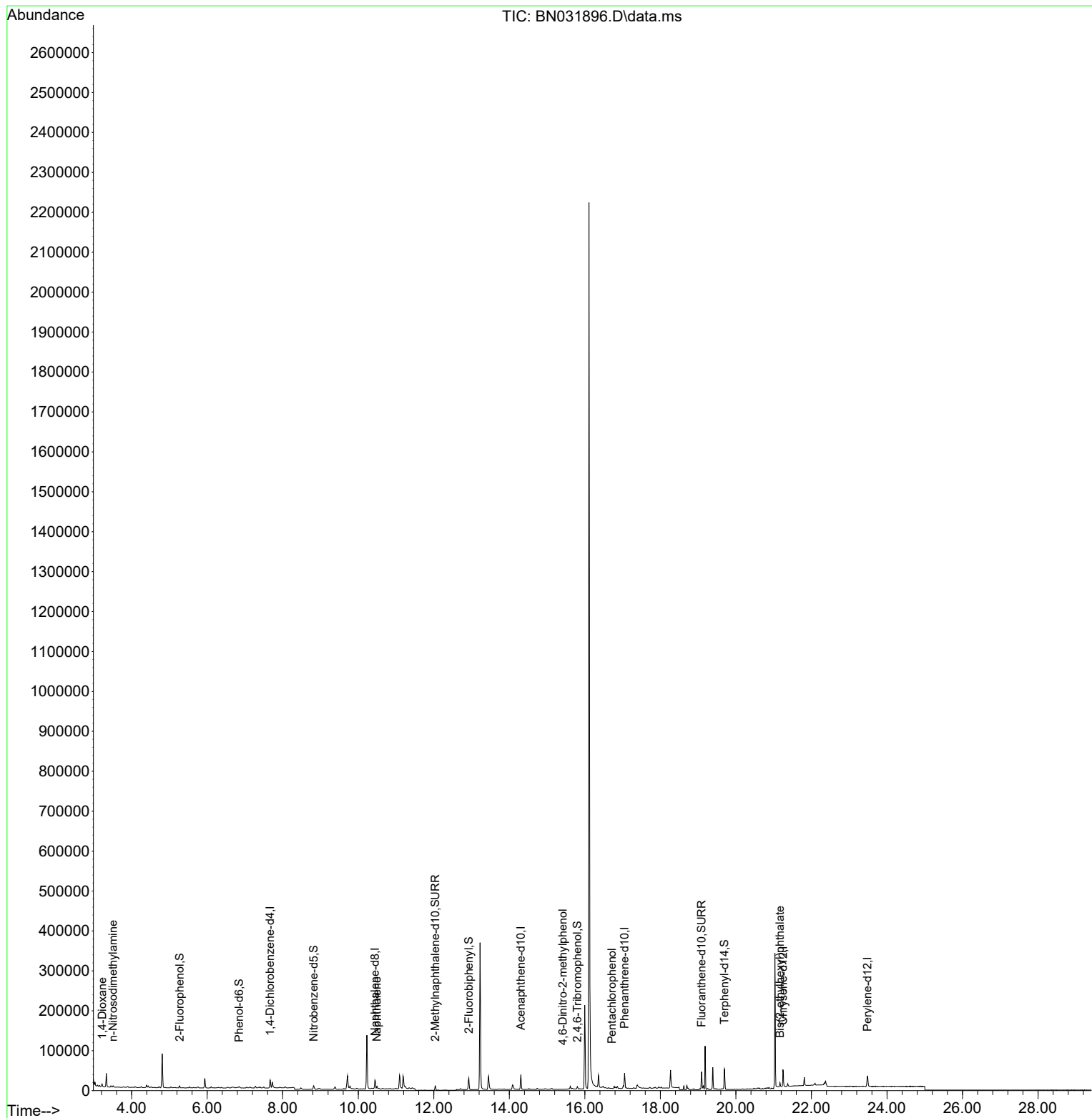
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.668	152	9124	0.400	ng	0.00
7) Naphthalene-d8	10.442	136	30129	0.400	ng	#-0.01
13) Acenaphthene-d10	14.306	164	20996	0.400	ng	-0.01
19) Phenanthrene-d10	17.053	188	46883	0.400	ng	#-0.01
29) Chrysene-d12	21.247	240	39328	0.400	ng	#-0.02
35) Perylene-d12	23.484	264	34075	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.270	112	4104	0.158	ng	0.00
5) Phenol-d6	6.844	99	3694	0.109	ng	0.00
8) Nitrobenzene-d5	8.820	82	7909	0.316	ng	0.00
11) 2-Methylnaphthalene-d10	12.039	152	16011	0.334	ng	-0.01
14) 2,4,6-Tribromophenol	15.800	330	3508	0.349	ng	-0.01
15) 2-Fluorobiphenyl	12.927	172	25730	0.323	ng	0.00
27) Fluoranthene-d10	19.091	212	49280	0.386	ng	0.00
31) Terphenyl-d14	19.695	244	39882	0.415	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.219	88	5270	0.472	ng	# 84
3) n-Nitrosodimethylamine	3.508	42	397	0.037	ng	# 1
9) Naphthalene	10.496	128	8391	0.103	ng	96
20) 4,6-Dinitro-2-methylph...	15.418	198	22	0.177	ng	# 1
24) Pentachlorophenol	16.718	266	42	0.173	ng	# 57
34) Bis(2-ethylhexyl)phtha...	21.166	149	9327	0.092	ng	98

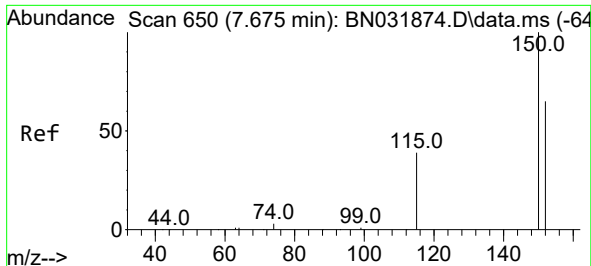
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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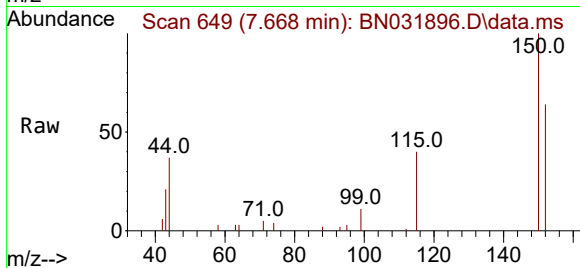
Quant Time: Jun 11 03:36:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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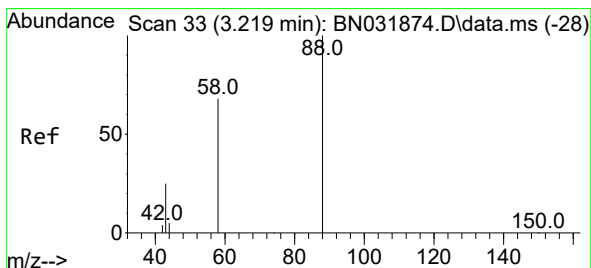
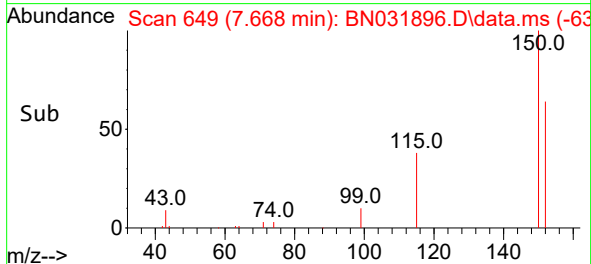
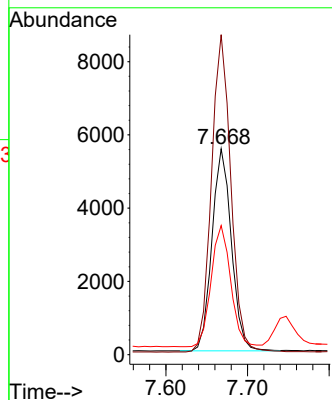
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.668 min Scan# 649
 Delta R.T. -0.007 min
 Lab File: BN031896.D
 Acq: 11 Jun 2024 02:59

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-189-GW-198-200



Tgt Ion:152 Resp: 9124

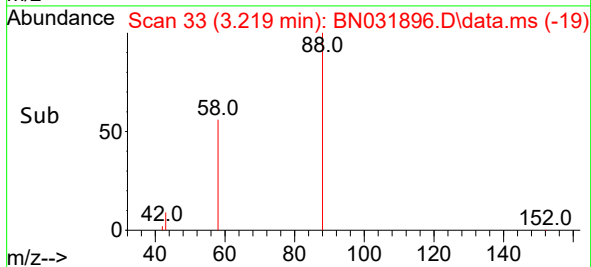
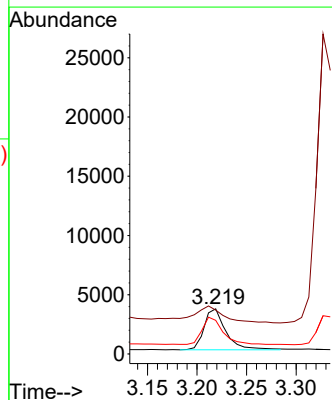
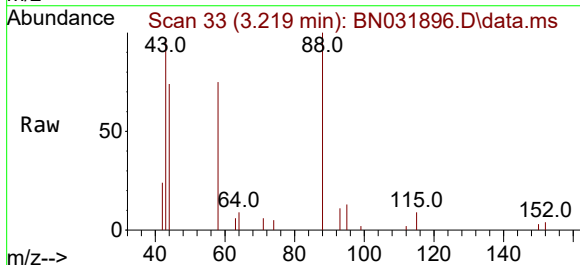
Ion	Ratio	Lower	Upper
152	100		
150	155.4	121.0	181.4
115	62.7	49.4	74.0

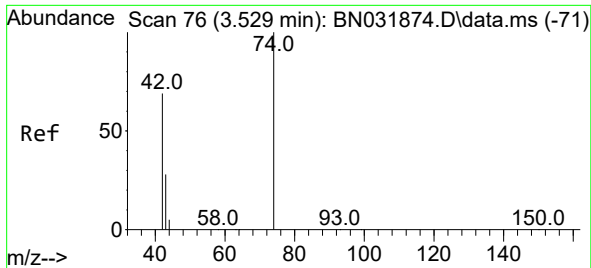


#2
 1,4-Dioxane
 Concen: 0.472 ng
 RT: 3.219 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: BN031896.D
 Acq: 11 Jun 2024 02:59

Tgt Ion: 88 Resp: 5270

Ion	Ratio	Lower	Upper
88	100		
43	53.3	22.7	34.1#
58	62.6	51.3	76.9

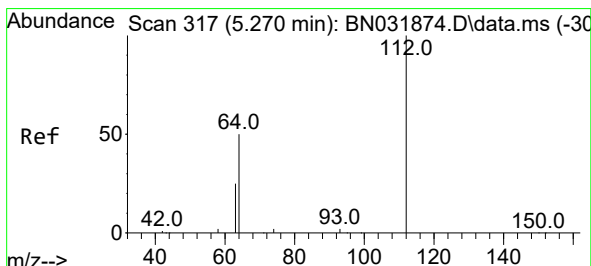
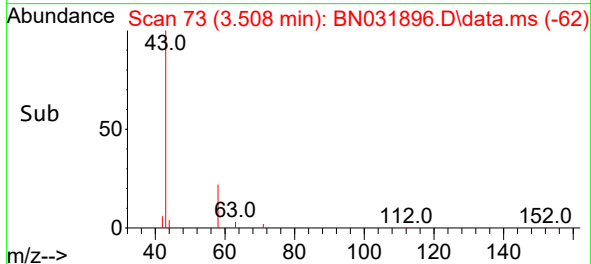
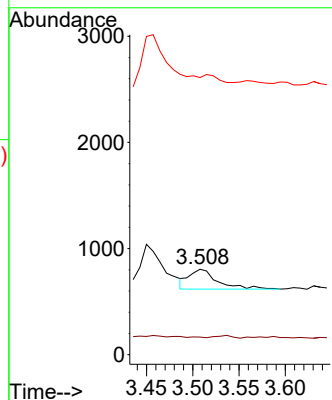
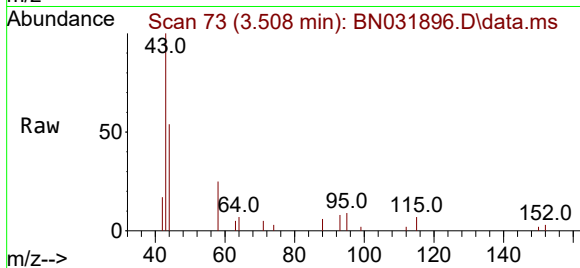




#3
n-Nitrosodimethylamine
Concen: 0.037 ng
RT: 3.508 min Scan# 71
Delta R.T. -0.022 min
Lab File: BN031896.D
Acq: 11 Jun 2024 02:59

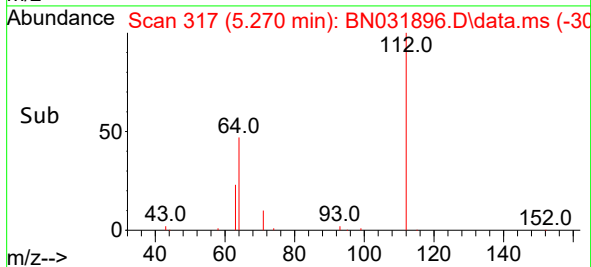
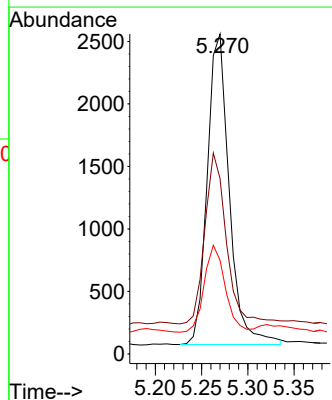
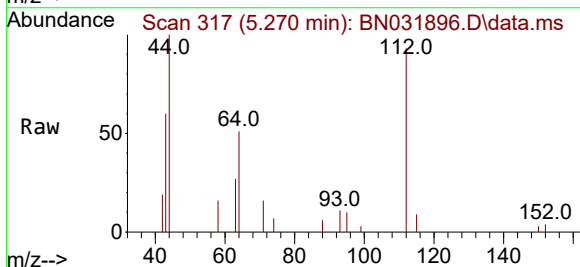
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-198-200

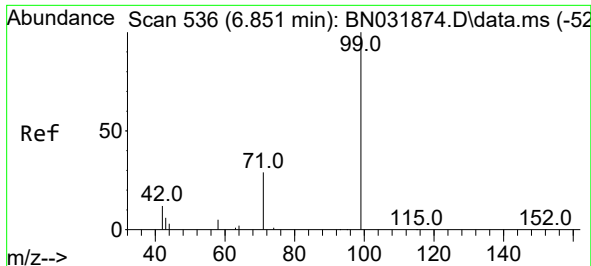
Tgt Ion: 42 Resp: 397
Ion Ratio Lower Upper
42 100
74 0.0 125.2 187.8#
44 0.0 6.9 10.3#



#4
2-Fluorophenol
Concen: 0.158 ng
RT: 5.270 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN031896.D
Acq: 11 Jun 2024 02:59

Tgt Ion: 112 Resp: 4104
Ion Ratio Lower Upper
112 100
64 53.8 42.4 63.6
63 26.6 22.1 33.1

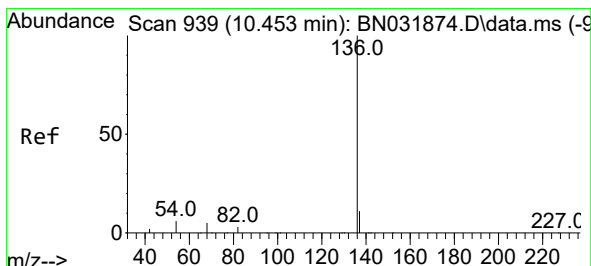
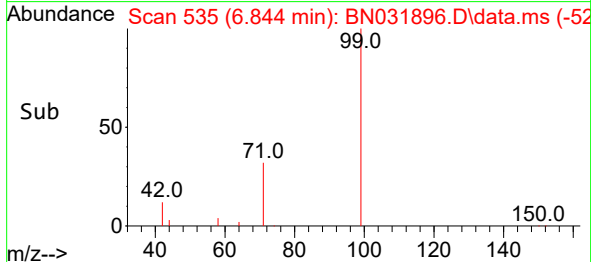
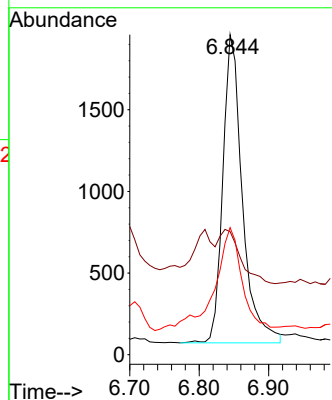
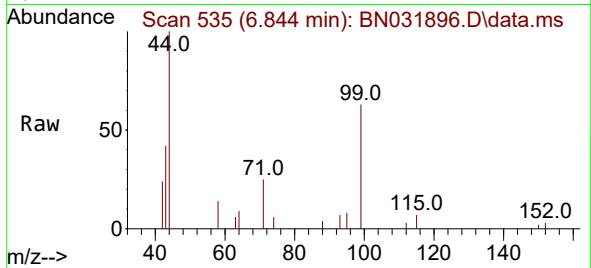




#5
Phenol-d6
Concen: 0.109 ng
RT: 6.844 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN031896.D
Acq: 11 Jun 2024 02:59

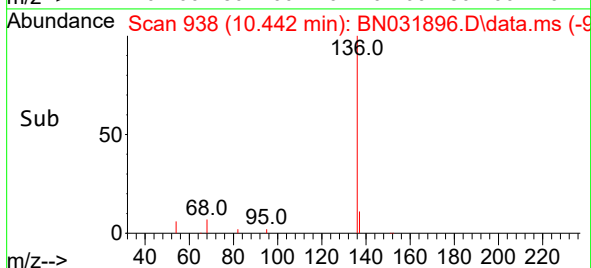
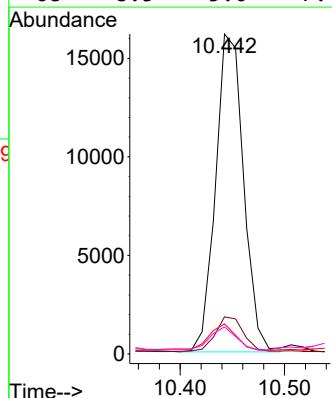
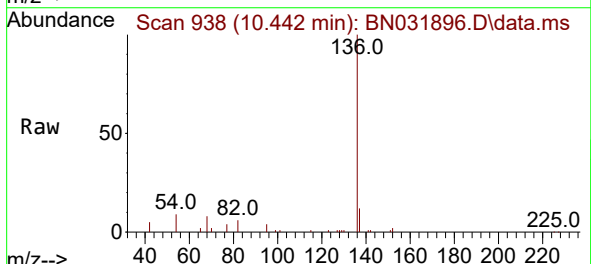
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-198-200

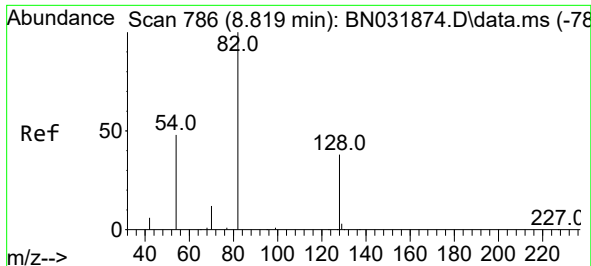
Tgt Ion: 99 Resp: 3694
Ion Ratio Lower Upper
99 100
42 19.0 12.8 19.2
71 41.6 25.4 38.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.442 min Scan# 938
Delta R.T. -0.011 min
Lab File: BN031896.D
Acq: 11 Jun 2024 02:59

Tgt Ion: 136 Resp: 30129
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 9.4 5.6 8.4#
68 8.5 5.0 7.4#

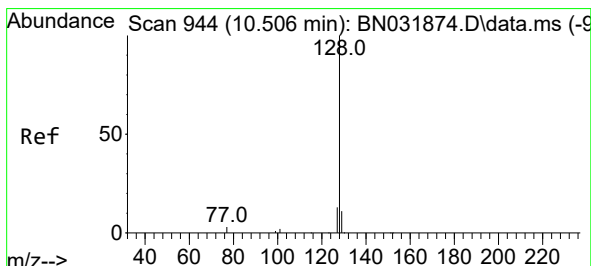
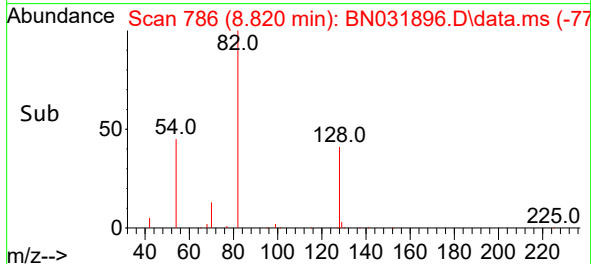
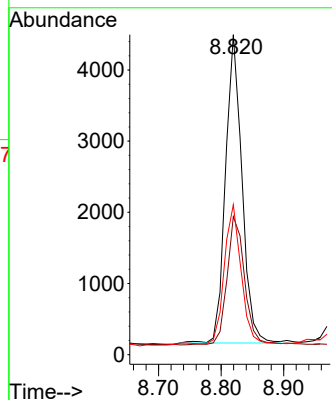
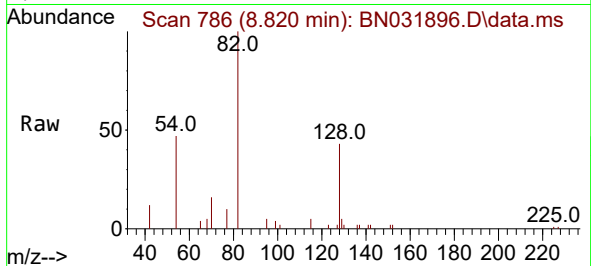




#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 8.820 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN031896.D
Acq: 11 Jun 2024 02:59

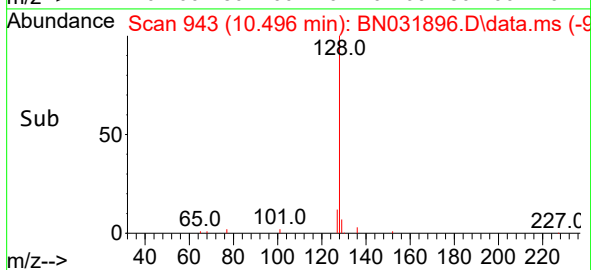
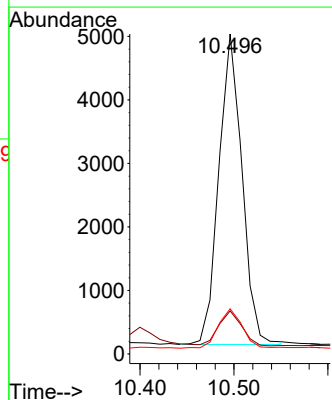
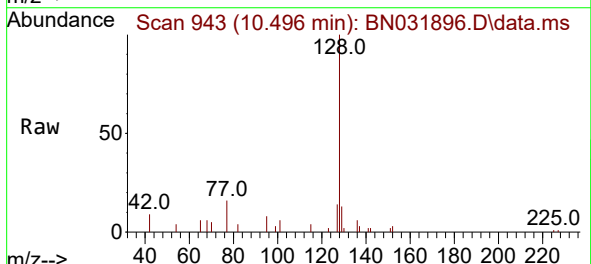
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-198-200

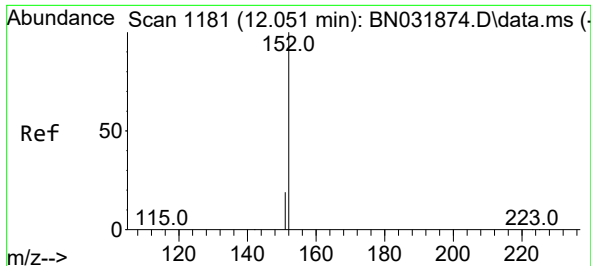
Tgt Ion: 82 Resp: 7909
Ion Ratio Lower Upper
82 100
128 43.1 32.1 48.1
54 46.8 39.7 59.5



#9
Naphthalene
Concen: 0.103 ng
RT: 10.496 min Scan# 943
Delta R.T. -0.011 min
Lab File: BN031896.D
Acq: 11 Jun 2024 02:59

Tgt Ion: 128 Resp: 8391
Ion Ratio Lower Upper
128 100
129 13.4 9.2 13.8
127 14.1 10.5 15.7





#11

2-Methylnaphthalene-d10

Concen: 0.334 ng

RT: 12.039 min Scan# 1181

Delta R.T. -0.011 min

Lab File: BN031896.D

Acq: 11 Jun 2024 02:59

Instrument :

BNA_N

ClientSampleId :

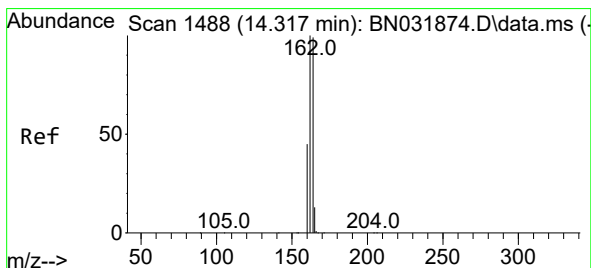
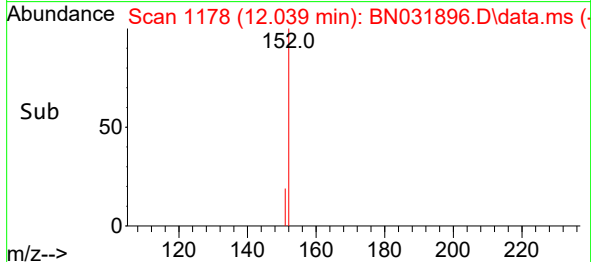
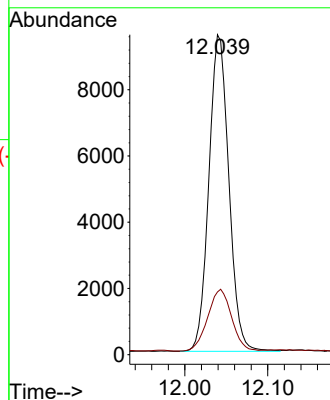
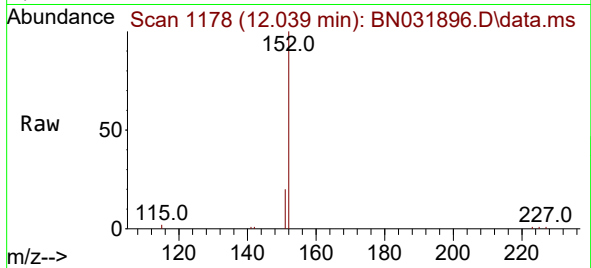
BP-VPB-189-GW-198-200

Tgt Ion:152 Resp: 16011

Ion Ratio Lower Upper

152 100

151 23.3 16.3 24.5



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.306 min Scan# 1487

Delta R.T. -0.011 min

Lab File: BN031896.D

Acq: 11 Jun 2024 02:59

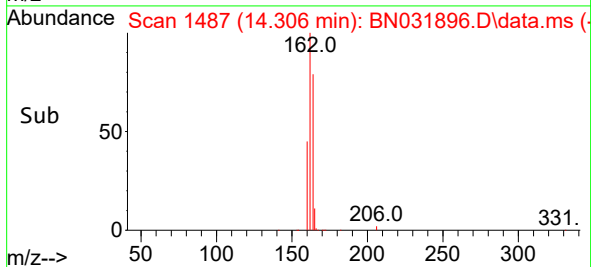
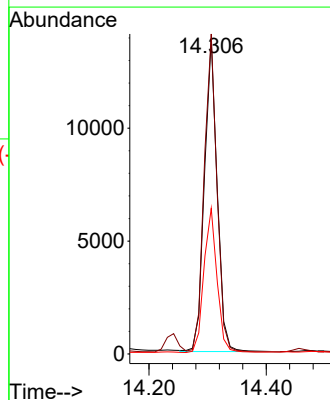
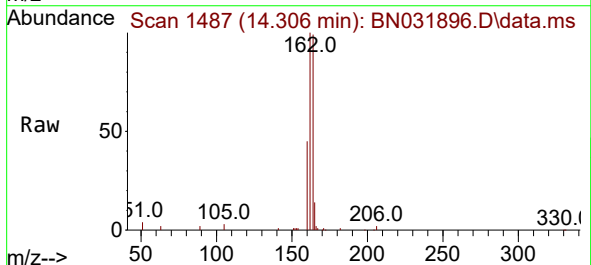
Tgt Ion:164 Resp: 20996

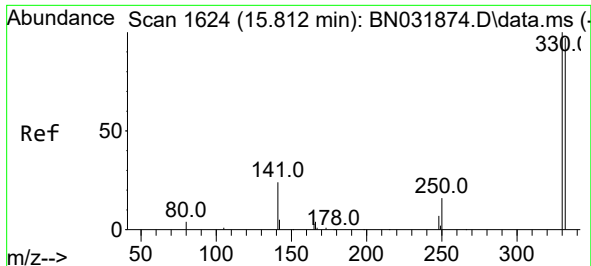
Ion Ratio Lower Upper

164 100

162 101.5 80.7 121.1

160 46.2 36.2 54.4

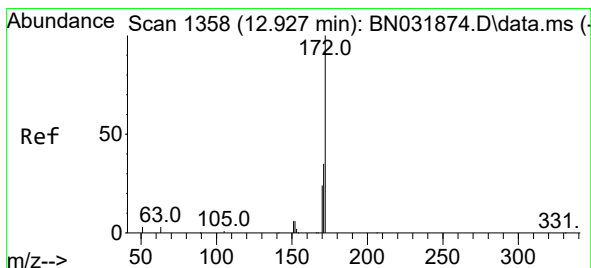
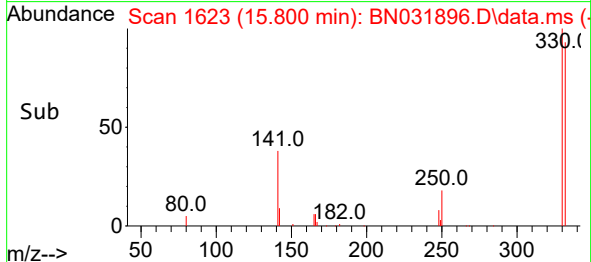
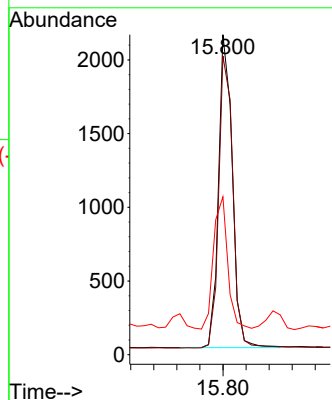
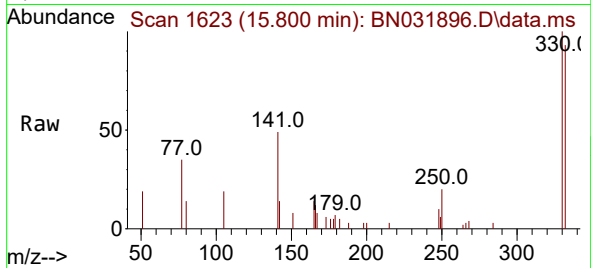




#14
2,4,6-Tribromophenol
Concen: 0.349 ng
RT: 15.800 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN031896.D
Acq: 11 Jun 2024 02:59

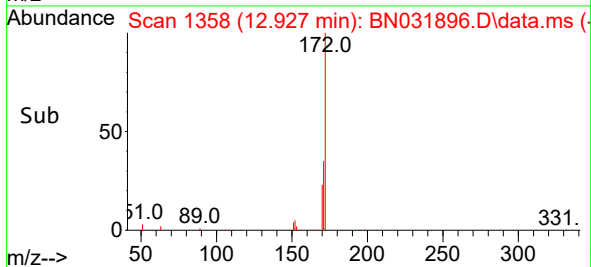
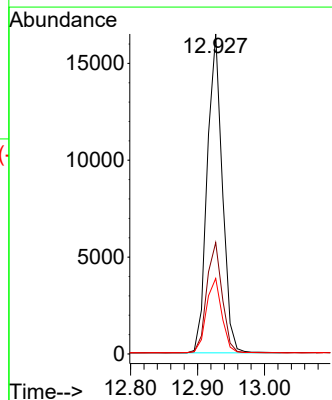
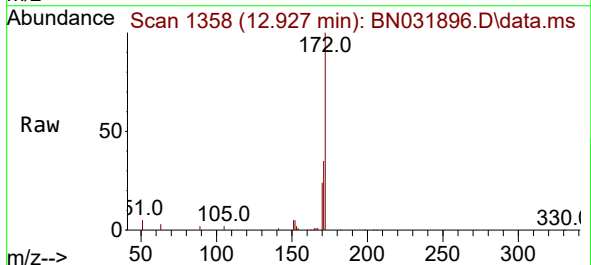
Instrument :
BNA_N
ClientSampleId :
BP-VPB-189-GW-198-200

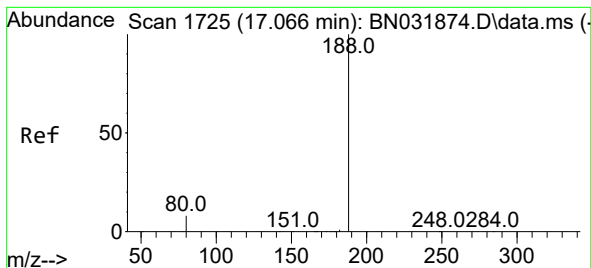
Tgt Ion:330 Resp: 3508
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 43.5 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 12.927 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BN031896.D
Acq: 11 Jun 2024 02:59

Tgt Ion:172 Resp: 25730
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.6 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.053 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN031896.D

Acq: 11 Jun 2024 02:59

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-198-200

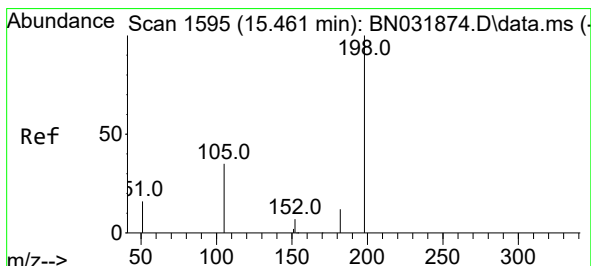
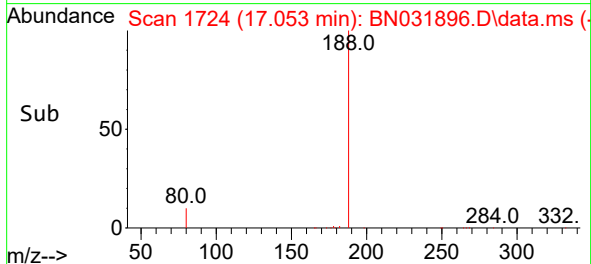
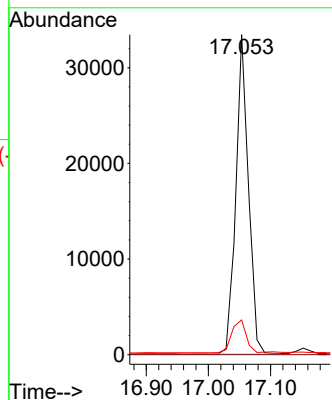
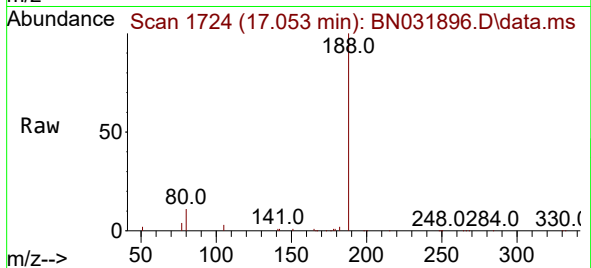
Tgt Ion:188 Resp: 46883

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.8 6.4 9.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.177 ng

RT: 15.418 min Scan# 1591

Delta R.T. -0.043 min

Lab File: BN031896.D

Acq: 11 Jun 2024 02:59

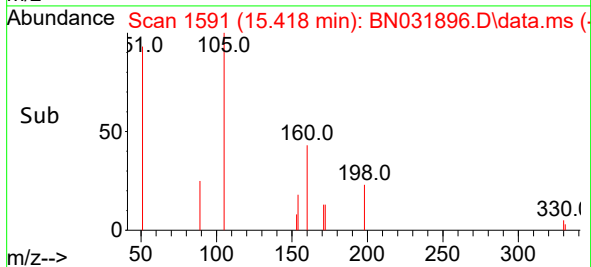
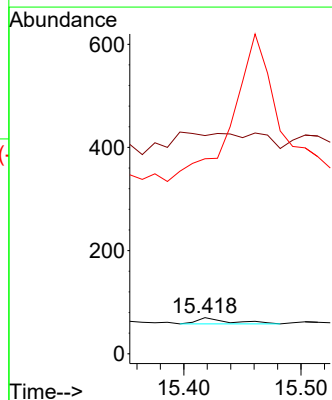
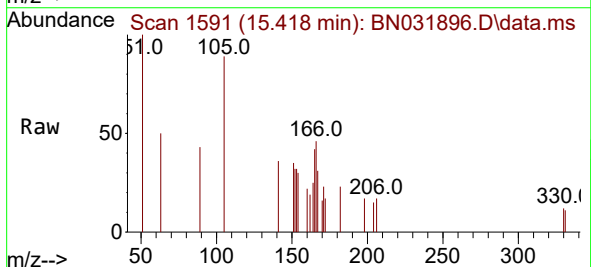
Tgt Ion:198 Resp: 22

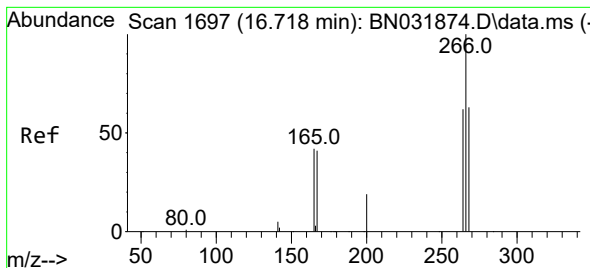
Ion Ratio Lower Upper

198 100

51 604.3 42.7 64.1#

105 540.0 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.173 ng

RT: 16.718 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN031896.D

Acq: 11 Jun 2024 02:59

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-198-200

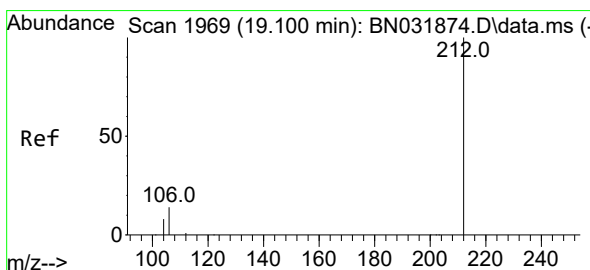
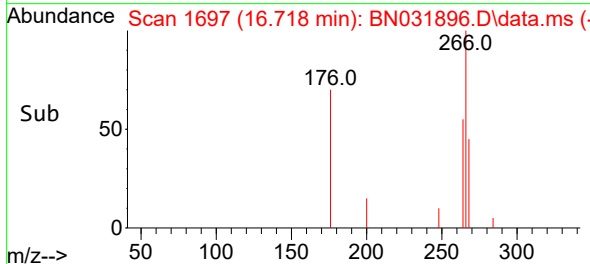
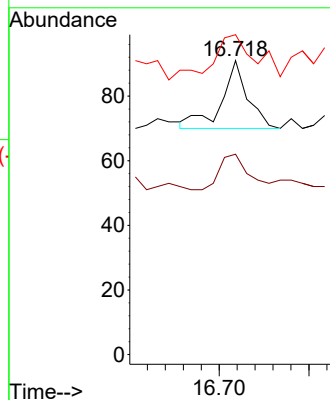
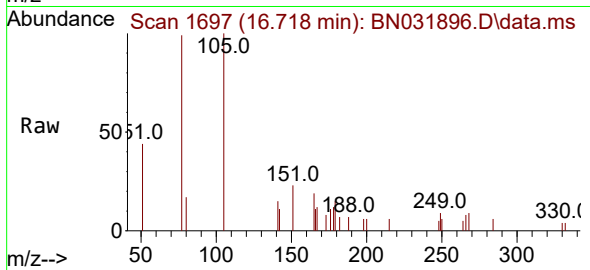
Tgt Ion:266 Resp: 42

Ion Ratio Lower Upper

266 100

264 59.5 50.0 75.0

268 0.0 51.0 76.6#



#27

Fluoranthene-d10

Concen: 0.386 ng

RT: 19.091 min Scan# 1967

Delta R.T. -0.009 min

Lab File: BN031896.D

Acq: 11 Jun 2024 02:59

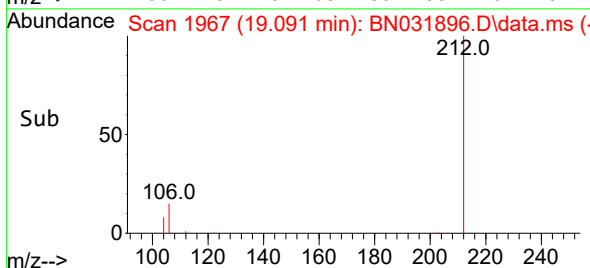
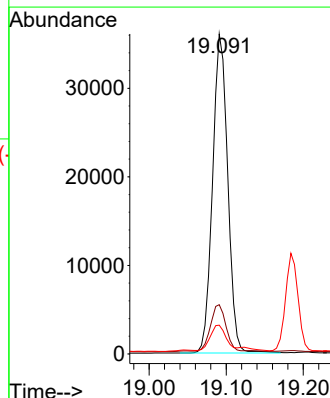
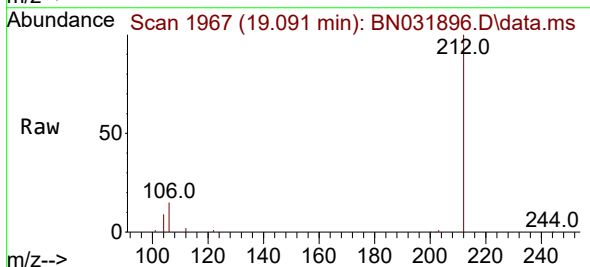
Tgt Ion:212 Resp: 49280

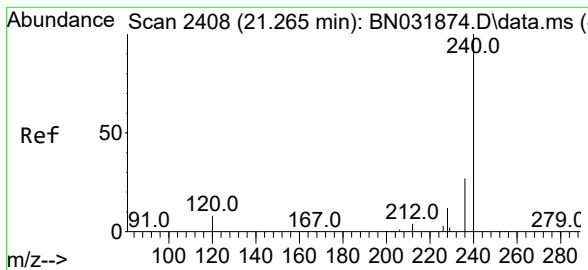
Ion Ratio Lower Upper

212 100

106 14.5 11.8 17.8

104 8.1 6.6 10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.247 min Scan# 2406

Delta R.T. -0.018 min

Lab File: BN031896.D

Acq: 11 Jun 2024 02:59

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-198-200

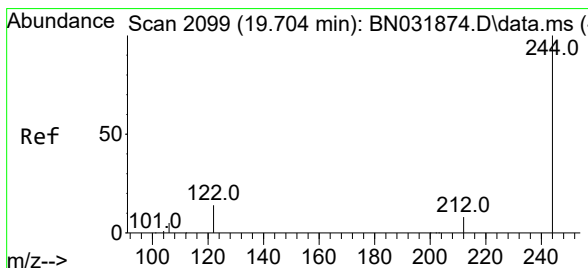
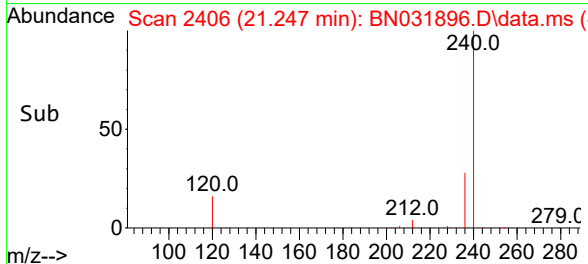
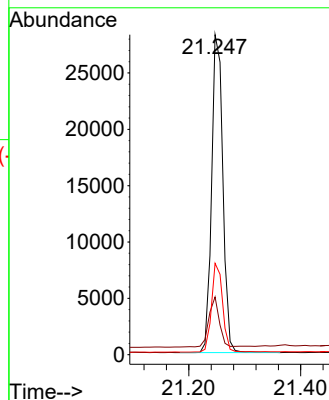
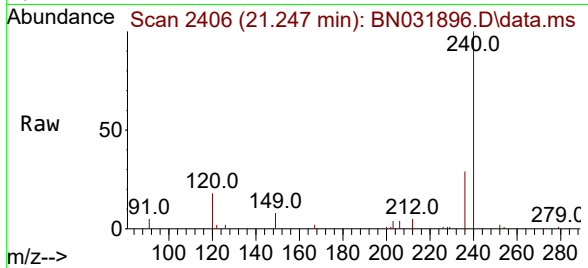
Tgt Ion:240 Resp: 39328

Ion Ratio Lower Upper

240 100

120 18.0 8.2 12.4#

236 28.5 21.8 32.8



#31

Terphenyl-d14

Concen: 0.415 ng

RT: 19.695 min Scan# 2097

Delta R.T. -0.009 min

Lab File: BN031896.D

Acq: 11 Jun 2024 02:59

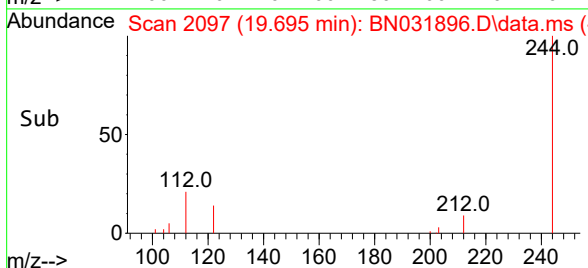
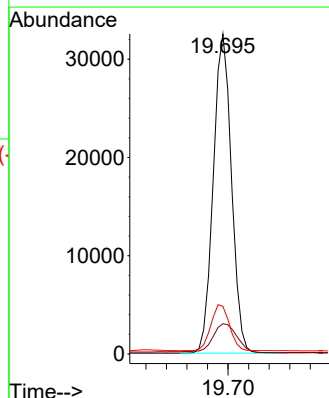
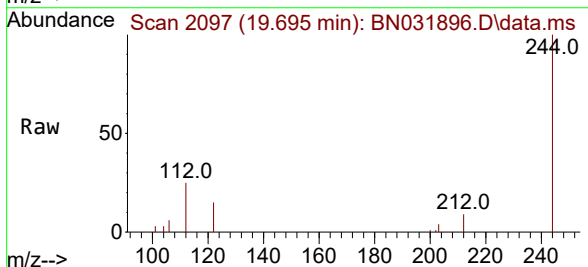
Tgt Ion:244 Resp: 39882

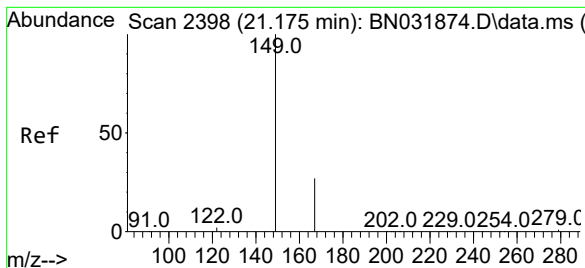
Ion Ratio Lower Upper

244 100

212 9.5 6.5 9.7

122 14.8 11.4 17.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.092 ng

RT: 21.166 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN031896.D

Acq: 11 Jun 2024 02:59

Instrument :

BNA_N

ClientSampleId :

BP-VPB-189-GW-198-200

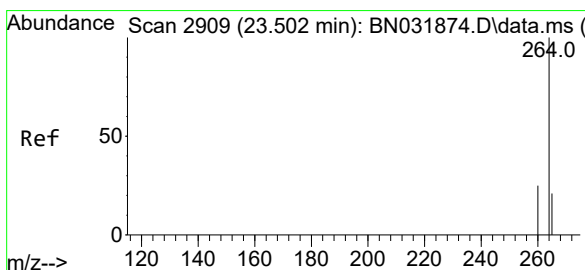
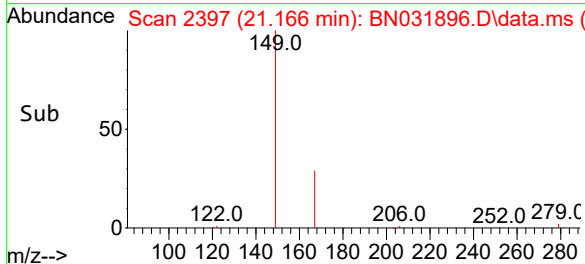
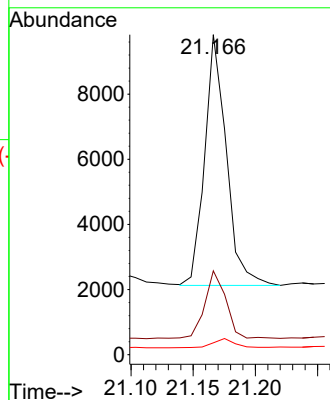
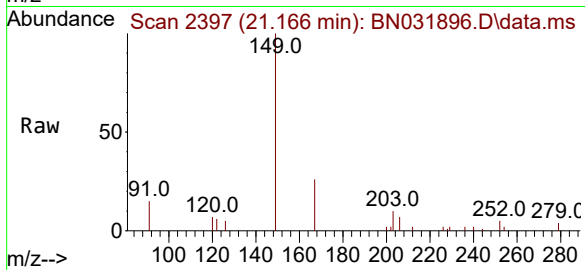
Tgt Ion:149 Resp: 9327

Ion Ratio Lower Upper

149 100

167 26.7 22.5 33.7

279 3.7 2.9 4.3



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.484 min Scan# 2903

Delta R.T. -0.017 min

Lab File: BN031896.D

Acq: 11 Jun 2024 02:59

Tgt Ion:264 Resp: 34075

Ion Ratio Lower Upper

264 100

260 26.3 20.5 30.7

265 57.8 39.6 59.4

