

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061024\
 Data File : BN031890.D
 Acq On : 10 Jun 2024 23:22
 Operator : MA/JU
 Sample : P2771-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-220-222

Quant Time: Jun 11 00:12:08 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)

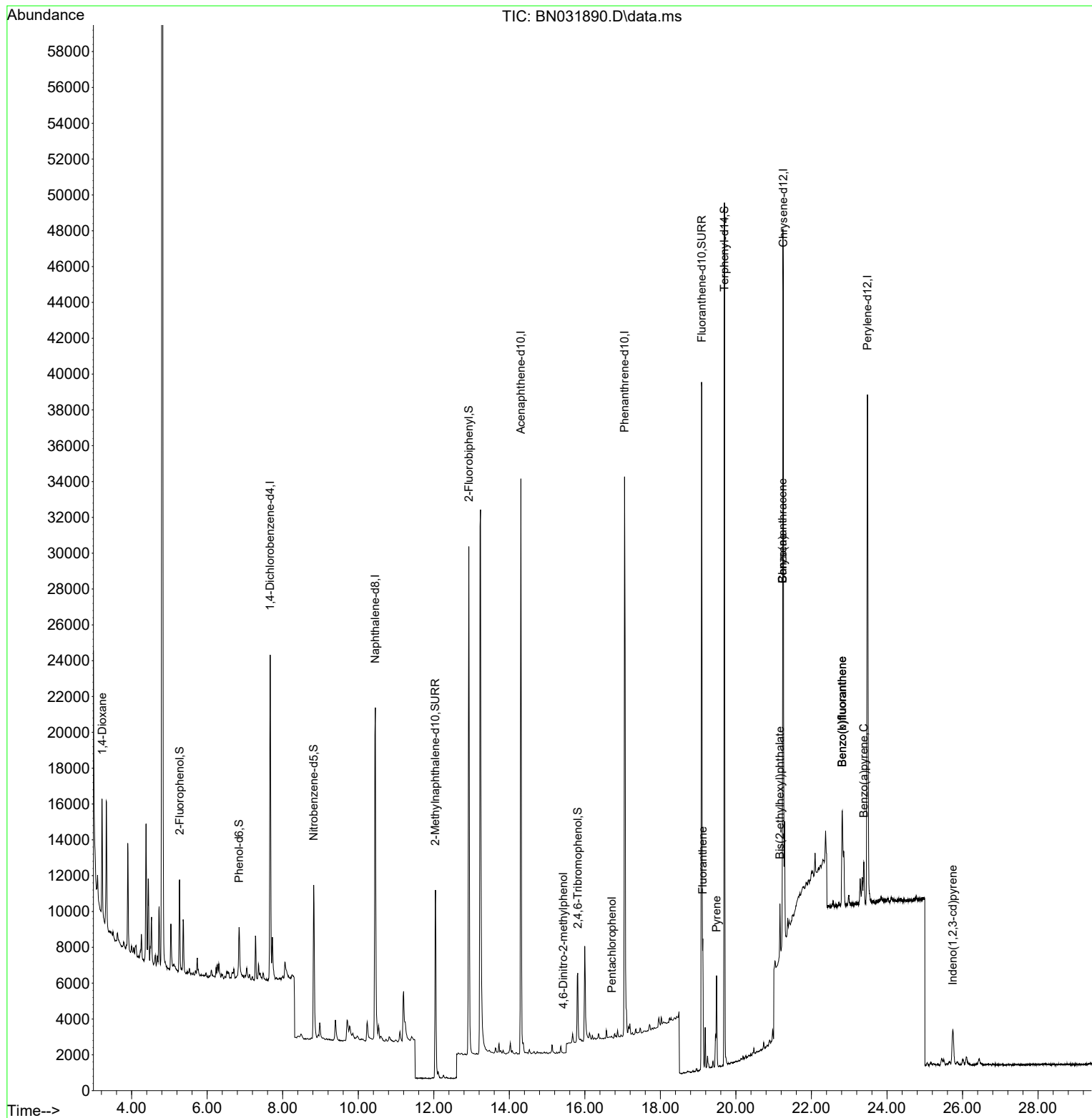
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.668	152	9332	0.400	ng	0.00
7) Naphthalene-d8	10.453	136	29449	0.400	ng	0.00
13) Acenaphthene-d10	14.306	164	18907	0.400	ng	-0.01
19) Phenanthrene-d10	17.053	188	42883	0.400	ng	#-0.01
29) Chrysene-d12	21.256	240	36782	0.400	ng	0.00
35) Perylene-d12	23.484	264	38044	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.270	112	4531	0.171	ng	0.00
5) Phenol-d6	6.844	99	3671	0.106	ng	0.00
8) Nitrobenzene-d5	8.820	82	8480	0.347	ng	0.00
11) 2-Methylnaphthalene-d10	12.043	152	16437	0.350	ng	0.00
14) 2,4,6-Tribromophenol	15.812	330	2650	0.292	ng	0.00
15) 2-Fluorobiphenyl	12.927	172	26981	0.376	ng	0.00
27) Fluoranthene-d10	19.096	212	44488	0.381	ng	0.00
31) Terphenyl-d14	19.695	244	45550	0.507	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.219	88	4596	0.402	ng	# 87
20) 4,6-Dinitro-2-methylph...	15.429	198	5	0.175	ng	# 1
24) Pentachlorophenol	16.718	266	85	0.176	ng	89
28) Fluoranthene	19.124	202	5663	0.039	ng	97
30) Pyrene	19.491	202	4761	0.033	ng	96
32) Benzo(a)anthracene	21.238	228	5493	0.040	ng	93
33) Chrysene	21.238	228	5154	0.039	ng	95
34) Bis(2-ethylhexyl)phtha...	21.166	149	3532	0.037	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.744	276	2958	0.021	ng	96
37) Benzo(b)fluoranthene	22.815	252	8735	0.063	ng	# 55
38) Benzo(k)fluoranthene	22.815	252	8735	0.067	ng	# 53
39) Benzo(a)pyrene	23.388	252	3175	0.027	ng	# 10

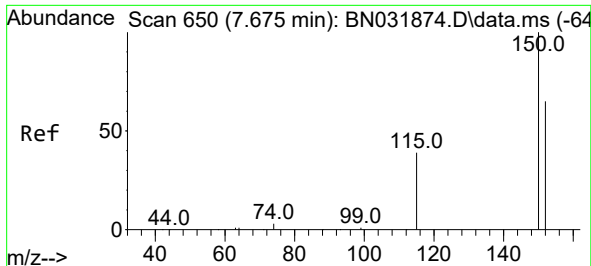
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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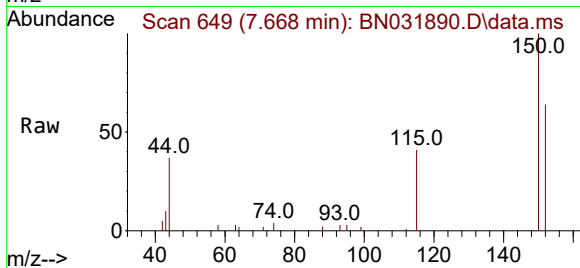
Quant Time: Jun 11 00:12:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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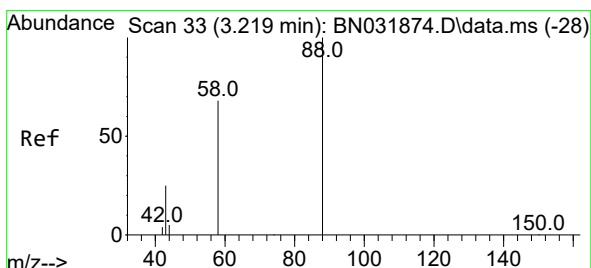
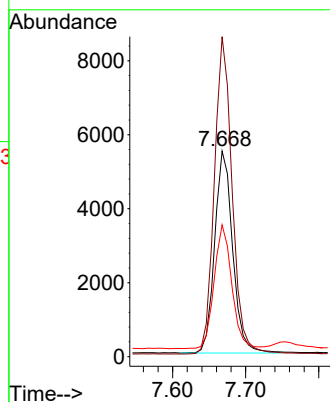
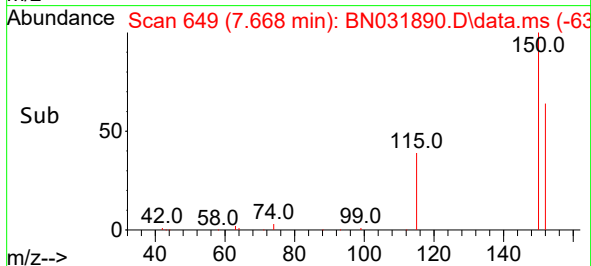


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.668 min Scan# 649
 Delta R.T. -0.007 min
 Lab File: BN031890.D
 Acq: 10 Jun 2024 23:22

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-220-222

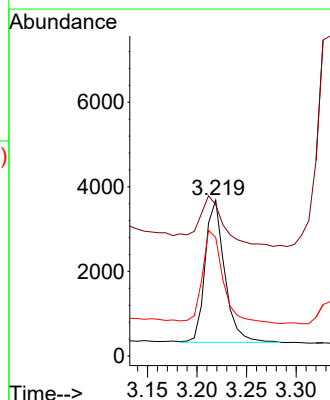
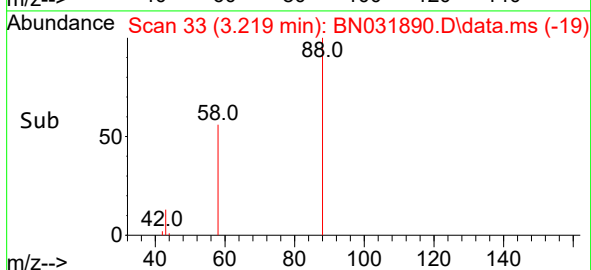
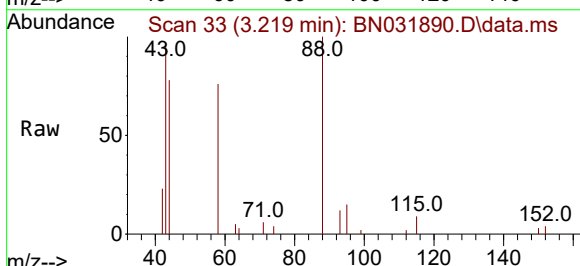


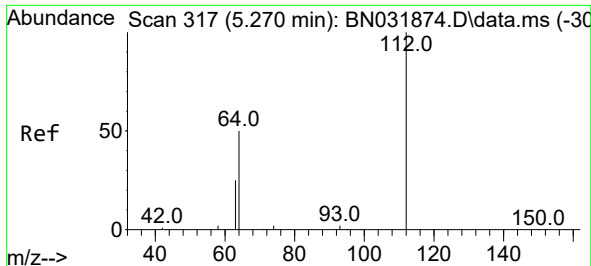
Tgt Ion:152 Resp: 9332
 Ion Ratio Lower Upper
 152 100
 150 155.6 121.0 181.4
 115 64.1 49.4 74.0



#2
 1,4-Dioxane
 Concen: 0.402 ng
 RT: 3.219 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: BN031890.D
 Acq: 10 Jun 2024 23:22

Tgt Ion: 88 Resp: 4596
 Ion Ratio Lower Upper
 88 100
 43 42.5 22.7 34.1#
 58 69.8 51.3 76.9





#4

2-Fluorophenol

Concen: 0.171 ng

RT: 5.270 min Scan# 317

Delta R.T. 0.000 min

Lab File: BN031890.D

Acq: 10 Jun 2024 23:22

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-220-222

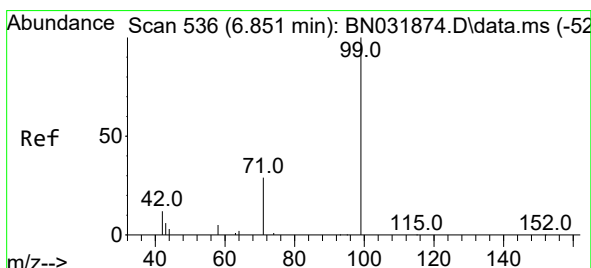
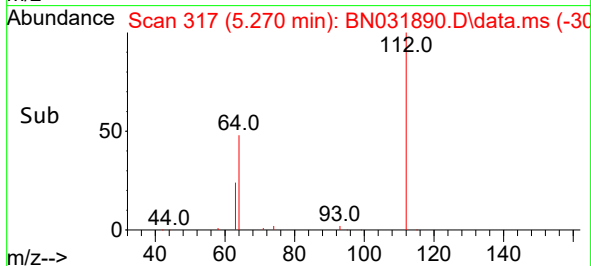
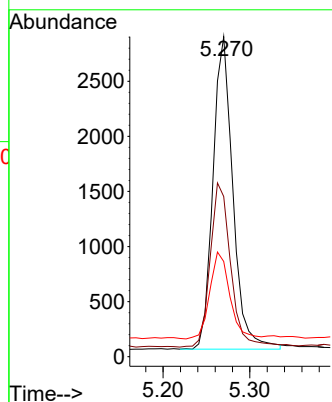
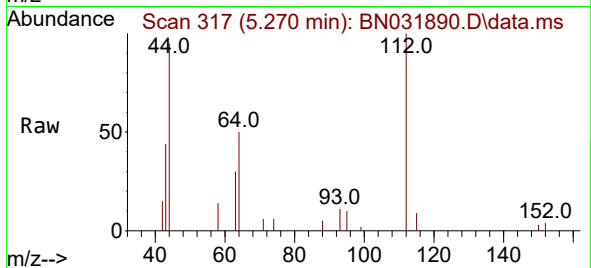
Tgt Ion:112 Resp: 4531

Ion Ratio Lower Upper

112 100

64 53.7 42.4 63.6

63 27.9 22.1 33.1



#5

Phenol-d6

Concen: 0.106 ng

RT: 6.844 min Scan# 535

Delta R.T. -0.007 min

Lab File: BN031890.D

Acq: 10 Jun 2024 23:22

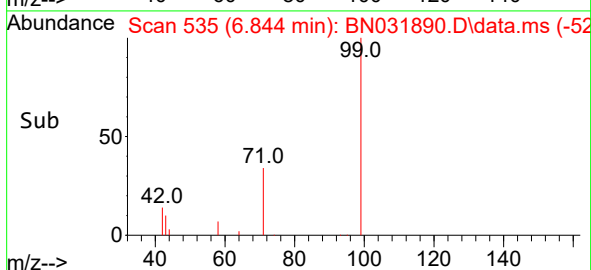
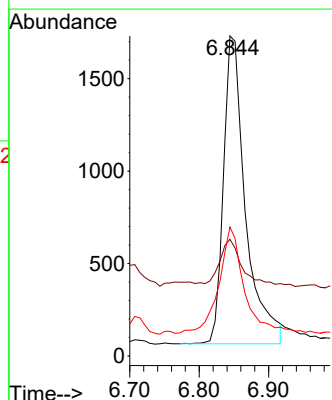
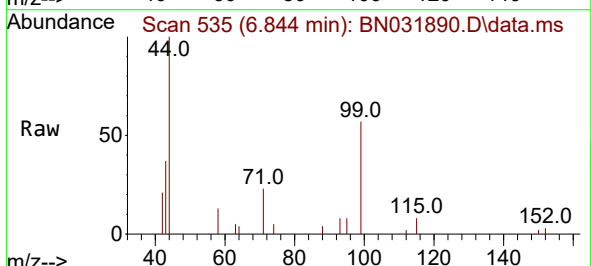
Tgt Ion: 99 Resp: 3671

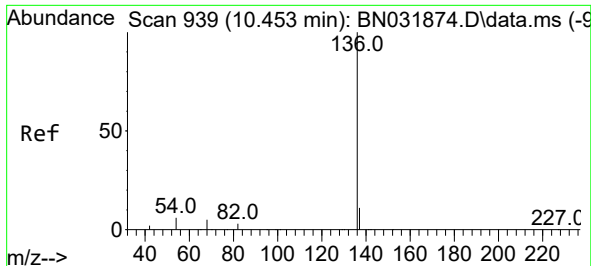
Ion Ratio Lower Upper

99 100

42 13.5 12.8 19.2

71 38.2 25.4 38.2#

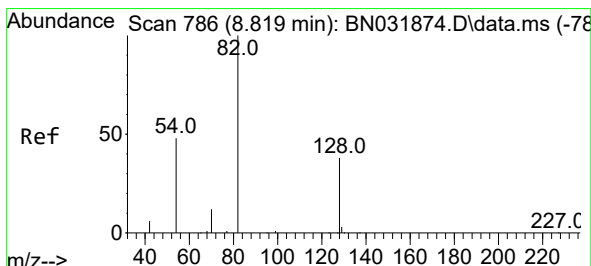
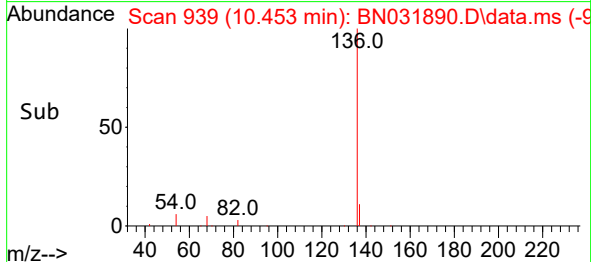
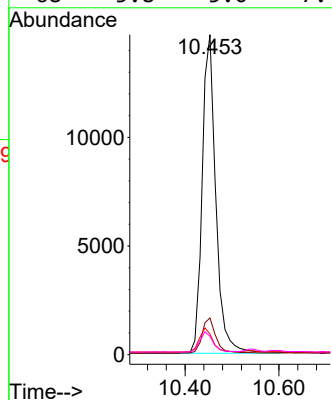
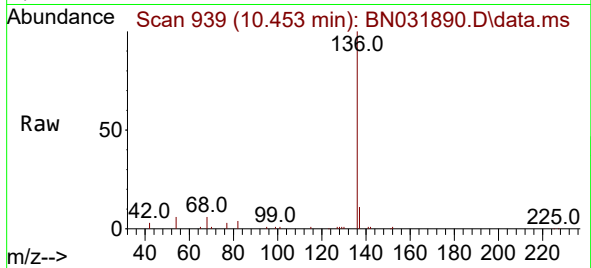




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.453 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031890.D
Acq: 10 Jun 2024 23:22

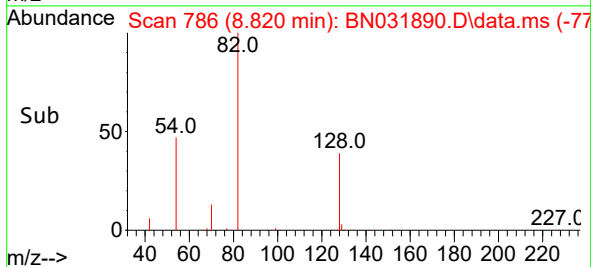
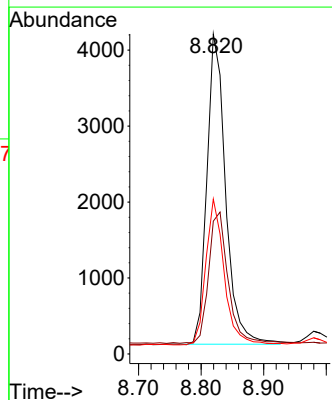
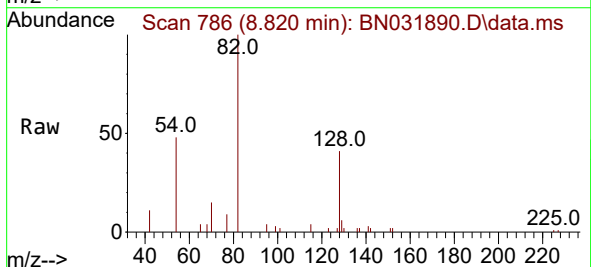
Instrument :
BNA_N
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BP-VPB-196-GW-220-222

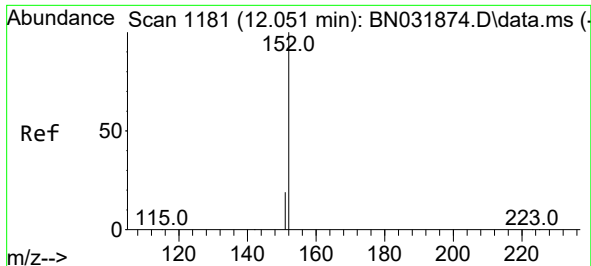
Tgt Ion:	136	Resp:	29449
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.5	5.6	8.4
68	5.8	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 8.820 min Scan# 786
Delta R.T. 0.000 min
Lab File: BN031890.D
Acq: 10 Jun 2024 23:22

Tgt Ion:	82	Resp:	8480
Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.1	48.1
54	48.4	39.7	59.5

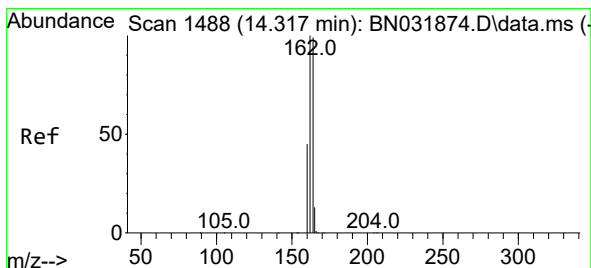
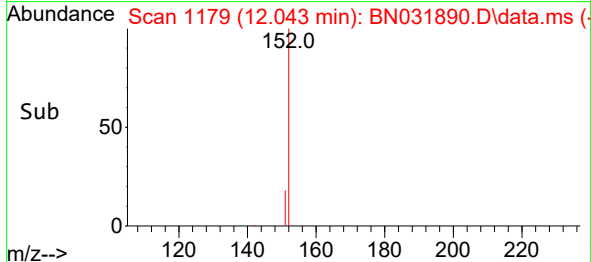
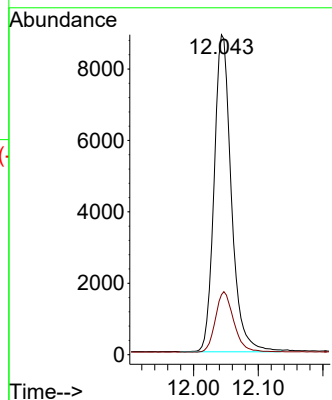
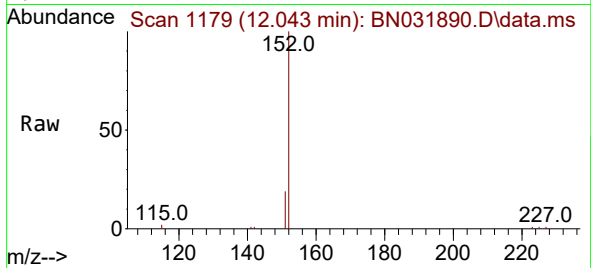




#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.043 min Scan# 1181
Delta R.T. -0.007 min
Lab File: BN031890.D
Acq: 10 Jun 2024 23:22

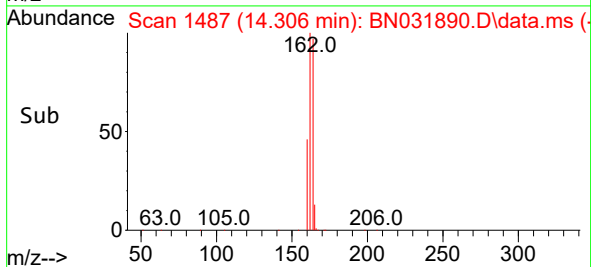
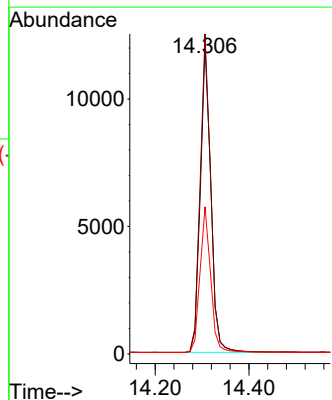
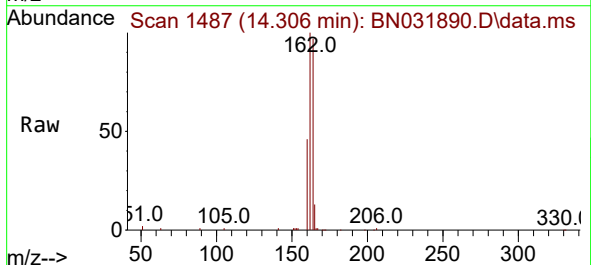
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-220-222

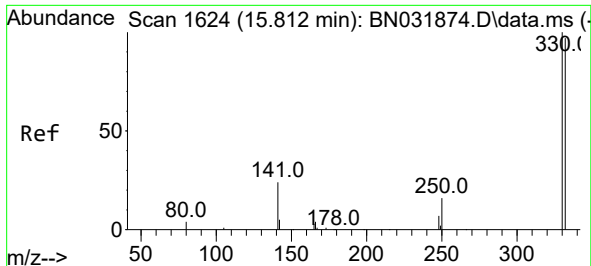
Tgt Ion:152 Resp: 16437
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.306 min Scan# 1487
Delta R.T. -0.011 min
Lab File: BN031890.D
Acq: 10 Jun 2024 23:22

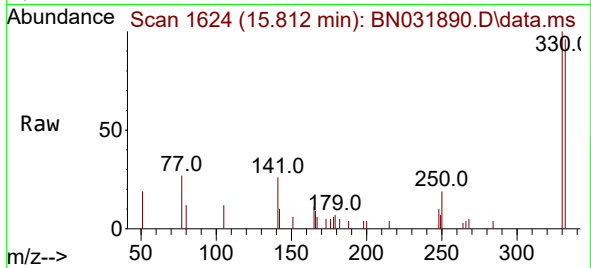
Tgt Ion:164 Resp: 18907
Ion Ratio Lower Upper
164 100
162 103.4 80.7 121.1
160 47.5 36.2 54.4



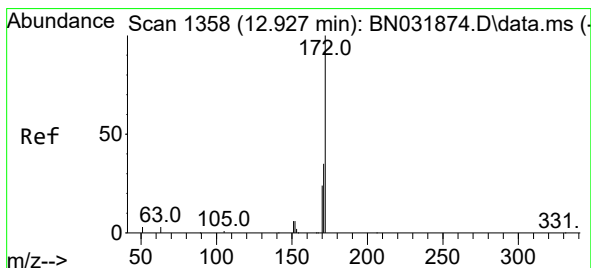
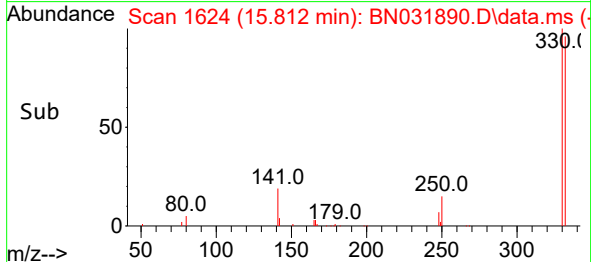
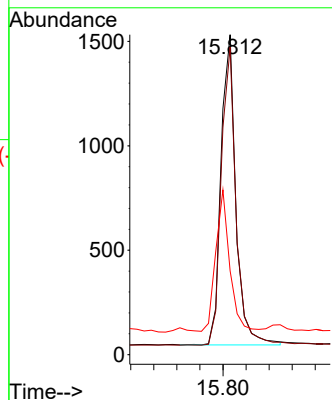


#14
2,4,6-Tribromophenol
Concen: 0.292 ng
RT: 15.812 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BN031890.D
Acq: 10 Jun 2024 23:22

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-220-222

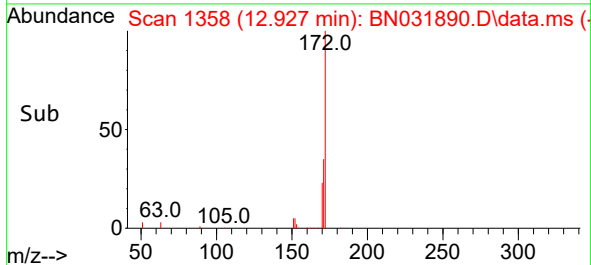
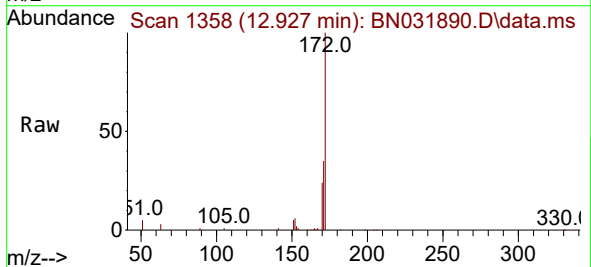
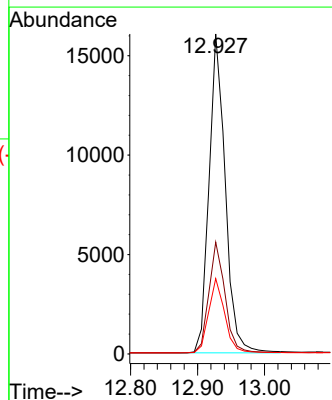


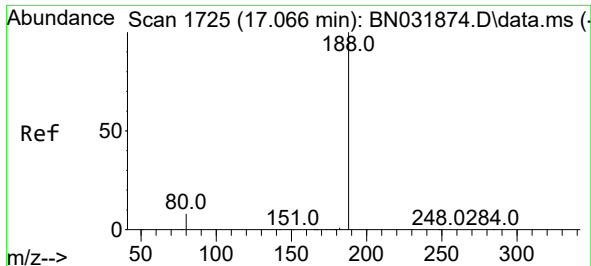
Tgt Ion:330 Resp: 2650
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 42.6 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 12.927 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BN031890.D
Acq: 10 Jun 2024 23:22

Tgt Ion:172 Resp: 26981
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.6 19.2 28.8

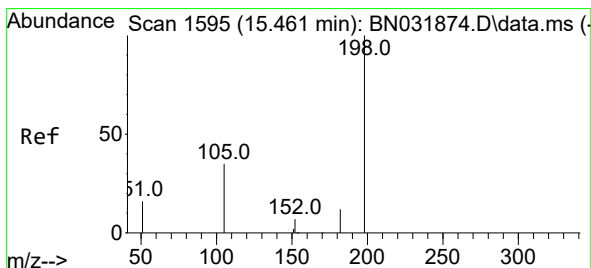
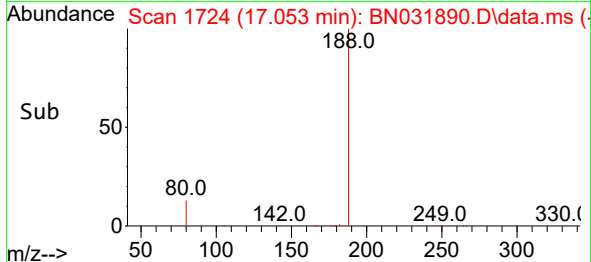
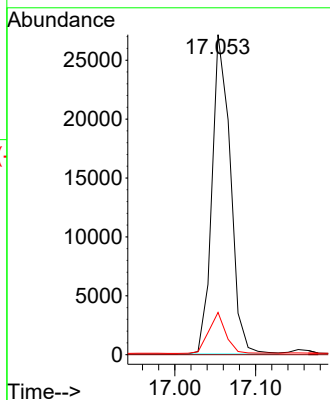
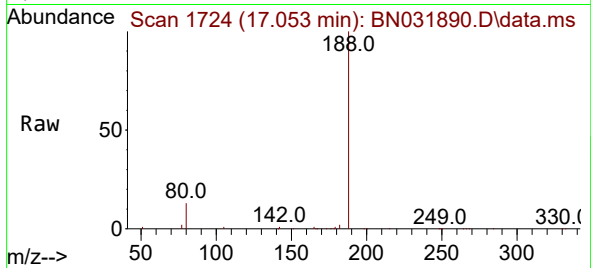




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.053 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN031890.D
Acq: 10 Jun 2024 23:22

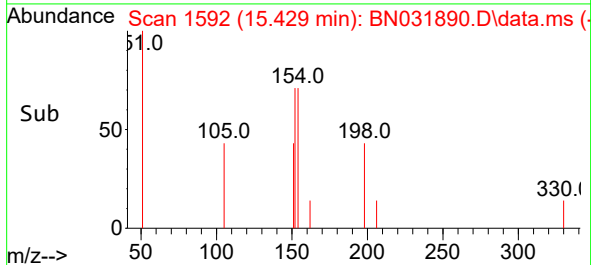
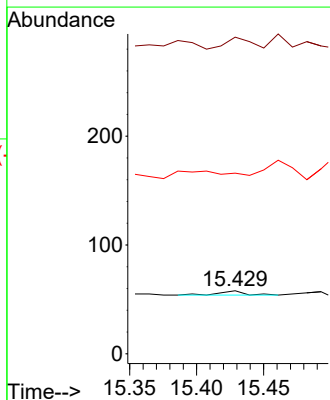
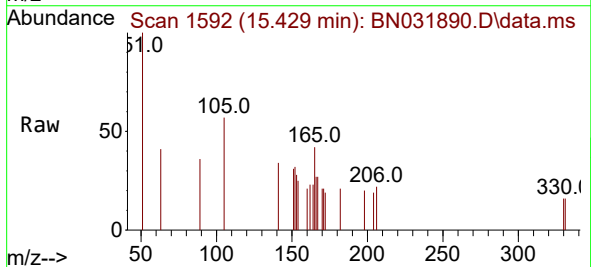
Instrument :
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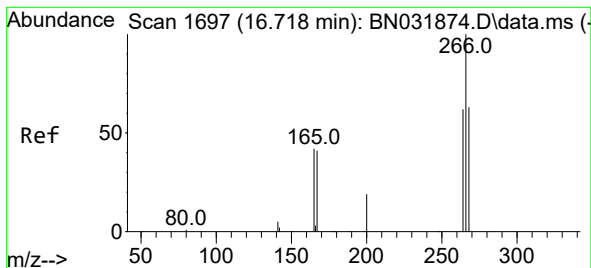
Tgt Ion:188 Resp: 42883
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 6.4 9.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.175 ng
RT: 15.429 min Scan# 1592
Delta R.T. -0.032 min
Lab File: BN031890.D
Acq: 10 Jun 2024 23:22

Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 501.7 42.7 64.1#
105 286.2 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.176 ng

RT: 16.718 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN031890.D

Acq: 10 Jun 2024 23:22

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-220-222

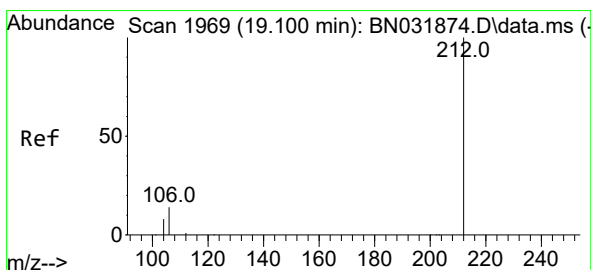
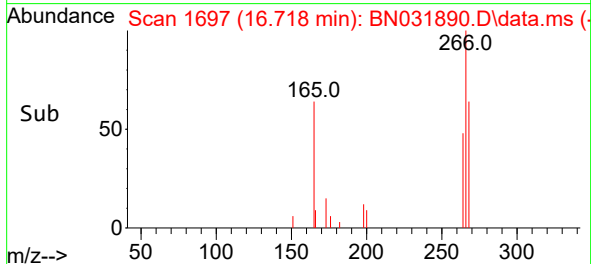
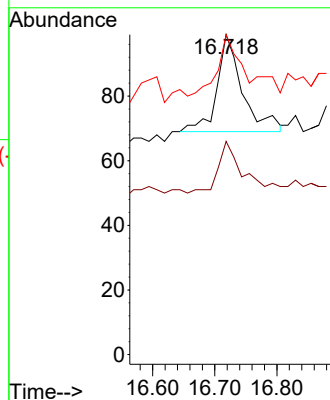
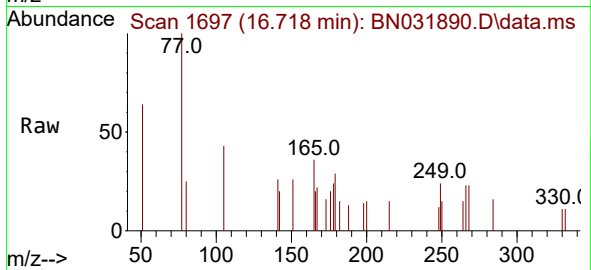
Tgt Ion:266 Resp: 85

Ion Ratio Lower Upper

266 100

264 52.9 50.0 75.0

268 70.6 51.0 76.6



#27

Fluoranthene-d10

Concen: 0.381 ng

RT: 19.096 min Scan# 1968

Delta R.T. -0.005 min

Lab File: BN031890.D

Acq: 10 Jun 2024 23:22

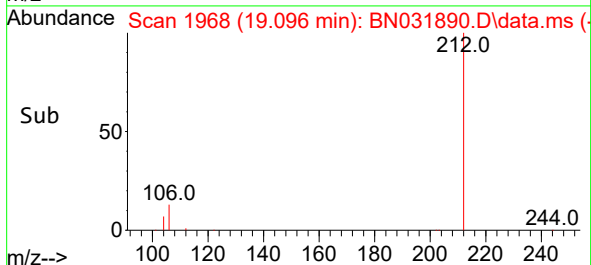
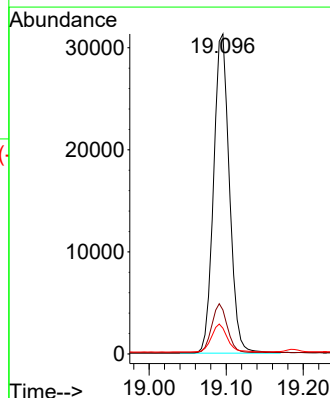
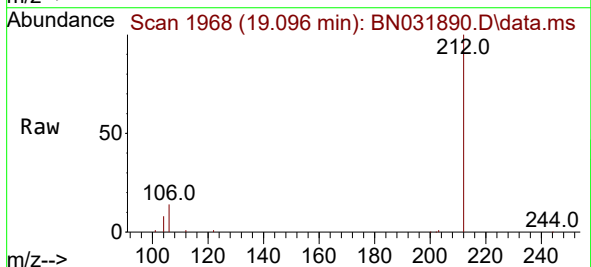
Tgt Ion:212 Resp: 44488

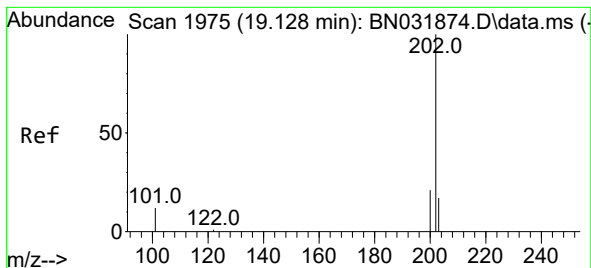
Ion Ratio Lower Upper

212 100

106 15.1 11.8 17.8

104 8.6 6.6 10.0





#28

Fluoranthene

Concen: 0.039 ng

RT: 19.124 min Scan# 1975

Delta R.T. -0.005 min

Lab File: BN031890.D

Acq: 10 Jun 2024 23:22

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-220-222

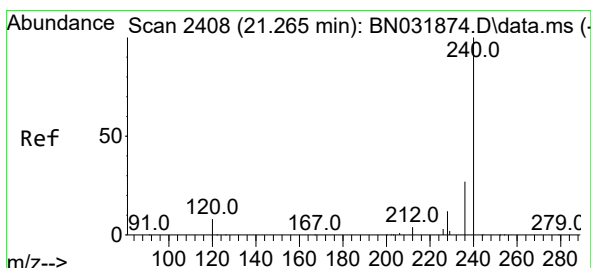
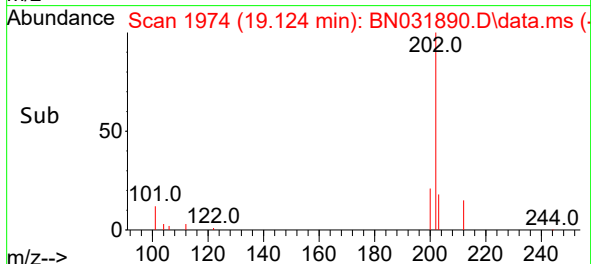
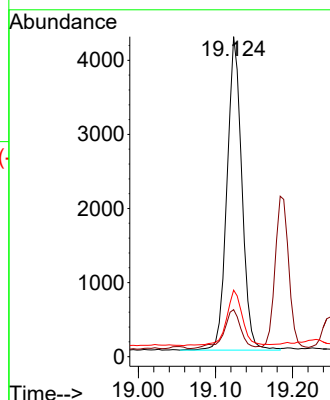
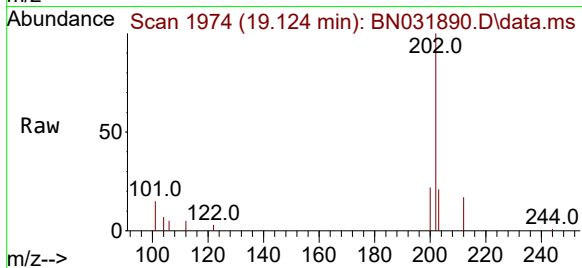
Tgt Ion:202 Resp: 5663

Ion Ratio Lower Upper

202 100

101 14.0 9.8 14.6

203 18.0 13.7 20.5



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.256 min Scan# 2407

Delta R.T. -0.009 min

Lab File: BN031890.D

Acq: 10 Jun 2024 23:22

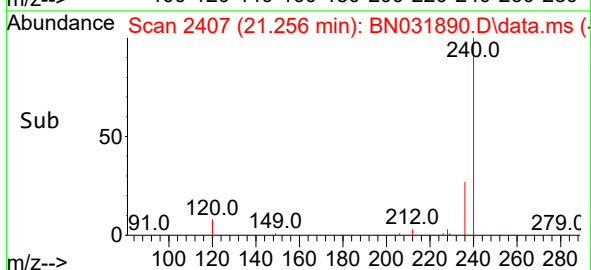
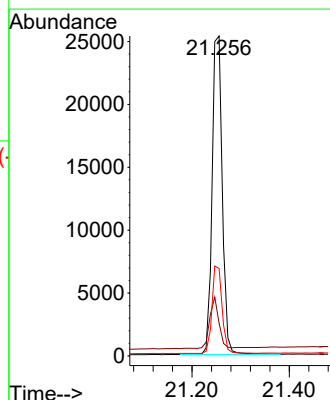
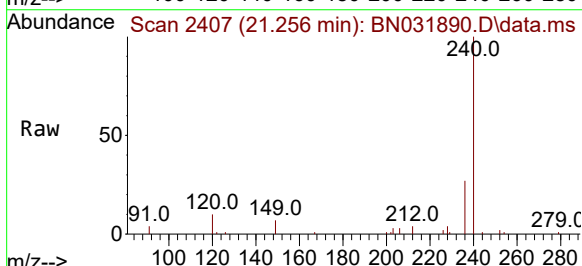
Tgt Ion:240 Resp: 36782

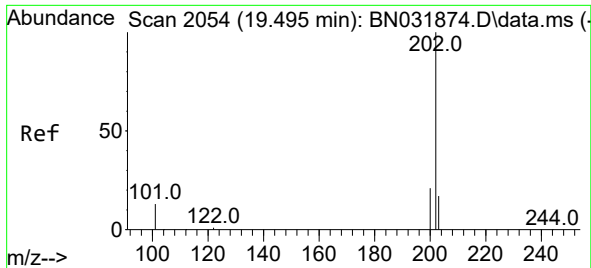
Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.4

236 27.4 21.8 32.8

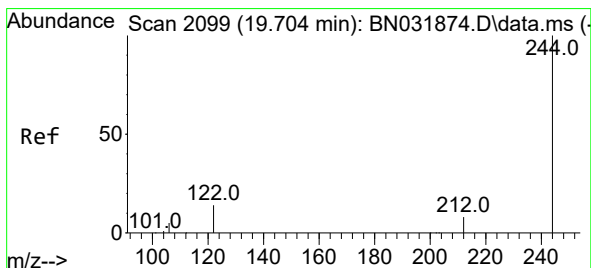
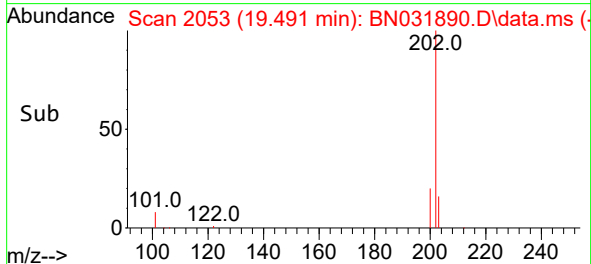
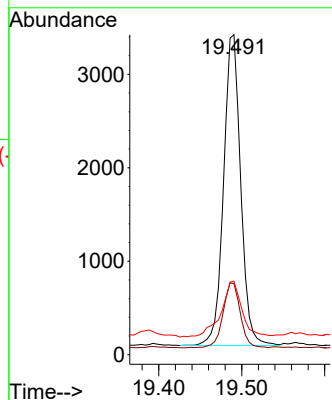
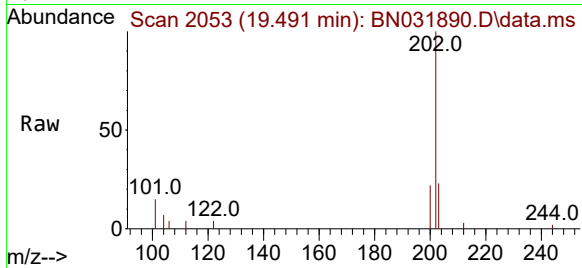




#30
 Pyrene
 Concen: 0.033 ng
 RT: 19.491 min Scan# 2053
 Delta R.T. -0.005 min
 Lab File: BN031890.D
 Acq: 10 Jun 2024 23:22

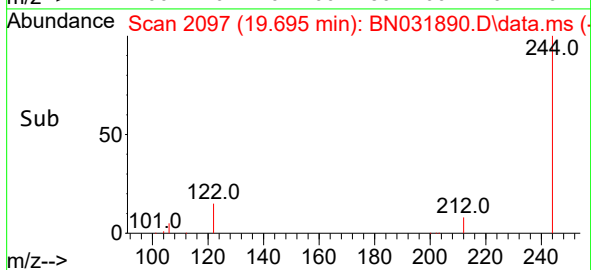
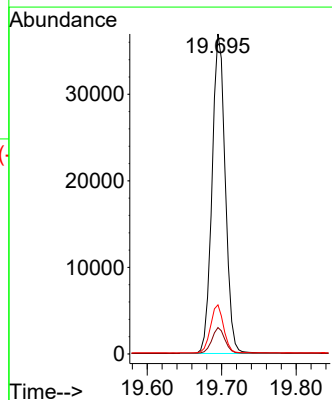
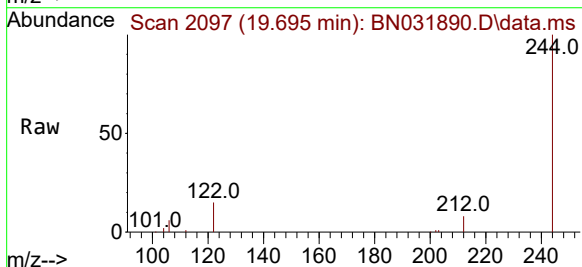
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-220-222

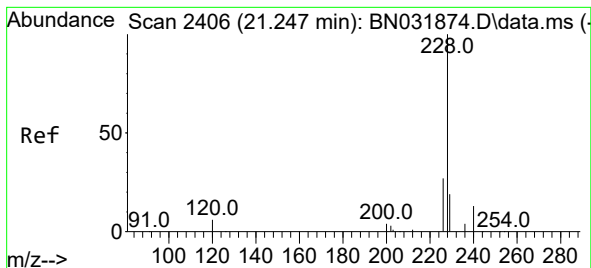
Tgt Ion:	202	Resp:	4761
Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	21.4	14.3	21.5



#31
 Terphenyl-d14
 Concen: 0.507 ng
 RT: 19.695 min Scan# 2097
 Delta R.T. -0.009 min
 Lab File: BN031890.D
 Acq: 10 Jun 2024 23:22

Tgt Ion:	244	Resp:	45550
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	15.4	11.4	17.0





#32

Benzo(a)anthracene

Concen: 0.040 ng

RT: 21.238 min Scan# 2405

Delta R.T. -0.009 min

Lab File: BN031890.D

Acq: 10 Jun 2024 23:22

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-220-222

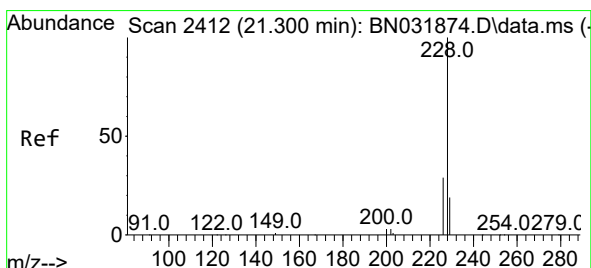
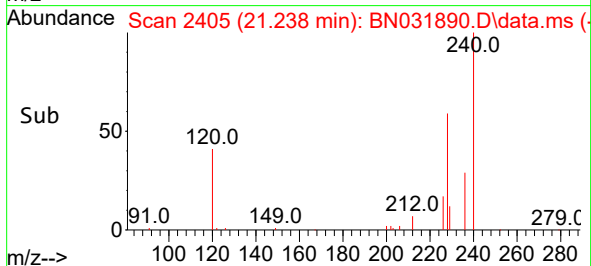
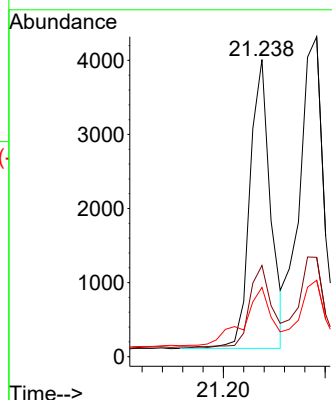
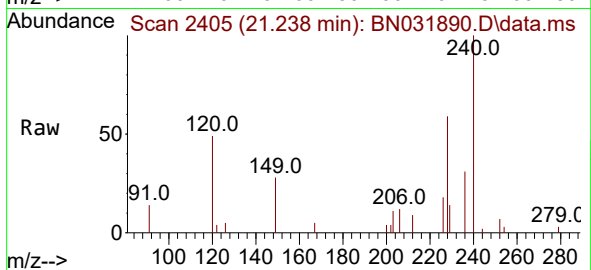
Tgt Ion:228 Resp: 5493

Ion Ratio Lower Upper

228 100

226 30.7 21.8 32.6

229 23.3 15.8 23.8



#33

Chrysene

Concen: 0.039 ng

RT: 21.238 min Scan# 2405

Delta R.T. -0.063 min

Lab File: BN031890.D

Acq: 10 Jun 2024 23:22

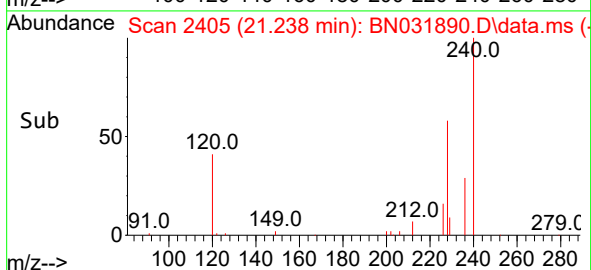
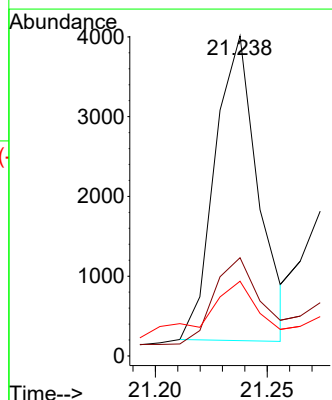
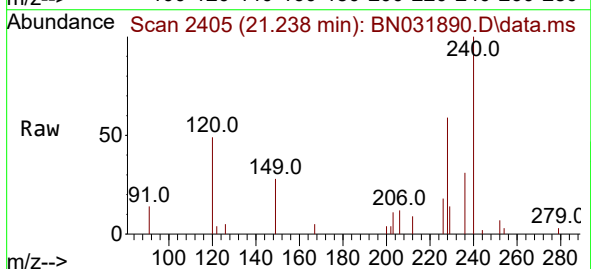
Tgt Ion:228 Resp: 5154

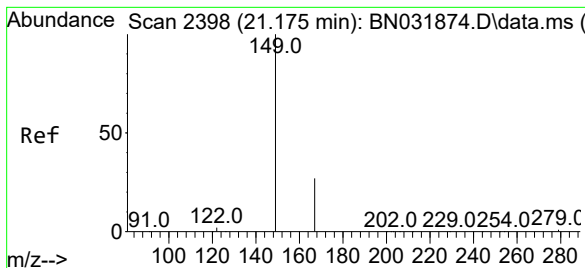
Ion Ratio Lower Upper

228 100

226 30.7 23.6 35.4

229 23.3 15.8 23.6

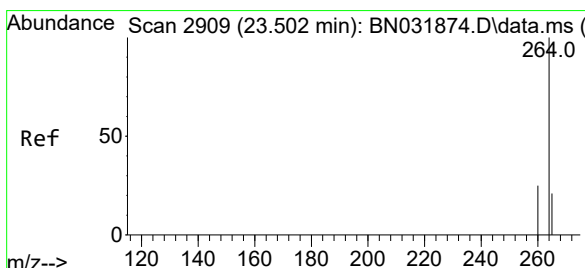
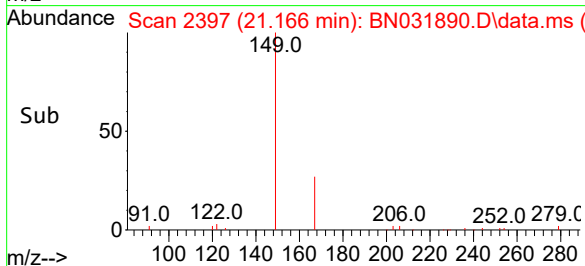
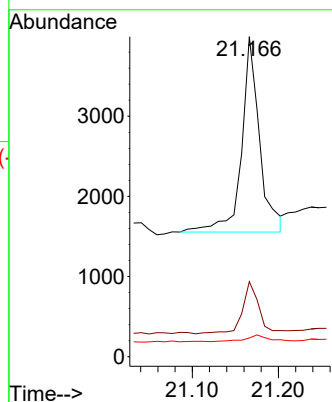
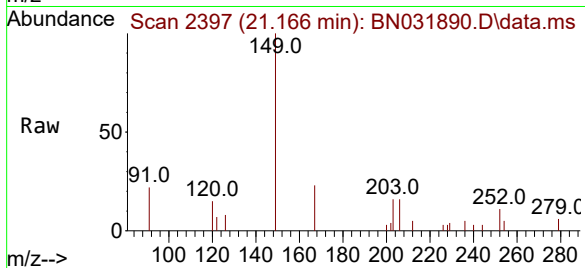




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.037 ng
RT: 21.166 min Scan# 2117
Delta R.T. -0.009 min
Lab File: BN031890.D
Acq: 10 Jun 2024 23:22

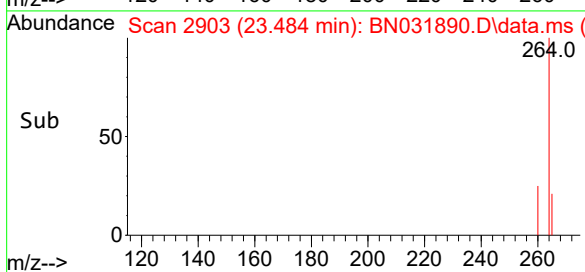
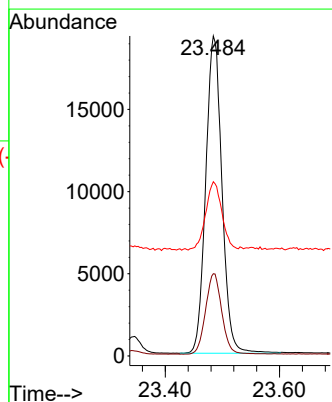
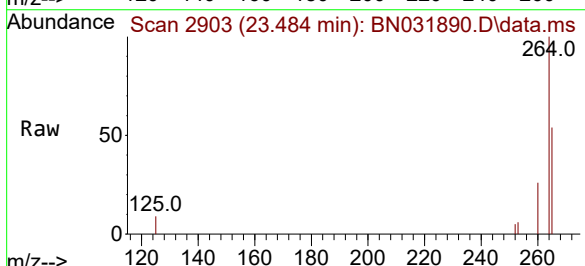
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-220-222

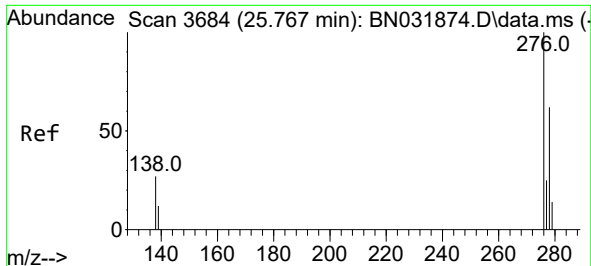
Tgt Ion:149 Resp: 3532
Ion Ratio Lower Upper
149 100
167 25.3 22.5 33.7
279 5.3 2.9 4.3#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.484 min Scan# 2903
Delta R.T. -0.017 min
Lab File: BN031890.D
Acq: 10 Jun 2024 23:22

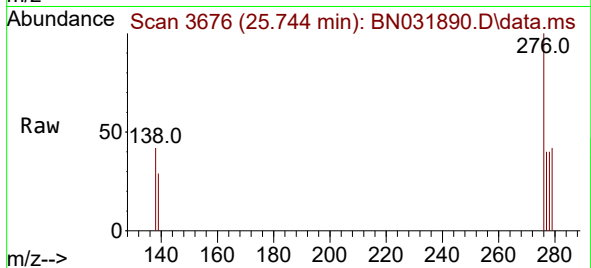
Tgt Ion:264 Resp: 38044
Ion Ratio Lower Upper
264 100
260 25.7 20.5 30.7
265 54.4 39.6 59.4



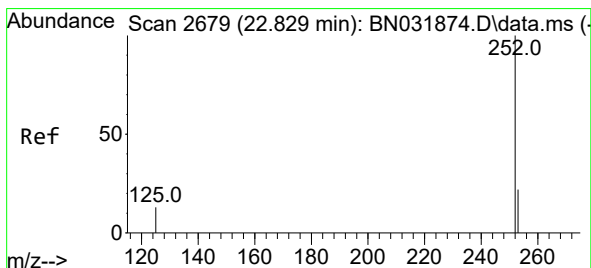
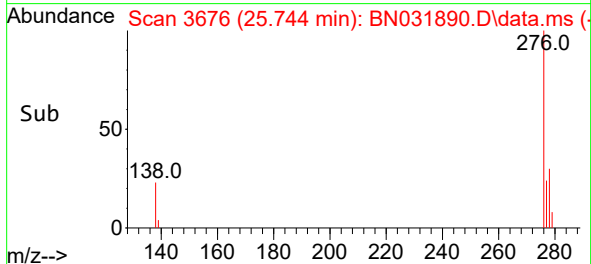
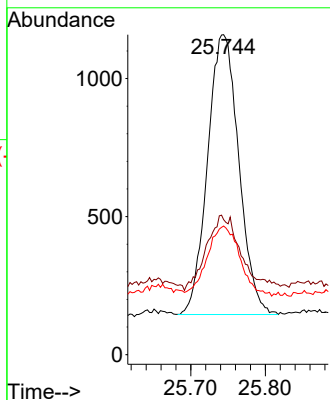


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng
RT: 25.744 min Scan# 30
Delta R.T. -0.023 min
Lab File: BN031890.D
Acq: 10 Jun 2024 23:22

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-220-222

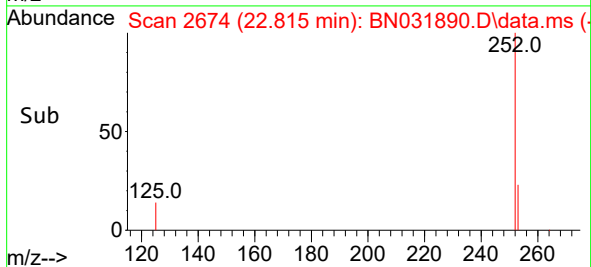
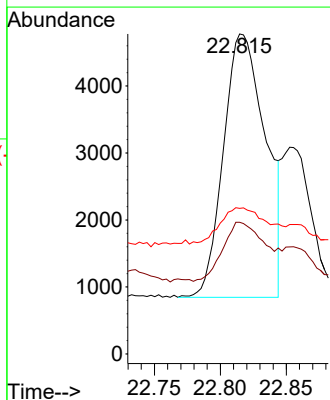
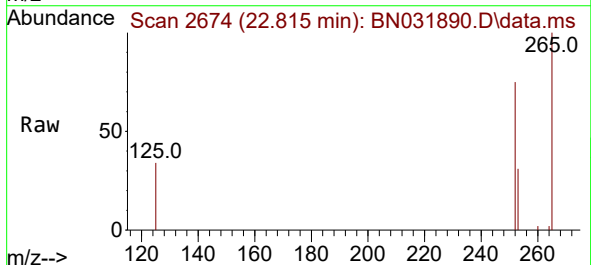


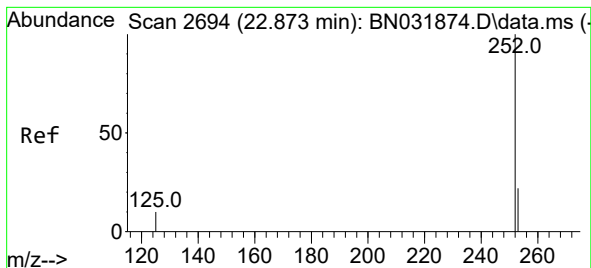
Tgt Ion:276 Resp: 2958
Ion Ratio Lower Upper
276 100
138 29.7 21.5 32.3
277 26.2 19.8 29.8



#37
Benzo(b)fluoranthene
Concen: 0.063 ng
RT: 22.815 min Scan# 2674
Delta R.T. -0.015 min
Lab File: BN031890.D
Acq: 10 Jun 2024 23:22

Tgt Ion:252 Resp: 8735
Ion Ratio Lower Upper
252 100
253 41.2 20.2 30.2#
125 45.5 14.2 21.4#





#38

Benzo(k)fluoranthene

Concen: 0.067 ng

RT: 22.815 min Scan# 2

Delta R.T. -0.058 min

Lab File: BN031890.D

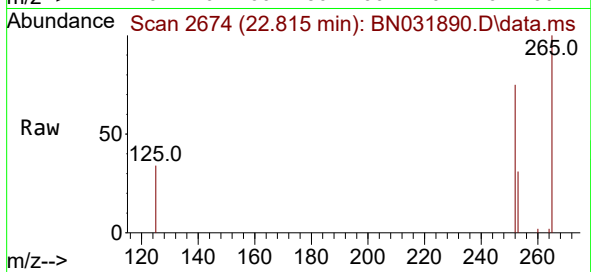
Acq: 10 Jun 2024 23:22

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-220-222



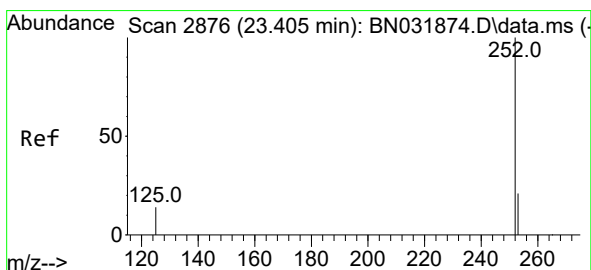
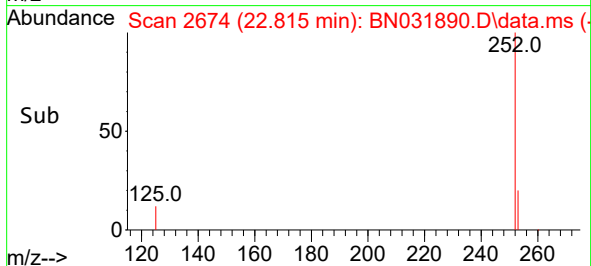
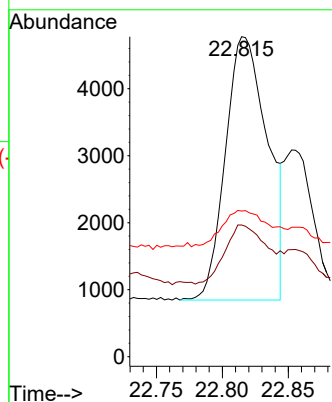
Tgt Ion:252 Resp: 8735

Ion Ratio Lower Upper

252 100

253 41.2 19.9 29.9#

125 45.5 13.0 19.4#



#39

Benzo(a)pyrene

Concen: 0.027 ng

RT: 23.388 min Scan# 2870

Delta R.T. -0.017 min

Lab File: BN031890.D

Acq: 10 Jun 2024 23:22

Tgt Ion:252 Resp: 3175

Ion Ratio Lower Upper

252 100

253 59.7 20.5 30.7#

125 75.4 16.4 24.6#

