

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061024\
 Data File : BN031892.D
 Acq On : 11 Jun 2024 00:34
 Operator : MA/JU
 Sample : P2771-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-260-262

Quant Time: Jun 11 01:00:23 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

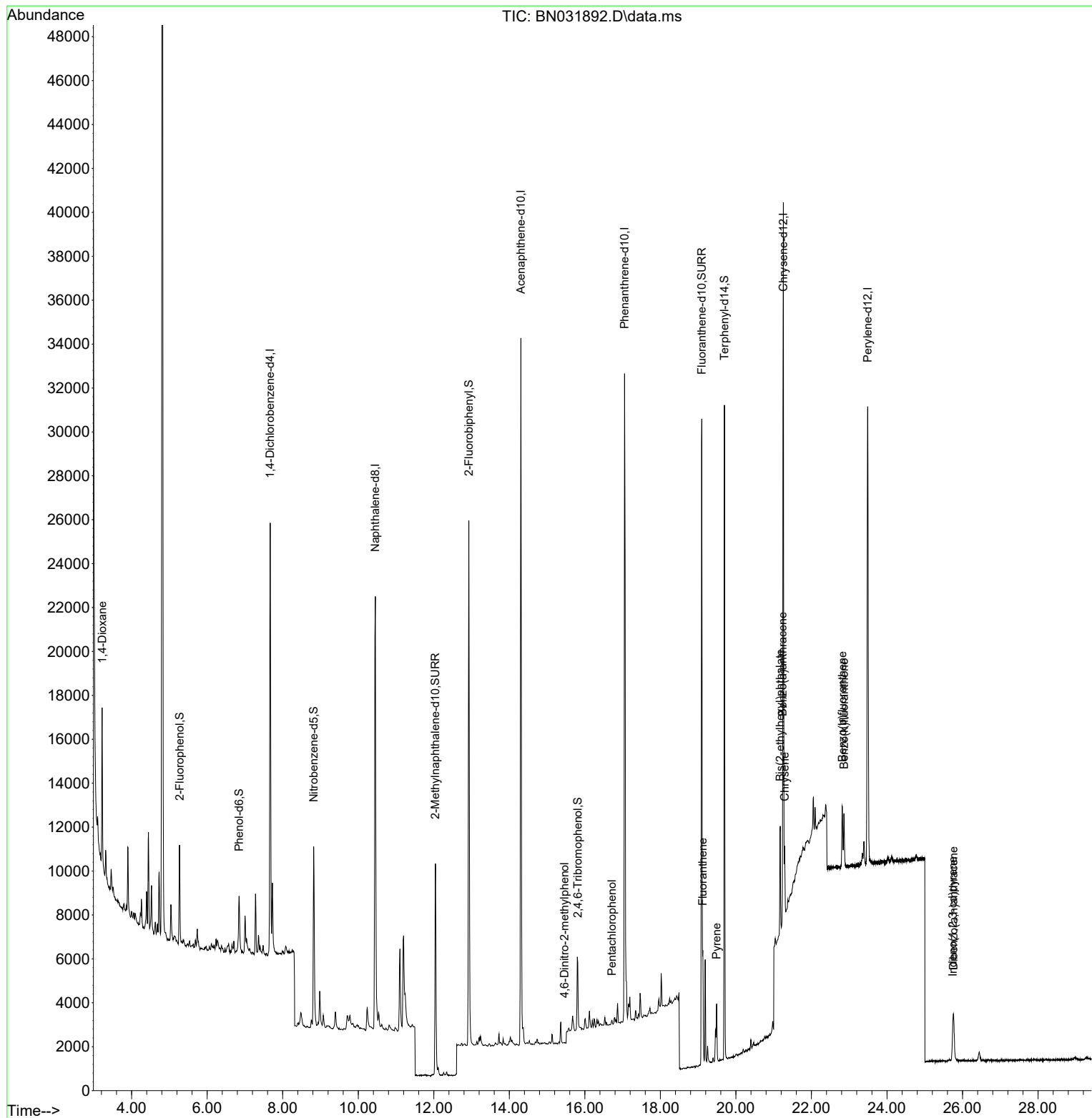
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.668	152	10015	0.400	ng	0.00
7) Naphthalene-d8	10.453	136	31307	0.400	ng	0.00
13) Acenaphthene-d10	14.306	164	19372	0.400	ng	-0.01
19) Phenanthrene-d10	17.053	188	41634	0.400	ng	#-0.01
29) Chrysene-d12	21.256	240	28800	0.400	ng	# 0.00
35) Perylene-d12	23.490	264	27781	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.270	112	3947	0.139	ng	0.00
5) Phenol-d6	6.844	99	3115	0.083	ng	0.00
8) Nitrobenzene-d5	8.819	82	7876	0.303	ng	0.00
11) 2-Methylnaphthalene-d10	12.043	152	14880	0.298	ng	0.00
14) 2,4,6-Tribromophenol	15.812	330	2282	0.246	ng	0.00
15) 2-Fluorobiphenyl	12.927	172	23246	0.316	ng	0.00
27) Fluoranthene-d10	19.095	212	33336	0.294	ng	0.00
31) Terphenyl-d14	19.695	244	28436	0.404	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.219	88	4627	0.377	ng	# 86
20) 4,6-Dinitro-2-methylph...	15.461	198	58	0.181	ng	# 1
24) Pentachlorophenol	16.718	266	162	0.181	ng	# 87
28) Fluoranthene	19.123	202	3681	0.026	ng	# 92
30) Pyrene	19.490	202	2466	0.022	ng	# 95
32) Benzo(a)anthracene	21.238	228	2398	0.022	ng	# 91
33) Chrysene	21.291	228	2553	0.025	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.175	149	5699	0.077	ng	# 94
36) Indeno(1,2,3-cd)pyrene	25.744	276	2604	0.025	ng	# 83
37) Benzo(b)fluoranthene	22.817	252	3421	0.034	ng	# 14
38) Benzo(k)fluoranthene	22.861	252	2994	0.031	ng	# 14
40) Dibenzo(a,h)anthracene	25.761	278	2219	0.027	ng	# 36

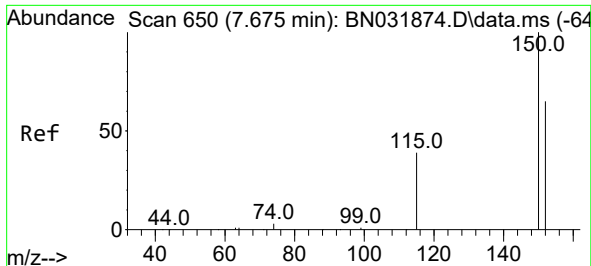
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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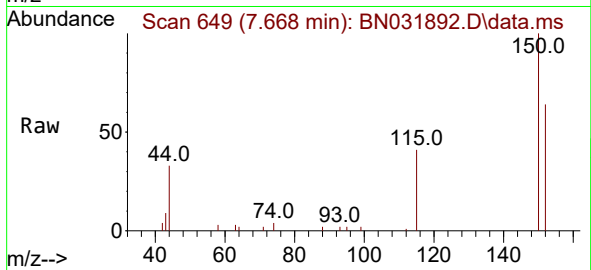
Quant Time: Jun 11 01:00:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
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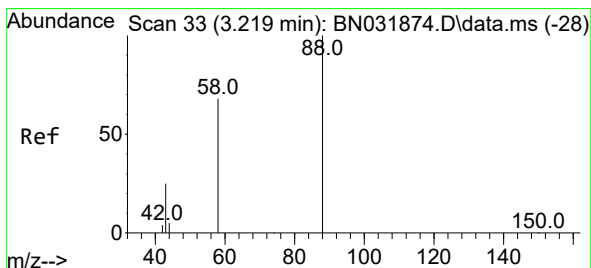
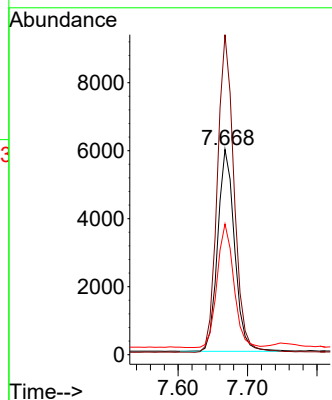
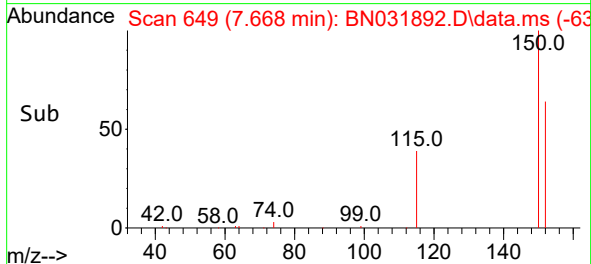


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.668 min Scan# 649
Delta R.T. -0.007 min
Lab File: BN031892.D
Acq: 11 Jun 2024 00:34

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-260-262

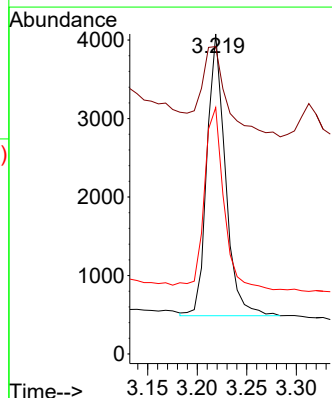
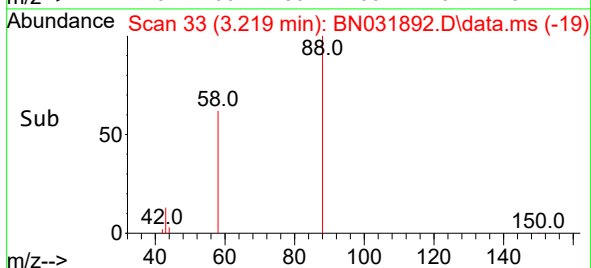
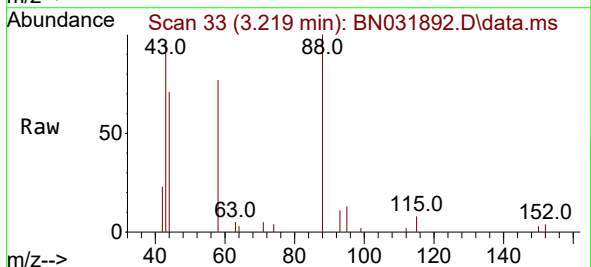


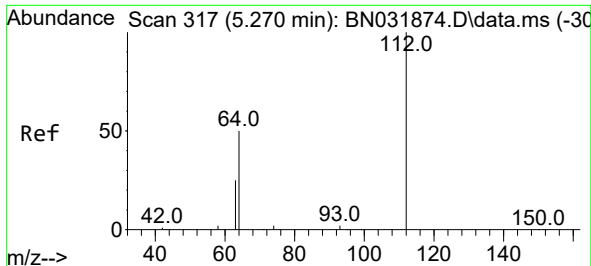
Tgt Ion:152 Resp: 10015
Ion Ratio Lower Upper
152 100
150 155.9 121.0 181.4
115 63.7 49.4 74.0



#2
1,4-Dioxane
Concen: 0.377 ng
RT: 3.219 min Scan# 33
Delta R.T. -0.000 min
Lab File: BN031892.D
Acq: 11 Jun 2024 00:34

Tgt Ion: 88 Resp: 4627
Ion Ratio Lower Upper
88 100
43 45.1 22.7 34.1#
58 69.5 51.3 76.9

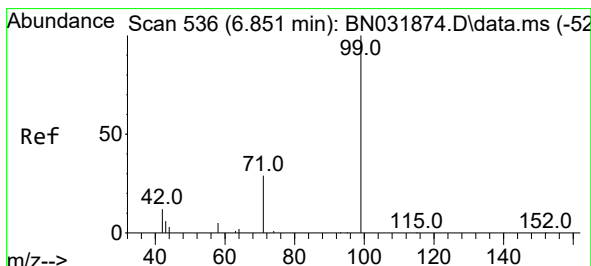
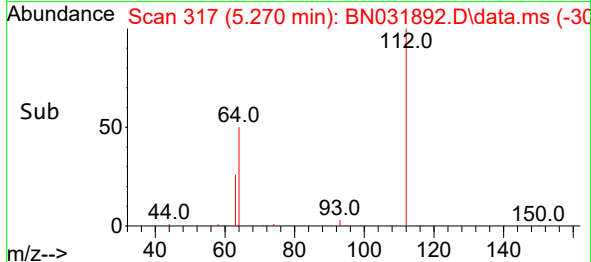
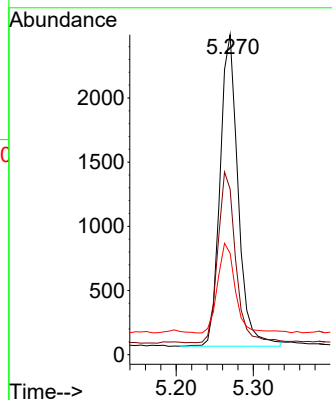
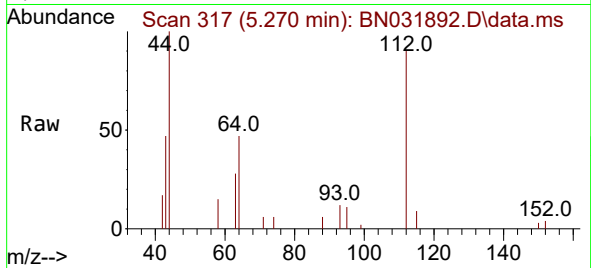




#4
2-Fluorophenol
Concen: 0.139 ng
RT: 5.270 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN031892.D
Acq: 11 Jun 2024 00:34

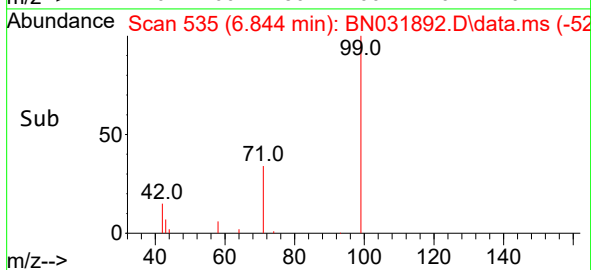
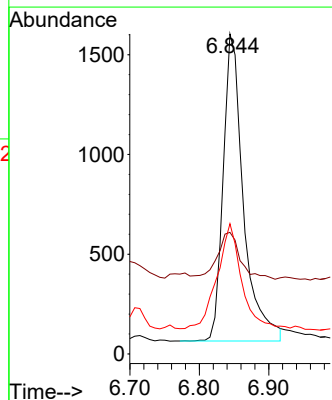
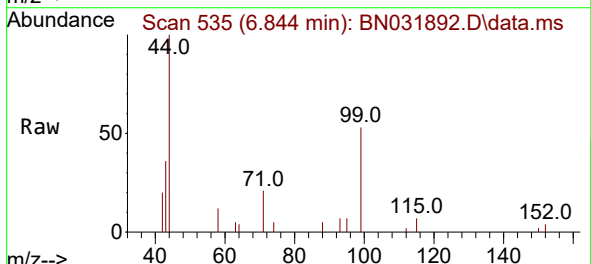
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-260-262

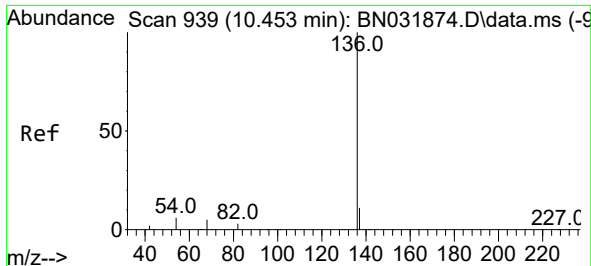
Tgt Ion:112 Resp: 3947
Ion Ratio Lower Upper
112 100
64 54.0 42.4 63.6
63 28.2 22.1 33.1



#5
Phenol-d6
Concen: 0.083 ng
RT: 6.844 min Scan# 535
Delta R.T. -0.007 min
Lab File: BN031892.D
Acq: 11 Jun 2024 00:34

Tgt Ion: 99 Resp: 3115
Ion Ratio Lower Upper
99 100
42 17.2 12.8 19.2
71 40.5 25.4 38.2#

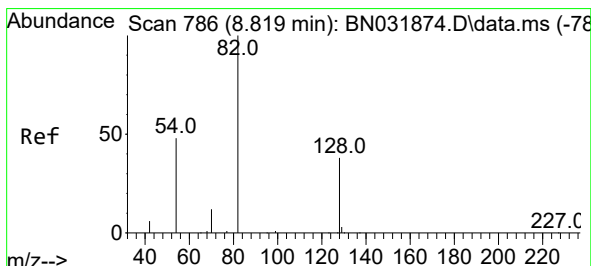
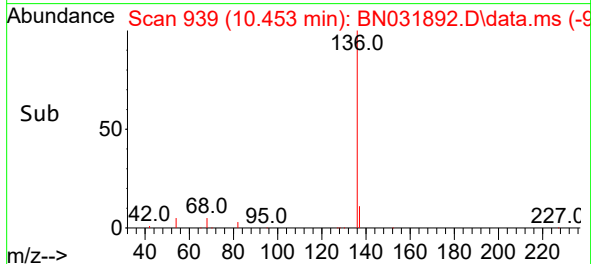
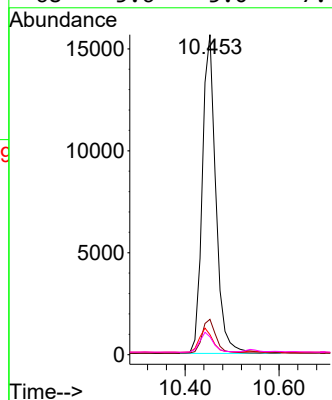
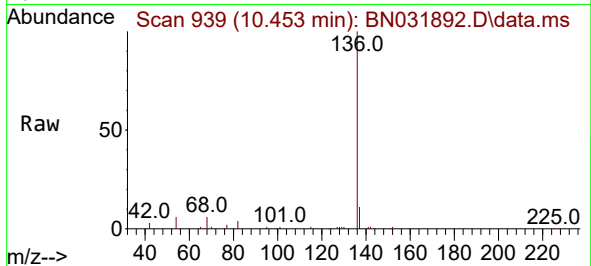




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.453 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN031892.D
Acq: 11 Jun 2024 00:34

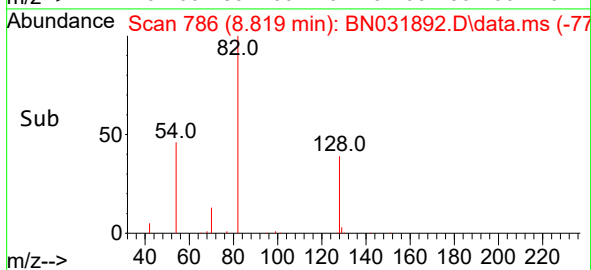
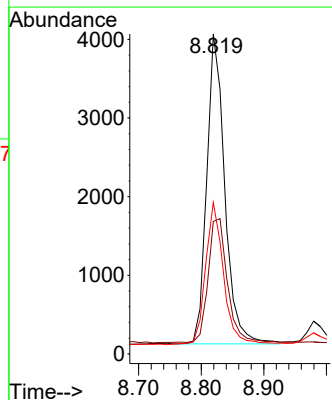
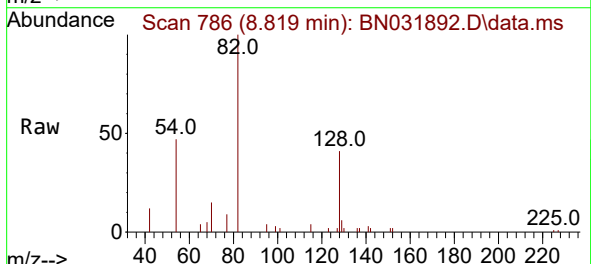
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-260-262

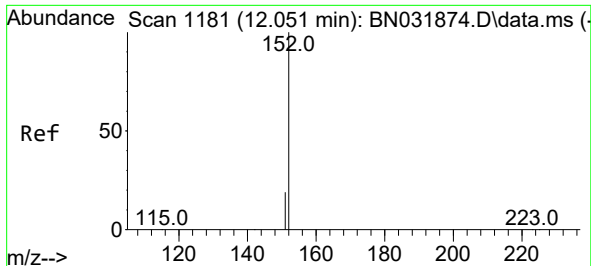
Tgt Ion:	136	Resp:	31307
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	6.2	5.6	8.4
68	5.6	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.303 ng
RT: 8.819 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN031892.D
Acq: 11 Jun 2024 00:34

Tgt Ion:	82	Resp:	7876
Ion Ratio	Lower	Upper	
82	100		
128	41.4	32.1	48.1
54	47.3	39.7	59.5





#11

2-Methylnaphthalene-d10

Concen: 0.298 ng

RT: 12.043 min Scan# 1181

Delta R.T. -0.008 min

Lab File: BN031892.D

Acq: 11 Jun 2024 00:34

Instrument :

BNA_N

ClientSampleId :

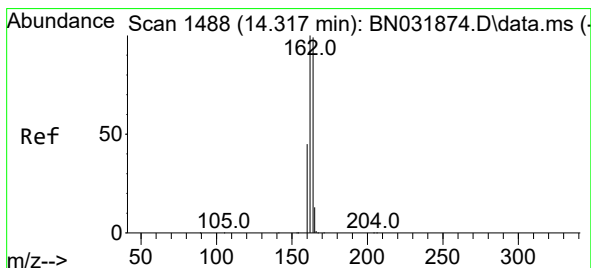
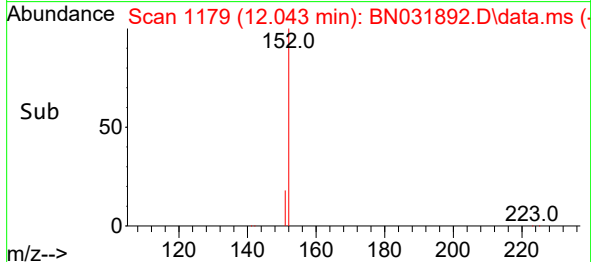
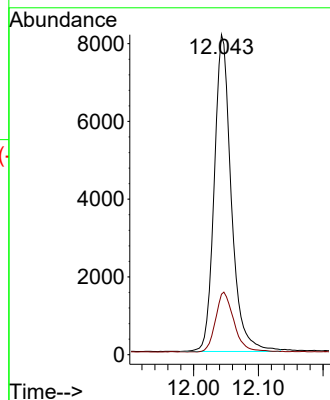
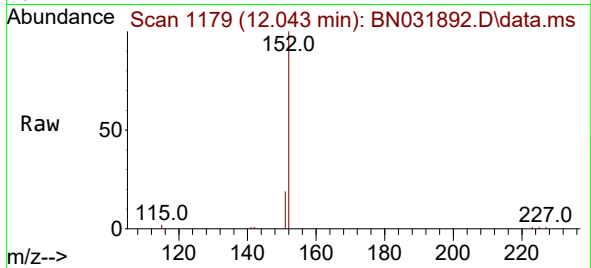
BP-VPB-196-GW-260-262

Tgt Ion:152 Resp: 14880

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: BN031892.D

Acq: 11 Jun 2024 00:34

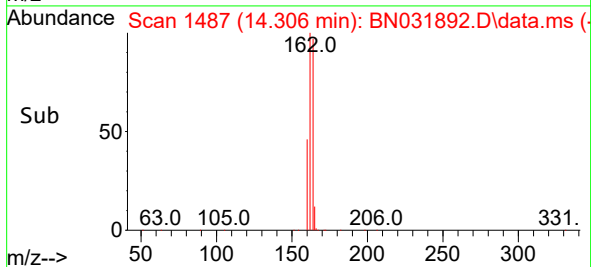
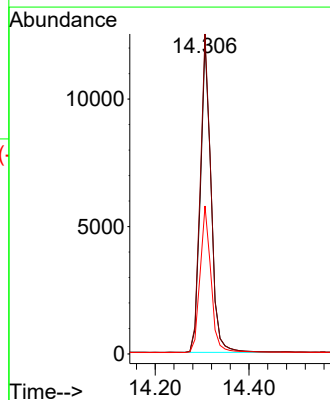
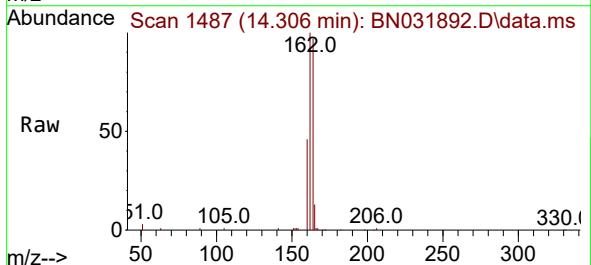
Tgt Ion:164 Resp: 19372

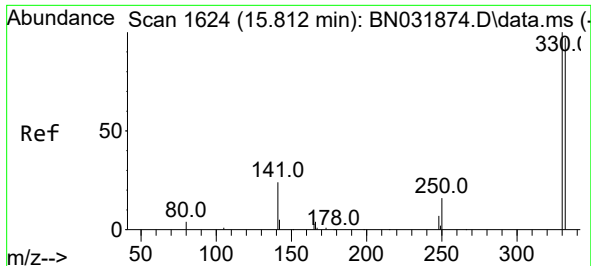
Ion Ratio Lower Upper

164 100

162 102.6 80.7 121.1

160 47.5 36.2 54.4

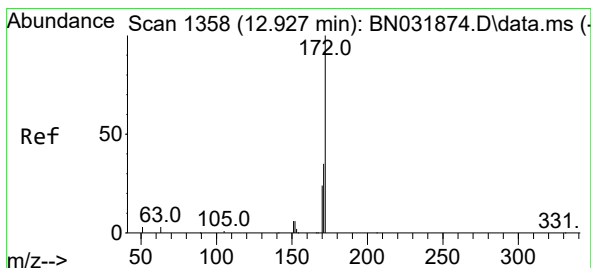
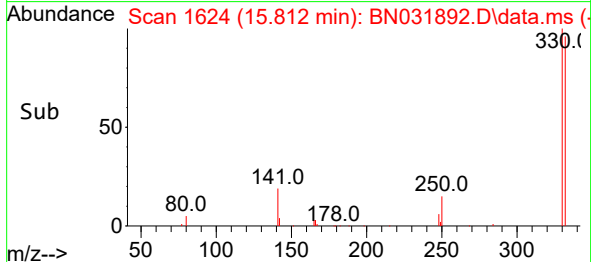
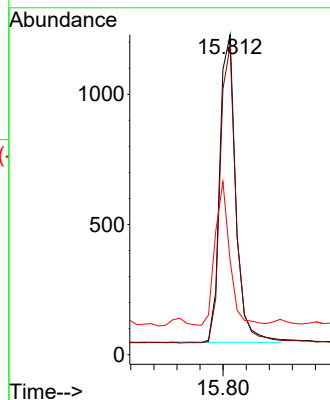
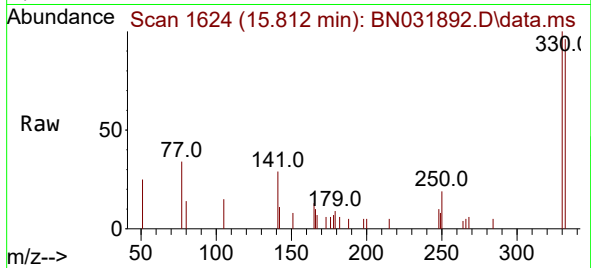




#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 15.812 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN031892.D
Acq: 11 Jun 2024 00:34

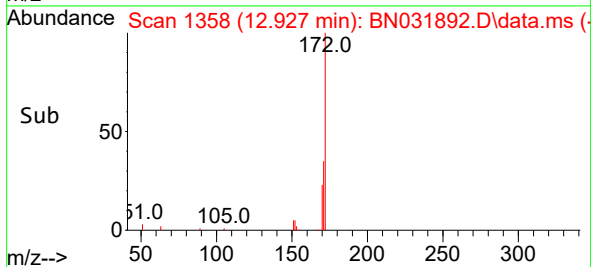
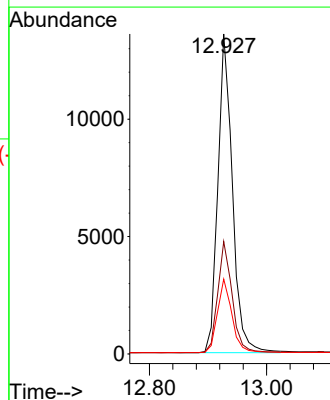
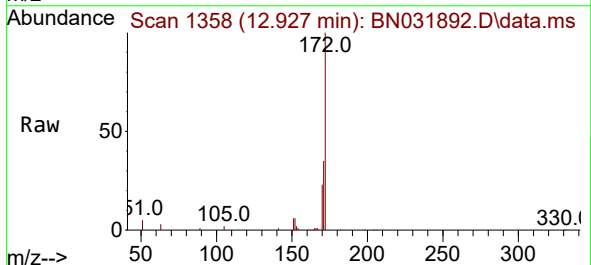
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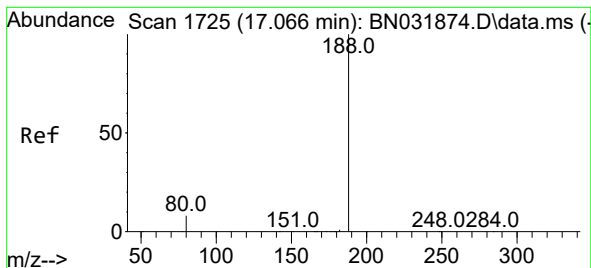
Tgt Ion:330 Resp: 2282
Ion Ratio Lower Upper
330 100
332 95.0 77.5 116.3
141 42.6 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.316 ng
RT: 12.927 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN031892.D
Acq: 11 Jun 2024 00:34

Tgt Ion:172 Resp: 23246
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.4 19.2 28.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.053 min Scan# 11

Delta R.T. -0.013 min

Lab File: BN031892.D

Acq: 11 Jun 2024 00:34

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-260-262

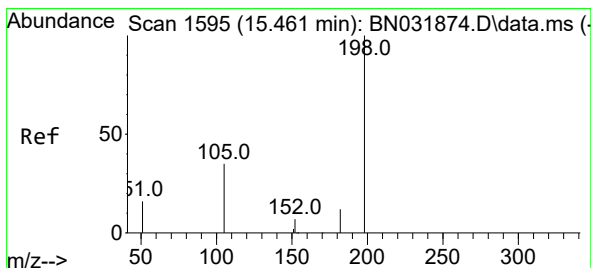
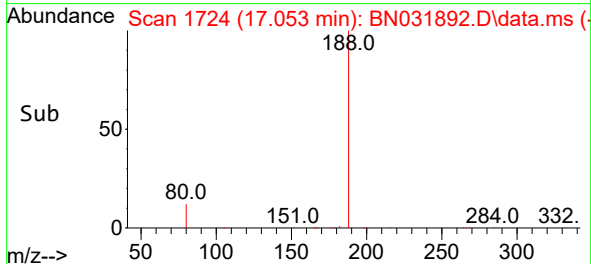
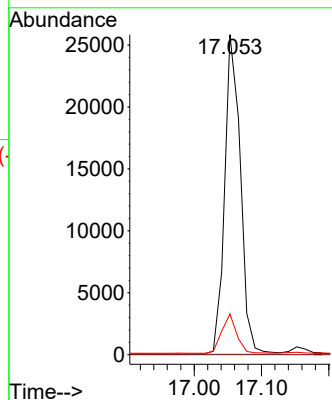
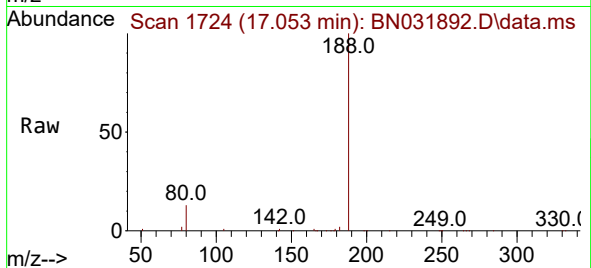
Tgt Ion:188 Resp: 41634

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.7 6.4 9.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.181 ng

RT: 15.461 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BN031892.D

Acq: 11 Jun 2024 00:34

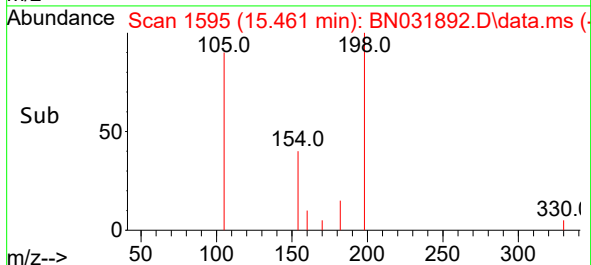
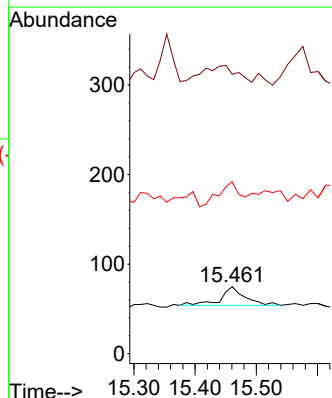
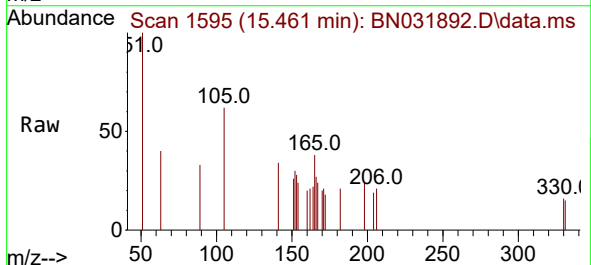
Tgt Ion:198 Resp: 58

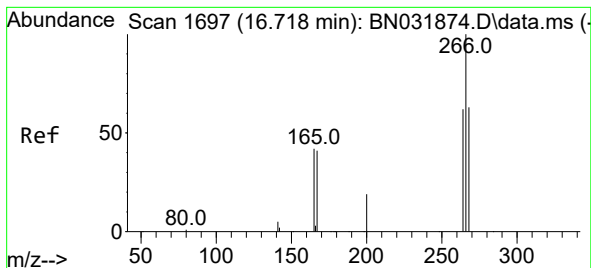
Ion Ratio Lower Upper

198 100

51 416.0 42.7 64.1#

105 256.0 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.181 ng

RT: 16.718 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN031892.D

Acq: 11 Jun 2024 00:34

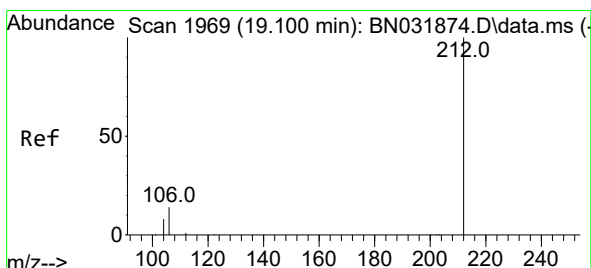
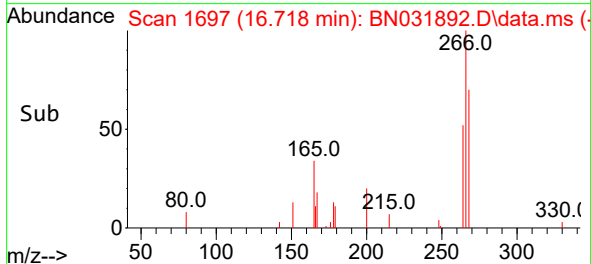
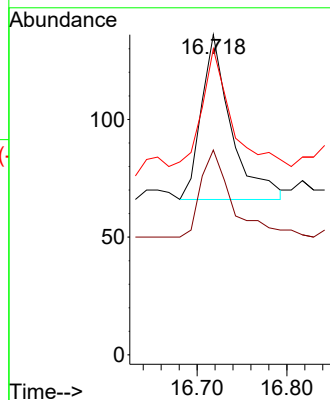
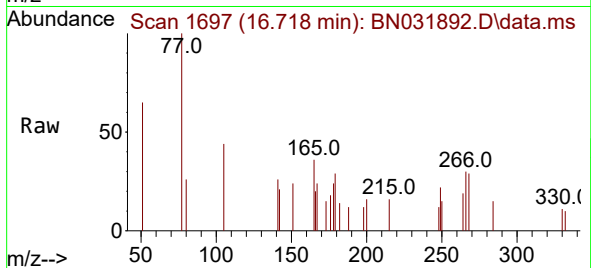
Instrument :

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Tgt Ion:	266	Resp:	162
Ion	Ratio	Lower	Upper
266	100		
264	54.9	50.0	75.0
268	75.9	51.0	76.6



#27

Fluoranthene-d10

Concen: 0.294 ng

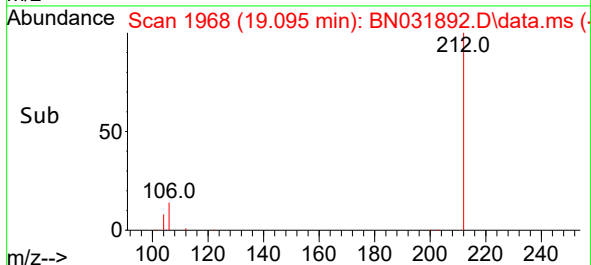
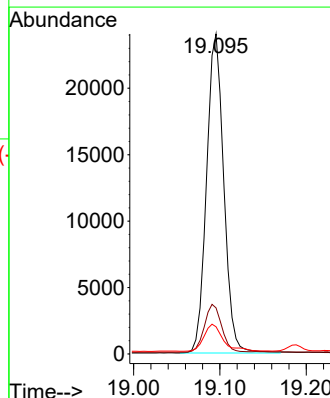
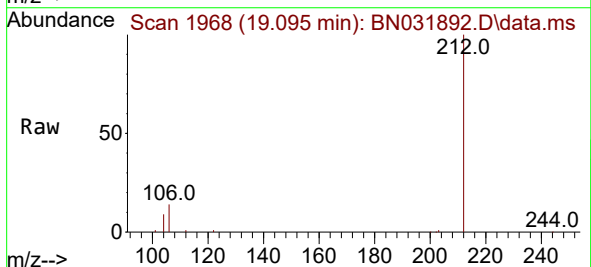
RT: 19.095 min Scan# 1968

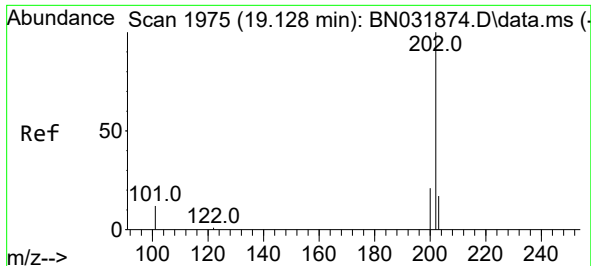
Delta R.T. -0.005 min

Lab File: BN031892.D

Acq: 11 Jun 2024 00:34

Tgt Ion:	212	Resp:	33336
Ion	Ratio	Lower	Upper
212	100		
106	15.3	11.8	17.8
104	9.4	6.6	10.0

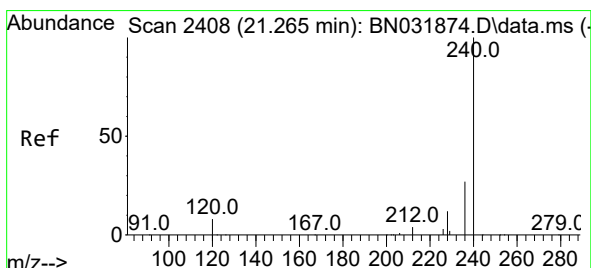
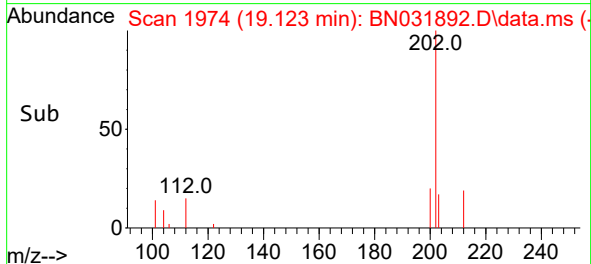
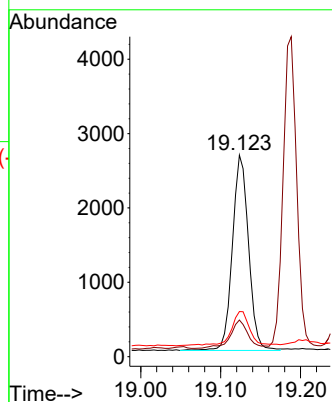
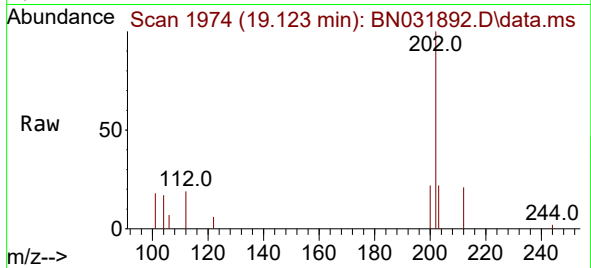




#28
Fluoranthene
Concen: 0.026 ng
RT: 19.123 min Scan# 1974
Delta R.T. -0.005 min
Lab File: BN031892.D
Acq: 11 Jun 2024 00:34

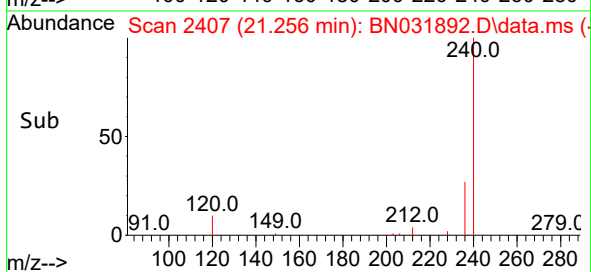
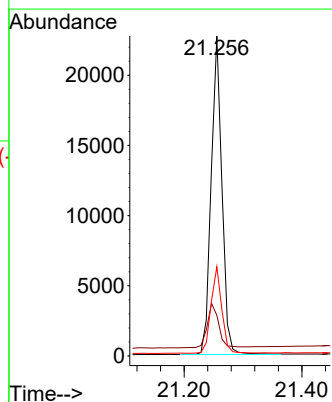
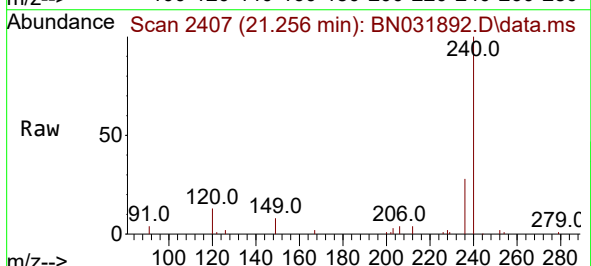
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-260-262

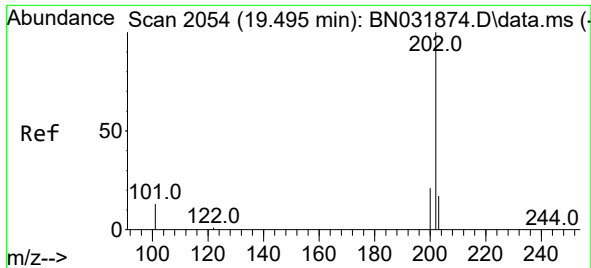
Tgt Ion:202 Resp: 3681
Ion Ratio Lower Upper
202 100
101 15.4 9.8 14.6#
203 20.8 13.7 20.5#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.256 min Scan# 2407
Delta R.T. -0.009 min
Lab File: BN031892.D
Acq: 11 Jun 2024 00:34

Tgt Ion:240 Resp: 28800
Ion Ratio Lower Upper
240 100
120 12.7 8.2 12.4#
236 27.9 21.8 32.8

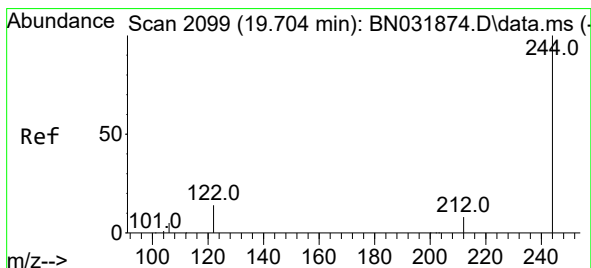
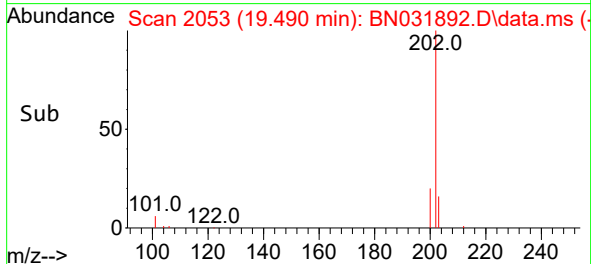
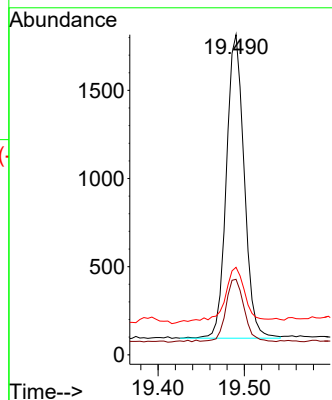
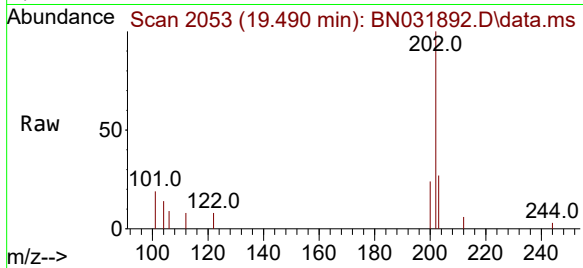




#30
 Pyrene
 Concen: 0.022 ng
 RT: 19.490 min Scan# 2053
 Delta R.T. -0.005 min
 Lab File: BN031892.D
 Acq: 11 Jun 2024 00:34

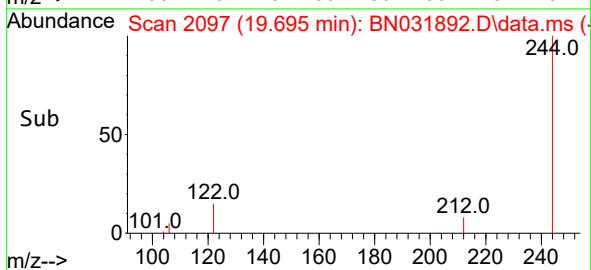
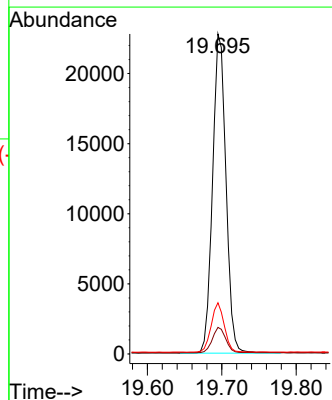
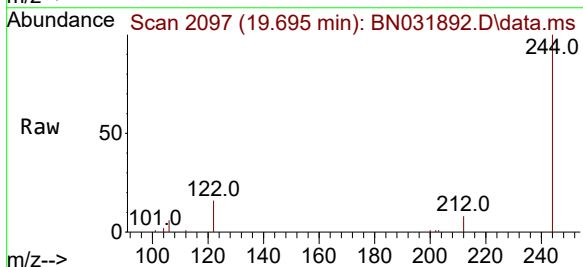
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-260-262

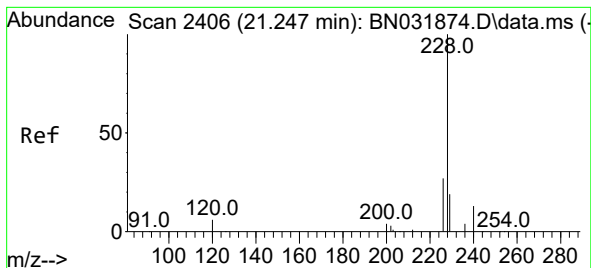
Tgt Ion:202 Resp: 2466
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.7 25.1
 203 22.7 14.3 21.5#



#31
 Terphenyl-d14
 Concen: 0.404 ng
 RT: 19.695 min Scan# 2097
 Delta R.T. -0.009 min
 Lab File: BN031892.D
 Acq: 11 Jun 2024 00:34

Tgt Ion:244 Resp: 28436
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 16.0 11.4 17.0





#32

Benzo(a)anthracene

Concen: 0.022 ng

RT: 21.238 min Scan# 2405

Delta R.T. -0.009 min

Lab File: BN031892.D

Acq: 11 Jun 2024 00:34

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-260-262

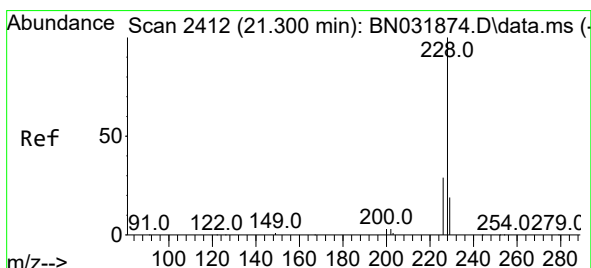
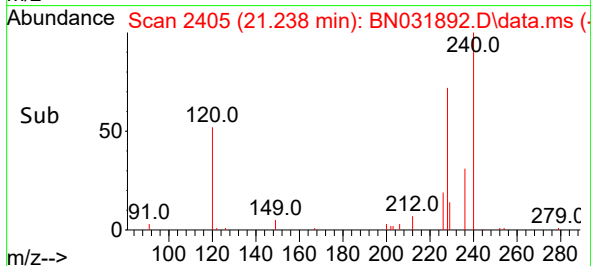
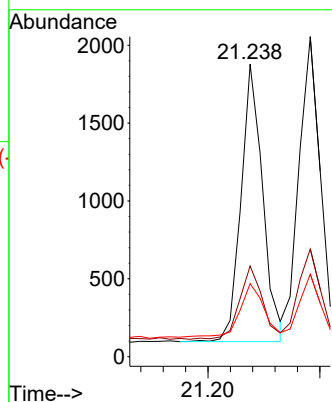
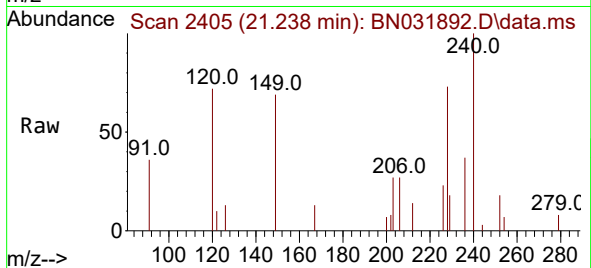
Tgt Ion:228 Resp: 2398

Ion Ratio Lower Upper

228 100

226 31.0 21.8 32.6

229 25.0 15.8 23.8#



#33

Chrysene

Concen: 0.025 ng

RT: 21.291 min Scan# 2411

Delta R.T. -0.009 min

Lab File: BN031892.D

Acq: 11 Jun 2024 00:34

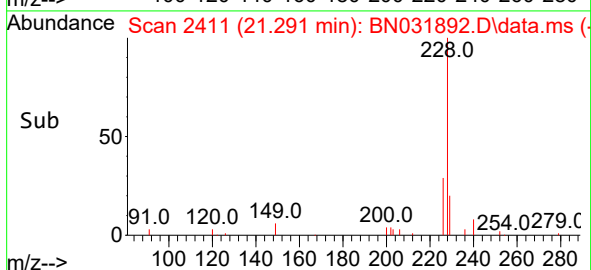
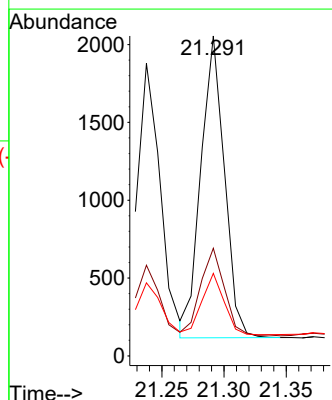
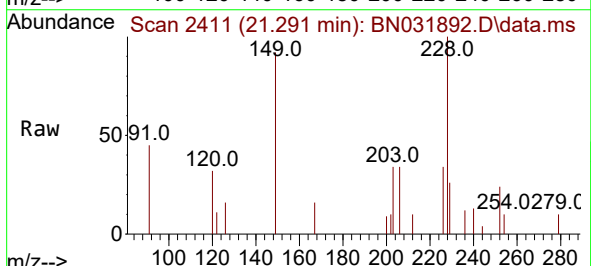
Tgt Ion:228 Resp: 2553

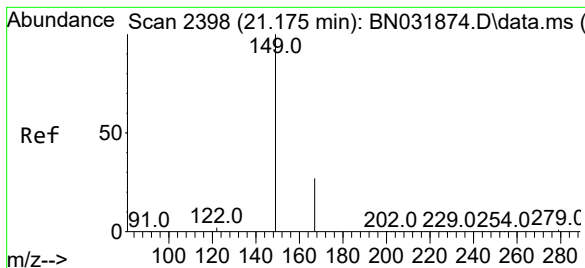
Ion Ratio Lower Upper

228 100

226 33.6 23.6 35.4

229 25.8 15.8 23.6#





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.077 ng

RT: 21.175 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN031892.D

Acq: 11 Jun 2024 00:34

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-260-262

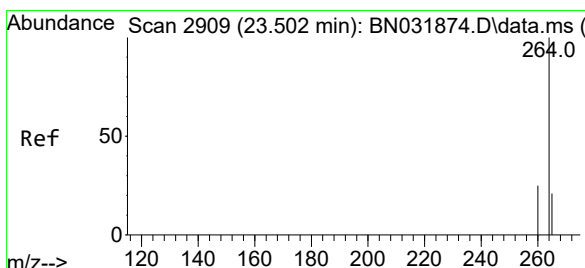
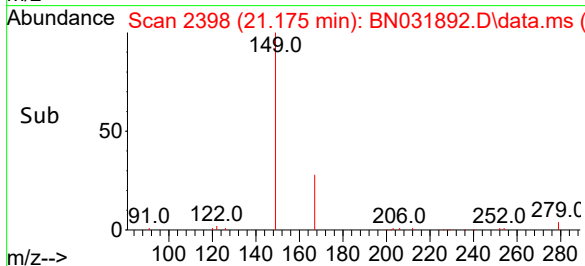
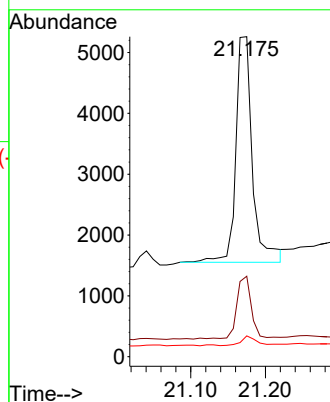
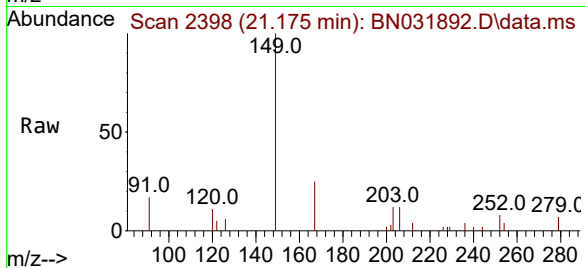
Tgt Ion:149 Resp: 5699

Ion Ratio Lower Upper

149 100

167 24.7 22.5 33.7

279 4.2 2.9 4.3



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.490 min Scan# 2905

Delta R.T. -0.012 min

Lab File: BN031892.D

Acq: 11 Jun 2024 00:34

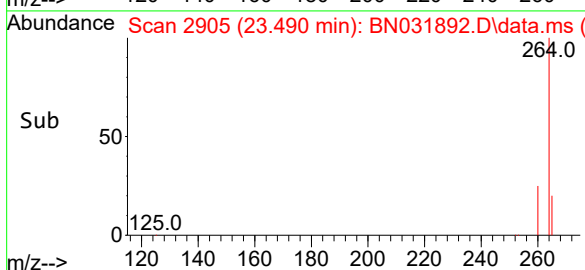
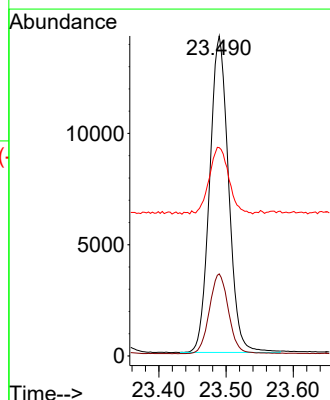
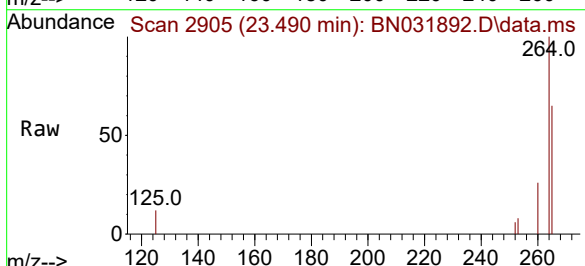
Tgt Ion:264 Resp: 27781

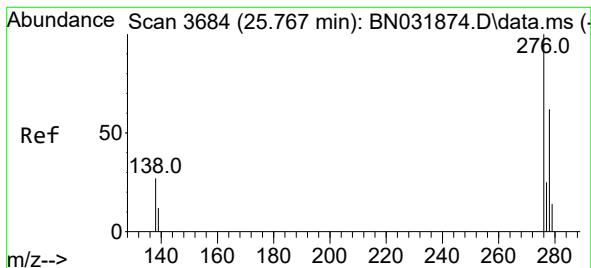
Ion Ratio Lower Upper

264 100

260 25.7 20.5 30.7

265 65.1 39.6 59.4#





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.025 ng

RT: 25.744 min Scan# 3

Delta R.T. -0.024 min

Lab File: BN031892.D

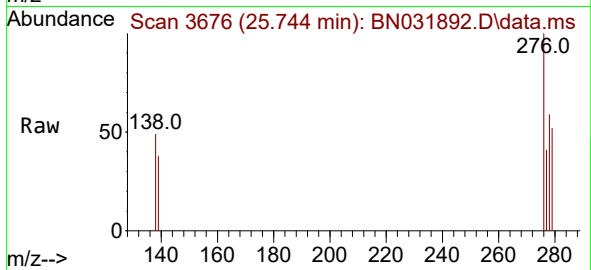
Acq: 11 Jun 2024 00:34

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-260-262



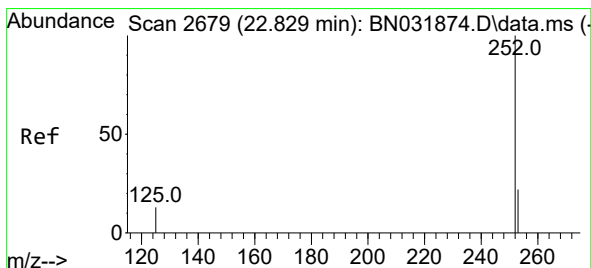
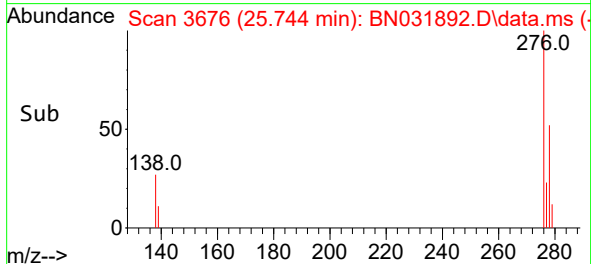
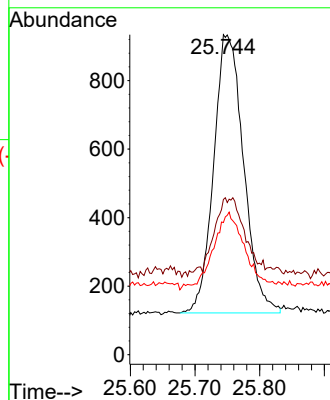
Tgt Ion:276 Resp: 2604

Ion Ratio Lower Upper

276 100

138 11.5 21.5 32.3#

277 26.6 19.8 29.8



#37

Benzo(b)fluoranthene

Concen: 0.034 ng

RT: 22.817 min Scan# 2675

Delta R.T. -0.012 min

Lab File: BN031892.D

Acq: 11 Jun 2024 00:34

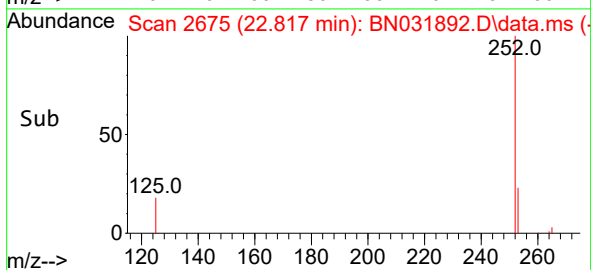
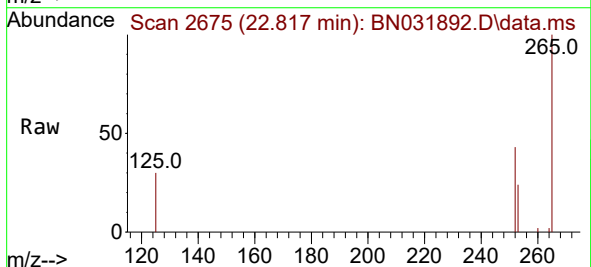
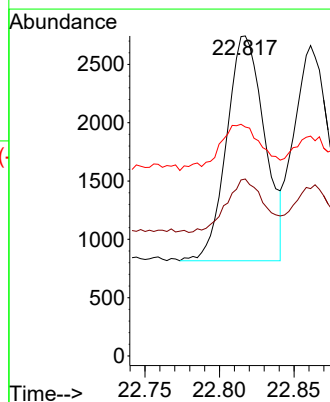
Tgt Ion:252 Resp: 3421

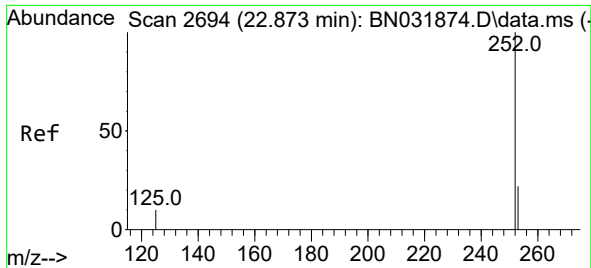
Ion Ratio Lower Upper

252 100

253 55.3 20.2 30.2#

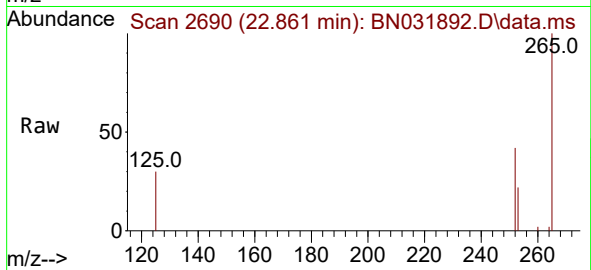
125 71.6 14.2 21.4#



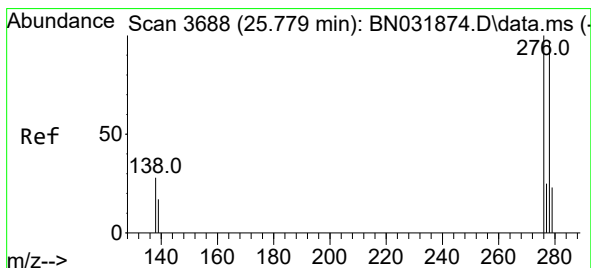
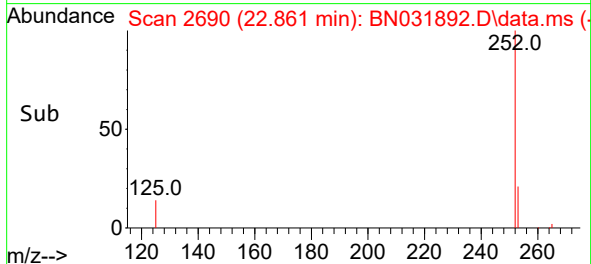
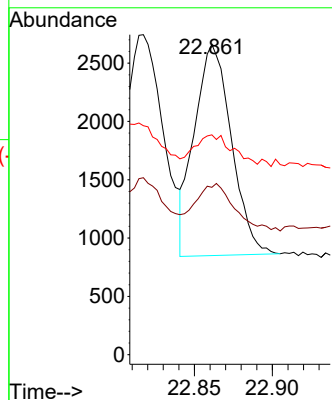


#38
Benzo(k)fluoranthene
Concen: 0.031 ng
RT: 22.861 min Scan# 2690
Delta R.T. -0.012 min
Lab File: BN031892.D
Acq: 11 Jun 2024 00:34

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-260-262



Tgt Ion:252 Resp: 2994
Ion Ratio Lower Upper
252 100
253 53.9 19.9 29.9#
125 70.8 13.0 19.4#



#40
Dibenzo(a,h)anthracene
Concen: 0.027 ng
RT: 25.761 min Scan# 3682
Delta R.T. -0.018 min
Lab File: BN031892.D
Acq: 11 Jun 2024 00:34

Tgt Ion:278 Resp: 2219
Ion Ratio Lower Upper
278 100
139 45.7 17.0 25.4#
279 64.9 21.4 32.0#

