

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061024\
 Data File : BN031885.D
 Acq On : 10 Jun 2024 19:39
 Operator : MA/JU
 Sample : P2771-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-200-202

Quant Time: Jun 11 00:11:06 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)

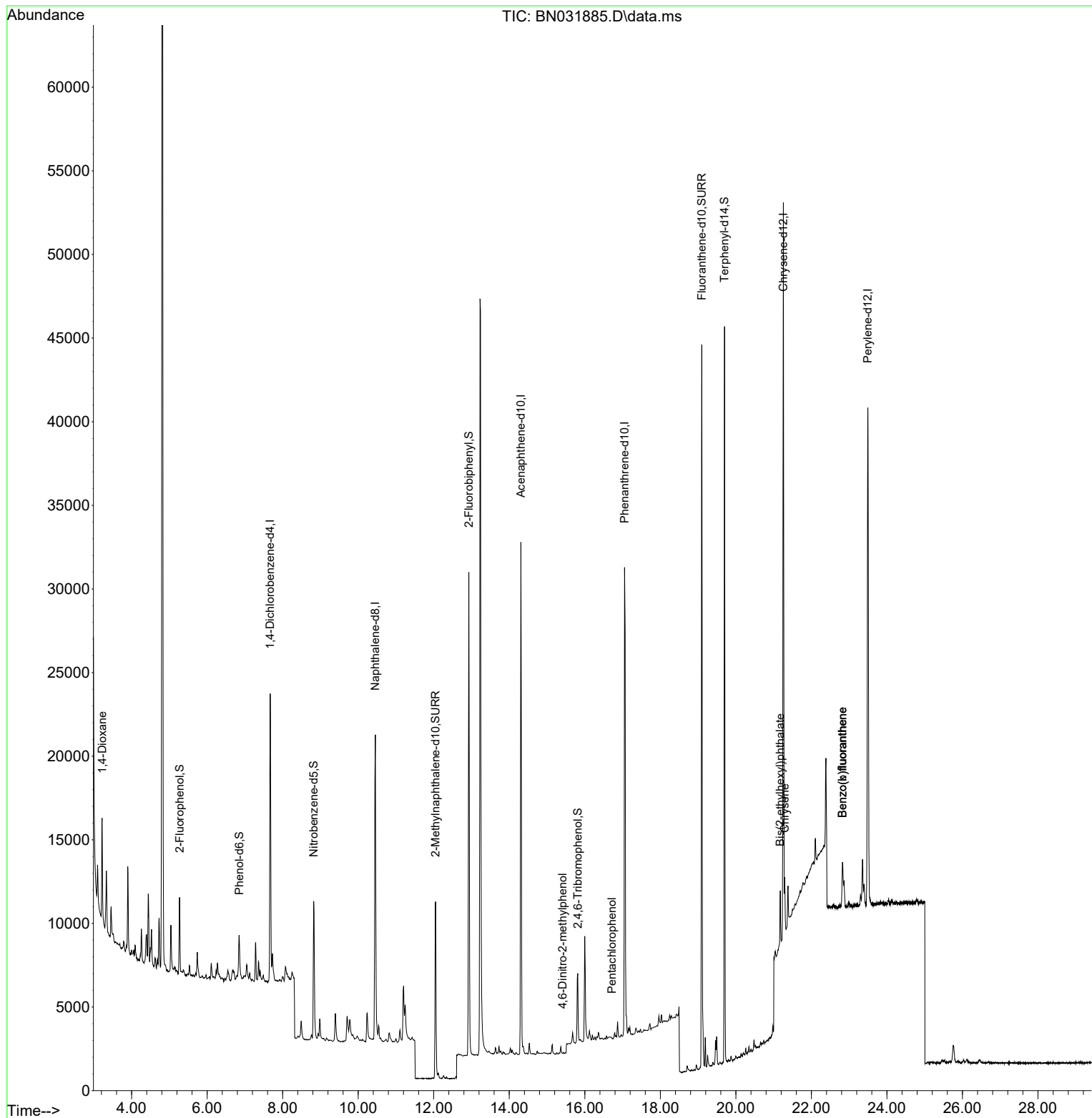
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.668	152	8750	0.400	ng	0.00
7) Naphthalene-d8	10.453	136	27901	0.400	ng	0.00
13) Acenaphthene-d10	14.306	164	18254	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	41851	0.400	ng	#-0.01
29) Chrysene-d12	21.256	240	38012	0.400	ng	# 0.00
35) Perylene-d12	23.493	264	39810	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.270	112	3885	0.156	ng	0.00
5) Phenol-d6	6.852	99	3128	0.096	ng	0.00
8) Nitrobenzene-d5	8.820	82	8249	0.356	ng	0.00
11) 2-Methylnaphthalene-d10	12.047	152	15932	0.358	ng	0.00
14) 2,4,6-Tribromophenol	15.812	330	2777	0.317	ng	0.00
15) 2-Fluorobiphenyl	12.927	172	25862	0.373	ng	0.00
27) Fluoranthene-d10	19.096	212	46710	0.410	ng	0.00
31) Terphenyl-d14	19.700	244	42289	0.455	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.219	88	4228	0.395	ng	# 82
20) 4,6-Dinitro-2-methylph...	15.407	198	12	0.176	ng	# 1
24) Pentachlorophenol	16.718	266	16	0.171	ng	# 8
33) Chrysene	21.292	228	2980	0.022	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.175	149	3902	0.040	ng	# 93
37) Benzo(b)fluoranthene	22.823	252	3973	0.027	ng	# 2
38) Benzo(k)fluoranthene	22.823	252	3973	0.029	ng	# 1

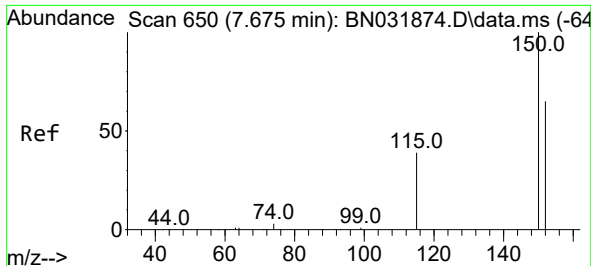
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061024\
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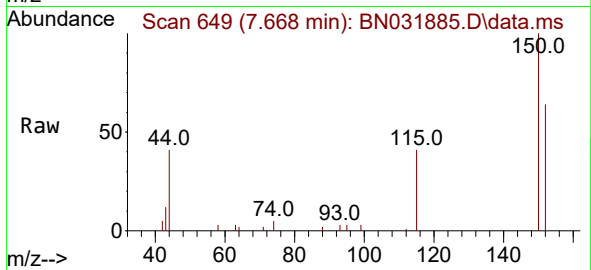
Quant Time: Jun 11 00:11:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
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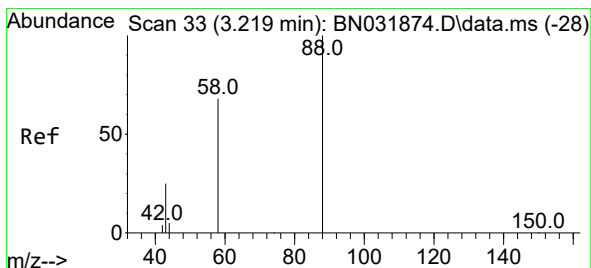
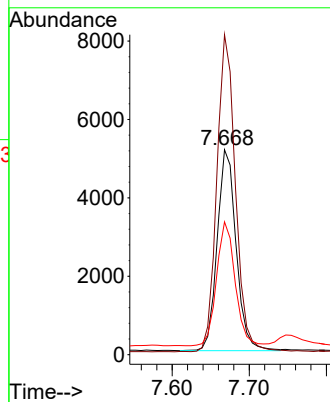
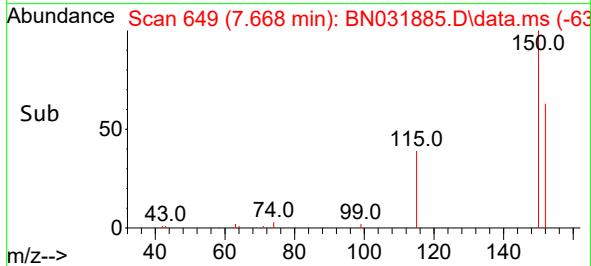


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.668 min Scan# 649
 Delta R.T. -0.007 min
 Lab File: BN031885.D
 Acq: 10 Jun 2024 19:39

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-200-202

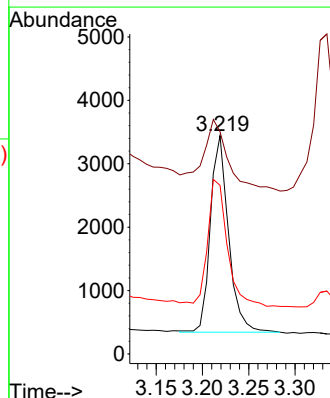
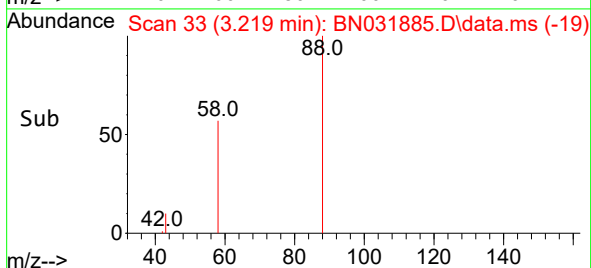
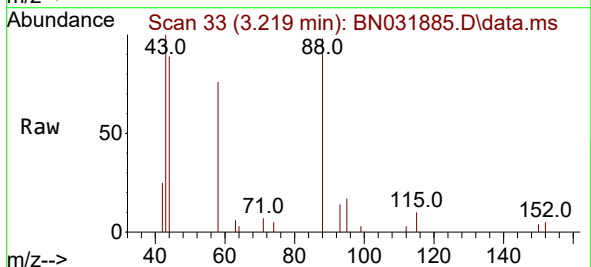


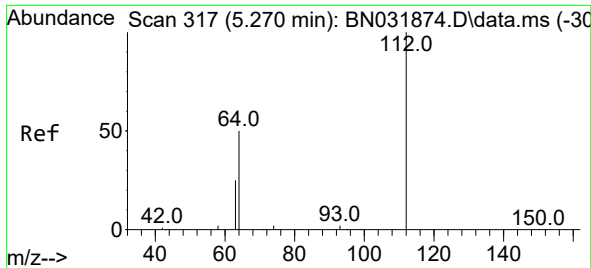
Tgt Ion:152 Resp: 8750
 Ion Ratio Lower Upper
 152 100
 150 156.2 121.0 181.4
 115 64.8 49.4 74.0



#2
 1,4-Dioxane
 Concen: 0.395 ng
 RT: 3.219 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: BN031885.D
 Acq: 10 Jun 2024 19:39

Tgt Ion: 88 Resp: 4228
 Ion Ratio Lower Upper
 88 100
 43 49.6 22.7 34.1#
 58 70.6 51.3 76.9





#4

2-Fluorophenol

Concen: 0.156 ng

RT: 5.270 min Scan# 317

Delta R.T. 0.000 min

Lab File: BN031885.D

Acq: 10 Jun 2024 19:39

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-200-202

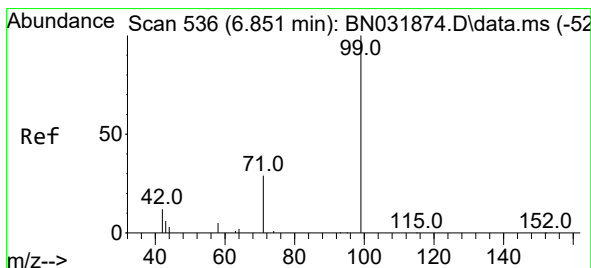
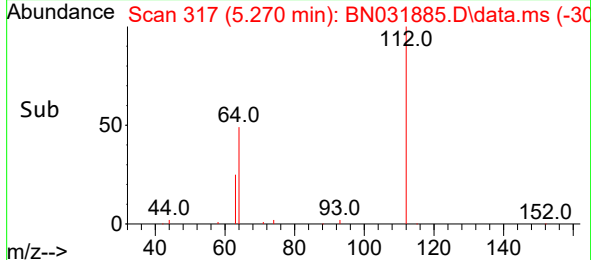
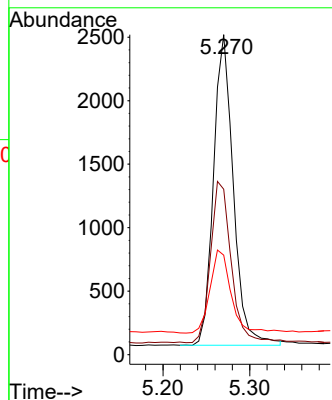
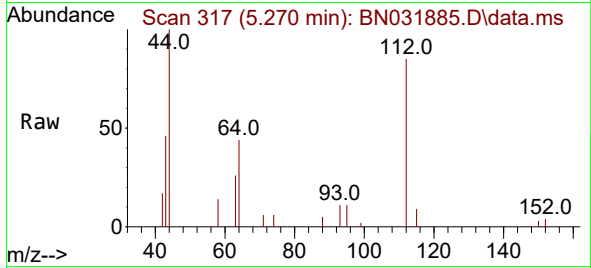
Tgt Ion:112 Resp: 3885

Ion Ratio Lower Upper

112 100

64 53.8 42.4 63.6

63 28.4 22.1 33.1



#5

Phenol-d6

Concen: 0.096 ng

RT: 6.852 min Scan# 536

Delta R.T. 0.000 min

Lab File: BN031885.D

Acq: 10 Jun 2024 19:39

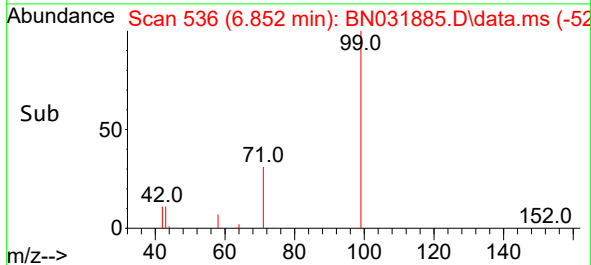
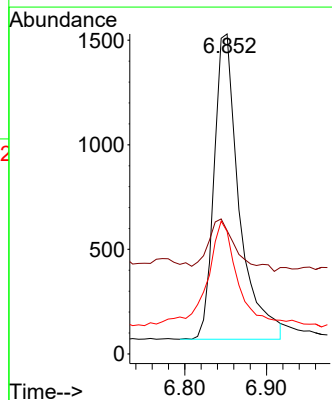
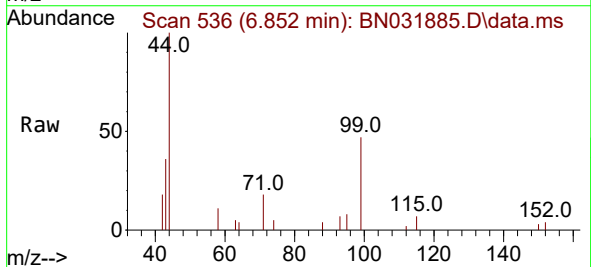
Tgt Ion: 99 Resp: 3128

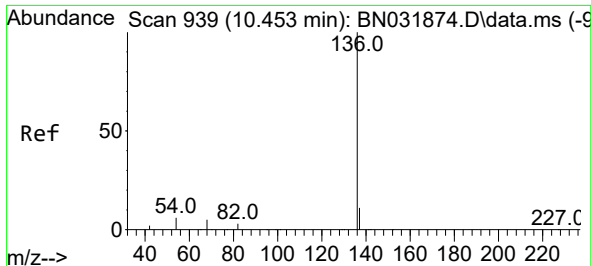
Ion Ratio Lower Upper

99 100

42 18.7 12.8 19.2

71 38.6 25.4 38.2#

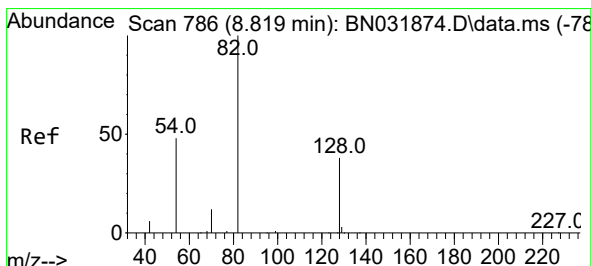
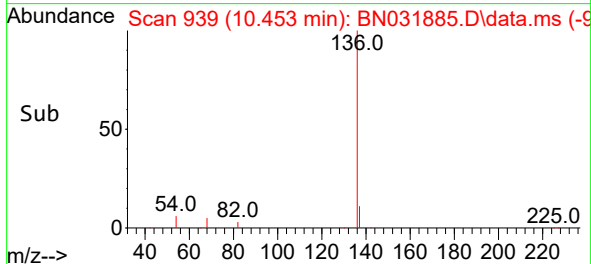
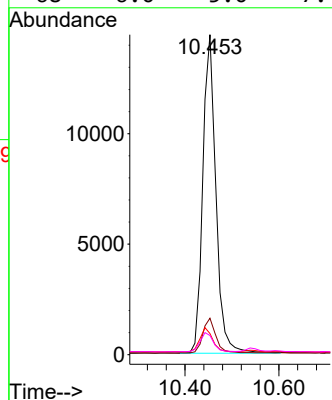
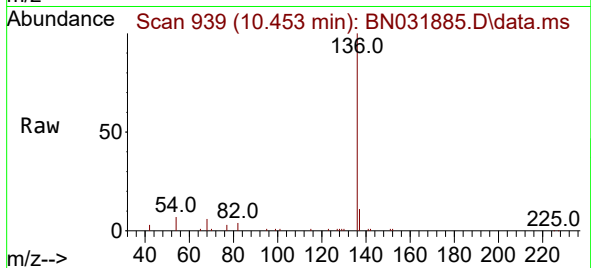




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.453 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN031885.D
Acq: 10 Jun 2024 19:39

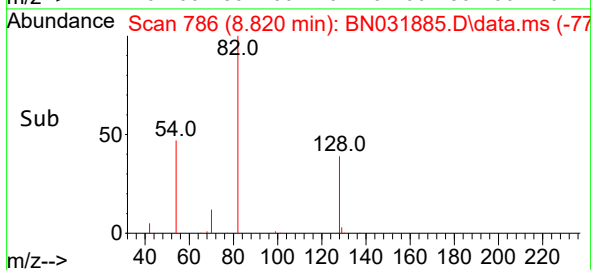
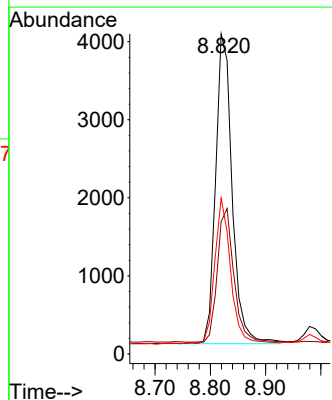
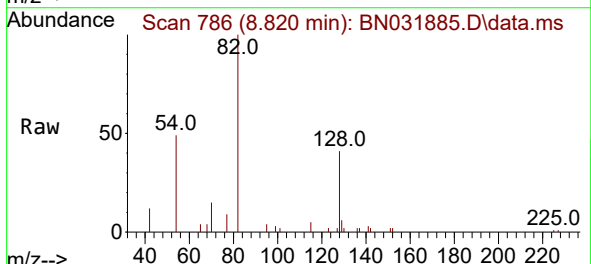
Instrument :
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ClientSampleId :
BP-VPB-196-GW-200-202

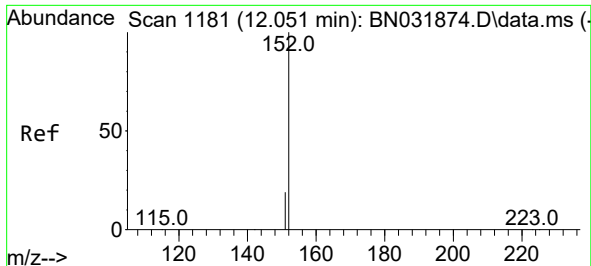
Tgt Ion:	136	Resp:	27901
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	6.6	5.6	8.4
68	6.0	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 8.820 min Scan# 786
Delta R.T. 0.000 min
Lab File: BN031885.D
Acq: 10 Jun 2024 19:39

Tgt Ion:	82	Resp:	8249
Ion Ratio	Lower	Upper	
82	100		
128	41.4	32.1	48.1
54	48.6	39.7	59.5





#11

2-Methylnaphthalene-d10

Concen: 0.358 ng

RT: 12.047 min Scan# 1181

Delta R.T. -0.004 min

Lab File: BN031885.D

Acq: 10 Jun 2024 19:39

Instrument :

BNA_N

ClientSampleId :

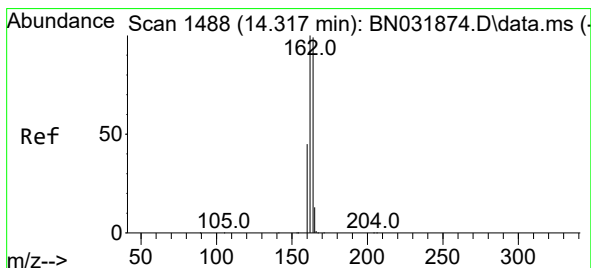
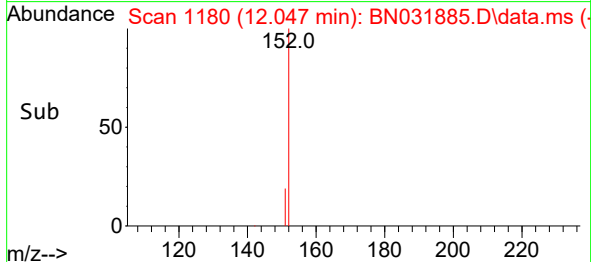
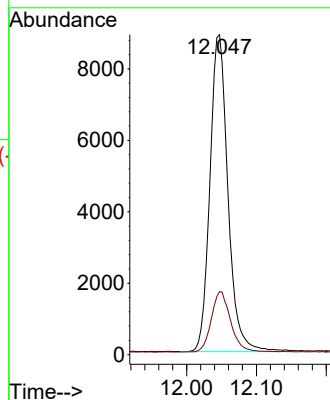
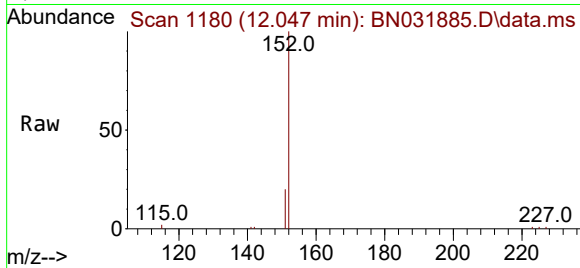
BP-VPB-196-GW-200-202

Tgt Ion:152 Resp: 15932

Ion Ratio Lower Upper

152 100

151 20.5 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: BN031885.D

Acq: 10 Jun 2024 19:39

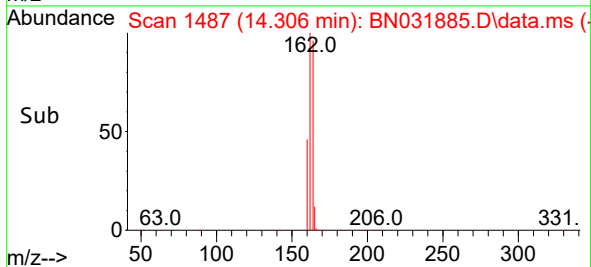
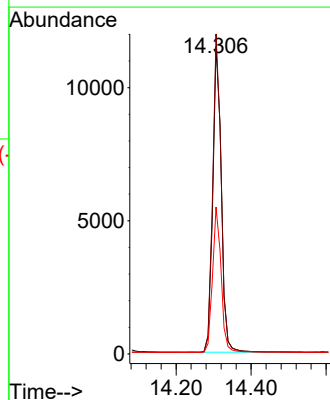
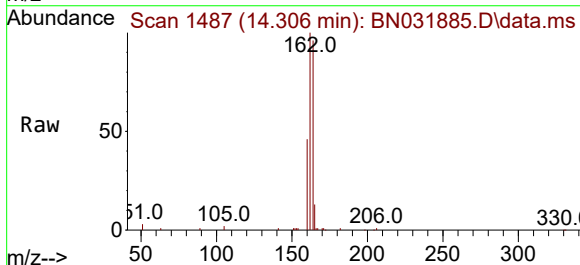
Tgt Ion:164 Resp: 18254

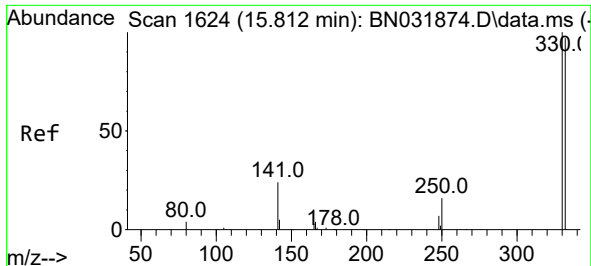
Ion Ratio Lower Upper

164 100

162 104.1 80.7 121.1

160 47.8 36.2 54.4

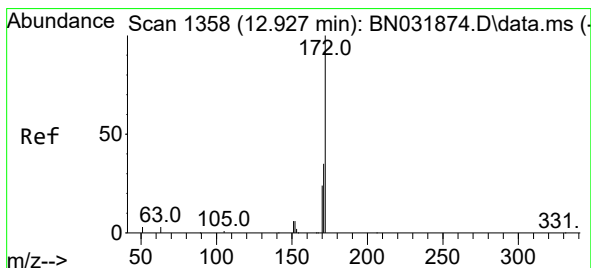
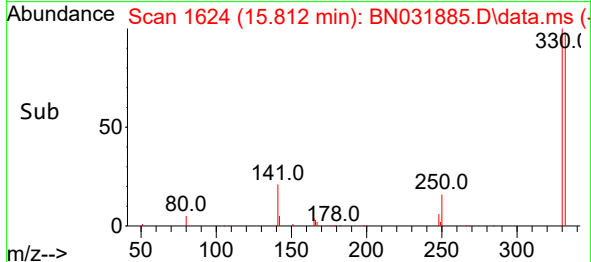
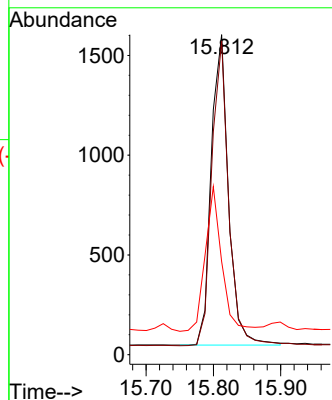
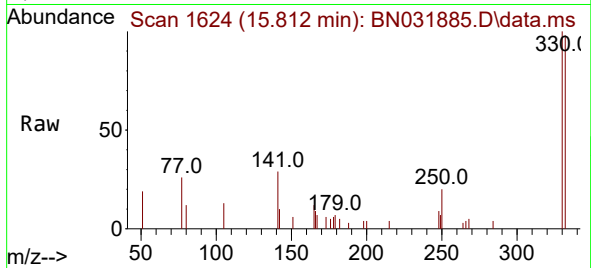




#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 15.812 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031885.D
Acq: 10 Jun 2024 19:39

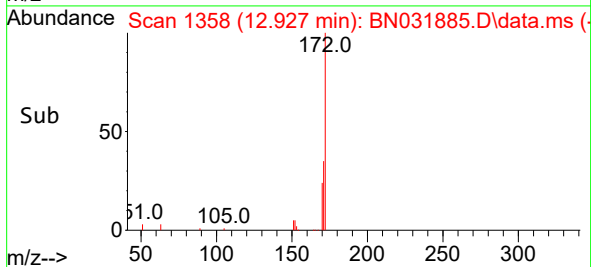
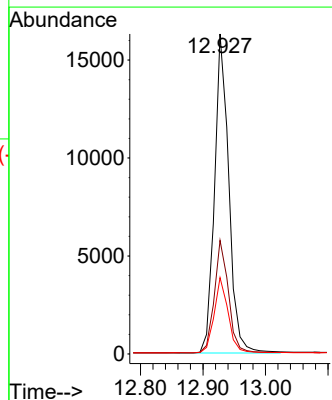
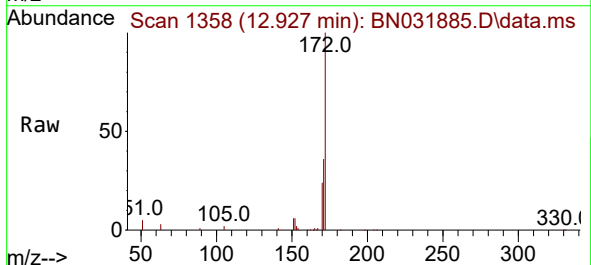
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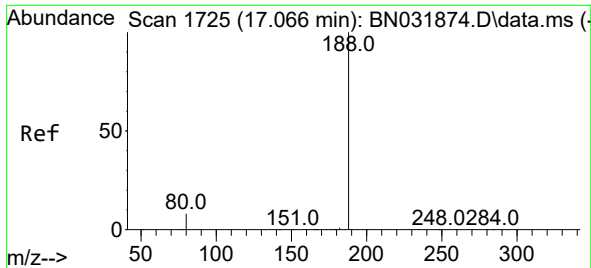
Tgt Ion:	330	Resp:	2777
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.5	116.3
141	44.6	34.7	52.1



#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 12.927 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BN031885.D
Acq: 10 Jun 2024 19:39

Tgt Ion:	172	Resp:	25862
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.8	19.2	28.8

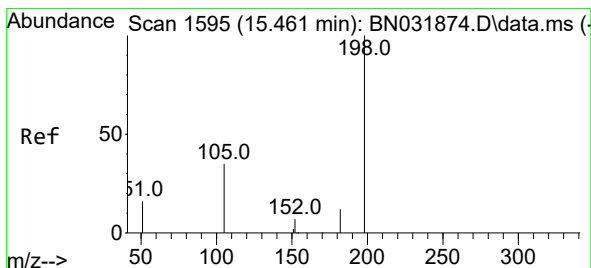
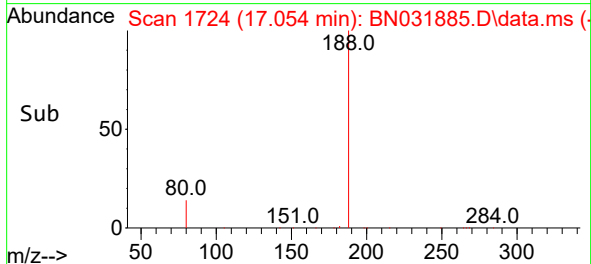
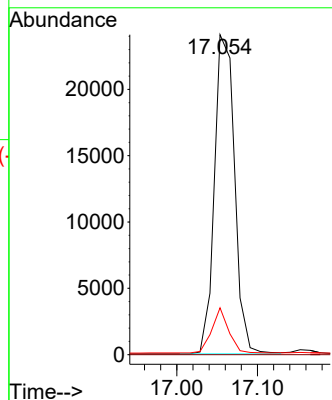
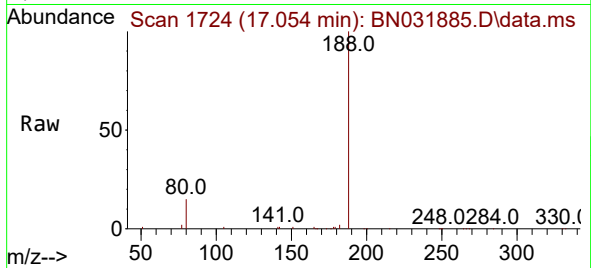




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN031885.D
Acq: 10 Jun 2024 19:39

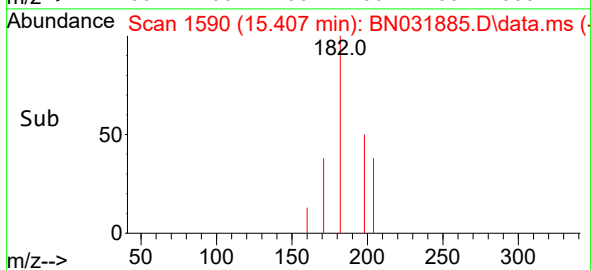
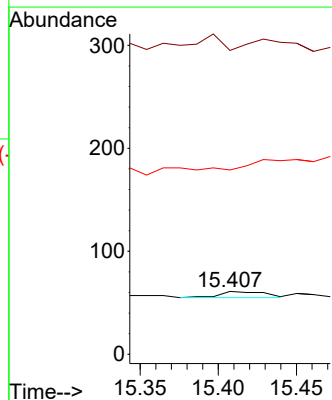
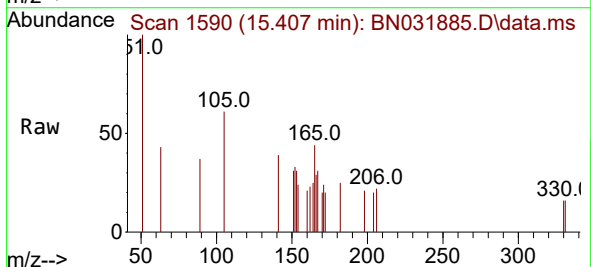
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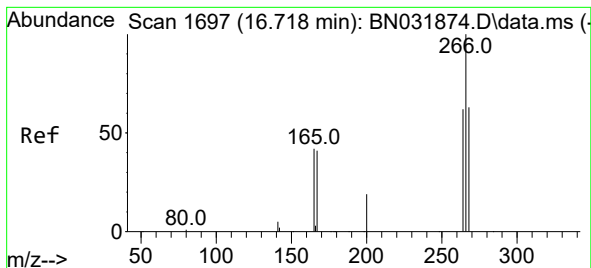
Tgt Ion:188 Resp: 41851
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.6 6.4 9.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.176 ng
RT: 15.407 min Scan# 1590
Delta R.T. -0.054 min
Lab File: BN031885.D
Acq: 10 Jun 2024 19:39

Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 483.6 42.7 64.1#
105 293.4 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.171 ng

RT: 16.718 min Scan# 1697

Delta R.T. 0.000 min

Lab File: BN031885.D

Acq: 10 Jun 2024 19:39

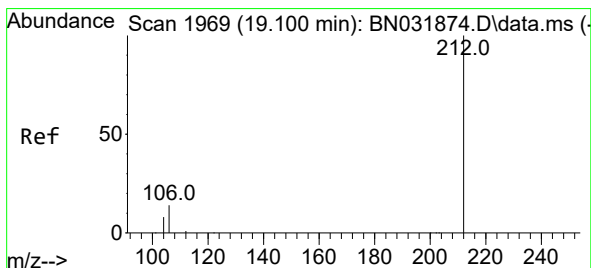
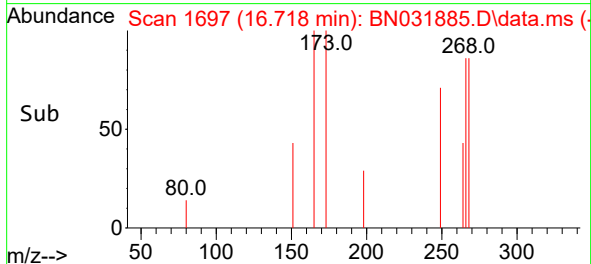
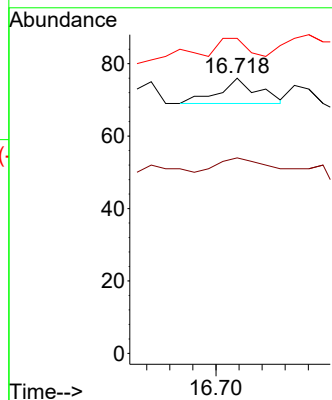
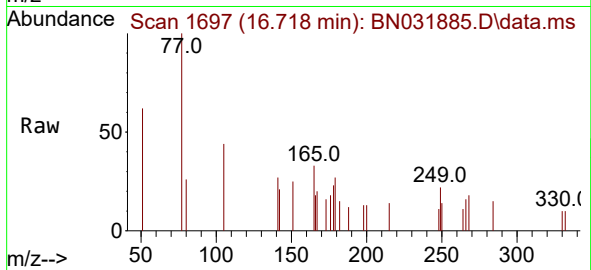
Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-200-202

Tgt Ion:	266	Resp:	16
Ion	Ratio	Lower	Upper
266	100		
264	125.0	50.0	75.0#
268	143.8	51.0	76.6#



#27

Fluoranthene-d10

Concen: 0.410 ng

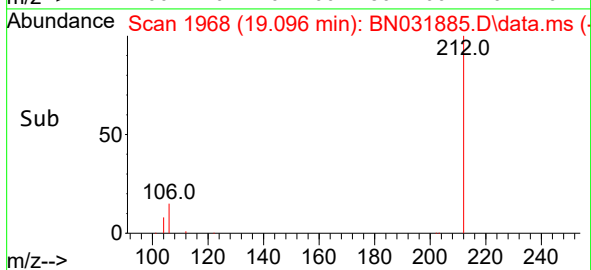
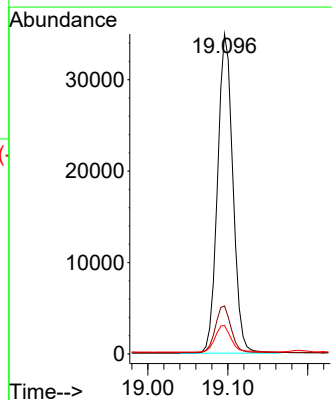
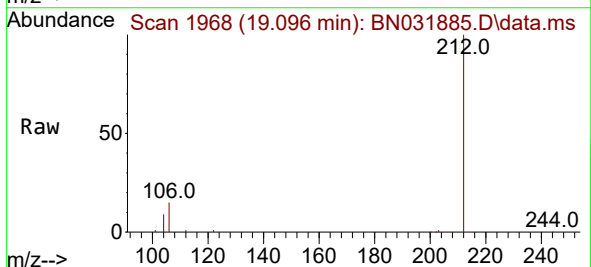
RT: 19.096 min Scan# 1968

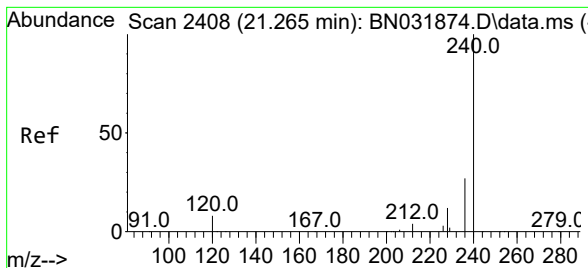
Delta R.T. -0.004 min

Lab File: BN031885.D

Acq: 10 Jun 2024 19:39

Tgt Ion:	212	Resp:	46710
Ion	Ratio	Lower	Upper
212	100		
106	14.9	11.8	17.8
104	8.7	6.6	10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.256 min Scan# 2408

Delta R.T. -0.009 min

Lab File: BN031885.D

Acq: 10 Jun 2024 19:39

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-200-202

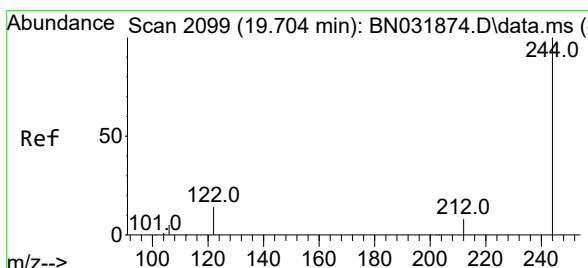
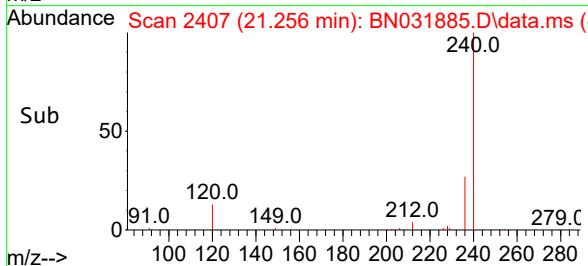
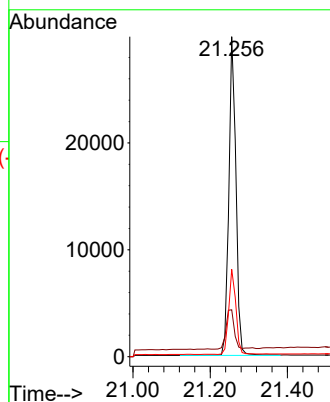
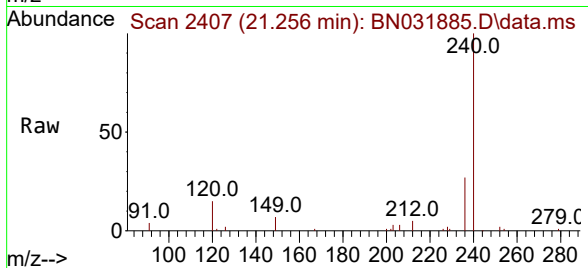
Tgt Ion:240 Resp: 38012

Ion Ratio Lower Upper

240 100

120 14.7 8.2 12.4#

236 27.3 21.8 32.8



#31

Terphenyl-d14

Concen: 0.455 ng

RT: 19.700 min Scan# 2098

Delta R.T. -0.004 min

Lab File: BN031885.D

Acq: 10 Jun 2024 19:39

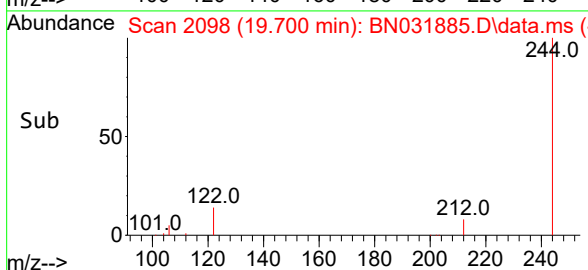
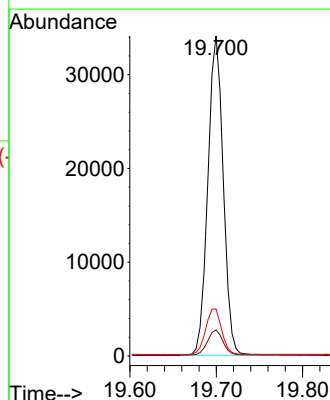
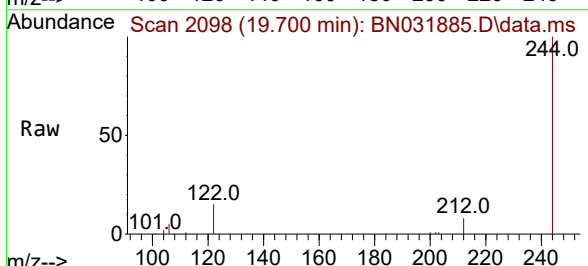
Tgt Ion:244 Resp: 42289

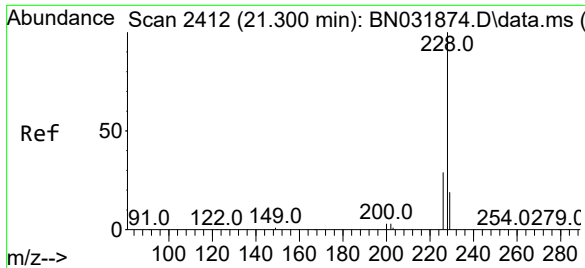
Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 14.7 11.4 17.0





#33

Chrysene

Concen: 0.022 ng

RT: 21.292 min Scan# 2412

Delta R.T. -0.009 min

Lab File: BN031885.D

Acq: 10 Jun 2024 19:39

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-200-202

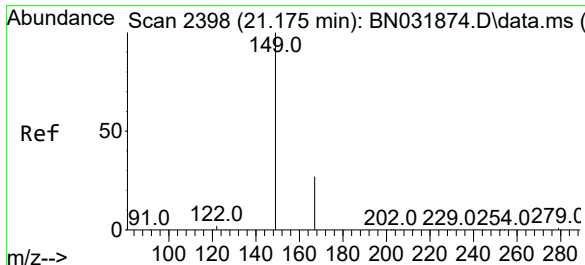
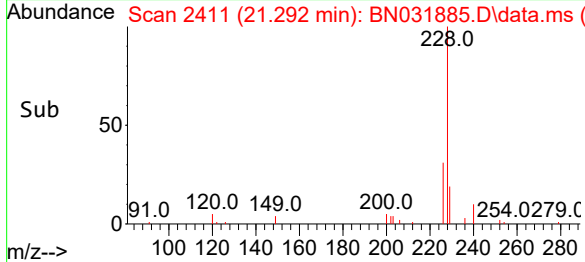
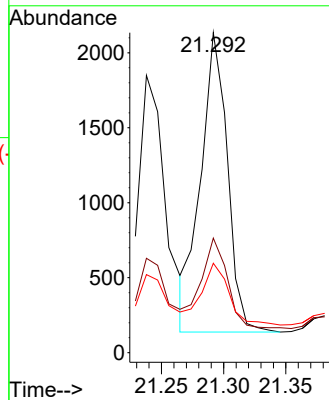
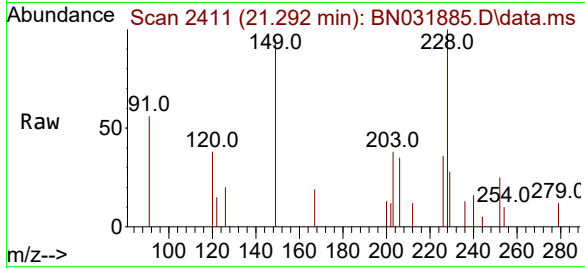
Tgt Ion:228 Resp: 2980

Ion Ratio Lower Upper

228 100

226 35.8 23.6 35.4#

229 27.9 15.8 23.6#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.040 ng

RT: 21.175 min Scan# 2398

Delta R.T. 0.000 min

Lab File: BN031885.D

Acq: 10 Jun 2024 19:39

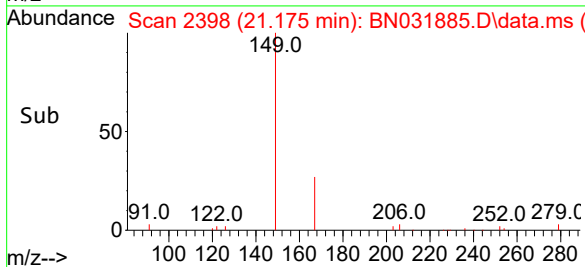
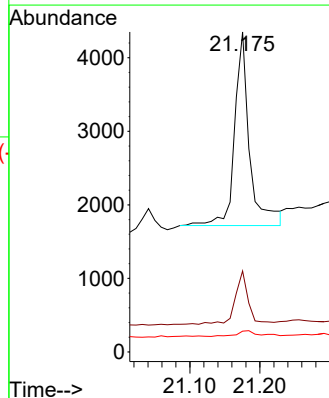
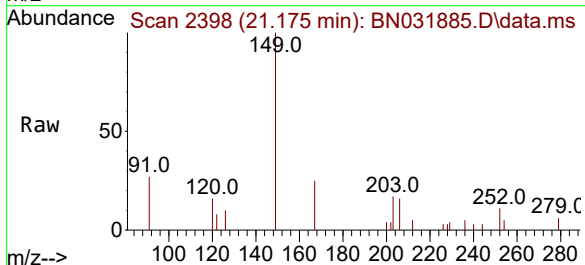
Tgt Ion:149 Resp: 3902

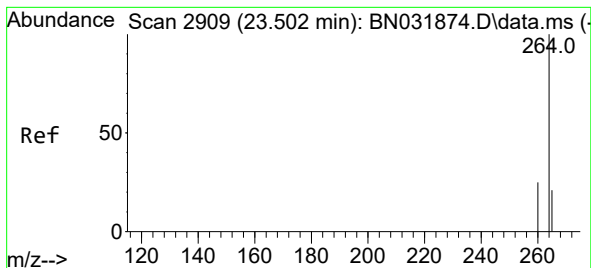
Ion Ratio Lower Upper

149 100

167 23.9 22.5 33.7

279 4.5 2.9 4.3#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.493 min Scan# 2906

Delta R.T. -0.009 min

Lab File: BN031885.D

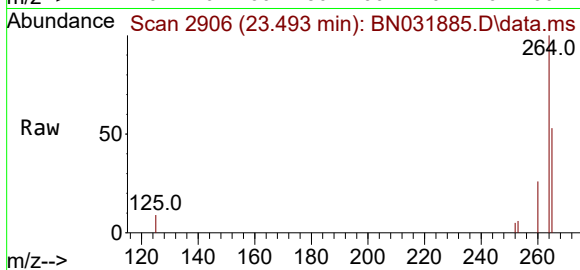
Acq: 10 Jun 2024 19:39

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-200-202



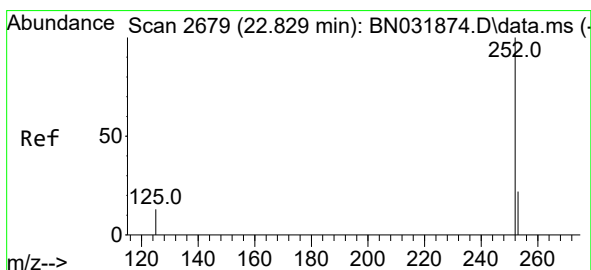
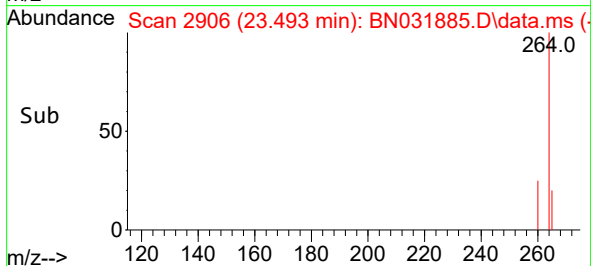
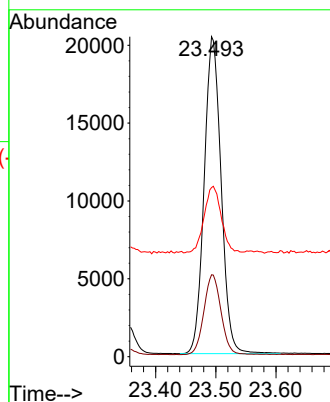
Tgt Ion:264 Resp: 39810

Ion Ratio Lower Upper

264 100

260 25.6 20.5 30.7

265 52.8 39.6 59.4



#37

Benzo(b)fluoranthene

Concen: 0.027 ng

RT: 22.823 min Scan# 2677

Delta R.T. -0.006 min

Lab File: BN031885.D

Acq: 10 Jun 2024 19:39

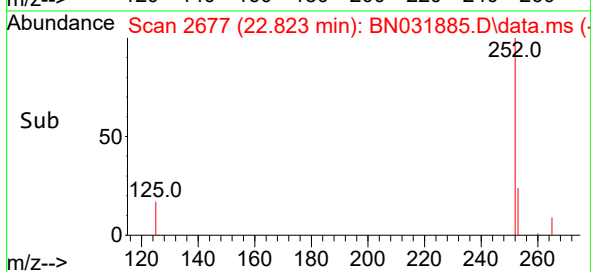
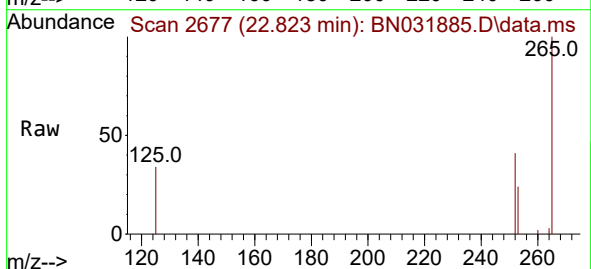
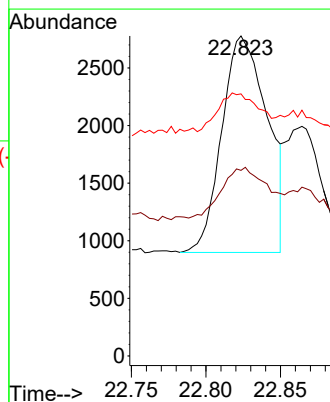
Tgt Ion:252 Resp: 3973

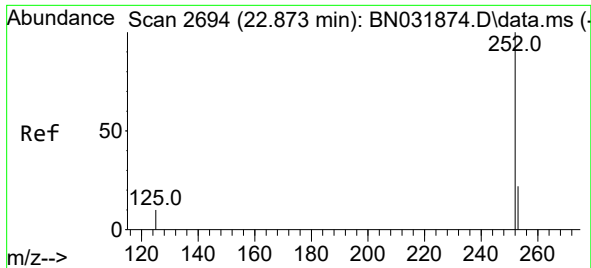
Ion Ratio Lower Upper

252 100

253 58.0 20.2 30.2#

125 81.9 14.2 21.4#





#38

Benzo(k)fluoranthene

Concen: 0.029 ng

RT: 22.823 min Scan# 20

Delta R.T. -0.049 min

Lab File: BN031885.D

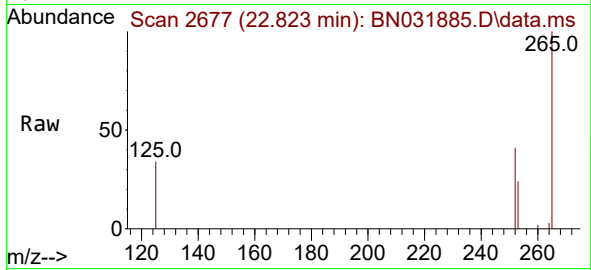
Acq: 10 Jun 2024 19:39

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-200-202



Tgt Ion:252 Resp: 3973

Ion Ratio Lower Upper

252 100

253 58.0 19.9 29.9#

125 81.9 13.0 19.4#

