

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061024\
 Data File : BN031883.D
 Acq On : 10 Jun 2024 18:26
 Operator : MA/JU
 Sample : P2771-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-160-162

Quant Time: Jun 10 19:18:36 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)

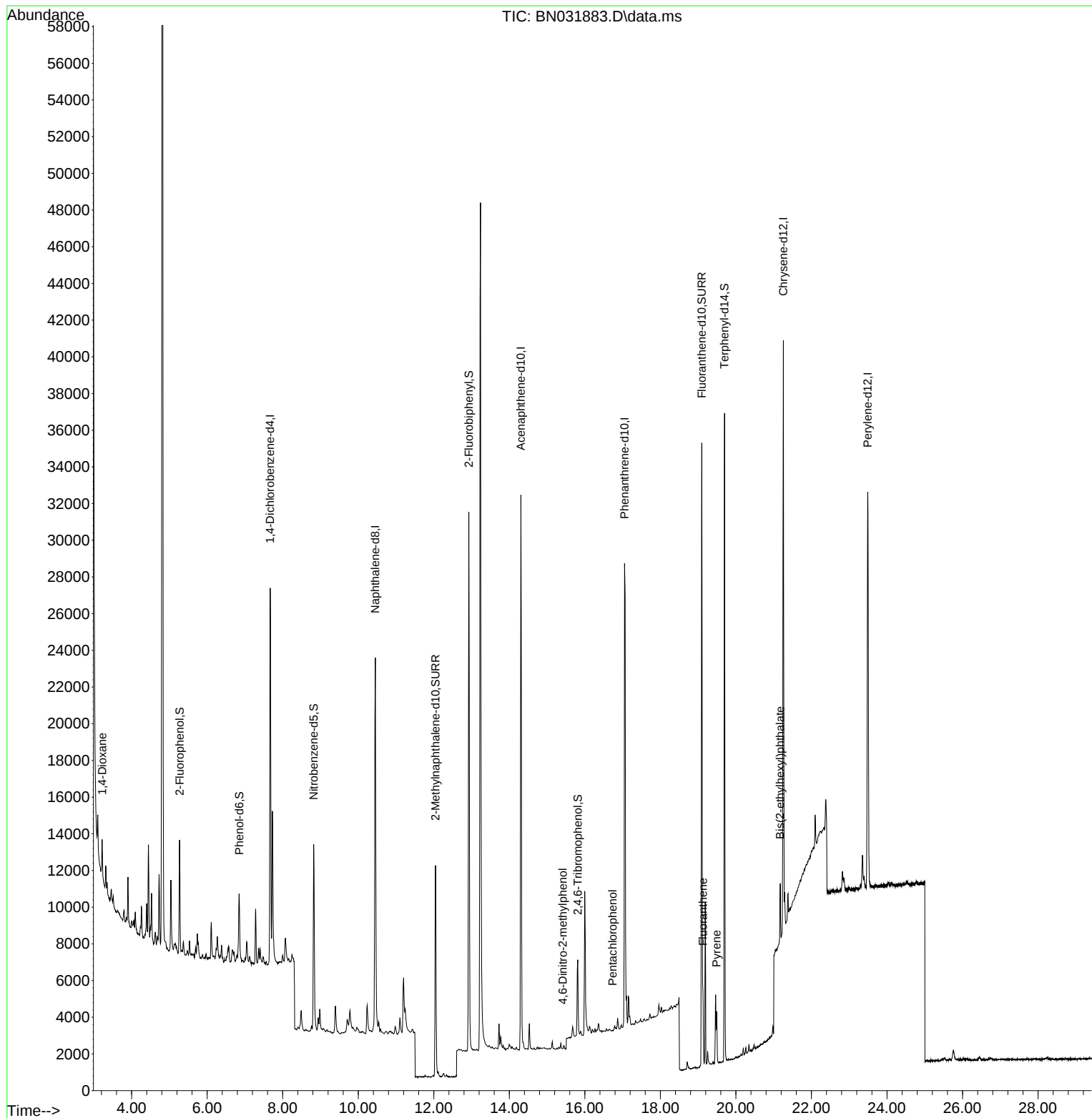
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.668	152	9976	0.400	ng	0.00
7) Naphthalene-d8	10.453	136	30834	0.400	ng	0.00
13) Acenaphthene-d10	14.306	164	18519	0.400	ng	-0.01
19) Phenanthrene-d10	17.053	188	38934	0.400	ng	#-0.01
29) Chrysene-d12	21.256	240	28642	0.400	ng	# 0.00
35) Perylene-d12	23.490	264	29044	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.270	112	5064	0.179	ng	0.00
5) Phenol-d6	6.852	99	4131	0.111	ng	0.00
8) Nitrobenzene-d5	8.820	82	9456	0.369	ng	0.00
11) 2-Methylnaphthalene-d10	12.047	152	17483	0.356	ng	0.00
14) 2,4,6-Tribromophenol	15.812	330	2711	0.305	ng	0.00
15) 2-Fluorobiphenyl	12.927	172	27807	0.396	ng	0.00
27) Fluoranthene-d10	19.096	212	37926	0.358	ng	0.00
31) Terphenyl-d14	19.700	244	34104	0.487	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.219	88	1271	0.104	ng	# 38
20) 4,6-Dinitro-2-methylph...	15.418	198	16	0.176	ng	# 1
24) Pentachlorophenol	16.731	266	28	0.172	ng	# 19
28) Fluoranthene	19.128	202	3319	0.025	ng	# 92
30) Pyrene	19.491	202	2584	0.023	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.175	149	3704	0.050	ng	# 90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061024\
Data File : BN031883.D
Acq On : 10 Jun 2024 18:26
Operator : MA/JU
Sample : P2771-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-160-162

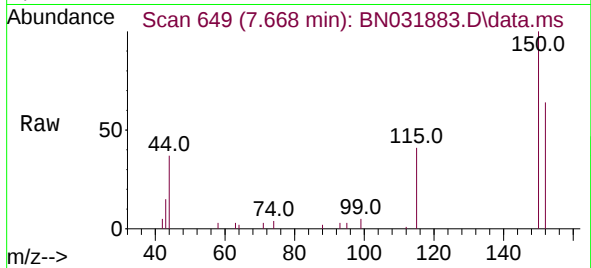
Quant Time: Jun 10 19:18:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 15:47:32 2024
Response via : Initial Calibration



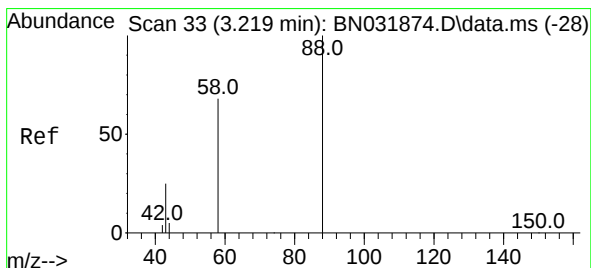
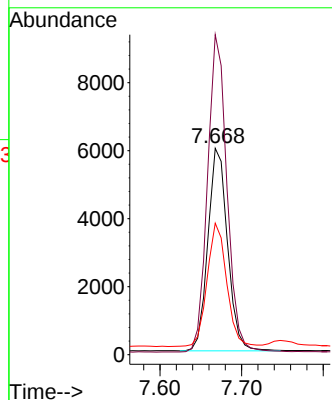
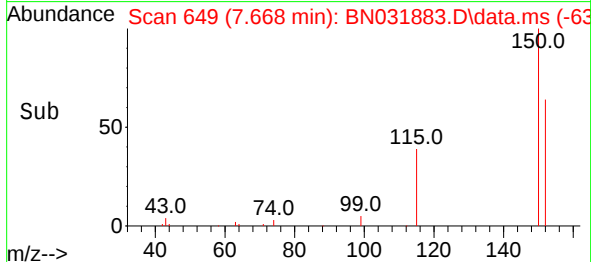


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.668 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN031883.D
Acq: 10 Jun 2024 18:26

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-160-162

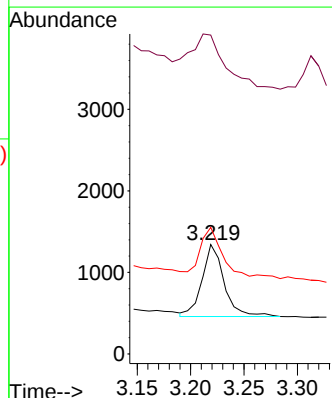
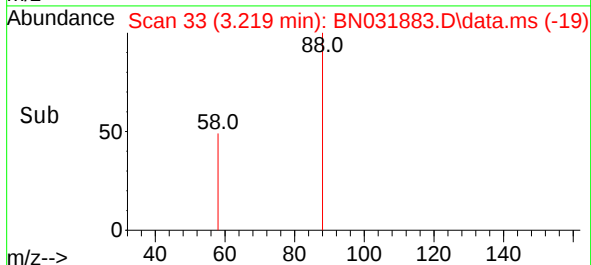
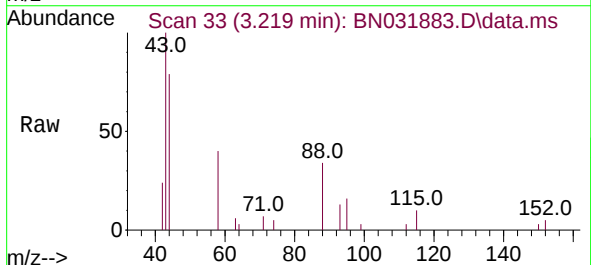


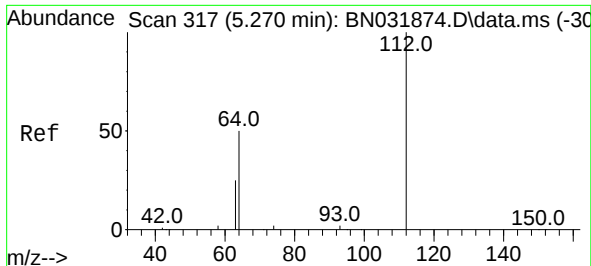
Tgt Ion:152 Resp: 9976
Ion Ratio Lower Upper
152 100
150 155.1 121.0 181.4
115 63.7 49.4 74.0



#2
1,4-Dioxane
Concen: 0.104 ng
RT: 3.219 min Scan# 33
Delta R.T. 0.000 min
Lab File: BN031883.D
Acq: 10 Jun 2024 18:26

Tgt Ion: 88 Resp: 1271
Ion Ratio Lower Upper
88 100
43 119.1 22.7 34.1#
58 74.4 51.3 76.9





#4

2-Fluorophenol

Concen: 0.179 ng

RT: 5.270 min Scan# 317

Delta R.T. 0.000 min

Lab File: BN031883.D

Acq: 10 Jun 2024 18:26

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-160-162

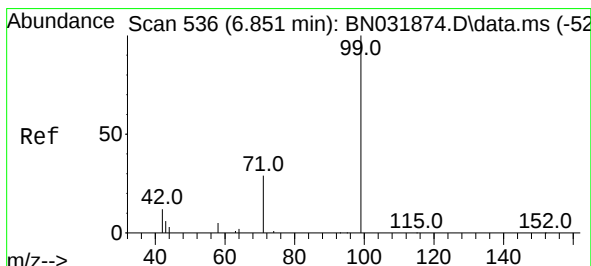
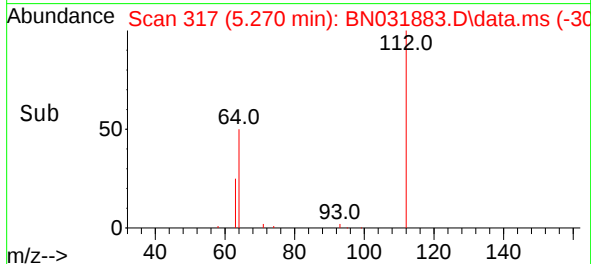
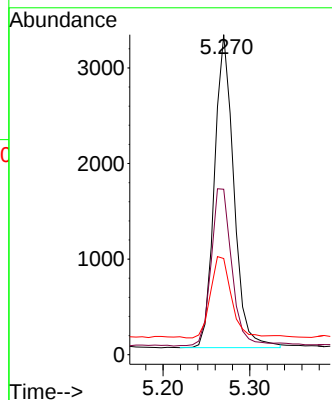
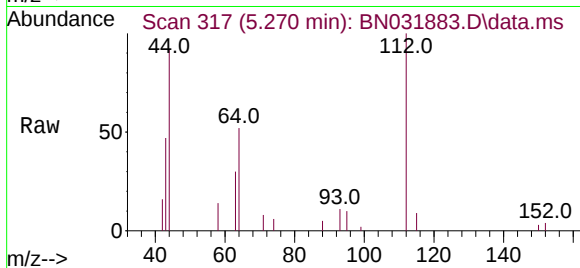
Tgt Ion:112 Resp: 5064

Ion Ratio Lower Upper

112 100

64 54.0 42.4 63.6

63 28.1 22.1 33.1



#5

Phenol-d6

Concen: 0.111 ng

RT: 6.852 min Scan# 536

Delta R.T. 0.000 min

Lab File: BN031883.D

Acq: 10 Jun 2024 18:26

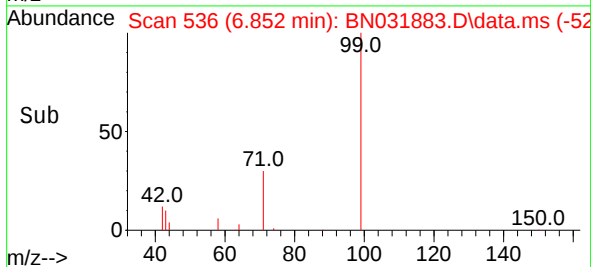
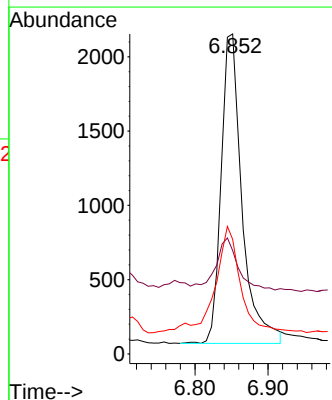
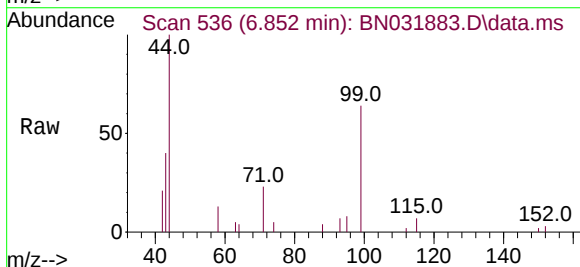
Tgt Ion: 99 Resp: 4131

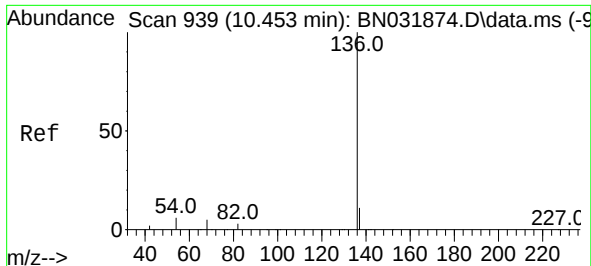
Ion Ratio Lower Upper

99 100

42 17.1 12.8 19.2

71 36.1 25.4 38.2

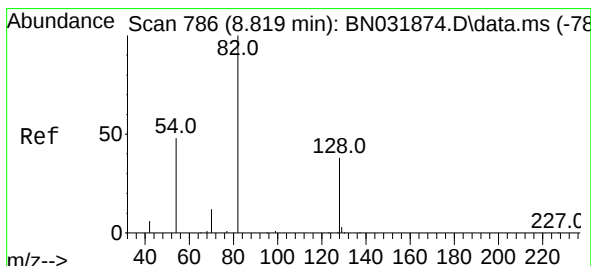
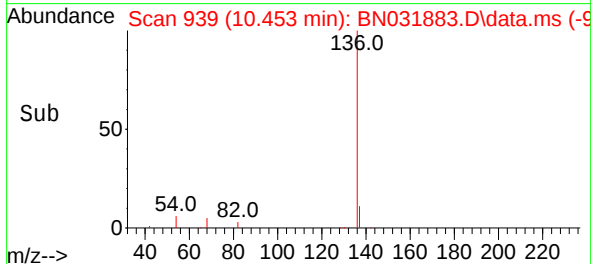
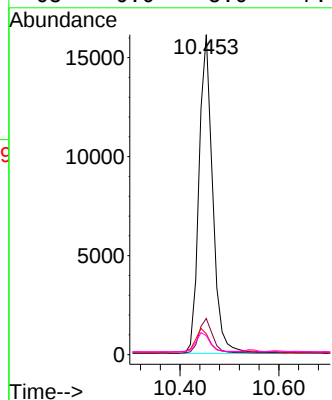
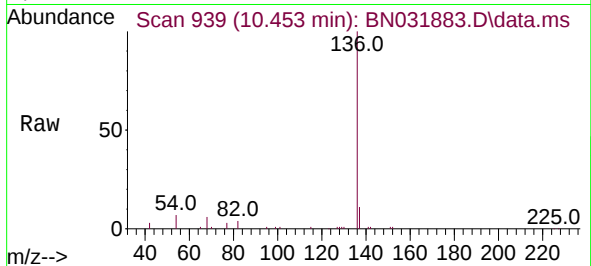




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.453 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN031883.D
Acq: 10 Jun 2024 18:26

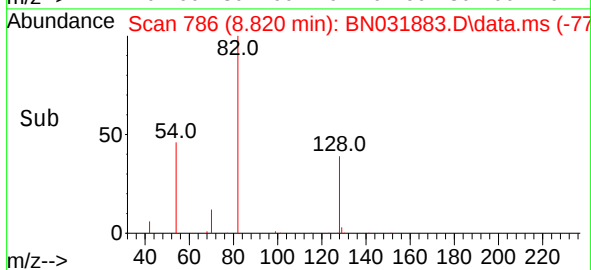
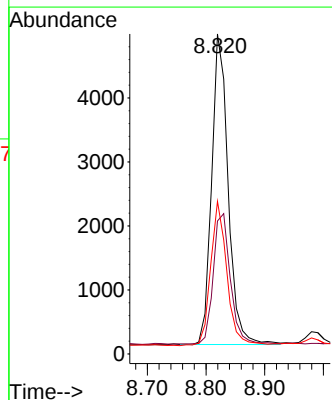
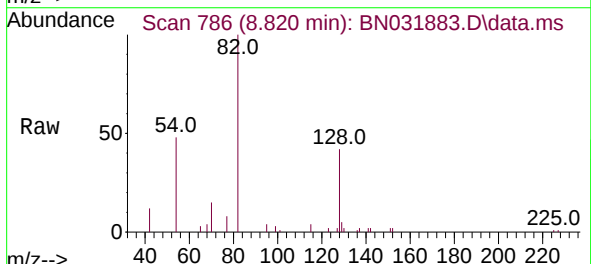
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-160-162

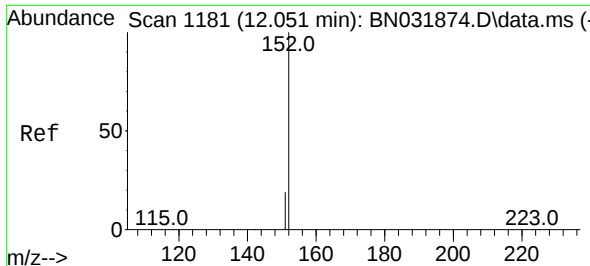
Tgt Ion:136	Resp:	30834
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	6.5	5.6 8.4
68	6.0	5.0 7.4



#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 8.820 min Scan# 786
Delta R.T. 0.000 min
Lab File: BN031883.D
Acq: 10 Jun 2024 18:26

Tgt Ion: 82	Resp:	9456
Ion Ratio	Lower	Upper
82	100	
128	41.5	32.1 48.1
54	47.7	39.7 59.5





#11

2-Methylnaphthalene-d10

Concen: 0.356 ng

RT: 12.047 min Scan# 1181

Delta R.T. -0.004 min

Lab File: BN031883.D

Acq: 10 Jun 2024 18:26

Instrument :

BNA_N

ClientSampleId :

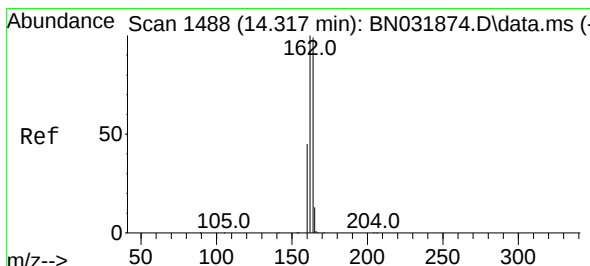
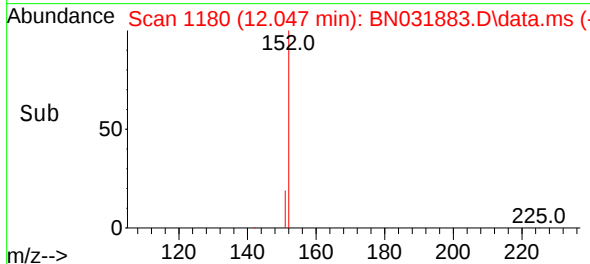
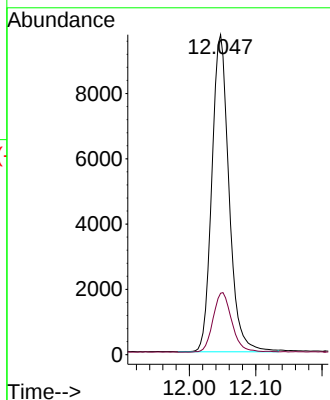
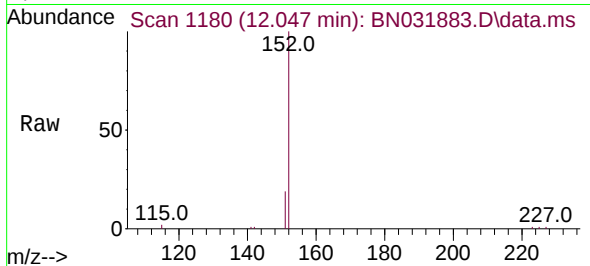
BP-VPB-196-GW-160-162

Tgt Ion:152 Resp: 17483

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: BN031883.D

Acq: 10 Jun 2024 18:26

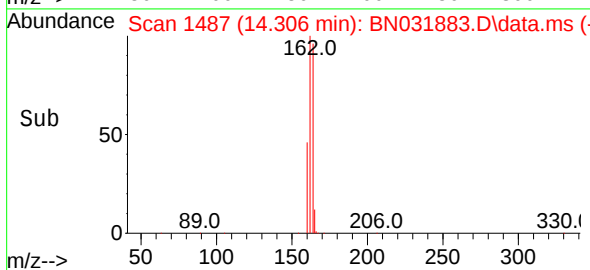
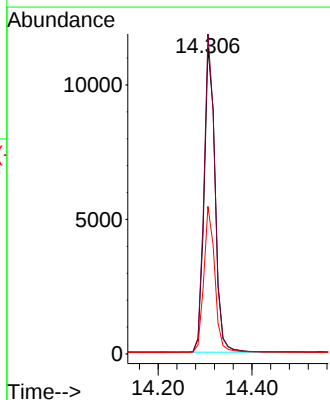
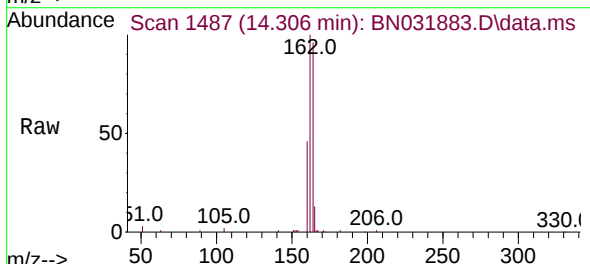
Tgt Ion:164 Resp: 18519

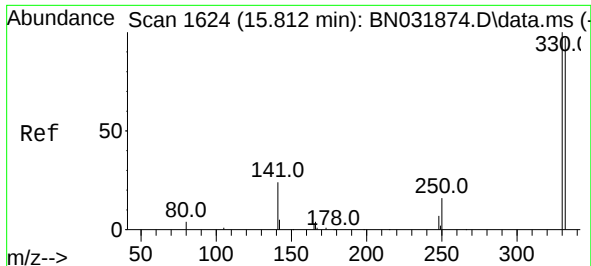
Ion Ratio Lower Upper

164 100

162 104.5 80.7 121.1

160 48.1 36.2 54.4

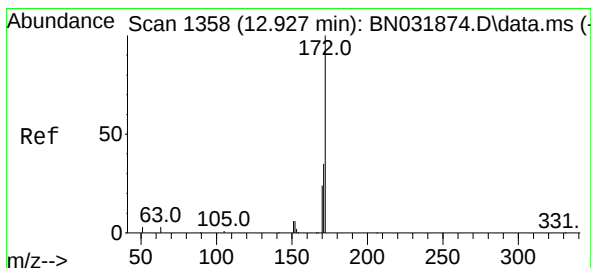
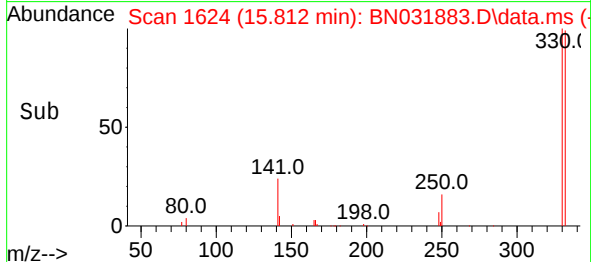
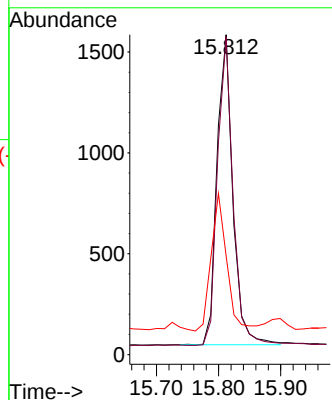
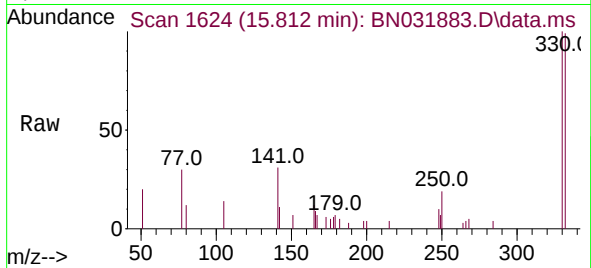




#14
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 15.812 min Scan# 1624
Delta R.T. 0.000 min
Lab File: BN031883.D
Acq: 10 Jun 2024 18:26

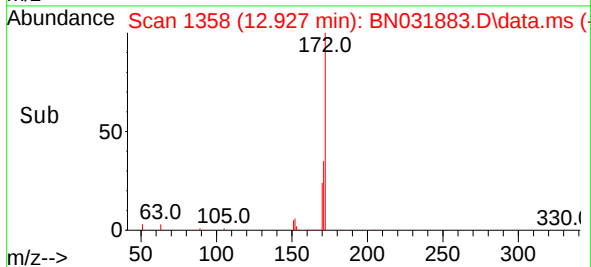
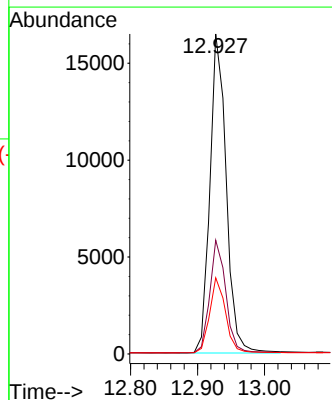
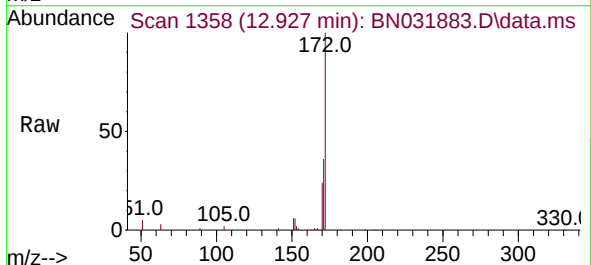
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-160-162

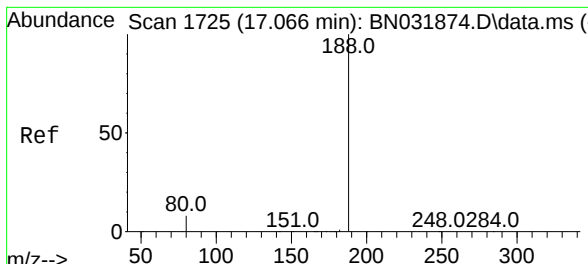
Tgt Ion:330 Resp: 2711
Ion Ratio Lower Upper
330 100
332 97.9 77.5 116.3
141 43.5 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 12.927 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BN031883.D
Acq: 10 Jun 2024 18:26

Tgt Ion:172 Resp: 27807
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.8 19.2 28.8

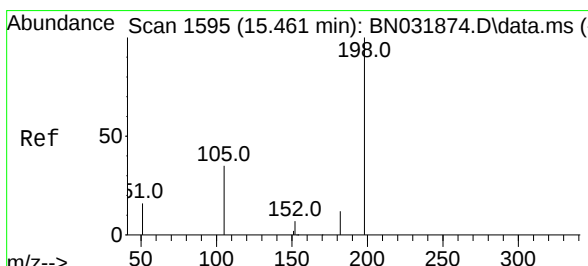
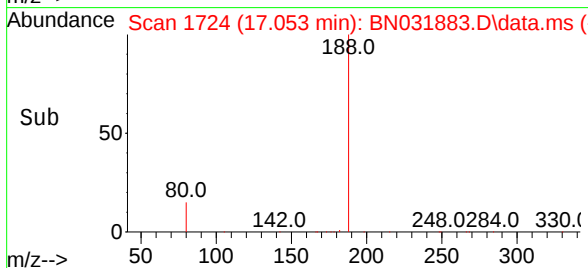
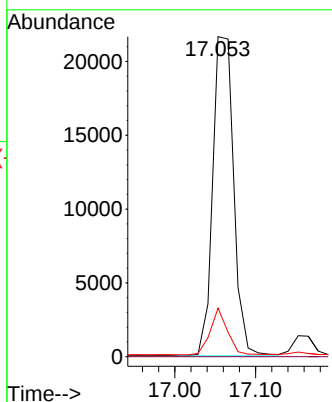
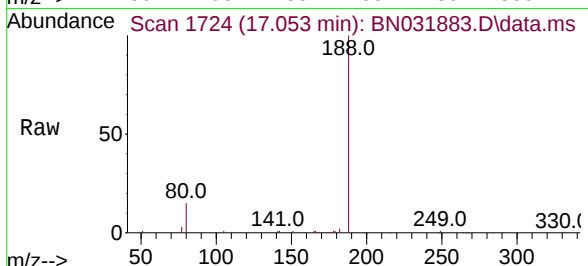




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.053 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN031883.D
 Acq: 10 Jun 2024 18:26

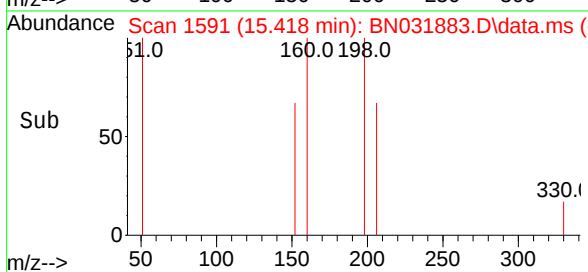
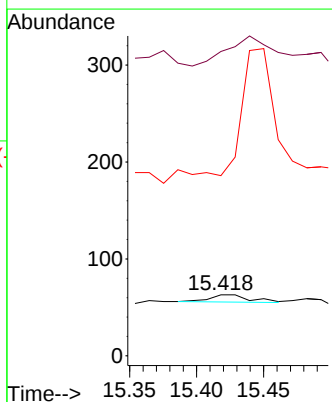
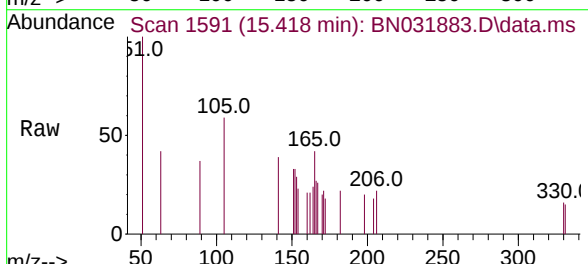
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-160-162

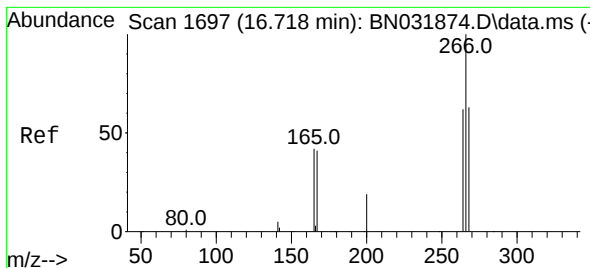
Tgt Ion:	188	Resp:	38934
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	15.1	6.4	9.6#



#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.176 ng
 RT: 15.418 min Scan# 1591
 Delta R.T. -0.043 min
 Lab File: BN031883.D
 Acq: 10 Jun 2024 18:26

Tgt Ion:	198	Resp:	16
Ion Ratio	Lower	Upper	
198	100		
51	498.4	42.7	64.1#
105	295.2	41.8	62.8#





#24

Pentachlorophenol

Concen: 0.172 ng

RT: 16.731 min Scan# 1698

Delta R.T. 0.013 min

Lab File: BN031883.D

Acq: 10 Jun 2024 18:26

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-160-162

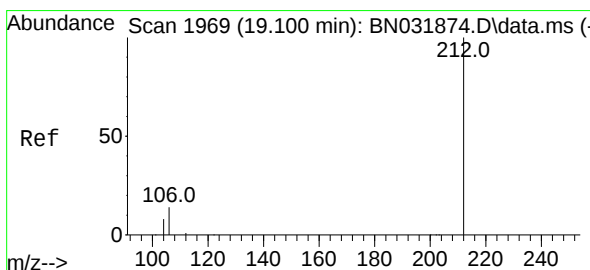
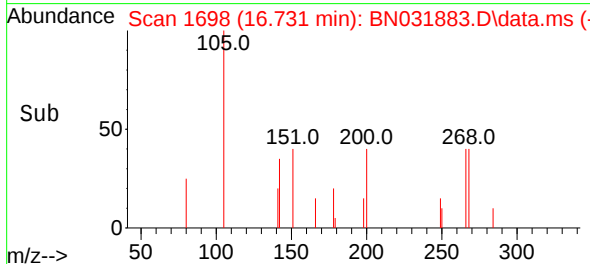
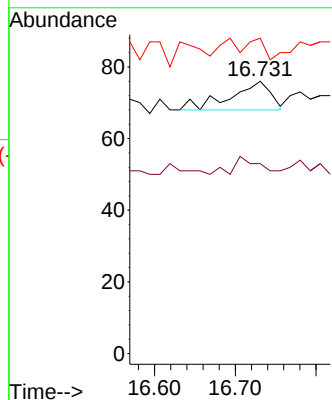
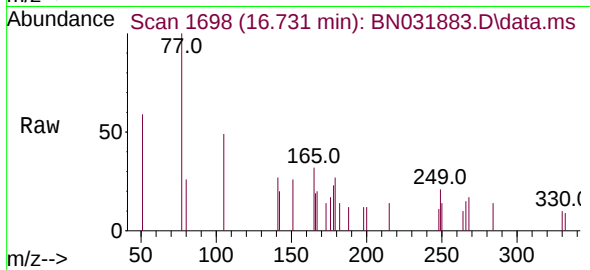
Tgt Ion:266 Resp: 28

Ion Ratio Lower Upper

266 100

264 0.0 50.0 75.0#

268 0.0 51.0 76.6#



#27

Fluoranthene-d10

Concen: 0.358 ng

RT: 19.096 min Scan# 1968

Delta R.T. -0.005 min

Lab File: BN031883.D

Acq: 10 Jun 2024 18:26

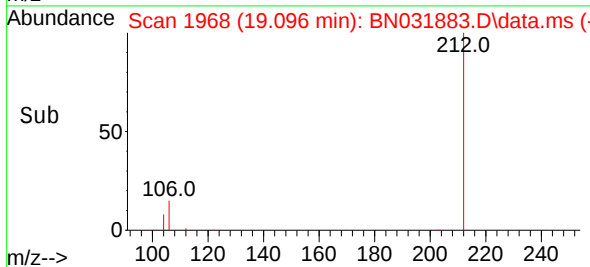
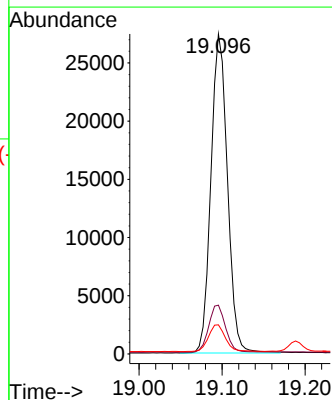
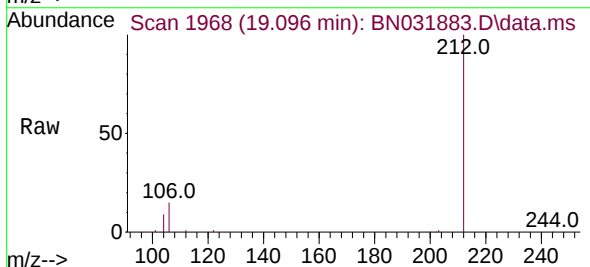
Tgt Ion:212 Resp: 37926

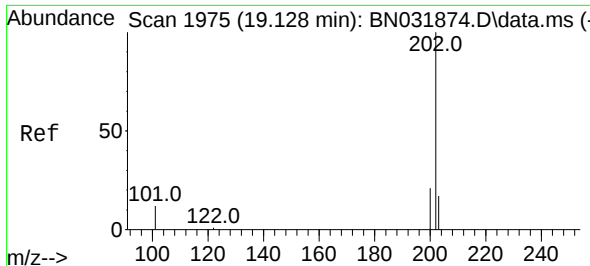
Ion Ratio Lower Upper

212 100

106 15.1 11.8 17.8

104 8.7 6.6 10.0

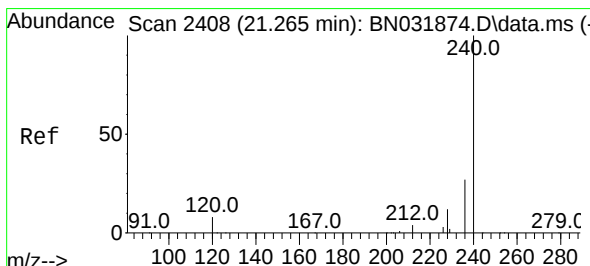
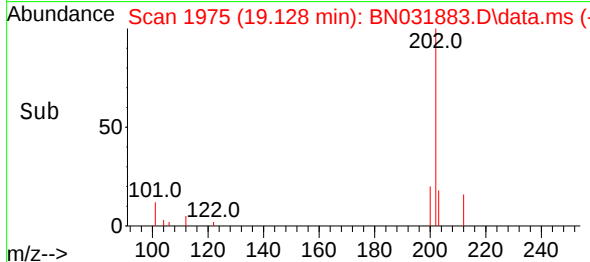
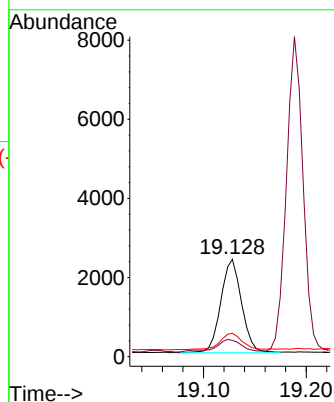
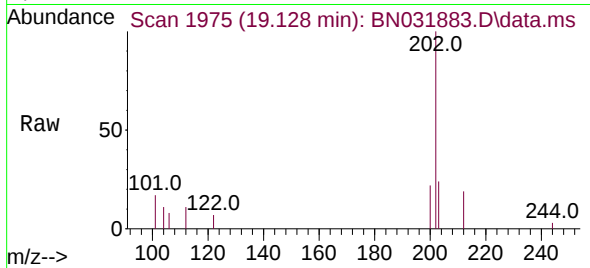




#28
Fluoranthene
Concen: 0.025 ng
RT: 19.128 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BN031883.D
Acq: 10 Jun 2024 18:26

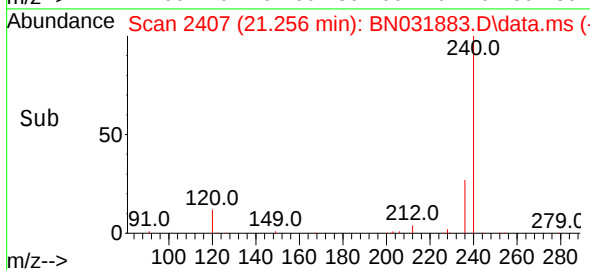
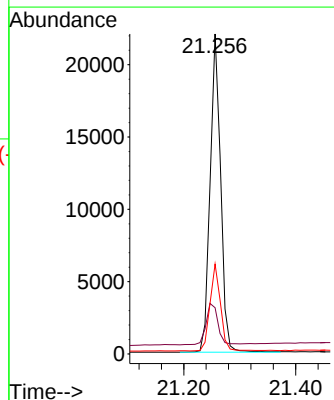
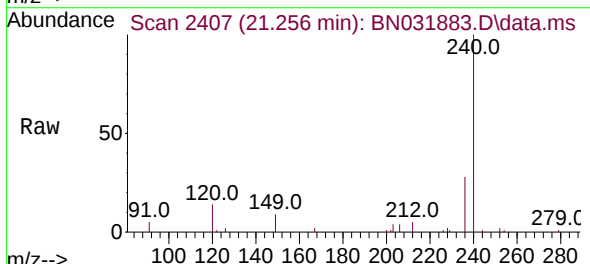
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-160-162

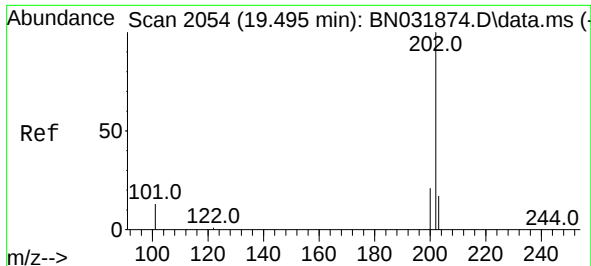
Tgt Ion:202 Resp: 3319
Ion Ratio Lower Upper
202 100
101 17.3 9.8 14.6#
203 19.0 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.256 min Scan# 2407
Delta R.T. -0.009 min
Lab File: BN031883.D
Acq: 10 Jun 2024 18:26

Tgt Ion:240 Resp: 28642
Ion Ratio Lower Upper
240 100
120 14.5 8.2 12.4#
236 28.1 21.8 32.8

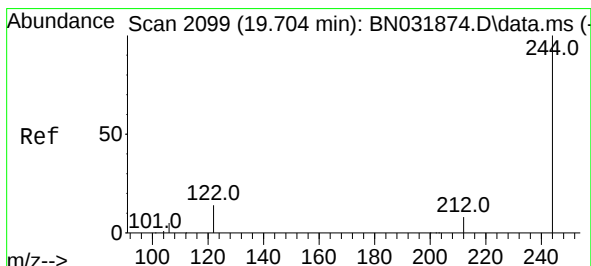
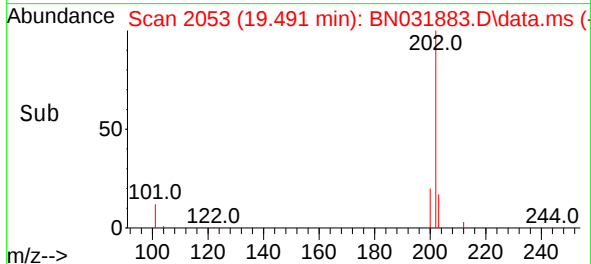
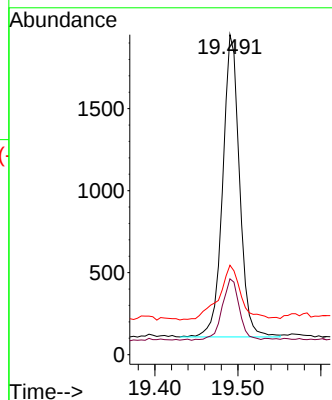
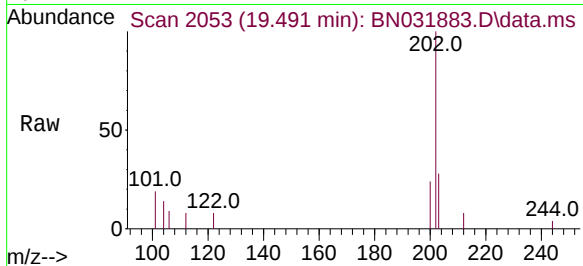




#30
Pyrene
Concen: 0.023 ng
RT: 19.491 min Scan# 2053
Delta R.T. -0.005 min
Lab File: BN031883.D
Acq: 10 Jun 2024 18:26

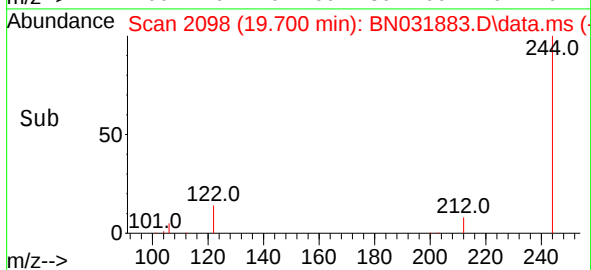
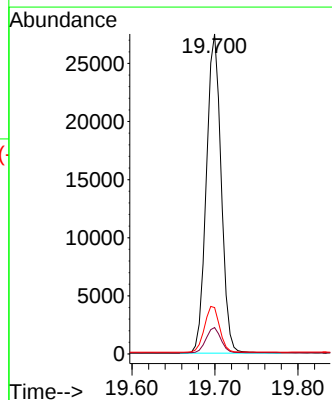
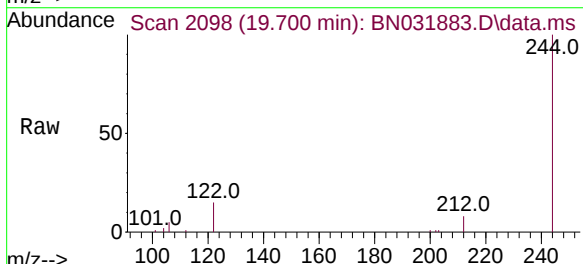
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-160-162

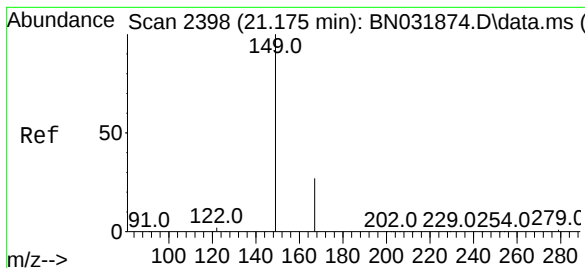
Tgt Ion:202 Resp: 2584
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 23.9 14.3 21.5#



#31
Terphenyl-d14
Concen: 0.487 ng
RT: 19.700 min Scan# 2098
Delta R.T. -0.005 min
Lab File: BN031883.D
Acq: 10 Jun 2024 18:26

Tgt Ion:244 Resp: 34104
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 14.5 11.4 17.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.050 ng

RT: 21.175 min Scan# 2398

Delta R.T. 0.000 min

Lab File: BN031883.D

Acq: 10 Jun 2024 18:26

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-160-162

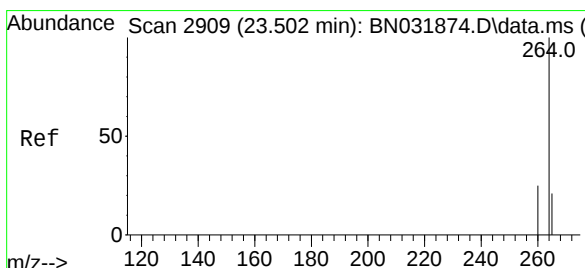
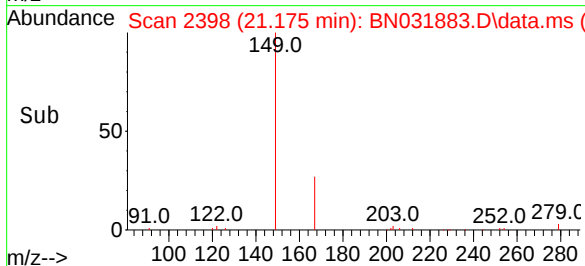
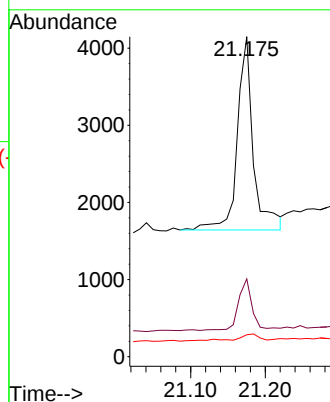
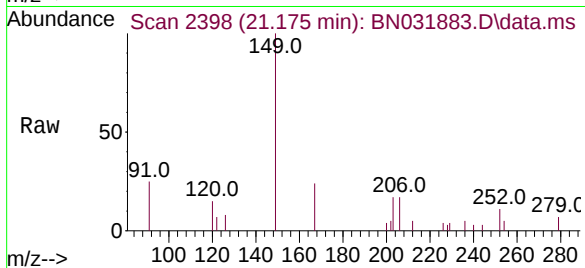
Tgt Ion:149 Resp: 3704

Ion Ratio Lower Upper

149 100

167 22.2 22.5 33.7#

279 3.2 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: BN031883.D

Acq: 10 Jun 2024 18:26

Tgt Ion:264 Resp: 29044

Ion Ratio Lower Upper

264 100

260 25.8 20.5 30.7

265 66.0 39.6 59.4#

