

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
 Data File : BN032137.D
 Acq On : 21 Jun 2024 18:34
 Operator : MA/JU
 Sample : P3002-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-EB-20240618

Quant Time: Jun 22 00:33:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

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

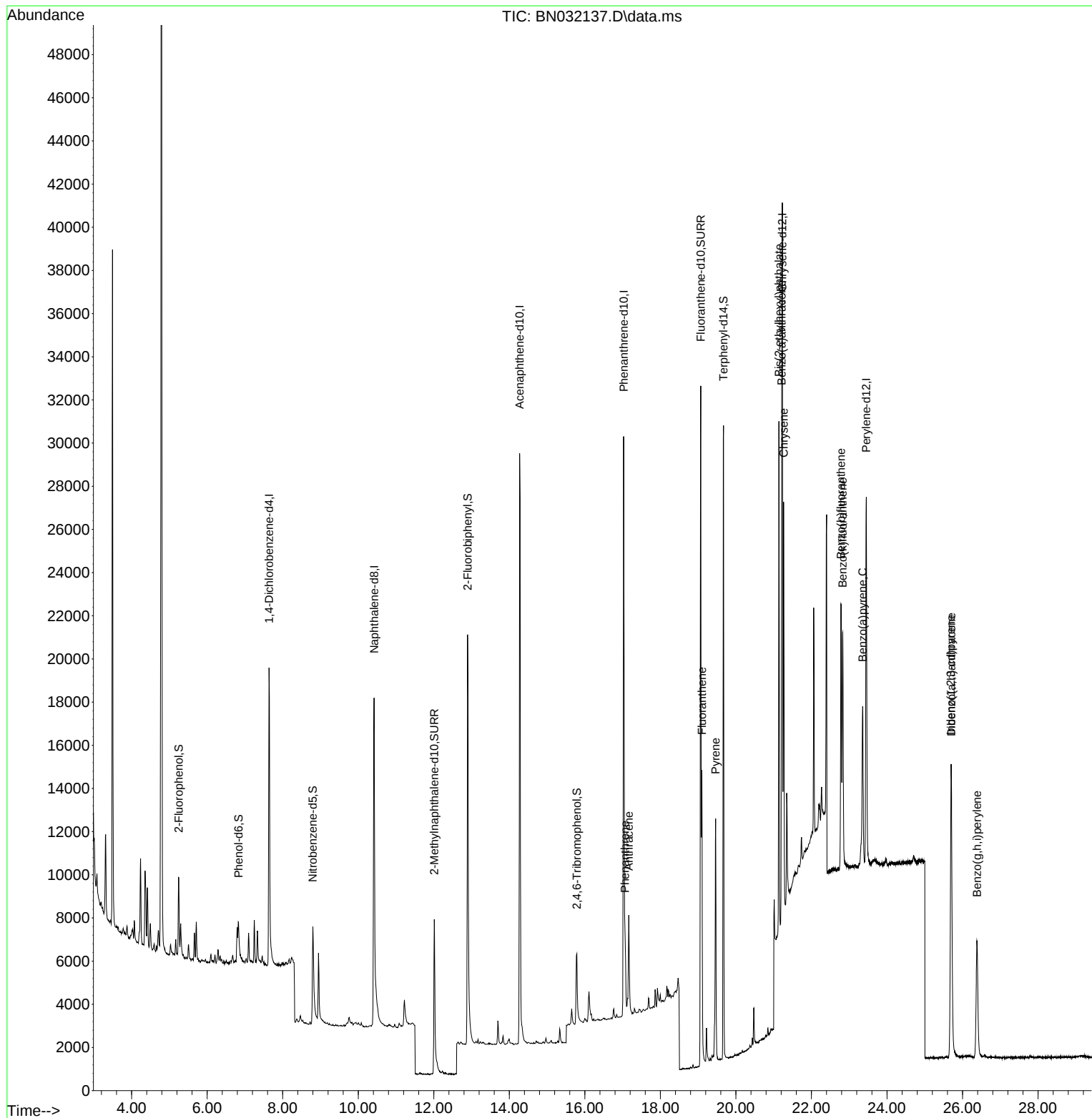
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	8113	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	27969	0.400	ng	0.00
13) Acenaphthene-d10	14.274	164	18831	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	39752	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	26391	0.400	ng	# 0.00
35) Perylene-d12	23.452	264	23035	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	3696	0.160	ng	0.00
5) Phenol-d6	6.830	99	2657	0.088	ng	0.00
8) Nitrobenzene-d5	8.798	82	5934	0.255	ng	0.00
11) 2-Methylnaphthalene-d10	12.013	152	13118	0.294	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	2655	0.294	ng	0.00
15) 2-Fluorobiphenyl	12.895	172	22264	0.312	ng	-0.01
27) Fluoranthene-d10	19.068	212	37056	0.343	ng	0.00
31) Terphenyl-d14	19.672	244	29147	0.452	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.066	178	2919	0.026	ng	98
26) Anthracene	17.165	178	5655	0.055	ng	99
28) Fluoranthene	19.100	202	10216	0.076	ng	# 85
30) Pyrene	19.463	202	10913	0.104	ng	99
32) Benzo(a)anthracene	21.211	228	16205	0.163	ng	98
33) Chrysene	21.265	228	16046	0.171	ng	98
34) Bis(2-ethylhexyl)phtha...	21.139	149	20454	0.301	ng	100
36) Indeno(1,2,3-cd)pyrene	25.694	276	16099	0.187	ng	100
37) Benzo(b)fluoranthene	22.782	252	15959	0.190	ng	# 84
38) Benzo(k)fluoranthene	22.829	252	15251	0.192	ng	# 80
39) Benzo(a)pyrene	23.355	252	11517	0.159	ng	# 72
40) Dibenzo(a,h)anthracene	25.706	278	12297	0.182	ng	91
41) Benzo(g,h,i)perylene	26.384	276	12134	0.167	ng	92

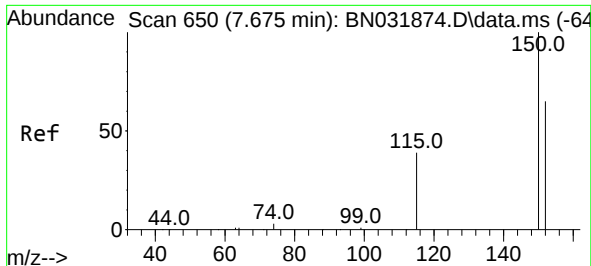
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
Data File : BN032137.D
Acq On : 21 Jun 2024 18:34
Operator : MA/JU
Sample : P3002-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240618

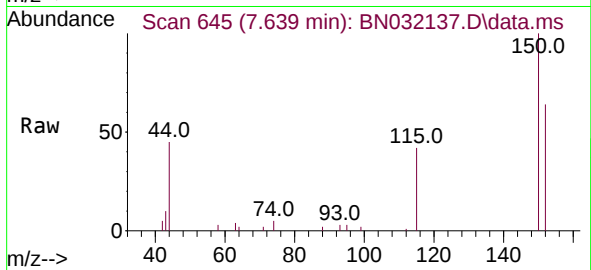
Quant Time: Jun 22 00:33:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration



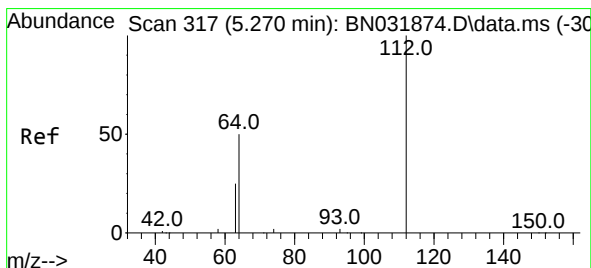
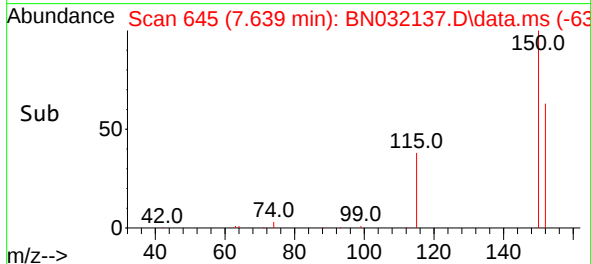
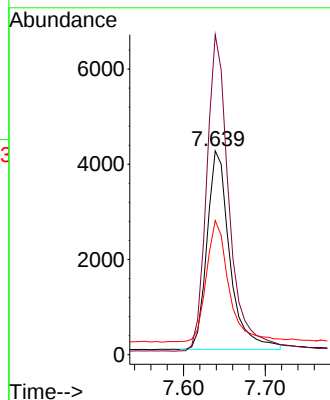


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.639 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240618

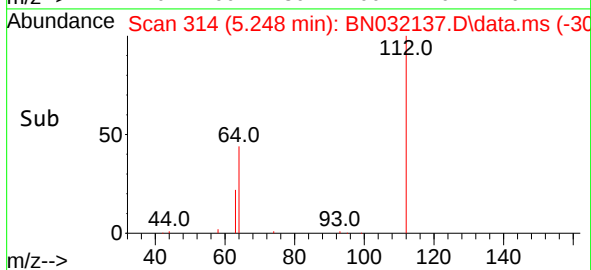
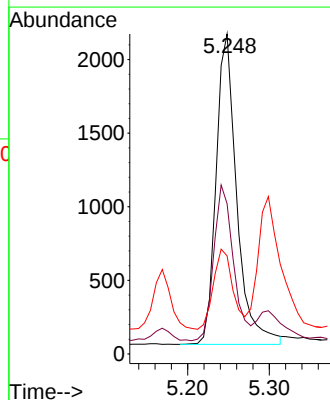
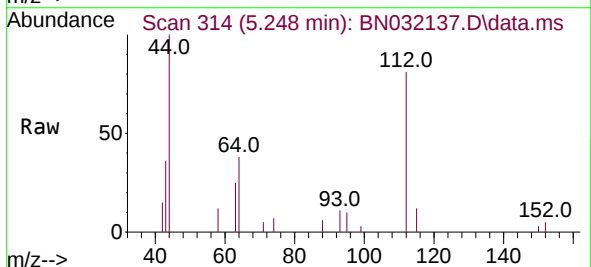


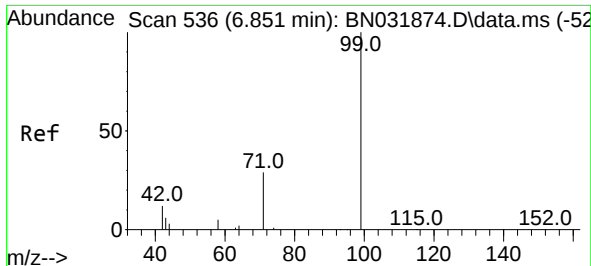
Tgt Ion:152 Resp: 8113
Ion Ratio Lower Upper
152 100
150 157.0 121.0 181.4
115 65.8 49.4 74.0



#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.248 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

Tgt Ion:112 Resp: 3696
Ion Ratio Lower Upper
112 100
64 47.9 42.4 63.6
63 24.5 22.1 33.1

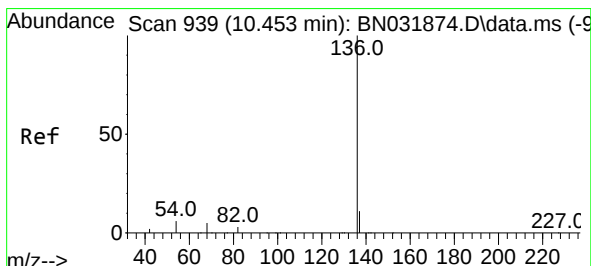
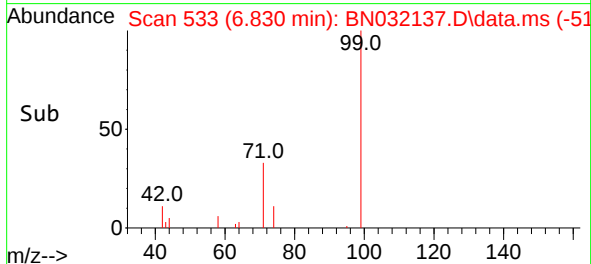
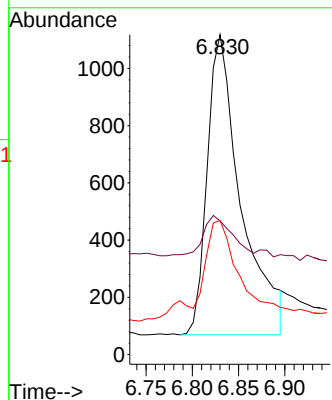
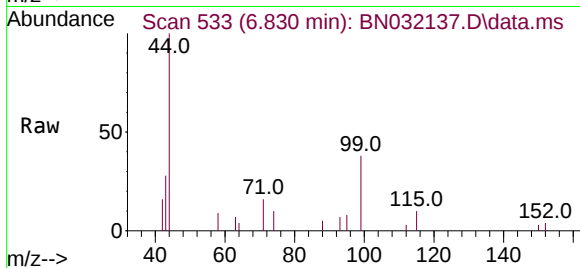




#5
Phenol-d6
Concen: 0.088 ng
RT: 6.830 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

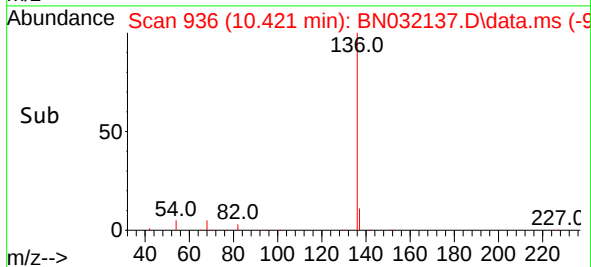
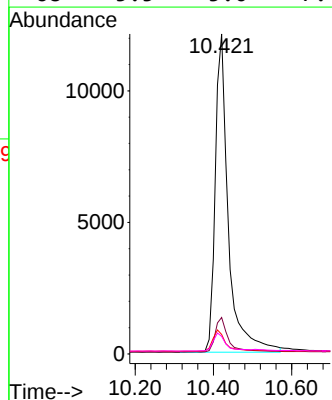
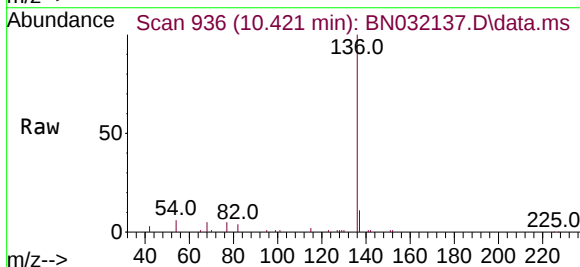
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240618

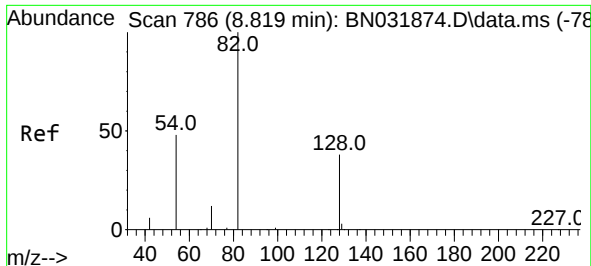
Tgt Ion: 99 Resp: 2657
Ion Ratio Lower Upper
99 100
42 12.9 12.8 19.2
71 27.7 25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

Tgt Ion: 136 Resp: 27969
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 6.1 5.6 8.4
68 5.5 5.0 7.4

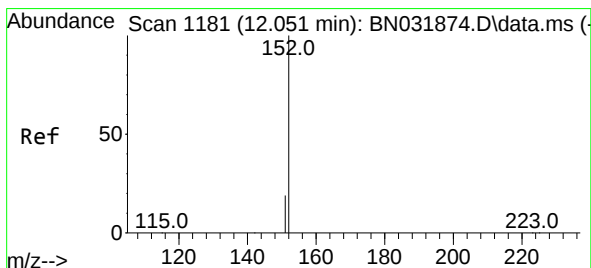
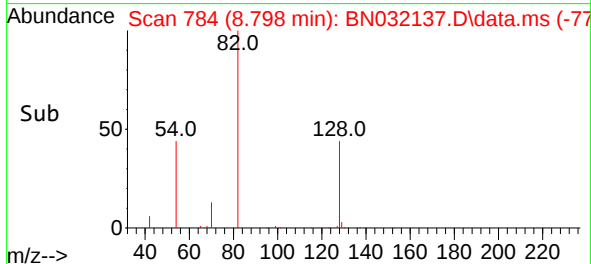
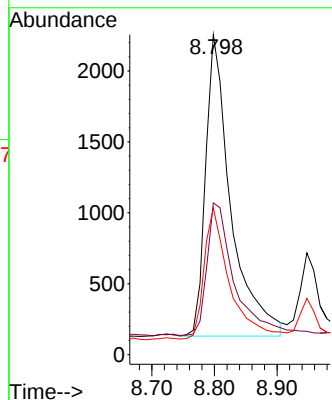
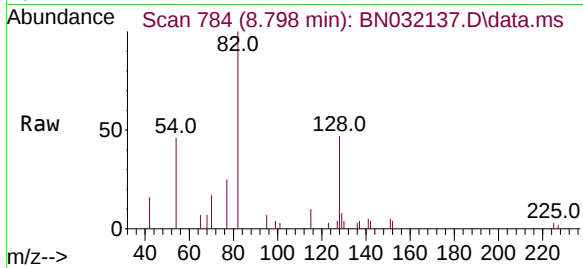




#8
 Nitrobenzene-d5
 Concen: 0.255 ng
 RT: 8.798 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: BN032137.D
 Acq: 21 Jun 2024 18:34

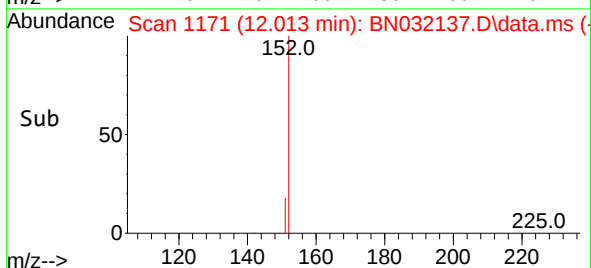
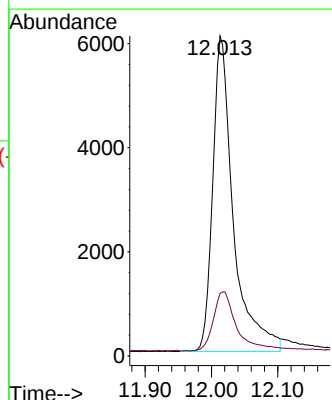
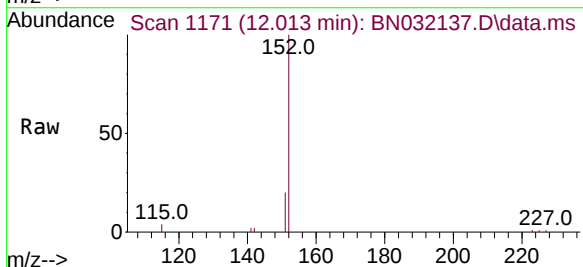
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-EB-20240618

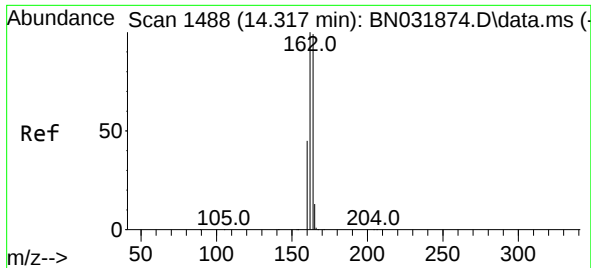
Tgt Ion:	82	Resp:	5934
Ion Ratio	Lower	Upper	
82	100		
128	47.4	32.1	48.1
54	45.8	39.7	59.5



#11
 2-Methylnaphthalene-d10
 Concen: 0.294 ng
 RT: 12.013 min Scan# 1171
 Delta R.T. -0.008 min
 Lab File: BN032137.D
 Acq: 21 Jun 2024 18:34

Tgt Ion:	152	Resp:	13118
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.3	24.5

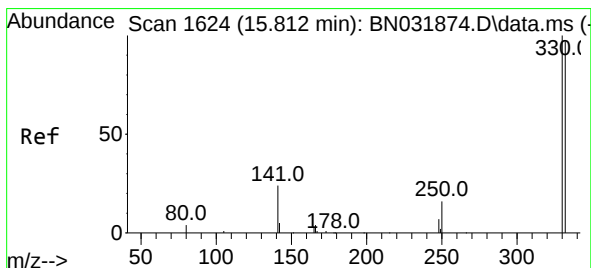
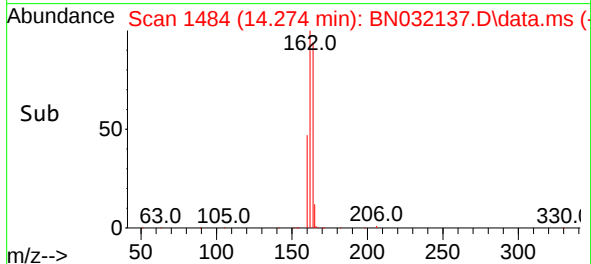
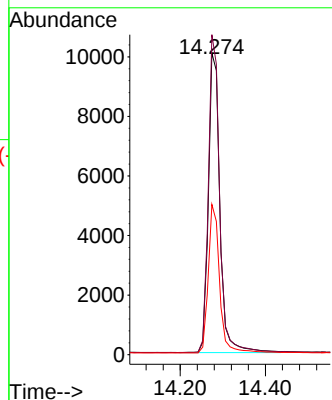
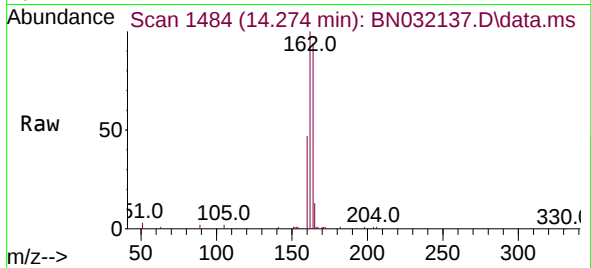




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 1488
Delta R.T. -0.011 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

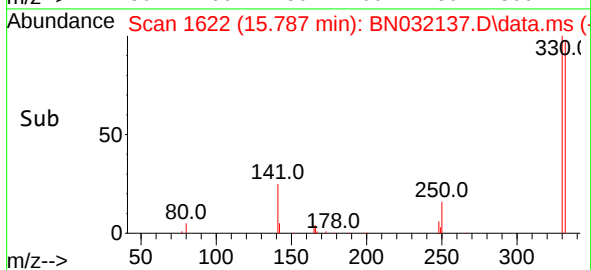
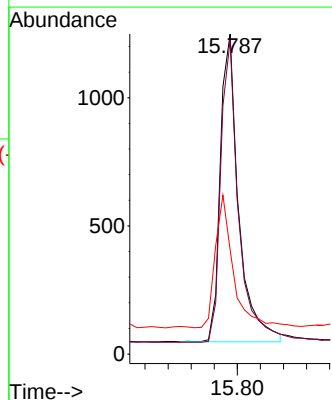
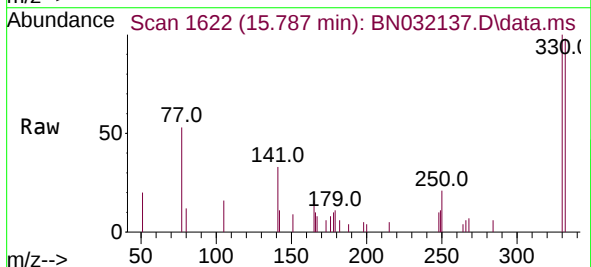
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240618

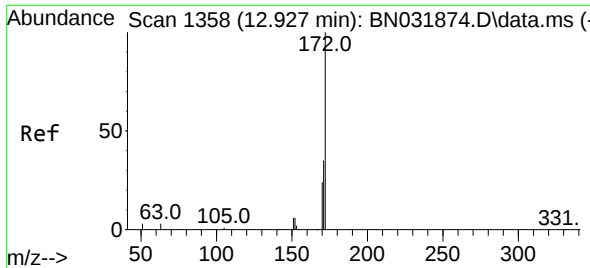
Tgt Ion:164 Resp: 18831
Ion Ratio Lower Upper
164 100
162 106.1 80.7 121.1
160 49.8 36.2 54.4



#14
2,4,6-Tribromophenol
Concen: 0.294 ng
RT: 15.787 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

Tgt Ion:330 Resp: 2655
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 41.9 34.7 52.1

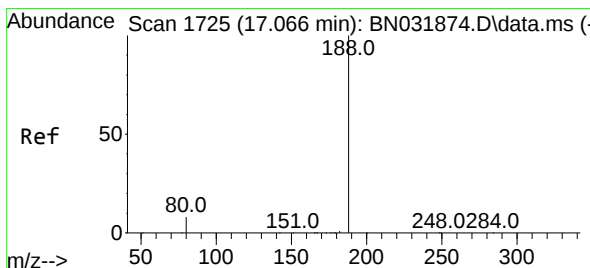
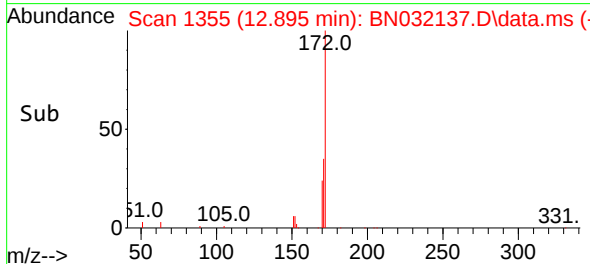
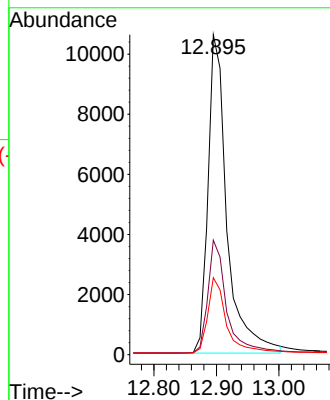
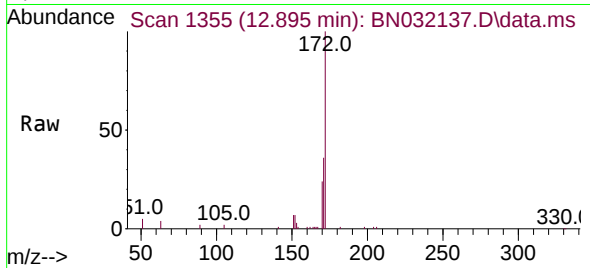




#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.895 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

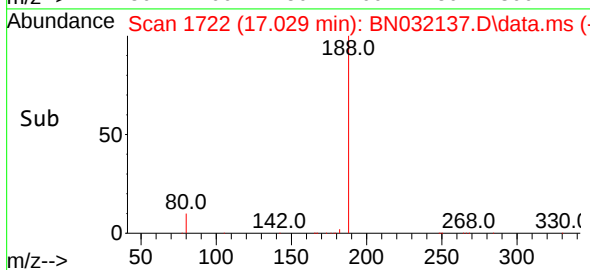
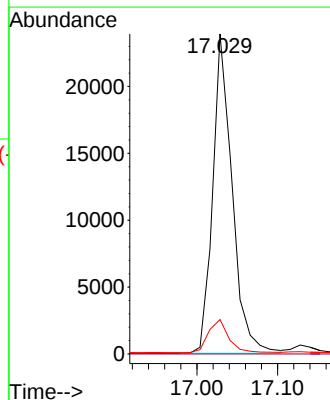
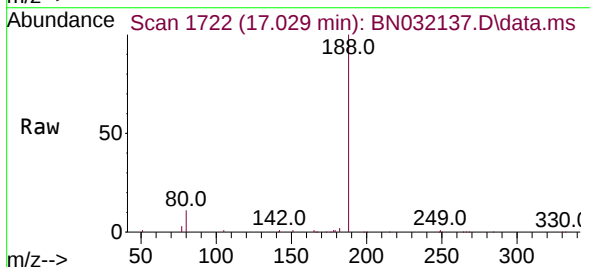
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240618

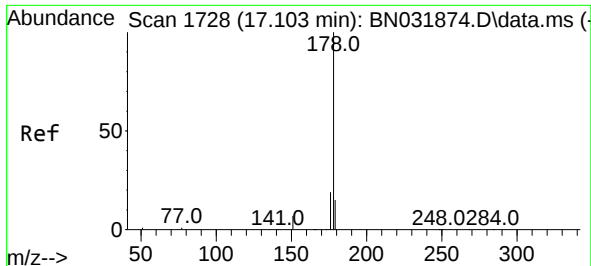
Tgt Ion:172 Resp: 22264
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 24.0 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

Tgt Ion:188 Resp: 39752
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 6.4 9.6#

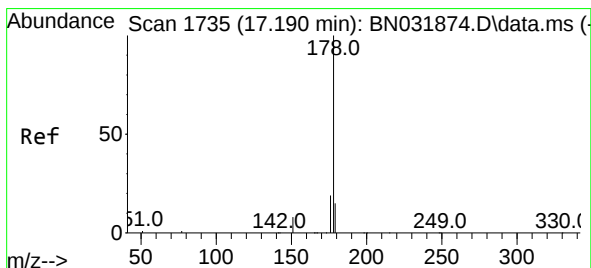
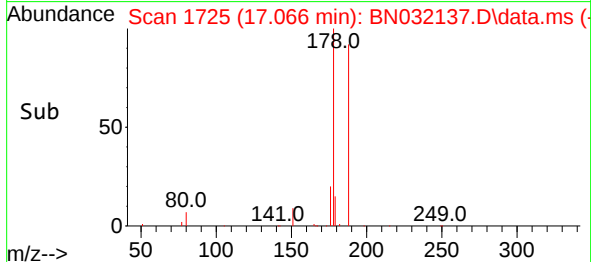
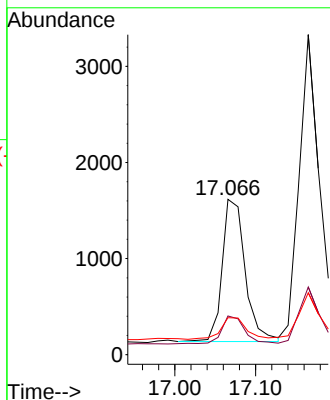
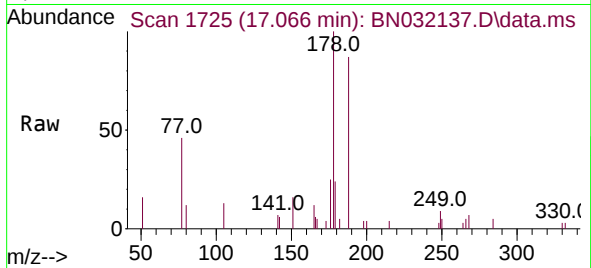




#25
Phenanthrene
Concen: 0.026 ng
RT: 17.066 min Scan# 1732
Delta R.T. -0.012 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

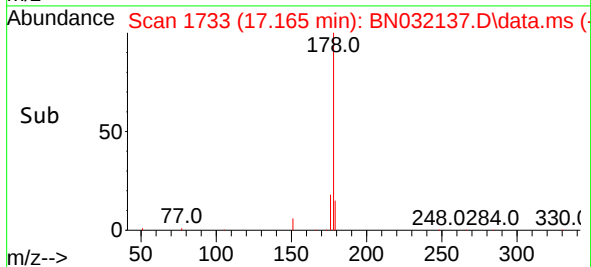
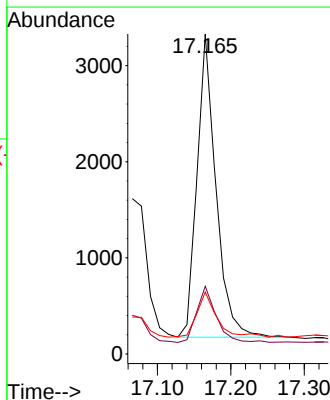
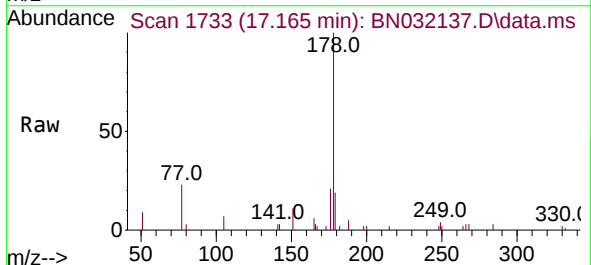
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240618

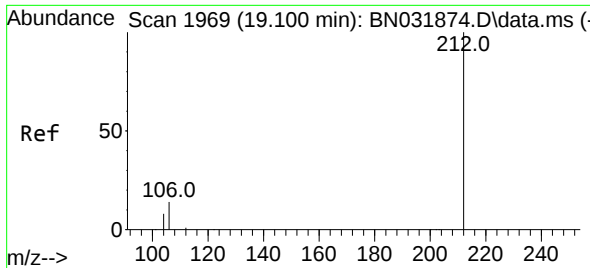
Tgt Ion:178 Resp: 2919
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.8 12.2 18.2



#26
Anthracene
Concen: 0.055 ng
RT: 17.165 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

Tgt Ion:178 Resp: 5655
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.6 12.2 18.2

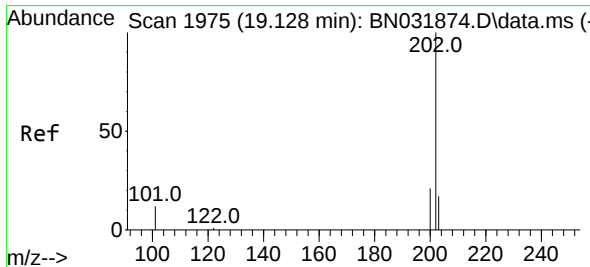
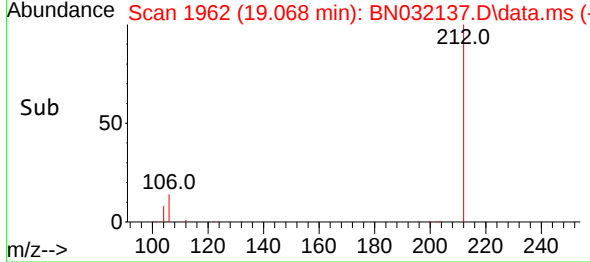
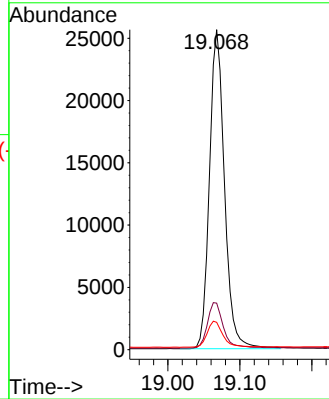
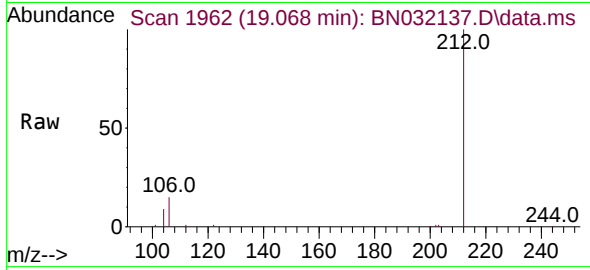




#27
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.068 min Scan# 1962
Delta R.T. -0.005 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

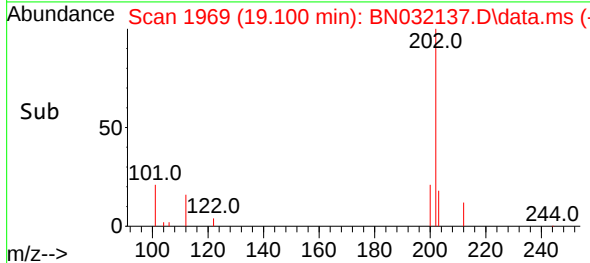
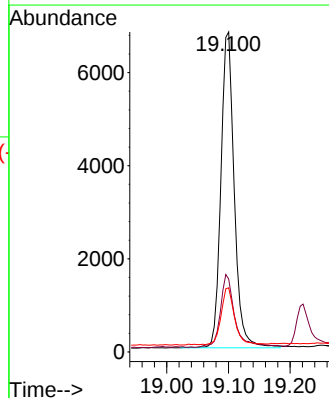
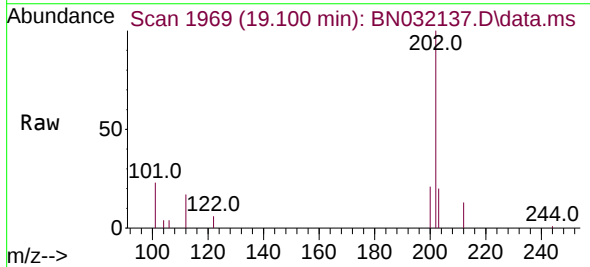
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240618

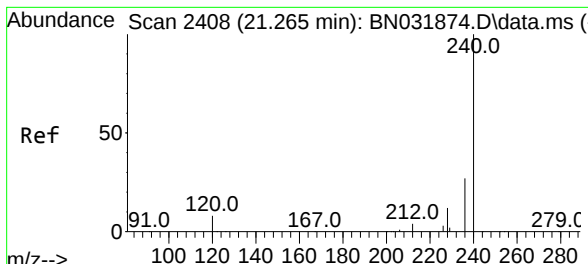
Tgt Ion:212 Resp: 37056
Ion Ratio Lower Upper
212 100
106 15.1 11.8 17.8
104 8.5 6.6 10.0



#28
Fluoranthene
Concen: 0.076 ng
RT: 19.100 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

Tgt Ion:202 Resp: 10216
Ion Ratio Lower Upper
202 100
101 24.9 9.8 14.6#
203 17.9 13.7 20.5

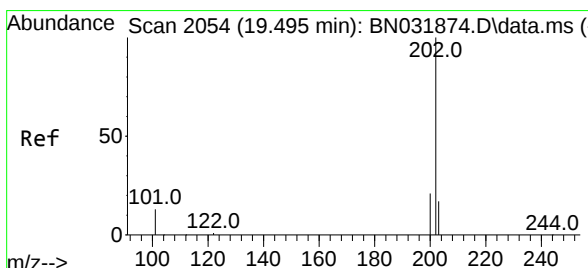
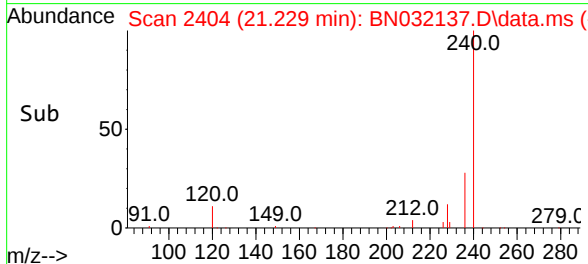
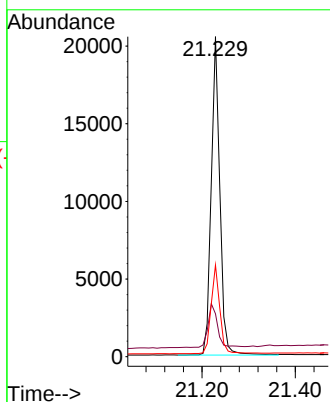
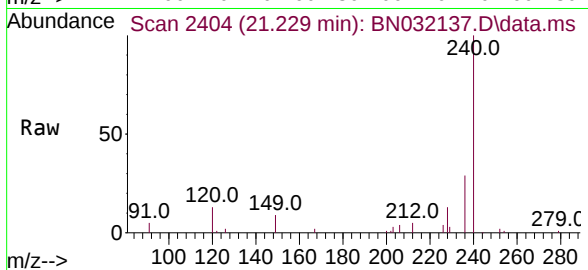




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

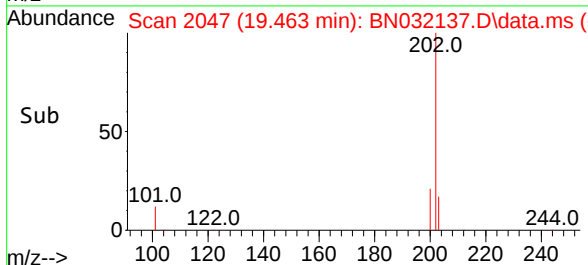
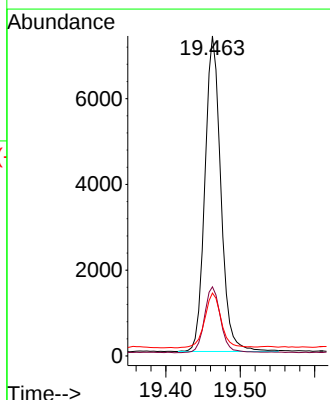
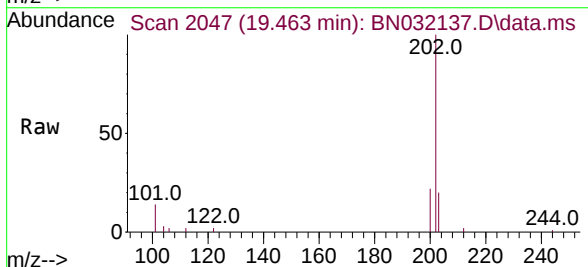
Instrument : BNA_N
ClientSampleId : BP-VPB-196-EB-20240618

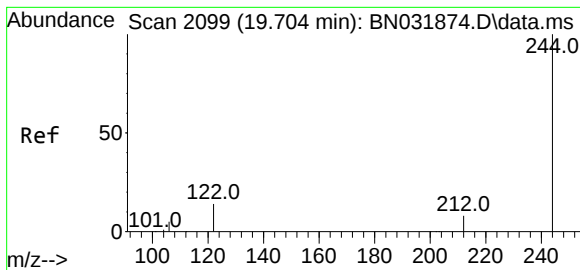
Tgt Ion:	240	Resp:	26391
Ion Ratio	Lower	Upper	
240	100		
120	13.4	8.2	12.4#
236	28.6	21.8	32.8



#30
Pyrene
Concen: 0.104 ng
RT: 19.463 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

Tgt Ion:	202	Resp:	10913
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.7	25.1
203	18.1	14.3	21.5





#31

Terphenyl-d14

Concen: 0.452 ng

RT: 19.672 min Scan# 2099

Delta R.T. -0.000 min

Lab File: BN032137.D

Acq: 21 Jun 2024 18:34

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-EB-20240618

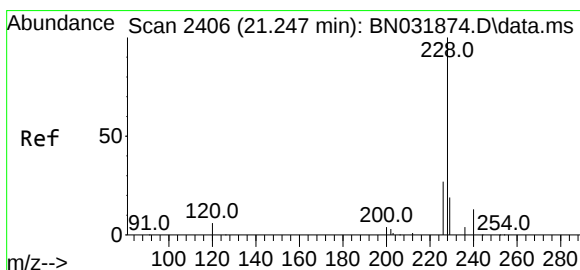
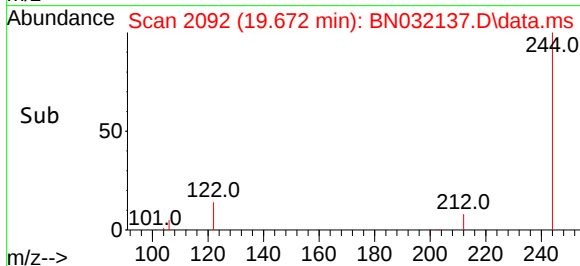
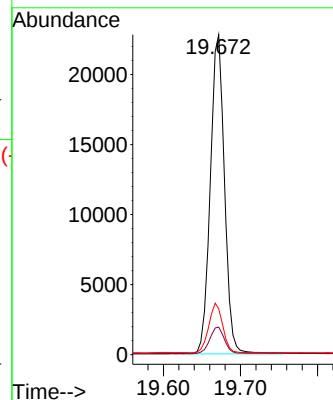
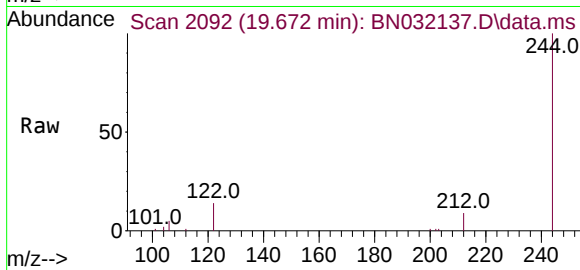
Tgt Ion:244 Resp: 29147

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

122 14.3 11.4 17.0



#32

Benzo(a)anthracene

Concen: 0.163 ng

RT: 21.211 min Scan# 2402

Delta R.T. -0.000 min

Lab File: BN032137.D

Acq: 21 Jun 2024 18:34

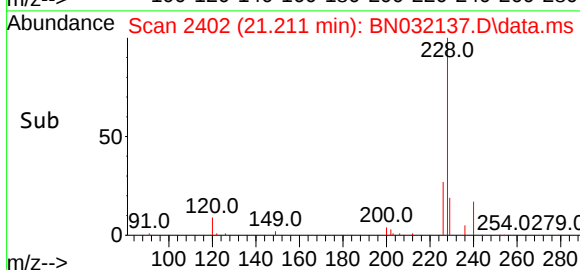
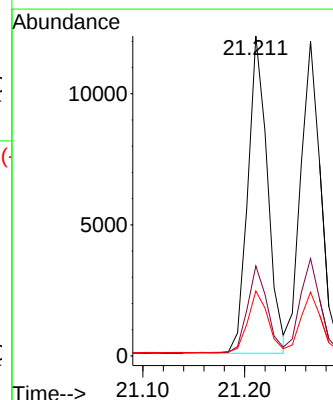
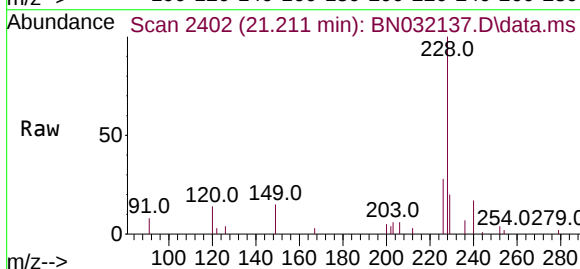
Tgt Ion:228 Resp: 16205

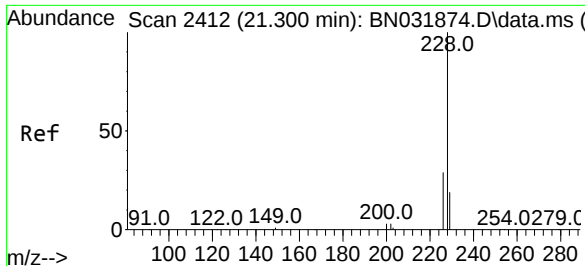
Ion Ratio Lower Upper

228 100

226 28.2 21.8 32.6

229 20.3 15.8 23.8





#33

Chrysene

Concen: 0.171 ng

RT: 21.265 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BN032137.D

Acq: 21 Jun 2024 18:34

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-EB-20240618

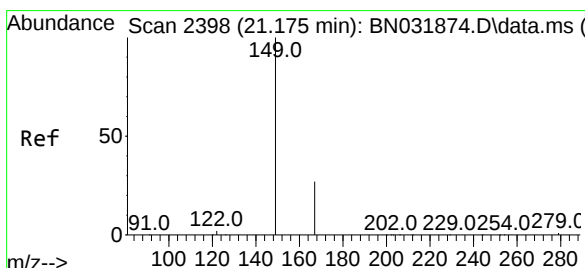
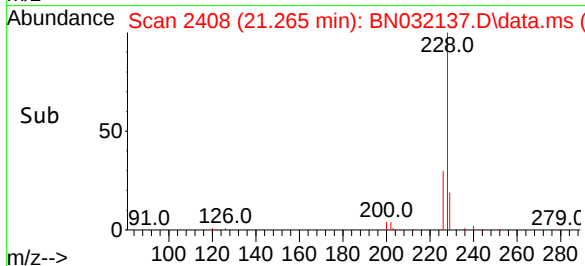
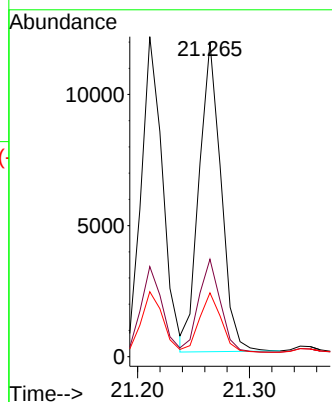
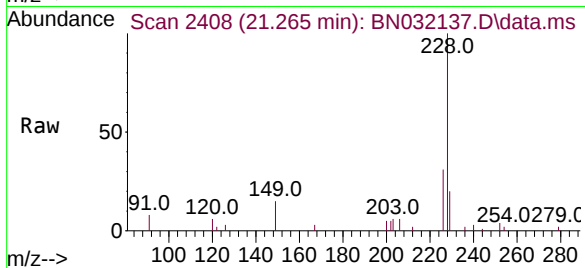
Tgt Ion:228 Resp: 16046

Ion Ratio Lower Upper

228 100

226 31.0 23.6 35.4

229 20.3 15.8 23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.301 ng

RT: 21.139 min Scan# 2394

Delta R.T. -0.009 min

Lab File: BN032137.D

Acq: 21 Jun 2024 18:34

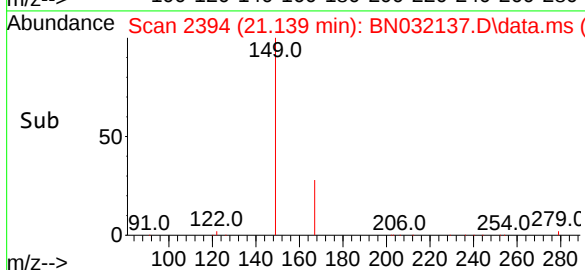
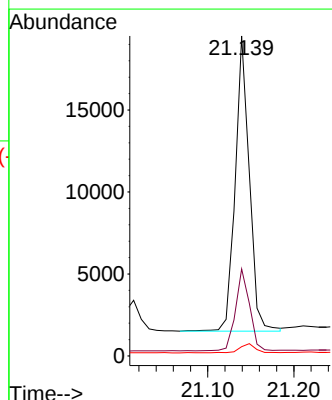
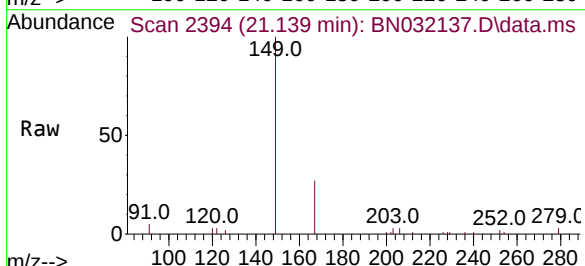
Tgt Ion:149 Resp: 20454

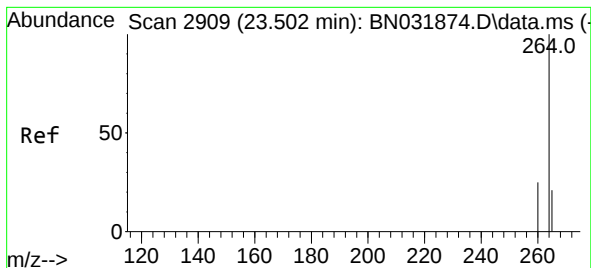
Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

279 3.6 2.9 4.3





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.452 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN032137.D

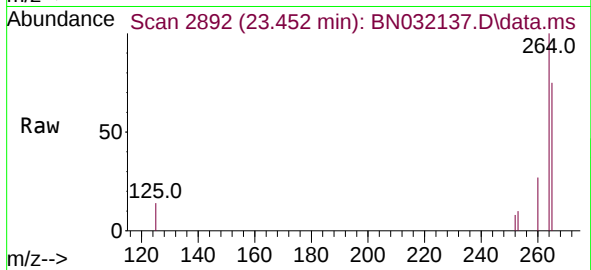
Acq: 21 Jun 2024 18:34

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-EB-20240618



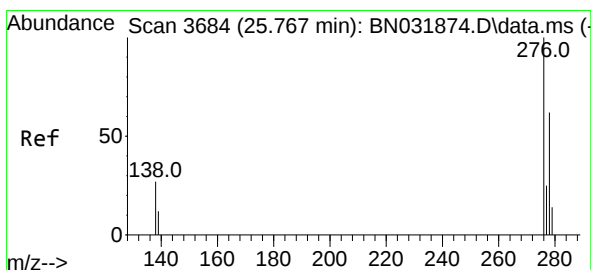
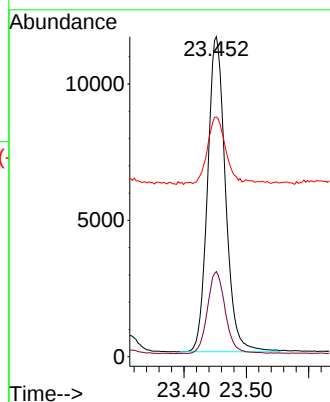
Tgt Ion:264 Resp: 23035

Ion Ratio Lower Upper

264 100

260 26.6 20.5 30.7

265 74.9 39.6 59.4#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.187 ng

RT: 25.694 min Scan# 3659

Delta R.T. -0.000 min

Lab File: BN032137.D

Acq: 21 Jun 2024 18:34

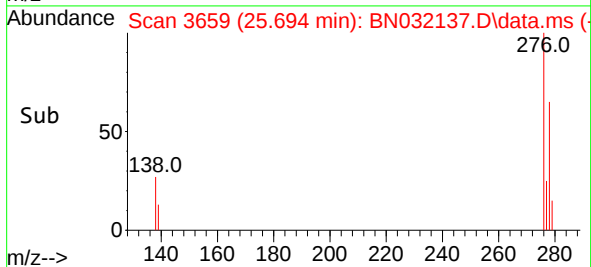
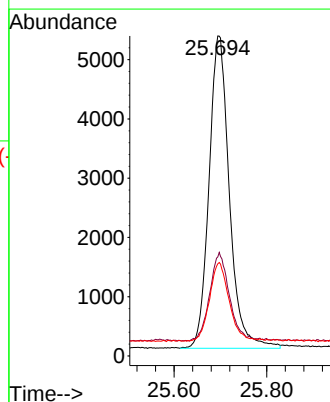
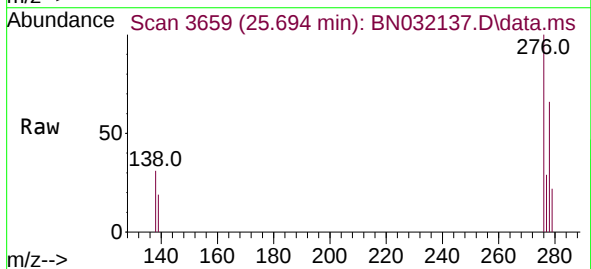
Tgt Ion:276 Resp: 16099

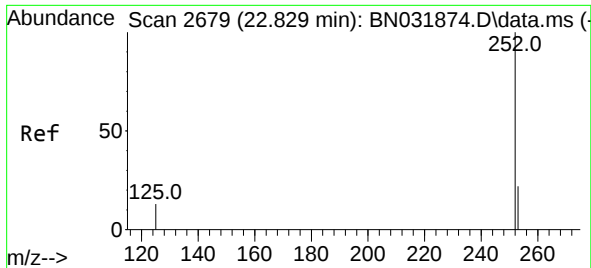
Ion Ratio Lower Upper

276 100

138 26.8 21.5 32.3

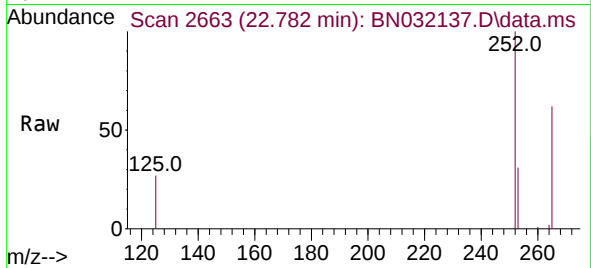
277 24.4 19.8 29.8



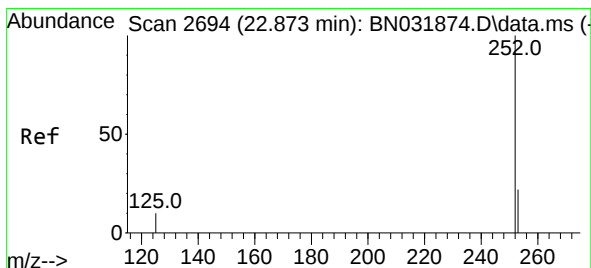
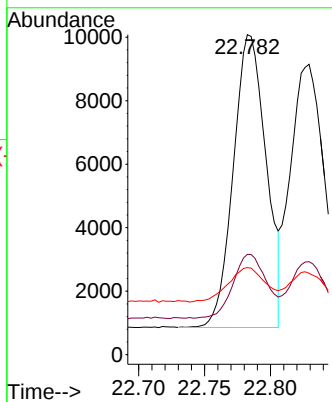


#37
Benzo(b)fluoranthene
Concen: 0.190 ng
RT: 22.782 min Scan# 2663
Delta R.T. -0.003 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240618

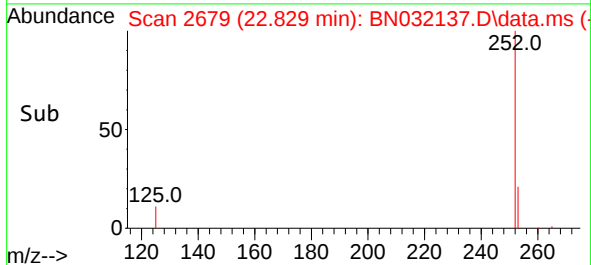
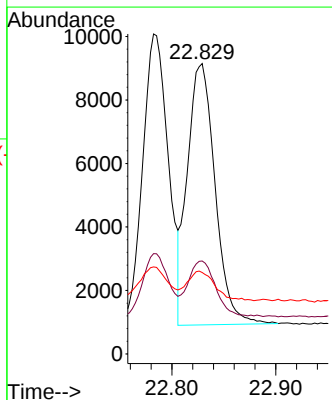
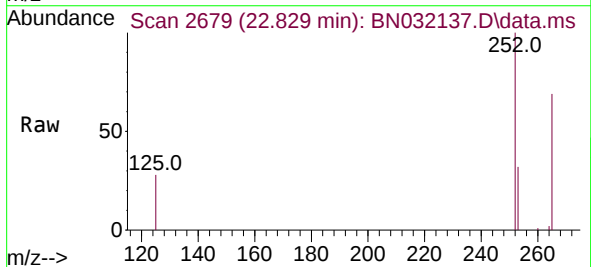


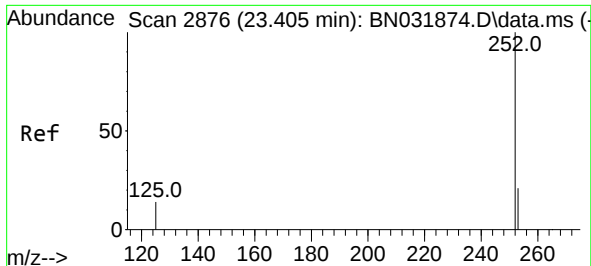
Tgt Ion:252 Resp: 15959
Ion Ratio Lower Upper
252 100
253 31.4 20.2 30.2#
125 27.2 14.2 21.4#



#38
Benzo(k)fluoranthene
Concen: 0.192 ng
RT: 22.829 min Scan# 2679
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

Tgt Ion:252 Resp: 15251
Ion Ratio Lower Upper
252 100
253 32.0 19.9 29.9#
125 28.1 13.0 19.4#





#39

Benzo(a)pyrene

Concen: 0.159 ng

RT: 23.355 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN032137.D

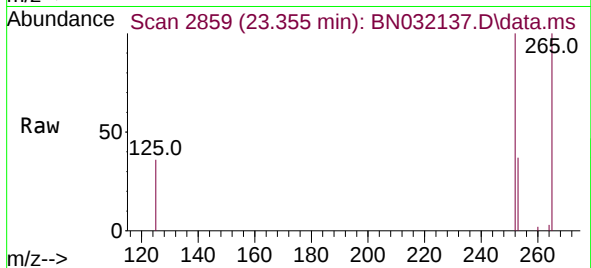
Acq: 21 Jun 2024 18:34

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-EB-20240618



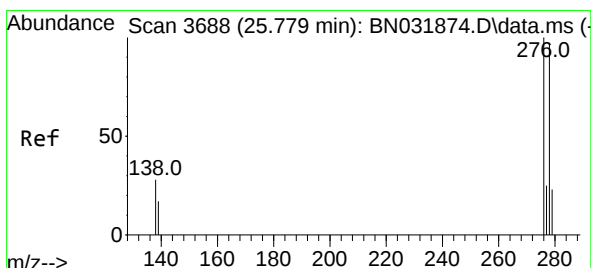
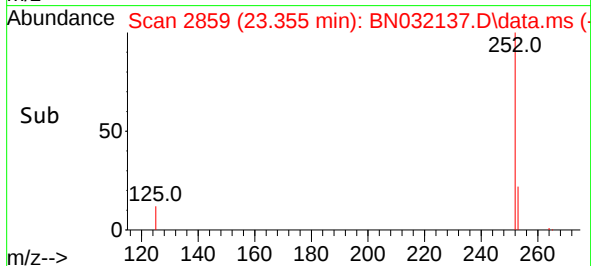
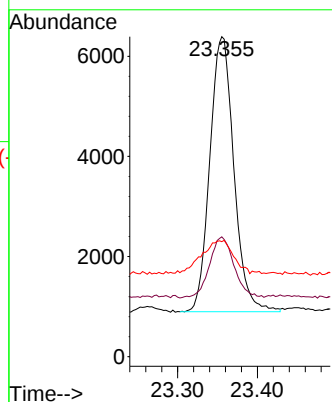
Tgt Ion:252 Resp: 11517

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

252	100		
-----	-----	--	--

253	37.5	20.5	30.7#
-----	------	------	-------

125	36.0	16.4	24.6#
-----	------	------	-------



#40

Dibenzo(a,h)anthracene

Concen: 0.182 ng

RT: 25.706 min Scan# 3663

Delta R.T. -0.000 min

Lab File: BN032137.D

Acq: 21 Jun 2024 18:34

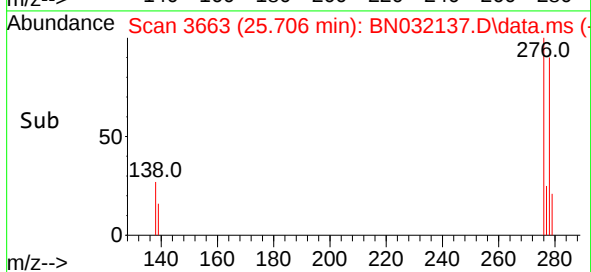
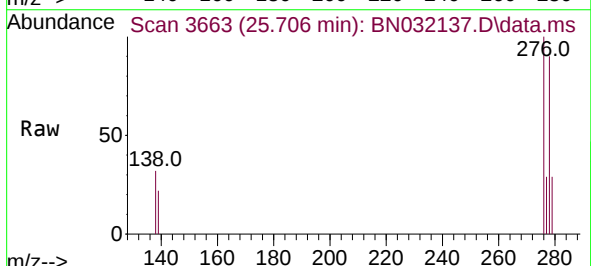
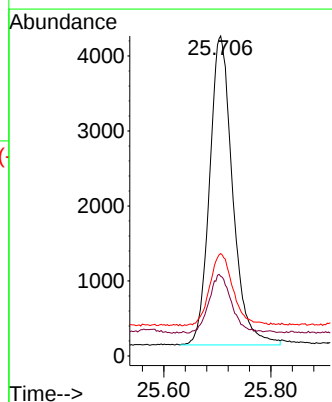
Tgt Ion:278 Resp: 12297

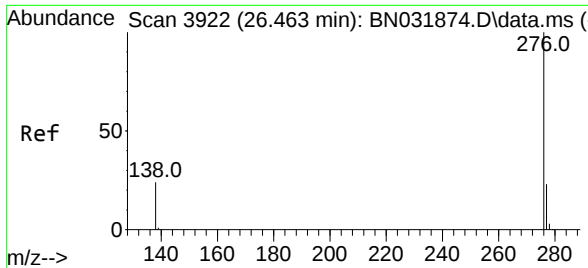
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

278	100		
-----	-----	--	--

139	24.9	17.0	25.4
-----	------	------	------

279	32.0	21.4	32.0
-----	------	------	------





#41

Benzo(g,h,i)perylene

Concen: 0.167 ng

RT: 26.384 min Scan# 31

Delta R.T. 0.006 min

Lab File: BN032137.D

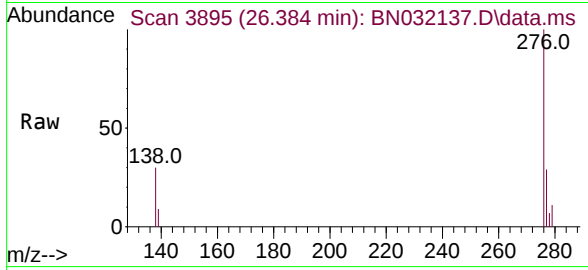
Acq: 21 Jun 2024 18:34

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-EB-20240618



Tgt Ion:276 Resp: 12134

Ion Ratio Lower Upper

276 100

277 29.2 20.2 30.2

138 29.8 20.6 31.0

