

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
 Data File : BN032139.D
 Acq On : 21 Jun 2024 19:46
 Operator : MA/JU
 Sample : P3002-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-600-602

Quant Time: Jun 22 00:34:01 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)

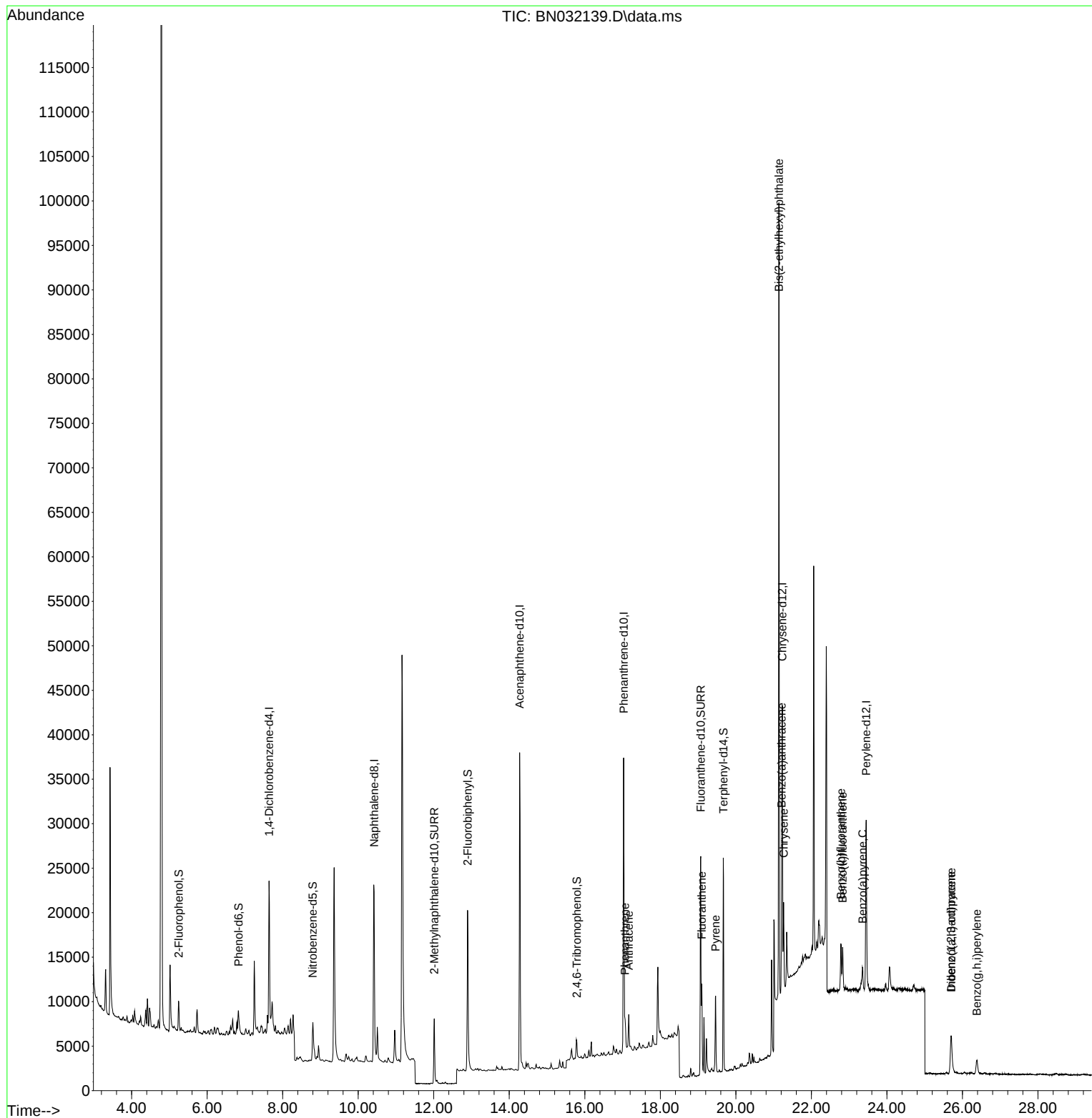
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	9572	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	32903	0.400	ng	# 0.00
13) Acenaphthene-d10	14.274	164	22247	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	46886	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	28956	0.400	ng	# 0.00
35) Perylene-d12	23.449	264	25792	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	3089	0.114	ng	0.00
5) Phenol-d6	6.830	99	3837	0.108	ng	0.00
8) Nitrobenzene-d5	8.798	82	4947	0.181	ng	0.00
11) 2-Methylnaphthalene-d10	12.013	152	11319	0.216	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	1601	0.150	ng	0.00
15) 2-Fluorobiphenyl	12.895	172	18766	0.222	ng	-0.01
27) Fluoranthene-d10	19.068	212	28601	0.224	ng	0.00
31) Terphenyl-d14	19.667	244	22812	0.322	ng	0.00
Target Compounds						
						Qvalue
25) Phenanthrene	17.066	178	3233	0.025	ng	# 94
26) Anthracene	17.165	178	4892	0.041	ng	97
28) Fluoranthene	19.096	202	8077	0.051	ng	# 90
30) Pyrene	19.463	202	8197	0.071	ng	99
32) Benzo(a)anthracene	21.211	228	7961	0.073	ng	94
33) Chrysene	21.265	228	7918	0.077	ng	94
34) Bis(2-ethylhexyl)phtha...	21.139	149	73323	0.985	ng	100
36) Indeno(1,2,3-cd)pyrene	25.697	276	5114	0.053	ng	# 89
37) Benzo(b)fluoranthene	22.782	252	6918	0.074	ng	# 37
38) Benzo(k)fluoranthene	22.826	252	5709	0.064	ng	# 27
39) Benzo(a)pyrene	23.355	252	3648	0.045	ng	# 1
40) Dibenzo(a,h)anthracene	25.703	278	4051	0.053	ng	# 44
41) Benzo(g,h,i)perylene	26.381	276	3613	0.044	ng	# 60

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

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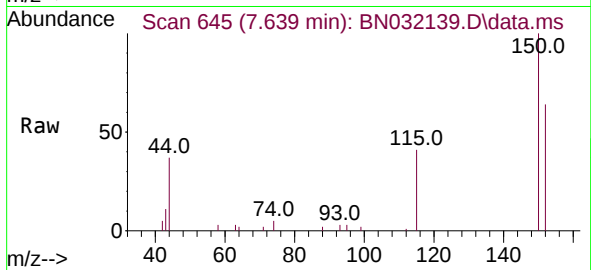
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
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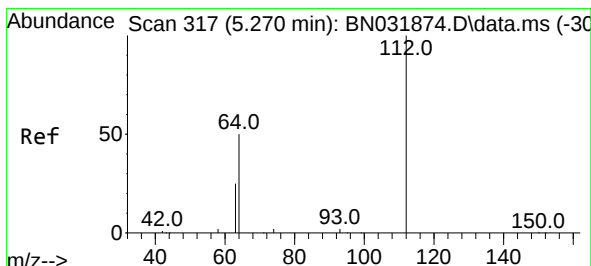
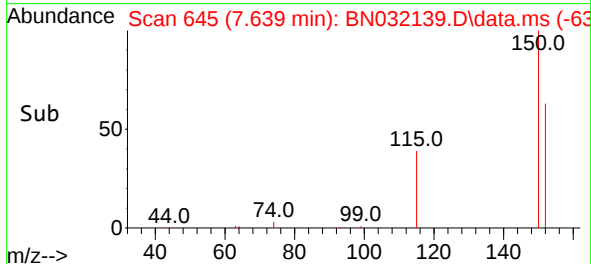
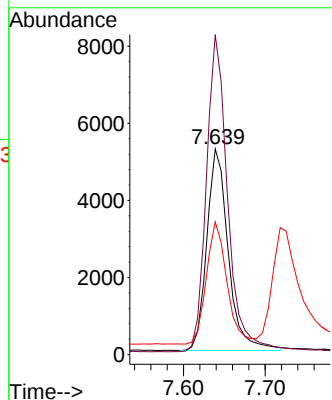


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.639 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN032139.D
Acq: 21 Jun 2024 19:46

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-600-602

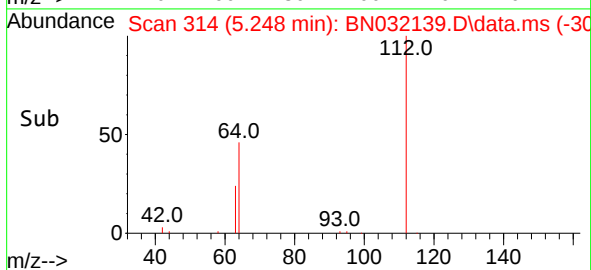
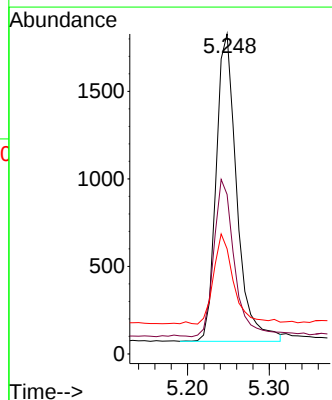
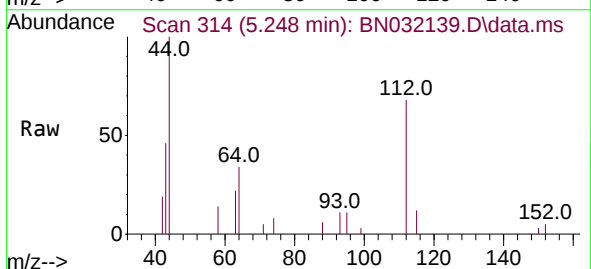


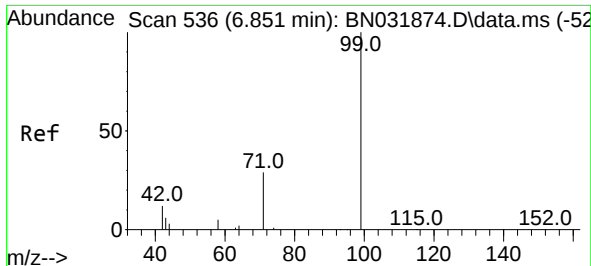
Tgt Ion:152 Resp: 9572
Ion Ratio Lower Upper
152 100
150 155.5 121.0 181.4
115 64.5 49.4 74.0



#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.248 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN032139.D
Acq: 21 Jun 2024 19:46

Tgt Ion:112 Resp: 3089
Ion Ratio Lower Upper
112 100
64 51.0 42.4 63.6
63 28.3 22.1 33.1

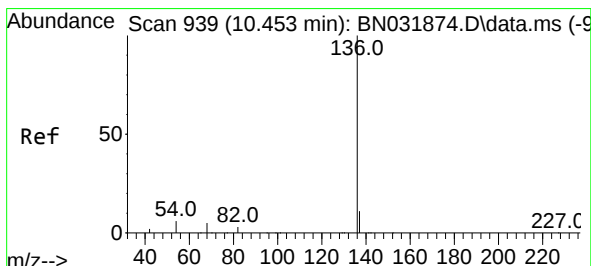
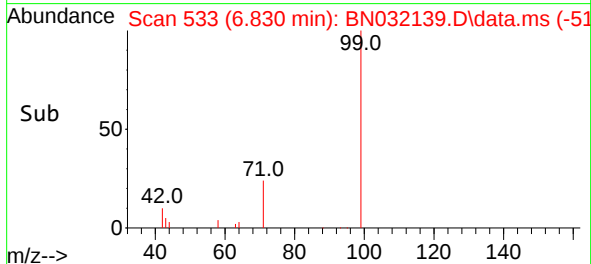
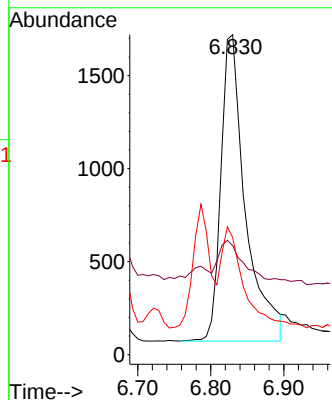
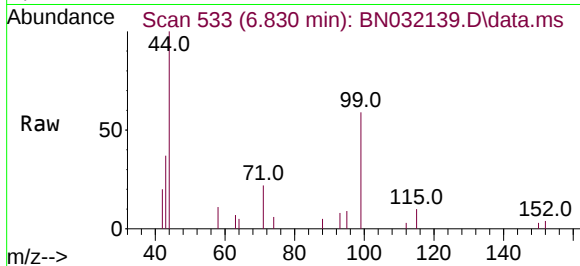




#5
Phenol-d6
Concen: 0.108 ng
RT: 6.830 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN032139.D
Acq: 21 Jun 2024 19:46

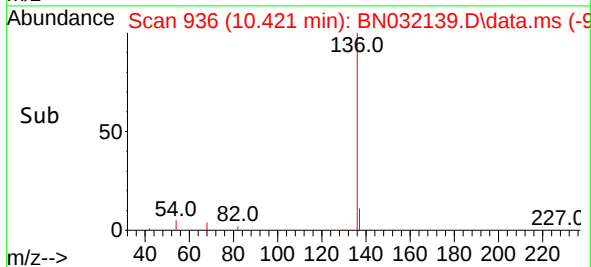
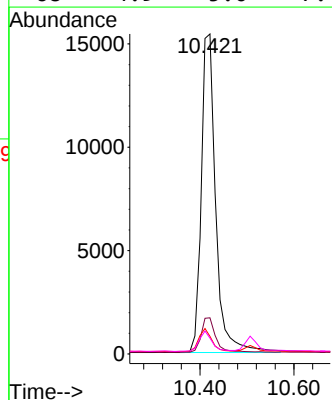
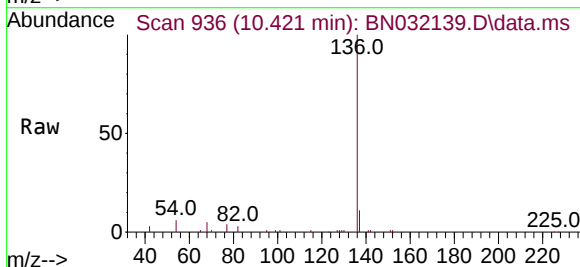
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-600-602

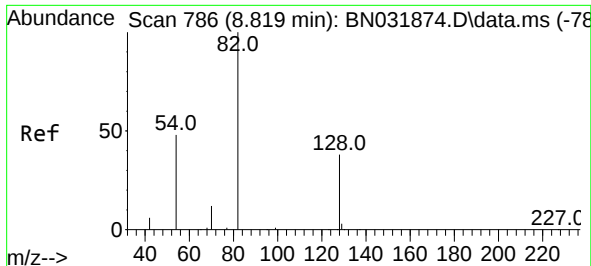
Tgt Ion: 99 Resp: 3837
Ion Ratio Lower Upper
99 100
42 11.7 12.8 19.2#
71 25.3 25.4 38.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN032139.D
Acq: 21 Jun 2024 19:46

Tgt Ion: 136 Resp: 32903
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 5.5 5.6 8.4#
68 4.9 5.0 7.4#

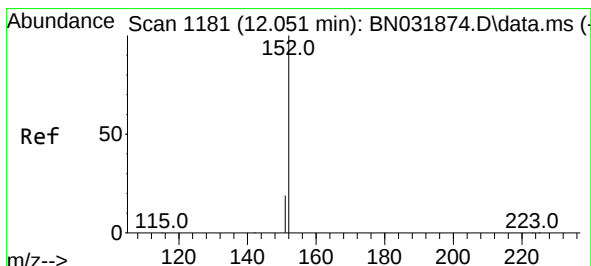
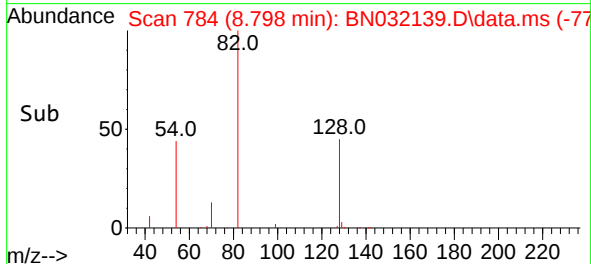
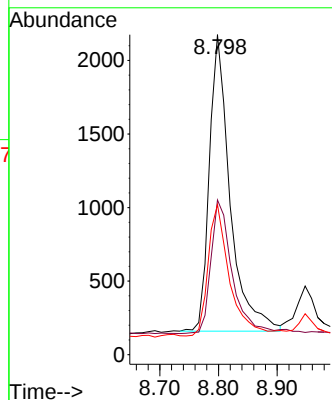
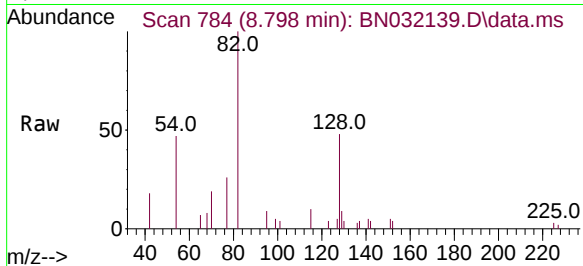




#8
Nitrobenzene-d5
Concen: 0.181 ng
RT: 8.798 min Scan# 786
Delta R.T. 0.000 min
Lab File: BN032139.D
Acq: 21 Jun 2024 19:46

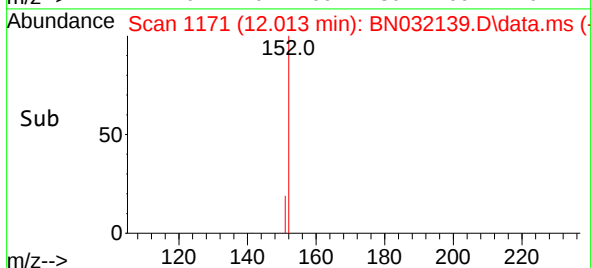
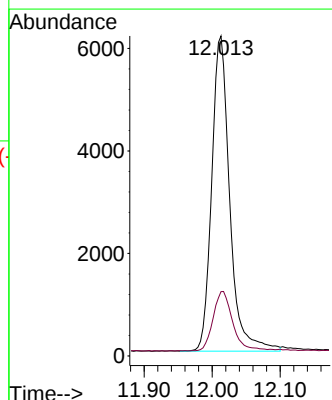
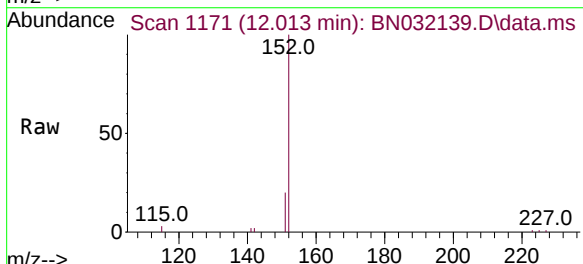
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-600-602

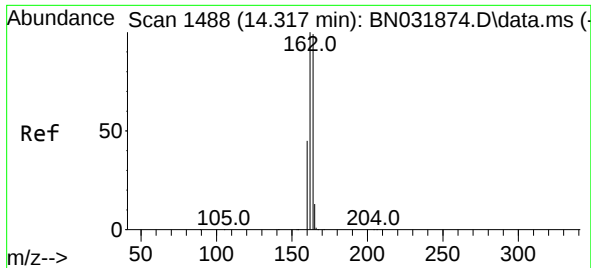
Tgt Ion: 82 Resp: 4947
Ion Ratio Lower Upper
82 100
128 48.4 32.1 48.1#
54 46.9 39.7 59.5



#11
2-Methylnaphthalene-d10
Concen: 0.216 ng
RT: 12.013 min Scan# 1171
Delta R.T. -0.008 min
Lab File: BN032139.D
Acq: 21 Jun 2024 19:46

Tgt Ion: 152 Resp: 11319
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5

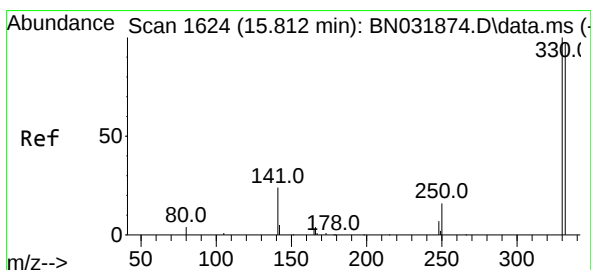
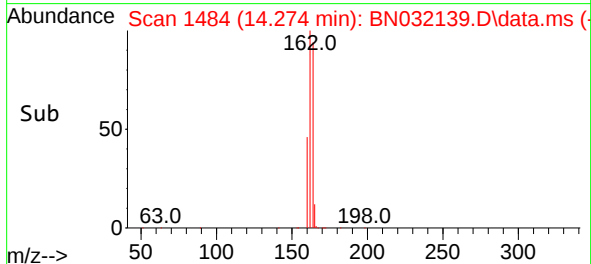
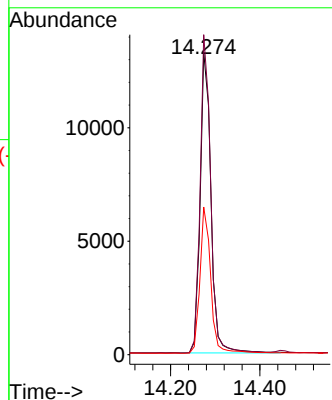
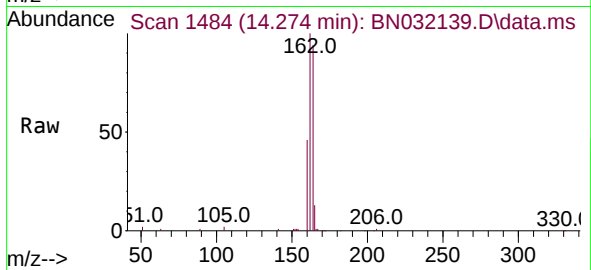




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 1488
Delta R.T. -0.011 min
Lab File: BN032139.D
Acq: 21 Jun 2024 19:46

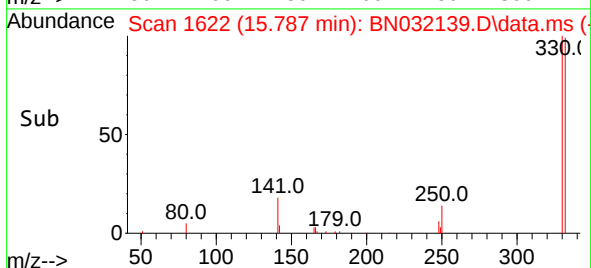
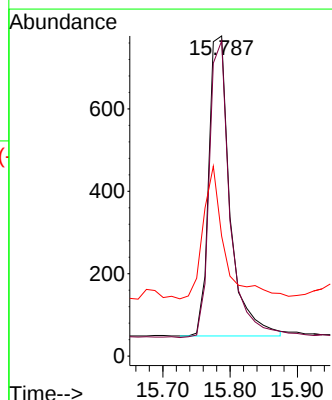
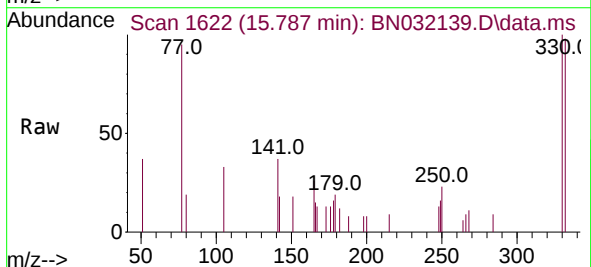
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-600-602

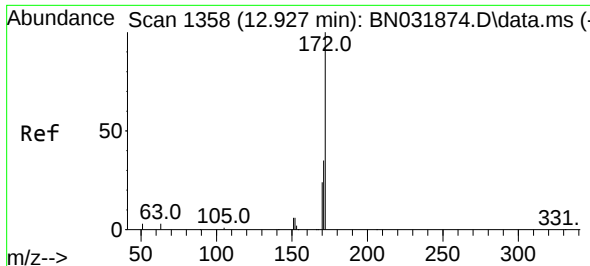
Tgt Ion:164 Resp: 22247
Ion Ratio Lower Upper
164 100
162 105.9 80.7 121.1
160 48.9 36.2 54.4



#14
2,4,6-Tribromophenol
Concen: 0.150 ng
RT: 15.787 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BN032139.D
Acq: 21 Jun 2024 19:46

Tgt Ion:330 Resp: 1601
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 44.2 34.7 52.1

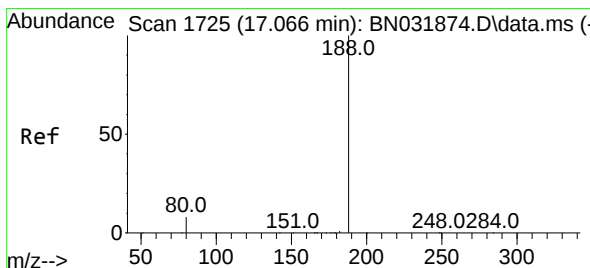
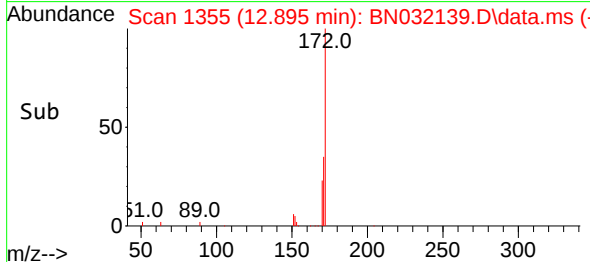
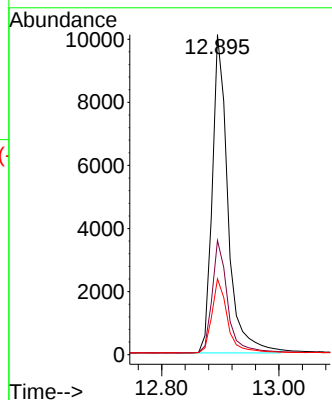
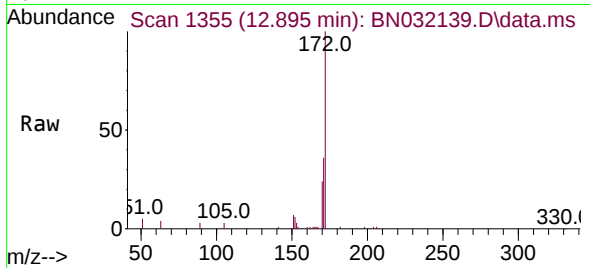




#15
2-Fluorobiphenyl
Concen: 0.222 ng
RT: 12.895 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032139.D
Acq: 21 Jun 2024 19:46

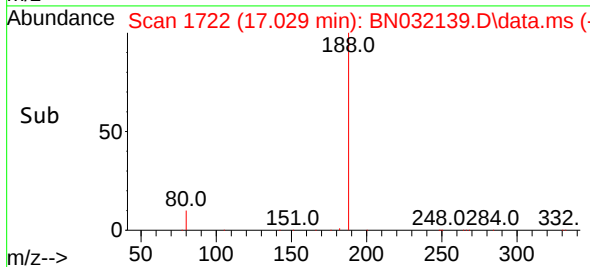
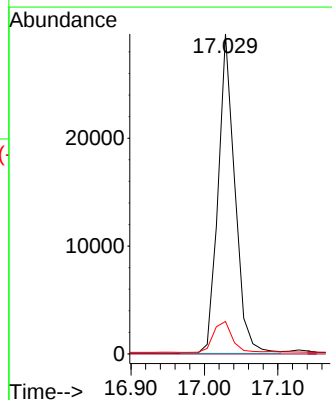
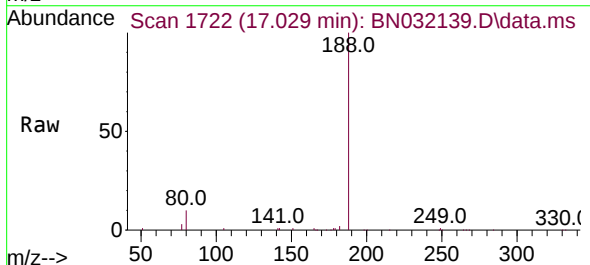
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-600-602

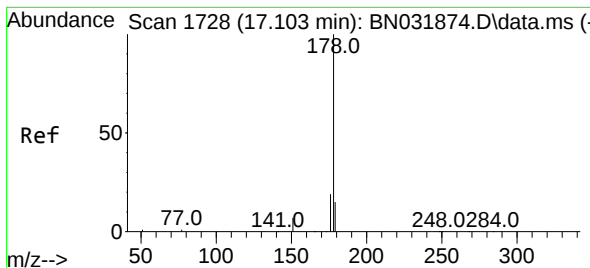
Tgt Ion:172 Resp: 18766
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.7 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BN032139.D
Acq: 21 Jun 2024 19:46

Tgt Ion:188 Resp: 46886
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 6.4 9.6#





#25

Phenanthrene

Concen: 0.025 ng

RT: 17.066 min Scan# 1733

Delta R.T. -0.012 min

Lab File: BN032139.D

Acq: 21 Jun 2024 19:46

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-600-602

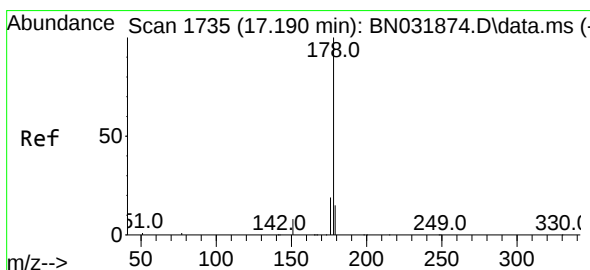
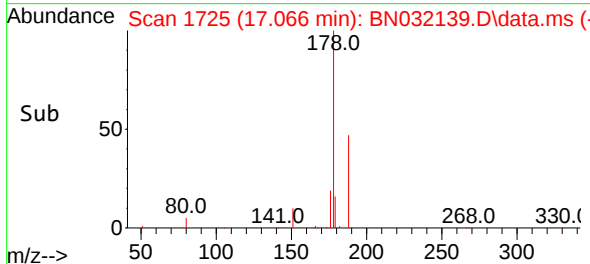
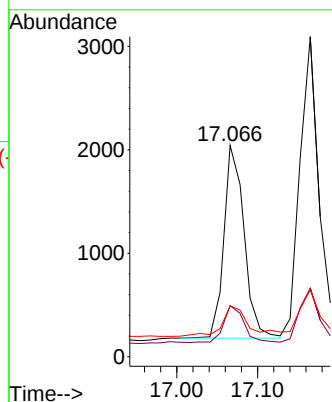
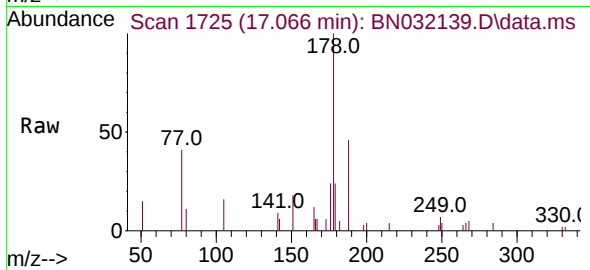
Tgt Ion:178 Resp: 3233

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 20.4 12.2 18.2#



#26

Anthracene

Concen: 0.041 ng

RT: 17.165 min Scan# 1733

Delta R.T. 0.000 min

Lab File: BN032139.D

Acq: 21 Jun 2024 19:46

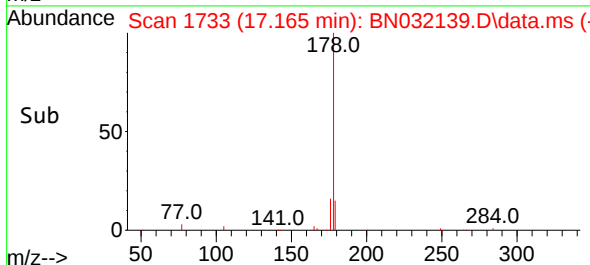
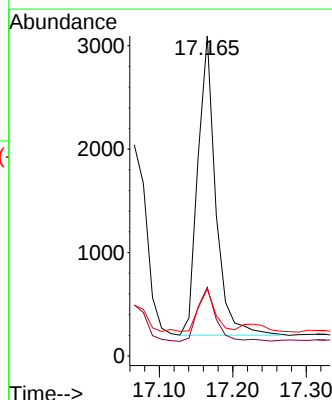
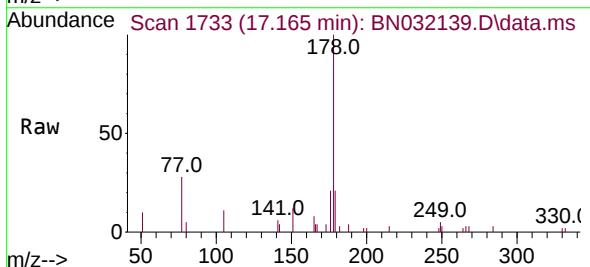
Tgt Ion:178 Resp: 4892

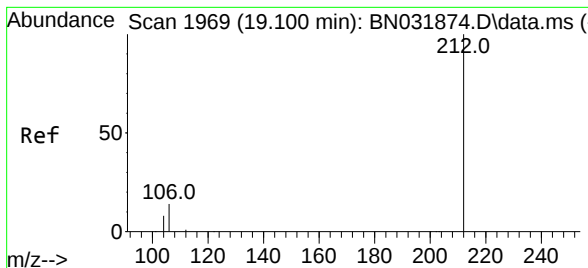
Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

179 12.7 12.2 18.2





#27

Fluoranthene-d10

Concen: 0.224 ng

RT: 19.068 min Scan# 1962

Delta R.T. -0.005 min

Lab File: BN032139.D

Acq: 21 Jun 2024 19:46

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-600-602

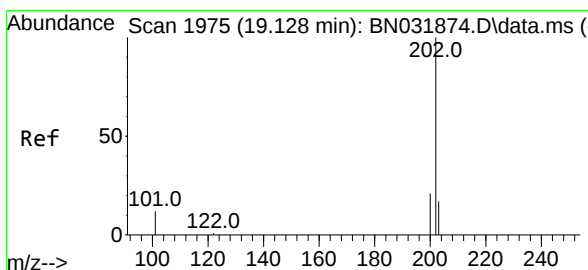
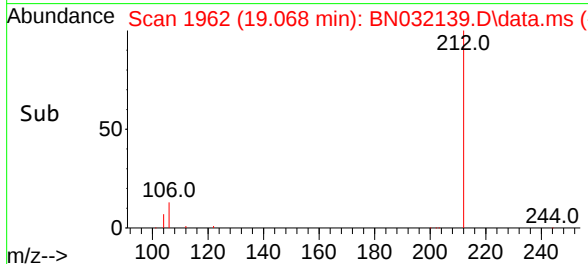
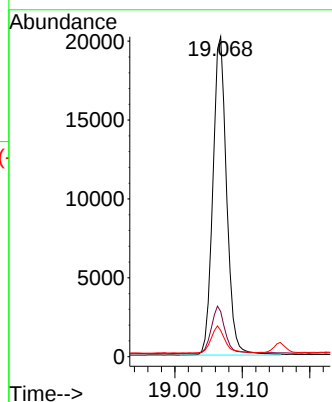
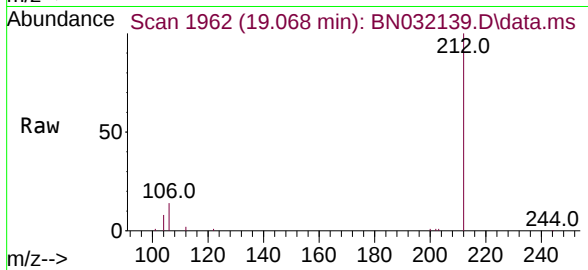
Tgt Ion:212 Resp: 28601

Ion Ratio Lower Upper

212 100

106 14.9 11.8 17.8

104 8.7 6.6 10.0



#28

Fluoranthene

Concen: 0.051 ng

RT: 19.096 min Scan# 1968

Delta R.T. -0.005 min

Lab File: BN032139.D

Acq: 21 Jun 2024 19:46

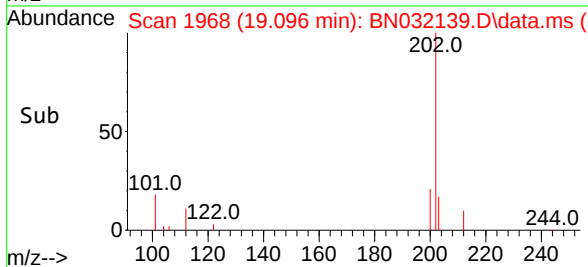
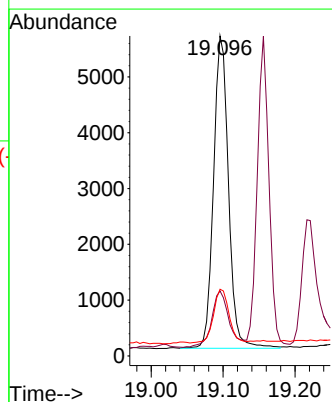
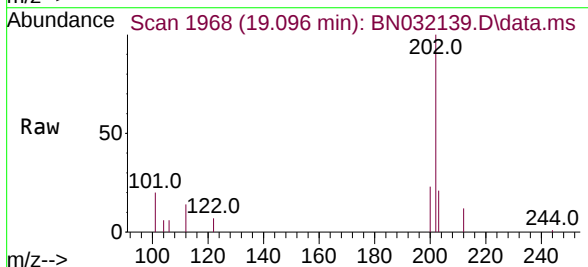
Tgt Ion:202 Resp: 8077

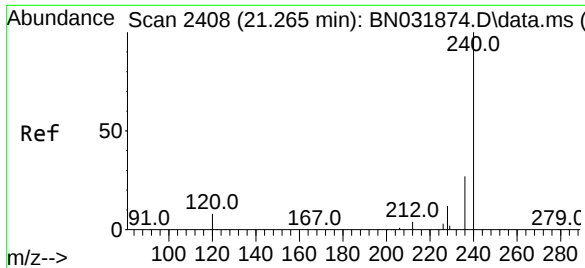
Ion Ratio Lower Upper

202 100

101 20.8 9.8 14.6#

203 17.9 13.7 20.5

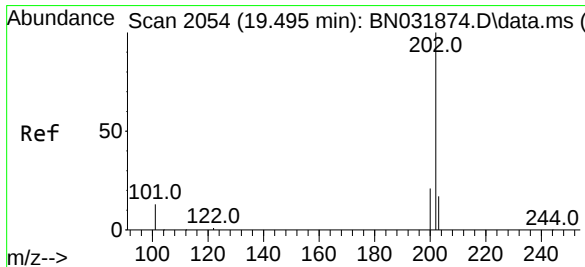
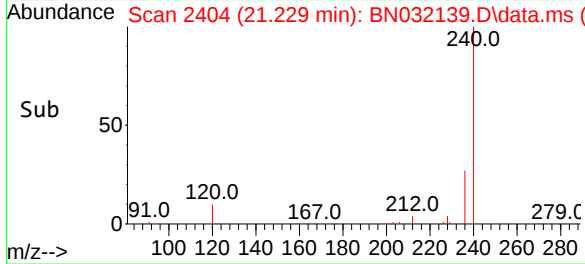
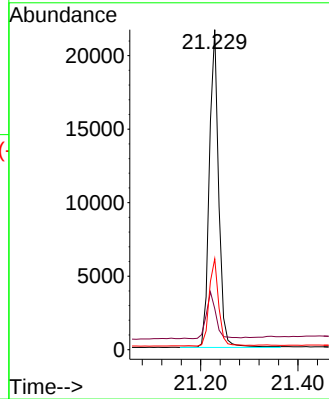
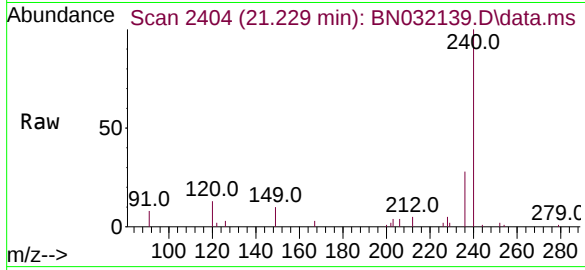




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BN032139.D
Acq: 21 Jun 2024 19:46

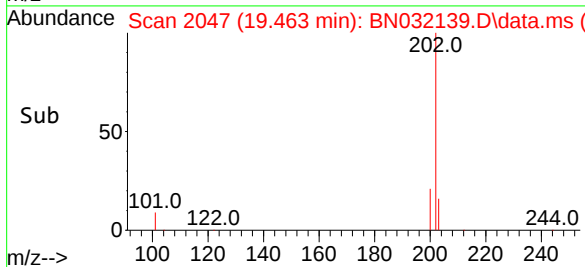
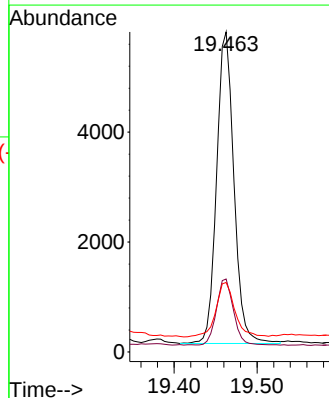
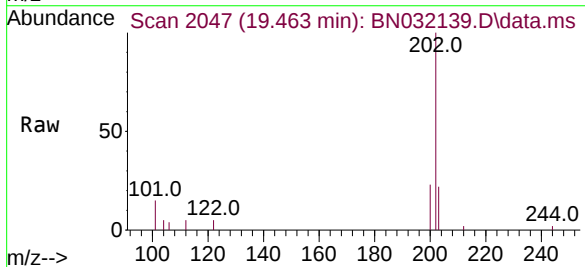
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-600-602

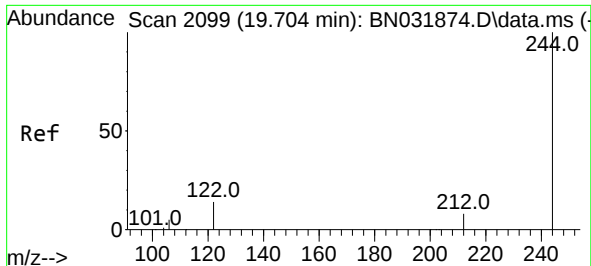
Tgt Ion:240 Resp: 28956
Ion Ratio Lower Upper
240 100
120 12.8 8.2 12.4#
236 28.4 21.8 32.8



#30
Pyrene
Concen: 0.071 ng
RT: 19.463 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BN032139.D
Acq: 21 Jun 2024 19:46

Tgt Ion:202 Resp: 8197
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 19.1 14.3 21.5

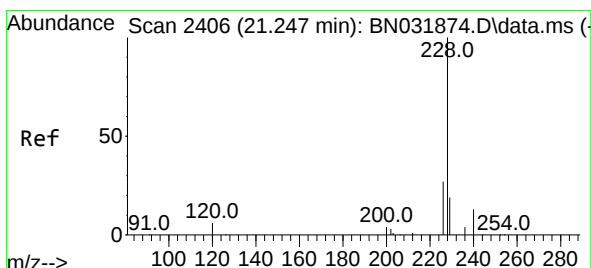
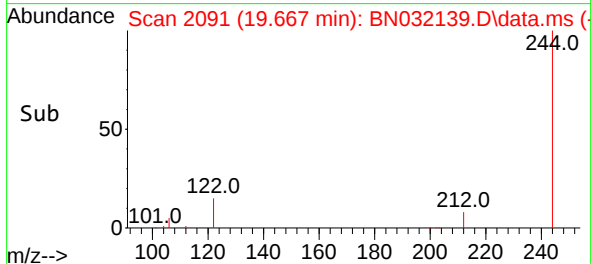
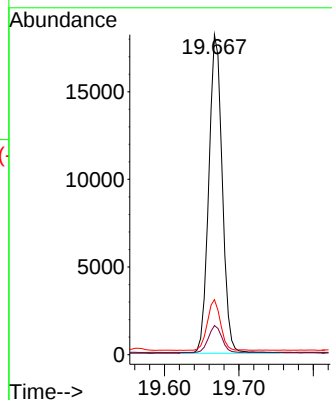
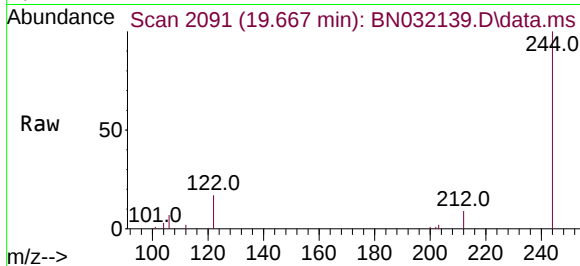




#31
Terphenyl-d14
Concen: 0.322 ng
RT: 19.667 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BN032139.D
Acq: 21 Jun 2024 19:46

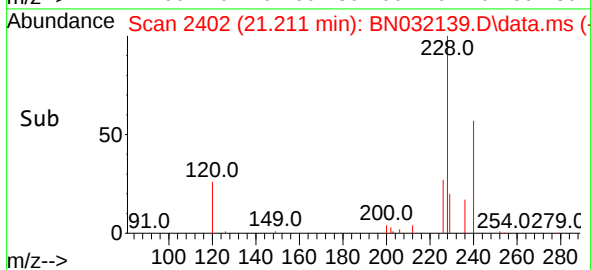
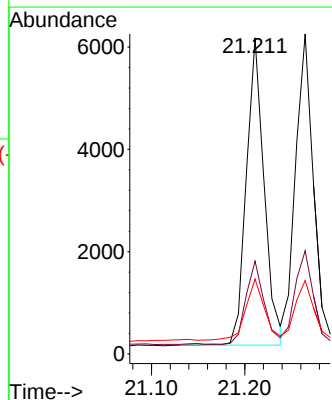
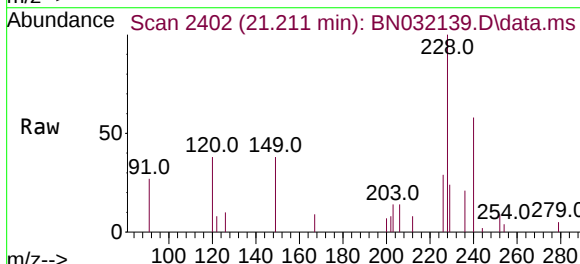
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-600-602

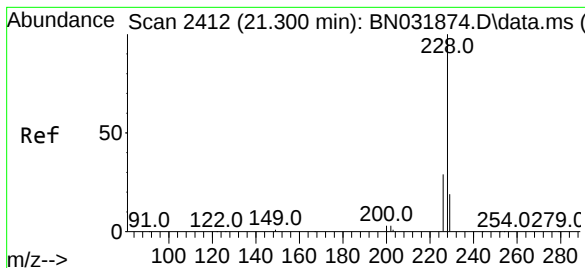
Tgt Ion:244 Resp: 22812
Ion Ratio Lower Upper
244 100
212 9.1 6.5 9.7
122 17.2 11.4 17.0#



#32
Benzo(a)anthracene
Concen: 0.073 ng
RT: 21.211 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BN032139.D
Acq: 21 Jun 2024 19:46

Tgt Ion:228 Resp: 7961
Ion Ratio Lower Upper
228 100
226 29.4 21.8 32.6
229 23.7 15.8 23.8





#33

Chrysene

Concen: 0.077 ng

RT: 21.265 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BN032139.D

Acq: 21 Jun 2024 19:46

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-600-602

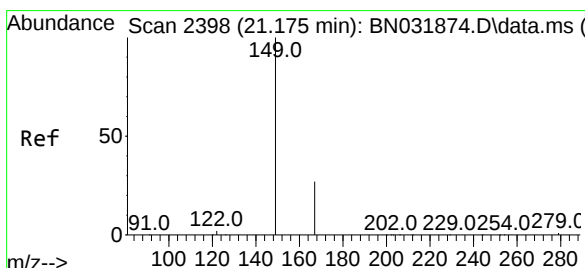
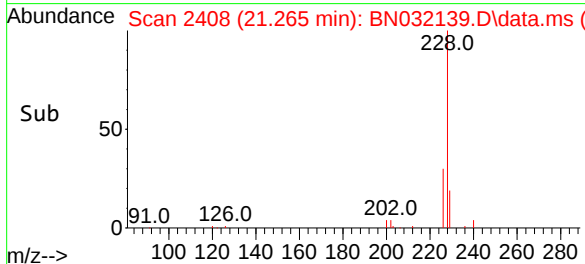
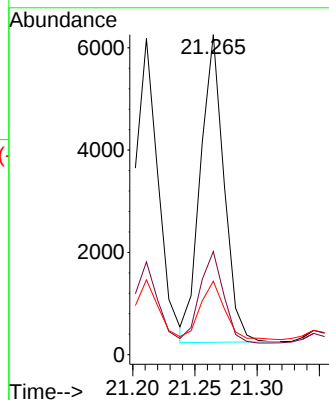
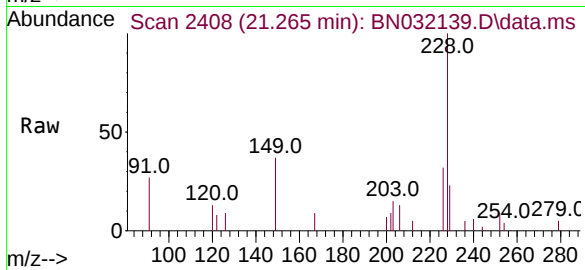
Tgt Ion:228 Resp: 7918

Ion Ratio Lower Upper

228 100

226 32.2 23.6 35.4

229 22.9 15.8 23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.985 ng

RT: 21.139 min Scan# 2394

Delta R.T. -0.009 min

Lab File: BN032139.D

Acq: 21 Jun 2024 19:46

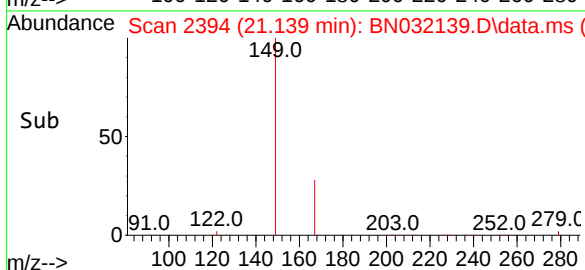
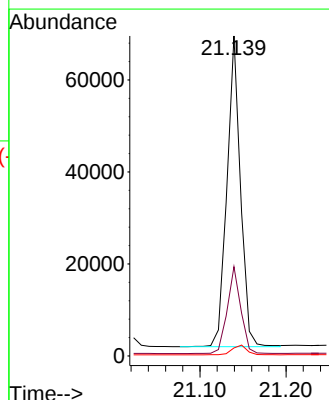
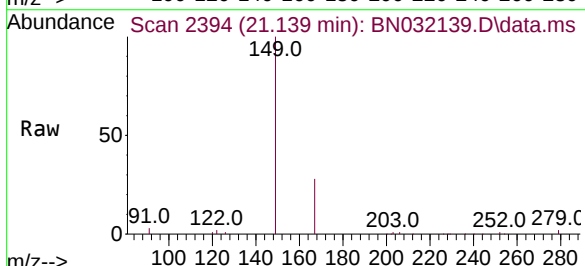
Tgt Ion:149 Resp: 73323

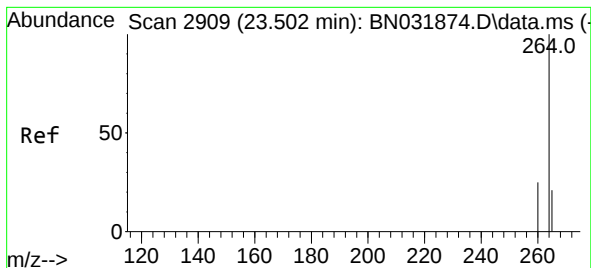
Ion Ratio Lower Upper

149 100

167 27.9 22.5 33.7

279 3.4 2.9 4.3





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.449 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN032139.D

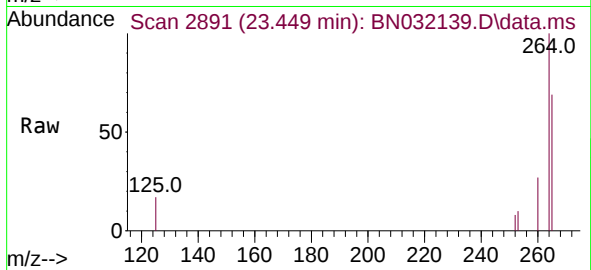
Acq: 21 Jun 2024 19:46

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-600-602



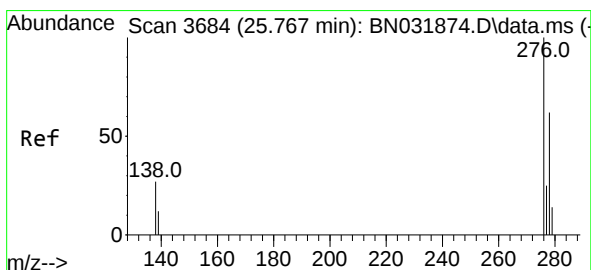
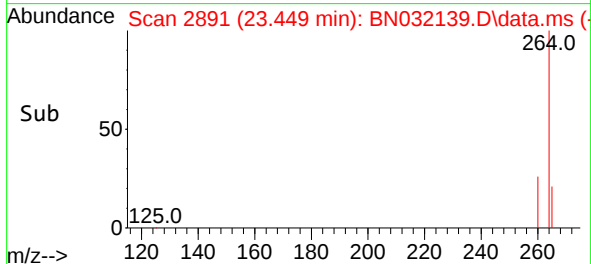
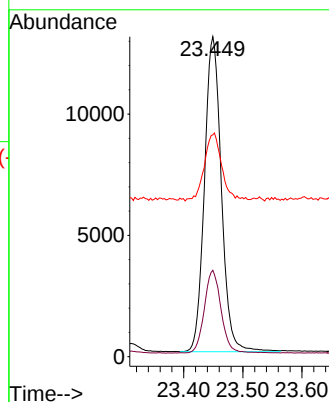
Tgt Ion:264 Resp: 25792

Ion Ratio Lower Upper

264 100

260 27.0 20.5 30.7

265 69.3 39.6 59.4#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.053 ng

RT: 25.697 min Scan# 3660

Delta R.T. 0.003 min

Lab File: BN032139.D

Acq: 21 Jun 2024 19:46

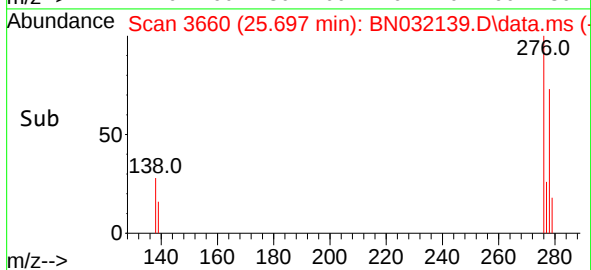
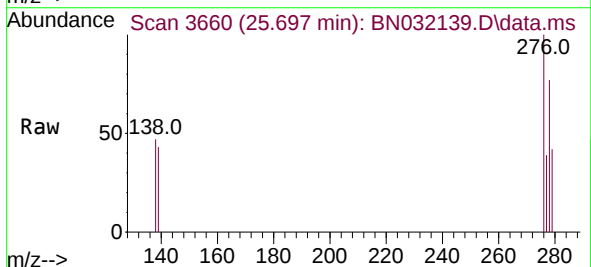
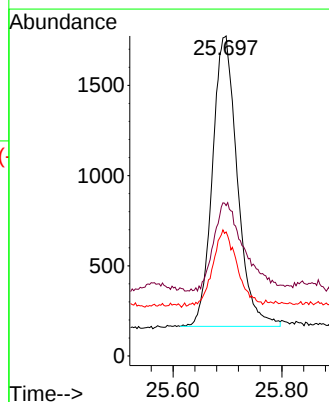
Tgt Ion:276 Resp: 5114

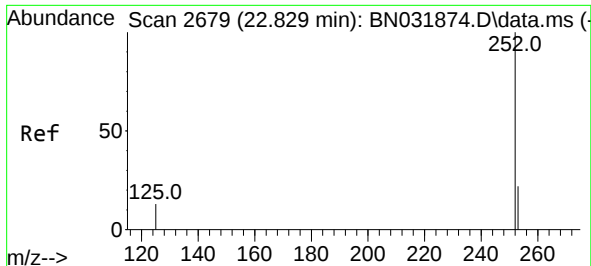
Ion Ratio Lower Upper

276 100

138 37.3 21.5 32.3#

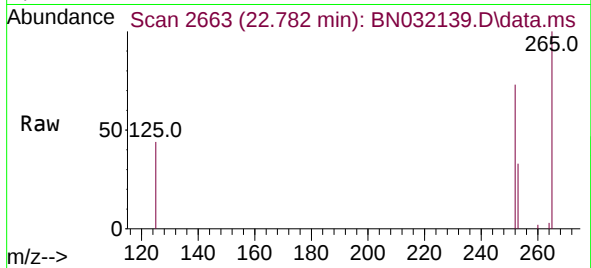
277 24.5 19.8 29.8



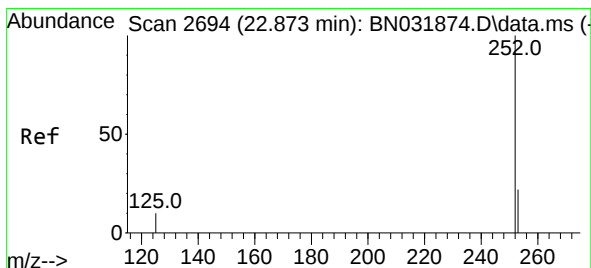
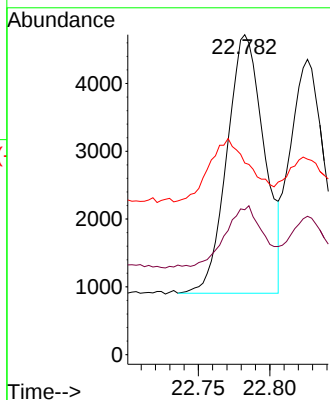


#37
Benzo(b)fluoranthene
Concen: 0.074 ng
RT: 22.782 min Scan# 2663
Delta R.T. -0.003 min
Lab File: BN032139.D
Acq: 21 Jun 2024 19:46

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-600-602

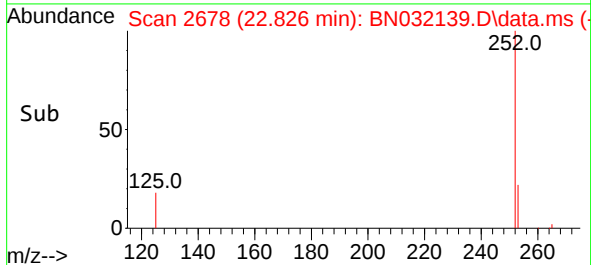
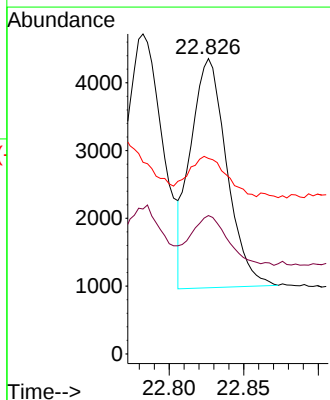
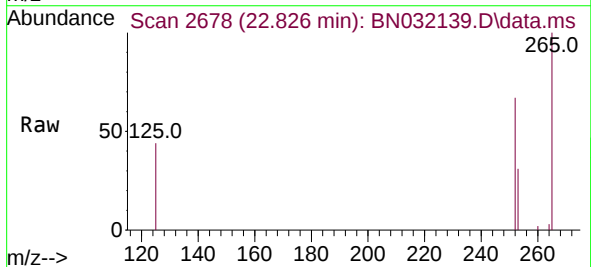


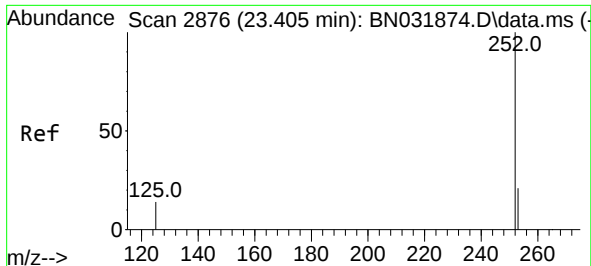
Tgt Ion:252 Resp: 6918
Ion Ratio Lower Upper
252 100
253 45.3 20.2 30.2#
125 59.9 14.2 21.4#



#38
Benzo(k)fluoranthene
Concen: 0.064 ng
RT: 22.826 min Scan# 2678
Delta R.T. -0.003 min
Lab File: BN032139.D
Acq: 21 Jun 2024 19:46

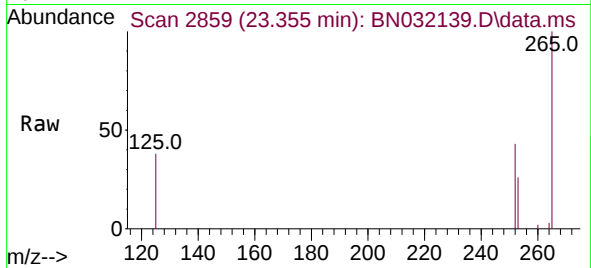
Tgt Ion:252 Resp: 5709
Ion Ratio Lower Upper
252 100
253 46.9 19.9 29.9#
125 66.2 13.0 19.4#



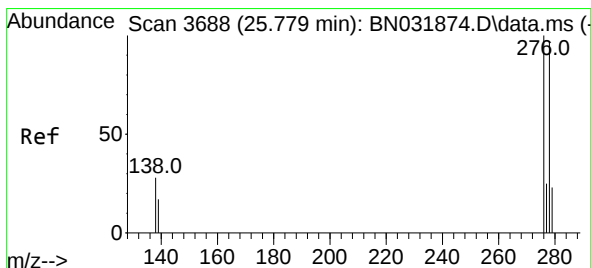
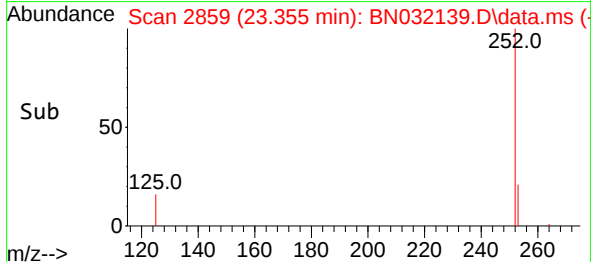
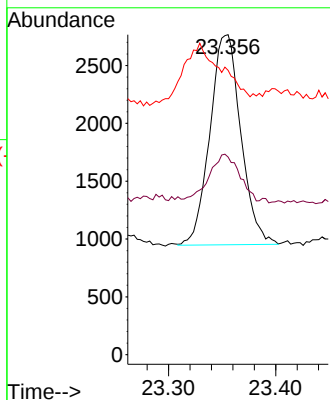


#39
Benzo(a)pyrene
Concen: 0.045 ng
RT: 23.355 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN032139.D
Acq: 21 Jun 2024 19:46

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-600-602

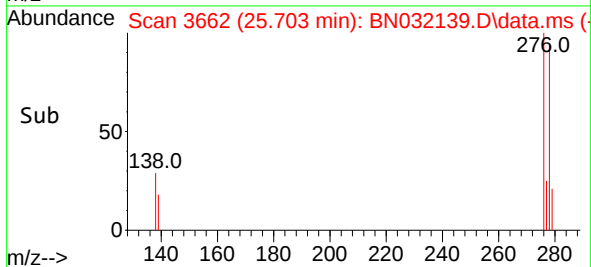
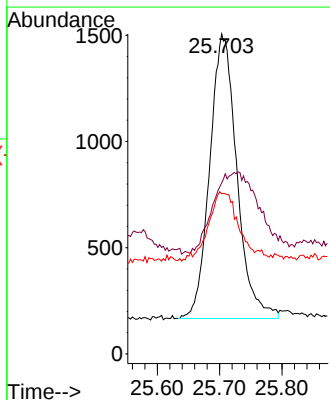
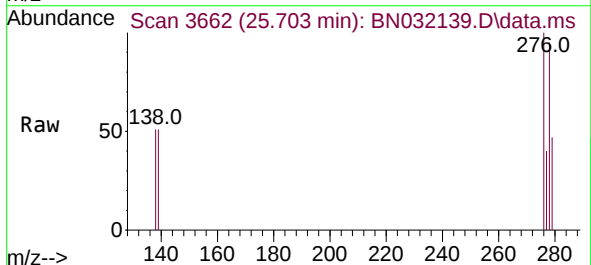


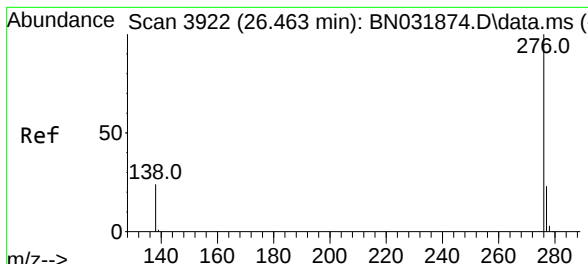
Tgt Ion:252 Resp: 3648
Ion Ratio Lower Upper
252 100
253 61.8 20.5 30.7#
125 88.8 16.4 24.6#



#40
Dibenzo(a,h)anthracene
Concen: 0.053 ng
RT: 25.703 min Scan# 3662
Delta R.T. -0.003 min
Lab File: BN032139.D
Acq: 21 Jun 2024 19:46

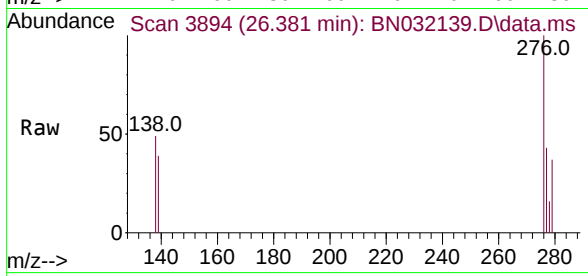
Tgt Ion:278 Resp: 4051
Ion Ratio Lower Upper
278 100
139 53.5 17.0 25.4#
279 50.1 21.4 32.0#





#41
Benzo(g,h,i)perylene
Concen: 0.044 ng
RT: 26.381 min Scan# 31
Delta R.T. 0.003 min
Lab File: BN032139.D
Acq: 21 Jun 2024 19:46

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-600-602



Tgt Ion:	276	Resp:	3613
Ion	Ratio	Lower	Upper
276	100		
277	42.5	20.2	30.2#
138	49.1	20.6	31.0#

