

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)

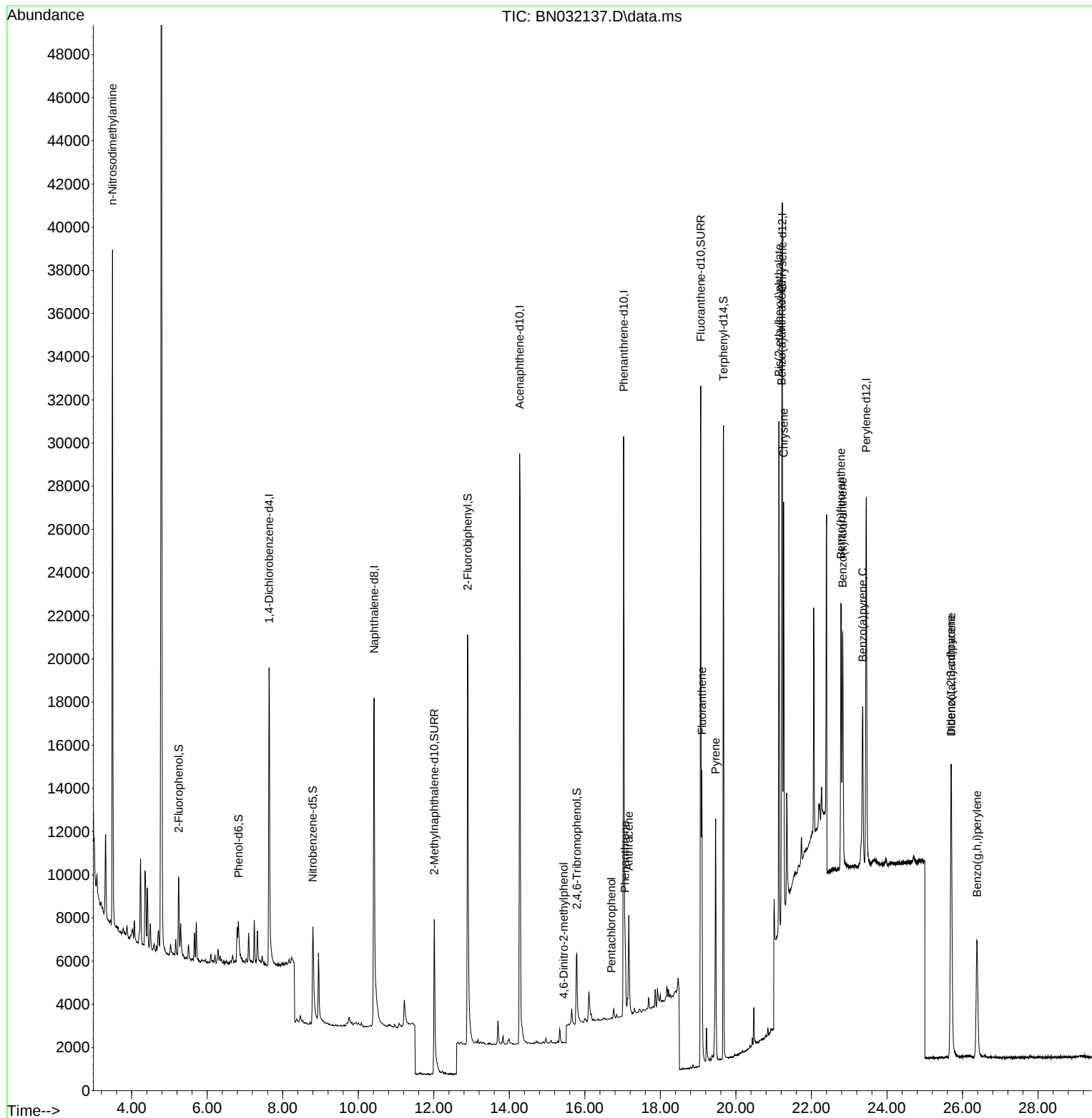
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	8113	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	27969	0.400	ng	0.00
13) Acenaphthene-d10	14.274	164	18831	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	39752	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	26391	0.400	ng	# 0.00
35) Perylene-d12	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						
3) n-Nitrosodimethylamine	3.493	42	2020	0.214	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.439	198	4	0.175	ng	# 1
24) Pentachlorophenol	16.706	266	68	0.175	ng	89
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

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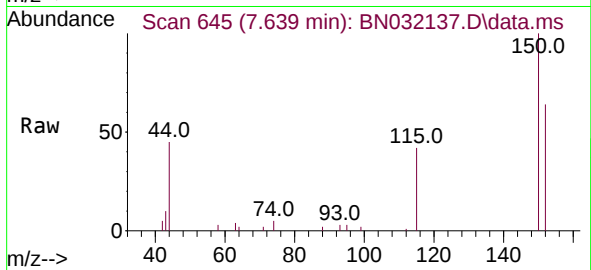
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
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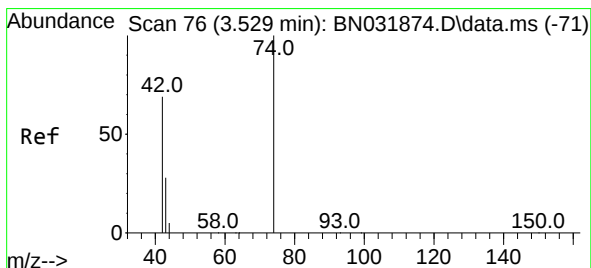
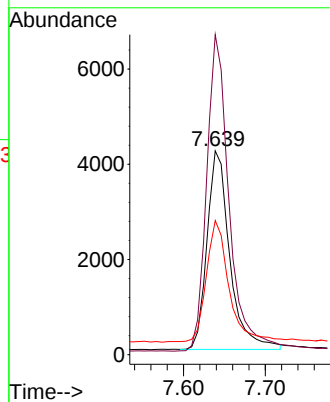
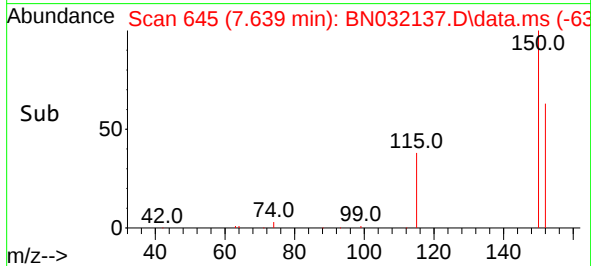


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.639 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

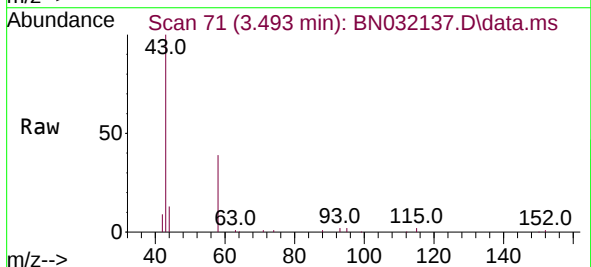
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240618



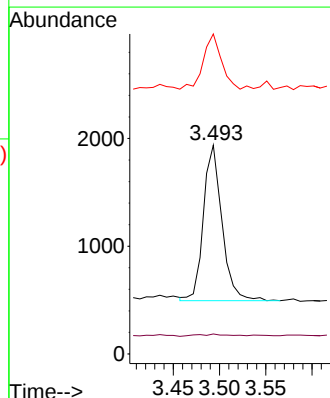
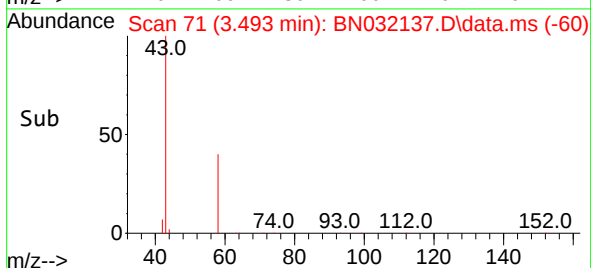
Tgt Ion:152 Resp: 8113
Ion Ratio Lower Upper
152 100
150 157.0 121.0 181.4
115 65.8 49.4 74.0



#3
n-Nitrosodimethylamine
Concen: 0.214 ng
RT: 3.493 min Scan# 71
Delta R.T. -0.022 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34



Tgt Ion: 42 Resp: 2020
Ion Ratio Lower Upper
42 100
74 1.0 125.2 187.8#
44 35.3 6.9 10.3#

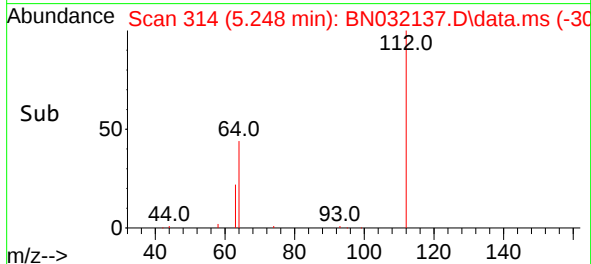
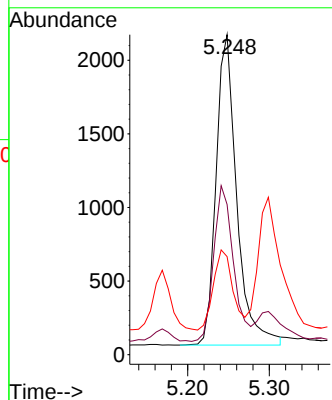
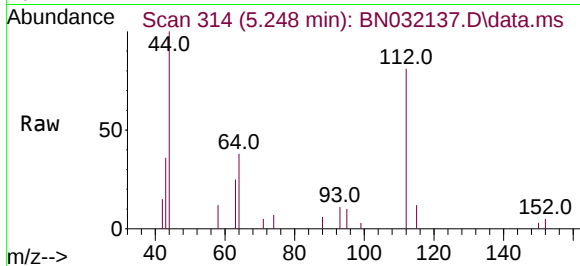




#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.248 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

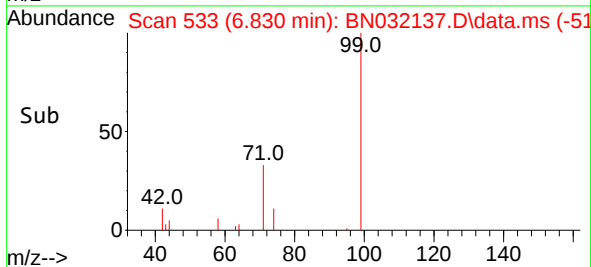
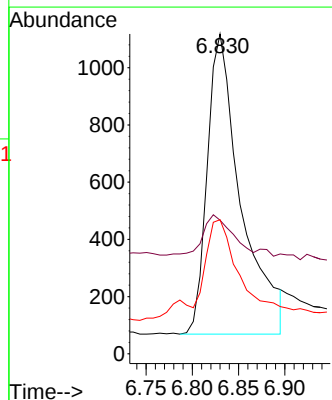
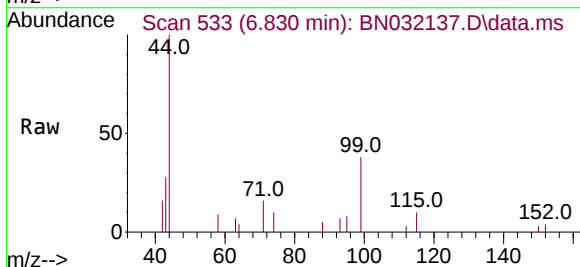
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240618

Tgt Ion: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# 533
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

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

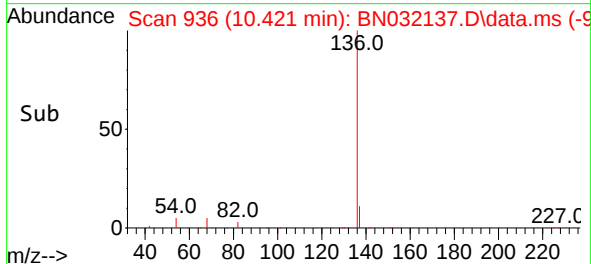
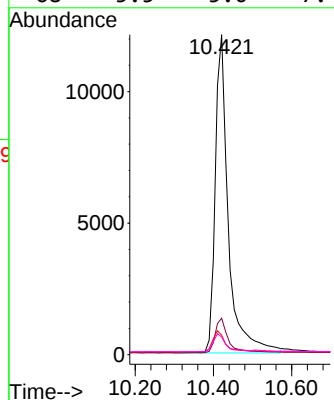
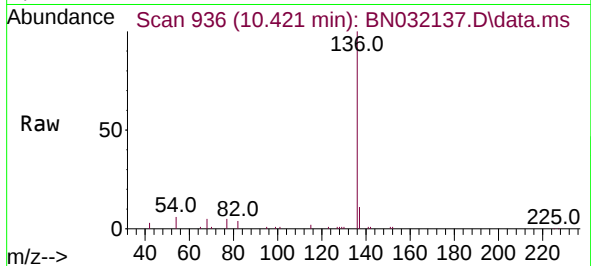




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

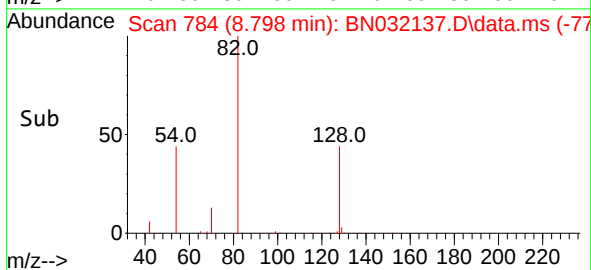
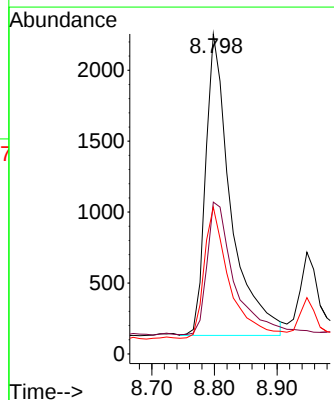
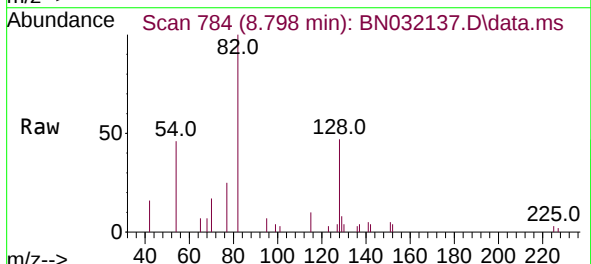
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240618

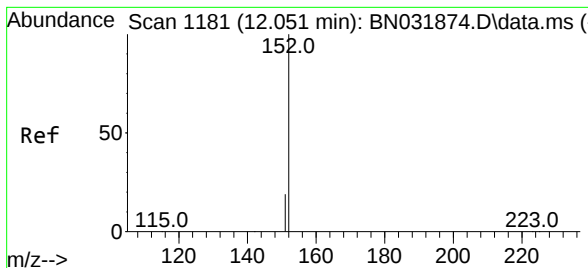
Tgt Ion:	136	Resp:	27969
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.1	5.6	8.4
68	5.5	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.255 ng
RT: 8.798 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

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

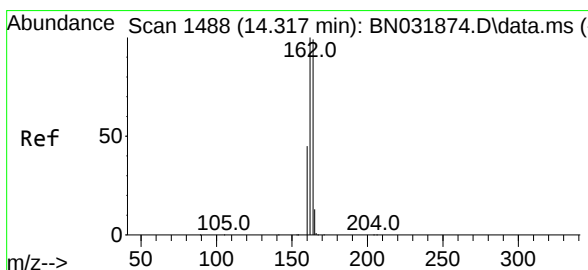
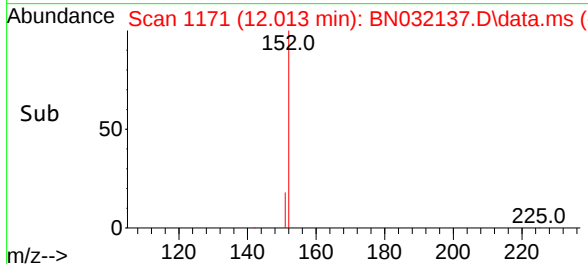
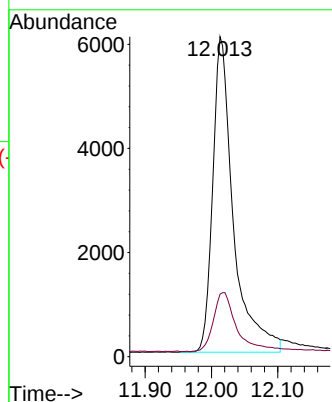
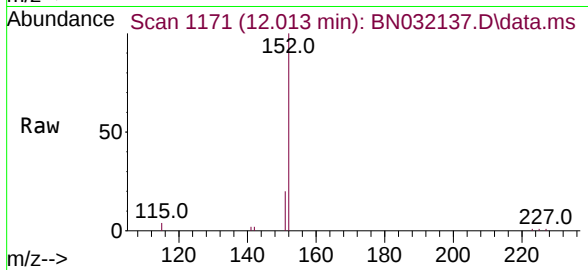




#11
2-Methylnaphthalene-d10
Concen: 0.294 ng
RT: 12.013 min Scan# 1181
Delta R.T. -0.008 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

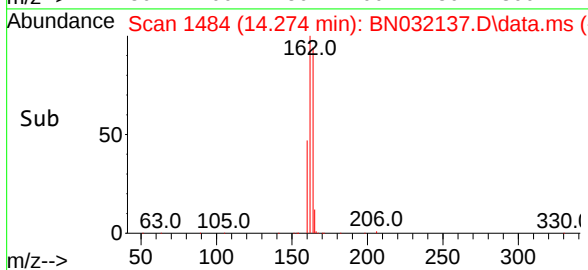
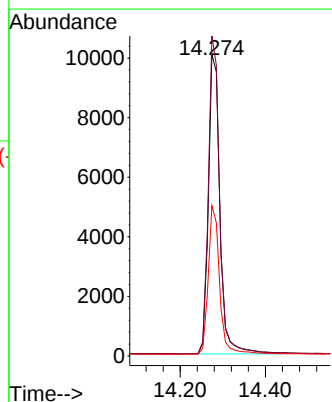
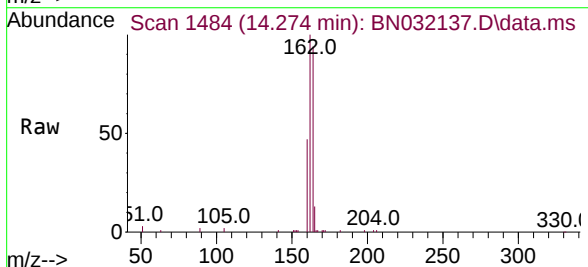
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240618

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# 1484
Delta R.T. -0.011 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

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

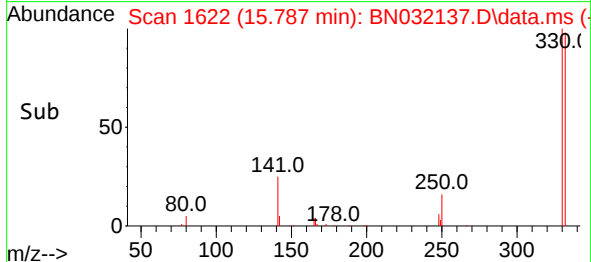
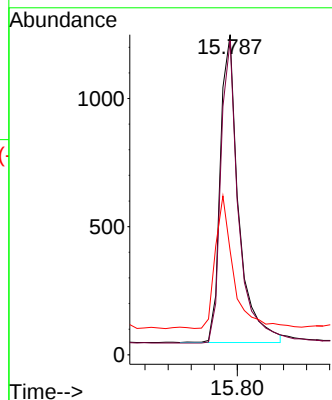
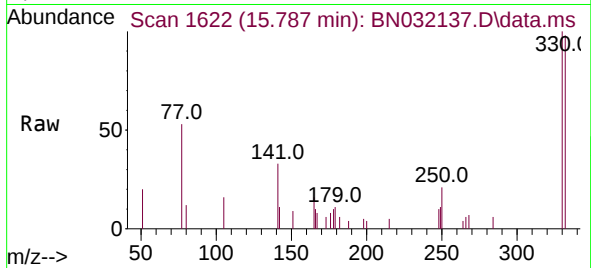




#14
2,4,6-Tribromophenol
Concen: 0.294 ng
RT: 15.787 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

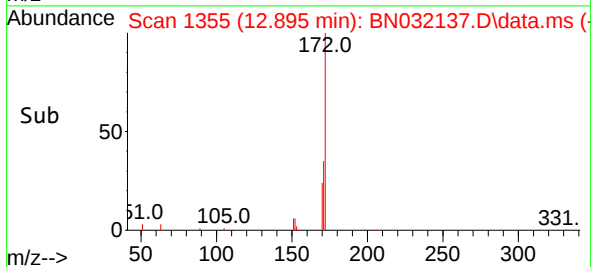
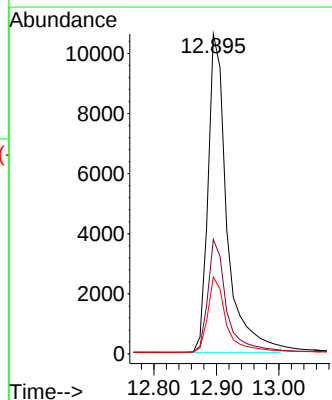
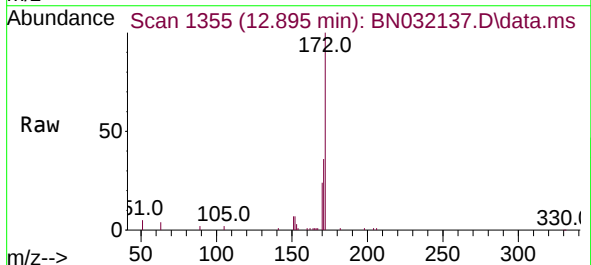
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ClientSampleId :
BP-VPB-196-EB-20240618

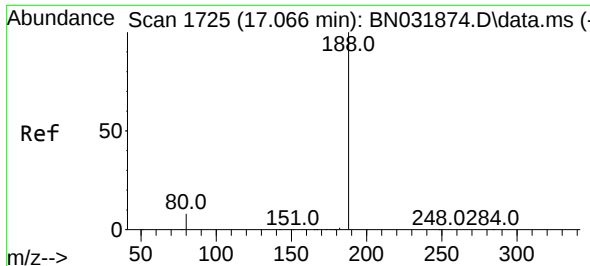
Tgt Ion:330 Resp: 2655
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 41.9 34.7 52.1



#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.895 min Scan# 1355
Delta R.T. -0.011 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

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

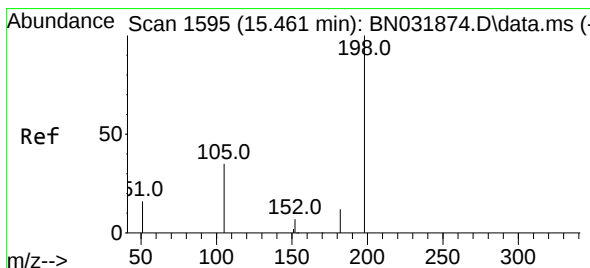
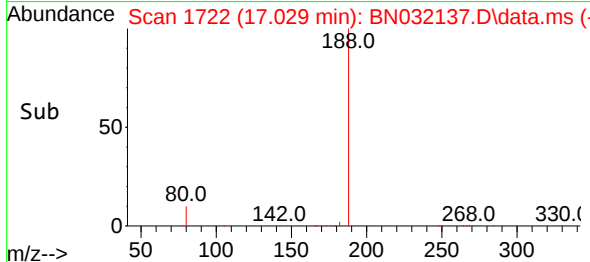
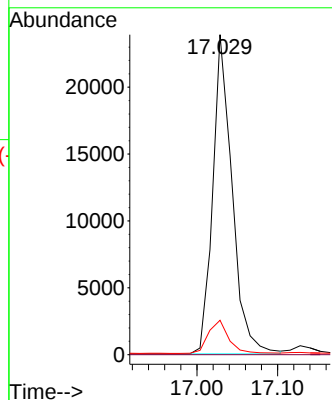
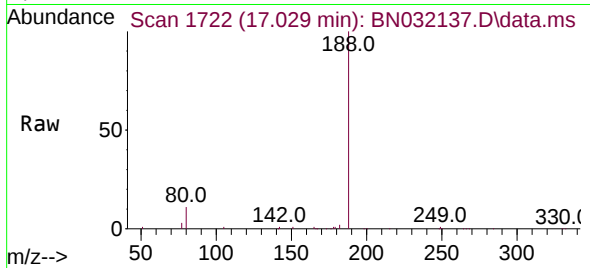




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

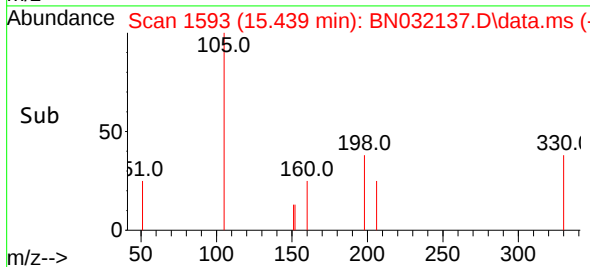
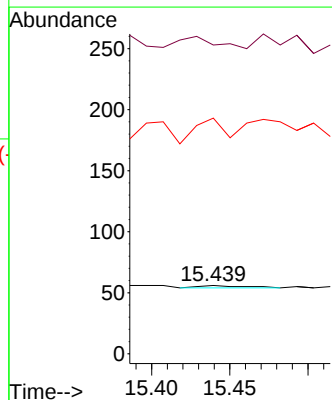
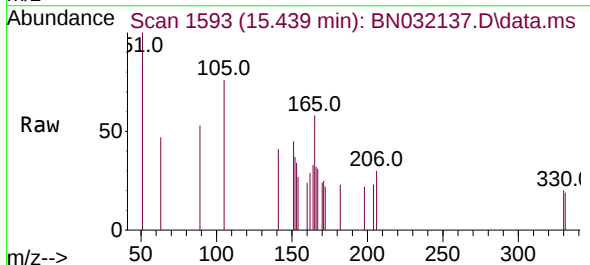
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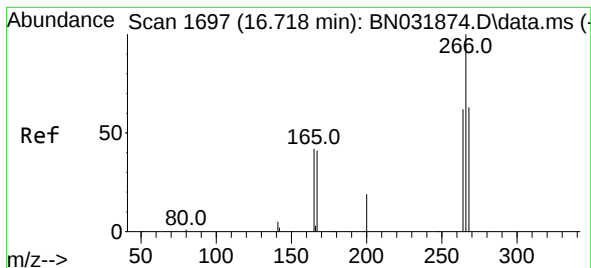
Tgt Ion:188 Resp: 39752
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 6.4 9.6#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.175 ng
RT: 15.439 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 451.8 42.7 64.1#
105 344.6 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.175 ng

RT: 16.706 min Scan# 1696

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

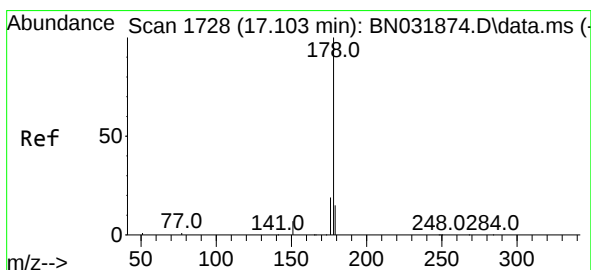
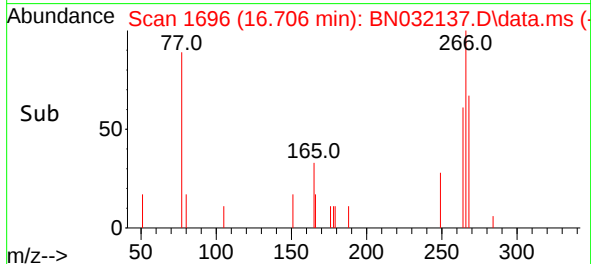
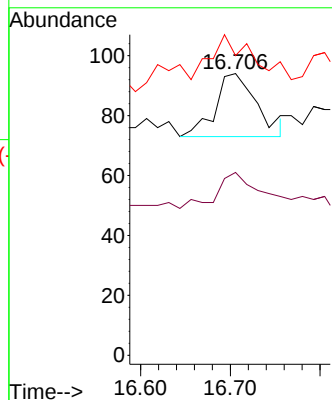
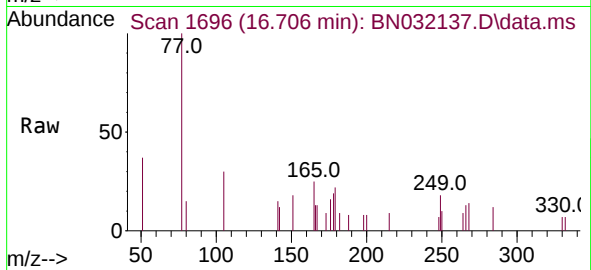
Tgt Ion:266 Resp: 68

Ion Ratio Lower Upper

266 100

264 50.0 50.0 75.0

268 69.1 51.0 76.6



#25

Phenanthrene

Concen: 0.026 ng

RT: 17.066 min Scan# 1725

Delta R.T. -0.012 min

Lab File: BN032137.D

Acq: 21 Jun 2024 18:34

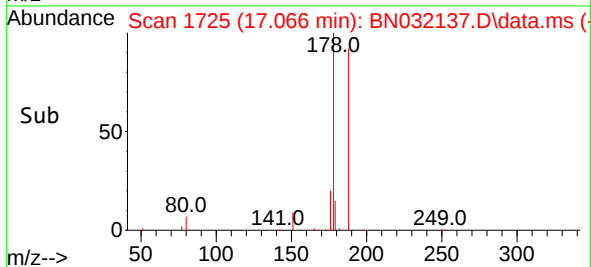
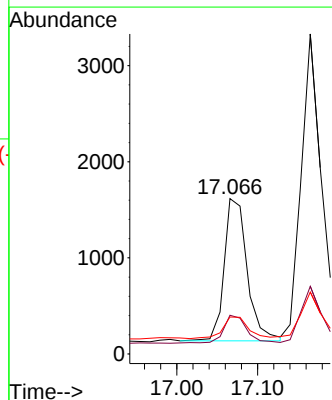
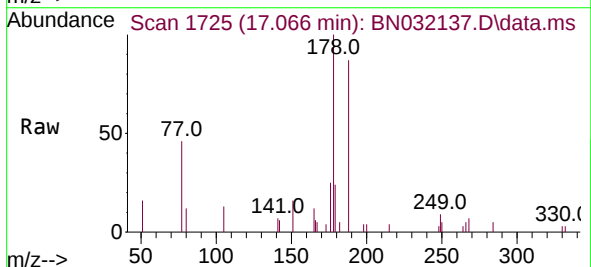
Tgt Ion:178 Resp: 2919

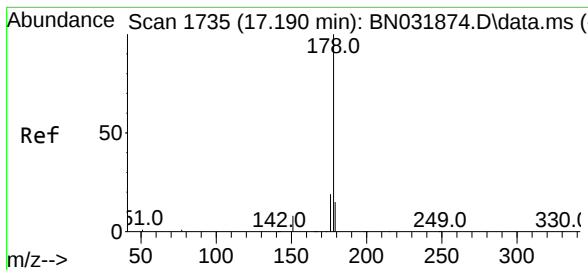
Ion Ratio Lower Upper

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

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-EB-20240618

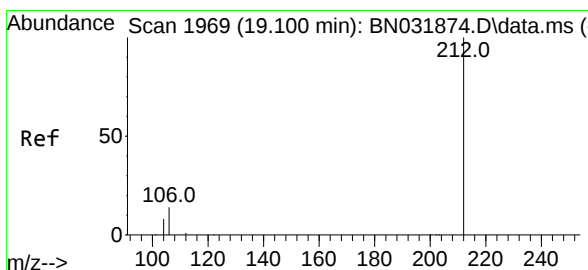
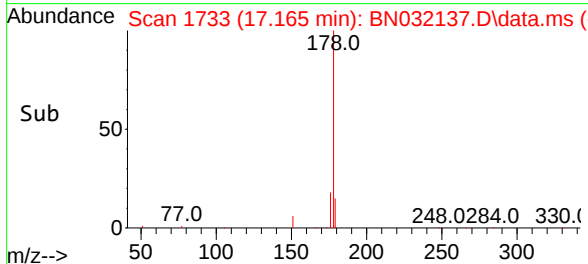
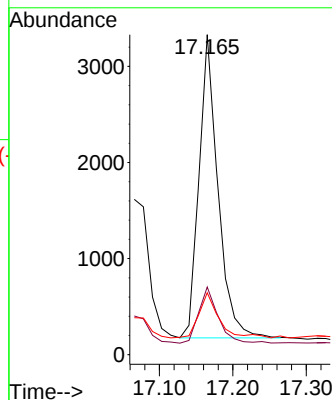
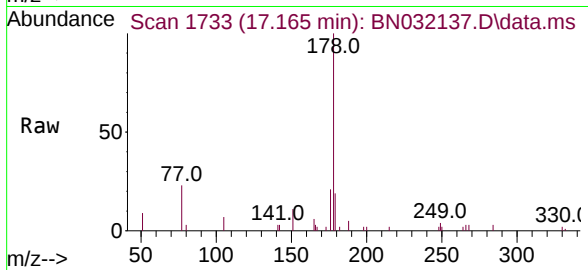
Tgt Ion:178 Resp: 5655

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

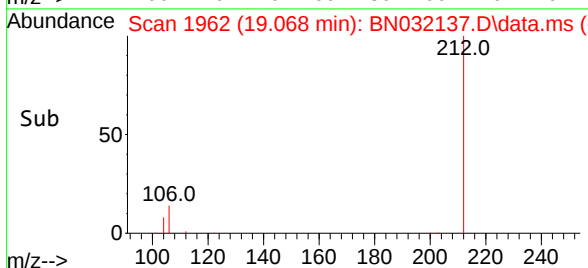
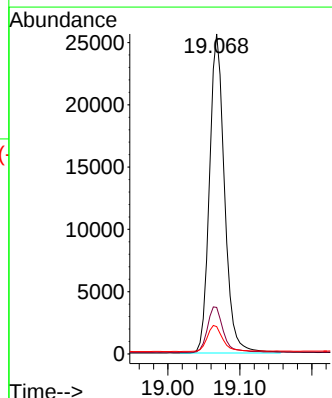
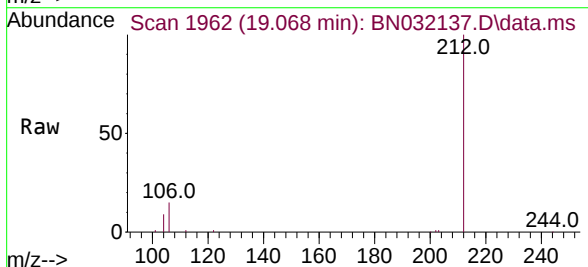
Tgt Ion:212 Resp: 37056

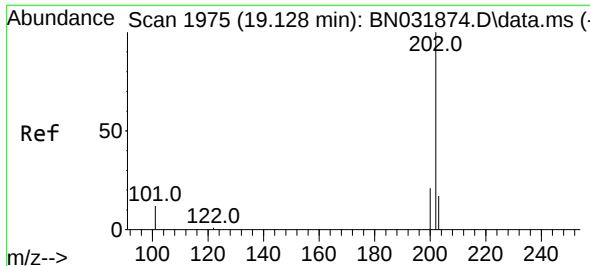
Ion Ratio Lower Upper

212 100

106 15.1 11.8 17.8

104 8.5 6.6 10.0

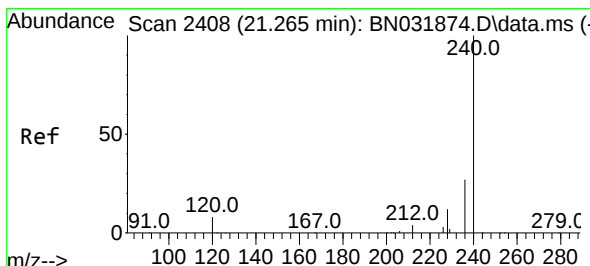
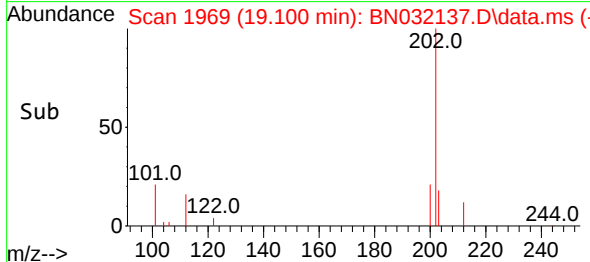
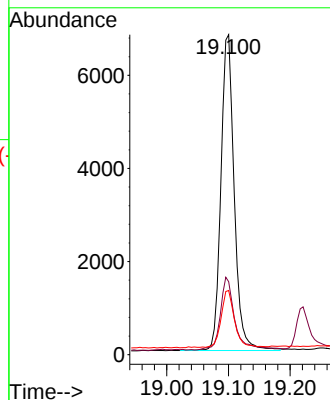
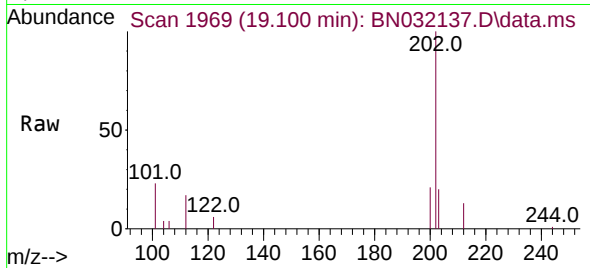




#28
Fluoranthene
Concen: 0.076 ng
RT: 19.100 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

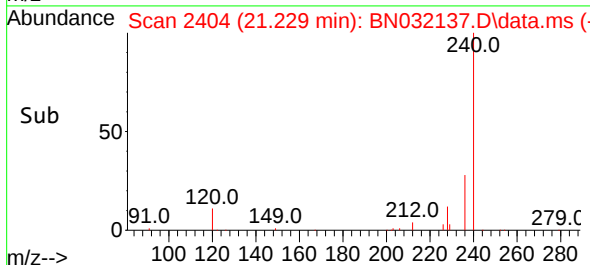
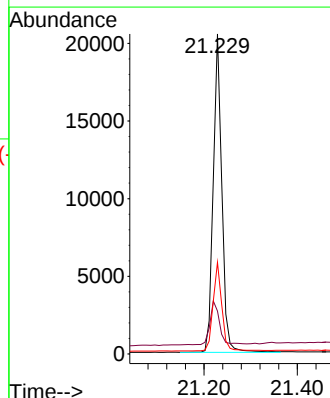
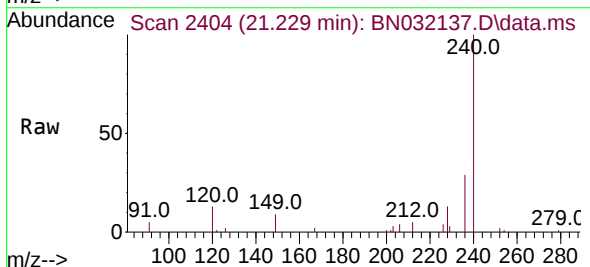
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240618

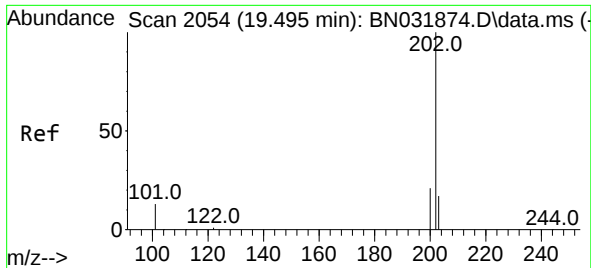
Tgt Ion:202 Resp: 10216
Ion Ratio Lower Upper
202 100
101 24.9 9.8 14.6#
203 17.9 13.7 20.5



#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

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

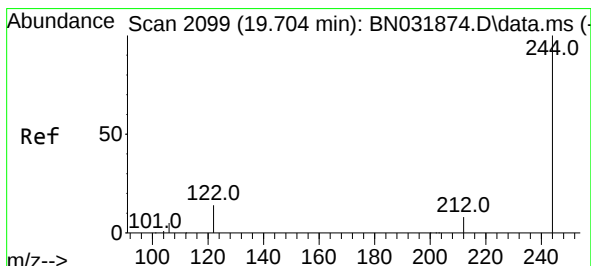
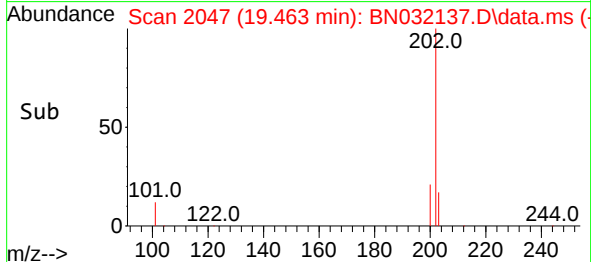
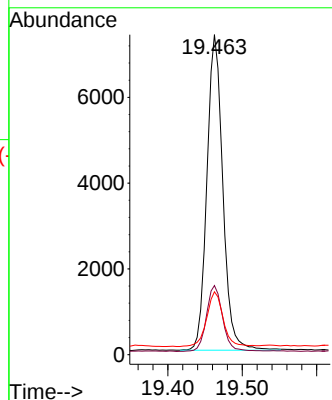
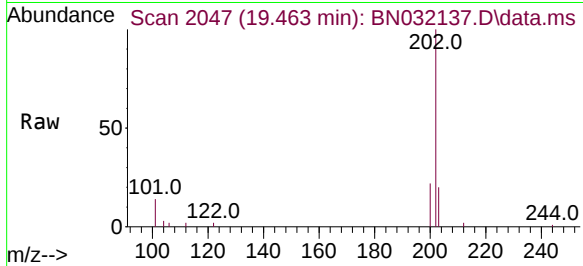




#30
Pyrene
Concen: 0.104 ng
RT: 19.463 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

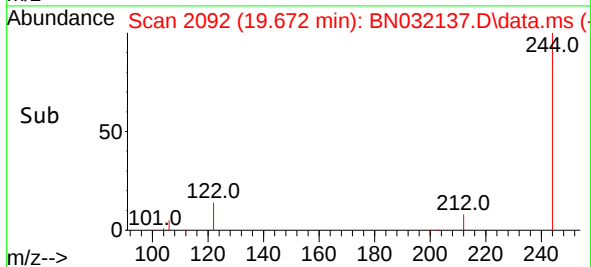
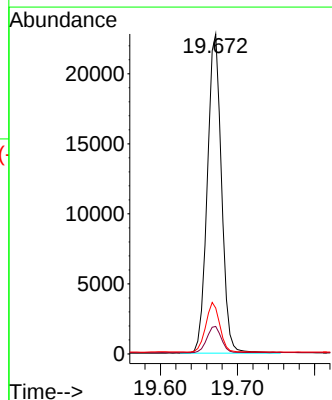
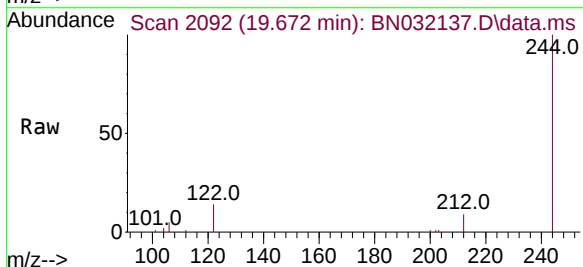
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240618

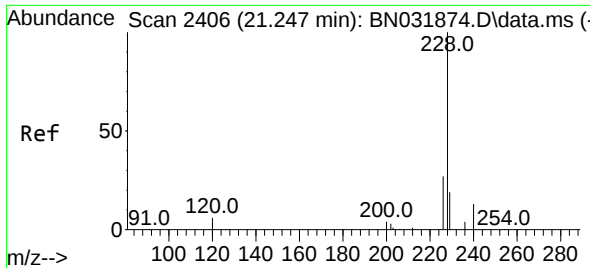
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	18.1	14.3	21.5



#31
Terphenyl-d14
Concen: 0.452 ng
RT: 19.672 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	14.3	11.4	17.0

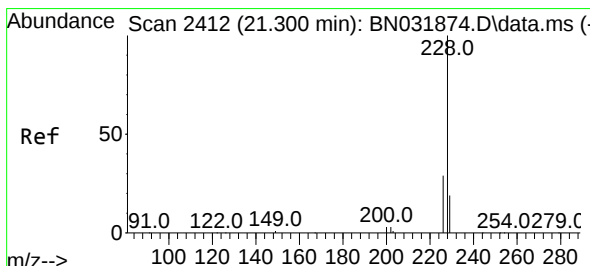
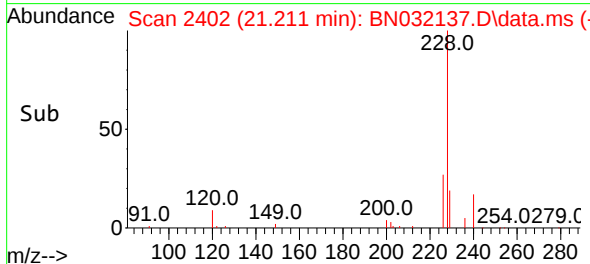
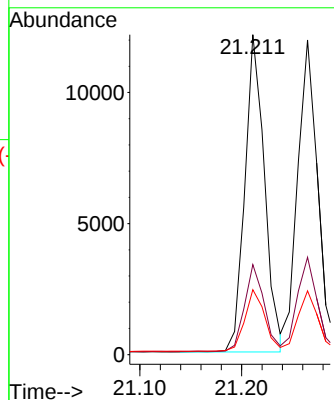
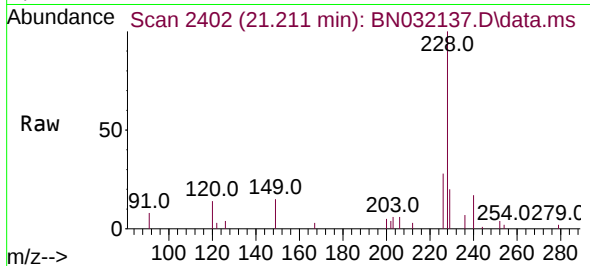




#32
Benzo(a)anthracene
Concen: 0.163 ng
RT: 21.211 min Scan# 2402
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

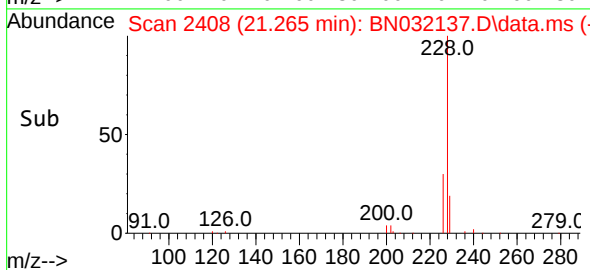
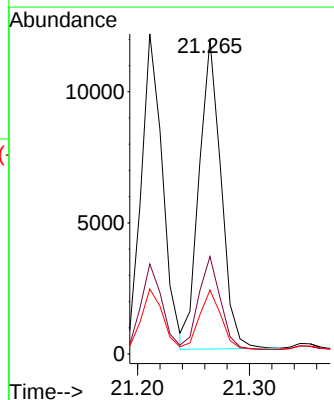
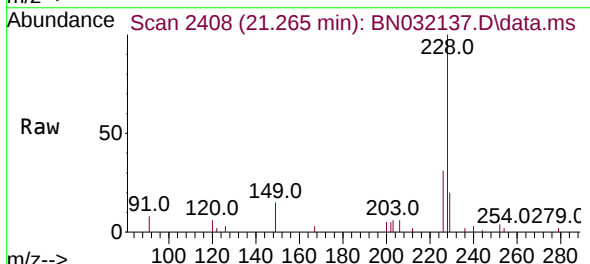
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240618

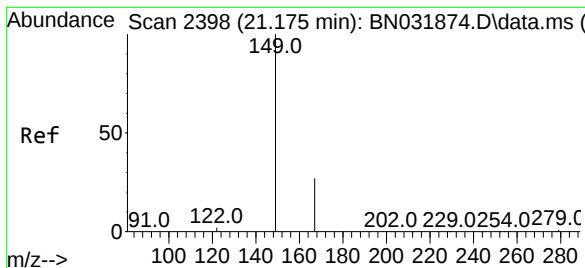
Tgt Ion:228 Resp: 16205
Ion Ratio Lower Upper
228 100
226 28.2 21.8 32.6
229 20.3 15.8 23.8



#33
Chrysene
Concen: 0.171 ng
RT: 21.265 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

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# 21

Delta R.T. -0.009 min

Lab File: BN032137.D

Acq: 21 Jun 2024 18:34

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-EB-20240618

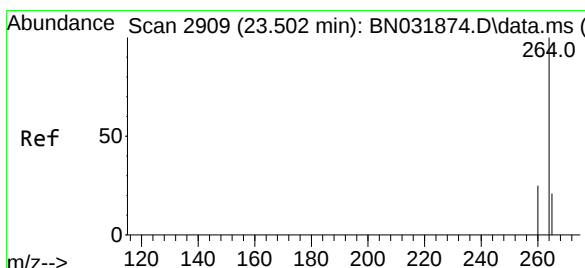
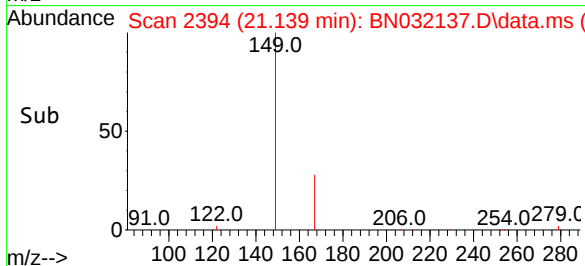
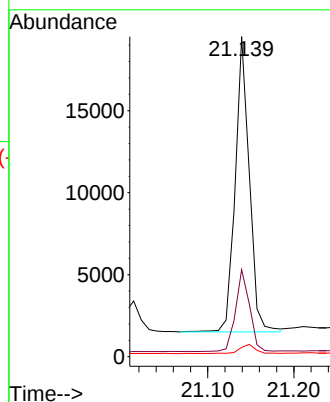
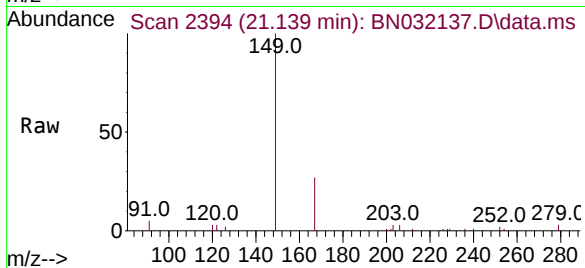
Tgt Ion:149 Resp: 20454

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# 2892

Delta R.T. -0.000 min

Lab File: BN032137.D

Acq: 21 Jun 2024 18:34

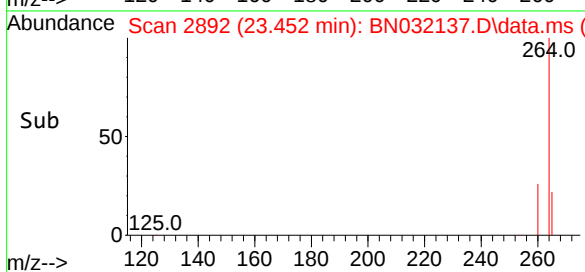
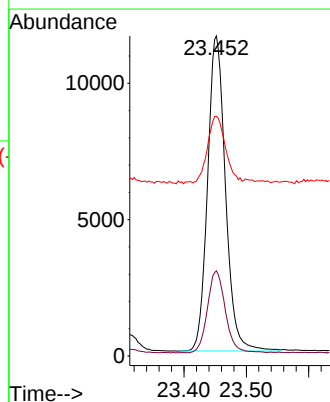
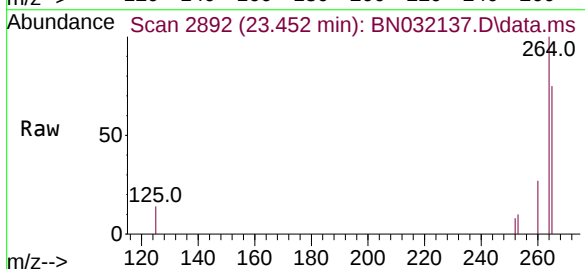
Tgt Ion:264 Resp: 23035

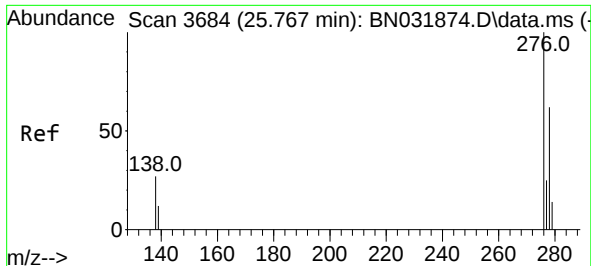
Ion Ratio Lower Upper

264 100

260 26.6 20.5 30.7

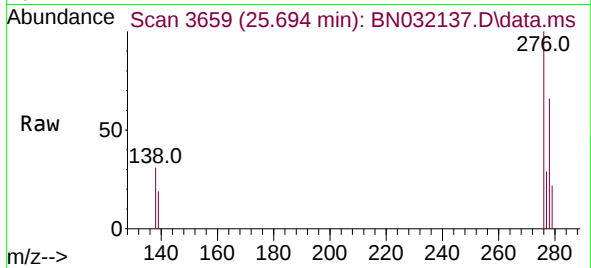
265 74.9 39.6 59.4#



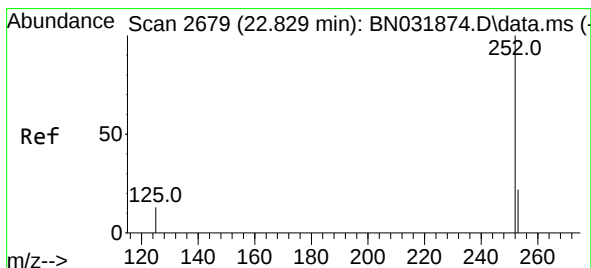
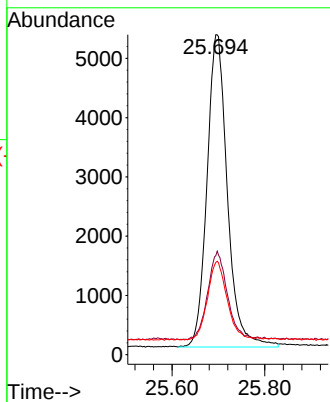
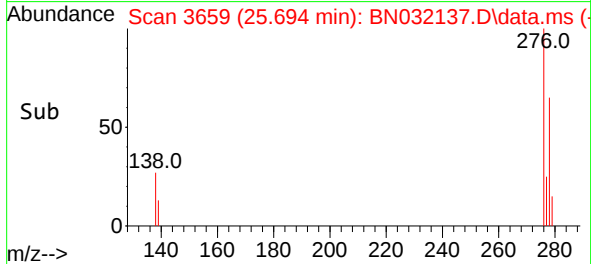


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.187 ng
RT: 25.694 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

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

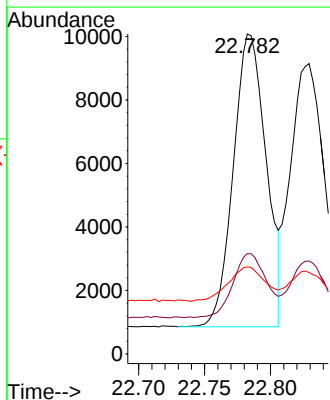
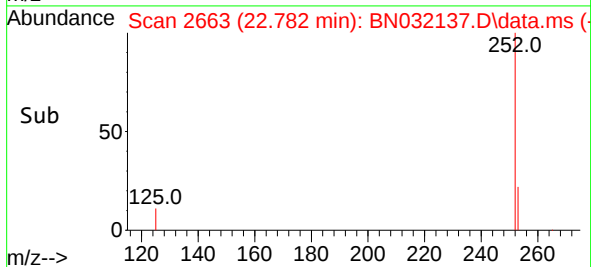
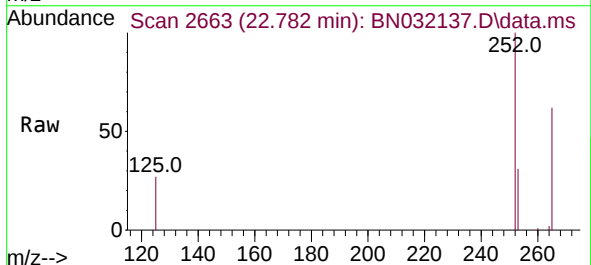


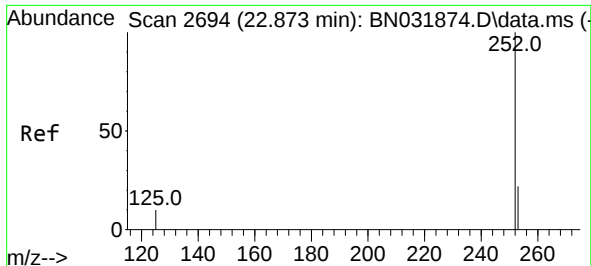
Tgt Ion:276 Resp: 16099
Ion Ratio Lower Upper
276 100
138 26.8 21.5 32.3
277 24.4 19.8 29.8



#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

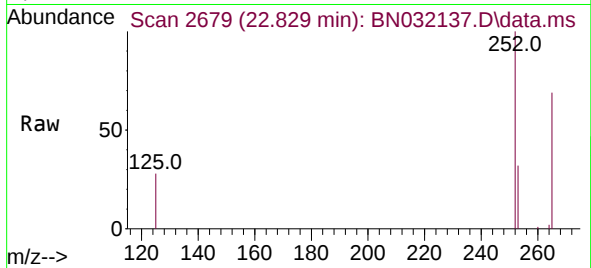
Tgt Ion:252 Resp: 15959
Ion Ratio Lower Upper
252 100
253 31.4 20.2 30.2#
125 27.2 14.2 21.4#



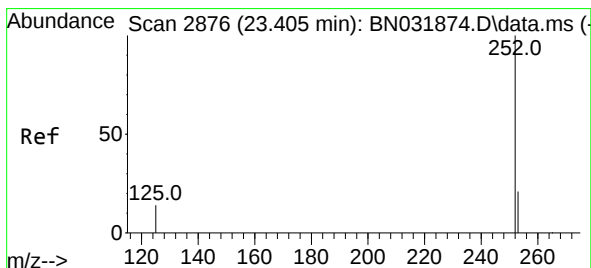
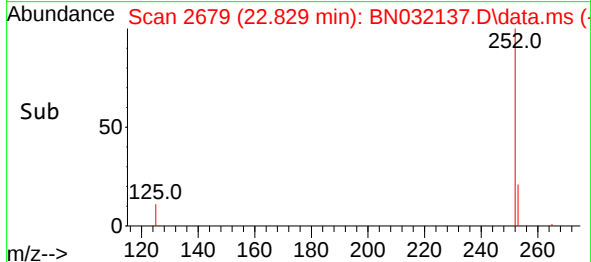
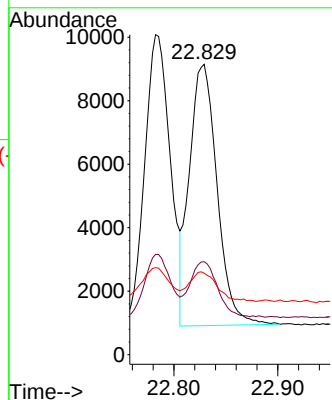


#38
Benzo(k)fluoranthene
Concen: 0.192 ng
RT: 22.829 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

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

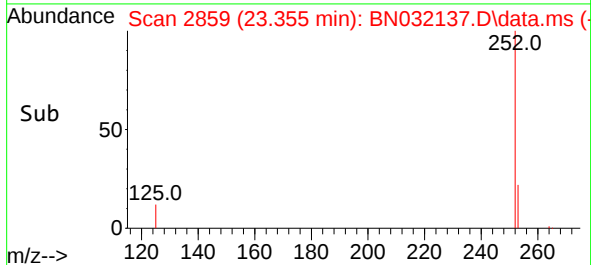
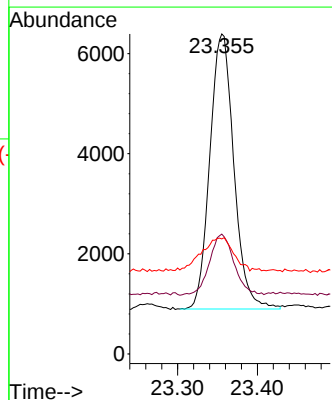
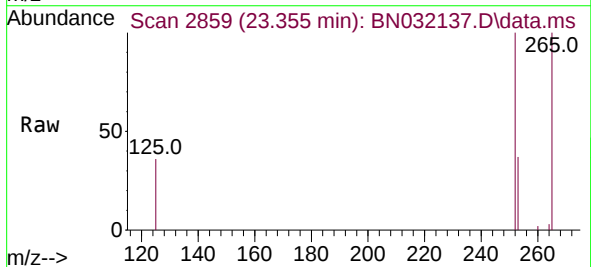


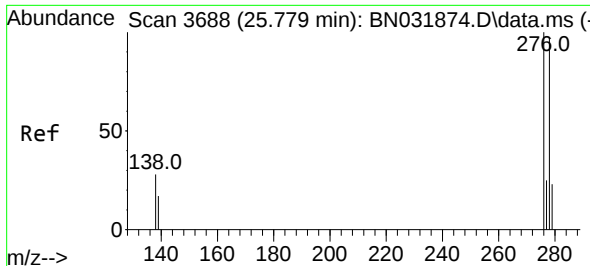
Tgt Ion:252 Resp: 15251
Ion Ratio Lower Upper
252 100
253 32.0 19.9 29.9#
125 28.1 13.0 19.4#



#39
Benzo(a)pyrene
Concen: 0.159 ng
RT: 23.355 min Scan# 2859
Delta R.T. -0.003 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

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#

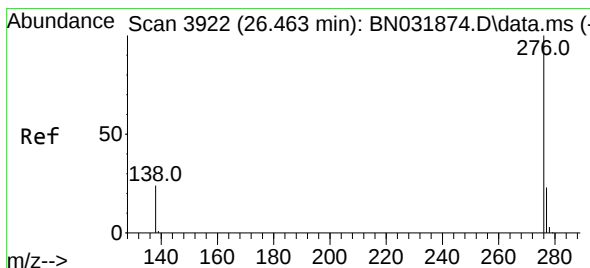
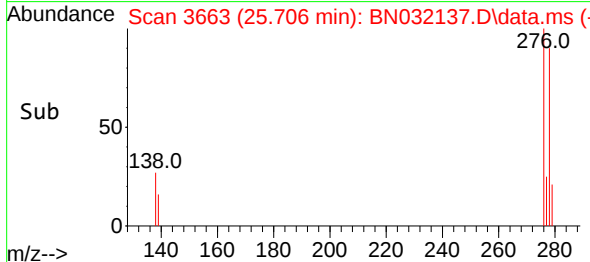
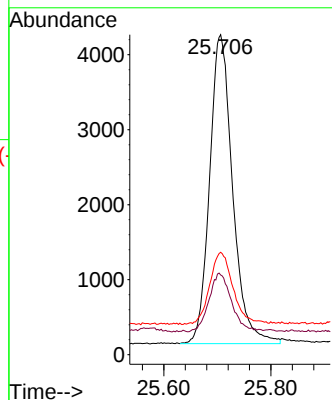
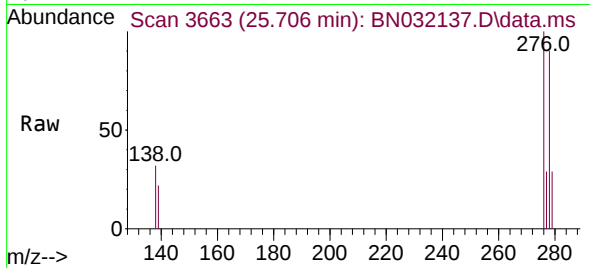




#40
Dibenzo(a,h)anthracene
Concen: 0.182 ng
RT: 25.706 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

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

Tgt Ion: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# 3895
Delta R.T. 0.006 min
Lab File: BN032137.D
Acq: 21 Jun 2024 18:34

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

