

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
 Data File : BN032066.D
 Acq On : 19 Jun 2024 12:04
 Operator : MA/JU
 Sample : P2928-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-520-522

Quant Time: Jun 19 12:32:37 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)

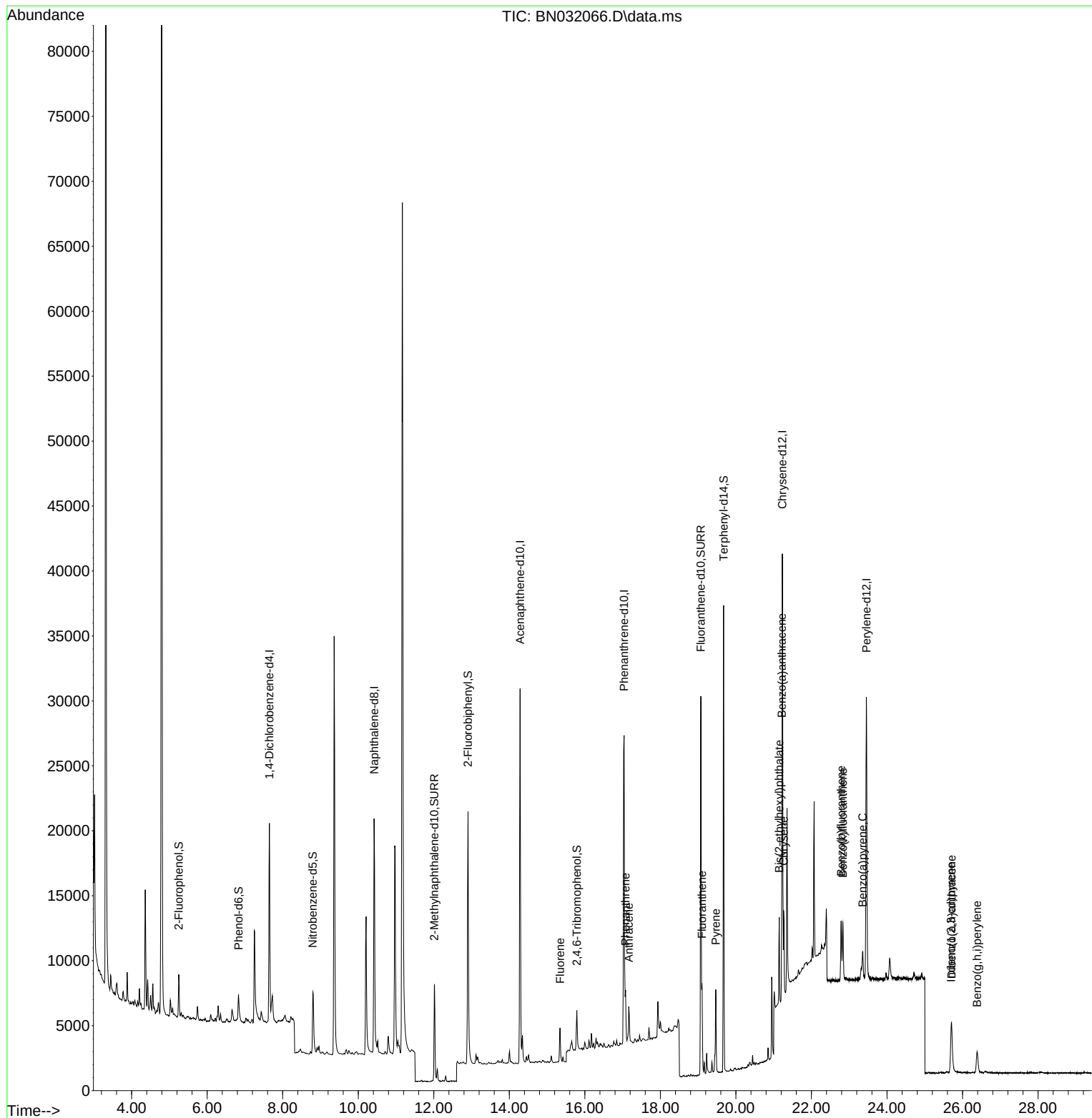
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	7806	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	26887	0.400	ng	0.00
13) Acenaphthene-d10	14.285	164	17801	0.400	ng	0.00
19) Phenanthrene-d10	17.041	188	39476	0.400	ng	0.01
29) Chrysene-d12	21.229	240	31210	0.400	ng	# 0.00
35) Perylene-d12	23.455	264	29208	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	2968	0.134	ng	0.00
5) Phenol-d6	6.830	99	2691	0.092	ng	0.00
8) Nitrobenzene-d5	8.798	82	5275	0.236	ng	0.00
11) 2-Methylnaphthalene-d10	12.017	152	11509	0.269	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	2065	0.242	ng	0.00
15) 2-Fluorobiphenyl	12.906	172	20164	0.299	ng	0.00
27) Fluoranthene-d10	19.072	212	33498	0.312	ng	0.00
31) Terphenyl-d14	19.676	244	35728	0.468	ng	0.00
Target Compounds						Qvalue
18) Fluorene	15.343	166	1834	0.026	ng	97
25) Phenanthrene	17.078	178	4280	0.039	ng	99
26) Anthracene	17.165	178	3495	0.034	ng	98
28) Fluoranthene	19.100	202	5702	0.043	ng	# 92
30) Pyrene	19.467	202	5841	0.047	ng	99
32) Benzo(a)anthracene	21.220	228	5239	0.045	ng	95
33) Chrysene	21.265	228	5310	0.048	ng	95
34) Bis(2-ethylhexyl)phtha...	21.148	149	6192	0.077	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.700	276	5055	0.046	ng	96
37) Benzo(b)fluoranthene	22.788	252	5936	0.056	ng	# 51
38) Benzo(k)fluoranthene	22.832	252	5464	0.054	ng	# 48
39) Benzo(a)pyrene	23.358	252	3283	0.036	ng	# 13
40) Dibenzo(a,h)anthracene	25.712	278	3574	0.042	ng	# 59
41) Benzo(g,h,i)perylene	26.387	276	3670	0.040	ng	# 70

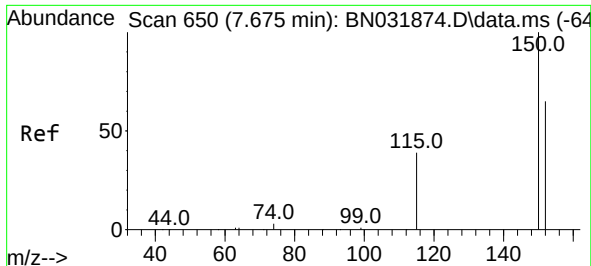
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061924\
Data File : BN032066.D
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BNA_N
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BP-VPB-196-GW-520-522

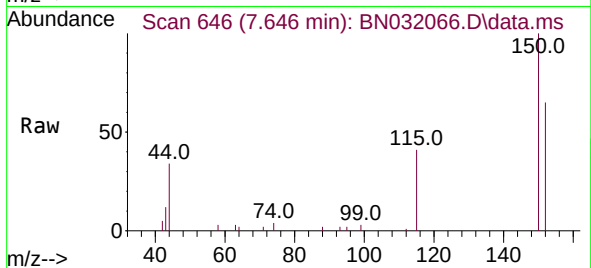
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration



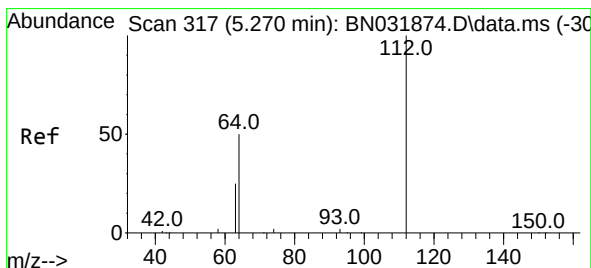
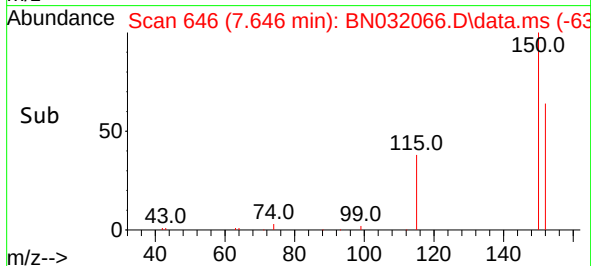
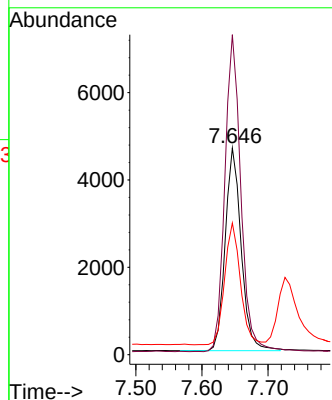


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.646 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN032066.D
Acq: 19 Jun 2024 12:04

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-520-522

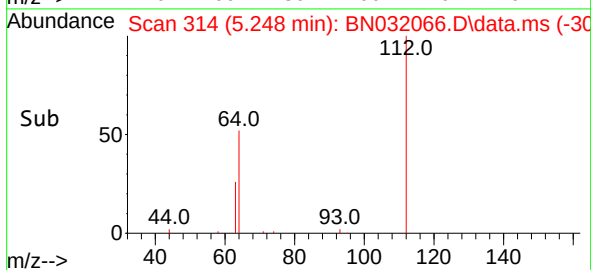
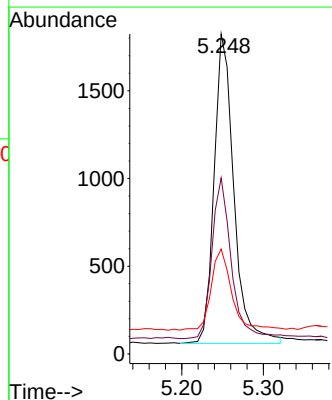
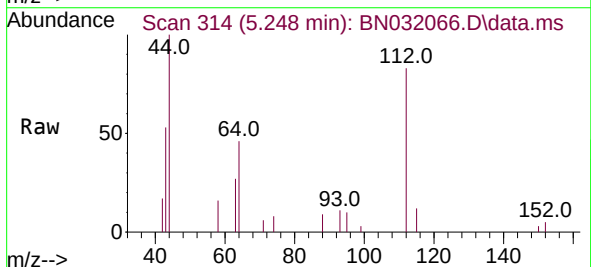


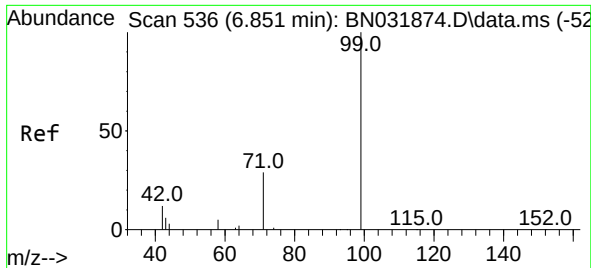
Tgt Ion:152 Resp: 7806
Ion Ratio Lower Upper
152 100
150 154.8 121.0 181.4
115 63.7 49.4 74.0



#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.248 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN032066.D
Acq: 19 Jun 2024 12:04

Tgt Ion:112 Resp: 2968
Ion Ratio Lower Upper
112 100
64 50.7 42.4 63.6
63 27.3 22.1 33.1

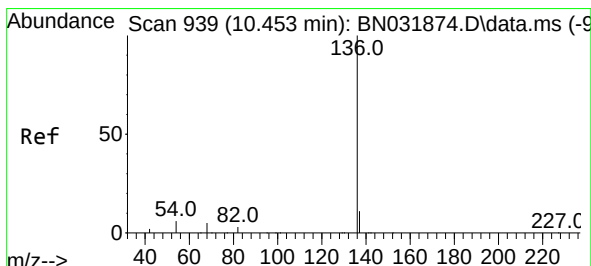
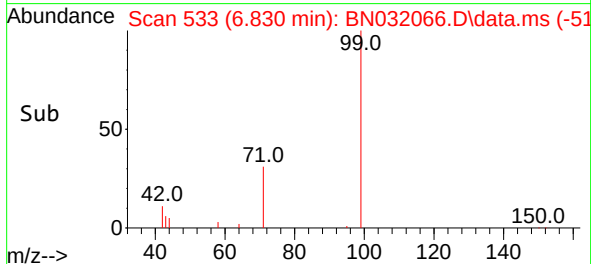
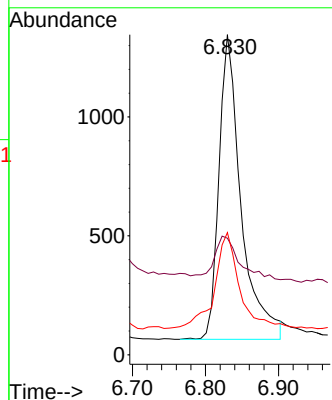
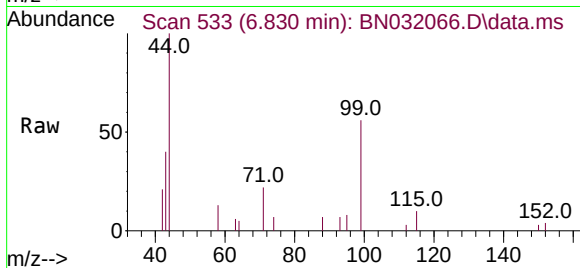




#5
Phenol-d6
Concen: 0.092 ng
RT: 6.830 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN032066.D
Acq: 19 Jun 2024 12:04

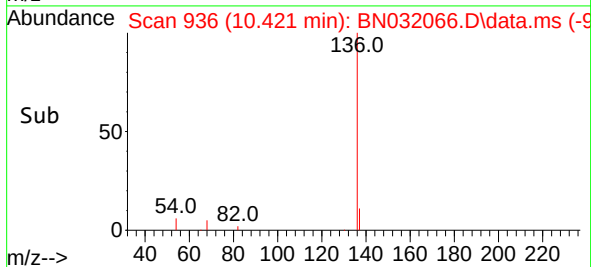
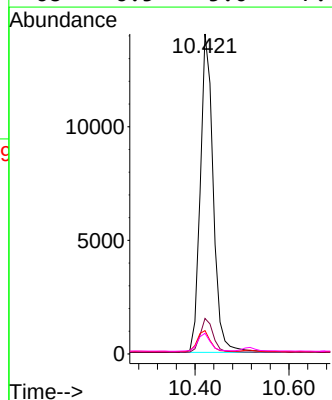
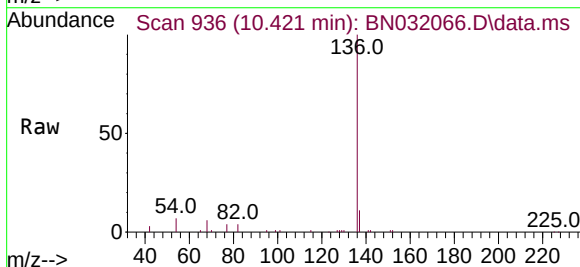
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-520-522

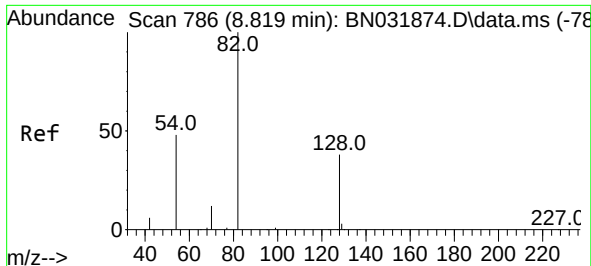
Tgt Ion: 99 Resp: 2691
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 34.8 25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN032066.D
Acq: 19 Jun 2024 12:04

Tgt Ion: 136 Resp: 26887
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.3 5.6 8.4
68 6.5 5.0 7.4

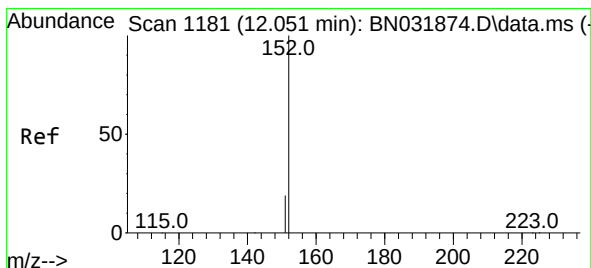
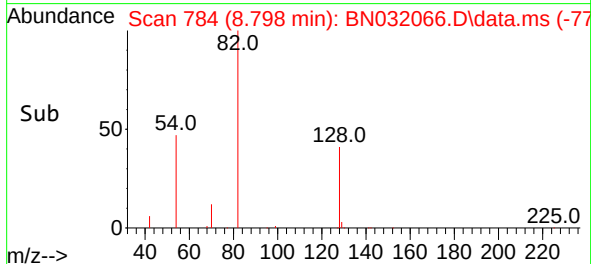
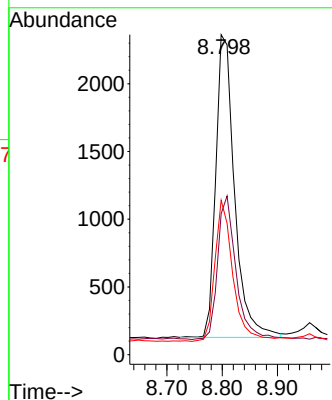
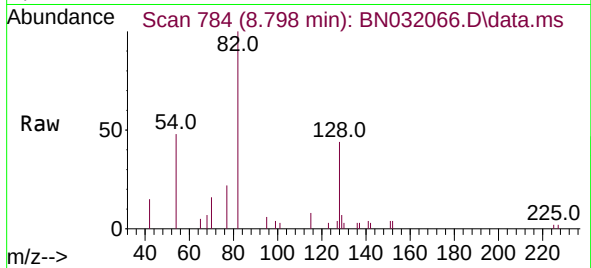




#8
Nitrobenzene-d5
Concen: 0.236 ng
RT: 8.798 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN032066.D
Acq: 19 Jun 2024 12:04

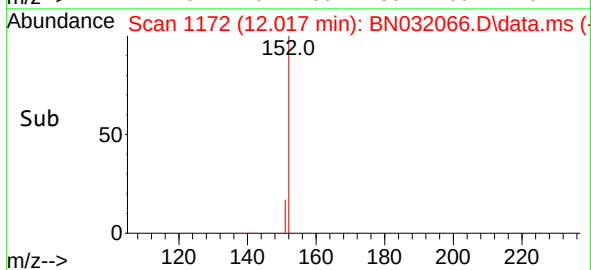
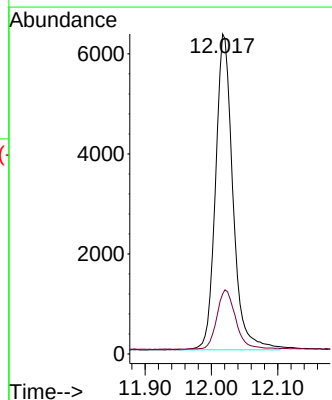
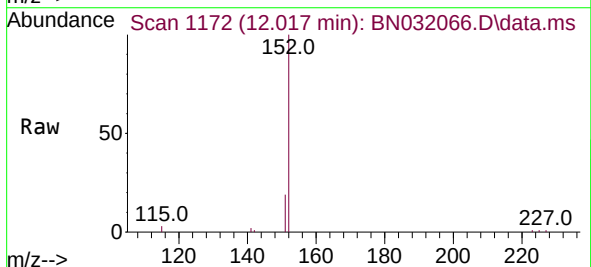
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-520-522

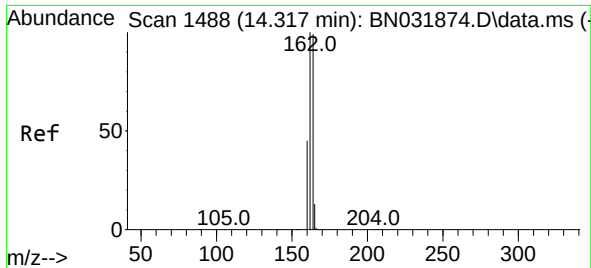
Tgt Ion: 82 Resp: 5275
Ion Ratio Lower Upper
82 100
128 44.0 32.1 48.1
54 48.3 39.7 59.5



#11
2-Methylnaphthalene-d10
Concen: 0.269 ng
RT: 12.017 min Scan# 1172
Delta R.T. -0.004 min
Lab File: BN032066.D
Acq: 19 Jun 2024 12:04

Tgt Ion: 152 Resp: 11509
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5

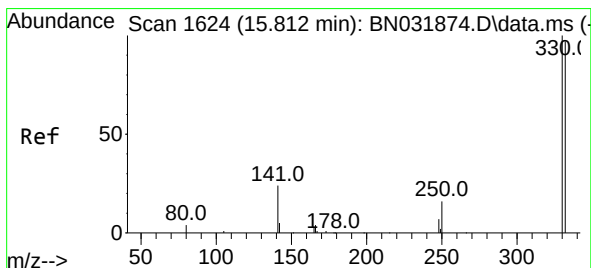
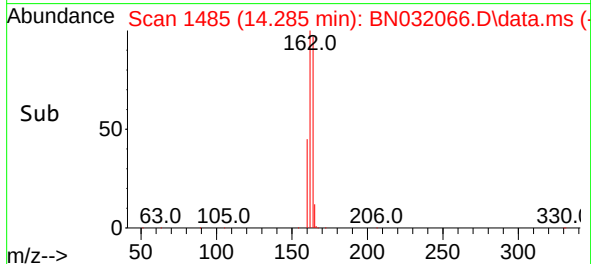
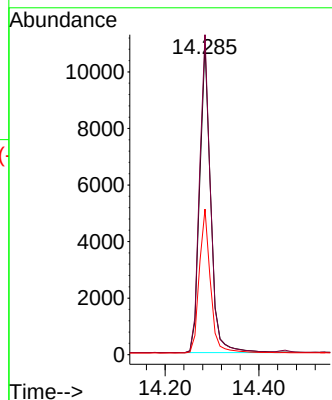
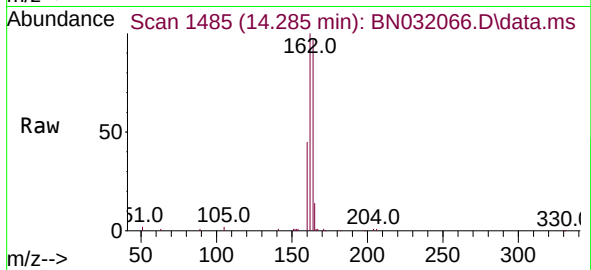




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.285 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BN032066.D
Acq: 19 Jun 2024 12:04

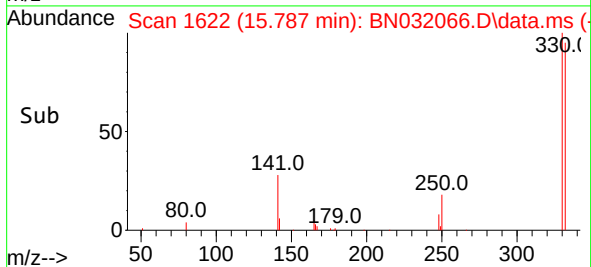
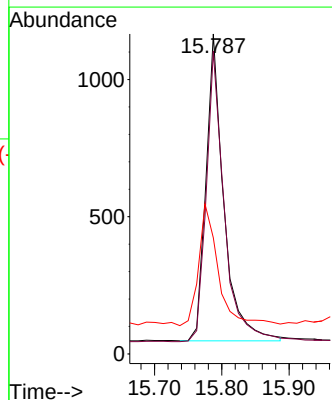
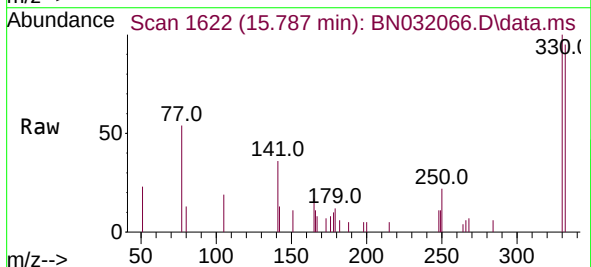
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-520-522

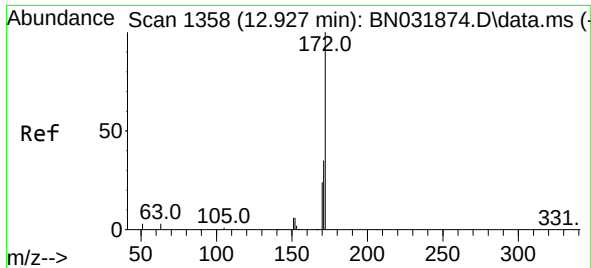
Tgt Ion:164 Resp: 17801
Ion Ratio Lower Upper
164 100
162 103.0 80.7 121.1
160 46.9 36.2 54.4



#14
2,4,6-Tribromophenol
Concen: 0.242 ng
RT: 15.787 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN032066.D
Acq: 19 Jun 2024 12:04

Tgt Ion:330 Resp: 2065
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 43.6 34.7 52.1

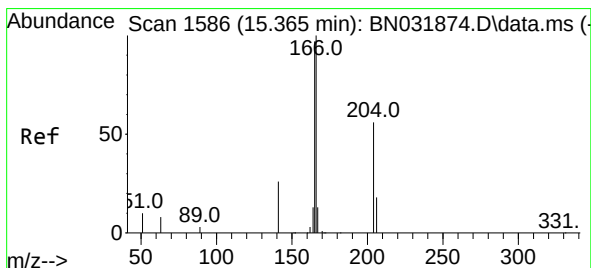
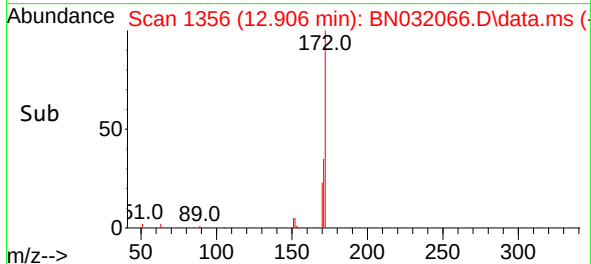
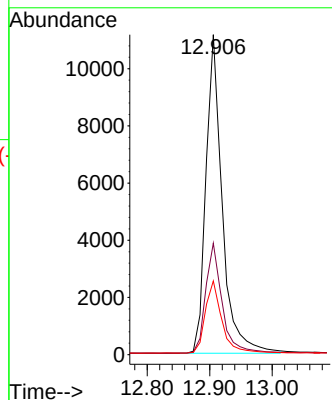
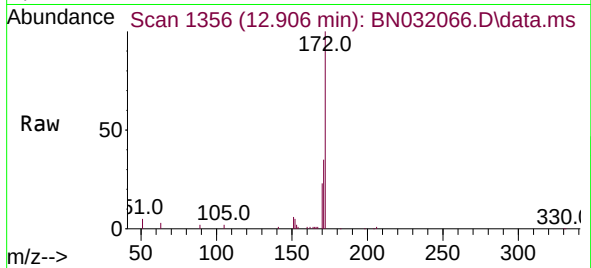




#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 12.906 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN032066.D
Acq: 19 Jun 2024 12:04

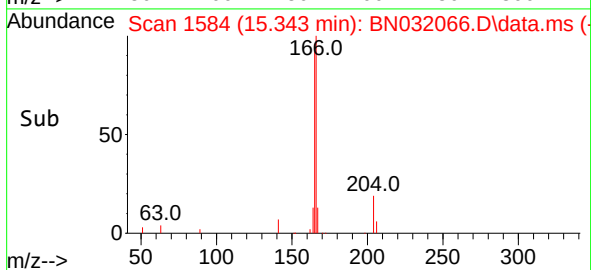
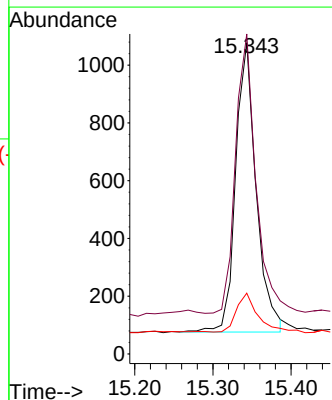
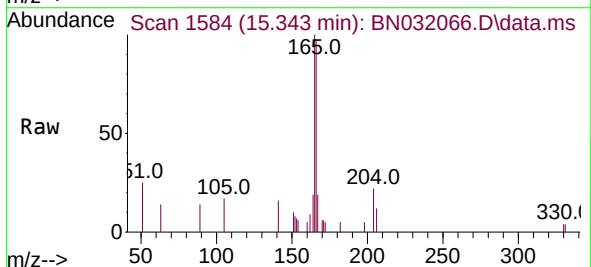
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-520-522

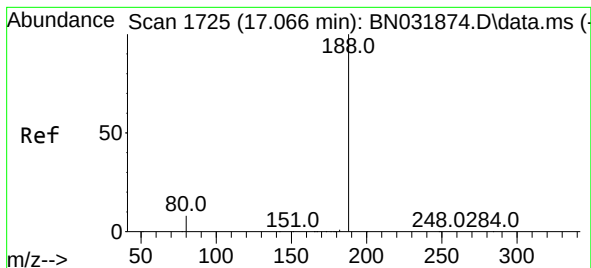
Tgt Ion:172 Resp: 20164
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.0 19.2 28.8



#18
Fluorene
Concen: 0.026 ng
RT: 15.343 min Scan# 1584
Delta R.T. 0.011 min
Lab File: BN032066.D
Acq: 19 Jun 2024 12:04

Tgt Ion:166 Resp: 1834
Ion Ratio Lower Upper
166 100
165 94.9 78.3 117.5
167 13.6 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.041 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN032066.D

Acq: 19 Jun 2024 12:04

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-520-522

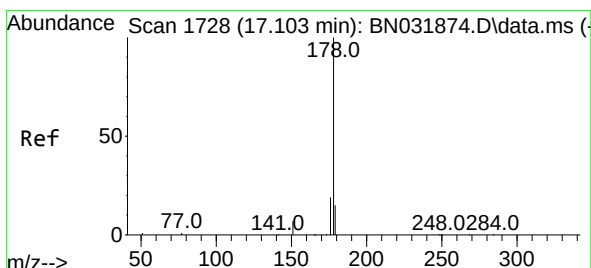
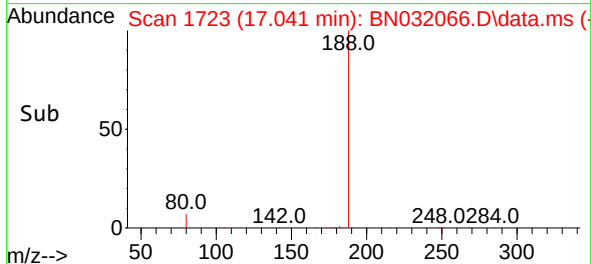
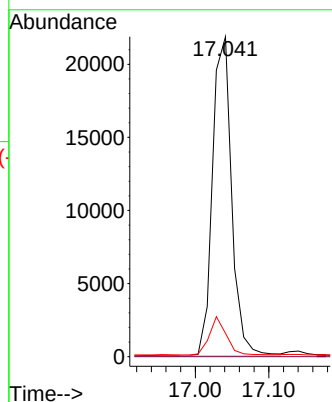
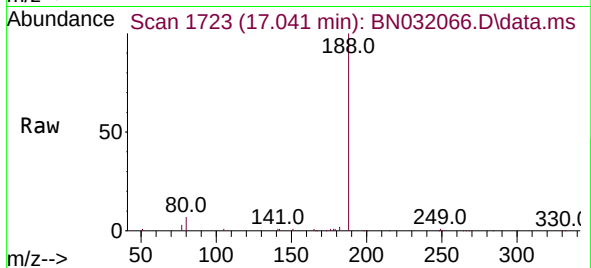
Tgt Ion:188 Resp: 39476

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.3 6.4 9.6



#25

Phenanthrene

Concen: 0.039 ng

RT: 17.078 min Scan# 1726

Delta R.T. -0.000 min

Lab File: BN032066.D

Acq: 19 Jun 2024 12:04

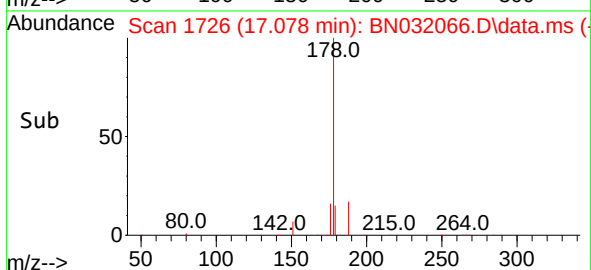
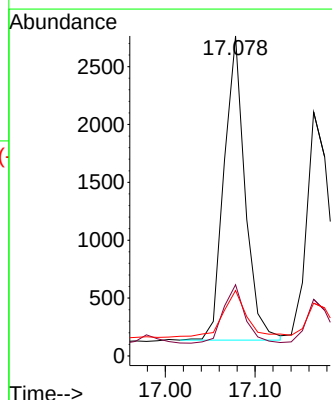
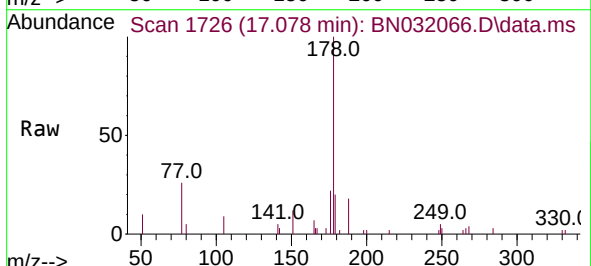
Tgt Ion:178 Resp: 4280

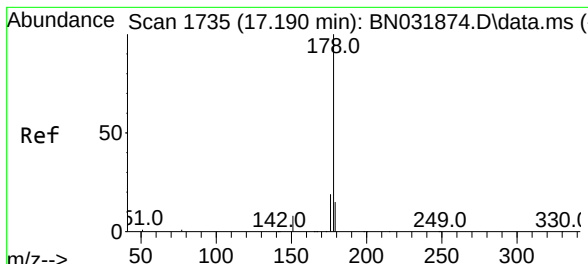
Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.0

179 15.6 12.2 18.2

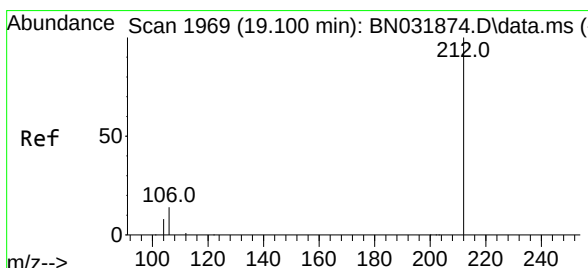
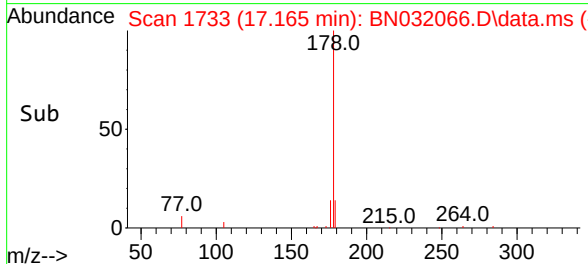
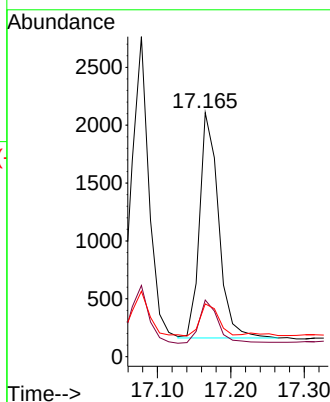
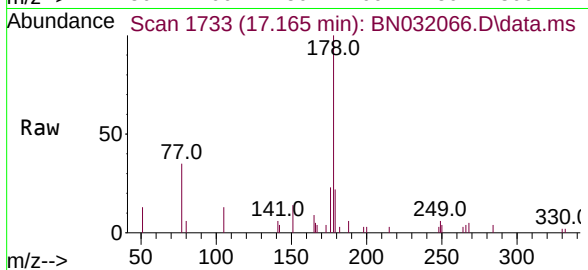




#26
 Anthracene
 Concen: 0.034 ng
 RT: 17.165 min Scan# 1733
 Delta R.T. -0.000 min
 Lab File: BN032066.D
 Acq: 19 Jun 2024 12:04

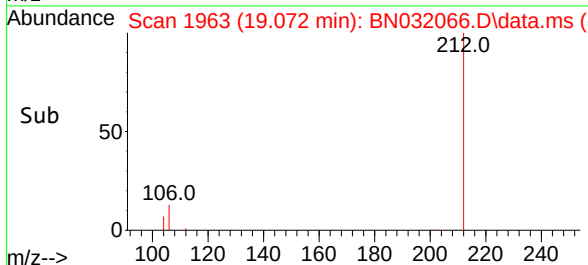
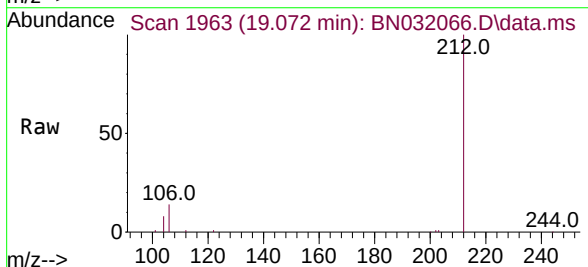
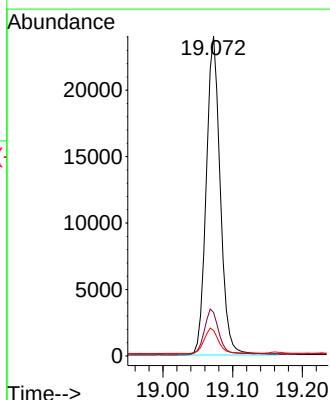
Instrument :
 BNA_N
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 BP-VPB-196-GW-520-522

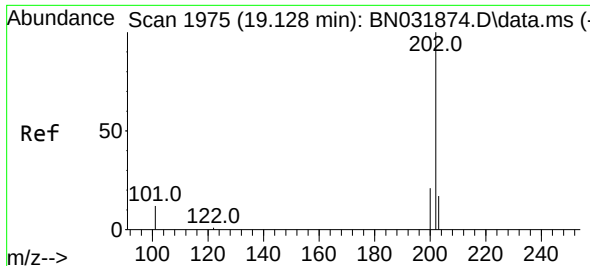
Tgt Ion:	178	Resp:	3495
Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.8	22.2
179	14.2	12.2	18.2



#27
 Fluoranthene-d10
 Concen: 0.312 ng
 RT: 19.072 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: BN032066.D
 Acq: 19 Jun 2024 12:04

Tgt Ion:	212	Resp:	33498
Ion	Ratio	Lower	Upper
212	100		
106	14.3	11.8	17.8
104	8.2	6.6	10.0

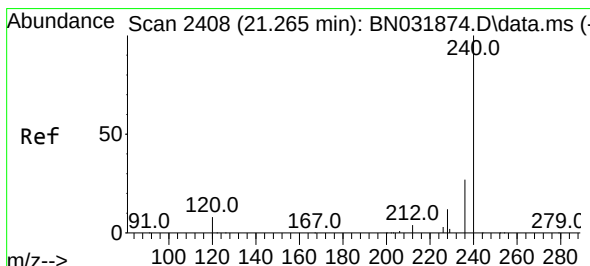
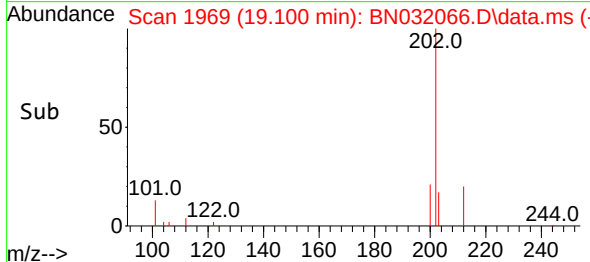
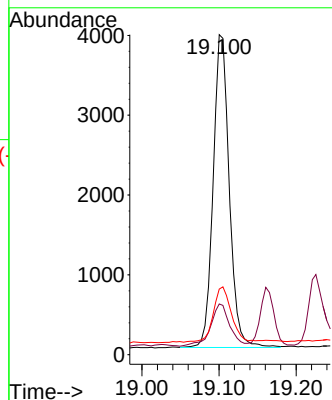
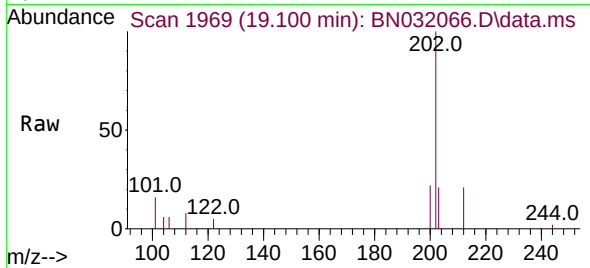




#28
Fluoranthene
Concen: 0.043 ng
RT: 19.100 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BN032066.D
Acq: 19 Jun 2024 12:04

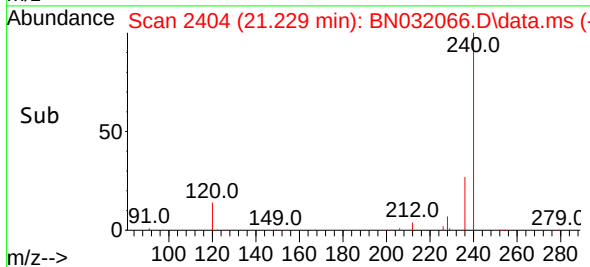
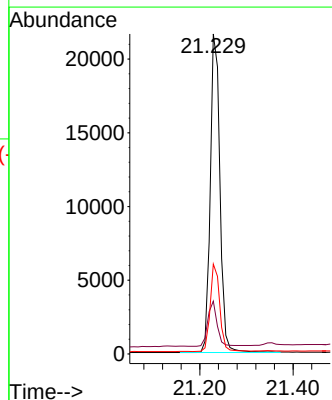
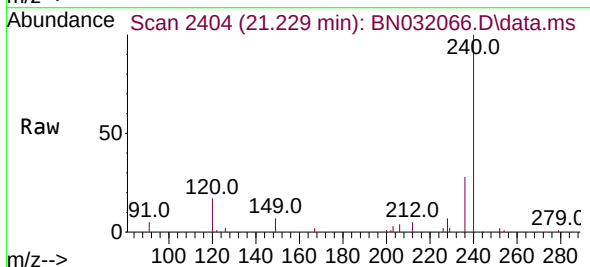
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-520-522

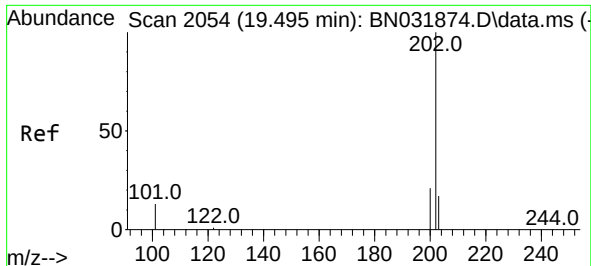
Tgt Ion:202 Resp: 5702
Ion Ratio Lower Upper
202 100
101 16.1 9.8 14.6#
203 19.7 13.7 20.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BN032066.D
Acq: 19 Jun 2024 12:04

Tgt Ion:240 Resp: 31210
Ion Ratio Lower Upper
240 100
120 16.5 8.2 12.4#
236 28.1 21.8 32.8

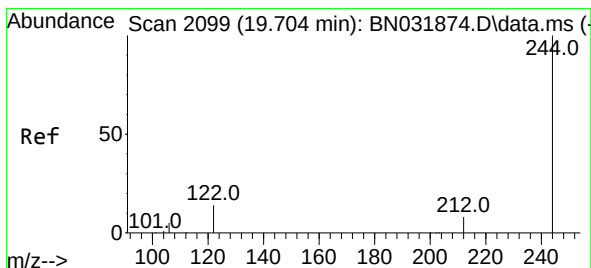
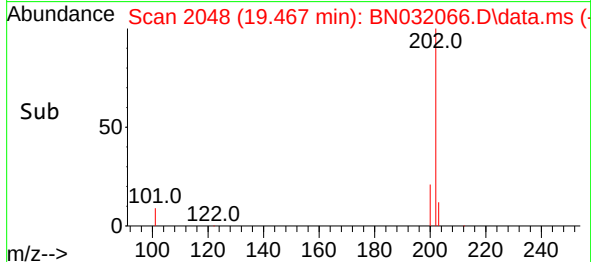
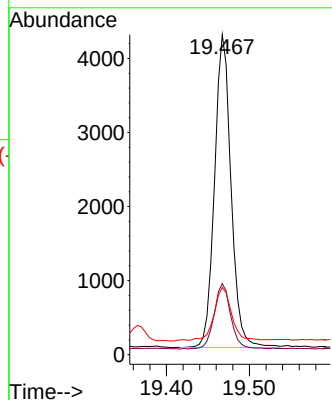
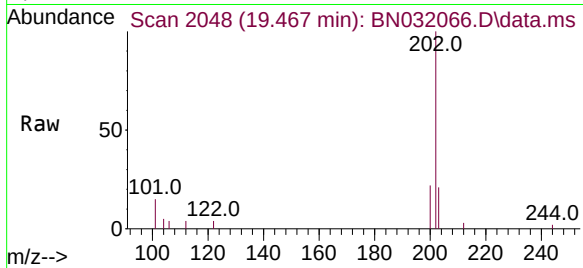




#30
 Pyrene
 Concen: 0.047 ng
 RT: 19.467 min Scan# 2048
 Delta R.T. -0.000 min
 Lab File: BN032066.D
 Acq: 19 Jun 2024 12:04

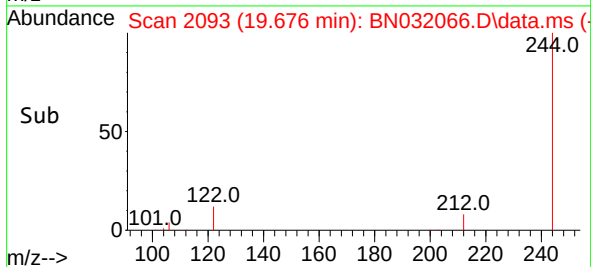
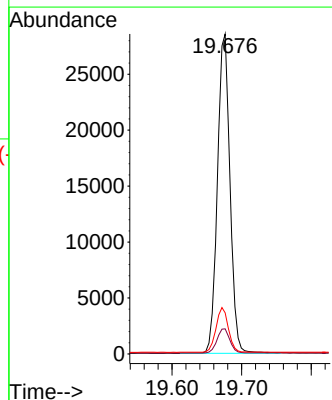
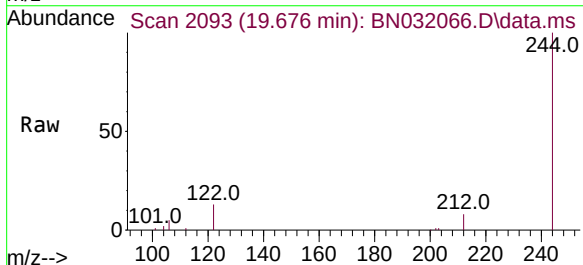
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-520-522

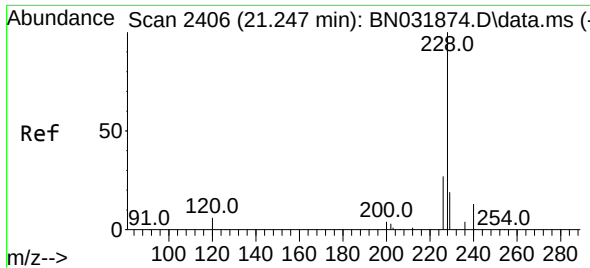
Tgt Ion:202 Resp: 5841
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.7 25.1
 203 18.6 14.3 21.5



#31
 Terphenyl-d14
 Concen: 0.468 ng
 RT: 19.676 min Scan# 2093
 Delta R.T. 0.005 min
 Lab File: BN032066.D
 Acq: 19 Jun 2024 12:04

Tgt Ion:244 Resp: 35728
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 12.8 11.4 17.0

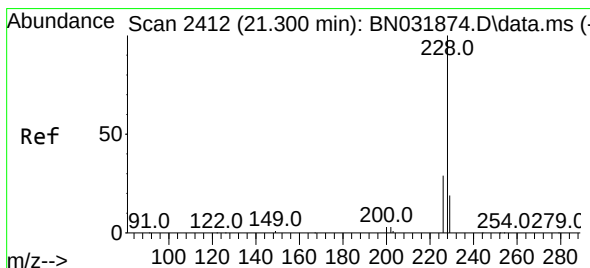
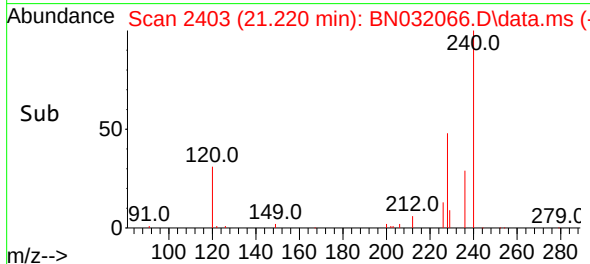
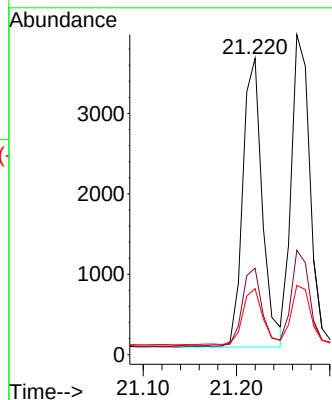
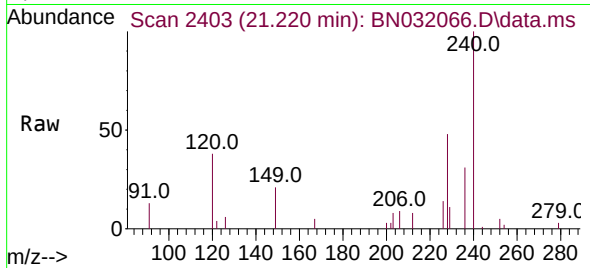




#32
Benzo(a)anthracene
Concen: 0.045 ng
RT: 21.220 min Scan# 2403
Delta R.T. 0.009 min
Lab File: BN032066.D
Acq: 19 Jun 2024 12:04

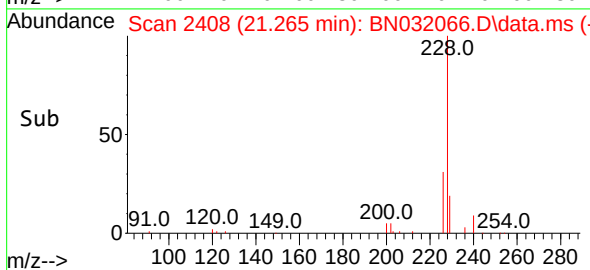
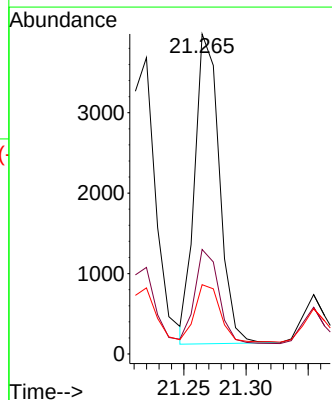
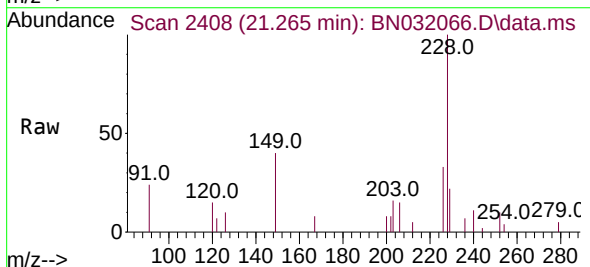
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-520-522

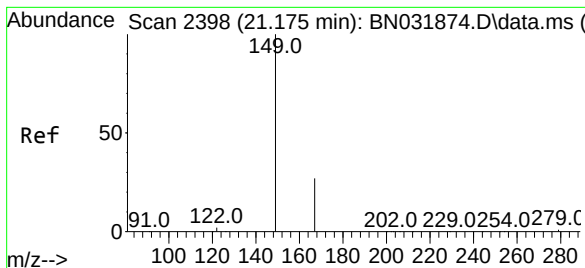
Tgt Ion:228 Resp: 5239
Ion Ratio Lower Upper
228 100
226 29.2 21.8 32.6
229 22.3 15.8 23.8



#33
Chrysene
Concen: 0.048 ng
RT: 21.265 min Scan# 2408
Delta R.T. -0.000 min
Lab File: BN032066.D
Acq: 19 Jun 2024 12:04

Tgt Ion:228 Resp: 5310
Ion Ratio Lower Upper
228 100
226 32.7 23.6 35.4
229 21.7 15.8 23.6





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.077 ng

RT: 21.148 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN032066.D

Acq: 19 Jun 2024 12:04

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-520-522

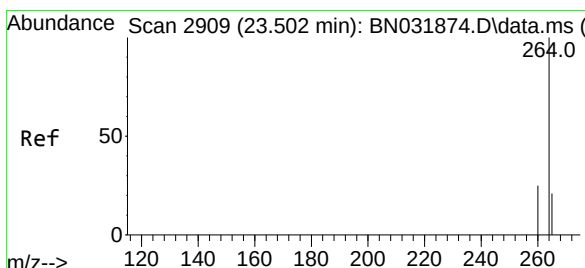
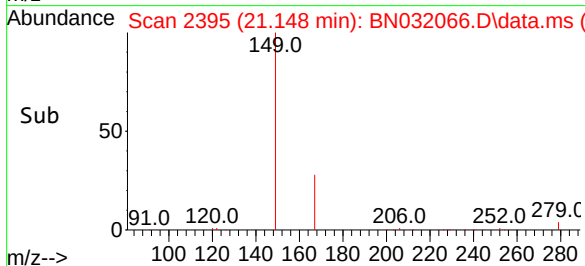
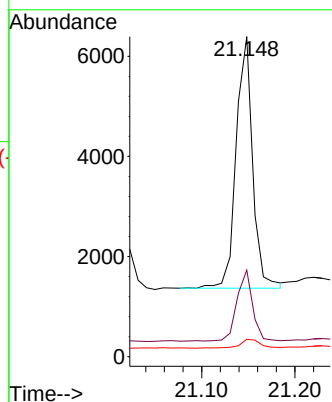
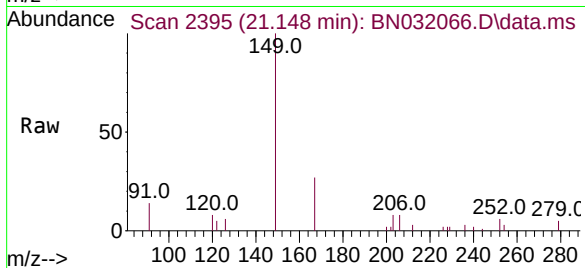
Tgt Ion:149 Resp: 6192

Ion Ratio Lower Upper

149 100

167 27.0 22.5 33.7

279 4.6 2.9 4.3#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.455 min Scan# 2893

Delta R.T. 0.003 min

Lab File: BN032066.D

Acq: 19 Jun 2024 12:04

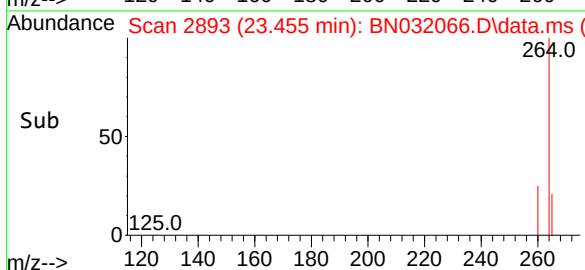
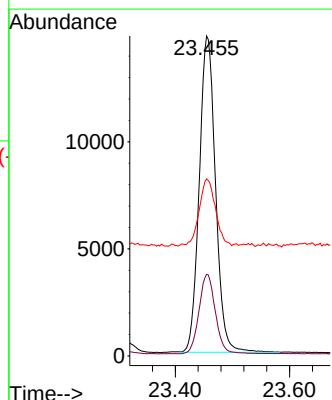
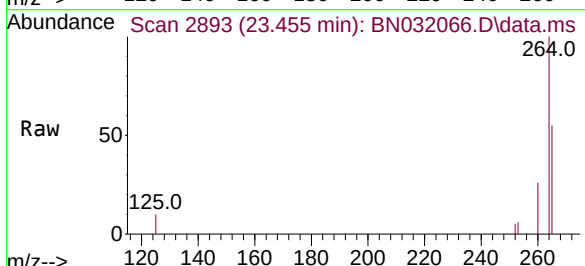
Tgt Ion:264 Resp: 29208

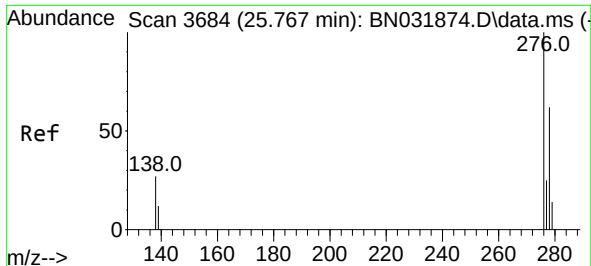
Ion Ratio Lower Upper

264 100

260 25.5 20.5 30.7

265 55.4 39.6 59.4

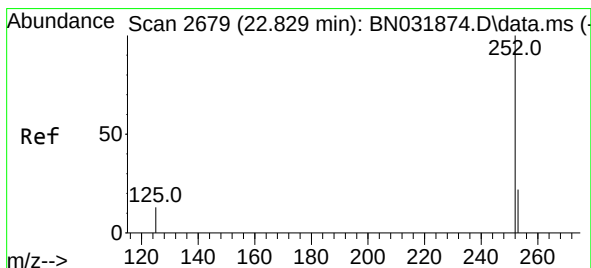
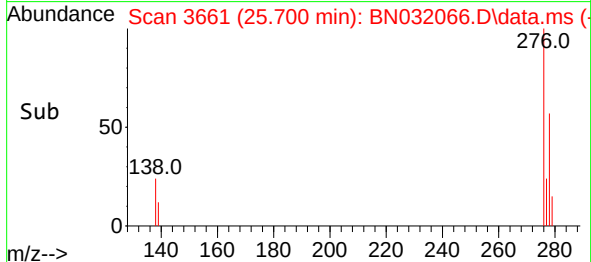
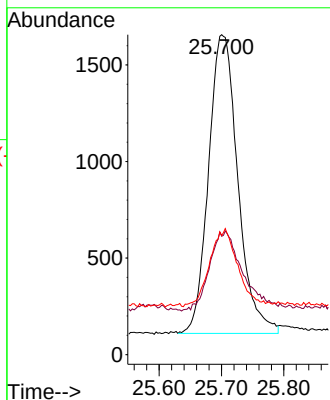
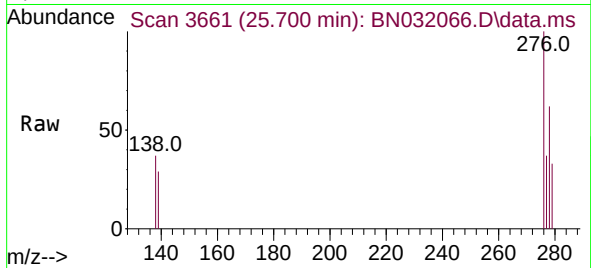




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.046 ng
RT: 25.700 min Scan# 30
Delta R.T. 0.006 min
Lab File: BN032066.D
Acq: 19 Jun 2024 12:04

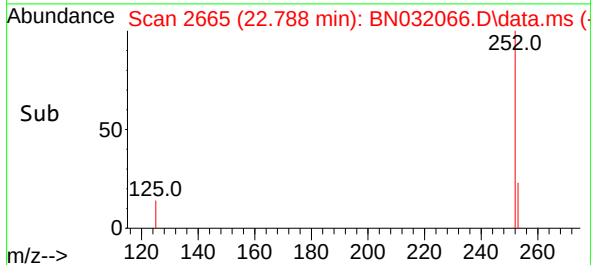
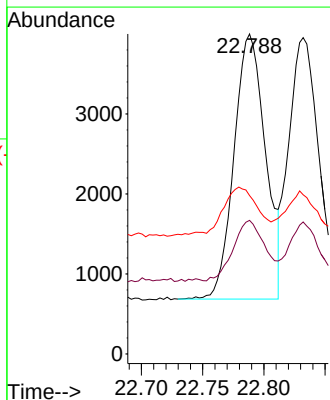
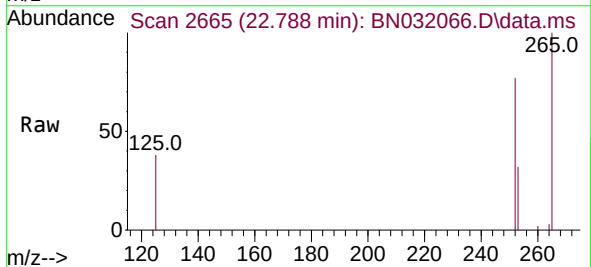
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-520-522

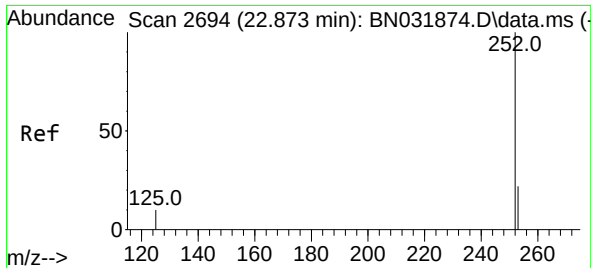
Tgt Ion:	276	Resp:	5055
Ion Ratio	Lower	Upper	
276	100		
138	30.3	21.5	32.3
277	25.3	19.8	29.8



#37
Benzo(b)fluoranthene
Concen: 0.056 ng
RT: 22.788 min Scan# 2665
Delta R.T. 0.003 min
Lab File: BN032066.D
Acq: 19 Jun 2024 12:04

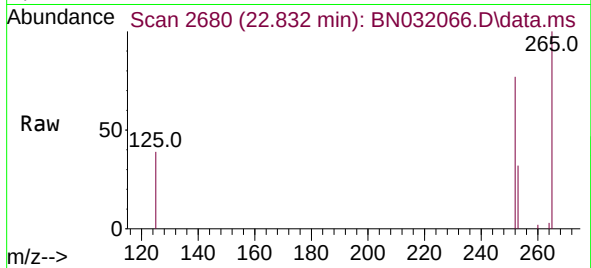
Tgt Ion:	252	Resp:	5936
Ion Ratio	Lower	Upper	
252	100		
253	41.8	20.2	30.2#
125	49.5	14.2	21.4#



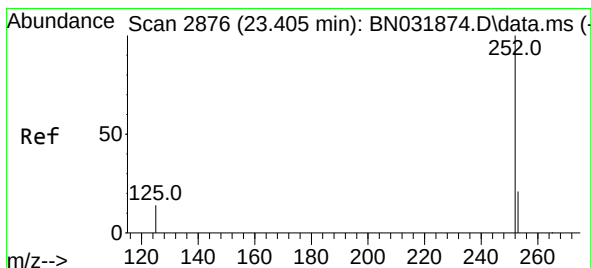
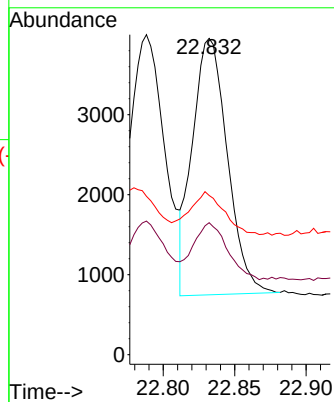


#38
Benzo(k)fluoranthene
Concen: 0.054 ng
RT: 22.832 min Scan# 20
Delta R.T. 0.003 min
Lab File: BN032066.D
Acq: 19 Jun 2024 12:04

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-520-522

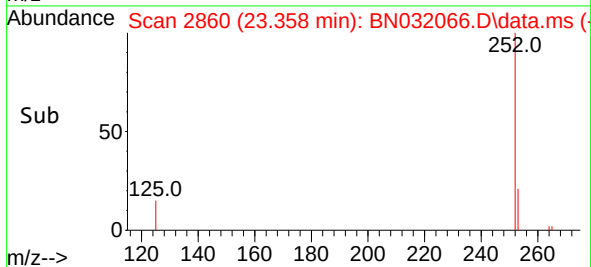
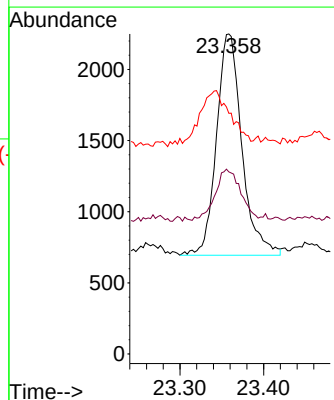
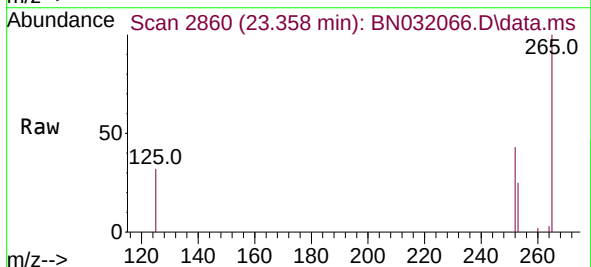


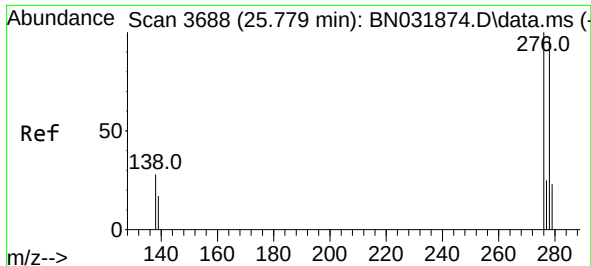
Tgt Ion:252 Resp: 5464
Ion Ratio Lower Upper
252 100
253 41.7 19.9 29.9#
125 50.4 13.0 19.4#



#39
Benzo(a)pyrene
Concen: 0.036 ng
RT: 23.358 min Scan# 2860
Delta R.T. -0.000 min
Lab File: BN032066.D
Acq: 19 Jun 2024 12:04

Tgt Ion:252 Resp: 3283
Ion Ratio Lower Upper
252 100
253 56.9 20.5 30.7#
125 75.2 16.4 24.6#

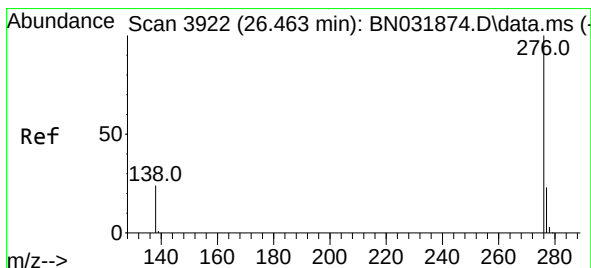
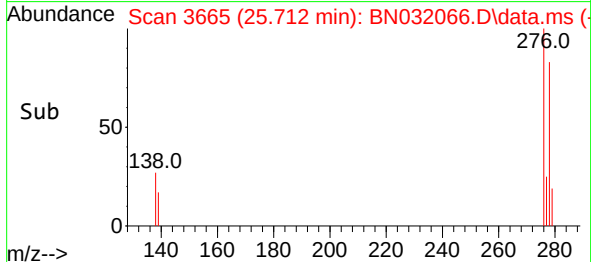
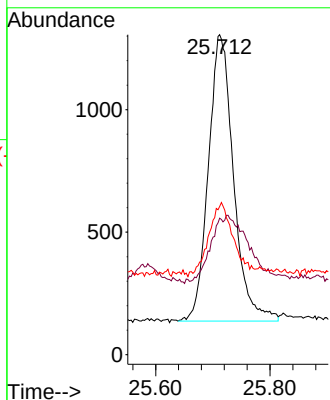
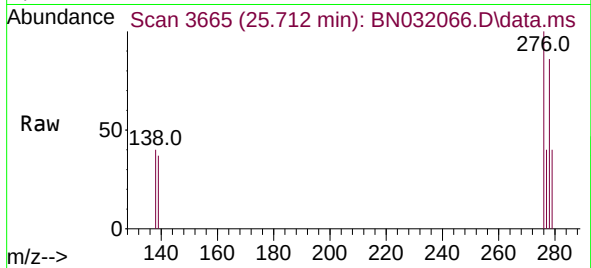




#40
Dibenzo(a,h)anthracene
Concen: 0.042 ng
RT: 25.712 min Scan# 3096
Delta R.T. 0.006 min
Lab File: BN032066.D
Acq: 19 Jun 2024 12:04

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-520-522

Tgt Ion:278 Resp: 3574
Ion Ratio Lower Upper
278 100
139 42.6 17.0 25.4#
279 46.3 21.4 32.0#



#41
Benzo(g,h,i)perylene
Concen: 0.040 ng
RT: 26.387 min Scan# 3896
Delta R.T. 0.009 min
Lab File: BN032066.D
Acq: 19 Jun 2024 12:04

Tgt Ion:276 Resp: 3670
Ion Ratio Lower Upper
276 100
277 42.1 20.2 30.2#
138 39.7 20.6 31.0#

