

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
 Data File : BN032140.D
 Acq On : 21 Jun 2024 20:23
 Operator : MA/JU
 Sample : P3002-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-620-622

Quant Time: Jun 22 00:34:15 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)

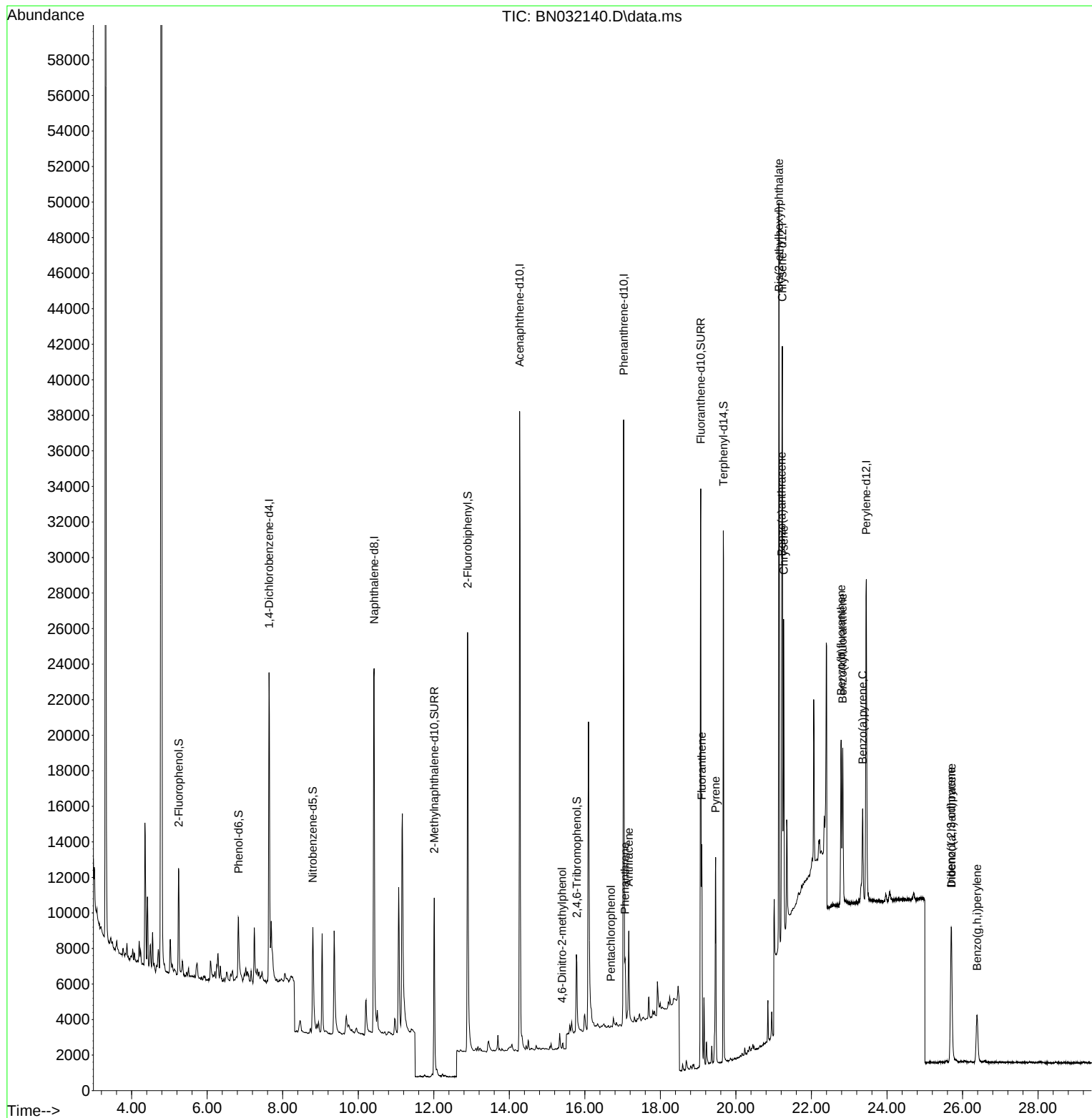
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	9827	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	34184	0.400	ng	# 0.00
13) Acenaphthene-d10	14.274	164	22697	0.400	ng	-0.01
19) Phenanthrene-d10	17.028	188	45840	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	26824	0.400	ng	# 0.00
35) Perylene-d12	23.452	264	24650	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	5660	0.203	ng	0.00
5) Phenol-d6	6.830	99	5309	0.145	ng	0.00
8) Nitrobenzene-d5	8.798	82	7022	0.247	ng	0.00
11) 2-Methylnaphthalene-d10	12.013	152	15830	0.291	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	3214	0.295	ng	0.00
15) 2-Fluorobiphenyl	12.895	172	24756	0.288	ng	-0.01
27) Fluoranthene-d10	19.068	212	37689	0.302	ng	0.00
31) Terphenyl-d14	19.667	244	28864	0.440	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.397	198	10	0.176	ng	# 1
24) Pentachlorophenol	16.693	266	83	0.175	ng	# 85
25) Phenanthrene	17.066	178	3257	0.026	ng	98
26) Anthracene	17.165	178	6034	0.051	ng	99
28) Fluoranthene	19.096	202	10718	0.069	ng	96
30) Pyrene	19.463	202	11039	0.104	ng	99
32) Benzo(a)anthracene	21.211	228	14156	0.140	ng	98
33) Chrysene	21.265	228	14088	0.147	ng	98
34) Bis(2-ethylhexyl)phtha...	21.139	149	37526	0.544	ng	100
36) Indeno(1,2,3-cd)pyrene	25.697	276	8999	0.098	ng	97
37) Benzo(b)fluoranthene	22.785	252	11881	0.132	ng	# 76
38) Benzo(k)fluoranthene	22.829	252	10974	0.129	ng	# 71
39) Benzo(a)pyrene	23.355	252	7408	0.096	ng	# 56
40) Dibenzo(a,h)anthracene	25.709	278	7378	0.102	ng	# 78
41) Benzo(g,h,i)perylene	26.384	276	6226	0.080	ng	# 80

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

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Instrument :
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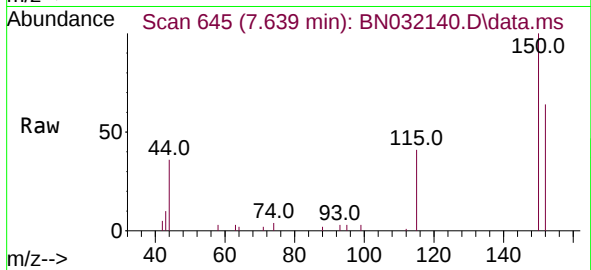
Quant Time: Jun 22 00:34:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration



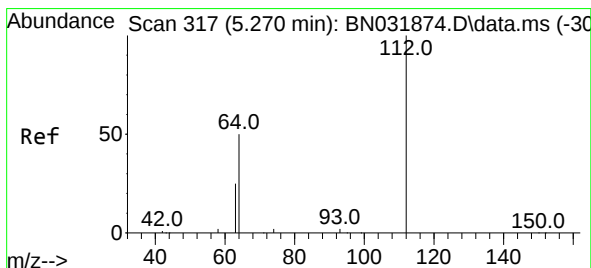
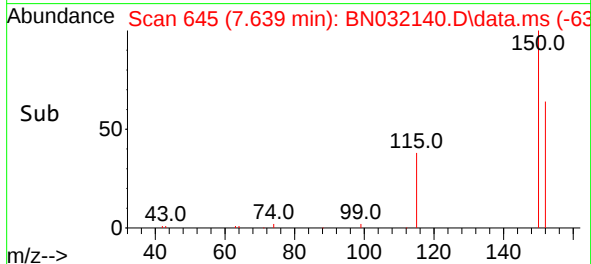
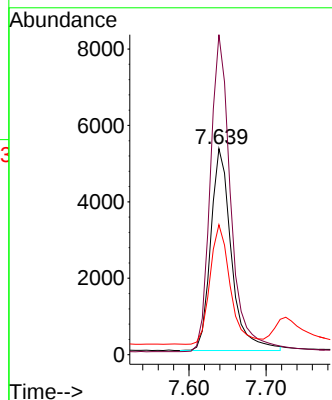


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.639 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-620-622

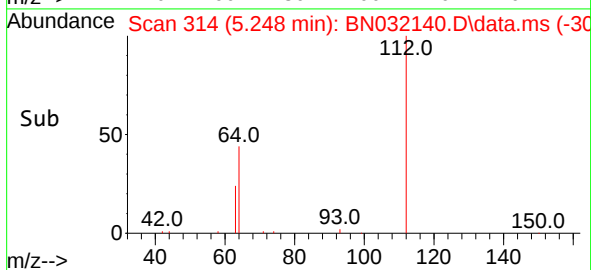
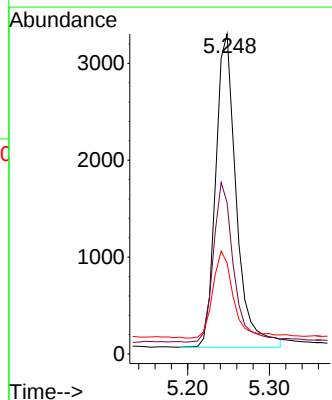
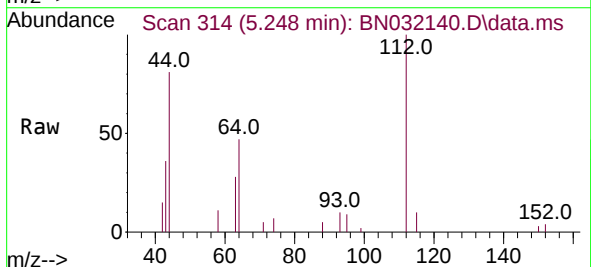


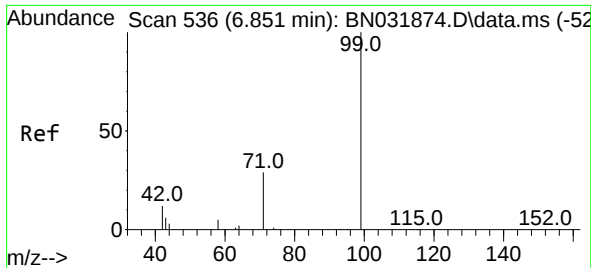
Tgt Ion:152 Resp: 9827
Ion Ratio Lower Upper
152 100
150 155.2 121.0 181.4
115 63.0 49.4 74.0



#4
2-Fluorophenol
Concen: 0.203 ng
RT: 5.248 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

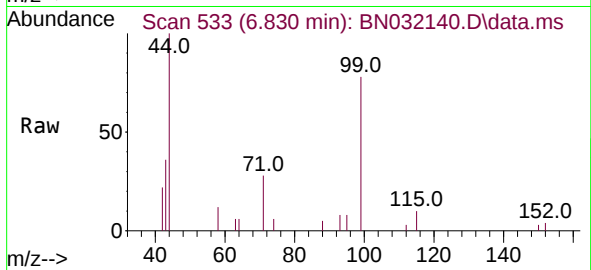
Tgt Ion:112 Resp: 5660
Ion Ratio Lower Upper
112 100
64 50.1 42.4 63.6
63 28.1 22.1 33.1



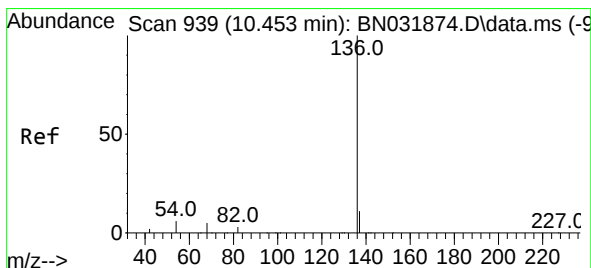
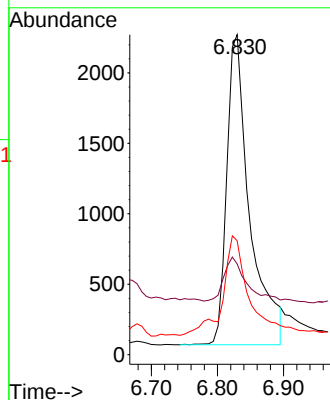
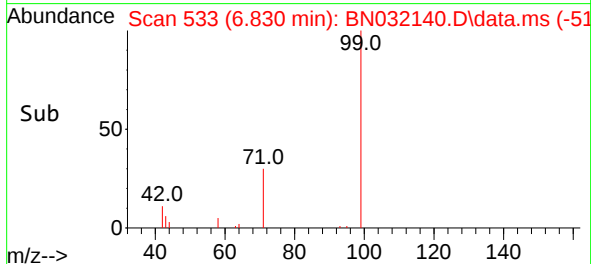


#5
Phenol-d6
Concen: 0.145 ng
RT: 6.830 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

Instrument :
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ClientSampleId :
BP-VPB-196-GW-620-622

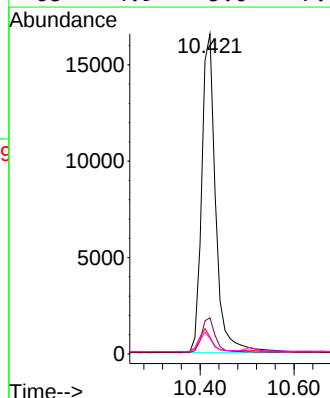
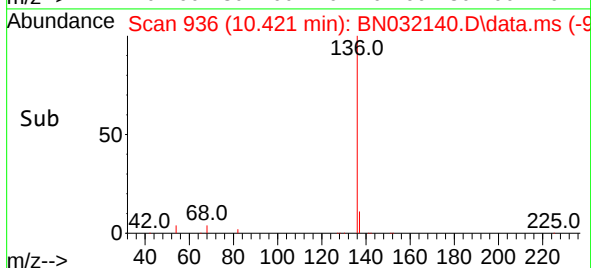
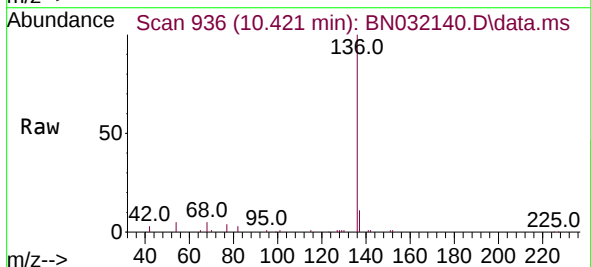


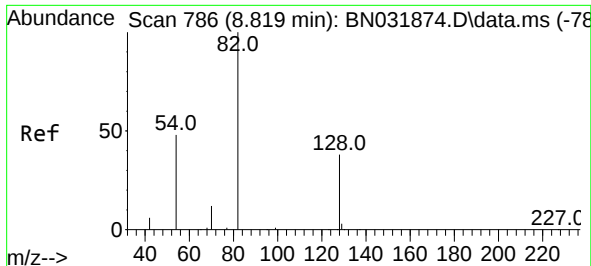
Tgt Ion: 99 Resp: 5309
Ion Ratio Lower Upper
99 100
42 13.6 12.8 19.2
71 35.5 25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.421 min Scan# 936
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

Tgt Ion: 136 Resp: 34184
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 5.3 5.6 8.4#
68 4.9 5.0 7.4#

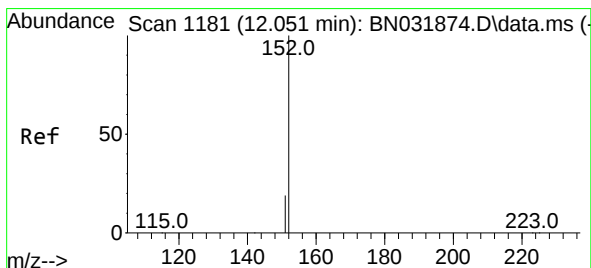
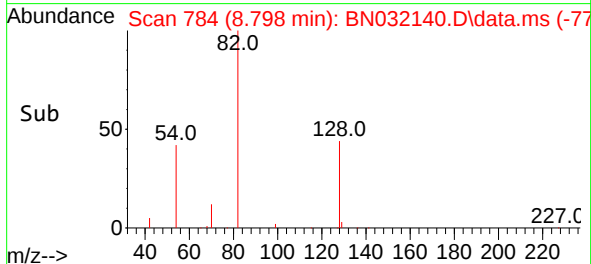
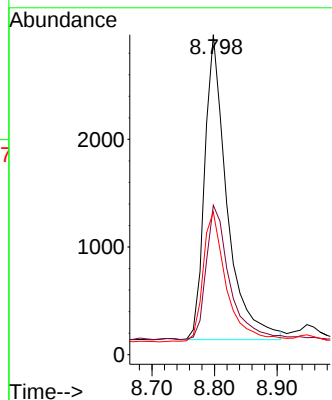
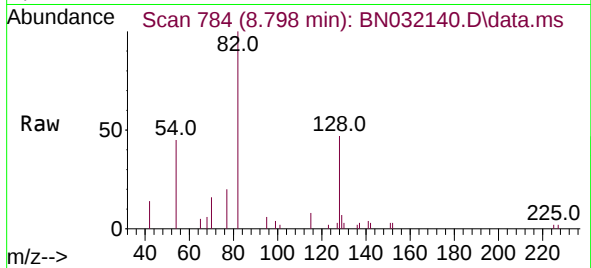




#8
Nitrobenzene-d5
Concen: 0.247 ng
RT: 8.798 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

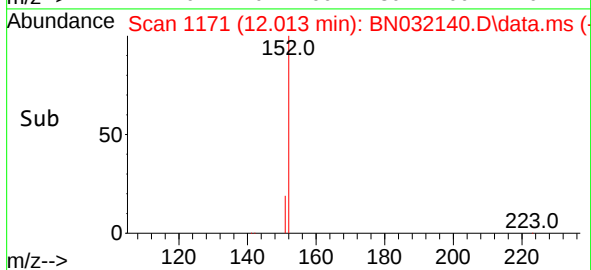
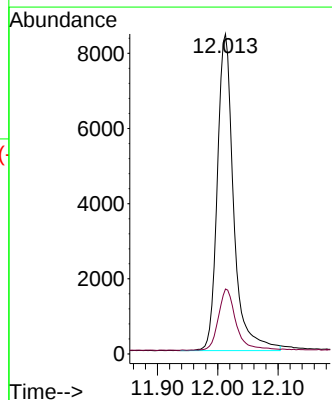
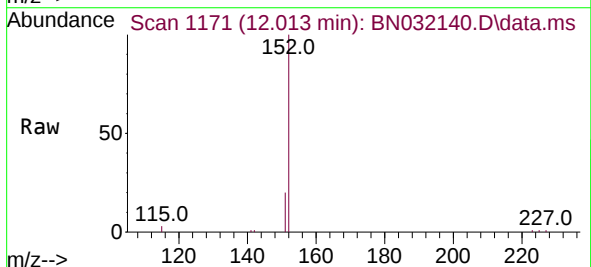
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-620-622

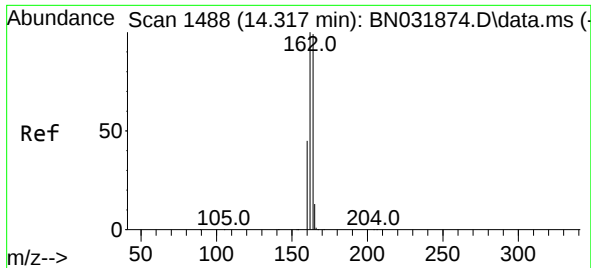
Tgt Ion: 82 Resp: 7022
Ion Ratio Lower Upper
82 100
128 46.7 32.1 48.1
54 44.6 39.7 59.5



#11
2-Methylnaphthalene-d10
Concen: 0.291 ng
RT: 12.013 min Scan# 1171
Delta R.T. -0.008 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

Tgt Ion: 152 Resp: 15830
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5

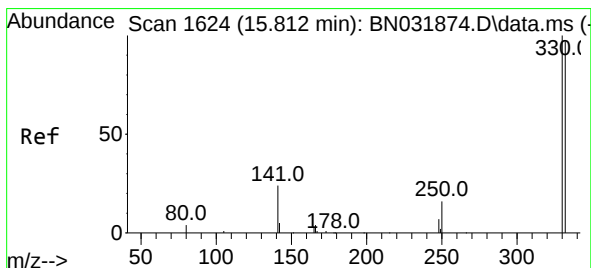
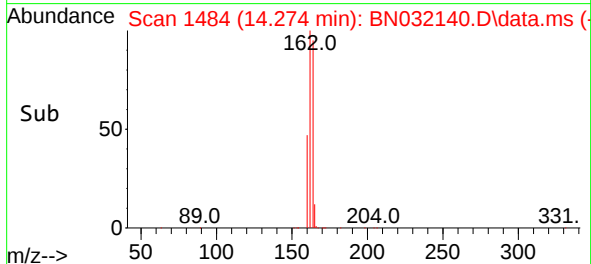
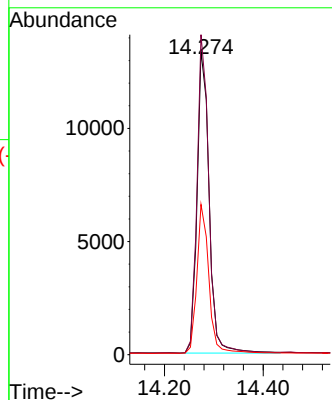
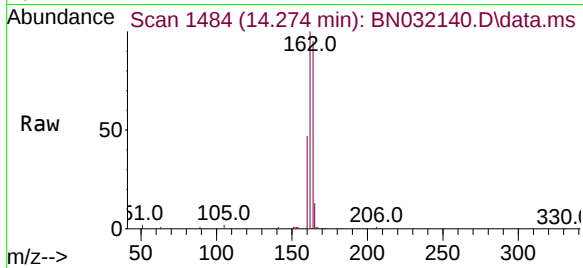




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 1488
Delta R.T. -0.011 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

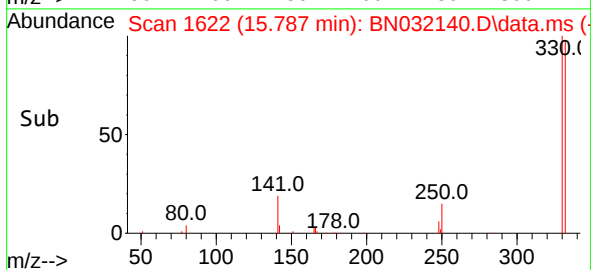
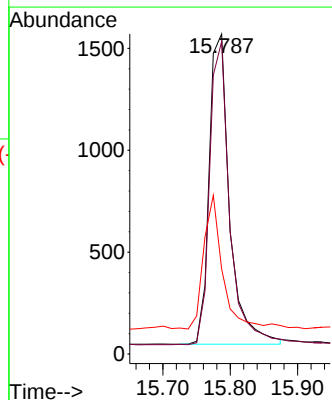
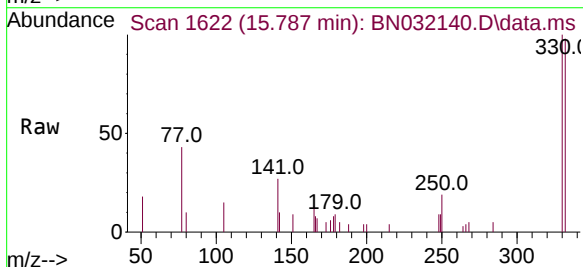
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-620-622

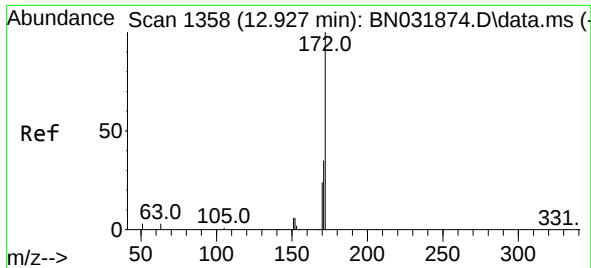
Tgt Ion:164 Resp: 22697
Ion Ratio Lower Upper
164 100
162 105.5 80.7 121.1
160 49.5 36.2 54.4



#14
2,4,6-Tribromophenol
Concen: 0.295 ng
RT: 15.787 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

Tgt Ion:330 Resp: 3214
Ion Ratio Lower Upper
330 100
332 95.9 77.5 116.3
141 39.8 34.7 52.1

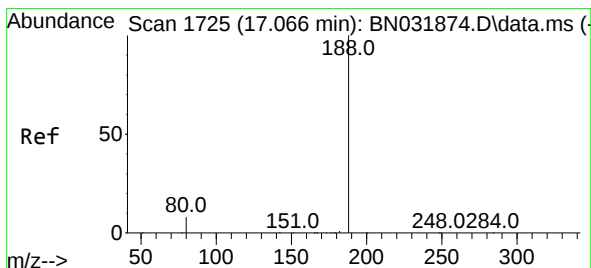
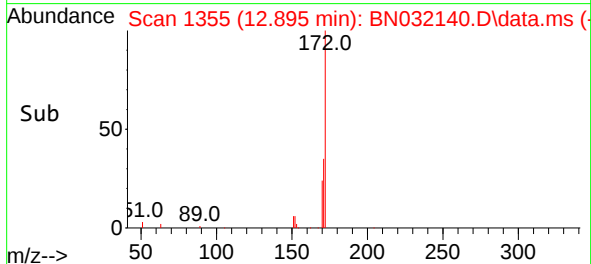
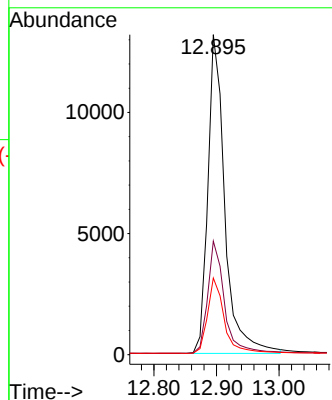
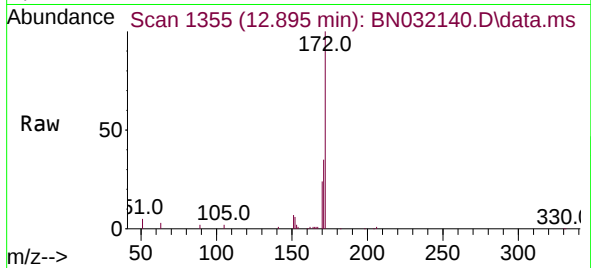




#15
2-Fluorobiphenyl
Concen: 0.288 ng
RT: 12.895 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

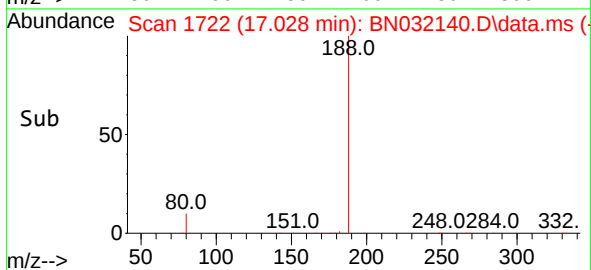
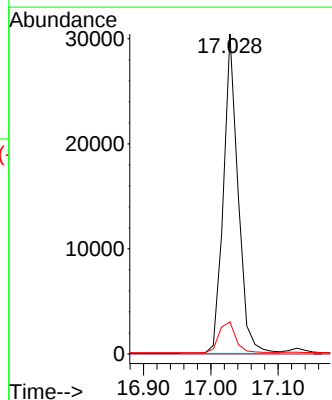
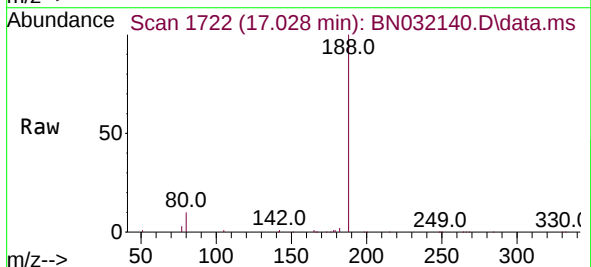
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BP-VPB-196-GW-620-622

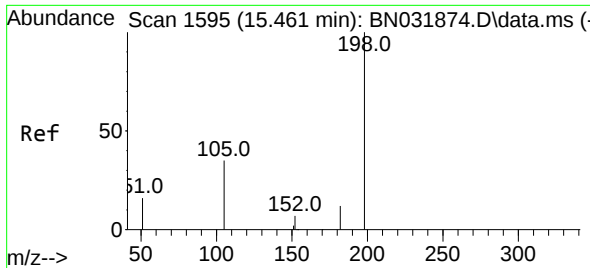
Tgt Ion:172 Resp: 24756
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 24.0 19.2 28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.028 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

Tgt Ion:188 Resp: 45840
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 6.4 9.6#

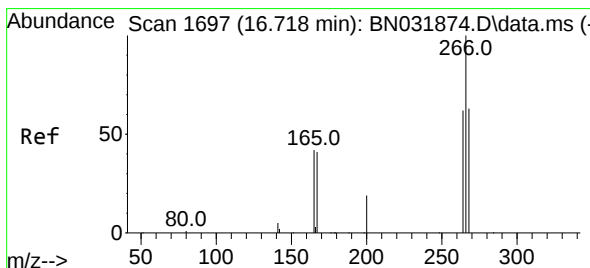
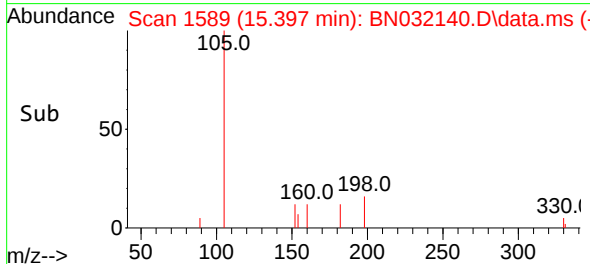
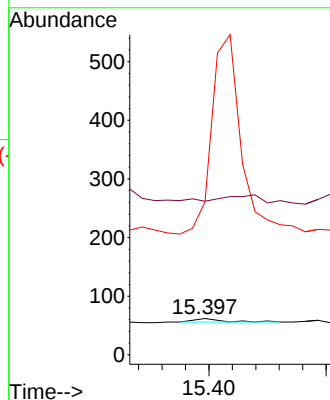
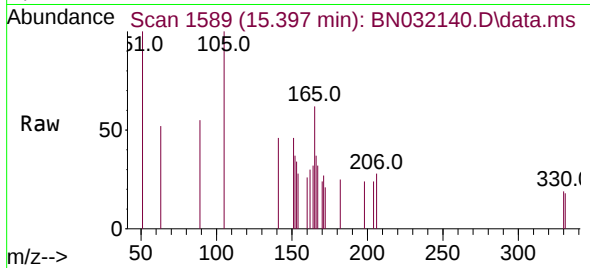




#20
4,6-Dinitro-2-methylphenol
Concen: 0.176 ng
RT: 15.397 min Scan# 1589
Delta R.T. -0.043 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

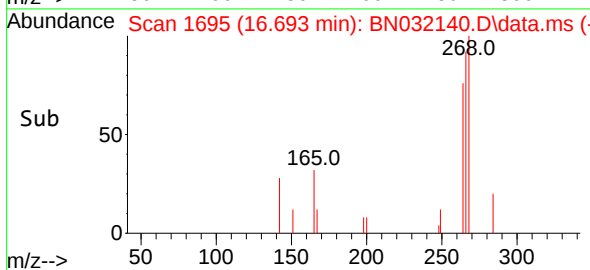
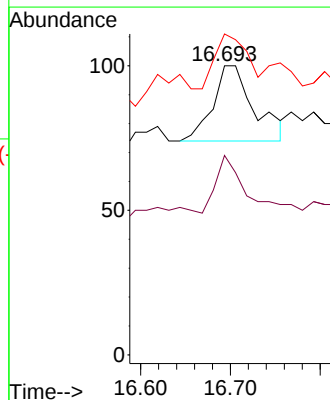
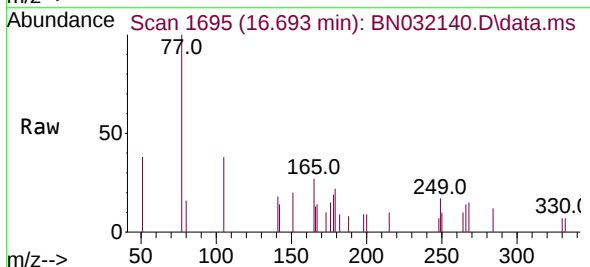
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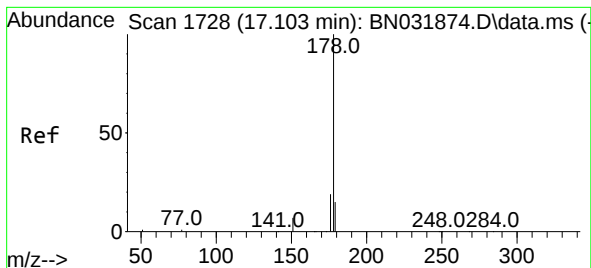
Tgt Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 422.6 42.7 64.1#
105 421.0 41.8 62.8#



#24
Pentachlorophenol
Concen: 0.175 ng
RT: 16.693 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

Tgt Ion:266 Resp: 83
Ion Ratio Lower Upper
266 100
264 47.0 50.0 75.0#
268 56.6 51.0 76.6





#25

Phenanthrene

Concen: 0.026 ng

RT: 17.066 min Scan# 1733

Delta R.T. -0.013 min

Lab File: BN032140.D

Acq: 21 Jun 2024 20:23

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-620-622

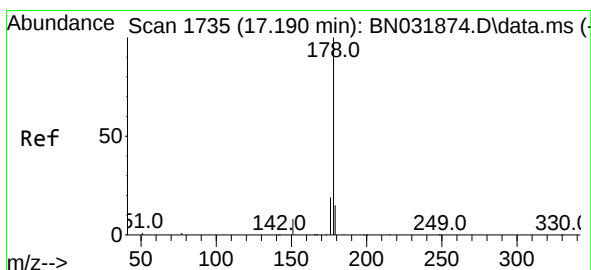
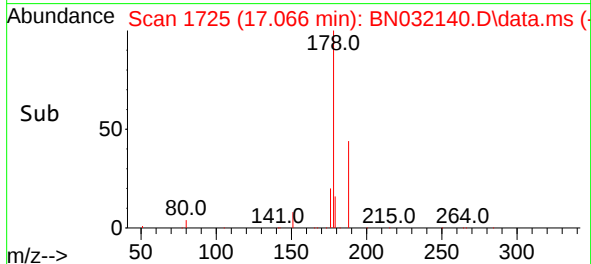
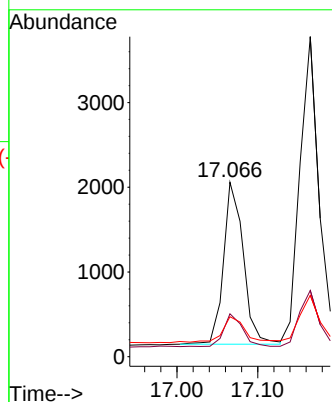
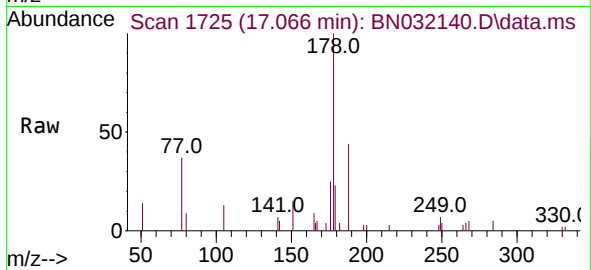
Tgt Ion:178 Resp: 3257

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

179 17.1 12.2 18.2



#26

Anthracene

Concen: 0.051 ng

RT: 17.165 min Scan# 1733

Delta R.T. -0.000 min

Lab File: BN032140.D

Acq: 21 Jun 2024 20:23

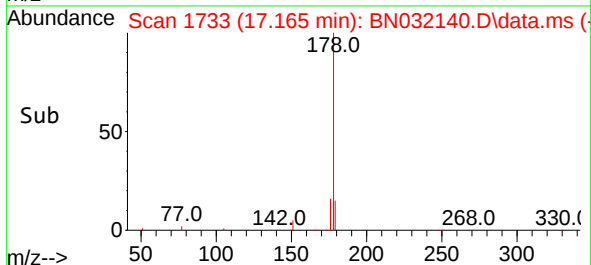
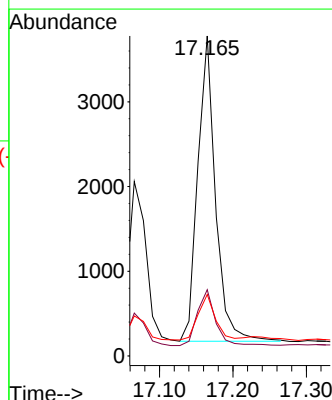
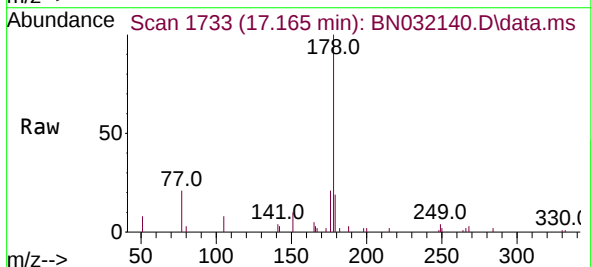
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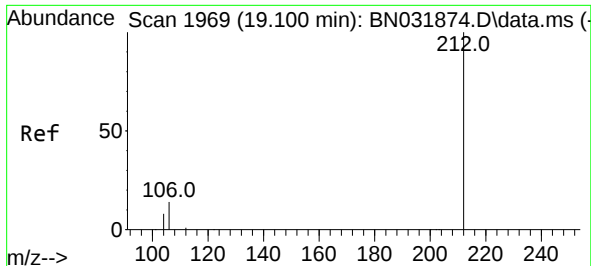
Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

179 14.3 12.2 18.2

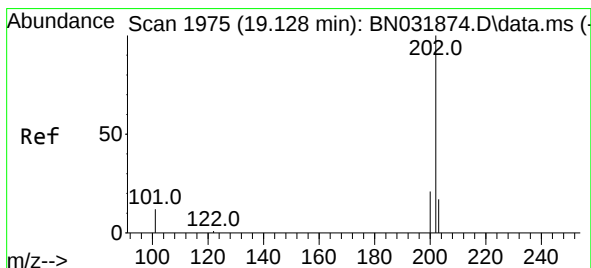
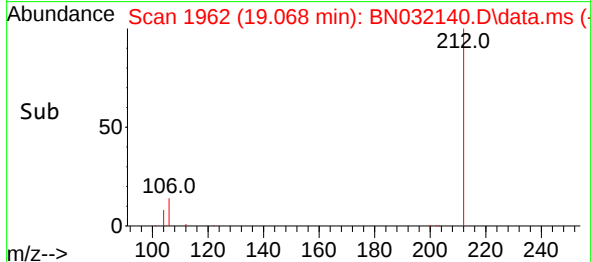
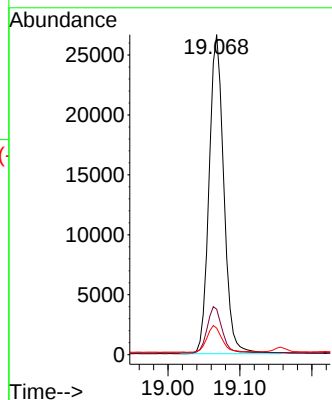
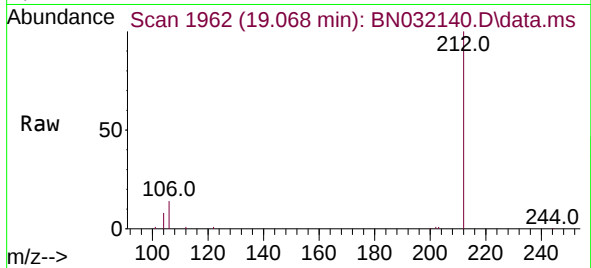




#27
Fluoranthene-d10
Concen: 0.302 ng
RT: 19.068 min Scan# 1968
Delta R.T. -0.005 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

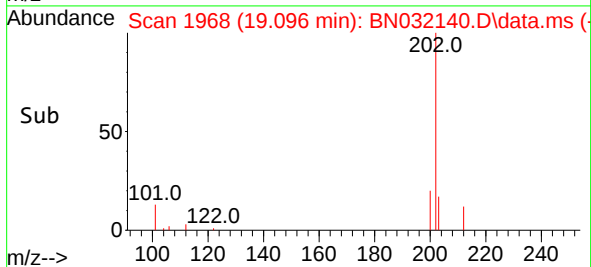
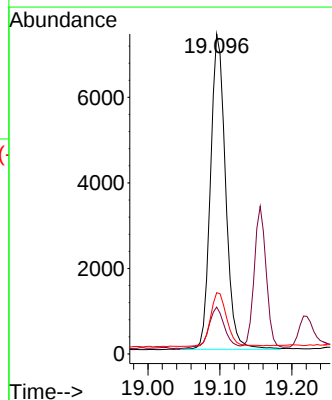
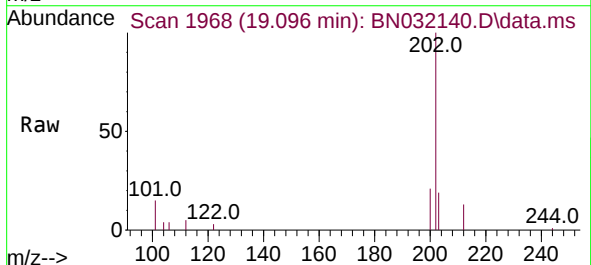
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-620-622

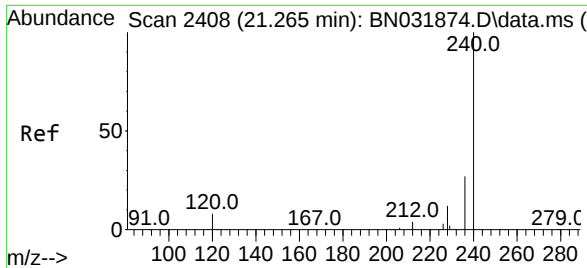
Tgt Ion:212 Resp: 37689
Ion Ratio Lower Upper
212 100
106 14.7 11.8 17.8
104 8.6 6.6 10.0



#28
Fluoranthene
Concen: 0.069 ng
RT: 19.096 min Scan# 1968
Delta R.T. -0.005 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

Tgt Ion:202 Resp: 10718
Ion Ratio Lower Upper
202 100
101 13.9 9.8 14.6
203 18.4 13.7 20.5

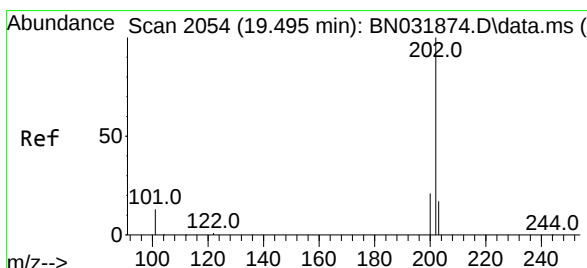
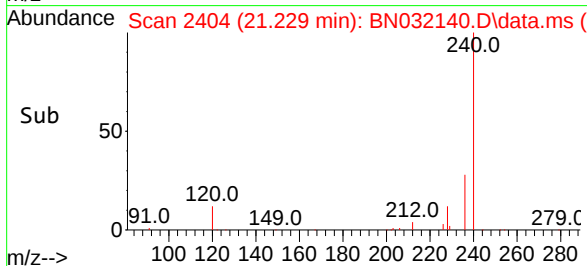
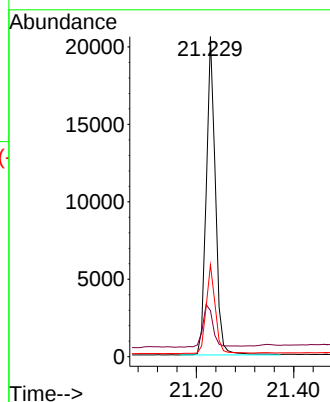
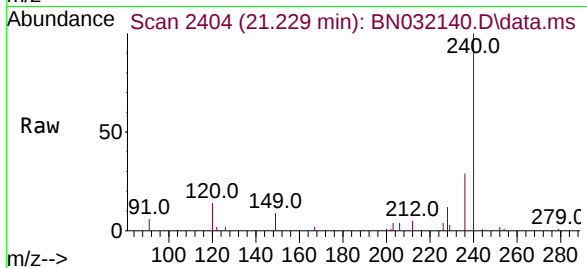




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

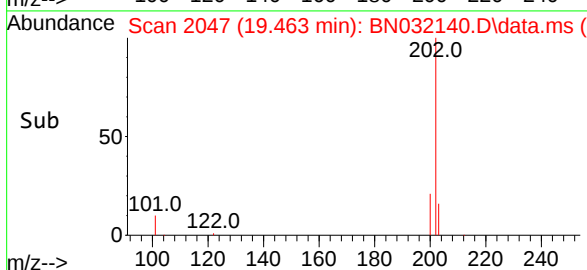
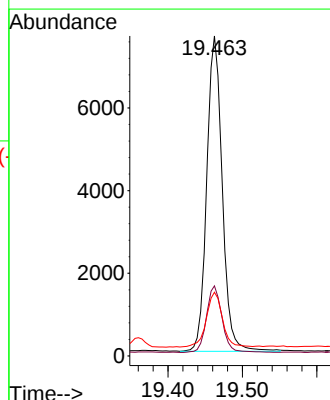
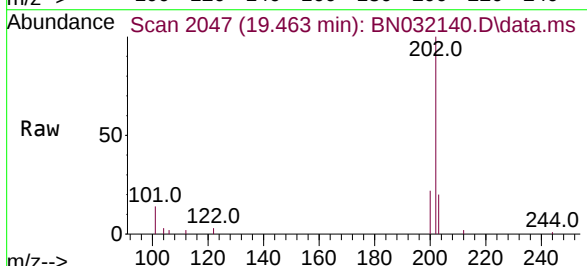
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-620-622

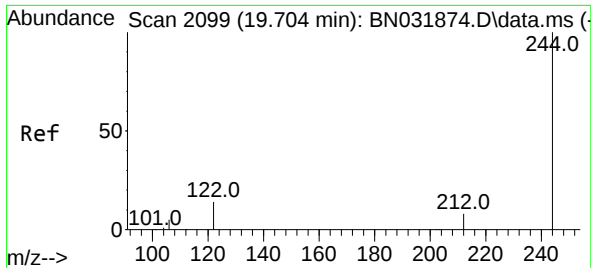
Tgt Ion:240 Resp: 26824
Ion Ratio Lower Upper
240 100
120 14.4 8.2 12.4#
236 28.7 21.8 32.8



#30
Pyrene
Concen: 0.104 ng
RT: 19.463 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

Tgt Ion:202 Resp: 11039
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 18.3 14.3 21.5

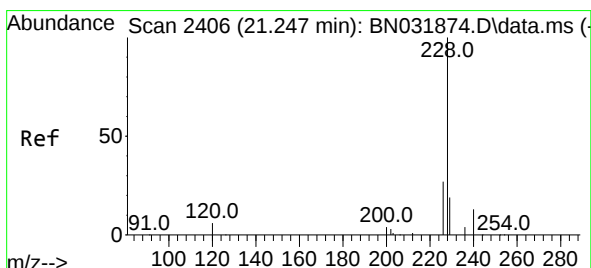
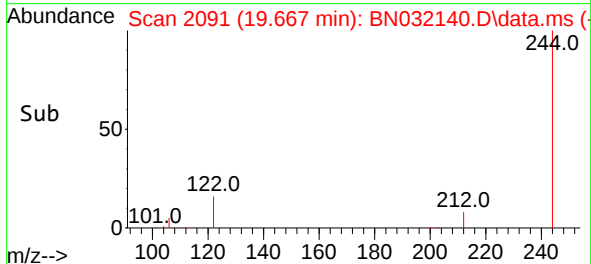
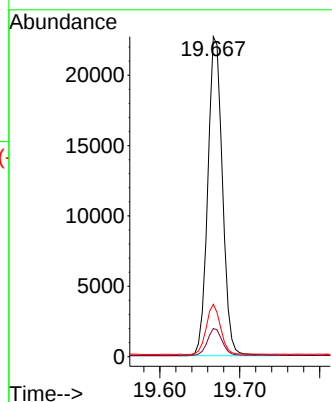
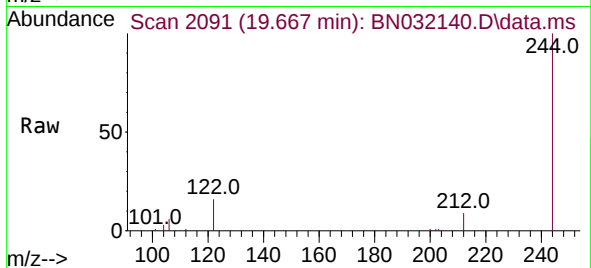




#31
 Terphenyl-d14
 Concen: 0.440 ng
 RT: 19.667 min Scan# 2091
 Delta R.T. -0.005 min
 Lab File: BN032140.D
 Acq: 21 Jun 2024 20:23

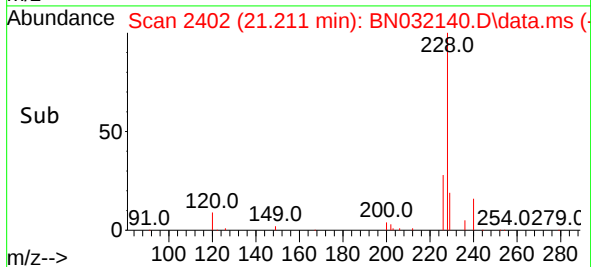
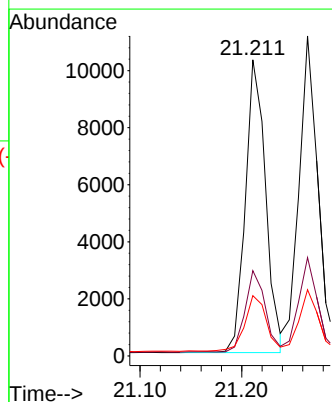
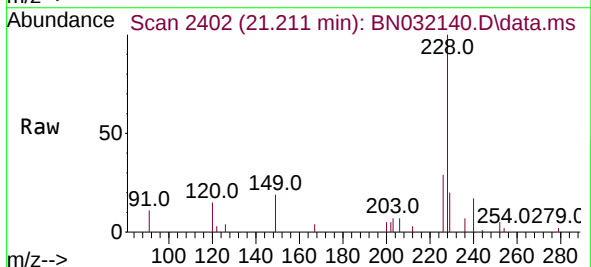
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-620-622

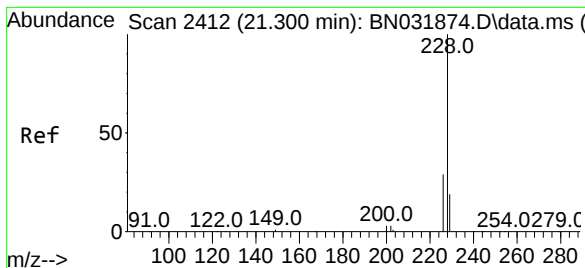
Tgt Ion:244 Resp: 28864
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.5 9.7
 122 16.4 11.4 17.0



#32
 Benzo(a)anthracene
 Concen: 0.140 ng
 RT: 21.211 min Scan# 2402
 Delta R.T. -0.000 min
 Lab File: BN032140.D
 Acq: 21 Jun 2024 20:23

Tgt Ion:228 Resp: 14156
 Ion Ratio Lower Upper
 228 100
 226 28.8 21.8 32.6
 229 20.4 15.8 23.8





#33

Chrysene

Concen: 0.147 ng

RT: 21.265 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BN032140.D

Acq: 21 Jun 2024 20:23

Instrument :

BNA_N

ClientSampleId :

BP-VPB-196-GW-620-622

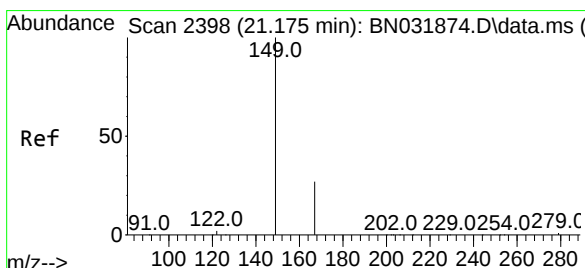
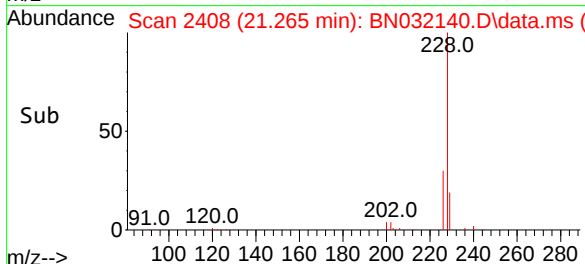
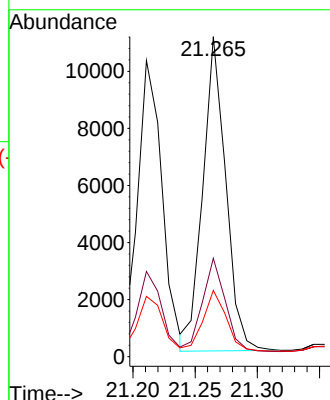
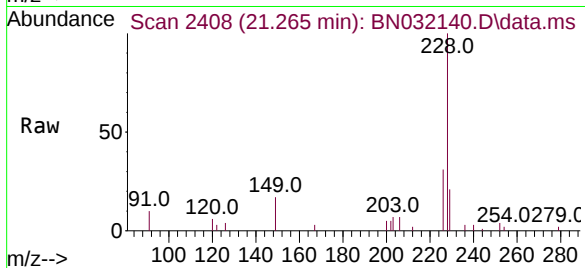
Tgt Ion:228 Resp: 14088

Ion Ratio Lower Upper

228 100

226 30.8 23.6 35.4

229 20.7 15.8 23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.544 ng

RT: 21.139 min Scan# 2394

Delta R.T. -0.009 min

Lab File: BN032140.D

Acq: 21 Jun 2024 20:23

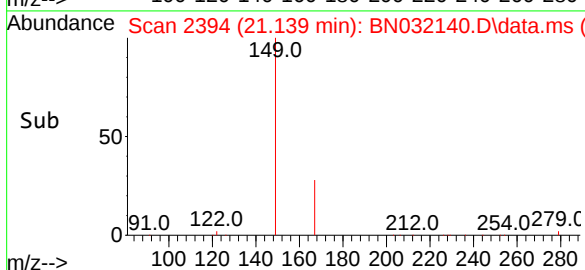
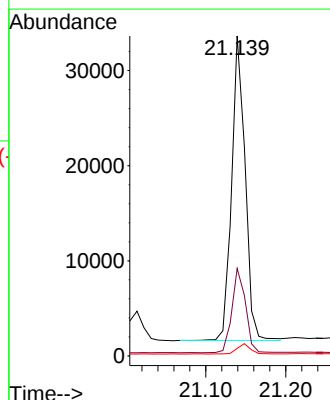
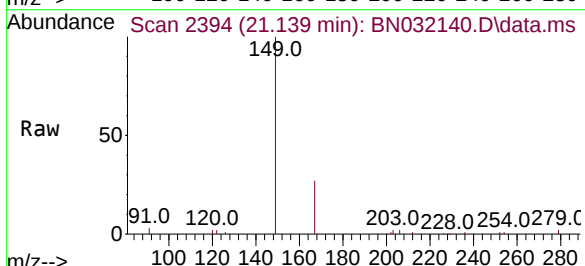
Tgt Ion:149 Resp: 37526

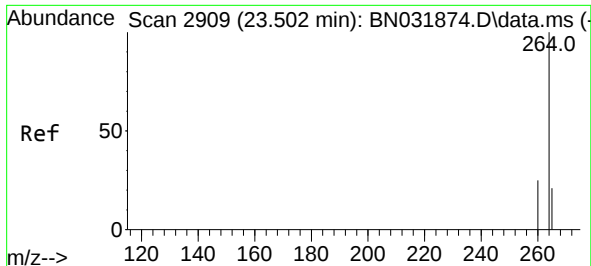
Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

279 3.3 2.9 4.3

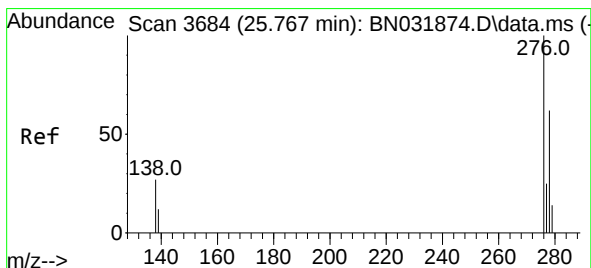
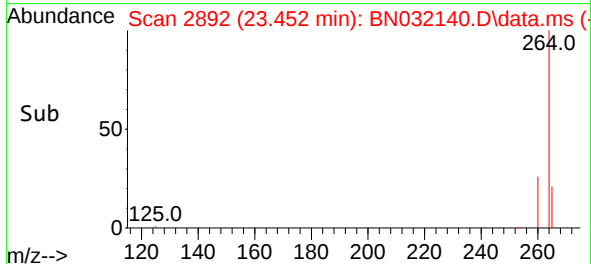
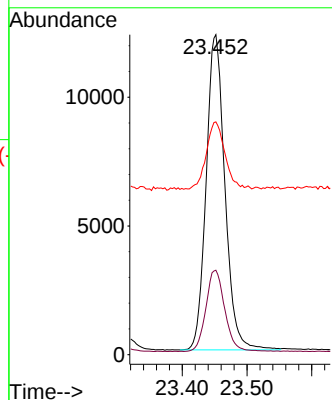
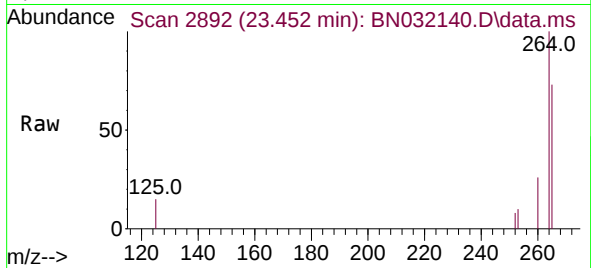




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.452 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

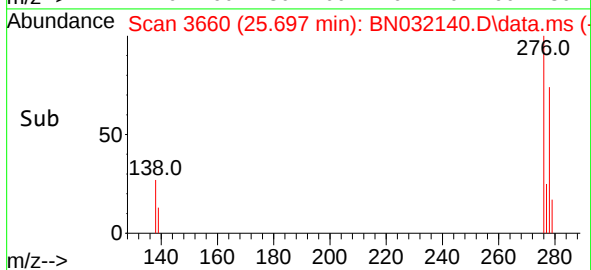
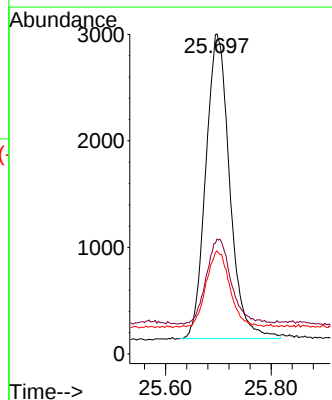
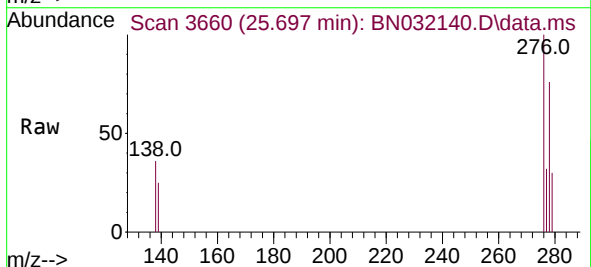
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-620-622

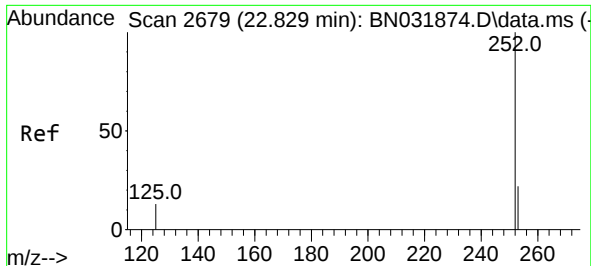
Tgt Ion:264 Resp: 24650
Ion Ratio Lower Upper
264 100
260 26.4 20.5 30.7
265 72.7 39.6 59.4#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.098 ng
RT: 25.697 min Scan# 3660
Delta R.T. 0.003 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

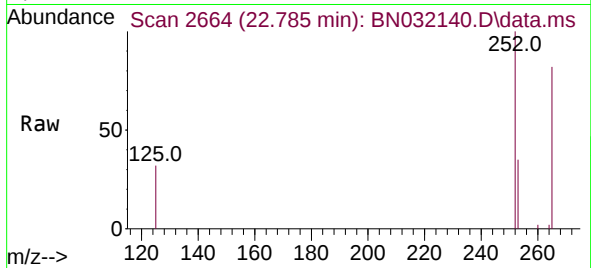
Tgt Ion:276 Resp: 8999
Ion Ratio Lower Upper
276 100
138 28.7 21.5 32.3
277 24.1 19.8 29.8



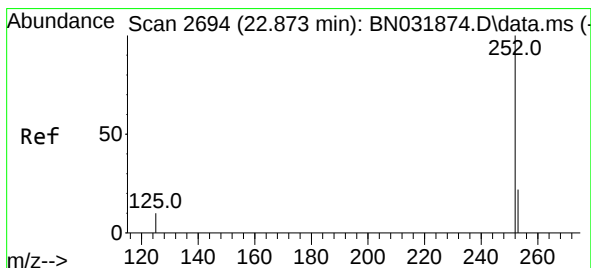
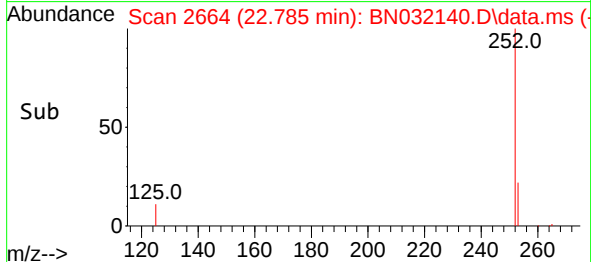
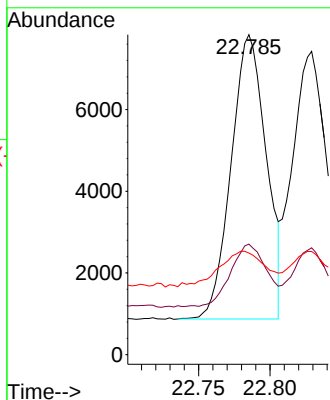


#37
Benzo(b)fluoranthene
Concen: 0.132 ng
RT: 22.785 min Scan# 2664
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-620-622

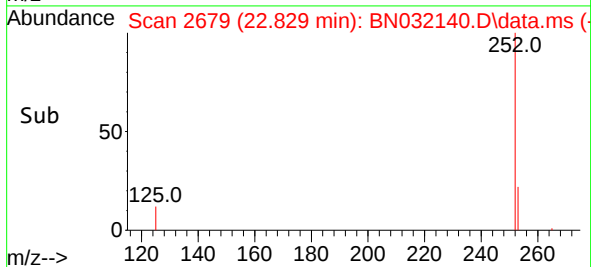
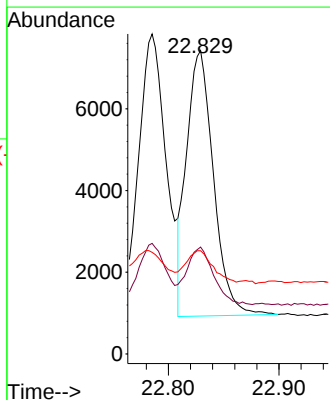
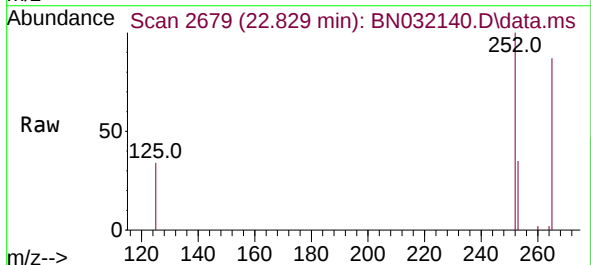


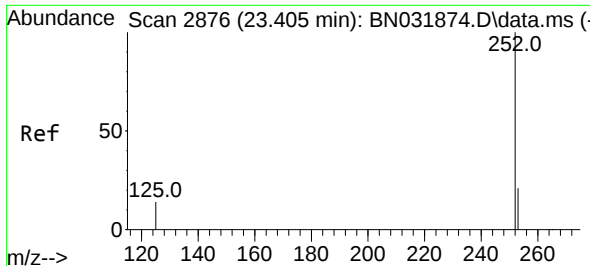
Tgt Ion:252 Resp: 11881
Ion Ratio Lower Upper
252 100
253 34.6 20.2 30.2#
125 31.8 14.2 21.4#



#38
Benzo(k)fluoranthene
Concen: 0.129 ng
RT: 22.829 min Scan# 2679
Delta R.T. -0.000 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

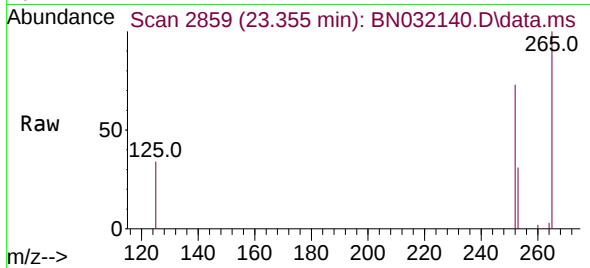
Tgt Ion:252 Resp: 10974
Ion Ratio Lower Upper
252 100
253 35.2 19.9 29.9#
125 34.0 13.0 19.4#



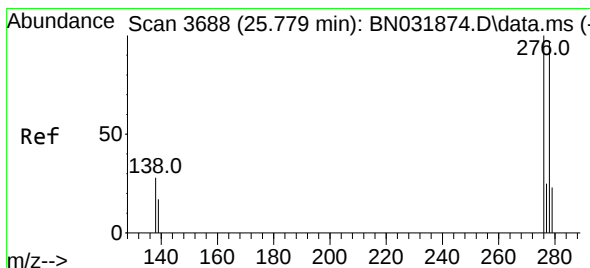
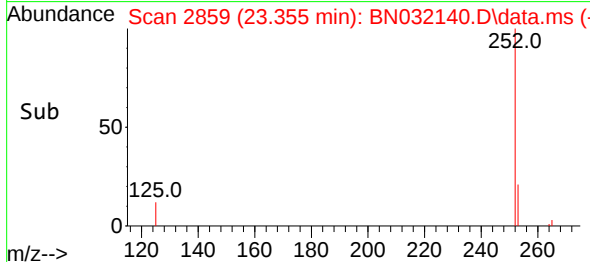
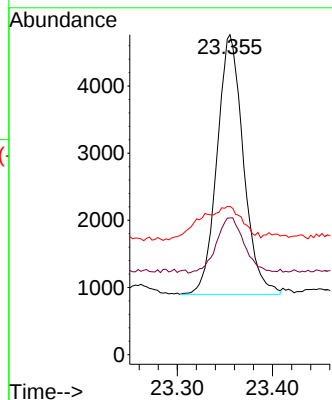


#39
Benzo(a)pyrene
Concen: 0.096 ng
RT: 23.355 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-GW-620-622

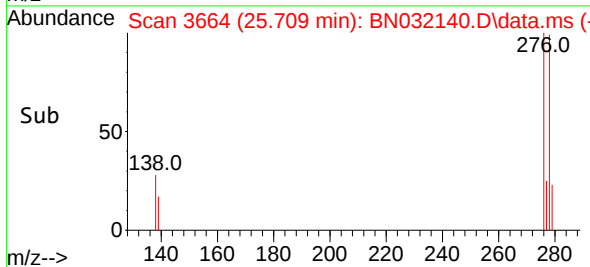
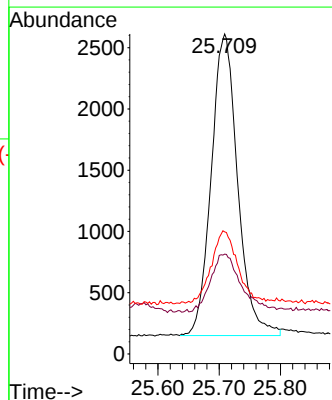
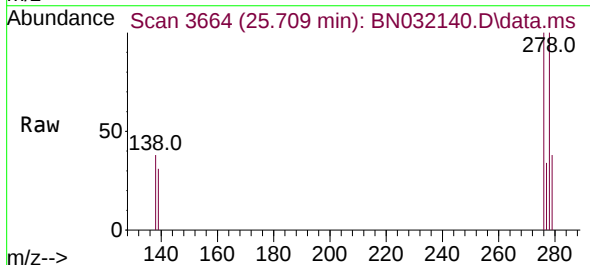


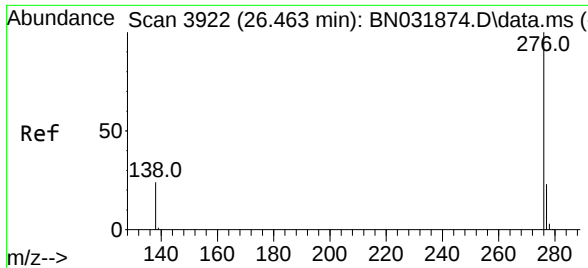
Tgt Ion:252 Resp: 7408
Ion Ratio Lower Upper
252 100
253 42.7 20.5 30.7#
125 46.4 16.4 24.6#



#40
Dibenzo(a,h)anthracene
Concen: 0.102 ng
RT: 25.709 min Scan# 3664
Delta R.T. 0.003 min
Lab File: BN032140.D
Acq: 21 Jun 2024 20:23

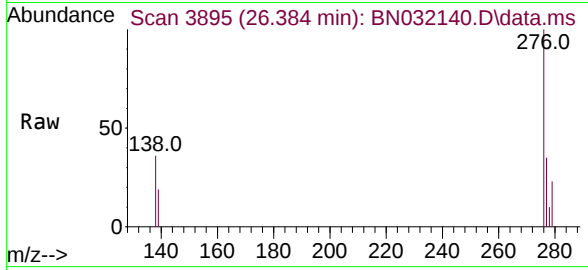
Tgt Ion:278 Resp: 7378
Ion Ratio Lower Upper
278 100
139 31.2 17.0 25.4#
279 38.2 21.4 32.0#





#41
 Benzo(g,h,i)perylene
 Concen: 0.080 ng
 RT: 26.384 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BN032140.D
 Acq: 21 Jun 2024 20:23

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-GW-620-622



Tgt Ion:276 Resp: 6226
 Ion Ratio Lower Upper
 276 100
 277 35.0 20.2 30.2#
 138 36.1 20.6 31.0#

