

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100422\
 Data File : BN022008.D
 Acq On : 04 Oct 2022 15:37
 Operator : CG/JU
 Sample : N4971-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-02-231-251-100322-FD

Quant Time: Oct 04 23:04:59 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 01:32:21 2022
 Response via : Initial Calibration

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

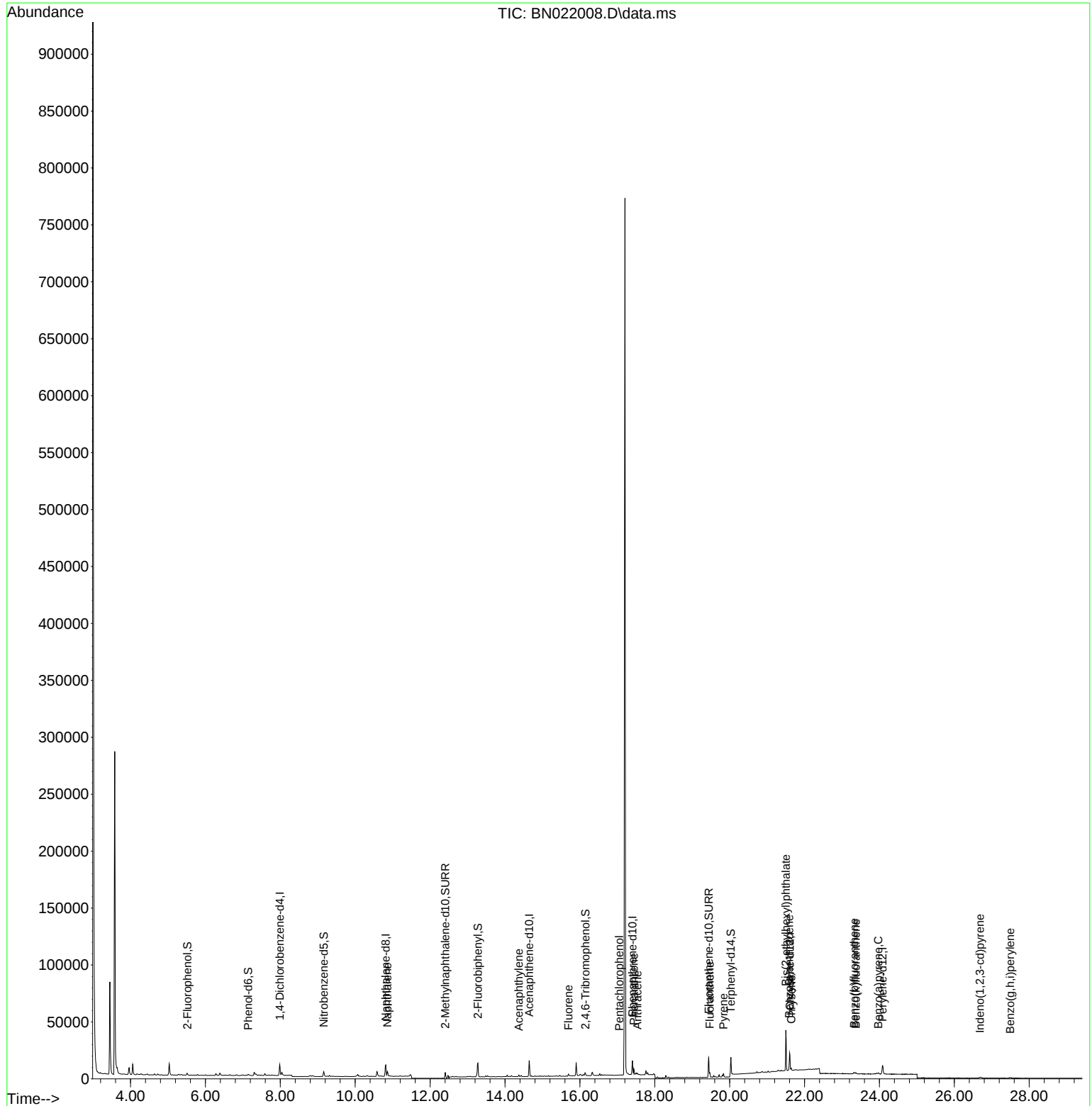
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.985	152	4458	0.400	ng	0.00
7) Naphthalene-d8	10.816	136	14108	0.400	ng	0.00
13) Acenaphthene-d10	14.646	164	7768	0.400	ng	0.00
19) Phenanthrene-d10	17.403	188	15740	0.400	ng	# 0.00
29) Chrysene-d12	21.608	240	13700	0.400	ng	0.00
35) Perylene-d12	24.084	264	11463	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.515	112	1460	0.141	ng	0.00
5) Phenol-d6	7.140	99	1105	0.082	ng	0.00
8) Nitrobenzene-d5	9.161	82	3890	0.343	ng	0.00
11) 2-Methylnaphthalene-d10	12.406	152	7009	0.270	ng	0.00
14) 2,4,6-Tribromophenol	16.150	330	1267	0.428	ng	0.00
15) 2-Fluorobiphenyl	13.278	172	11227	0.331	ng	0.00
27) Fluoranthene-d10	19.441	212	17382	0.415	ng	0.00
31) Terphenyl-d14	20.032	244	11324	0.411	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.859	128	5799	0.136	ng	97
16) Acenaphthylene	14.368	152	1316	0.036	ng	97
18) Fluorene	15.694	166	1159	0.037	ng	# 99
24) Pentachlorophenol	17.056	266	82	0.022	ng	86
25) Phenanthrene	17.441	178	5189	0.096	ng	98
26) Anthracene	17.540	178	1661	0.038	ng	# 90
28) Fluoranthene	19.470	202	3076	0.053	ng	# 86
30) Pyrene	19.833	202	2636	0.044	ng	# 93
32) Benzo(a)anthracene	21.591	228	2044	0.040	ng	# 83
33) Chrysene	21.644	228	1757	0.031	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.501	149	33190	1.343	ng	98
36) Indeno(1,2,3-cd)pyrene	26.686	276	1165	0.020	ng	# 88
37) Benzo(b)fluoranthene	23.324	252	1858	0.034	ng	# 1
38) Benzo(k)fluoranthene	23.367	252	1226	0.023	ng	# 1
39) Benzo(a)pyrene	23.970	252	1382	0.033	ng	# 1
41) Benzo(g,h,i)perylene	27.496	276	1103	0.022	ng	# 60

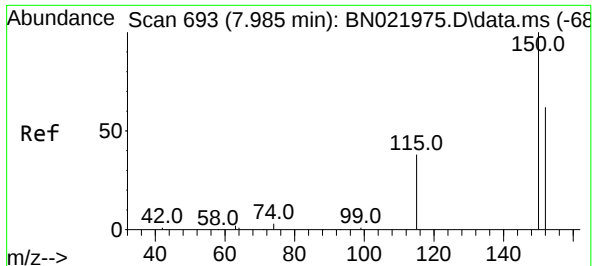
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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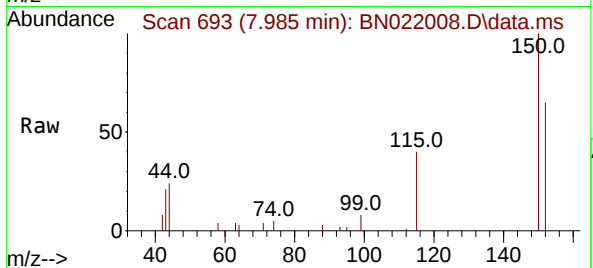
Quant Time: Oct 04 23:04:59 2022
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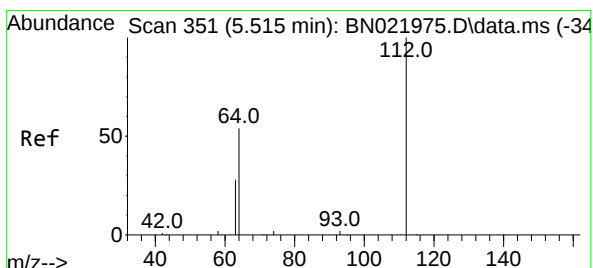
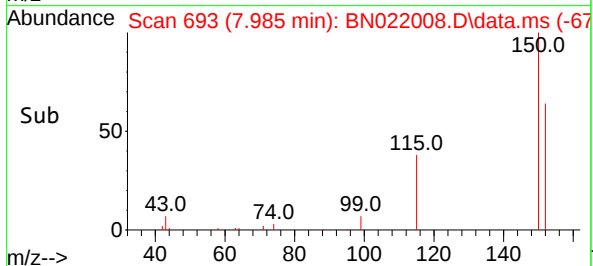
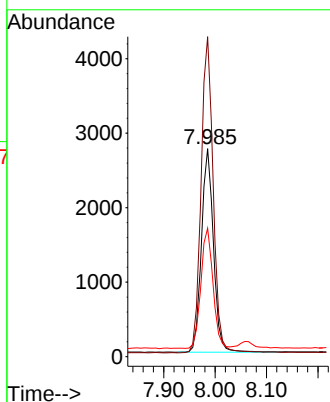


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.985 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: BN022008.D
 Acq: 04 Oct 2022 15:37

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-02-231-251-100322-FD

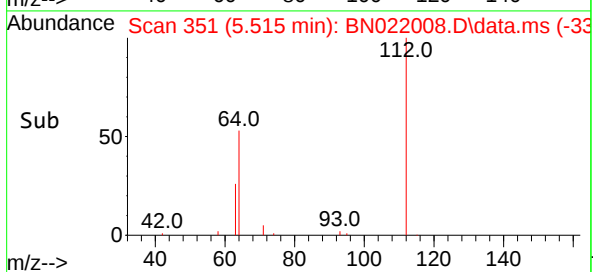
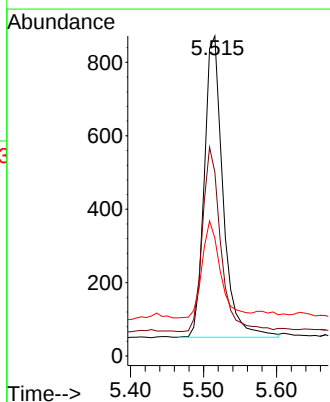
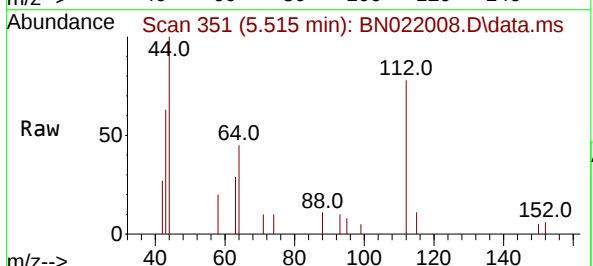


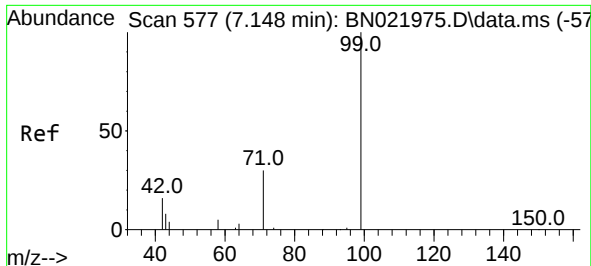
Tgt Ion:152 Resp: 4458
 Ion Ratio Lower Upper
 152 100
 150 153.9 127.2 190.8
 115 61.8 51.4 77.0



#4
 2-Fluorophenol
 Concen: 0.141 ng
 RT: 5.515 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: BN022008.D
 Acq: 04 Oct 2022 15:37

Tgt Ion:112 Resp: 1460
 Ion Ratio Lower Upper
 112 100
 64 59.9 46.9 70.3
 63 31.6 24.6 37.0

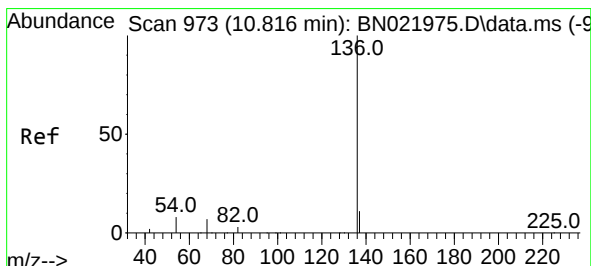
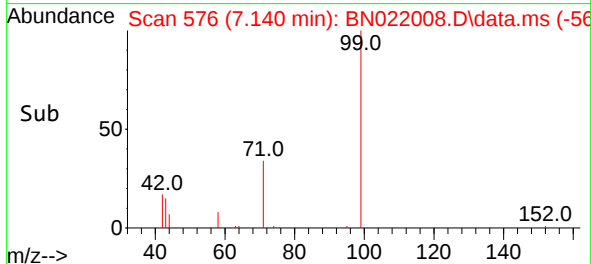
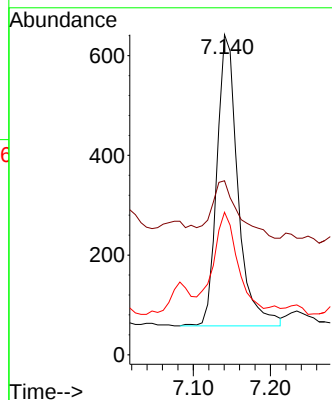
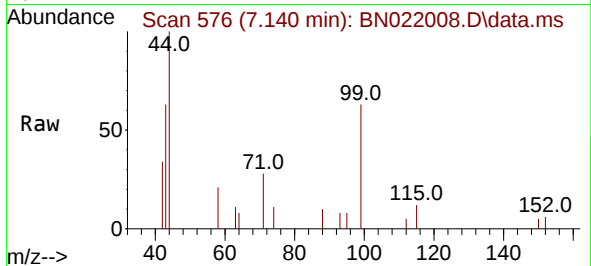




#5
Phenol-d6
Concen: 0.082 ng
RT: 7.140 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

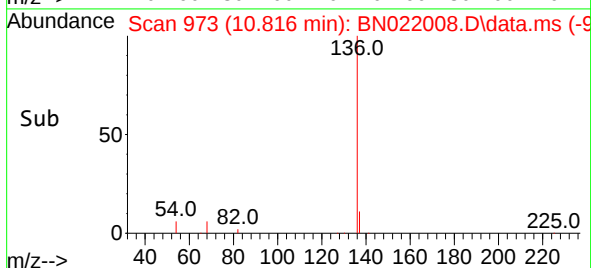
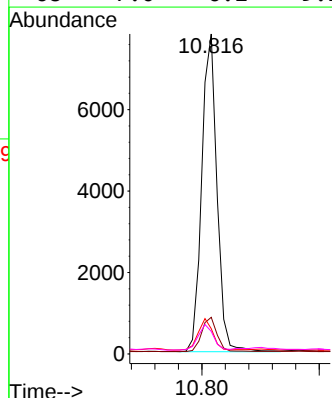
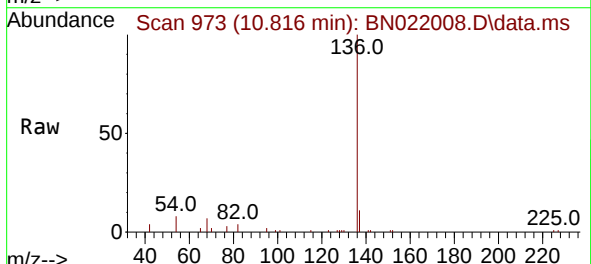
Instrument :
BNA_N
ClientSampleId :
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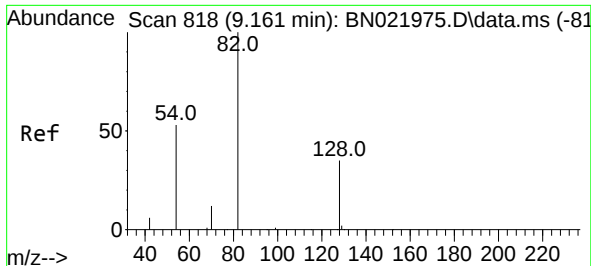
Tgt Ion: 99 Resp: 1105
Ion Ratio Lower Upper
99 100
42 25.2 15.9 23.9#
71 39.9 25.6 38.4#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.816 min Scan# 973
Delta R.T. -0.000 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

Tgt Ion: 136 Resp: 14108
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 7.9 7.1 10.7
68 7.0 6.2 9.2

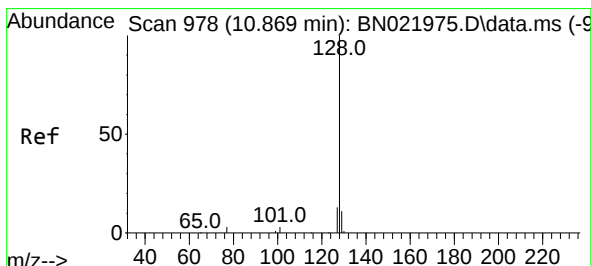
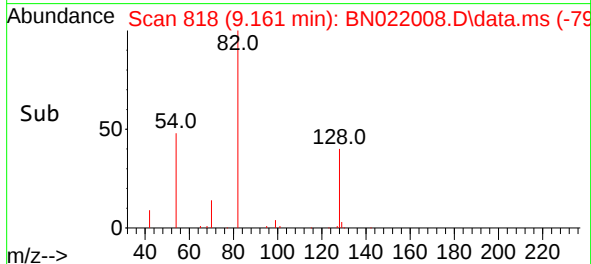
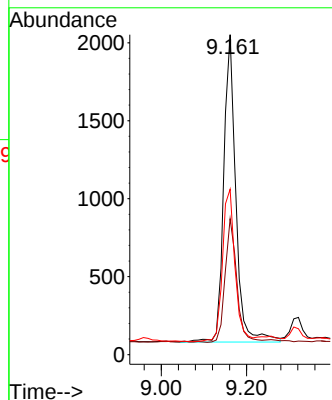
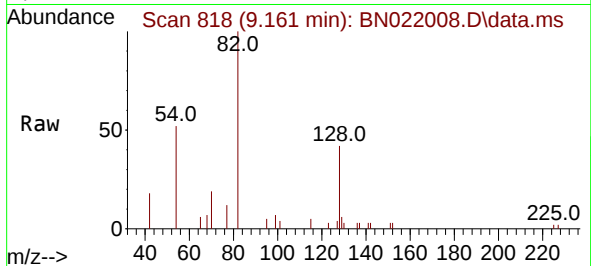




#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 9.161 min Scan# 818
Delta R.T. -0.000 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

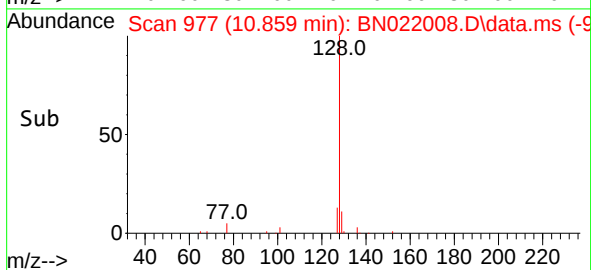
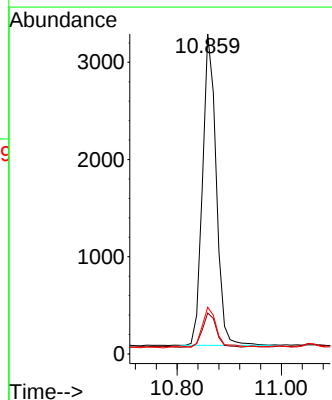
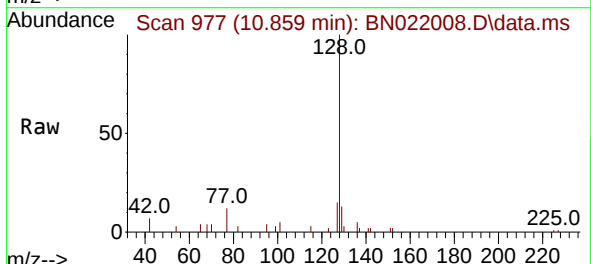
Instrument :
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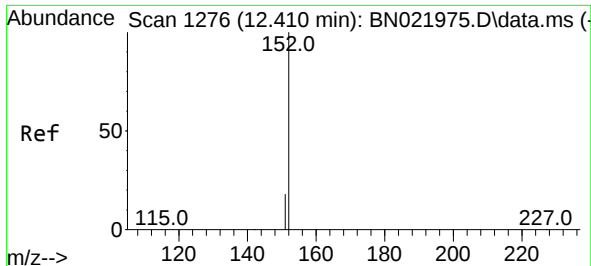
Tgt Ion:	82	Resp:	3890
Ion	Ratio	Lower	Upper
82	100		
128	42.5	29.9	44.9
54	51.7	43.5	65.3



#9
Naphthalene
Concen: 0.136 ng
RT: 10.859 min Scan# 977
Delta R.T. -0.011 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

Tgt Ion:	128	Resp:	5799
Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.3	13.9
127	14.6	10.6	16.0

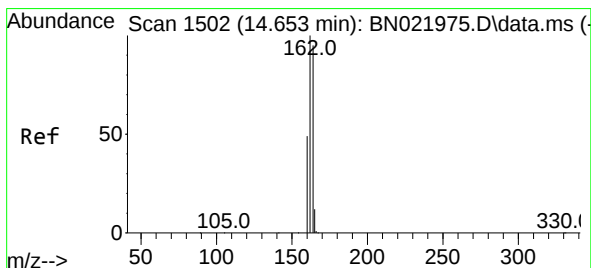
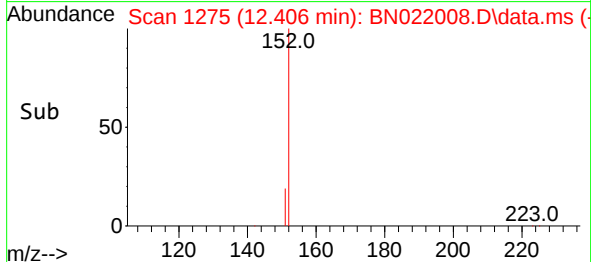
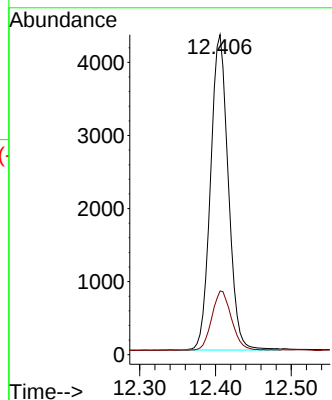
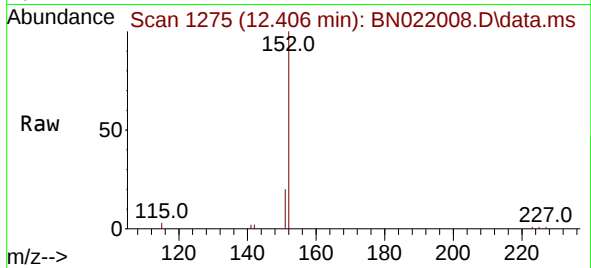




#11
2-Methylnaphthalene-d10
Concen: 0.270 ng
RT: 12.406 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

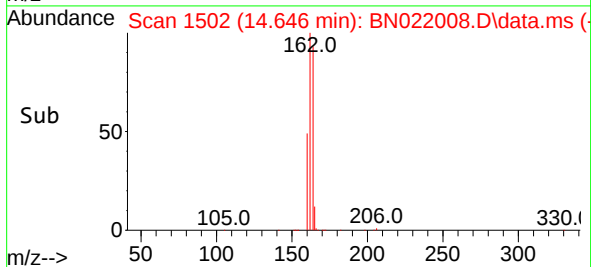
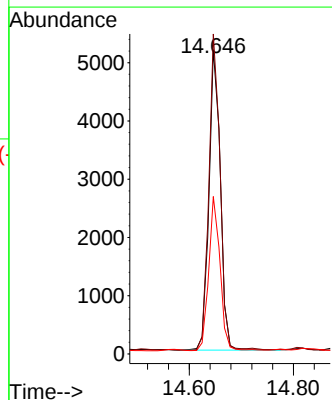
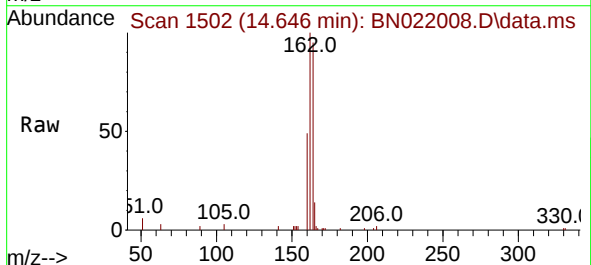
Instrument :
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ClientSampleId :
GWOW-BR-02-231-251-100322-FD

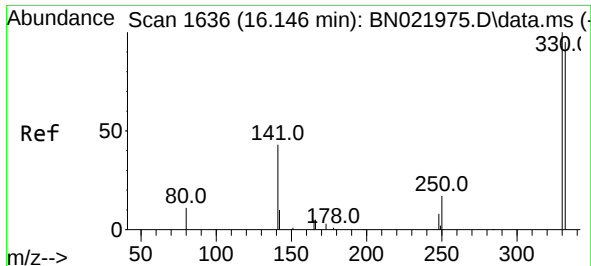
Tgt Ion:152 Resp: 7009
Ion Ratio Lower Upper
152 100
151 20.8 13.8 20.6#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.646 min Scan# 1502
Delta R.T. -0.007 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

Tgt Ion:164 Resp: 7768
Ion Ratio Lower Upper
164 100
162 105.2 84.3 126.5
160 51.8 41.7 62.5

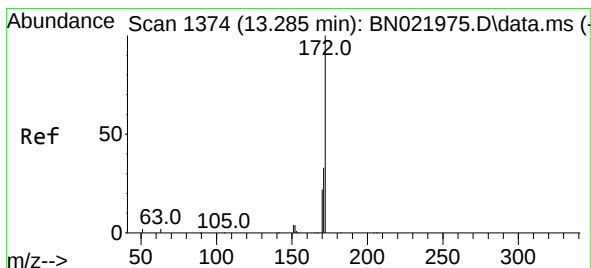
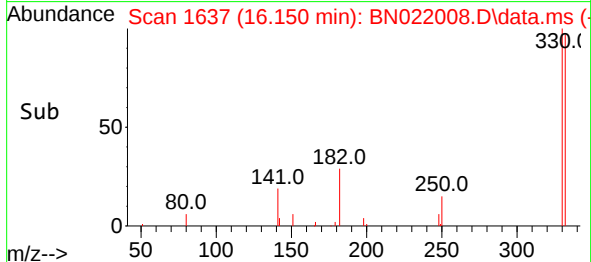
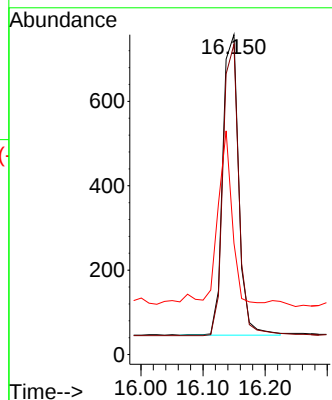
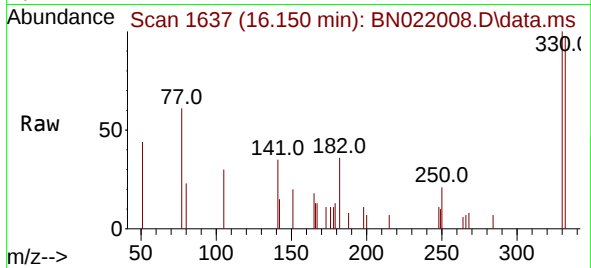




#14
2,4,6-Tribromophenol
Concen: 0.428 ng
RT: 16.150 min Scan# 1637
Delta R.T. 0.004 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

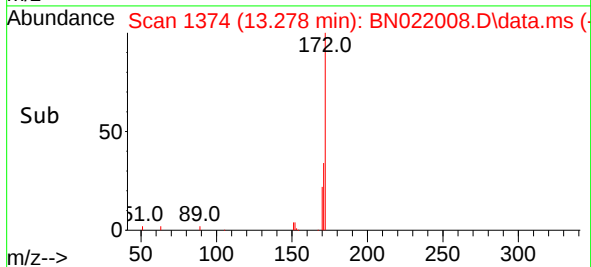
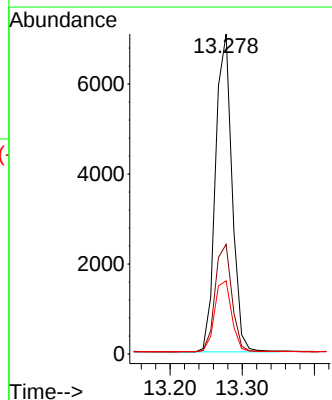
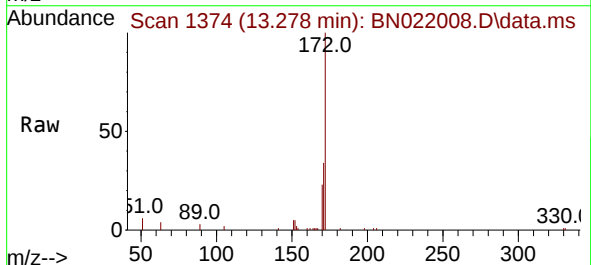
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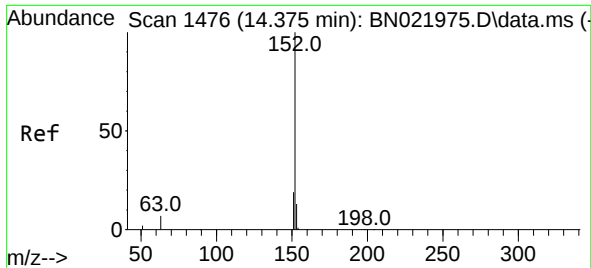
Tgt Ion: 330 Resp: 1267
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 50.4 35.3 52.9



#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 13.278 min Scan# 1374
Delta R.T. -0.007 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

Tgt Ion: 172 Resp: 11227
Ion Ratio Lower Upper
172 100
171 34.3 27.2 40.8
170 22.8 18.3 27.5

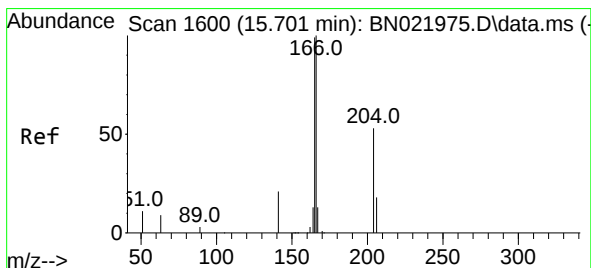
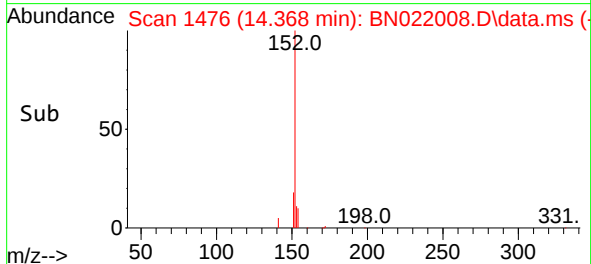
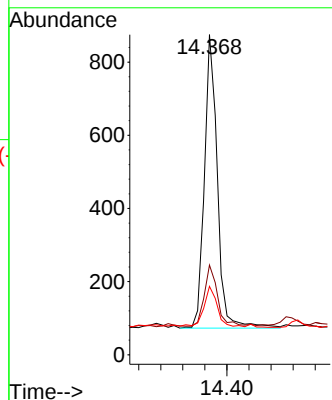
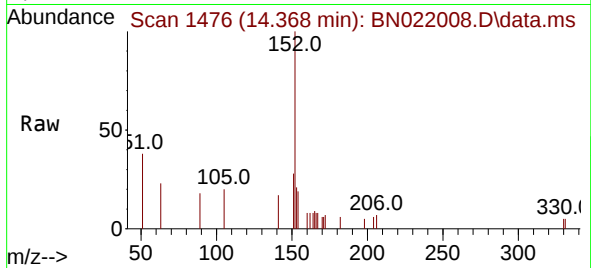




#16
Acenaphthylene
Concen: 0.036 ng
RT: 14.368 min Scan# 1476
Delta R.T. -0.007 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

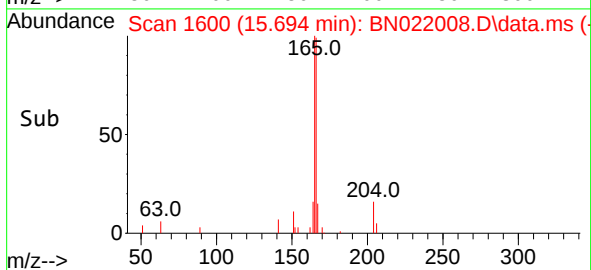
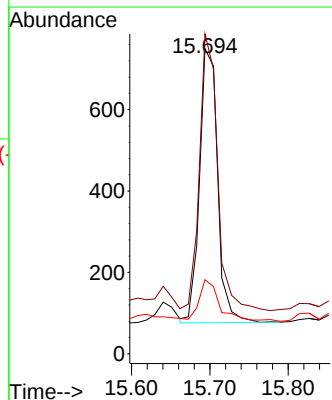
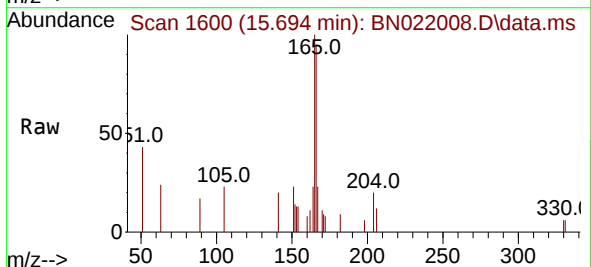
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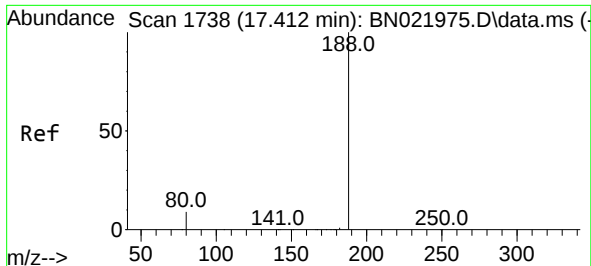
Tgt Ion:	152	Resp:	1316
Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.5	23.3
153	13.8	10.4	15.6



#18
Fluorene
Concen: 0.037 ng
RT: 15.694 min Scan# 1600
Delta R.T. -0.007 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

Tgt Ion:	166	Resp:	1159
Ion	Ratio	Lower	Upper
166	100		
165	100.4	80.0	120.0
167	17.1	10.9	16.3

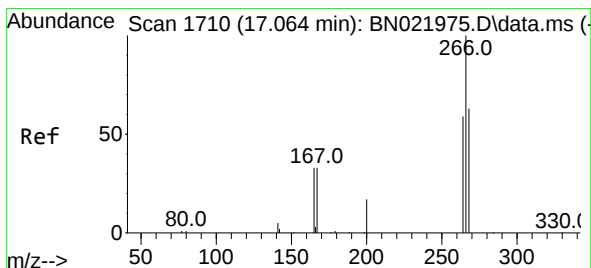
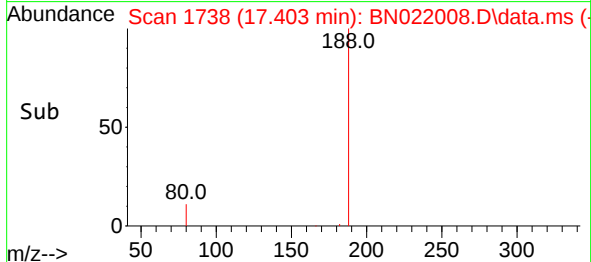
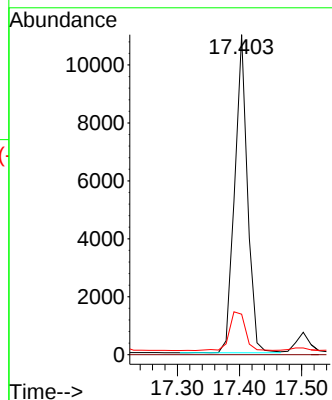
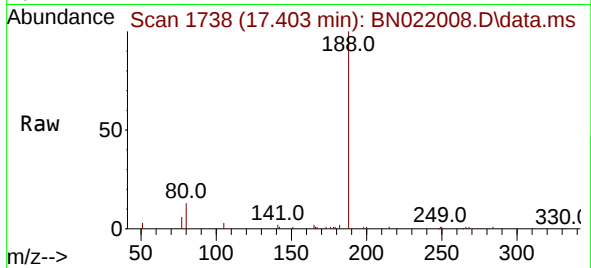




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.403 min Scan# 1738
Delta R.T. -0.009 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

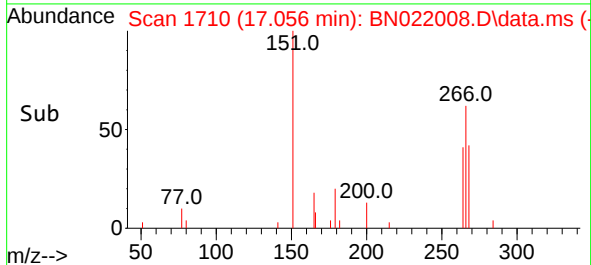
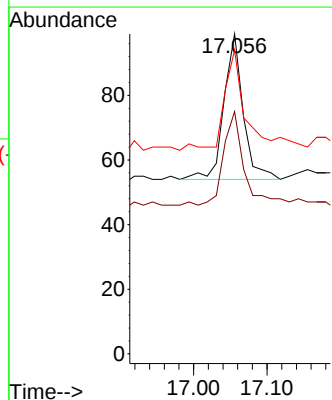
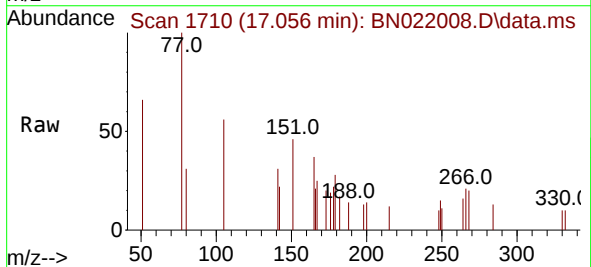
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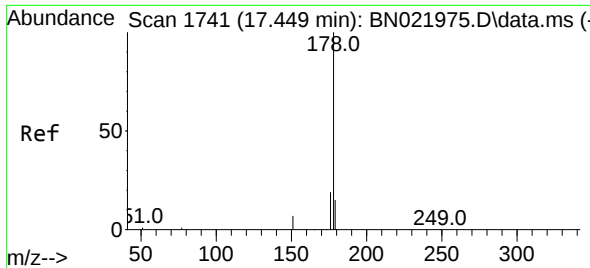
Tgt Ion:188 Resp: 15740
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.7 7.5 11.3#



#24
Pentachlorophenol
Concen: 0.022 ng
RT: 17.056 min Scan# 1710
Delta R.T. -0.008 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

Tgt Ion:266 Resp: 82
Ion Ratio Lower Upper
266 100
264 73.2 49.8 74.6
268 72.0 49.6 74.4

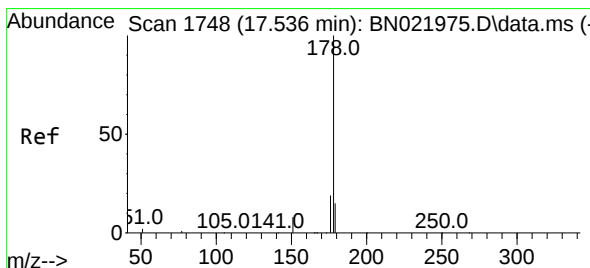
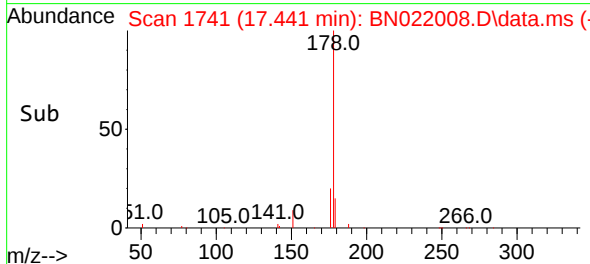
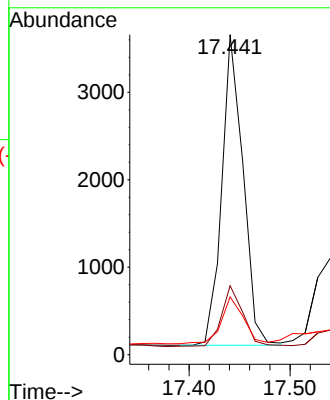
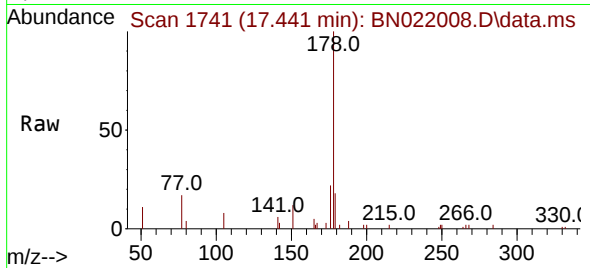




#25
Phenanthrene
Concen: 0.096 ng
RT: 17.441 min Scan# 1741
Delta R.T. -0.009 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

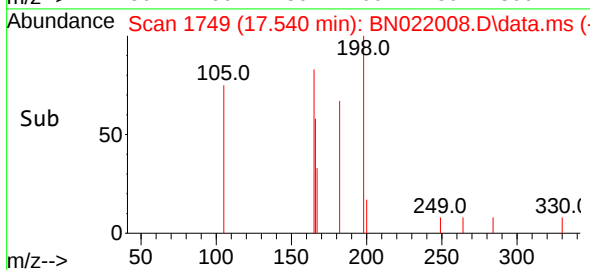
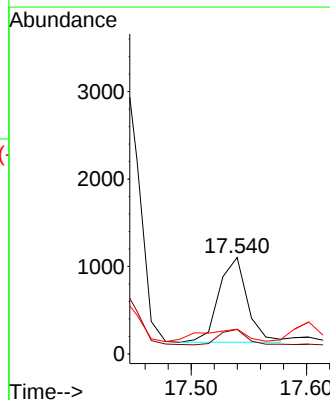
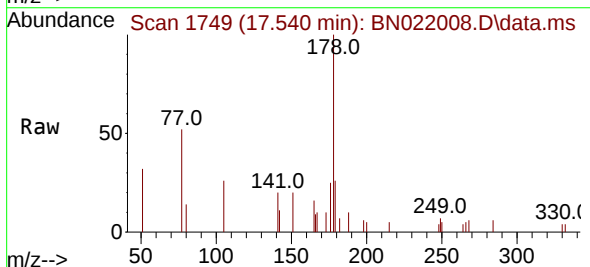
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-231-251-100322-FD

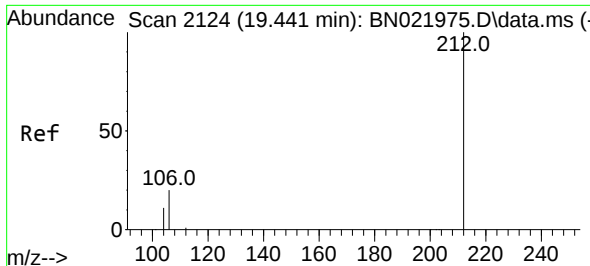
Tgt Ion:178 Resp: 5189
Ion Ratio Lower Upper
178 100
176 20.3 15.4 23.0
179 16.2 12.2 18.2



#26
Anthracene
Concen: 0.038 ng
RT: 17.540 min Scan# 1749
Delta R.T. 0.004 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

Tgt Ion:178 Resp: 1661
Ion Ratio Lower Upper
178 100
176 19.3 14.8 22.2
179 23.6 12.2 18.2#

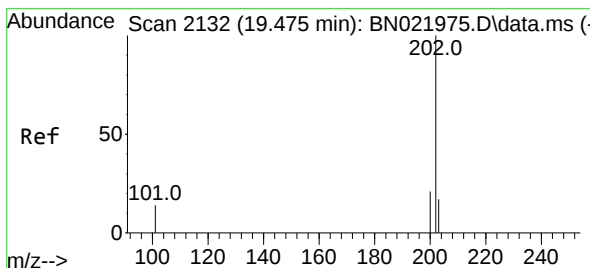
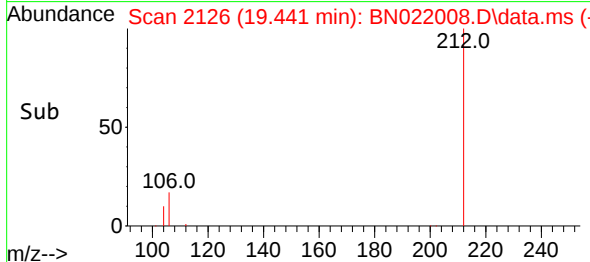
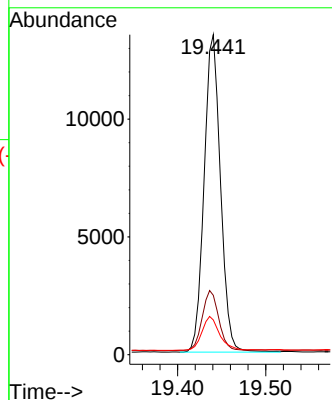
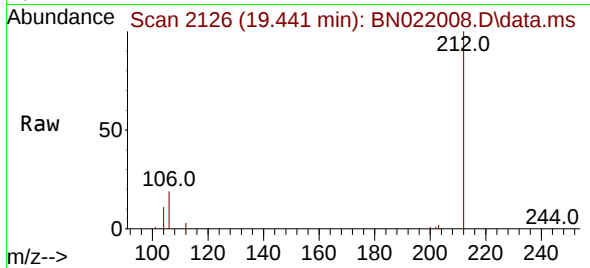




#27
Fluoranthene-d10
Concen: 0.415 ng
RT: 19.441 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

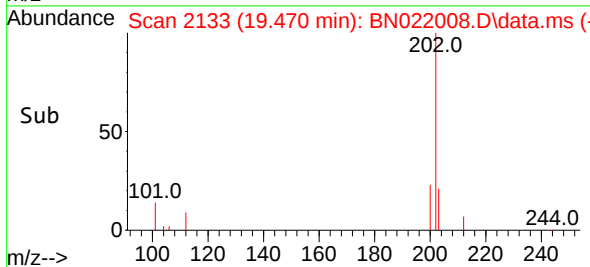
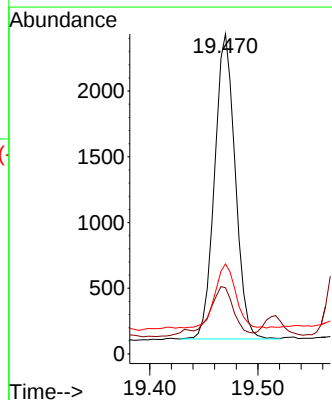
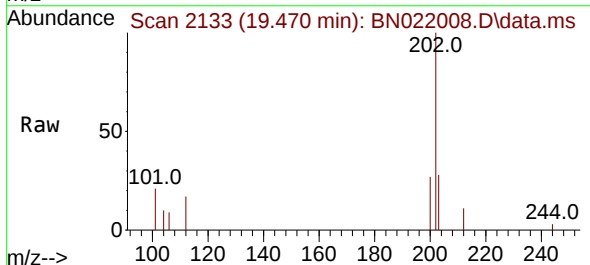
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-231-251-100322-FD

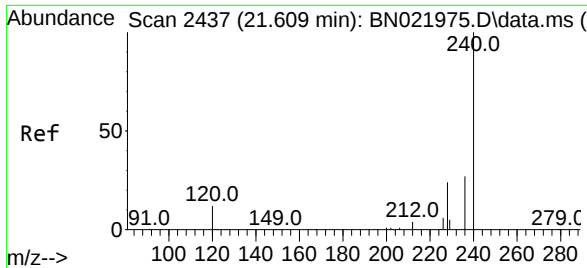
Tgt Ion:212 Resp: 17382
Ion Ratio Lower Upper
212 100
106 19.2 15.2 22.8
104 11.6 8.6 13.0



#28
Fluoranthene
Concen: 0.053 ng
RT: 19.470 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

Tgt Ion:202 Resp: 3076
Ion Ratio Lower Upper
202 100
101 21.0 11.4 17.0#
203 22.0 13.5 20.3#

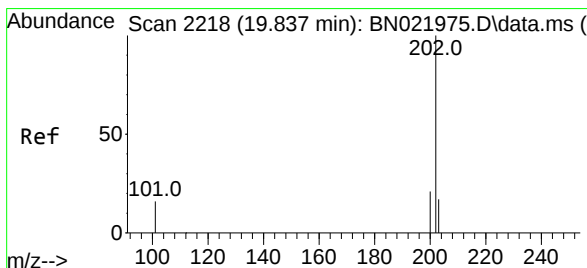
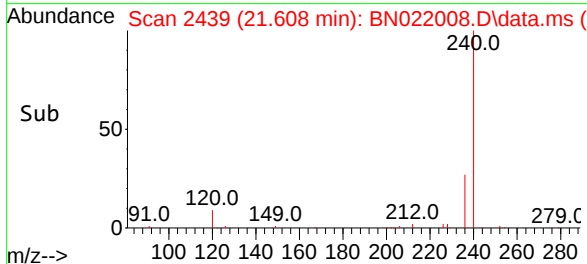
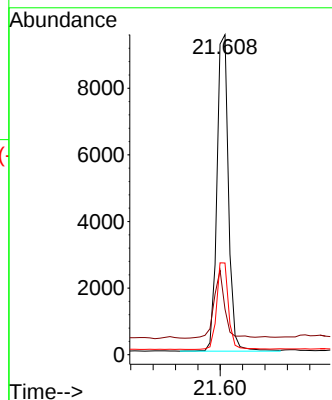
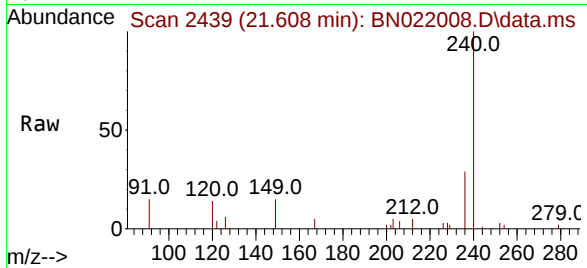




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.608 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

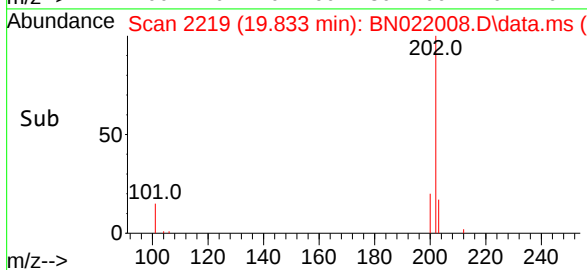
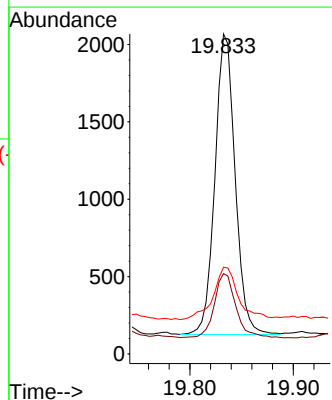
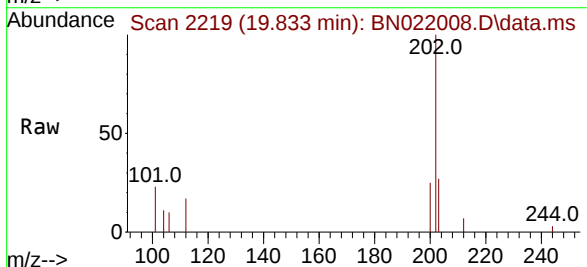
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-231-251-100322-FD

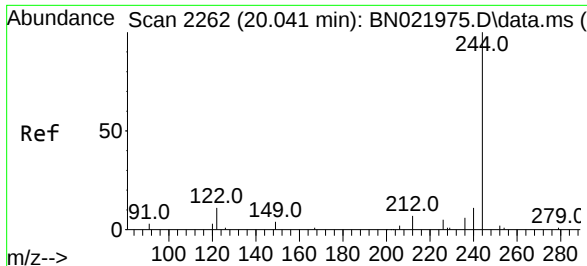
Tgt Ion:240	Resp:	13700
Ion Ratio	Lower	Upper
240	100	
120	14.2	11.8 17.6
236	28.7	22.4 33.6



#30
Pyrene
Concen: 0.044 ng
RT: 19.833 min Scan# 2219
Delta R.T. -0.005 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

Tgt Ion:202	Resp:	2636
Ion Ratio	Lower	Upper
202	100	
200	22.9	16.6 25.0
203	21.7	14.1 21.1#

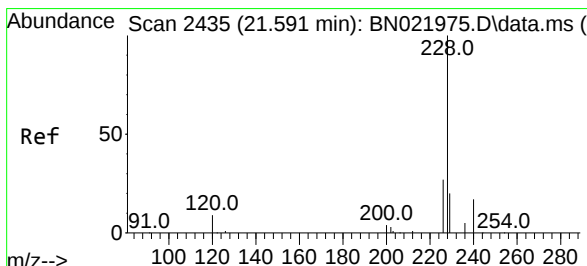
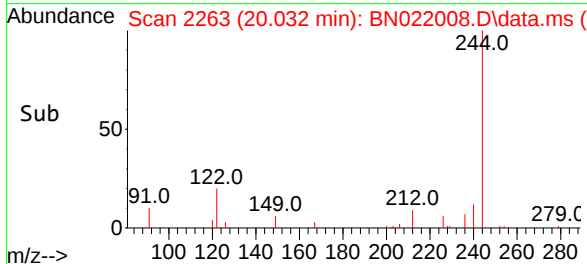
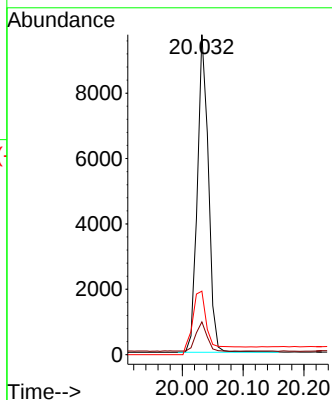
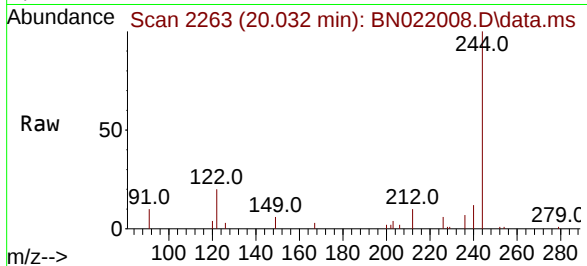




#31
 Terphenyl-d14
 Concen: 0.411 ng
 RT: 20.032 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN022008.D
 Acq: 04 Oct 2022 15:37

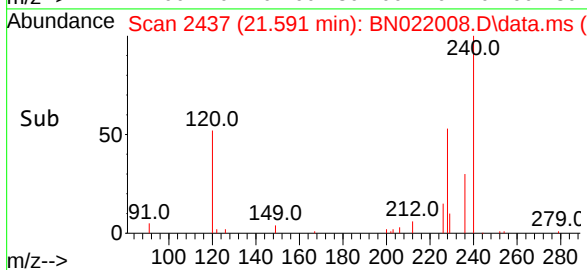
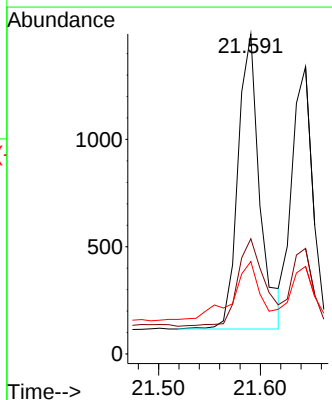
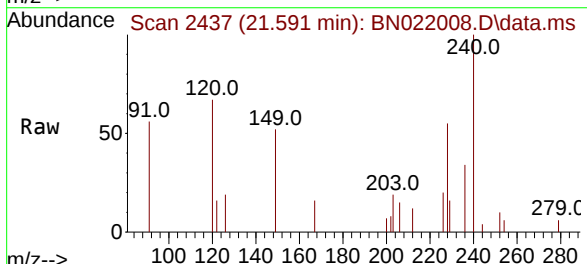
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-02-231-251-100322-FD

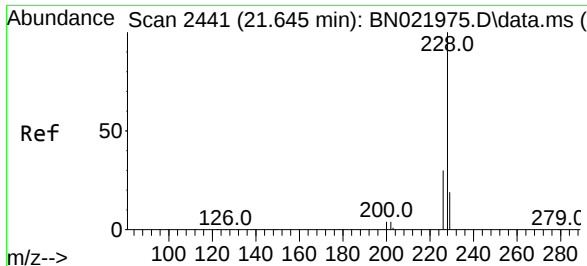
Tgt Ion:244 Resp: 11324
 Ion Ratio Lower Upper
 244 100
 212 10.3 6.5 9.7#
 122 19.8 9.1 13.7#



#32
 Benzo(a)anthracene
 Concen: 0.040 ng
 RT: 21.591 min Scan# 2437
 Delta R.T. -0.000 min
 Lab File: BN022008.D
 Acq: 04 Oct 2022 15:37

Tgt Ion:228 Resp: 2044
 Ion Ratio Lower Upper
 228 100
 226 36.0 22.2 33.4#
 229 28.9 16.2 24.2#





#33

Chrysene

Concen: 0.031 ng

RT: 21.644 min Scan# 2441

Delta R.T. -0.000 min

Lab File: BN022008.D

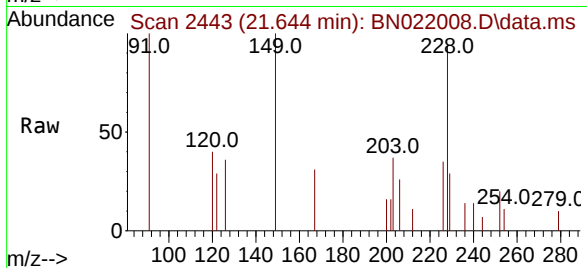
Acq: 04 Oct 2022 15:37

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-02-231-251-100322-FD



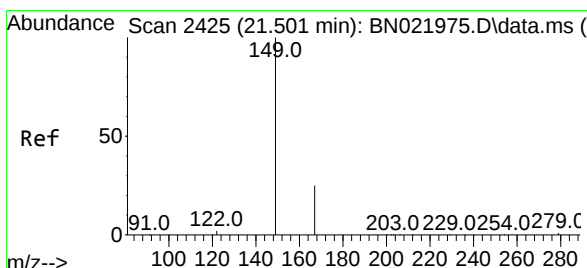
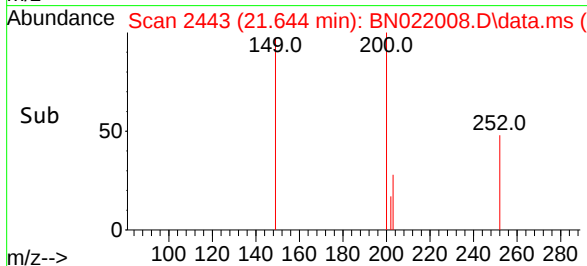
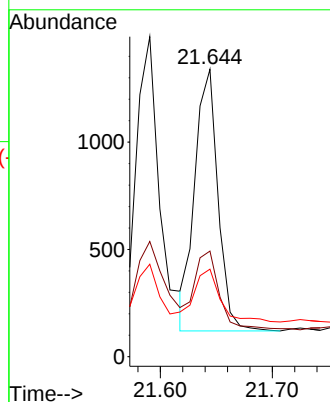
Tgt Ion:228 Resp: 1757

Ion Ratio Lower Upper

228 100

226 36.7 24.2 36.2#

229 30.4 15.8 23.6#



#34

Bis(2-ethylhexyl)phthalate

Concen: 1.343 ng

RT: 21.501 min Scan# 2427

Delta R.T. -0.000 min

Lab File: BN022008.D

Acq: 04 Oct 2022 15:37

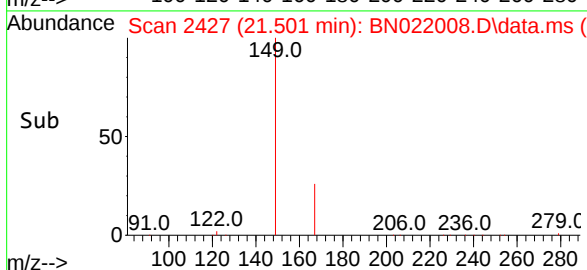
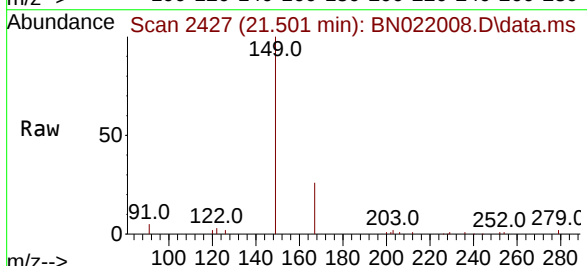
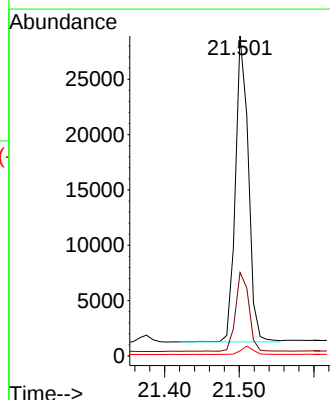
Tgt Ion:149 Resp: 33190

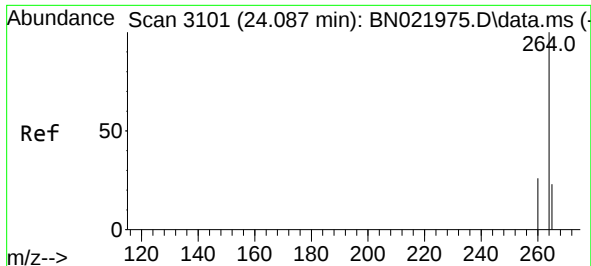
Ion Ratio Lower Upper

149 100

167 26.3 20.2 30.4

279 2.6 2.3 3.5

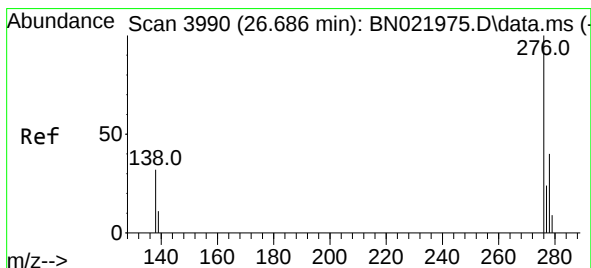
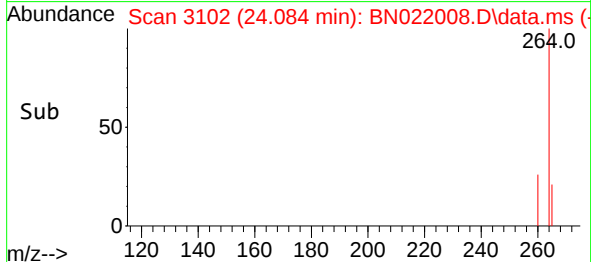
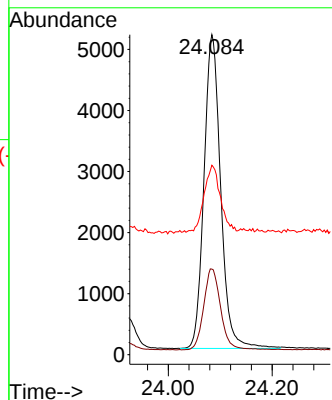
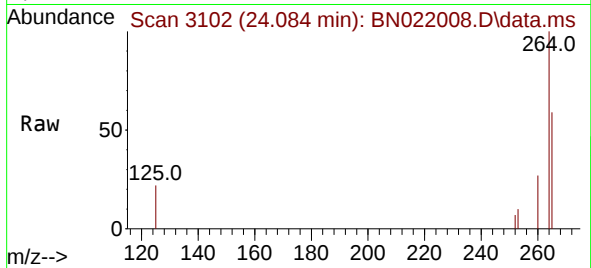




#35
Perylene-d12
Concen: 0.400 ng
RT: 24.084 min Scan# 3101
Delta R.T. -0.003 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

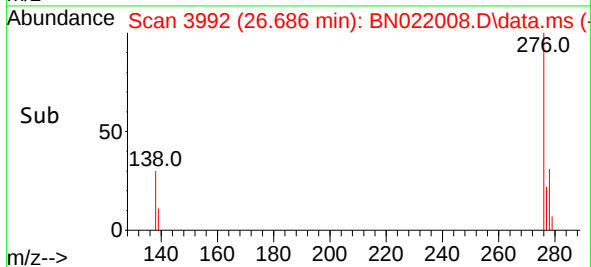
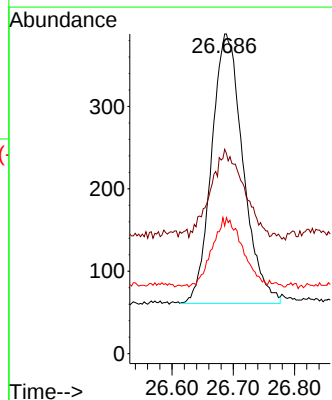
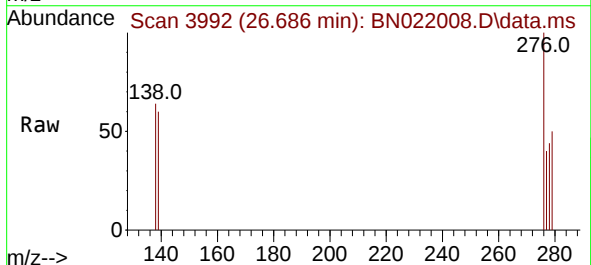
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-231-251-100322-FD

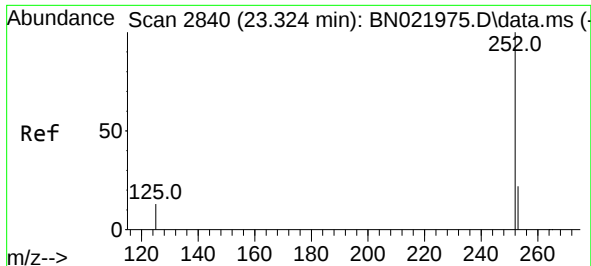
Tgt Ion:264 Resp: 11463
Ion Ratio Lower Upper
264 100
260 26.7 21.3 31.9
265 59.2 63.0 94.4#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng
RT: 26.686 min Scan# 3992
Delta R.T. -0.000 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

Tgt Ion:276 Resp: 1165
Ion Ratio Lower Upper
276 100
138 34.3 28.0 42.0
277 10.8 19.8 29.8#

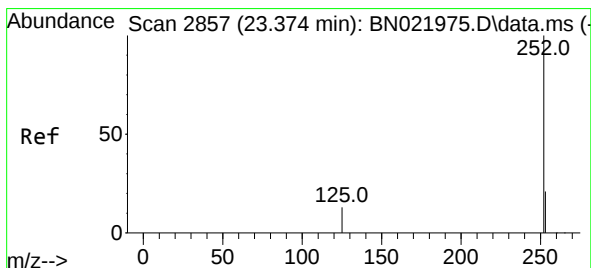
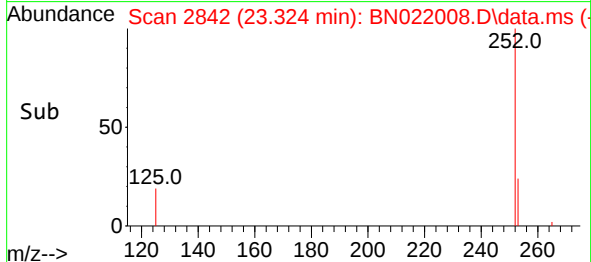
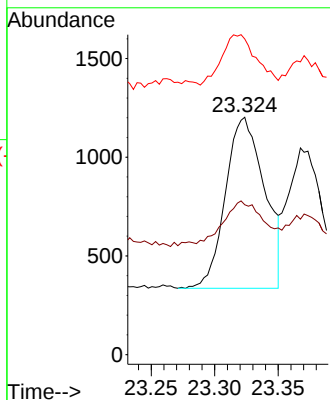
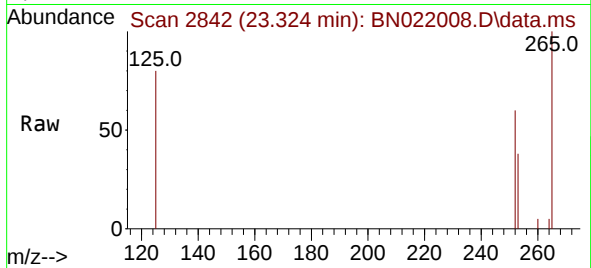




#37
Benzo(b)fluoranthene
Concen: 0.034 ng
RT: 23.324 min Scan# 2840
Delta R.T. -0.000 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

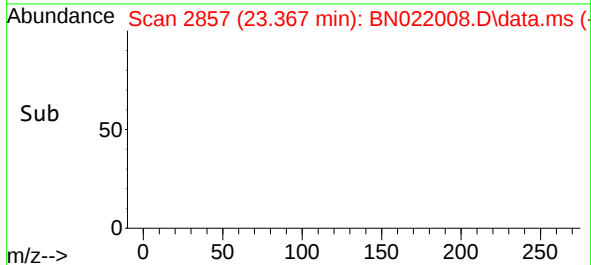
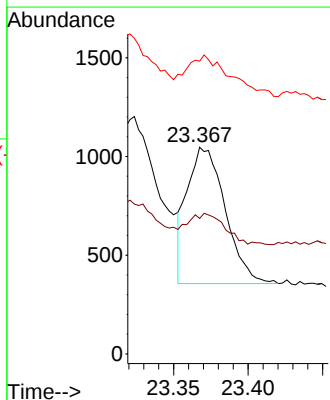
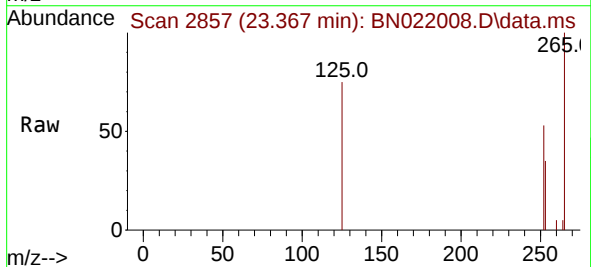
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-231-251-100322-FD

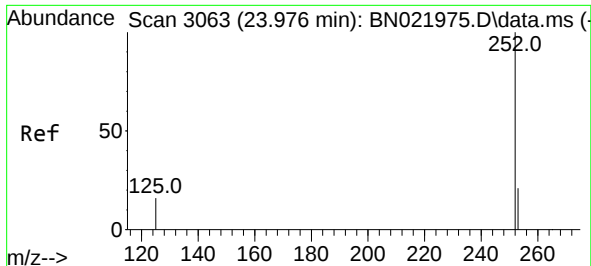
Tgt Ion:252 Resp: 1858
Ion Ratio Lower Upper
252 100
253 63.1 20.6 31.0#
125 132.9 15.6 23.4#



#38
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 23.367 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

Tgt Ion:252 Resp: 1226
Ion Ratio Lower Upper
252 100
253 65.5 20.4 30.6#
125 141.6 15.8 23.6#

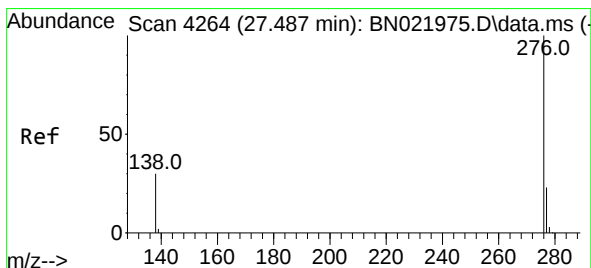
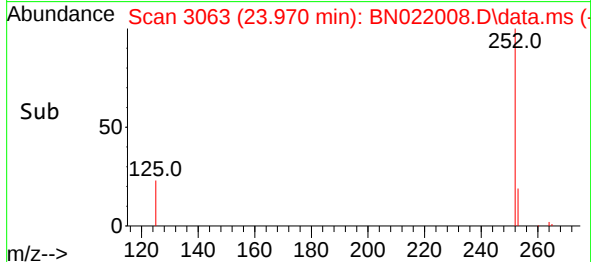
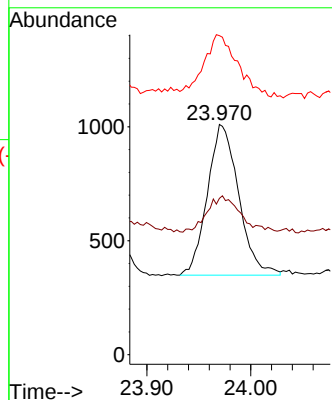
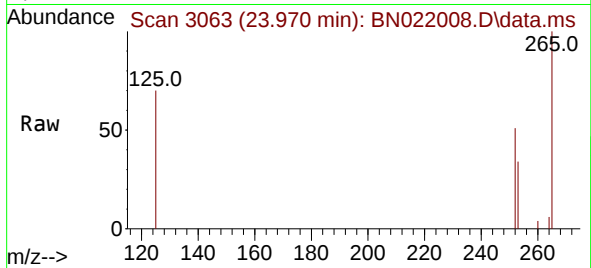




#39
Benzo(a)pyrene
Concen: 0.033 ng
RT: 23.970 min Scan# 3063
Delta R.T. -0.006 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-02-231-251-100322-FD

Tgt Ion:252 Resp: 1382
Ion Ratio Lower Upper
252 100
253 67.9 23.2 34.8#
125 138.6 21.1 31.7#



#41
Benzo(g,h,i)perylene
Concen: 0.022 ng
RT: 27.496 min Scan# 4269
Delta R.T. 0.008 min
Lab File: BN022008.D
Acq: 04 Oct 2022 15:37

Tgt Ion:276 Resp: 1103
Ion Ratio Lower Upper
276 100
277 40.3 20.0 30.0#
138 57.5 25.2 37.8#

