

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030621\
 Data File : BN013862.D
 Acq On : 05 Mar 2021 16:39
 Operator : CG/JU
 Sample : M1574-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-160-170-030421

Quant Time: Mar 05 17:11:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 13:34:35 2021
 Response via : Initial Calibration

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

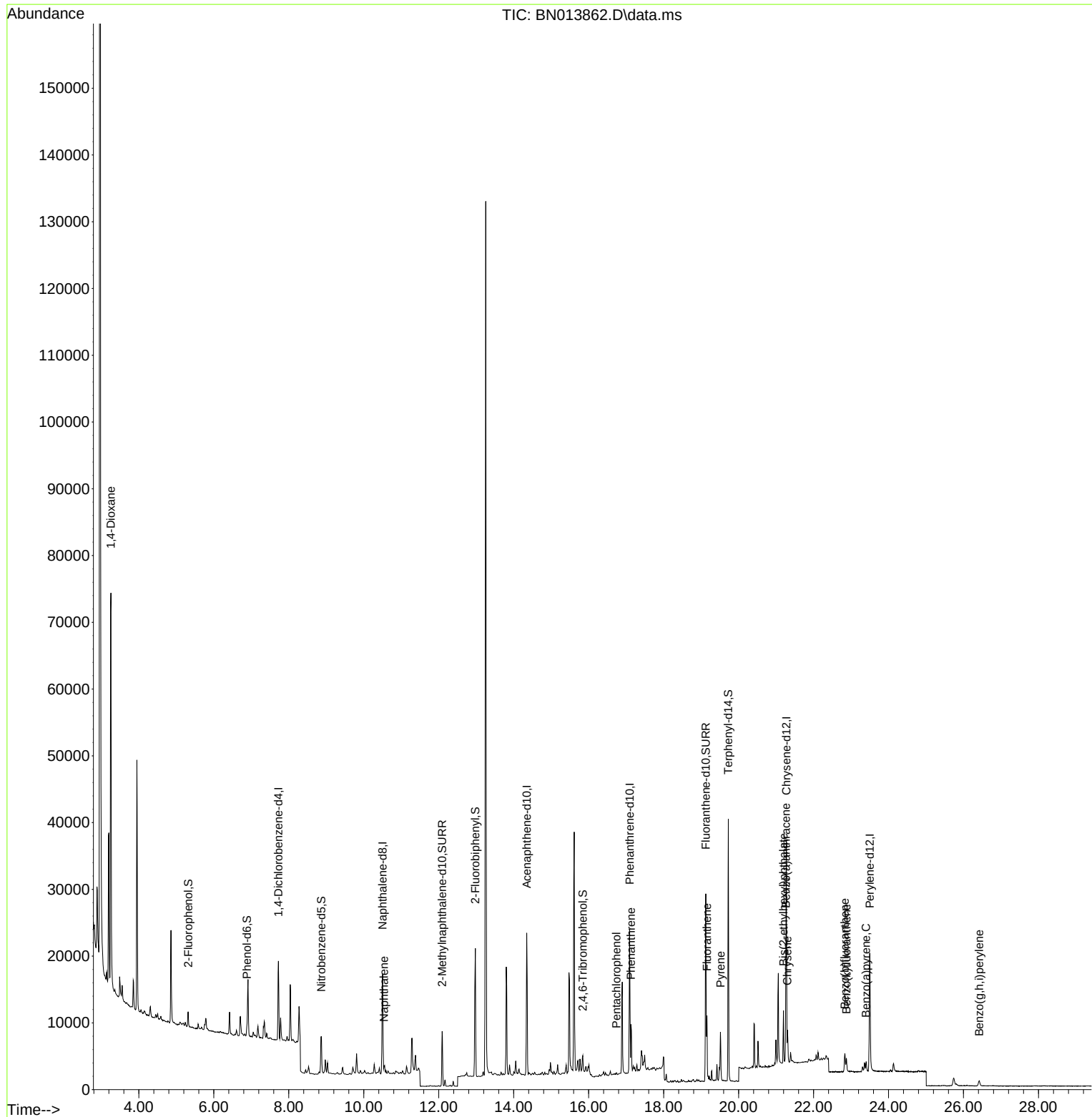
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	5521	0.40	ng	0.00
7) Naphthalene-d8	10.505	136	21253	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	12125	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	26881	0.40	ng	0.00
29) Chrysene-d12	21.271	240	28832	0.40	ng	# 0.00
36) Perylene-d12	23.499	264	23653	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.316	112	1712	0.12	ng	0.00
5) Phenol-d6	6.887	99	1272	0.06	ng	0.00
8) Nitrobenzene-d5	8.870	82	4954	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.093	152	10713	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	1817	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	16392	0.38	ng	0.00
27) Fluoranthene-d10	19.124	212	30457	0.38	ng	0.00
31) Terphenyl-d14	19.724	244	35812	0.56	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.255	88	36440	5.46	ng	96
9) Naphthalene	10.543	128	1405	0.03	ng	# 81
24) Pentachlorophenol	16.739	266	103	0.02	ng	92
25) Phenanthrene	17.128	178	8247	0.12	ng	98
28) Fluoranthene	19.154	202	8217	0.10	ng	96
30) Pyrene	19.516	202	6385	0.07	ng	97
32) Benzo(a)anthracene	21.261	228	3151	0.04	ng	# 91
33) Chrysene	21.303	228	4147	0.05	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.197	149	6775	0.16	ng	98
37) Benzo(b)fluoranthene	22.832	252	3714	0.05	ng	# 64
38) Benzo(k)fluoranthene	22.873	252	2532	0.03	ng	# 56
39) Benzo(a)pyrene	23.400	252	1858	0.03	ng	# 31
41) Benzo(g,h,i)perylene	26.419	276	1641	0.02	ng	# 74

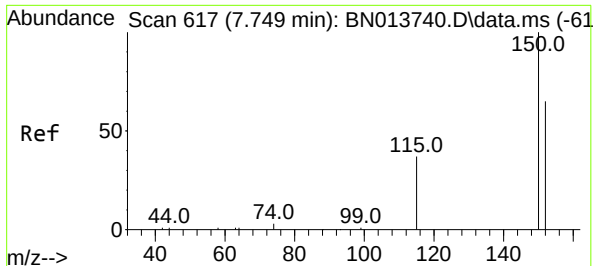
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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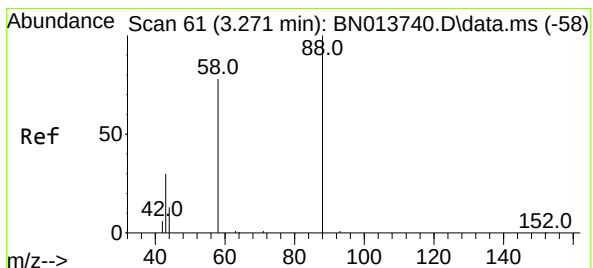
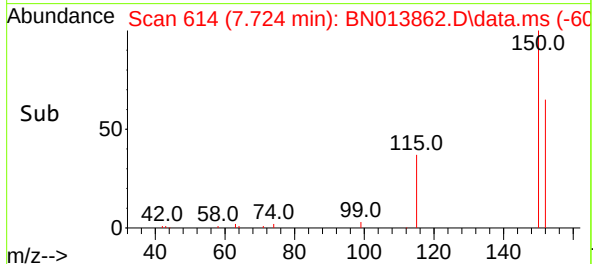
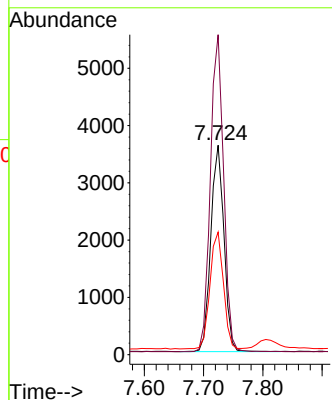
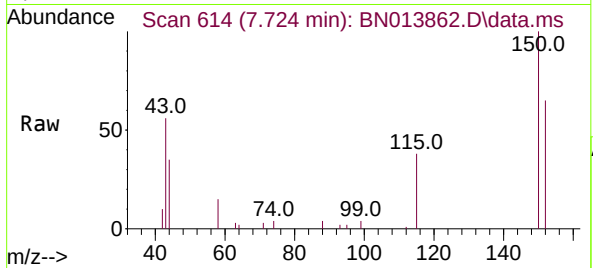




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.724 min Scan# 614
 Delta R.T. 0.000 min
 Lab File: BN013862.D
 Acq: 05 Mar 2021 16:39

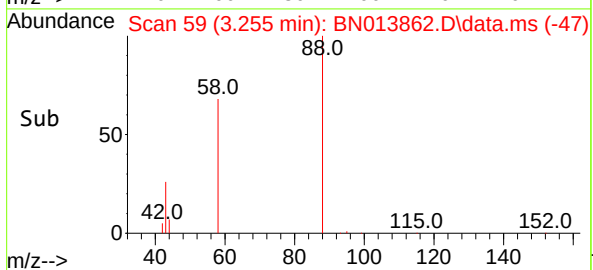
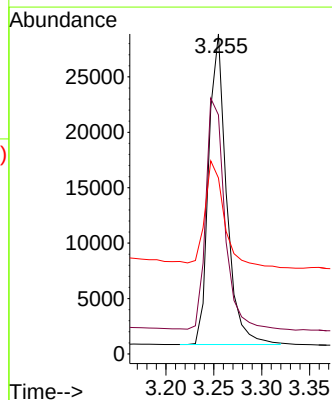
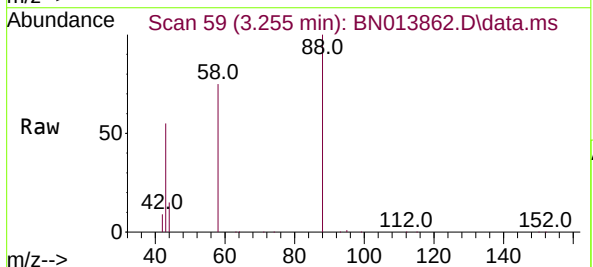
Instrument :
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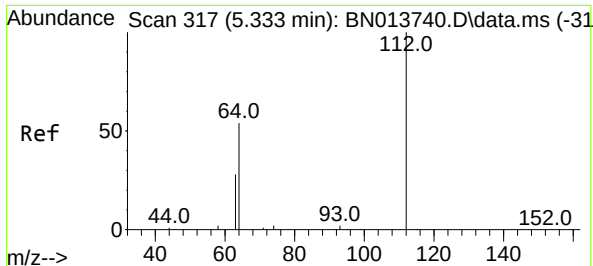
Tgt Ion:152 Resp: 5521
 Ion Ratio Lower Upper
 152 100
 150 152.8 121.8 182.8
 115 58.5 46.6 69.8



#2
 1,4-Dioxane
 Concen: 5.46 ng
 RT: 3.255 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: BN013862.D
 Acq: 05 Mar 2021 16:39

Tgt Ion: 88 Resp: 36440
 Ion Ratio Lower Upper
 88 100
 58 78.2 64.6 96.8
 43 37.2 26.6 40.0

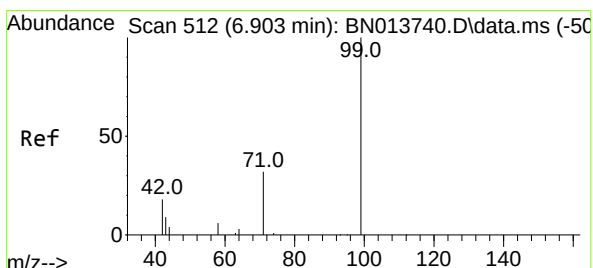
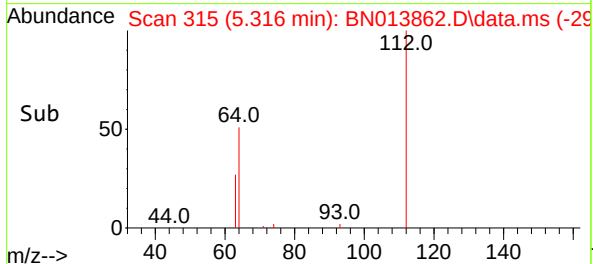
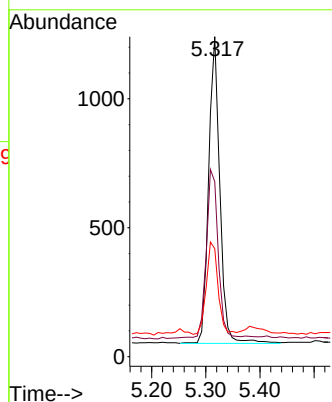
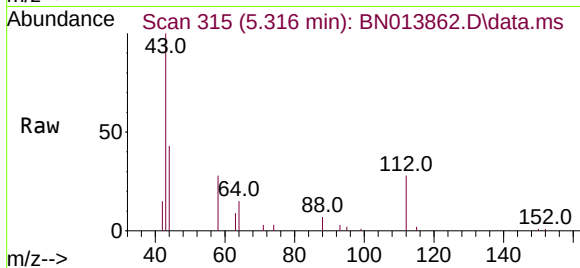




#4
2-Fluorophenol
Concen: 0.12 ng
RT: 5.316 min Scan# 315
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

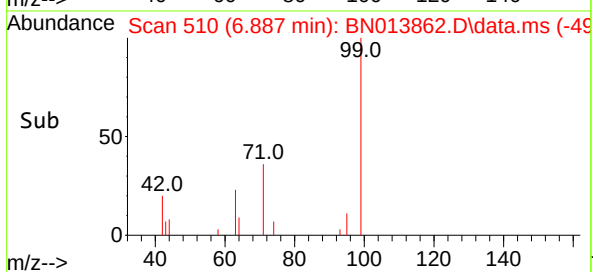
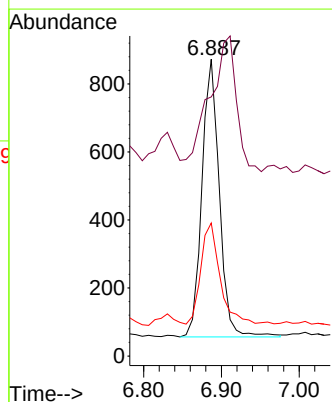
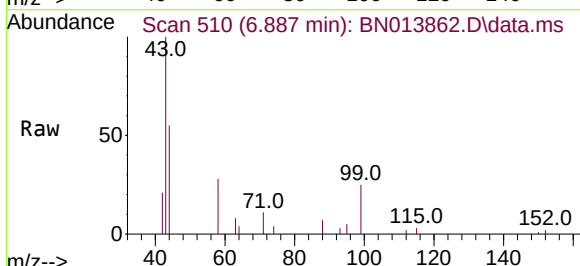
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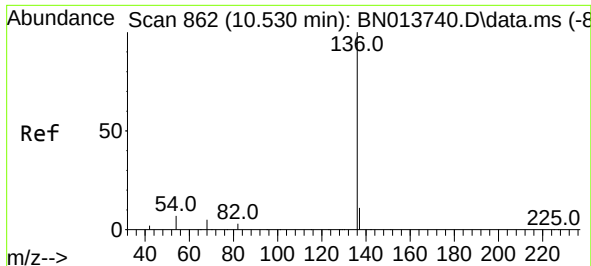
Tgt Ion:	112	Resp:	1712
Ion Ratio	100	Lower	Upper
64	58.1	44.3	66.5
63	31.6	23.0	34.6



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.887 min Scan# 510
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

Tgt Ion:	99	Resp:	1272
Ion Ratio	100	Lower	Upper
42	0.0	15.2	22.8#
71	40.2	26.1	39.1#

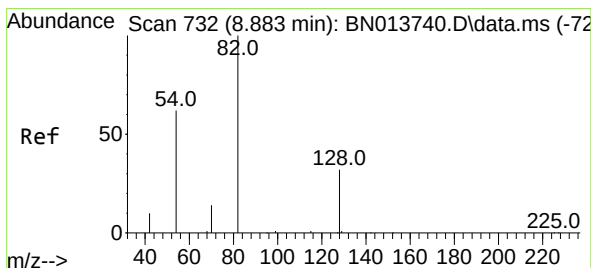
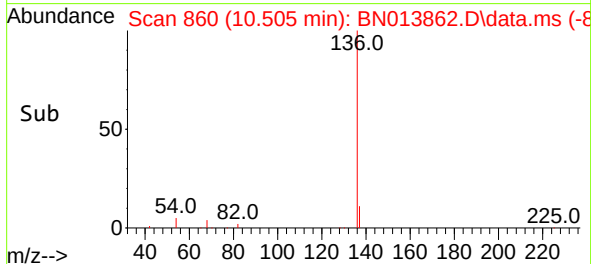
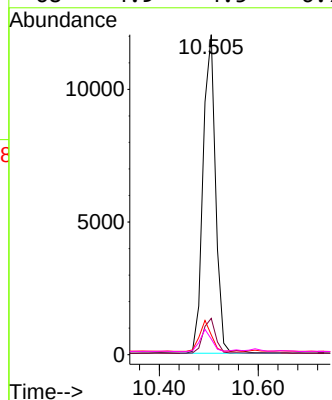
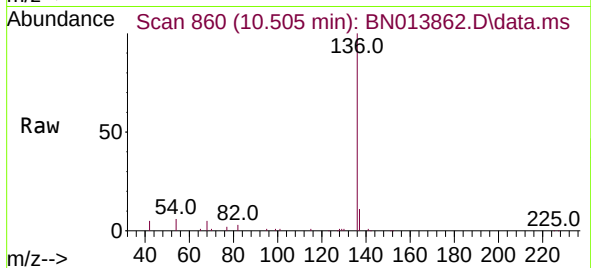




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

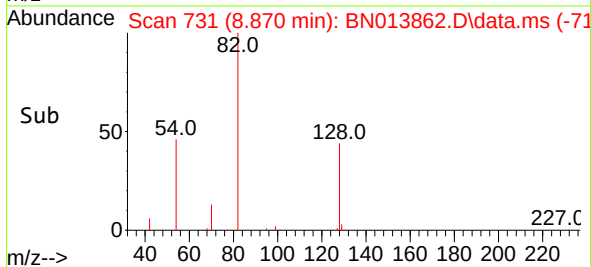
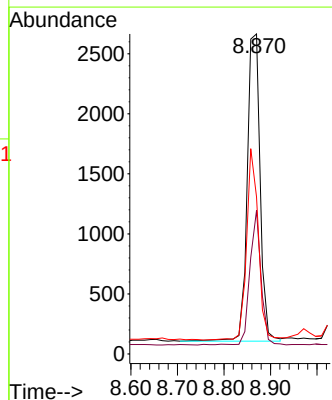
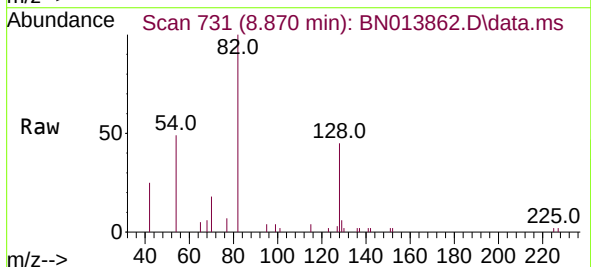
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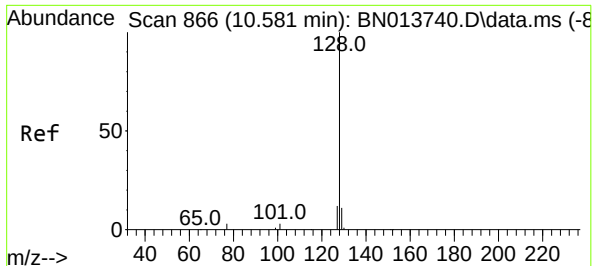
Tgt Ion:	136	Resp:	21253
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	6.2	6.4	9.6#
68	4.9	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.870 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

Tgt Ion:	82	Resp:	4954
Ion Ratio	Lower	Upper	
82	100		
128	44.8	39.2	58.8
54	49.1	40.1	60.1

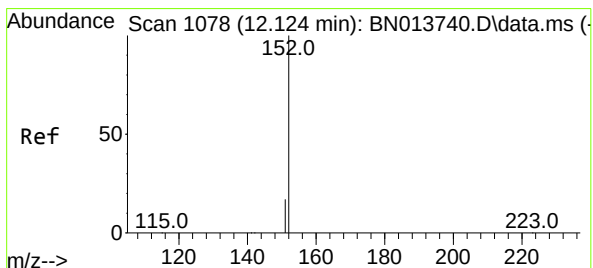
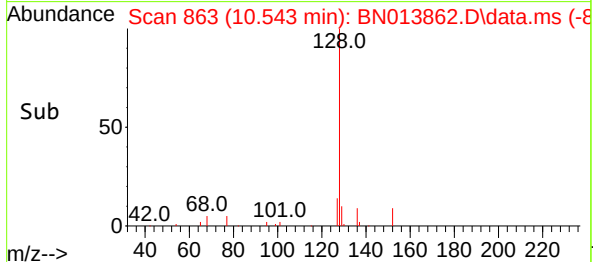
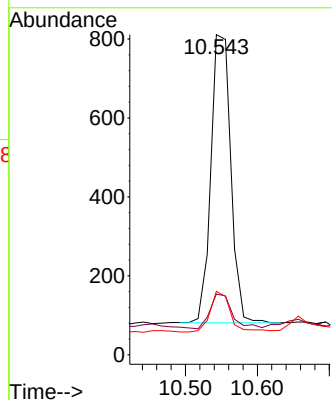
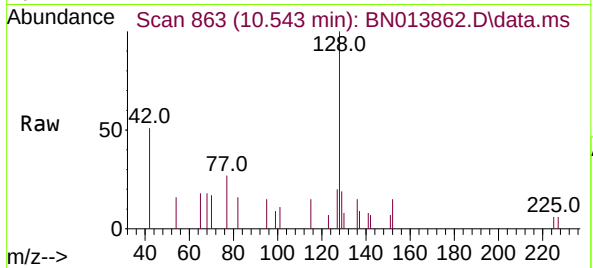




#9
Naphthalene
Concen: 0.03 ng
RT: 10.543 min Scan# 863
Delta R.T. -0.012 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

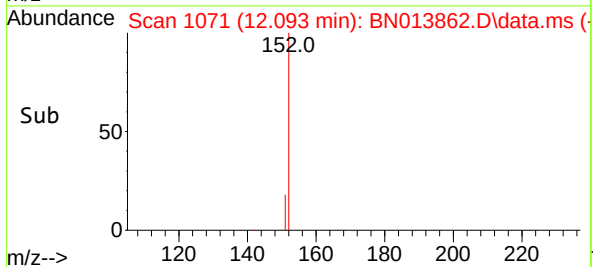
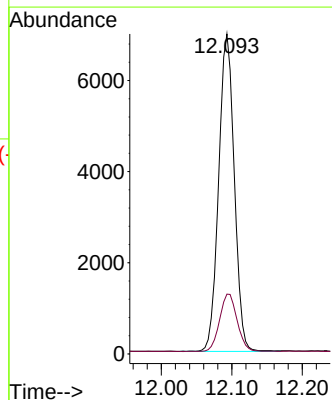
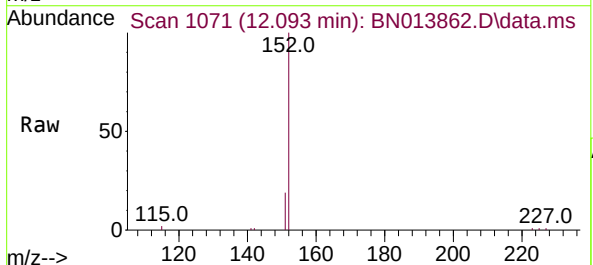
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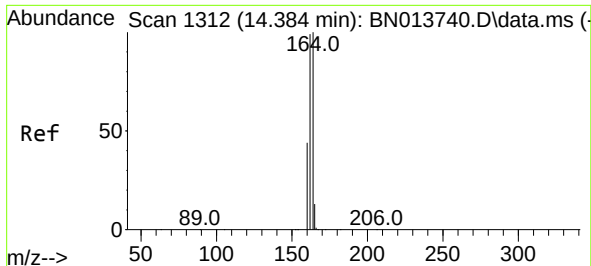
Tgt Ion:128 Resp: 1405
Ion Ratio Lower Upper
128 100
129 19.0 9.0 13.4#
127 19.9 10.4 15.6#



#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.093 min Scan# 1071
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

Tgt Ion:152 Resp: 10713
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2

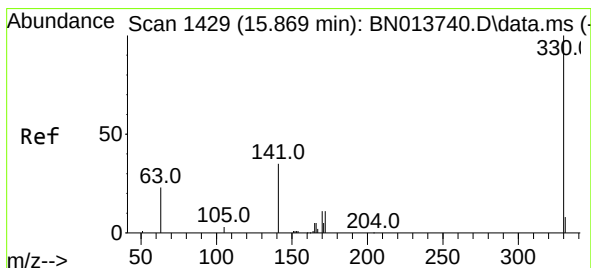
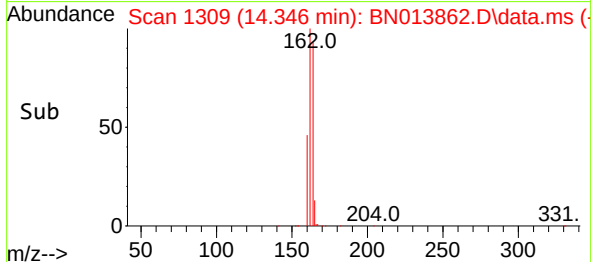
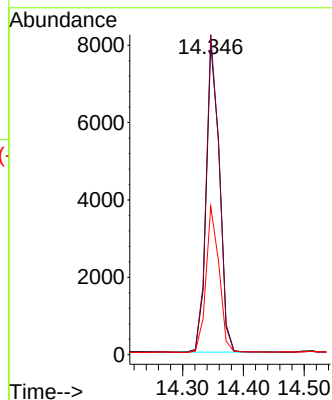
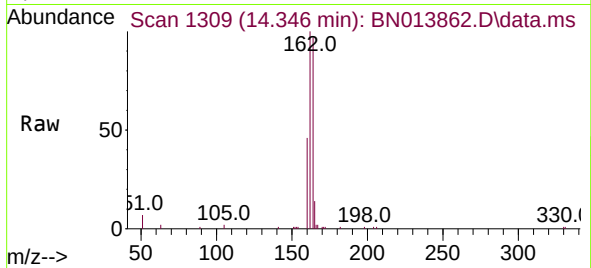




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

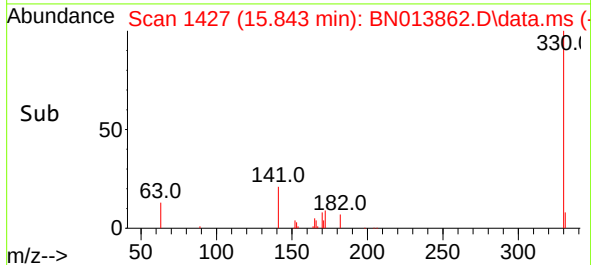
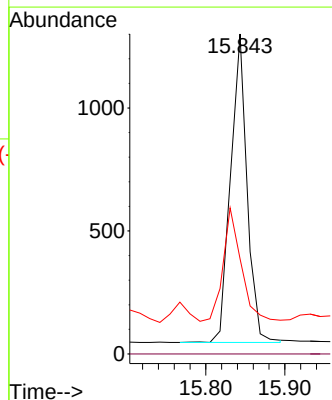
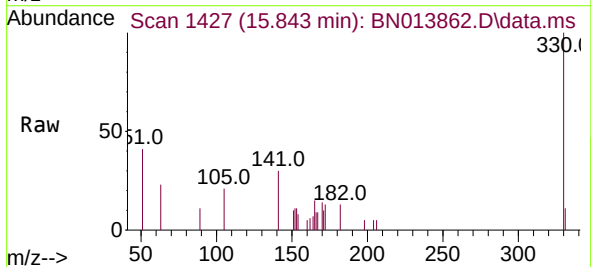
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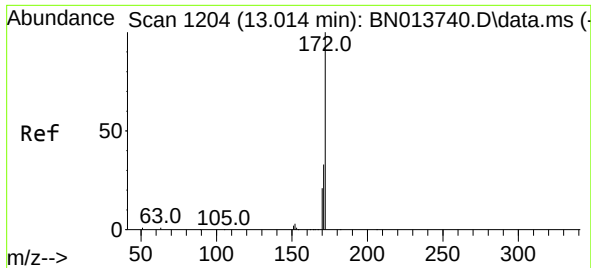
Tgt Ion:164	Resp:	12125
Ion Ratio	Lower	Upper
164	100	
162	102.9	79.6 119.4
160	47.7	36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.843 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

Tgt Ion:330	Resp:	1817
Ion Ratio	Lower	Upper
330	100	
332	0.0	0.0 0.0
141	40.1	26.8 40.2

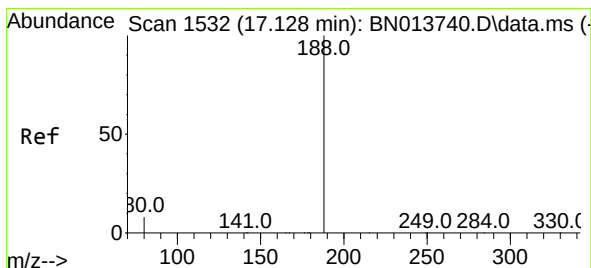
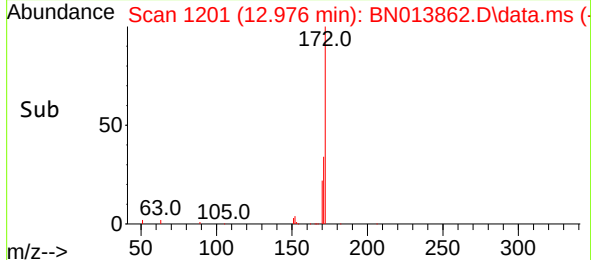
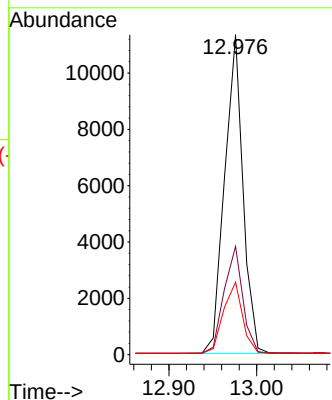
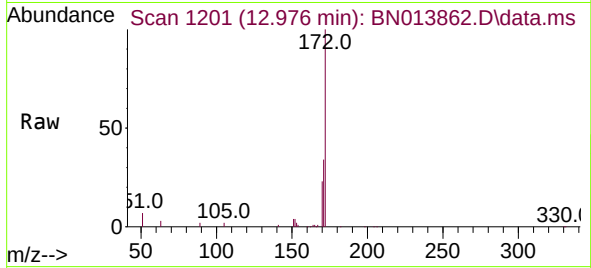




#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 12.976 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

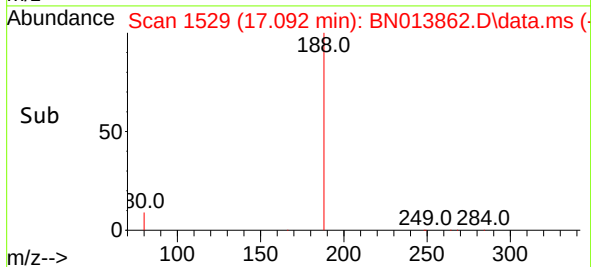
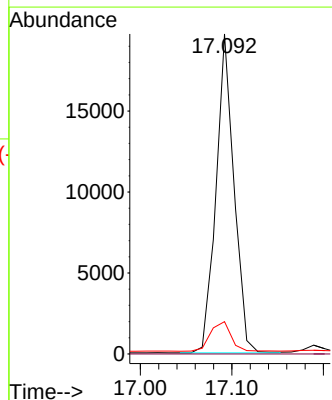
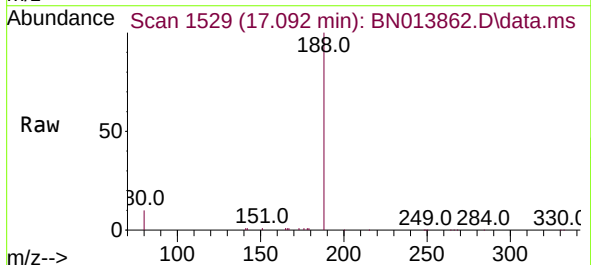
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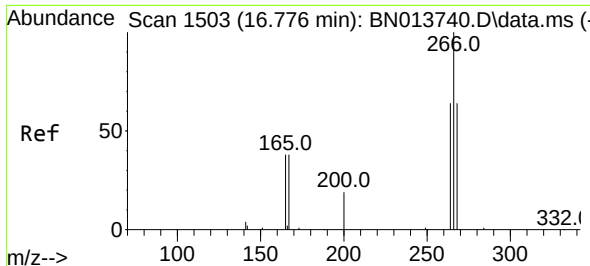
Tgt Ion:172 Resp: 16392
Ion Ratio Lower Upper
172 100
171 33.9 28.6 42.8
170 22.6 18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

Tgt Ion:188 Resp: 26881
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 9.0 13.6

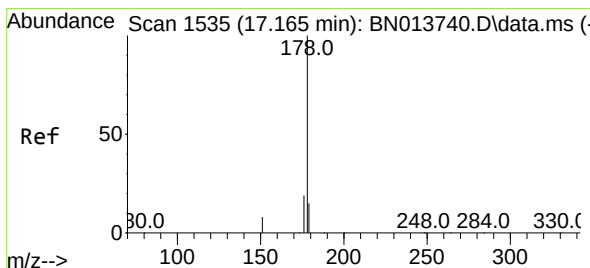
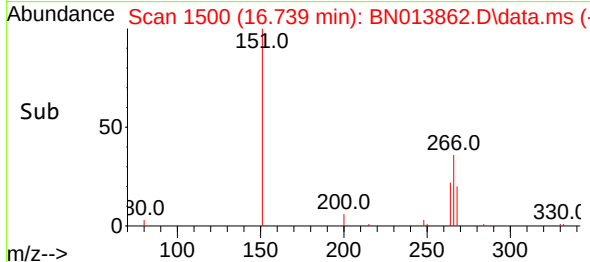
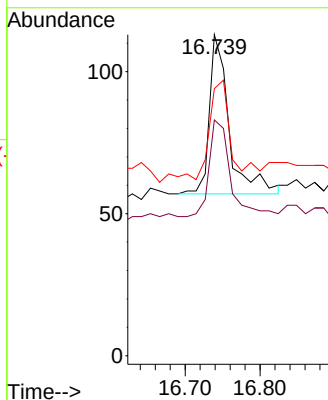
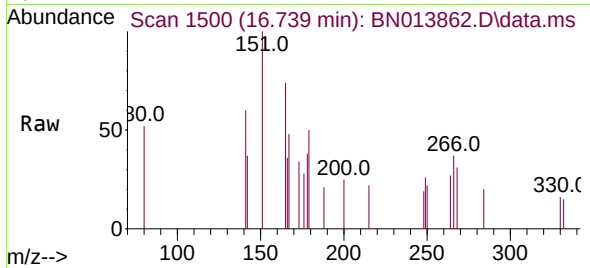




#24
 Pentachlorophenol
 Concen: 0.02 ng
 RT: 16.739 min Scan# 1500
 Delta R.T. -0.012 min
 Lab File: BN013862.D
 Acq: 05 Mar 2021 16:39

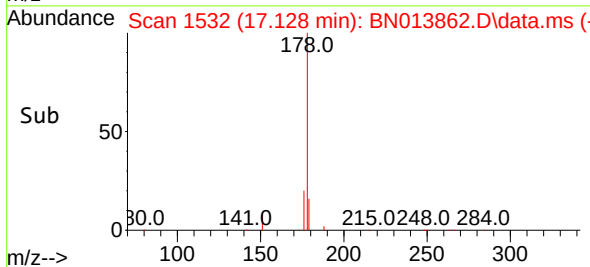
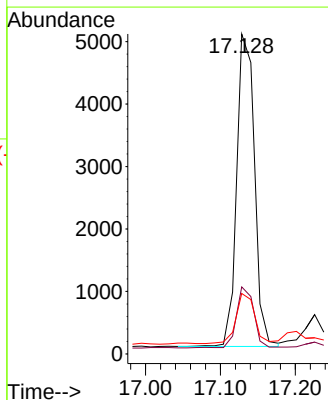
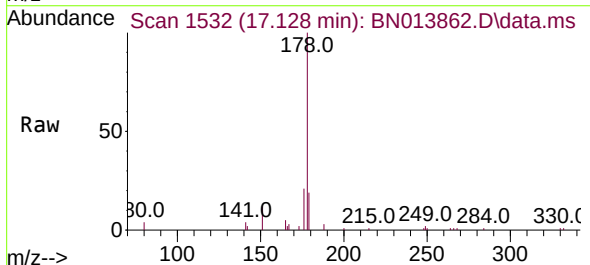
Instrument :
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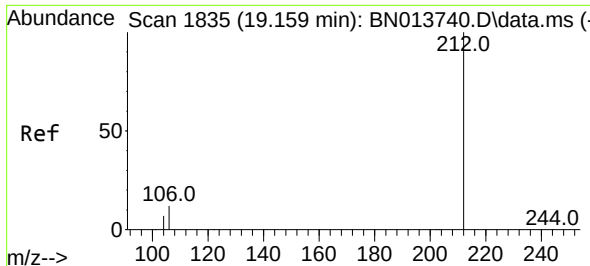
Tgt Ion:266	Resp:	103
Ion Ratio	Lower	Upper
266	100	
264	65.0	51.6 77.4
268	56.3	54.6 82.0



#25
 Phenanthrene
 Concen: 0.12 ng
 RT: 17.128 min Scan# 1532
 Delta R.T. -0.012 min
 Lab File: BN013862.D
 Acq: 05 Mar 2021 16:39

Tgt Ion:178	Resp:	8247
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.0 22.4
179	16.6	12.3 18.5

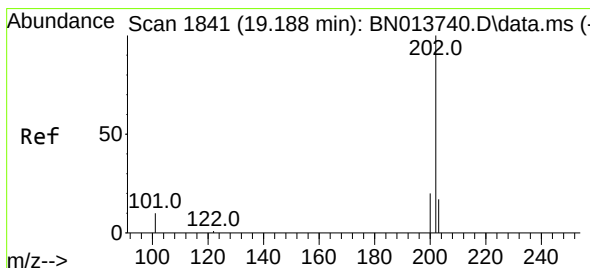
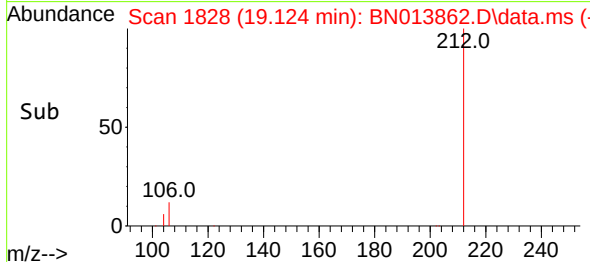
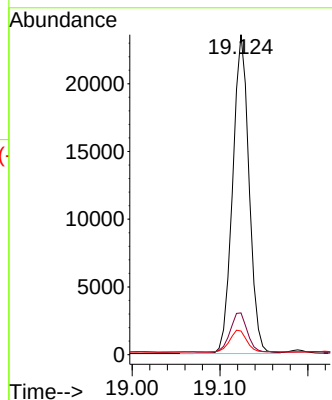
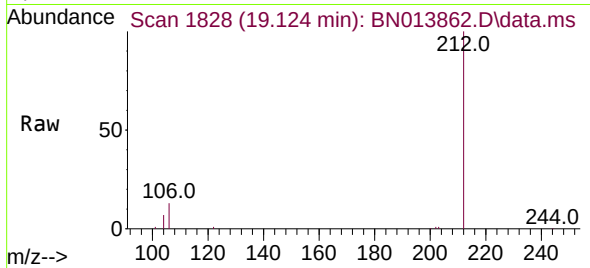




#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.124 min Scan# 1828
Delta R.T. -0.005 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

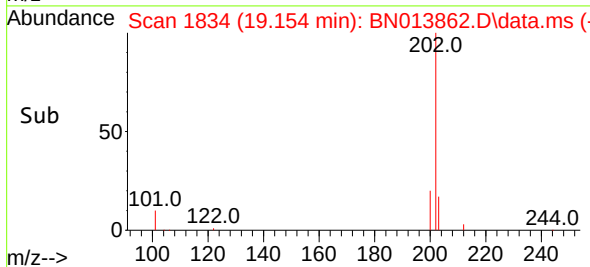
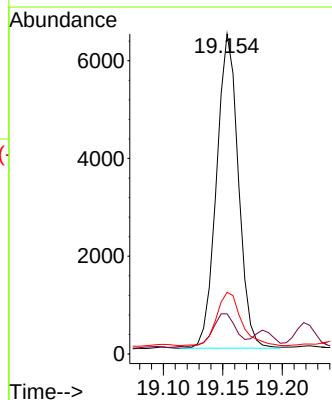
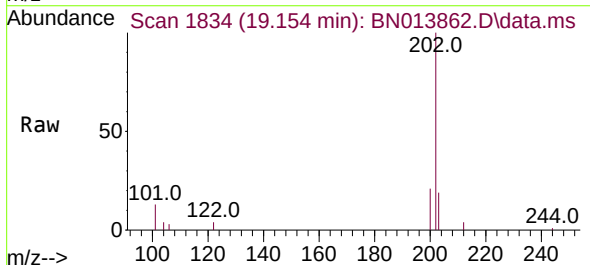
Instrument :
BNA_N
ClientSampleId :
GWBR3-160-170-030421

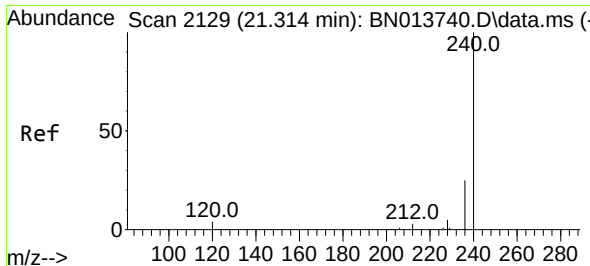
Tgt Ion:212 Resp: 30457
Ion Ratio Lower Upper
212 100
106 12.8 9.7 14.5
104 7.3 5.5 8.3



#28
Fluoranthene
Concen: 0.10 ng
RT: 19.154 min Scan# 1834
Delta R.T. -0.005 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

Tgt Ion:202 Resp: 8217
Ion Ratio Lower Upper
202 100
101 11.6 8.1 12.1
203 19.4 13.9 20.9

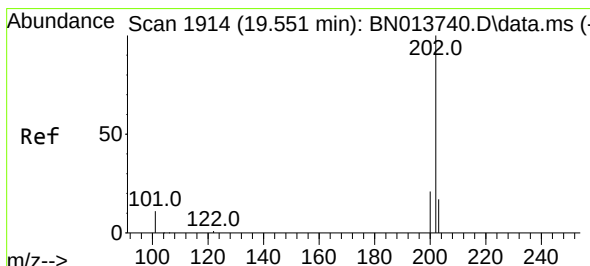
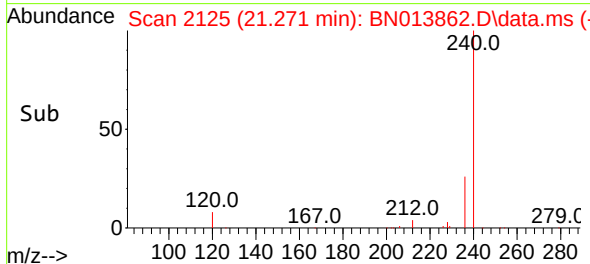
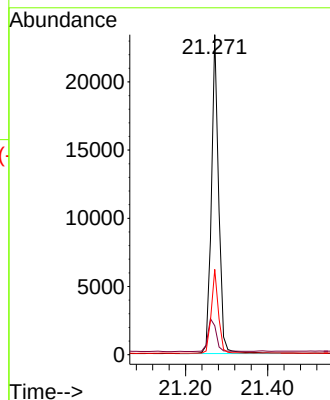
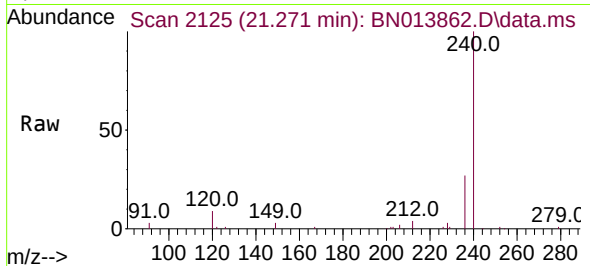




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.271 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

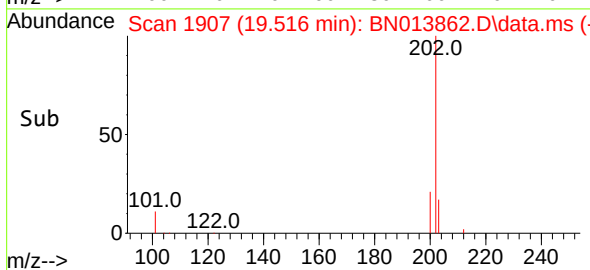
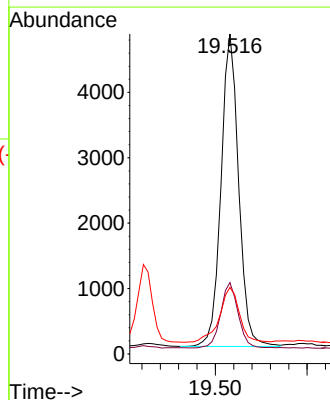
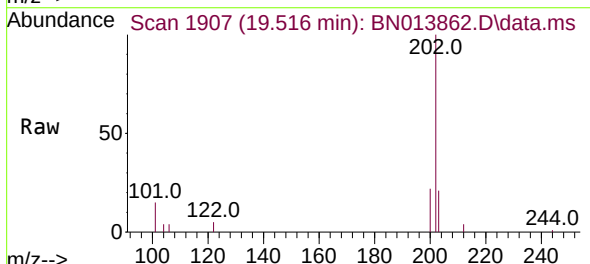
Instrument :
BNA_N
ClientSampleId :
GWBR3-160-170-030421

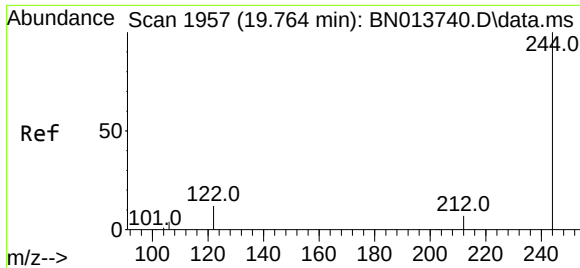
Tgt Ion:240 Resp: 28832
Ion Ratio Lower Upper
240 100
120 9.1 10.2 15.4#
236 26.6 21.3 31.9



#30
Pyrene
Concen: 0.07 ng
RT: 19.516 min Scan# 1907
Delta R.T. -0.005 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

Tgt Ion:202 Resp: 6385
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 20.1 14.0 21.0

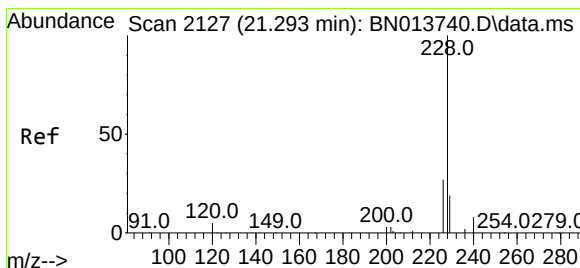
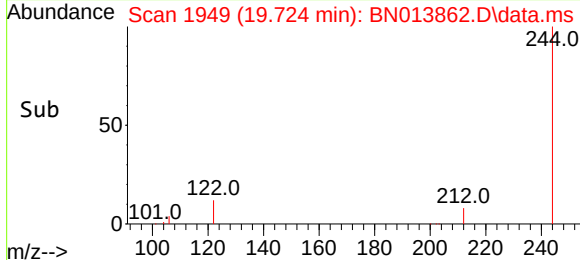
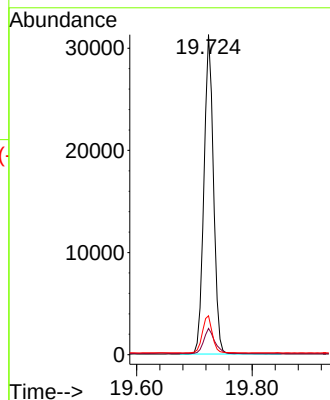
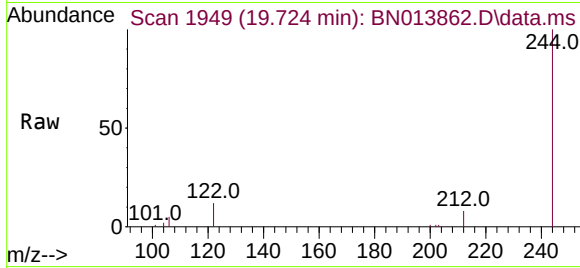




#31
 Terphenyl-d14
 Concen: 0.56 ng
 RT: 19.724 min Scan# 1949
 Delta R.T. -0.005 min
 Lab File: BN013862.D
 Acq: 05 Mar 2021 16:39

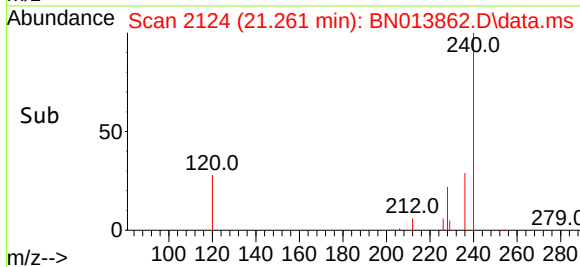
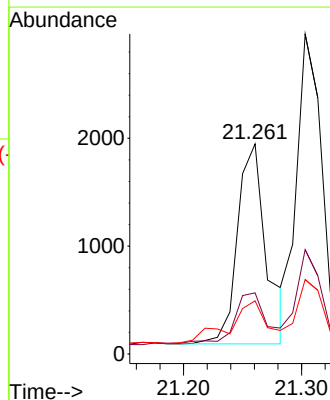
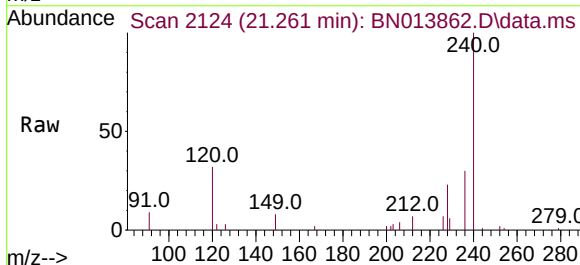
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-160-170-030421

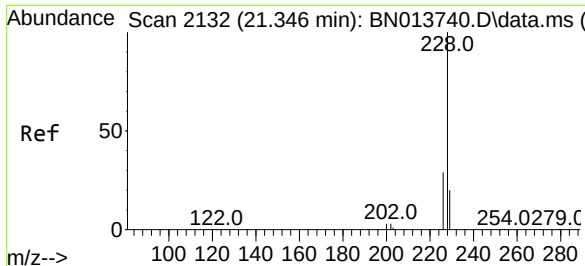
Tgt Ion:244 Resp: 35812
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.1 9.1
 122 12.1 9.8 14.8



#32
 Benzo(a)anthracene
 Concen: 0.04 ng
 RT: 21.261 min Scan# 2124
 Delta R.T. 0.000 min
 Lab File: BN013862.D
 Acq: 05 Mar 2021 16:39

Tgt Ion:228 Resp: 3151
 Ion Ratio Lower Upper
 228 100
 226 29.1 20.5 30.7
 229 25.3 16.2 24.4#

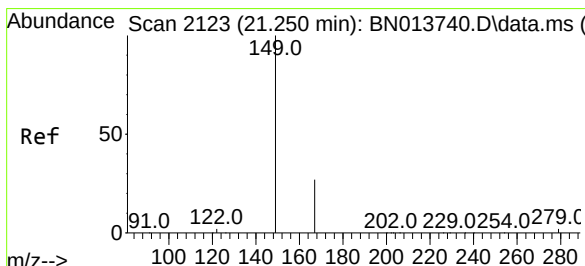
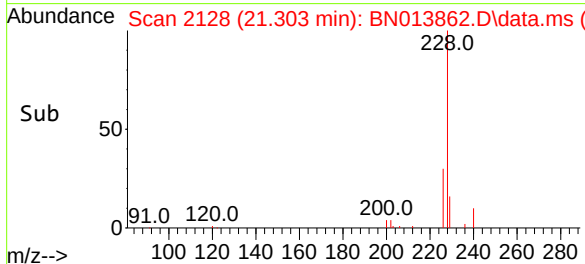
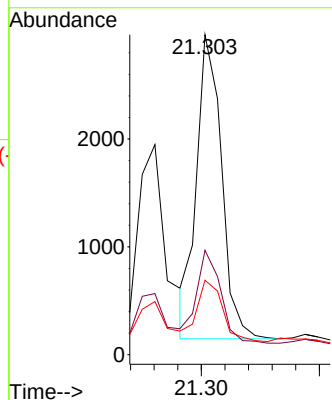
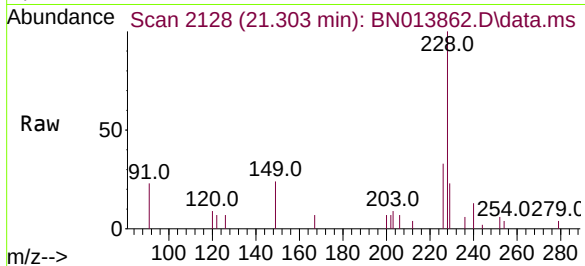




#33
Chrysene
Concen: 0.05 ng
RT: 21.303 min Scan# 2128
Delta R.T. -0.010 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

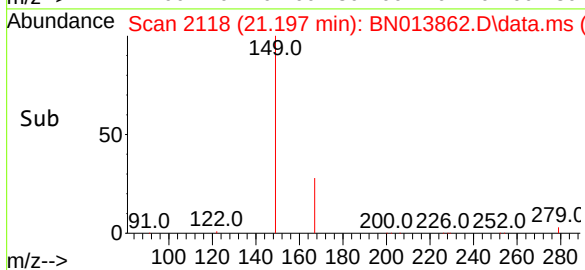
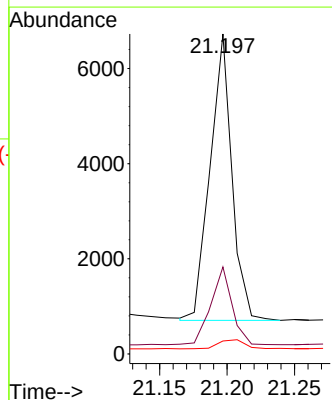
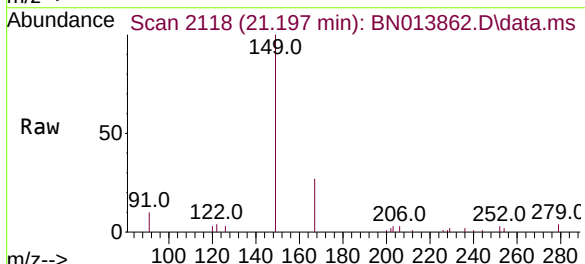
Instrument :
BNA_N
ClientSampleId :
GWBR3-160-170-030421

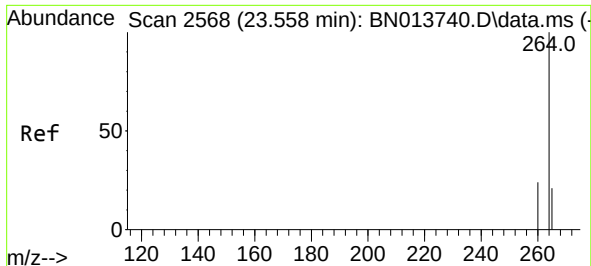
Tgt Ion:228	Resp:	4147
Ion Ratio	Lower	Upper
228	100	
226	32.6	24.3 36.5
229	23.2	15.1 22.7#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 21.197 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

Tgt Ion:149	Resp:	6775
Ion Ratio	Lower	Upper
149	100	
167	26.8	22.1 33.1
279	4.0	3.5 5.3

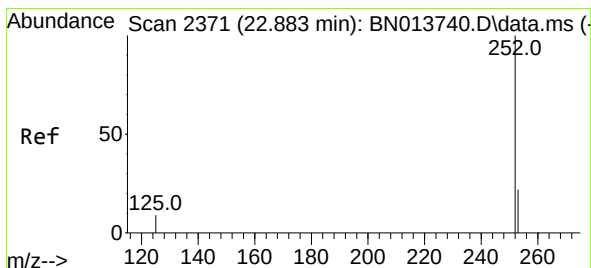
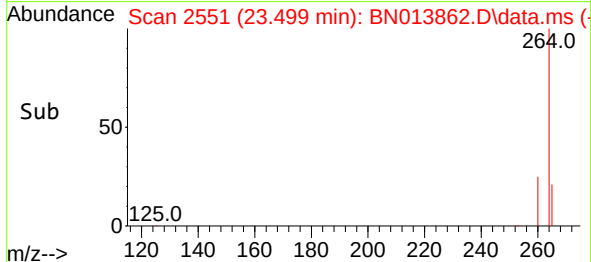
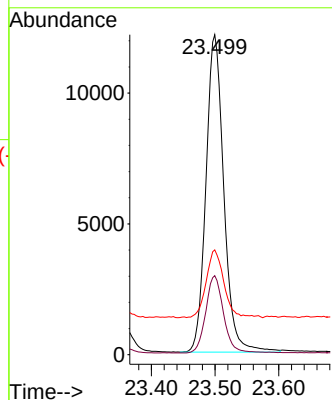
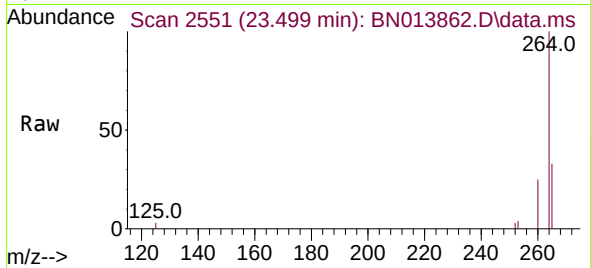




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.499 min Scan# 2551
 Delta R.T. -0.003 min
 Lab File: BN013862.D
 Acq: 05 Mar 2021 16:39

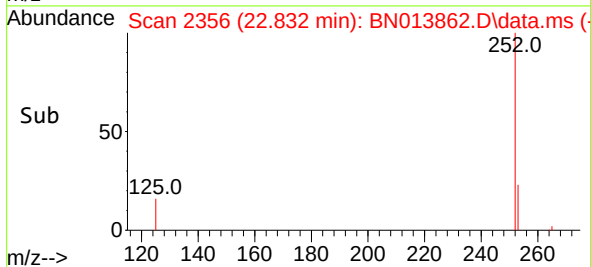
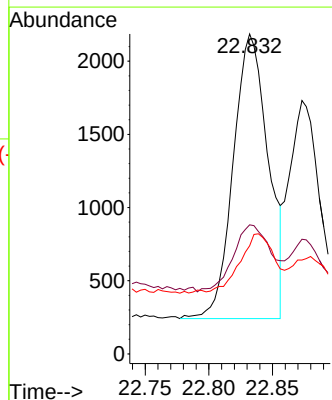
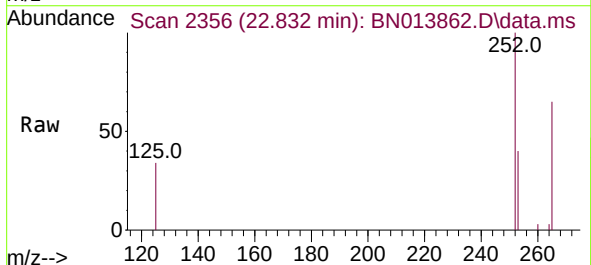
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-160-170-030421

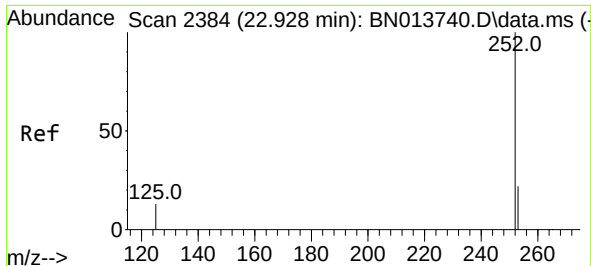
Tgt Ion:264 Resp: 23653
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.3 28.9
 265 32.7 66.2 99.4#



#37
 Benzo(b)fluoranthene
 Concen: 0.05 ng
 RT: 22.832 min Scan# 2356
 Delta R.T. -0.003 min
 Lab File: BN013862.D
 Acq: 05 Mar 2021 16:39

Tgt Ion:252 Resp: 3714
 Ion Ratio Lower Upper
 252 100
 253 40.3 20.4 30.6#
 125 33.8 11.6 17.4#

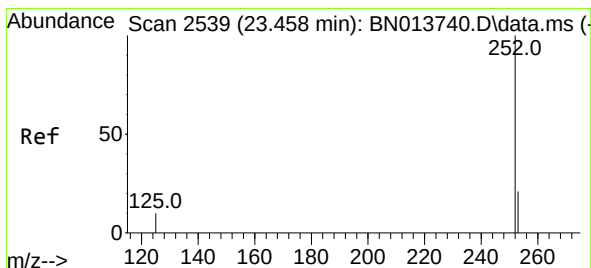
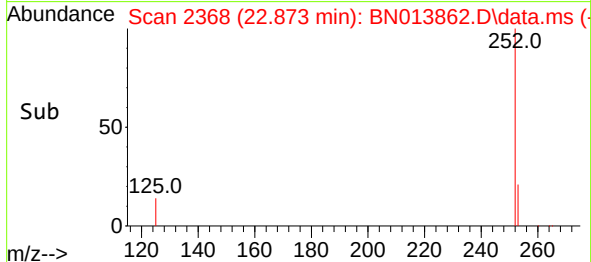
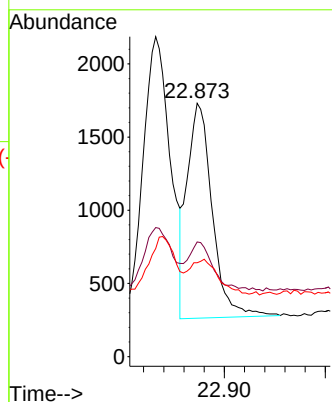
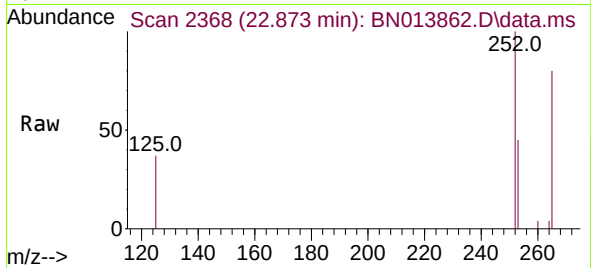




#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.873 min Scan# 2368
Delta R.T. -0.007 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

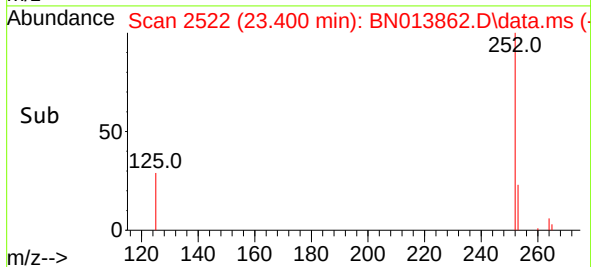
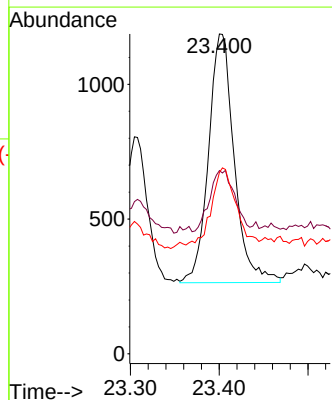
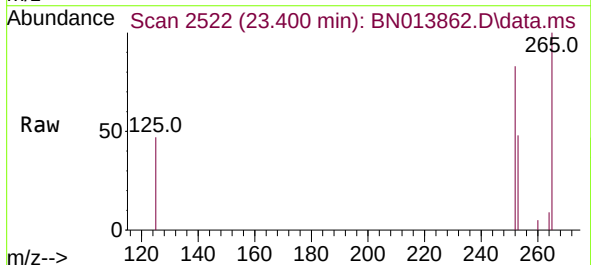
Instrument :
BNA_N
ClientSampleId :
GWBR3-160-170-030421

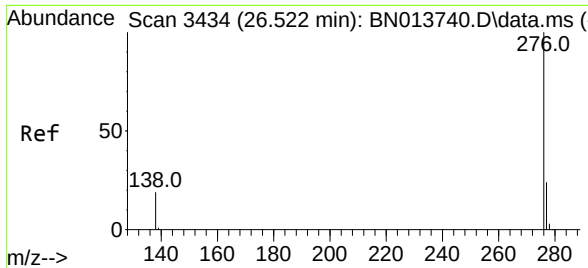
Tgt Ion:252 Resp: 2532
Ion Ratio Lower Upper
252 100
253 45.2 20.5 30.7#
125 37.0 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.400 min Scan# 2522
Delta R.T. -0.007 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

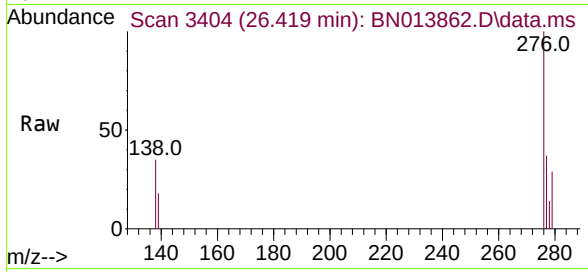
Tgt Ion:252 Resp: 1858
Ion Ratio Lower Upper
252 100
253 57.3 21.8 32.6#
125 56.7 14.6 21.8#





#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.419 min Scan# 3404
Delta R.T. -0.007 min
Lab File: BN013862.D
Acq: 05 Mar 2021 16:39

Instrument :
BNA_N
ClientSampleId :
GWBR3-160-170-030421



Tgt Ion:276 Resp: 1641
Ion Ratio Lower Upper
276 100
277 37.3 20.0 30.0#
138 35.3 17.8 26.8#

