

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030821\
 Data File : BN013866.D
 Acq On : 08 Mar 2021 11:01
 Operator : CG/JU
 Sample : M1574-03DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Mar 08 11:48:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 08 10:32:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	6619	0.40	ng	0.00
7) Naphthalene-d8	10.505	136	25546	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	14024	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	31753	0.40	ng	# 0.00
29) Chrysene-d12	21.271	240	29716	0.40	ng	# 0.00
36) Perylene-d12	23.493	264	26356	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.316	112	754	0.04	ng	0.00
5) Phenol-d6	6.887	99	622	0.03	ng	0.00
8) Nitrobenzene-d5	8.857	82	2539	0.15	ng	0.00
11) 2-Methylnaphthalene-d10	12.088	152	5857	0.14	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	661	0.12	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	9017	0.18	ng	0.00
27) Fluoranthene-d10	19.119	212	15533	0.17	ng	0.00
31) Terphenyl-d14	19.724	244	18136	0.28	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.255	88	19921	2.49	ng	Qvalue 96
25) Phenanthrene	17.128	178	4689	0.06	ng	97
28) Fluoranthene	19.153	202	4639	0.05	ng	96
30) Pyrene	19.516	202	3645	0.04	ng	96
33) Chrysene	21.303	228	2165	0.02	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.186	149	3640	0.08	ng	97
37) Benzo(b)fluoranthene	22.825	252	2464	0.03	ng	# 47
38) Benzo(k)fluoranthene	22.866	252	1639	0.02	ng	# 43

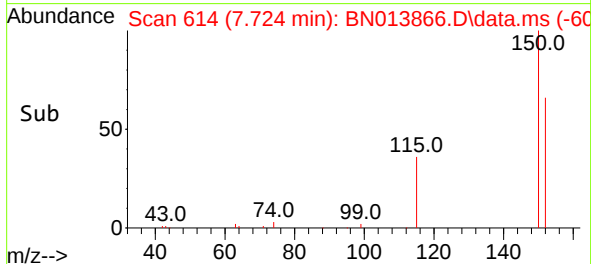
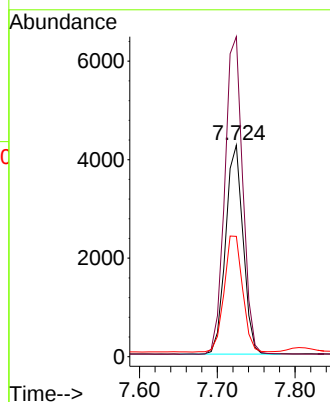
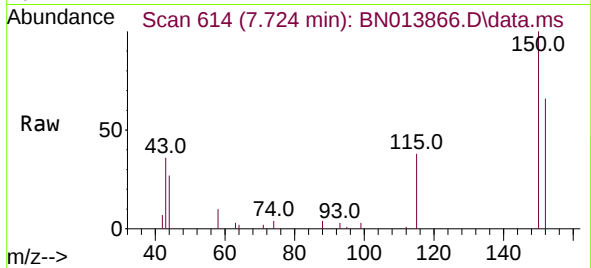
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.724 min Scan# 614
Delta R.T. 0.000 min
Lab File: BN013866.D
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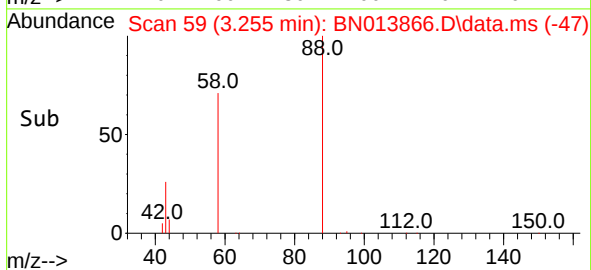
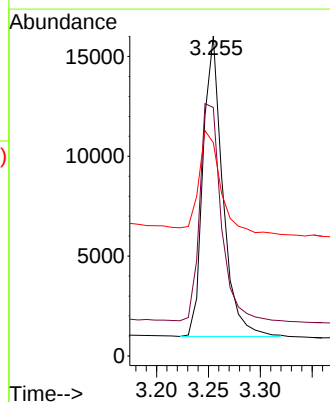
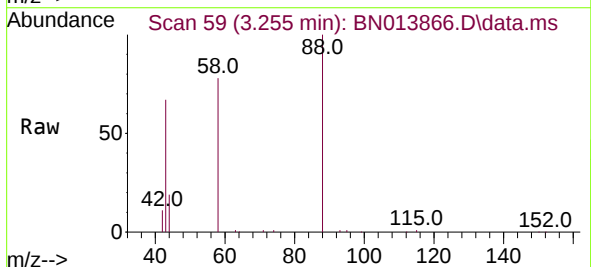
Instrument :
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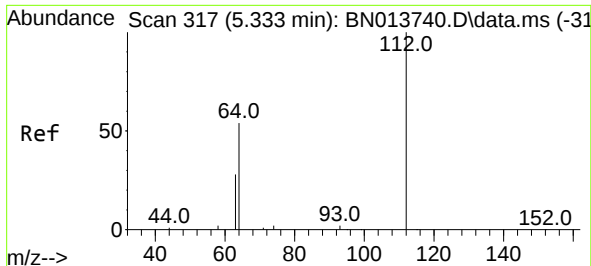
Tgt Ion:152 Resp: 6619
Ion Ratio Lower Upper
152 100
150 151.3 121.8 182.8
115 56.9 46.6 69.8



#2
1,4-Dioxane
Concen: 2.49 ng
RT: 3.255 min Scan# 59
Delta R.T. 0.000 min
Lab File: BN013866.D
Acq: 08 Mar 2021 11:01

Tgt Ion: 88 Resp: 19921
Ion Ratio Lower Upper
88 100
58 78.7 64.6 96.8
43 38.5 26.6 40.0

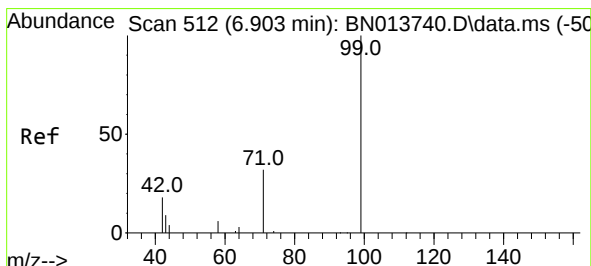
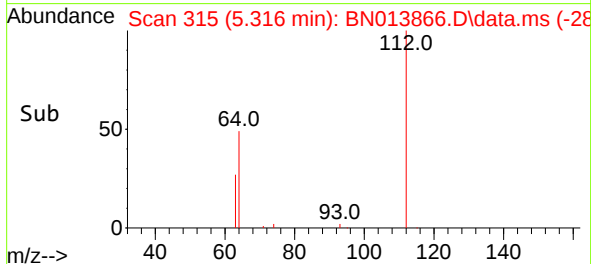
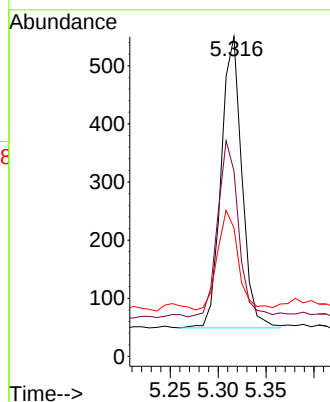
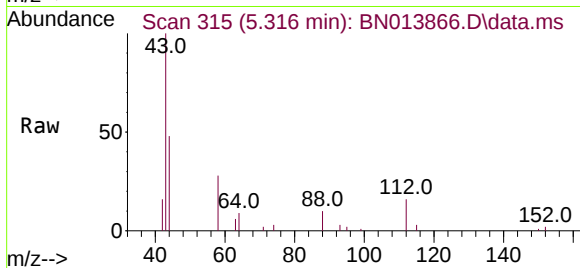




#4
2-Fluorophenol
Concen: 0.04 ng
RT: 5.316 min Scan# 315
Delta R.T. 0.008 min
Lab File: BN013866.D
Acq: 08 Mar 2021 11:01

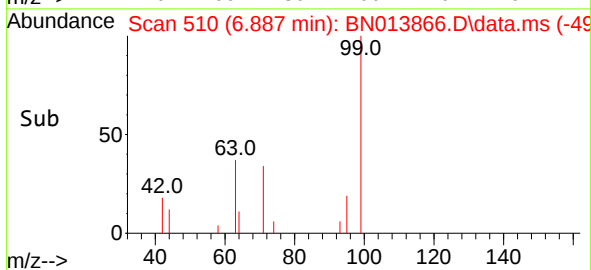
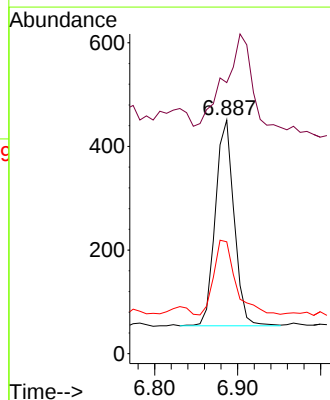
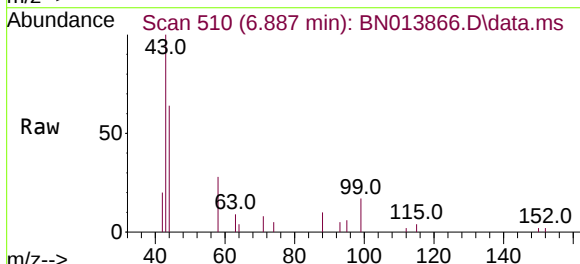
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BNA_N
ClientSampleId :
GWBR3-160-170-030421DL

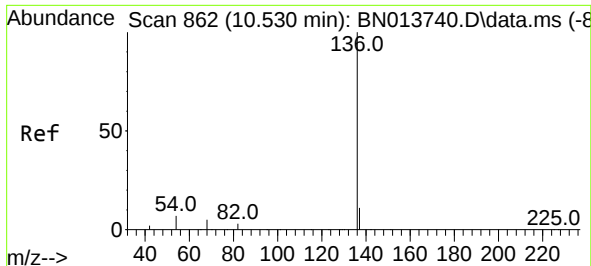
Tgt Ion:	112	Resp:	754
Ion	Ratio	Lower	Upper
112	100		
64	61.0	44.3	66.5
63	34.2	23.0	34.6



#5
Phenol-d6
Concen: 0.03 ng
RT: 6.887 min Scan# 510
Delta R.T. 0.008 min
Lab File: BN013866.D
Acq: 08 Mar 2021 11:01

Tgt Ion:	99	Resp:	622
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	42.8	26.1	39.1#

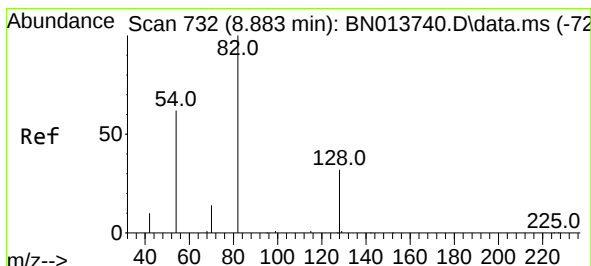
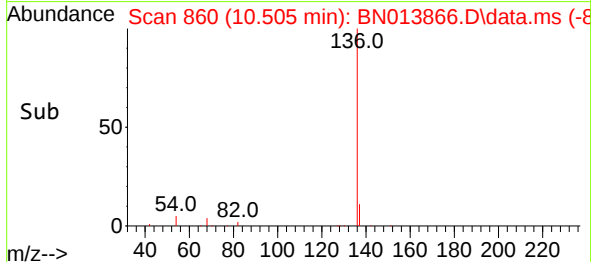
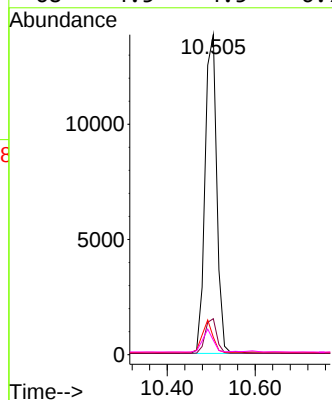
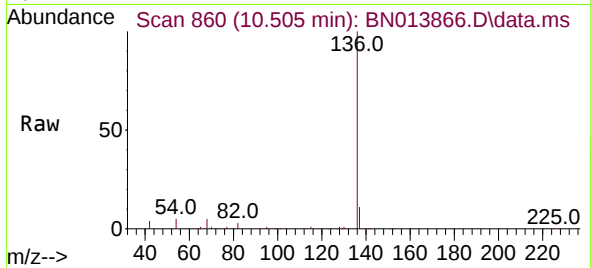




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. 0.000 min
Lab File: BN013866.D
Acq: 08 Mar 2021 11:01

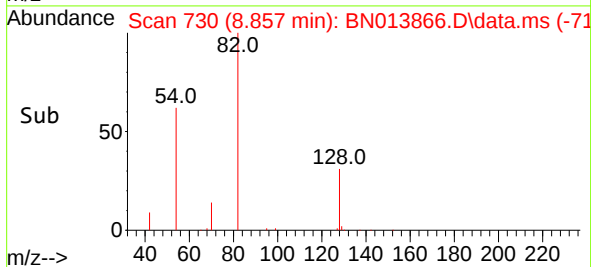
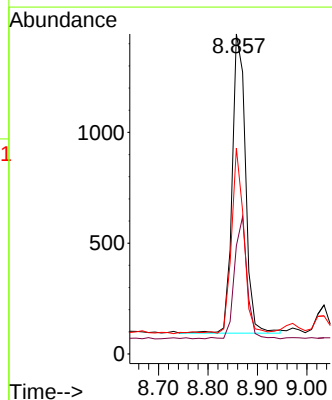
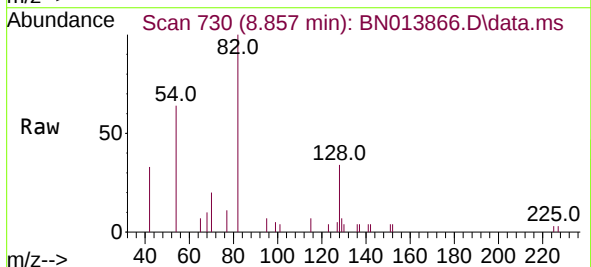
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ClientSampleId :
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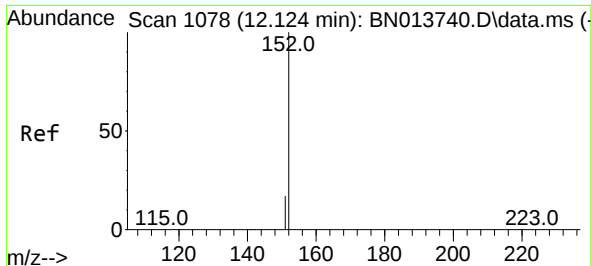
Tgt Ion:	136	Resp:	25546
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	5.5	6.4	9.6#
68	4.5	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.15 ng
RT: 8.857 min Scan# 730
Delta R.T. 0.000 min
Lab File: BN013866.D
Acq: 08 Mar 2021 11:01

Tgt Ion:	82	Resp:	2539
Ion Ratio	Lower	Upper	
82	100		
128	33.8	39.2	58.8#
54	64.3	40.1	60.1#

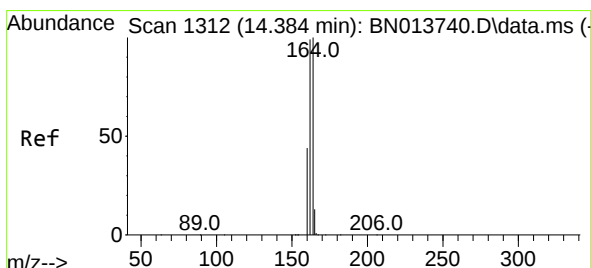
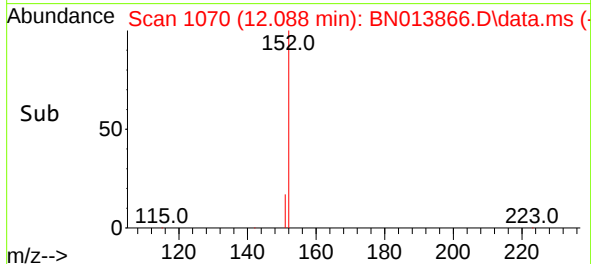
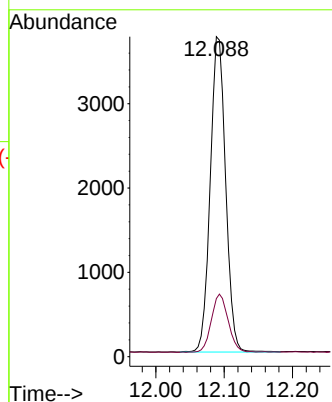
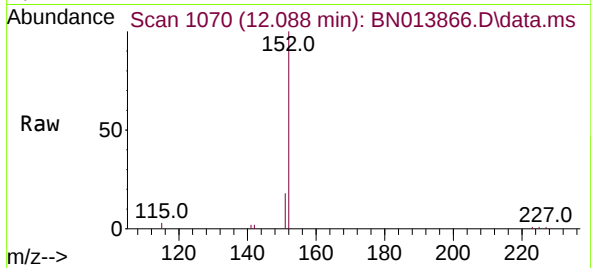




#11
2-Methylnaphthalene-d10
Concen: 0.14 ng
RT: 12.088 min Scan# 1070
Delta R.T. -0.004 min
Lab File: BN013866.D
Acq: 08 Mar 2021 11:01

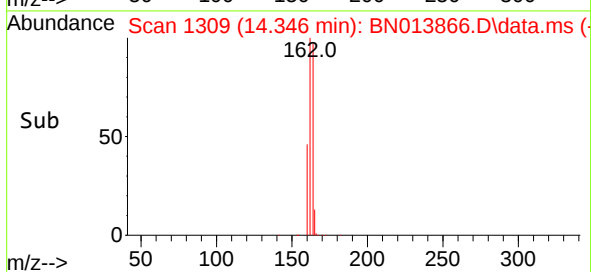
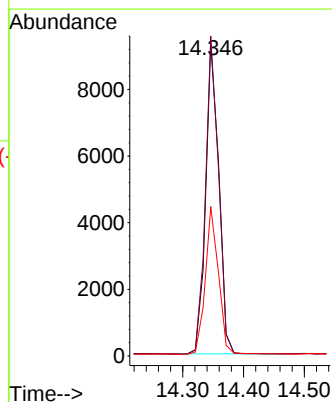
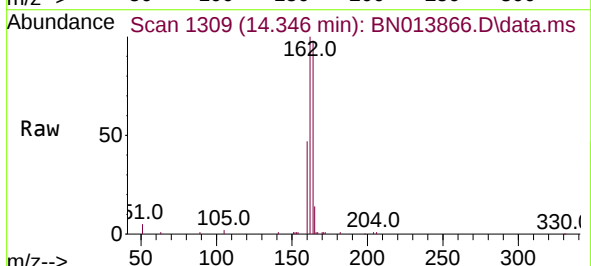
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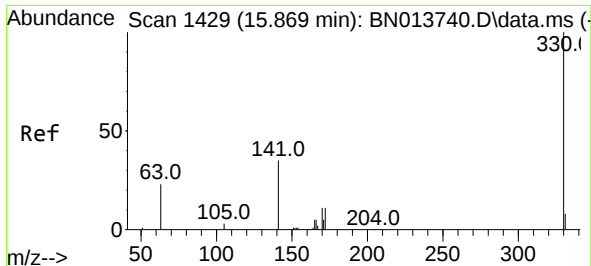
Tgt Ion:152 Resp: 5857
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN013866.D
Acq: 08 Mar 2021 11:01

Tgt Ion:164 Resp: 14024
Ion Ratio Lower Upper
164 100
162 102.3 79.6 119.4
160 47.7 36.0 54.0

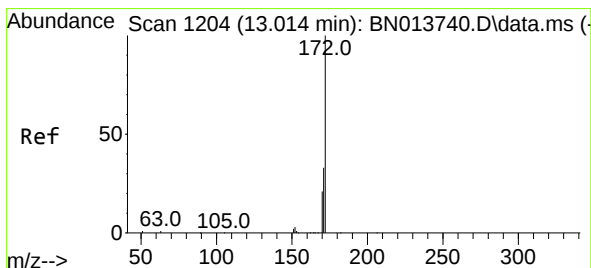
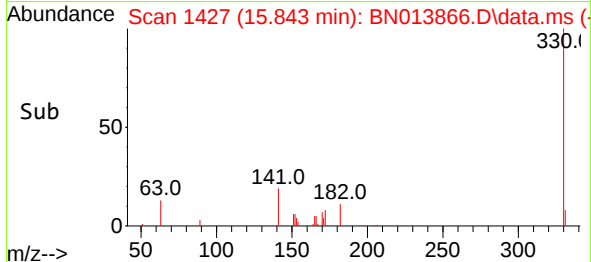
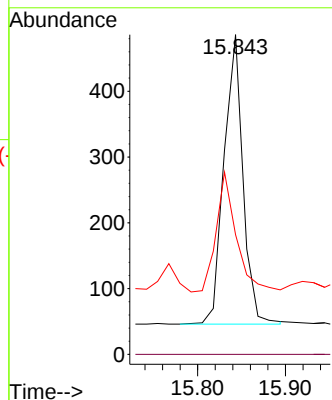
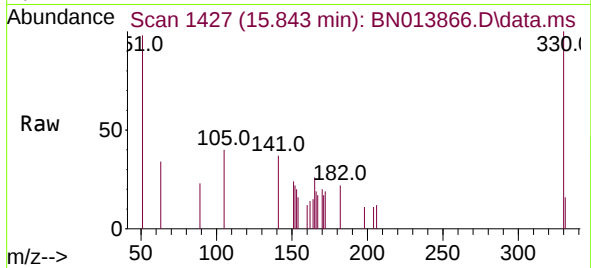




#14
2,4,6-Tribromophenol
Concen: 0.12 ng
RT: 15.843 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BN013866.D
Acq: 08 Mar 2021 11:01

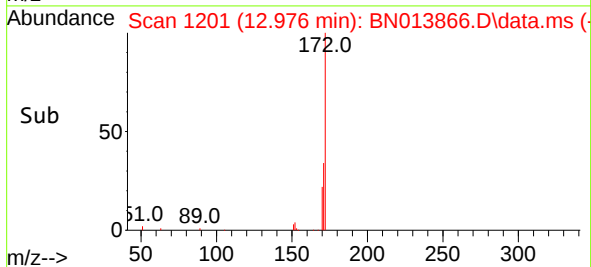
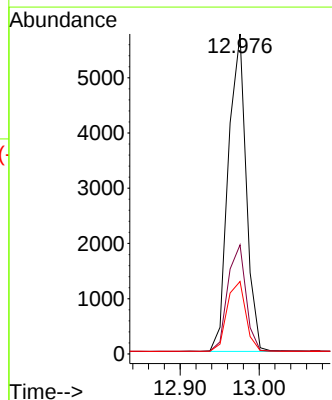
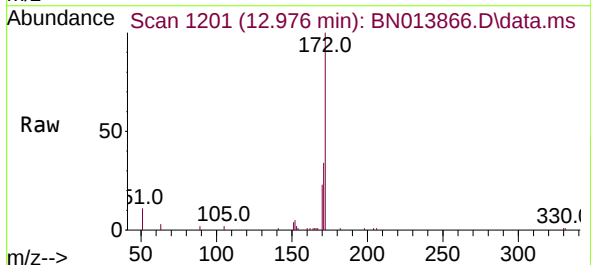
Instrument :
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ClientSampleId :
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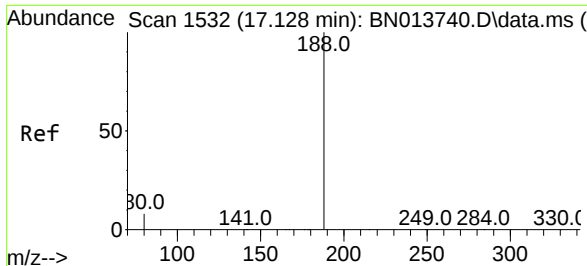
Tgt Ion:330 Resp: 661
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.9 26.8 40.2#



#15
2-Fluorobiphenyl
Concen: 0.18 ng
RT: 12.976 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN013866.D
Acq: 08 Mar 2021 11:01

Tgt Ion:172 Resp: 9017
Ion Ratio Lower Upper
172 100
171 34.1 28.6 42.8
170 22.6 18.9 28.3

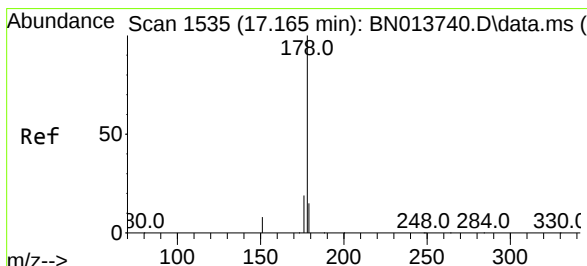
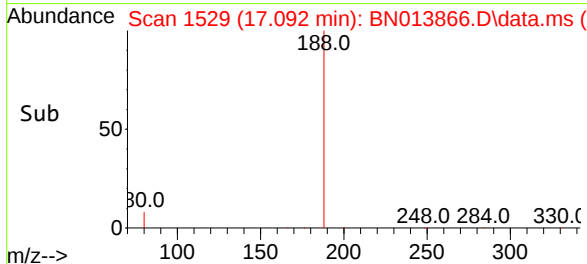
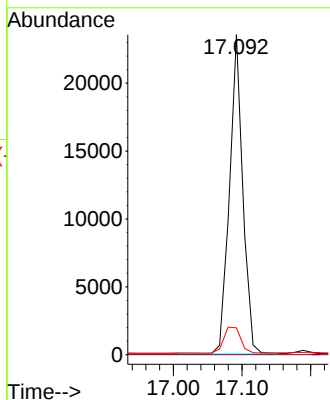
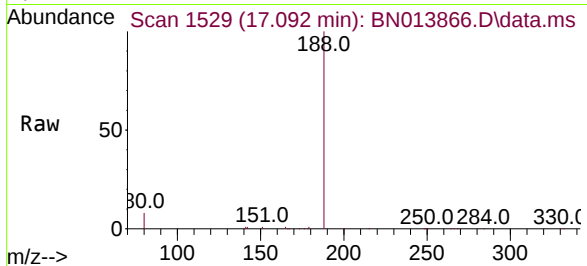




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. 0.001 min
Lab File: BN013866.D
Acq: 08 Mar 2021 11:01

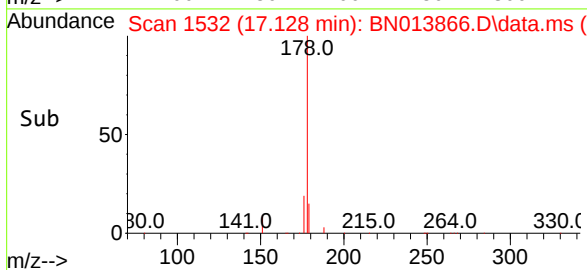
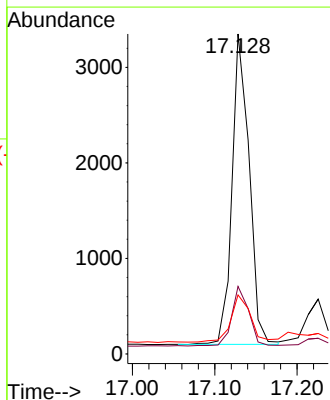
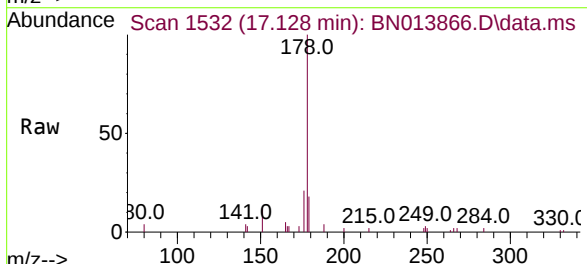
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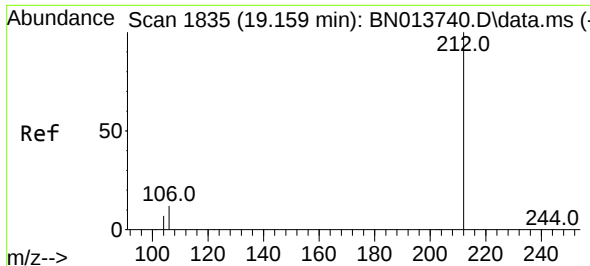
Tgt Ion:188 Resp: 31753
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 9.0 13.6#



#25
Phenanthrene
Concen: 0.06 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.001 min
Lab File: BN013866.D
Acq: 08 Mar 2021 11:01

Tgt Ion:178 Resp: 4689
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 17.2 12.3 18.5

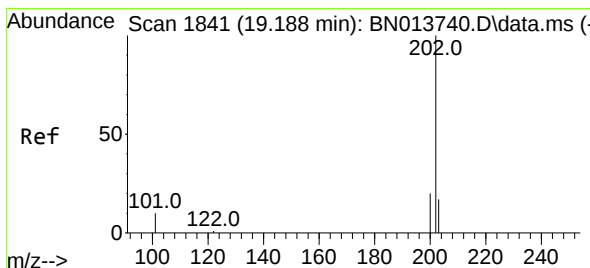
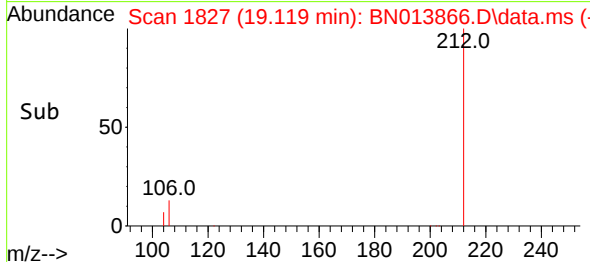
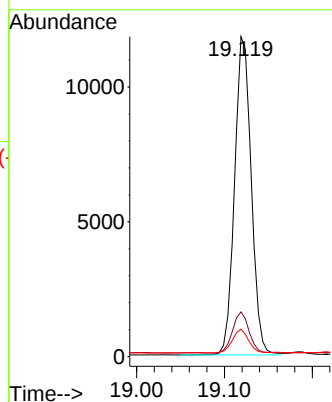
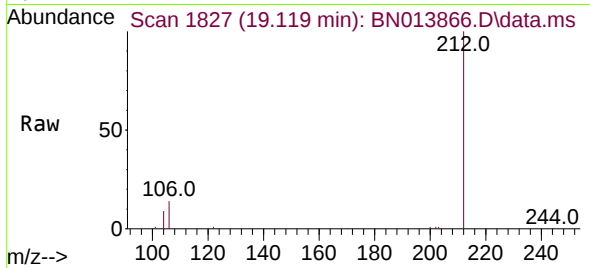




#27
Fluoranthene-d10
Concen: 0.17 ng
RT: 19.119 min Scan# 1827
Delta R.T. -0.002 min
Lab File: BN013866.D
Acq: 08 Mar 2021 11:01

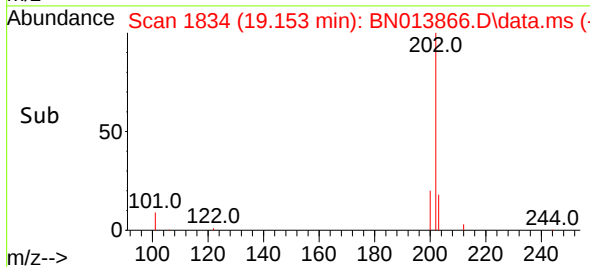
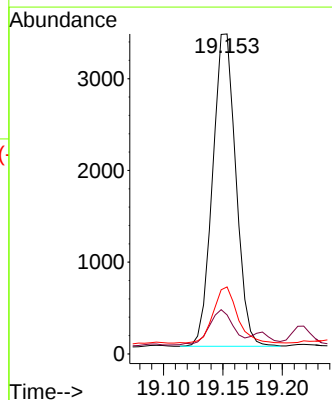
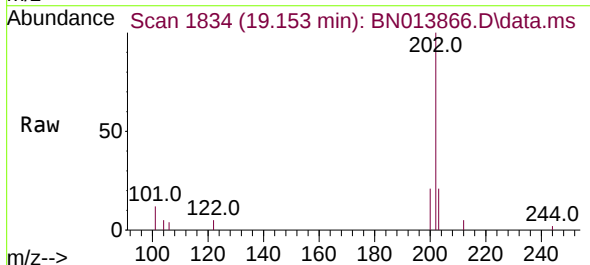
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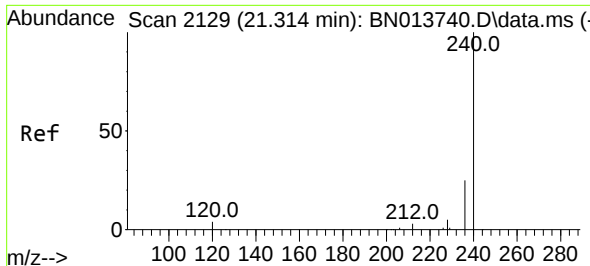
Tgt Ion:212 Resp: 15533
Ion Ratio Lower Upper
212 100
106 12.8 9.7 14.5
104 7.3 5.5 8.3



#28
Fluoranthene
Concen: 0.05 ng
RT: 19.153 min Scan# 1834
Delta R.T. 0.003 min
Lab File: BN013866.D
Acq: 08 Mar 2021 11:01

Tgt Ion:202 Resp: 4639
Ion Ratio Lower Upper
202 100
101 11.5 8.1 12.1
203 19.1 13.9 20.9

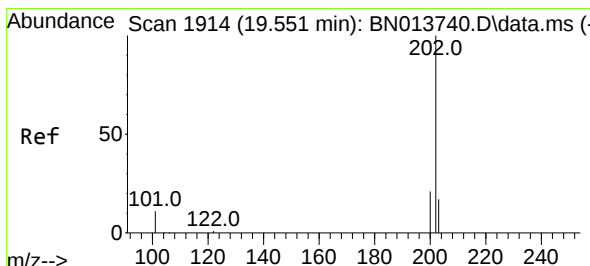
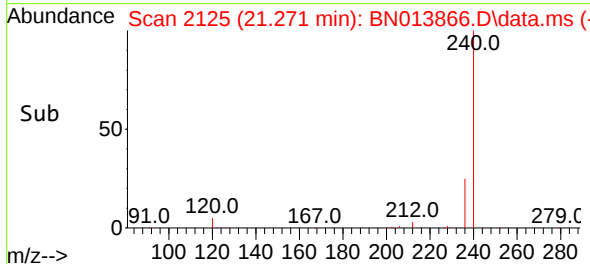
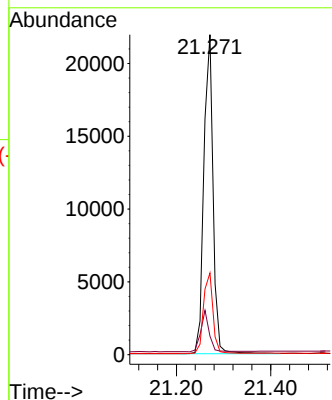
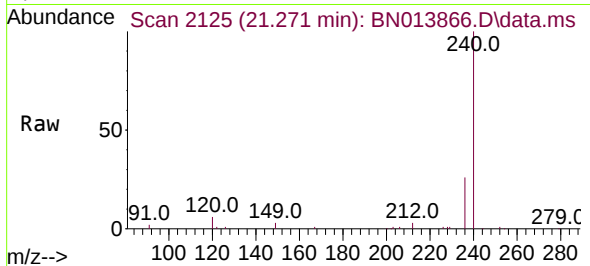




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.271 min Scan# 2125
Delta R.T. 0.003 min
Lab File: BN013866.D
Acq: 08 Mar 2021 11:01

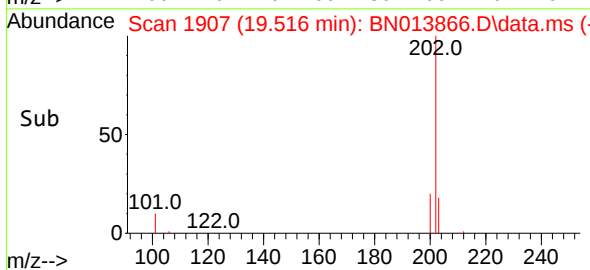
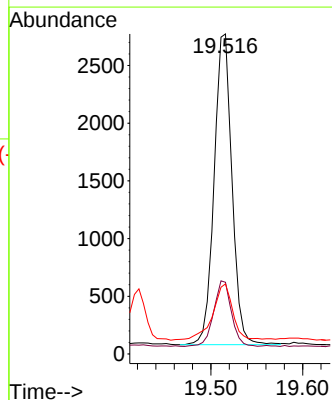
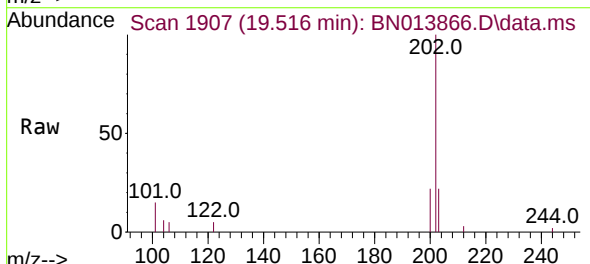
Instrument :
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ClientSampleId :
GWBR3-160-170-030421DL

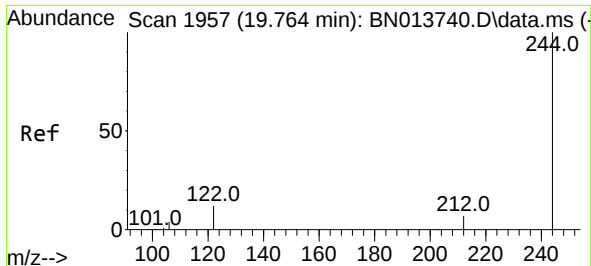
Tgt Ion:240 Resp: 29716
Ion Ratio Lower Upper
240 100
120 5.8 10.2 15.4#
236 25.5 21.3 31.9



#30
Pyrene
Concen: 0.04 ng
RT: 19.516 min Scan# 1907
Delta R.T. 0.003 min
Lab File: BN013866.D
Acq: 08 Mar 2021 11:01

Tgt Ion:202 Resp: 3645
Ion Ratio Lower Upper
202 100
200 21.1 16.3 24.5
203 20.6 14.0 21.0

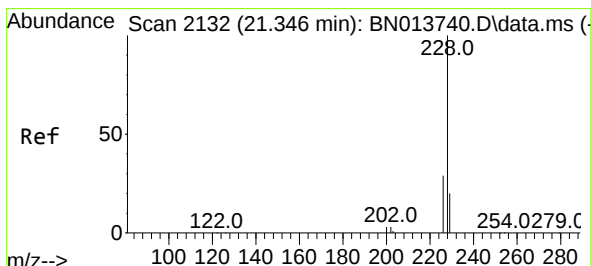
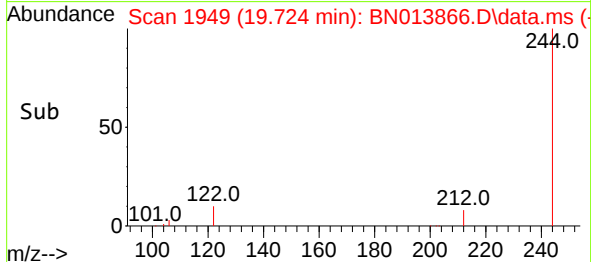
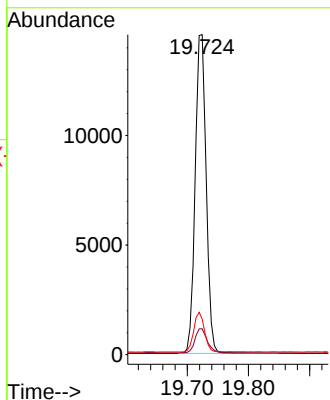
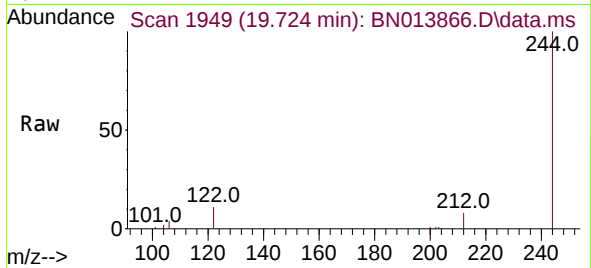




#31
 Terphenyl-d14
 Concen: 0.28 ng
 RT: 19.724 min Scan# 1949
 Delta R.T. 0.003 min
 Lab File: BN013866.D
 Acq: 08 Mar 2021 11:01

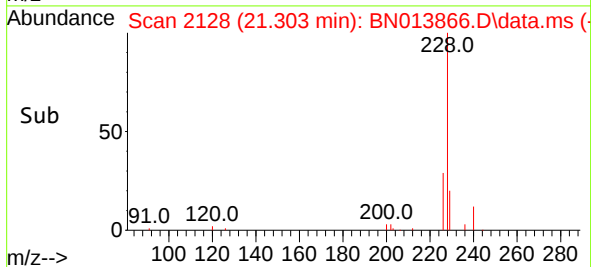
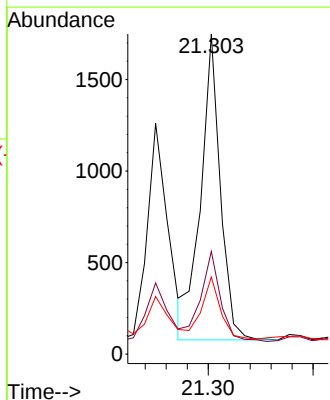
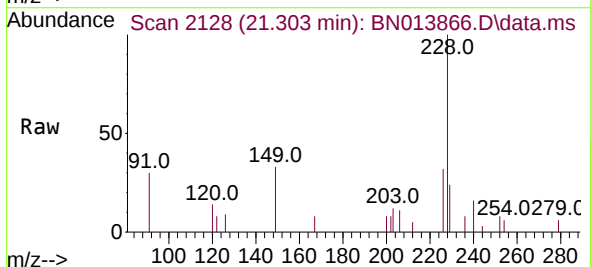
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-160-170-030421DL

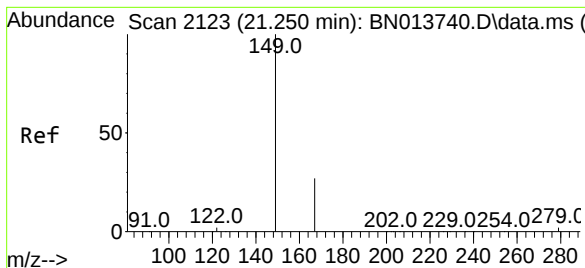
Tgt Ion:244	Resp:	18136
Ion Ratio	Lower	Upper
244	100	
212	8.1	6.1 9.1
122	11.1	9.8 14.8



#33
 Chrysene
 Concen: 0.02 ng
 RT: 21.303 min Scan# 2128
 Delta R.T. 0.003 min
 Lab File: BN013866.D
 Acq: 08 Mar 2021 11:01

Tgt Ion:228	Resp:	2165
Ion Ratio	Lower	Upper
228	100	
226	32.1	24.3 36.5
229	24.1	15.1 22.7#

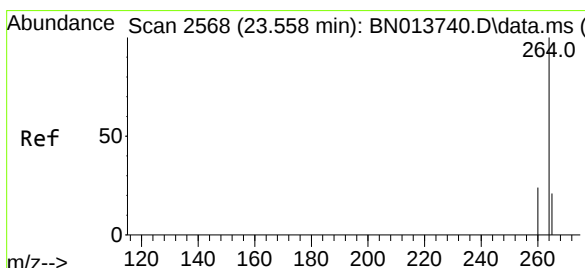
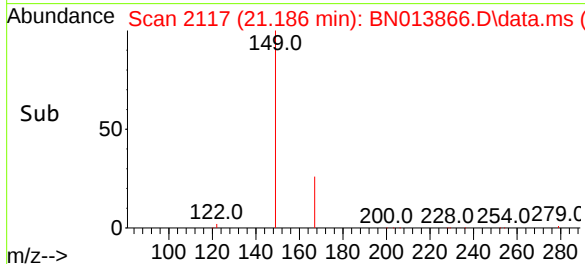
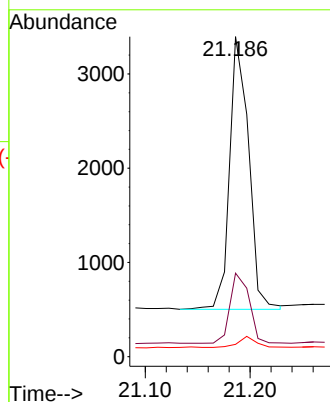
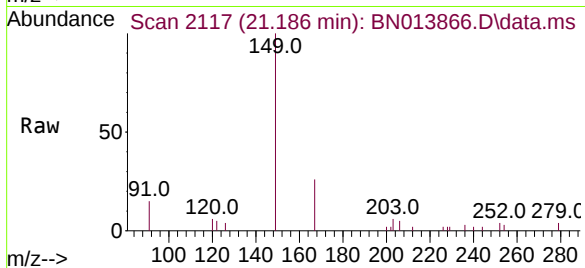




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.08 ng
 RT: 21.186 min Scan# 2117
 Delta R.T. -0.008 min
 Lab File: BN013866.D
 Acq: 08 Mar 2021 11:01

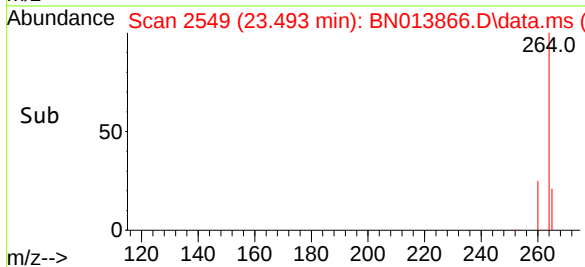
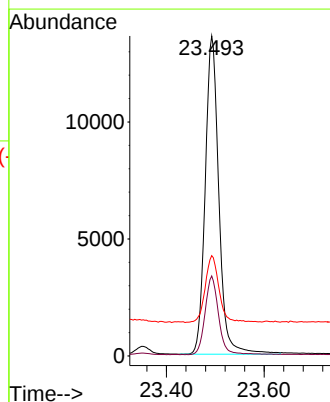
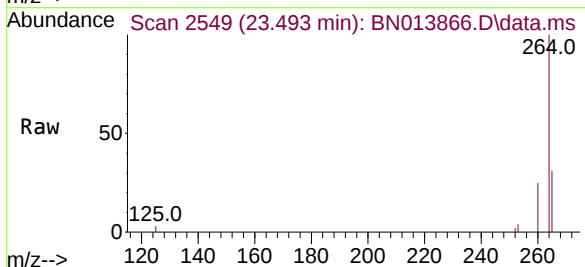
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-160-170-030421DL

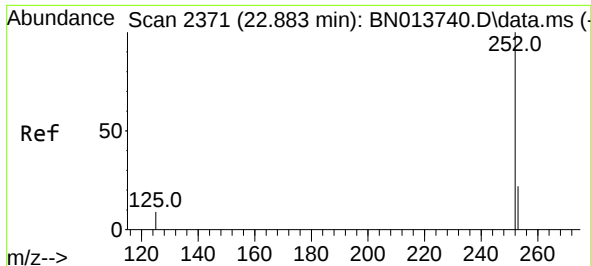
Tgt Ion:149 Resp: 3640
 Ion Ratio Lower Upper
 149 100
 167 25.8 22.1 33.1
 279 3.8 3.5 5.3



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.493 min Scan# 2549
 Delta R.T. -0.001 min
 Lab File: BN013866.D
 Acq: 08 Mar 2021 11:01

Tgt Ion:264 Resp: 26356
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.3 28.9
 265 31.4 66.2 99.4#

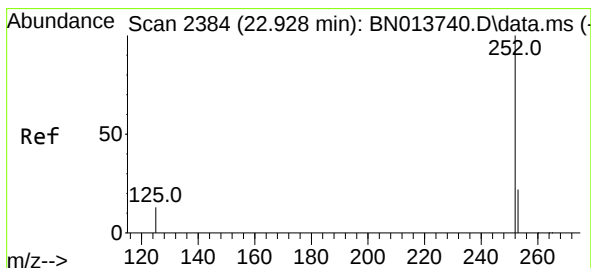
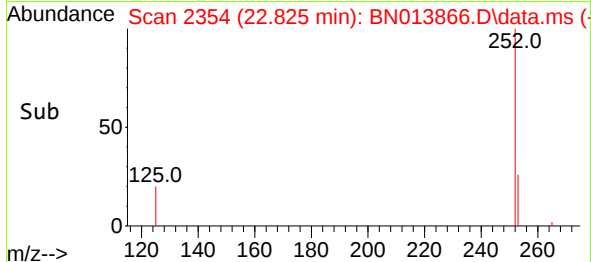
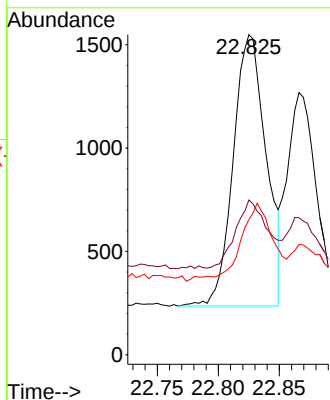
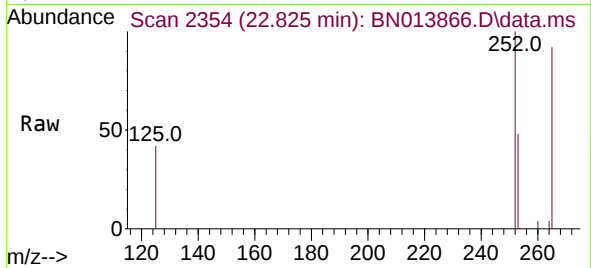




#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.825 min Scan# 2354
Delta R.T. -0.001 min
Lab File: BN013866.D
Acq: 08 Mar 2021 11:01

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

Tgt Ion:252 Resp: 2464
Ion Ratio Lower Upper
252 100
253 48.4 20.4 30.6#
125 42.2 11.6 17.4#



#38
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.866 min Scan# 2366
Delta R.T. -0.001 min
Lab File: BN013866.D
Acq: 08 Mar 2021 11:01

Tgt Ion:252 Resp: 1639
Ion Ratio Lower Upper
252 100
253 52.2 20.5 30.7#
125 42.0 12.3 18.5#

