

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030821\
 Data File : BN013876.D
 Acq On : 08 Mar 2021 19:00
 Operator : CG/JU
 Sample : M1594-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-187-200-030521-FD

Quant Time: Mar 08 23:12:33 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

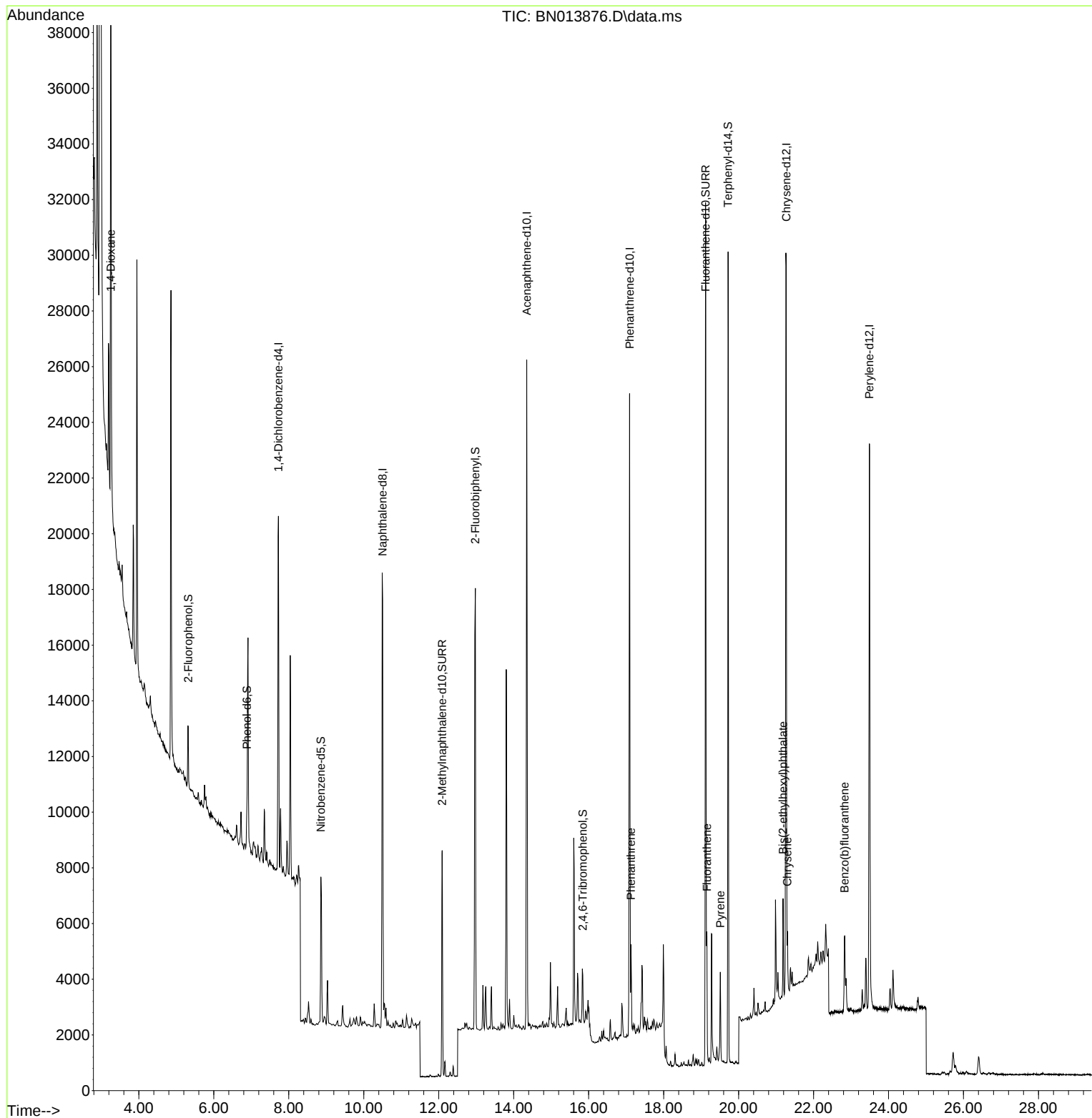
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	6020	0.40	ng	0.00
7) Naphthalene-d8	10.505	136	23603	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	13219	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	29485	0.40	ng	# 0.00
29) Chrysene-d12	21.271	240	28694	0.40	ng	# 0.00
36) Perylene-d12	23.489	264	26334	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.316	112	1756	0.11	ng	0.00
5) Phenol-d6	6.887	99	1288	0.06	ng	0.00
8) Nitrobenzene-d5	8.857	82	4461	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.093	152	10560	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	1582	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	15082	0.32	ng	0.00
27) Fluoranthene-d10	19.119	212	32863	0.38	ng	0.00
31) Terphenyl-d14	19.719	244	27555	0.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.255	88	13363	1.84	ng	# 91
25) Phenanthrene	17.128	178	3356	0.04	ng	# 95
28) Fluoranthene	19.153	202	3695	0.04	ng	# 89
30) Pyrene	19.511	202	2802	0.03	ng	# 95
33) Chrysene	21.303	228	1837	0.02	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.186	149	3211	0.08	ng	99
37) Benzo(b)fluoranthene	22.825	252	2683	0.03	ng	# 13

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

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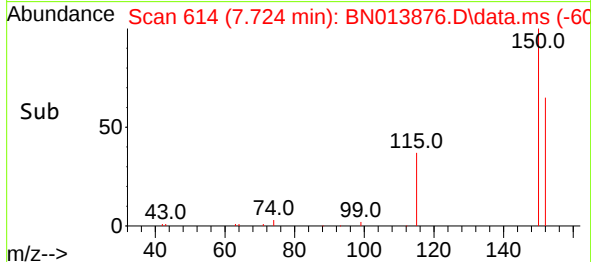
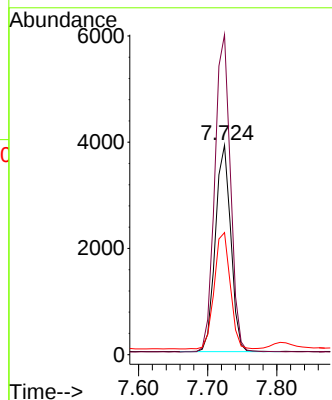
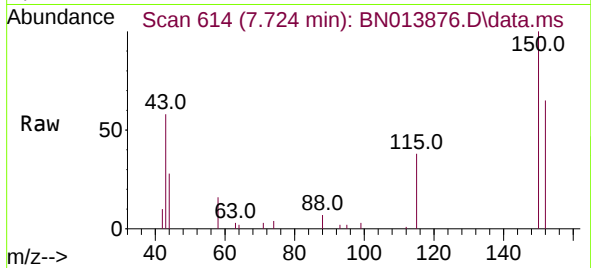




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.724 min Scan# 614
Delta R.T. 0.000 min
Lab File: BN013876.D
Acq: 08 Mar 2021 19:00

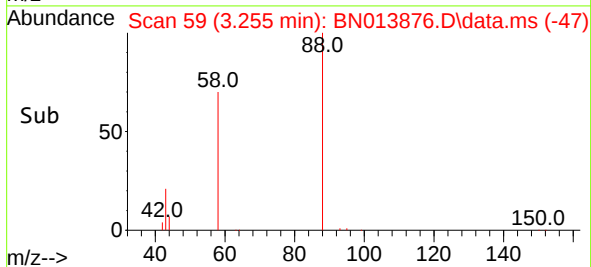
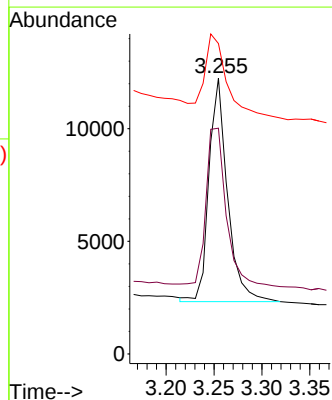
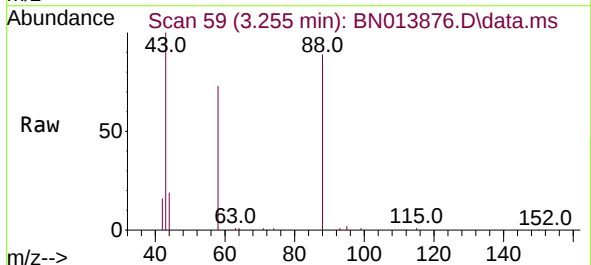
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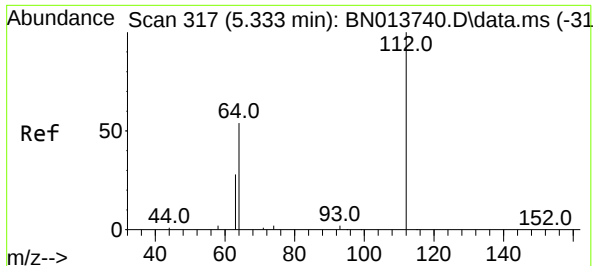
Tgt Ion:152 Resp: 6020
Ion Ratio Lower Upper
152 100
150 152.8 121.8 182.8
115 58.3 46.6 69.8



#2
1,4-Dioxane
Concen: 1.84 ng
RT: 3.255 min Scan# 59
Delta R.T. -0.000 min
Lab File: BN013876.D
Acq: 08 Mar 2021 19:00

Tgt Ion: 88 Resp: 13363
Ion Ratio Lower Upper
88 100
58 78.3 64.6 96.8
43 46.6 26.6 40.0#

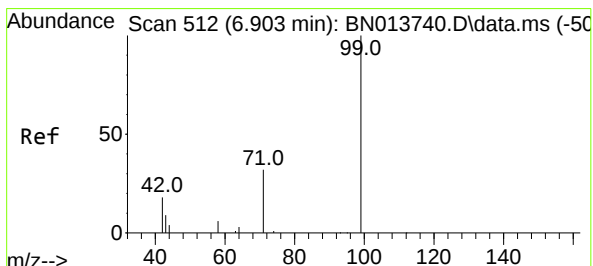
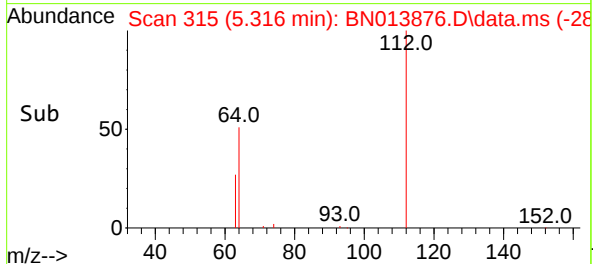
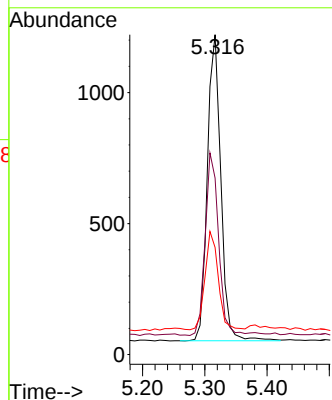
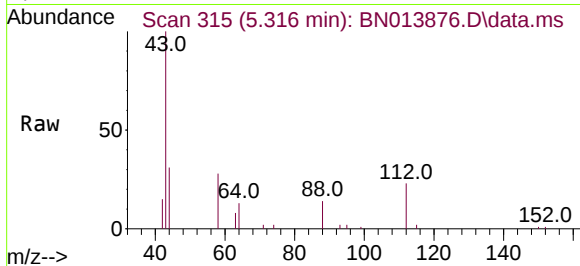




#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.316 min Scan# 315
Delta R.T. 0.008 min
Lab File: BN013876.D
Acq: 08 Mar 2021 19:00

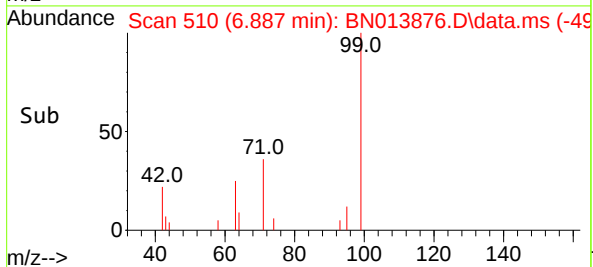
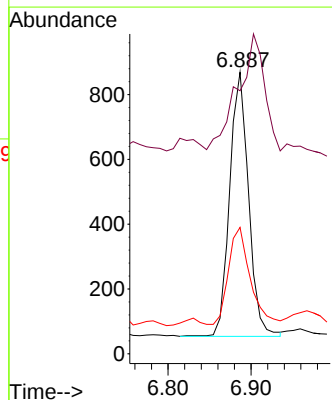
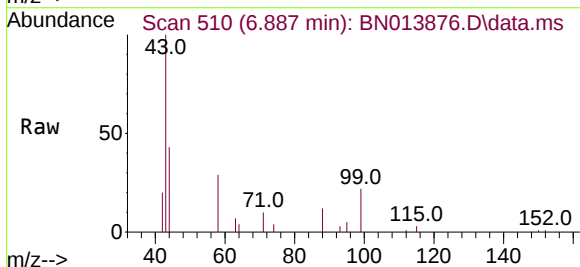
Instrument :
BNA_N
ClientSampleId :
GWBR3-187-200-030521-FD

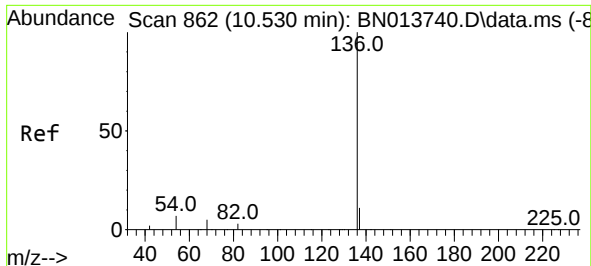
Tgt Ion:112 Resp: 1756
Ion Ratio Lower Upper
112 100
64 59.4 44.3 66.5
63 31.7 23.0 34.6



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.887 min Scan# 510
Delta R.T. 0.008 min
Lab File: BN013876.D
Acq: 08 Mar 2021 19:00

Tgt Ion: 99 Resp: 1288
Ion Ratio Lower Upper
99 100
42 94.9 15.2 22.8#
71 44.2 26.1 39.1#

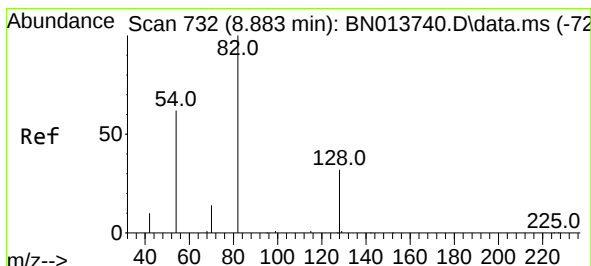
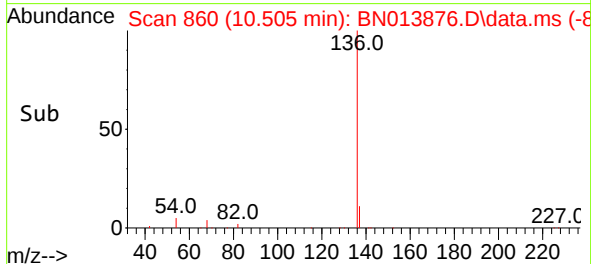
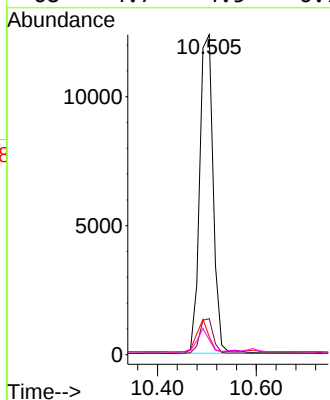
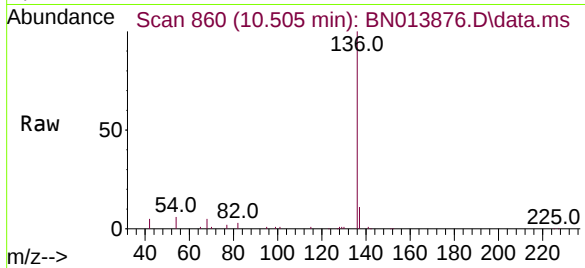




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. -0.000 min
Lab File: BN013876.D
Acq: 08 Mar 2021 19:00

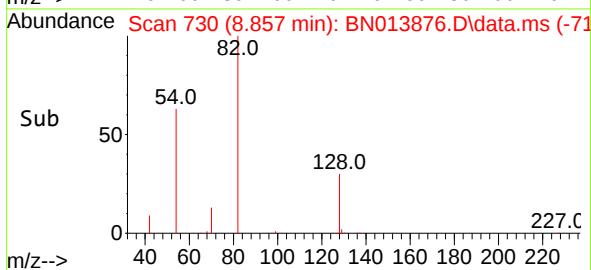
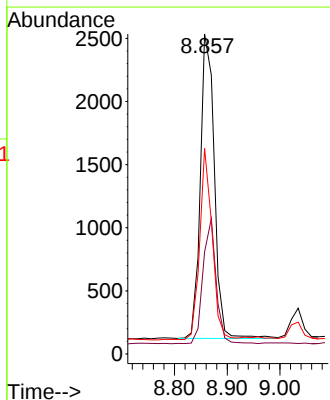
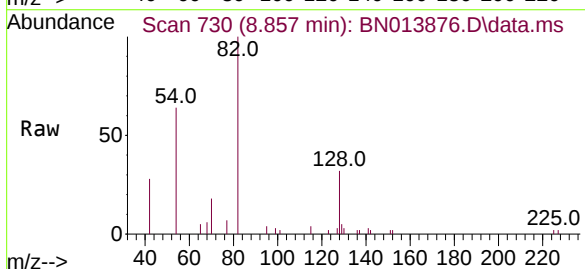
Instrument :
BNA_N
ClientSampleId :
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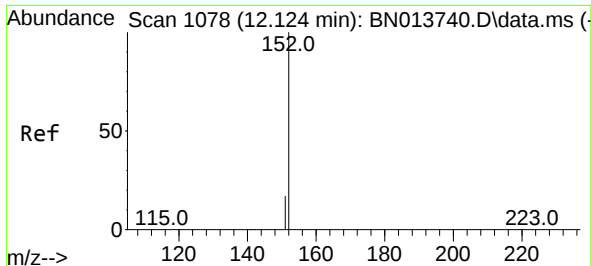
Tgt Ion:	136	Resp:	23603
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	5.7	6.4	9.6#
68	4.7	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 8.857 min Scan# 730
Delta R.T. -0.000 min
Lab File: BN013876.D
Acq: 08 Mar 2021 19:00

Tgt Ion:	82	Resp:	4461
Ion Ratio	Lower	Upper	
82	100		
128	31.9	39.2	58.8#
54	64.2	40.1	60.1#

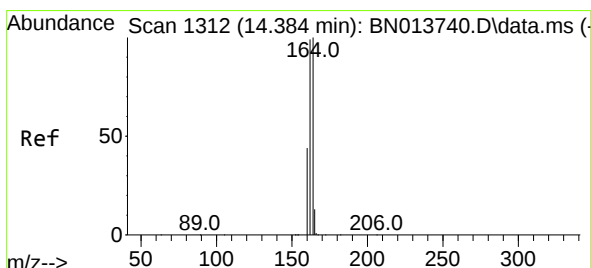
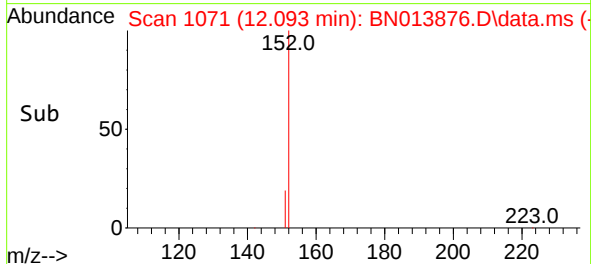
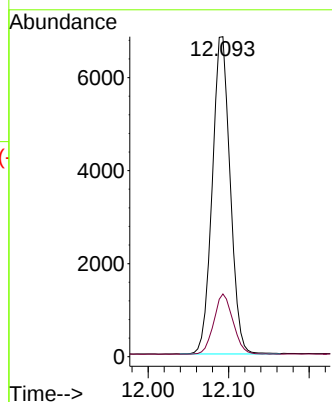
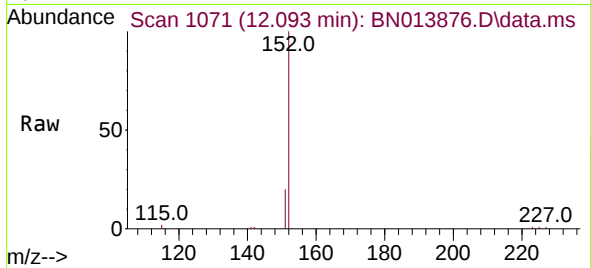




#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.093 min Scan# 1071
Delta R.T. -0.000 min
Lab File: BN013876.D
Acq: 08 Mar 2021 19:00

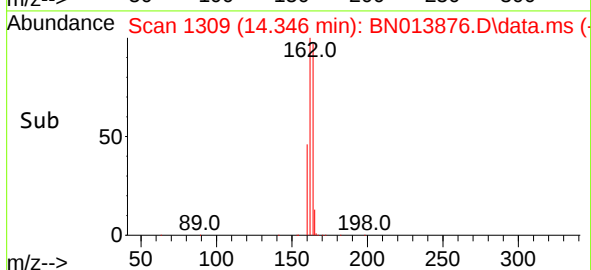
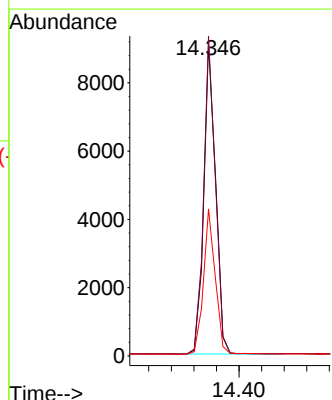
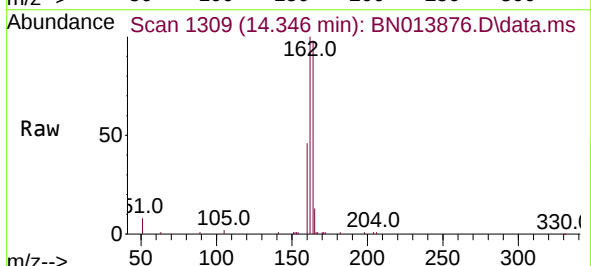
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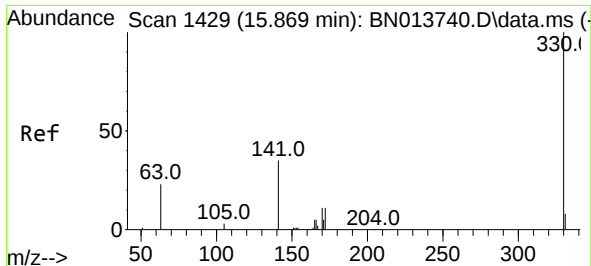
Tgt Ion:152 Resp: 10560
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BN013876.D
Acq: 08 Mar 2021 19:00

Tgt Ion:164 Resp: 13219
Ion Ratio Lower Upper
164 100
162 102.5 79.6 119.4
160 47.1 36.0 54.0

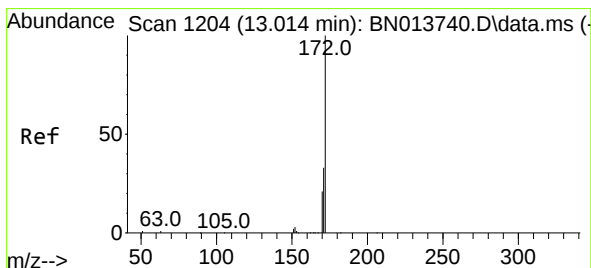
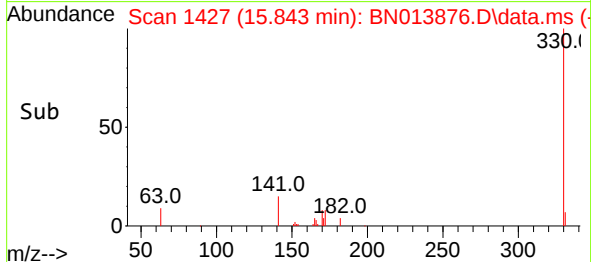
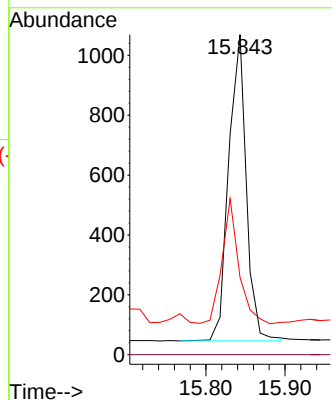
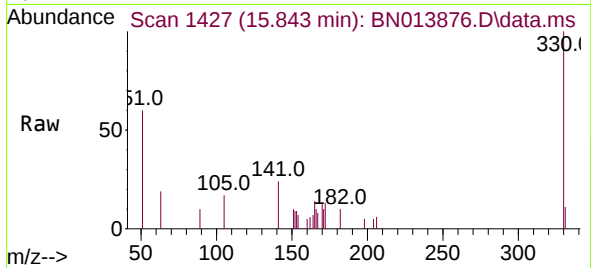




#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.843 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BN013876.D
Acq: 08 Mar 2021 19:00

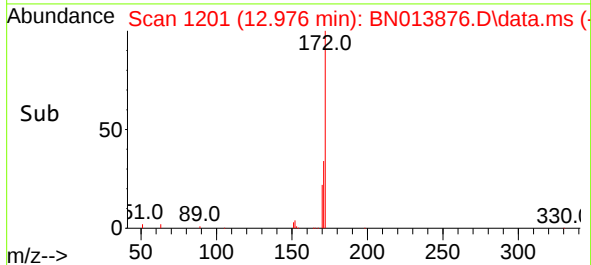
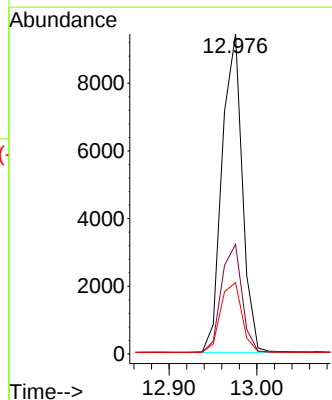
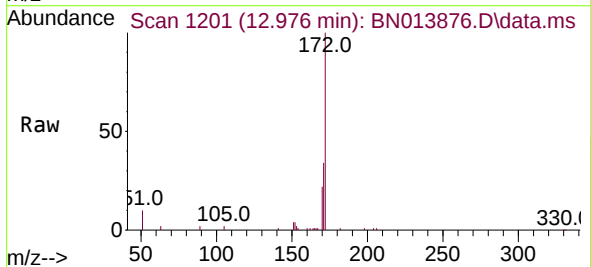
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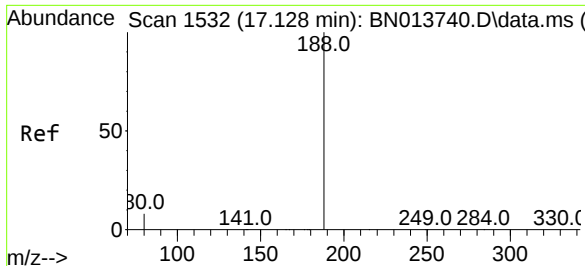
Tgt Ion:330 Resp: 1582
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.0 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.976 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BN013876.D
Acq: 08 Mar 2021 19:00

Tgt Ion:172 Resp: 15082
Ion Ratio Lower Upper
172 100
171 34.2 28.6 42.8
170 22.4 18.9 28.3

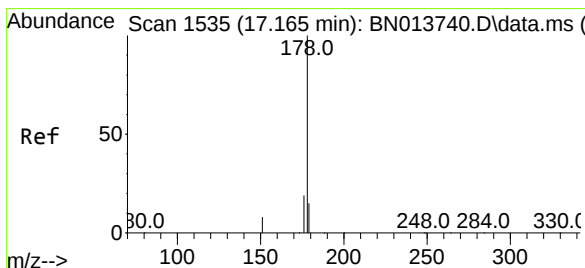
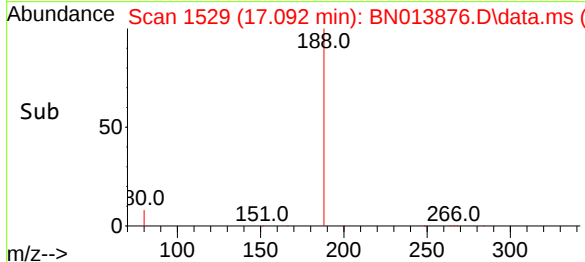
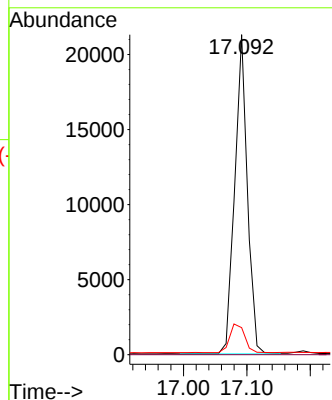
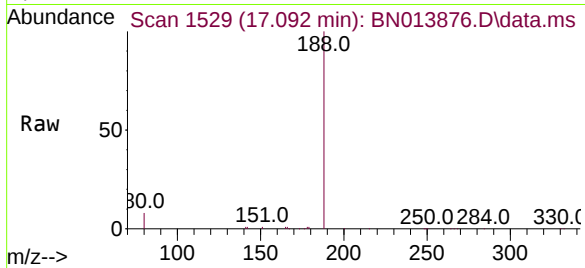




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BN013876.D
Acq: 08 Mar 2021 19:00

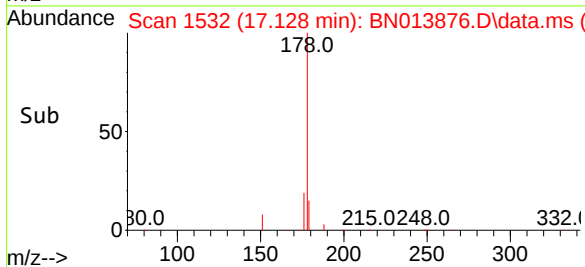
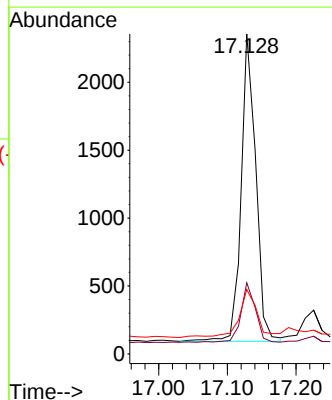
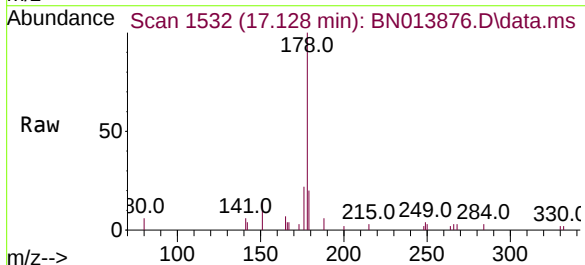
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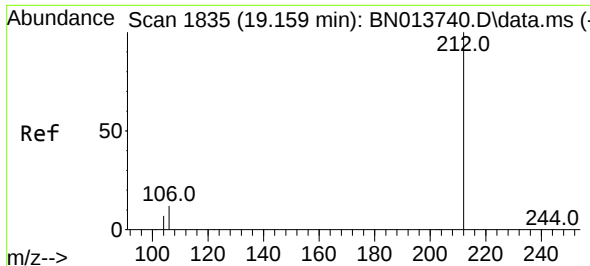
Tgt Ion:188 Resp: 29485
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 9.0 13.6#



#25
Phenanthrene
Concen: 0.04 ng
RT: 17.128 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BN013876.D
Acq: 08 Mar 2021 19:00

Tgt Ion:178 Resp: 3356
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.4
179 19.2 12.3 18.5#

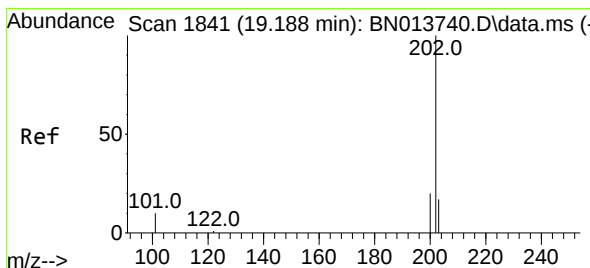
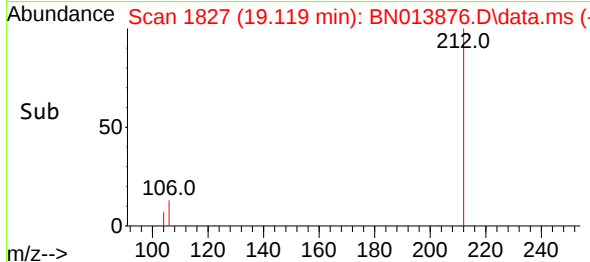
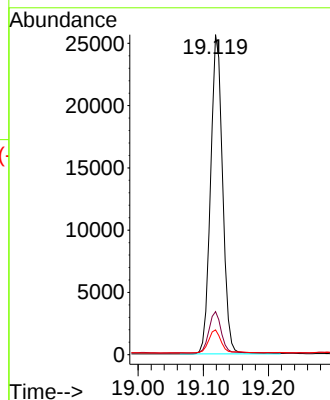
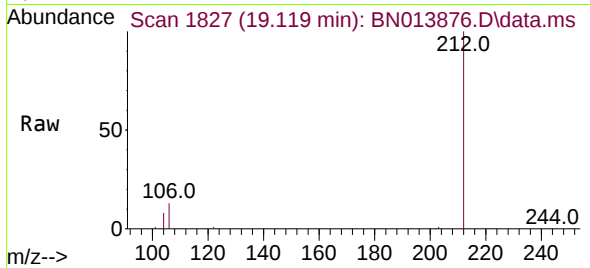




#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.119 min Scan# 1827
Delta R.T. -0.002 min
Lab File: BN013876.D
Acq: 08 Mar 2021 19:00

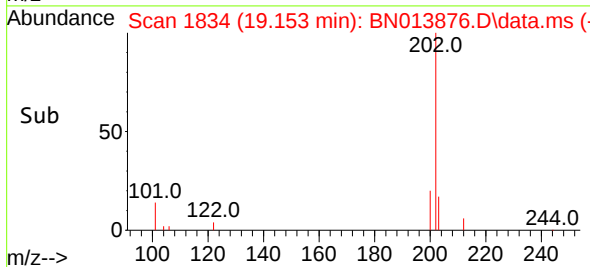
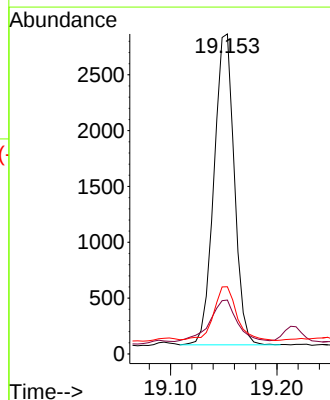
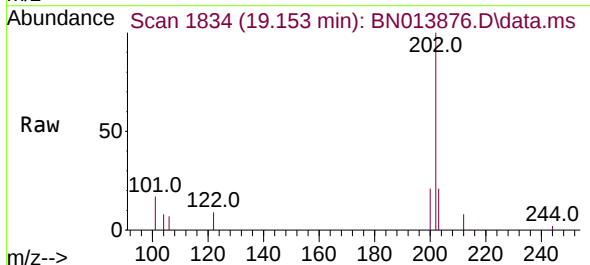
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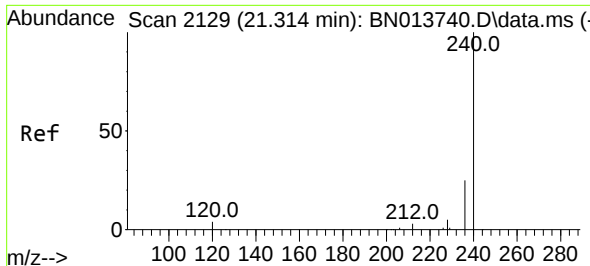
Tgt Ion:212 Resp: 32863
Ion Ratio Lower Upper
212 100
106 13.1 9.7 14.5
104 7.6 5.5 8.3



#28
Fluoranthene
Concen: 0.04 ng
RT: 19.153 min Scan# 1834
Delta R.T. 0.003 min
Lab File: BN013876.D
Acq: 08 Mar 2021 19:00

Tgt Ion:202 Resp: 3695
Ion Ratio Lower Upper
202 100
101 17.8 8.1 12.1#
203 19.8 13.9 20.9

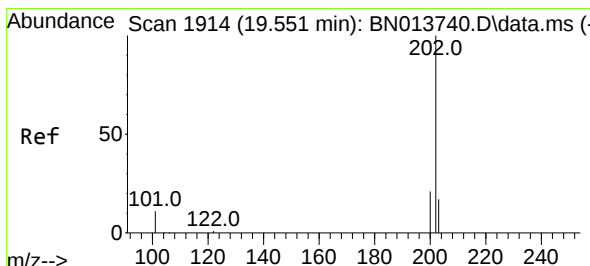
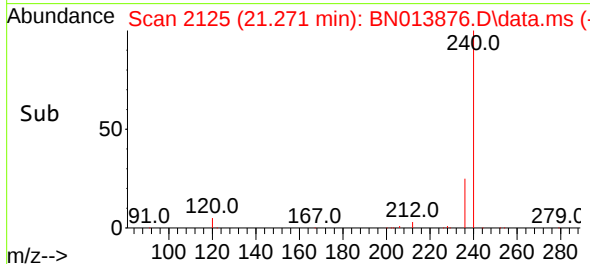
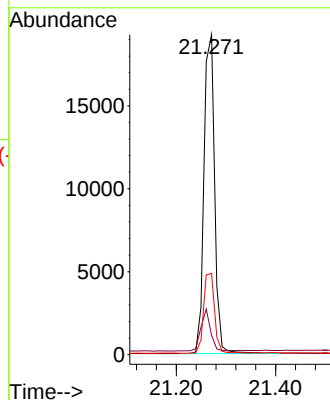
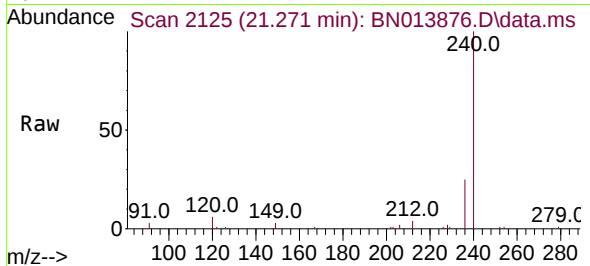




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.271 min Scan# 2125
Delta R.T. 0.003 min
Lab File: BN013876.D
Acq: 08 Mar 2021 19:00

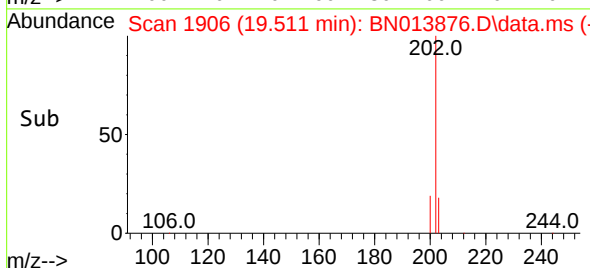
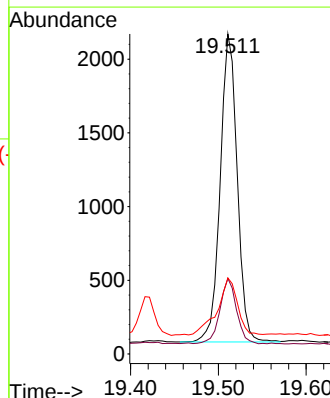
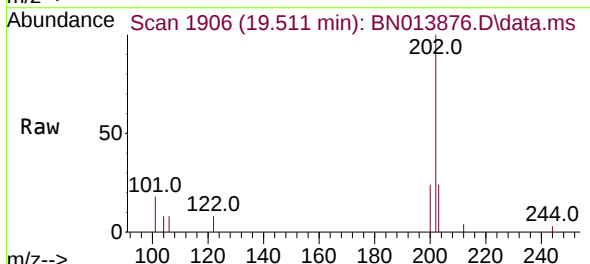
Instrument :
BNA_N
ClientSampleId :
GWBR3-187-200-030521-FD

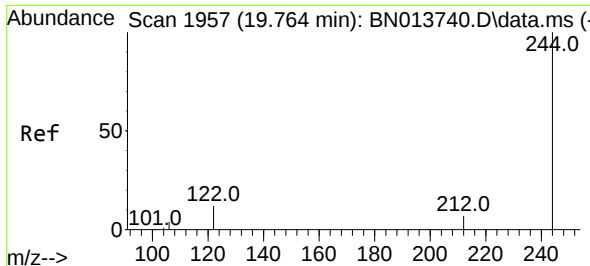
Tgt Ion:240 Resp: 28694
Ion Ratio Lower Upper
240 100
120 6.0 10.2 15.4#
236 25.4 21.3 31.9



#30
Pyrene
Concen: 0.03 ng
RT: 19.511 min Scan# 1906
Delta R.T. -0.002 min
Lab File: BN013876.D
Acq: 08 Mar 2021 19:00

Tgt Ion:202 Resp: 2802
Ion Ratio Lower Upper
202 100
200 20.7 16.3 24.5
203 21.8 14.0 21.0#

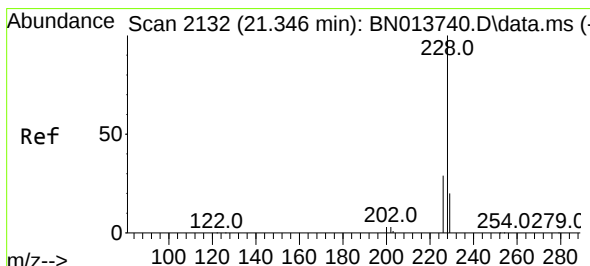
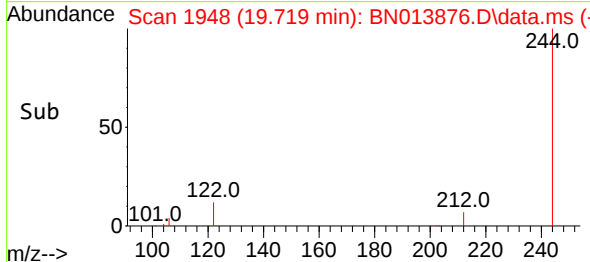
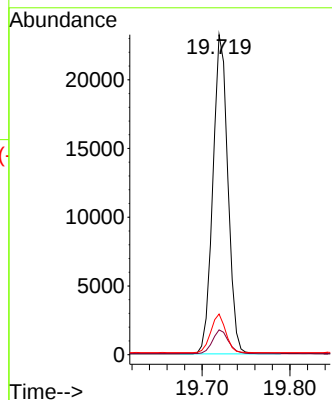
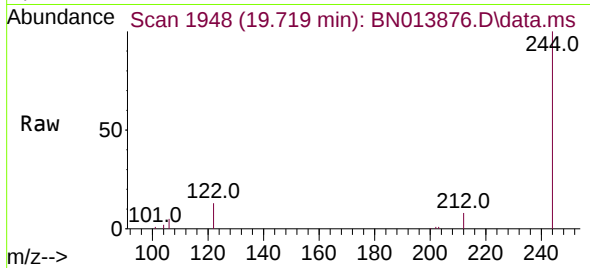




#31
 Terphenyl-d14
 Concen: 0.43 ng
 RT: 19.719 min Scan# 1948
 Delta R.T. -0.002 min
 Lab File: BN013876.D
 Acq: 08 Mar 2021 19:00

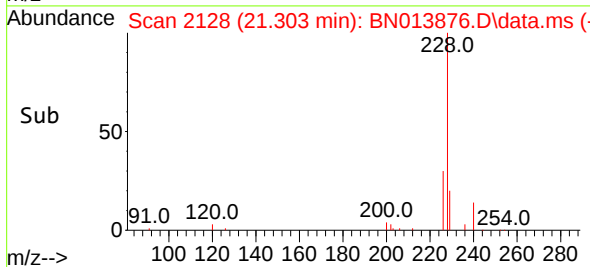
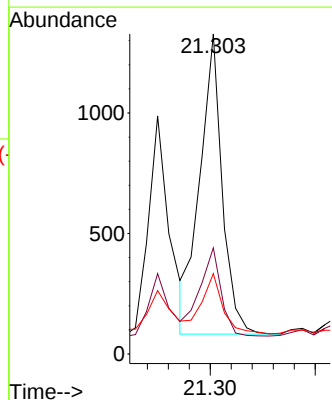
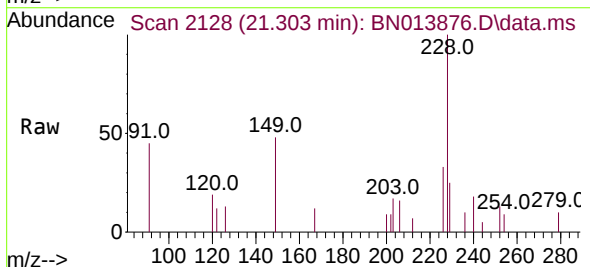
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-187-200-030521-FD

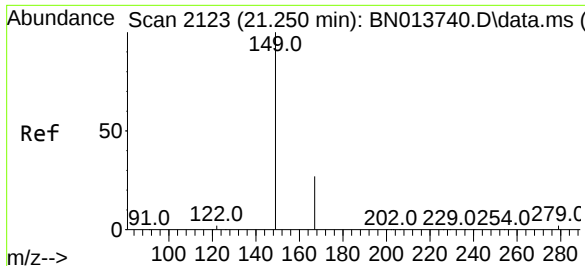
Tgt Ion:244	Resp:	27555
Ion Ratio	Lower	Upper
244	100	
212	7.8	6.1 9.1
122	12.7	9.8 14.8



#33
 Chrysene
 Concen: 0.02 ng
 RT: 21.303 min Scan# 2128
 Delta R.T. 0.003 min
 Lab File: BN013876.D
 Acq: 08 Mar 2021 19:00

Tgt Ion:228	Resp:	1837
Ion Ratio	Lower	Upper
228	100	
226	33.1	24.3 36.5
229	25.1	15.1 22.7#

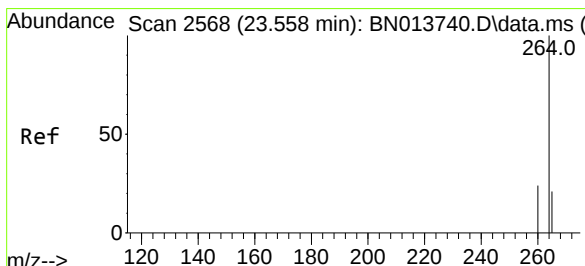
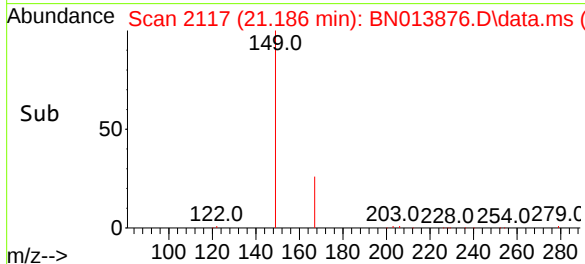
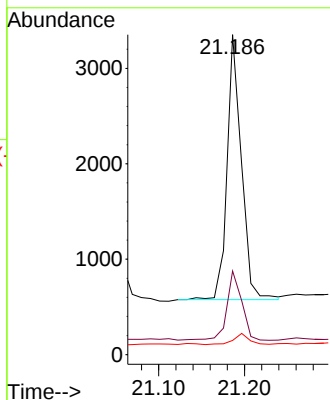
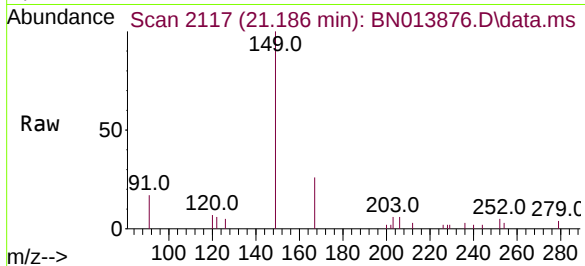




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.08 ng
 RT: 21.186 min Scan# 2117
 Delta R.T. -0.008 min
 Lab File: BN013876.D
 Acq: 08 Mar 2021 19:00

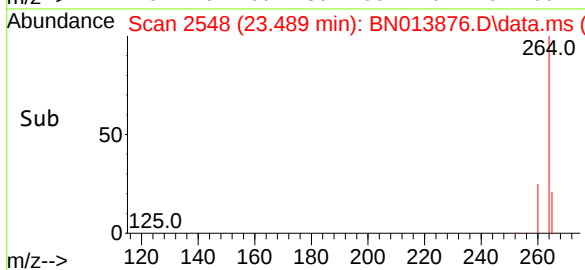
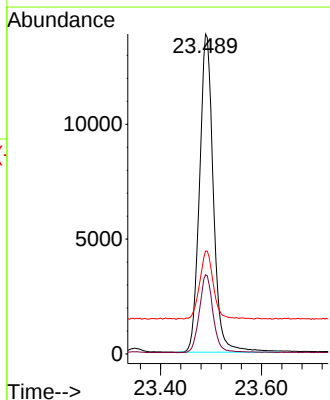
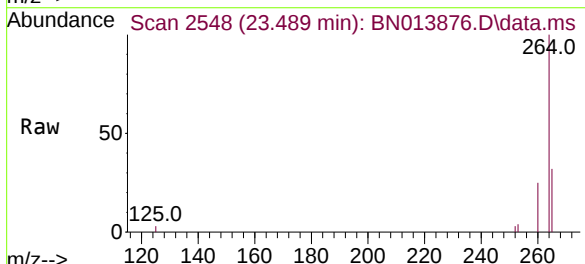
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-187-200-030521-FD

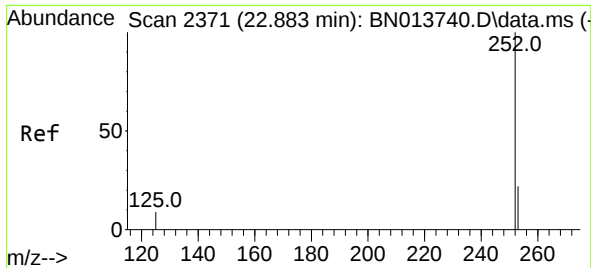
Tgt Ion:	149	Resp:	3211
Ion Ratio	Lower	Upper	
149	100		
167	27.0	22.1	33.1
279	4.5	3.5	5.3



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.489 min Scan# 2548
 Delta R.T. -0.004 min
 Lab File: BN013876.D
 Acq: 08 Mar 2021 19:00

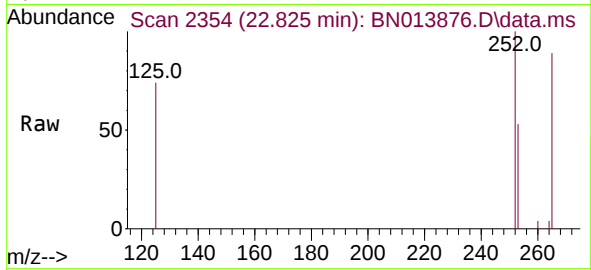
Tgt Ion:	264	Resp:	26334
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.3	28.9
265	32.2	66.2	99.4#





#37
 Benzo(b)fluoranthene
 Concen: 0.03 ng
 RT: 22.825 min Scan# 2354
 Delta R.T. -0.001 min
 Lab File: BN013876.D
 Acq: 08 Mar 2021 19:00

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-187-200-030521-FD



Tgt Ion:252 Resp: 2683
 Ion Ratio Lower Upper
 252 100
 253 53.2 20.4 30.6#
 125 73.9 11.6 17.4#

