

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030821\
 Data File : BN013874.D
 Acq On : 08 Mar 2021 17:48
 Operator : CG/JU
 Sample : M1594-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-175-185-030421

Quant Time: Mar 08 23:12:15 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)

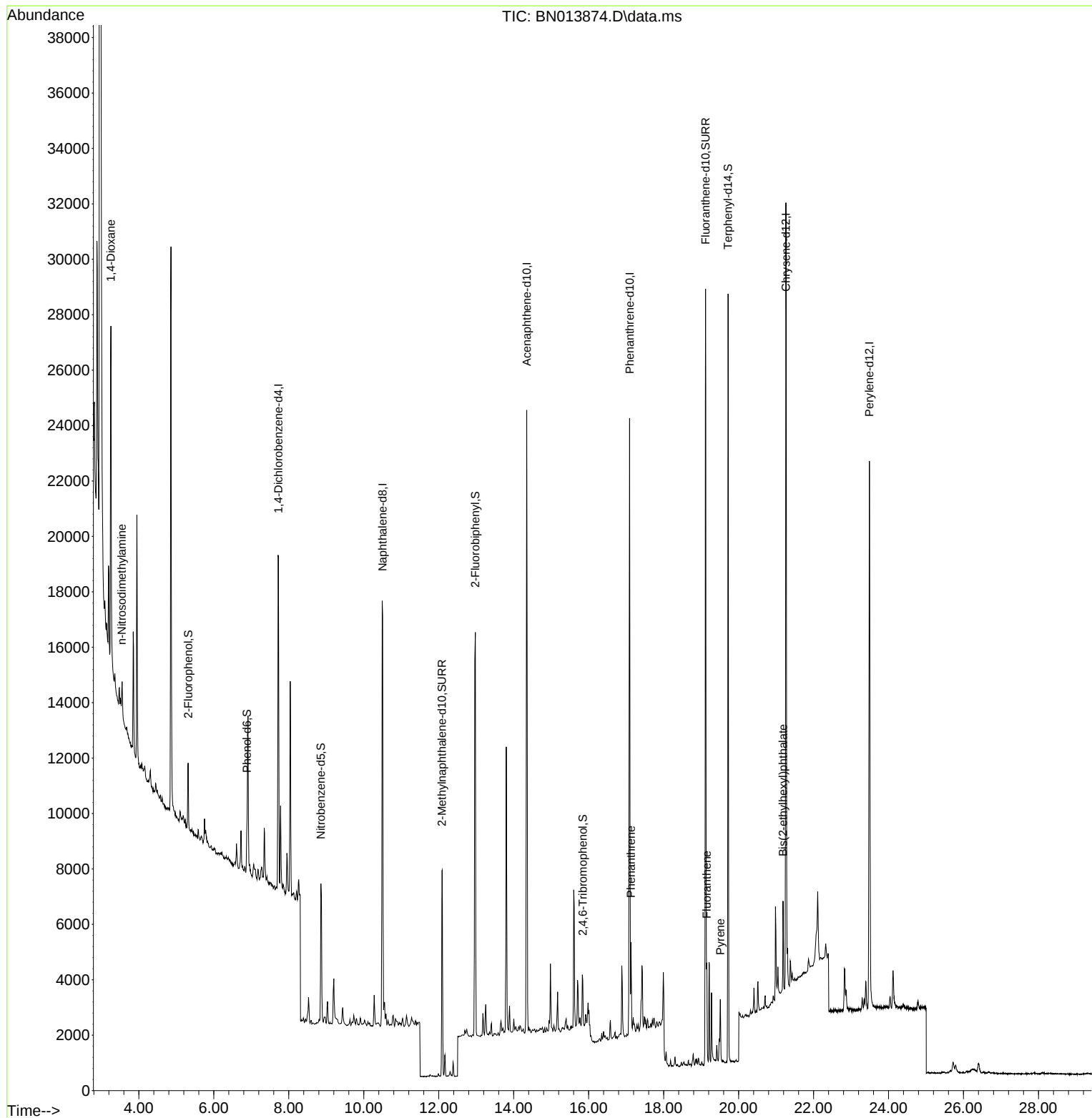
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	5819	0.40	ng	0.00
7) Naphthalene-d8	10.505	136	22498	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	12678	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	28568	0.40	ng	# 0.00
29) Chrysene-d12	21.261	240	28136	0.40	ng	0.00
36) Perylene-d12	23.489	264	26257	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.317	112	1835	0.12	ng	0.00
5) Phenol-d6	6.887	99	1345	0.06	ng	0.00
8) Nitrobenzene-d5	8.857	82	4350	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	10075	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	1510	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	14028	0.31	ng	0.00
27) Fluoranthene-d10	19.119	212	30345	0.36	ng	0.00
31) Terphenyl-d14	19.720	244	25789	0.41	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.255	88	7279	1.03	ng	# 89
3) n-Nitrosodimethylamine	3.545	42	316	0.06	ng	# 1
25) Phenanthrene	17.129	178	3252	0.04	ng	# 95
28) Fluoranthene	19.149	202	2806	0.03	ng	# 92
30) Pyrene	19.511	202	1983	0.02	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.186	149	2957	0.07	ng	98

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

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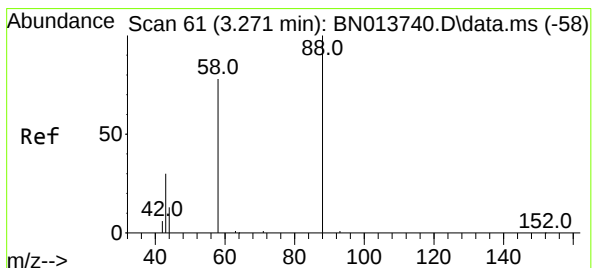
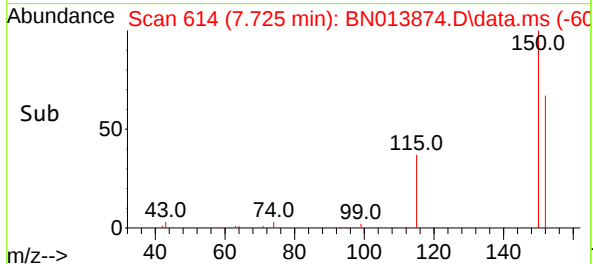
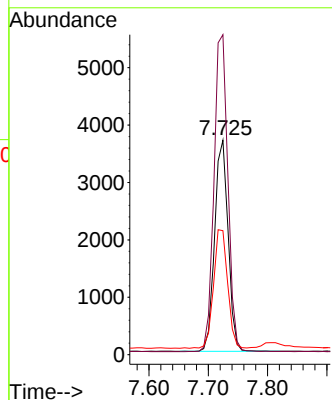
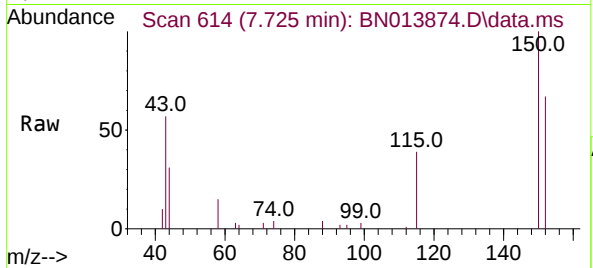




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.725 min Scan# 614
Delta R.T. 0.001 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

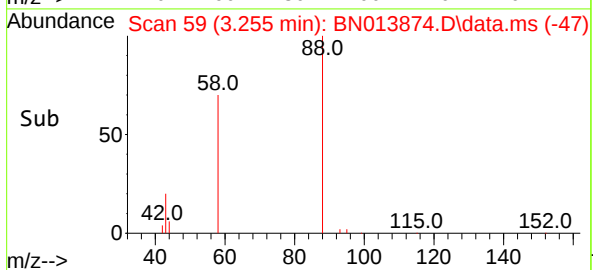
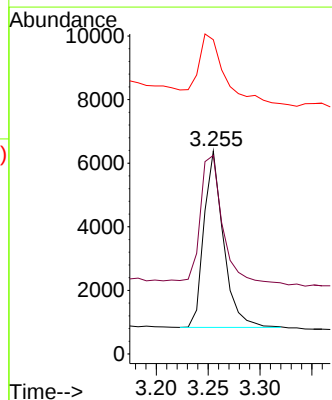
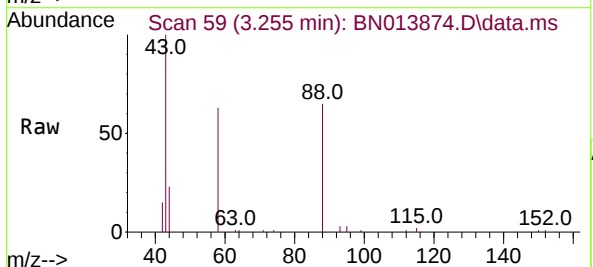
Instrument :
BNA_N
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GWBR3-175-185-030421

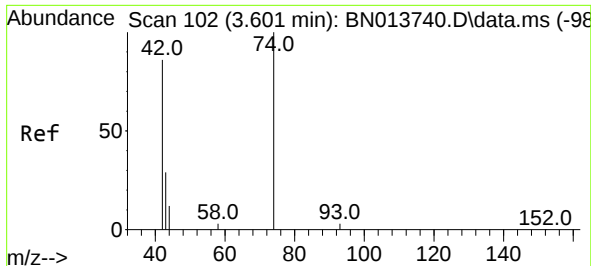
Tgt Ion:152 Resp: 5819
Ion Ratio Lower Upper
152 100
150 149.2 121.8 182.8
115 57.8 46.6 69.8



#2
1,4-Dioxane
Concen: 1.03 ng
RT: 3.255 min Scan# 59
Delta R.T. 0.000 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion: 88 Resp: 7279
Ion Ratio Lower Upper
88 100
58 80.4 64.6 96.8
43 53.4 26.6 40.0#





#3

n-Nitrosodimethylamine

Concen: 0.06 ng

RT: 3.545 min Scan# 95

Delta R.T. -0.032 min

Lab File: BN013874.D

Acq: 08 Mar 2021 17:48

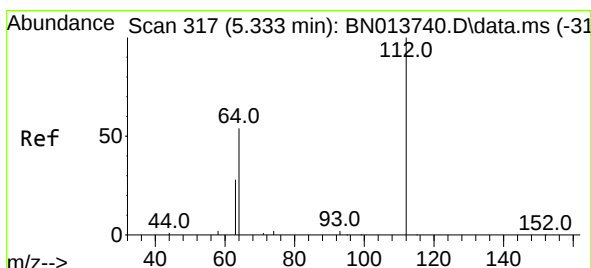
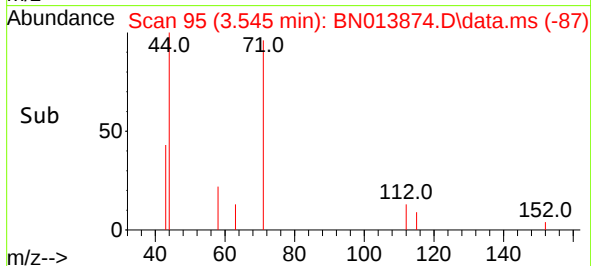
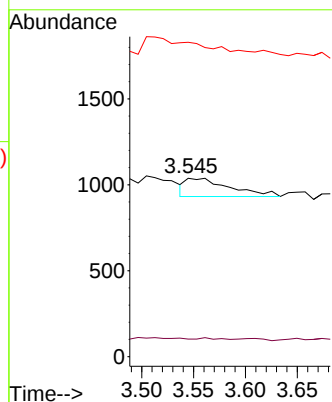
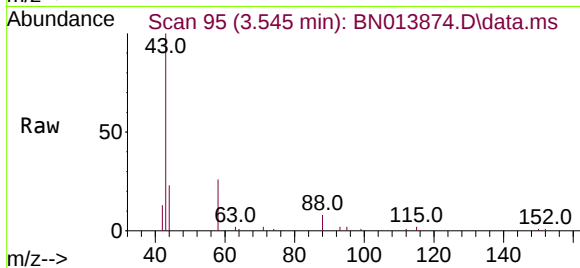
Tgt Ion:	42	Resp:	316
Ion Ratio	Lower	Upper	
42	100		
74	2.5	95.0	142.6#
44	0.0	5.8	8.8#

Instrument :

BNA_N

ClientSampleId :

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#4

2-Fluorophenol

Concen: 0.12 ng

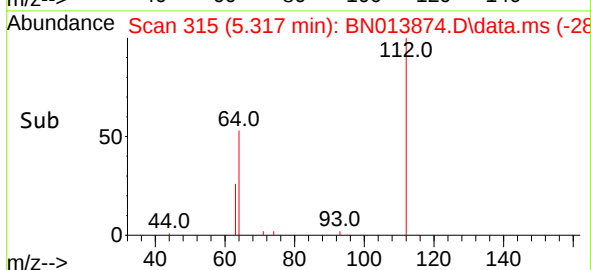
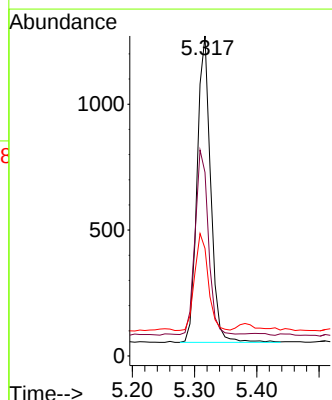
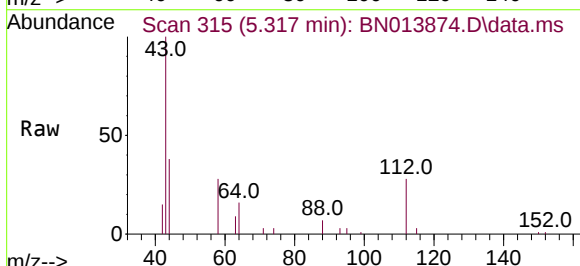
RT: 5.317 min Scan# 315

Delta R.T. 0.008 min

Lab File: BN013874.D

Acq: 08 Mar 2021 17:48

Tgt Ion:	112	Resp:	1835
Ion Ratio	Lower	Upper	
112	100		
64	59.0	44.3	66.5
63	31.7	23.0	34.6

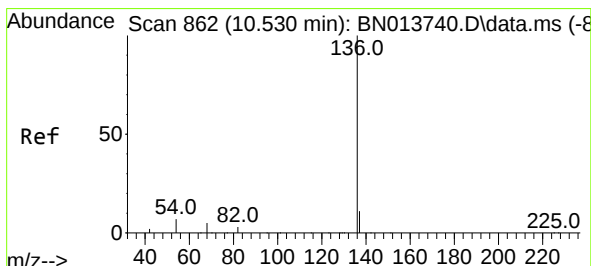
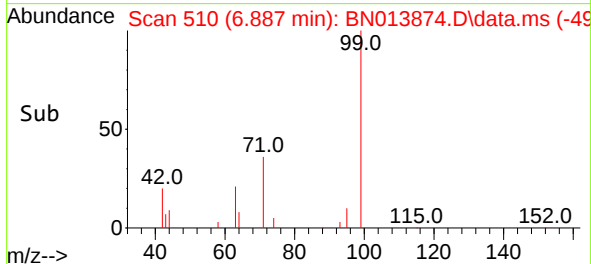
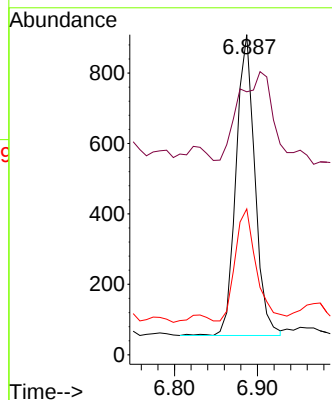
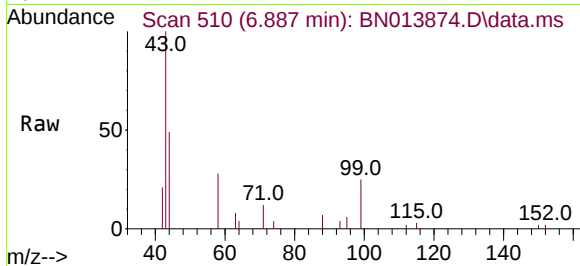




#5
Phenol-d6
Concen: 0.06 ng
RT: 6.887 min Scan# 510
Delta R.T. 0.008 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

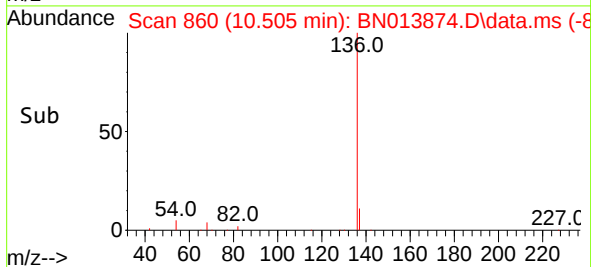
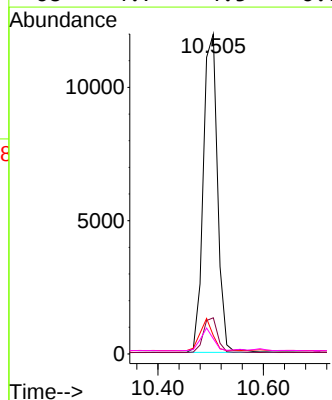
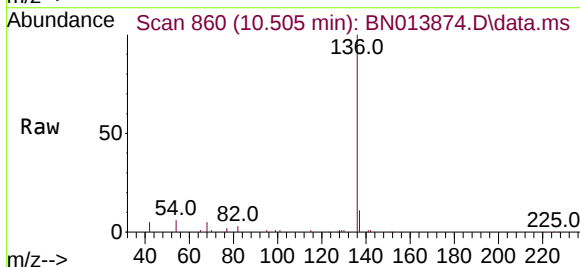
Instrument :
BNA_N
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GWBR3-175-185-030421

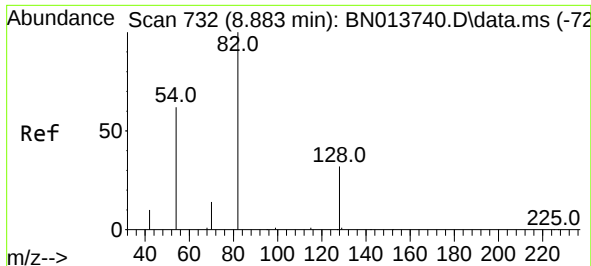
Tgt Ion: 99 Resp: 1345
Ion Ratio Lower Upper
99 100
42 60.4 15.2 22.8#
71 44.0 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.505 min Scan# 860
Delta R.T. 0.000 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion: 136 Resp: 22498
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 5.7 6.4 9.6#
68 4.7 4.5 6.7

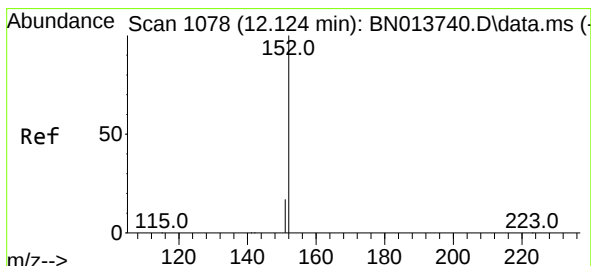
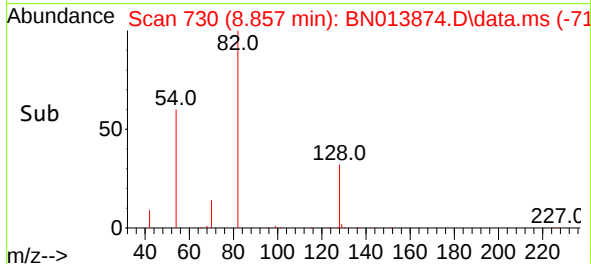
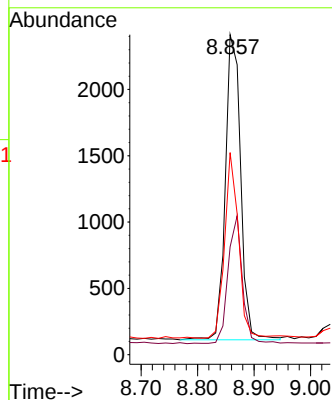
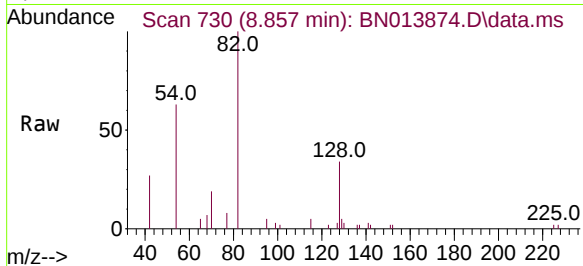




#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.857 min Scan# 730
Delta R.T. 0.000 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

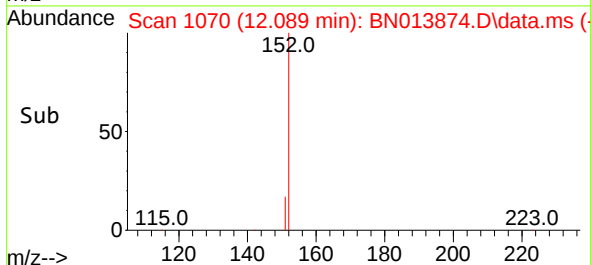
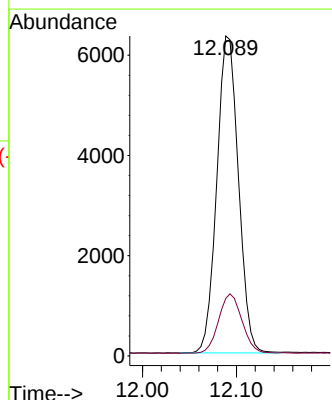
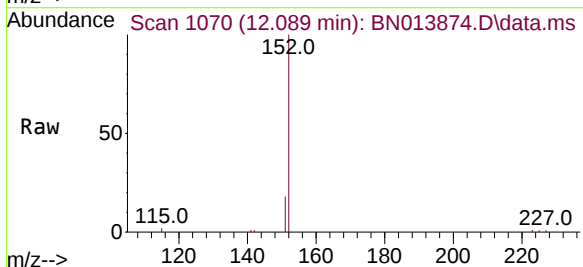
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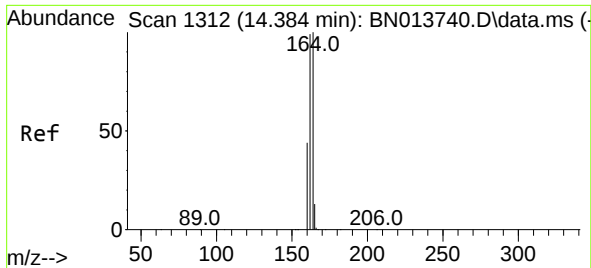
Tgt Ion: 82 Resp: 4350
Ion Ratio Lower Upper
82 100
128 33.7 39.2 58.8#
54 63.2 40.1 60.1#



#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.089 min Scan# 1070
Delta R.T. -0.004 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion: 152 Resp: 10075
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2

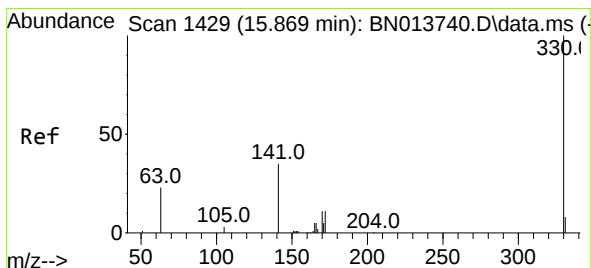
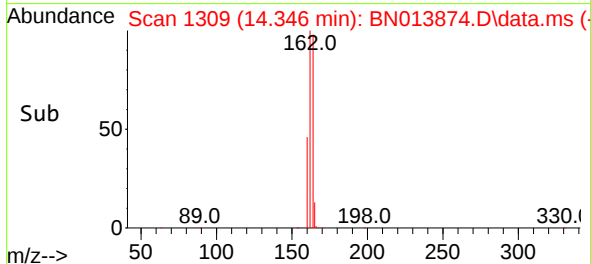
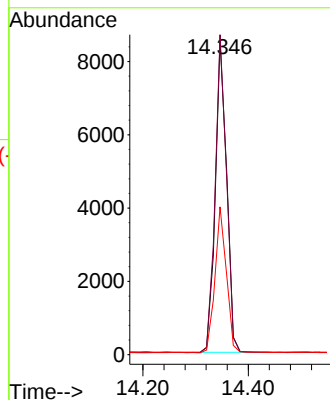
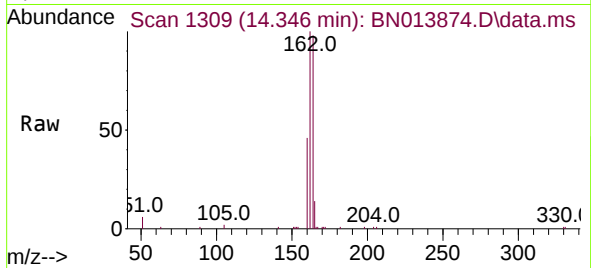




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

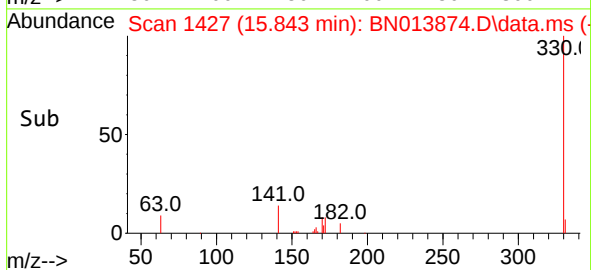
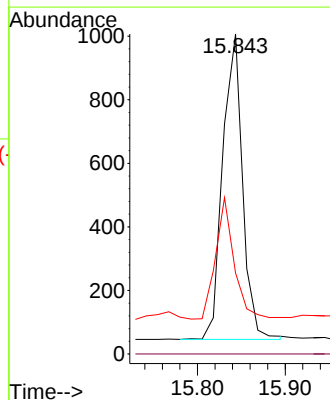
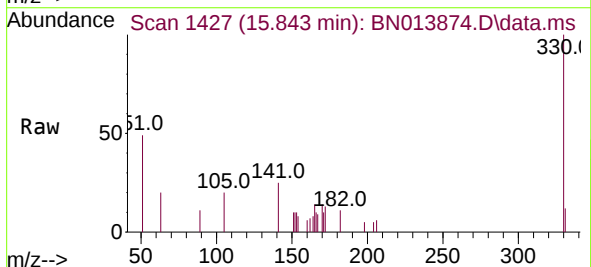
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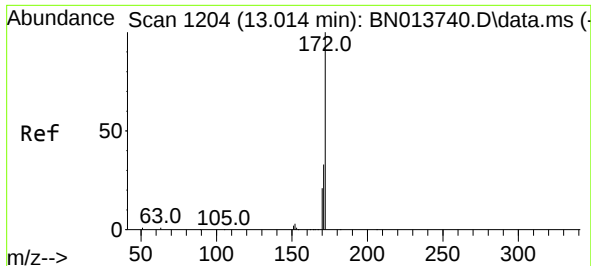
Tgt Ion:164 Resp: 12678
Ion Ratio Lower Upper
164 100
162 101.7 79.6 119.4
160 47.0 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.843 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:330 Resp: 1510
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.8 26.8 40.2

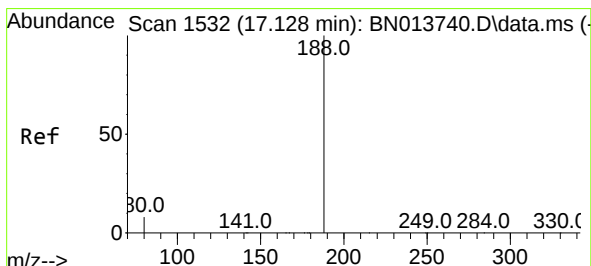
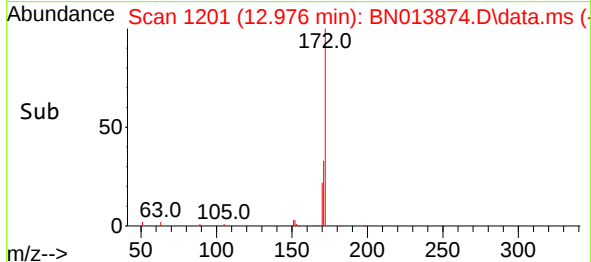
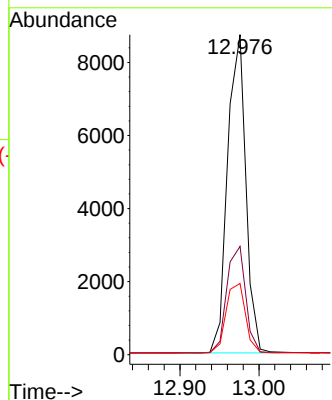
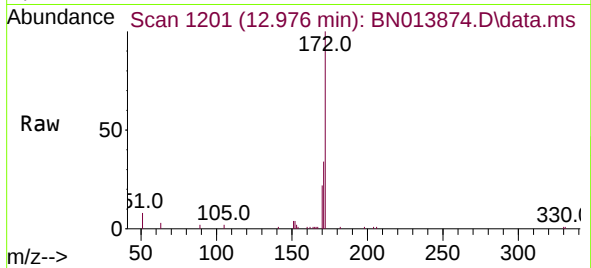




#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.976 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

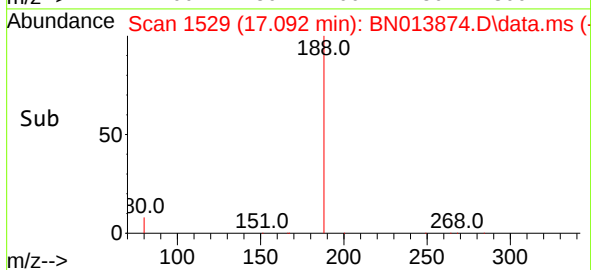
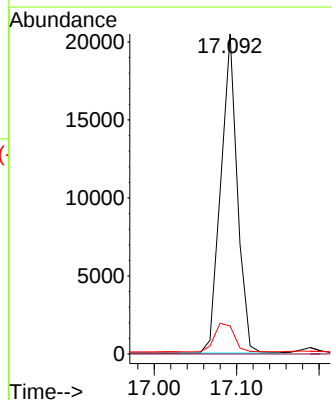
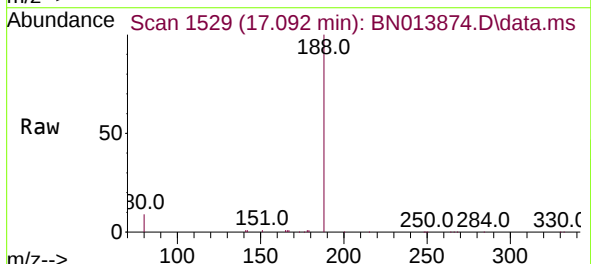
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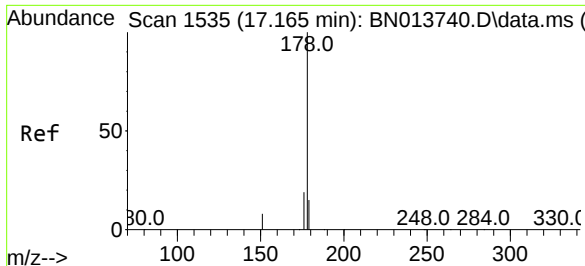
Tgt Ion:172	Resp:	14028
Ion Ratio	Lower	Upper
172	100	
171	33.8	28.6 42.8
170	22.2	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. 0.001 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:188	Resp:	28568
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	8.7	9.0 13.6#

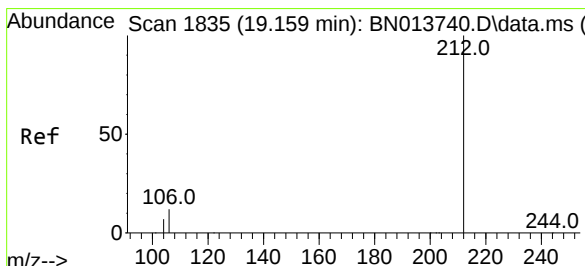
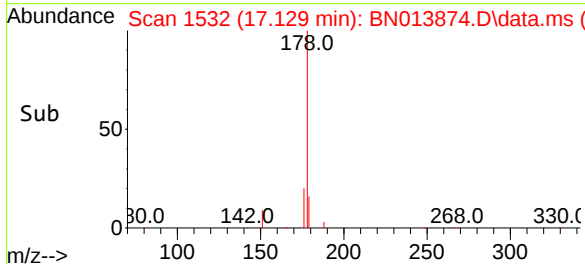
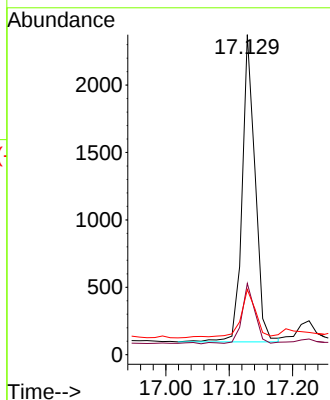
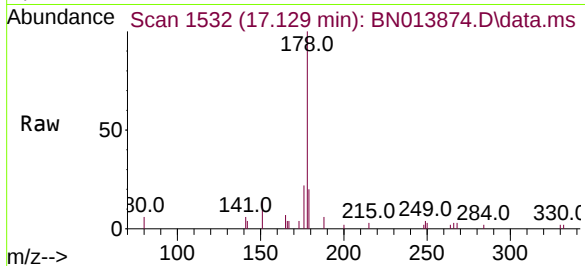




#25
Phenanthrene
Concen: 0.04 ng
RT: 17.129 min Scan# 1532
Delta R.T. 0.001 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

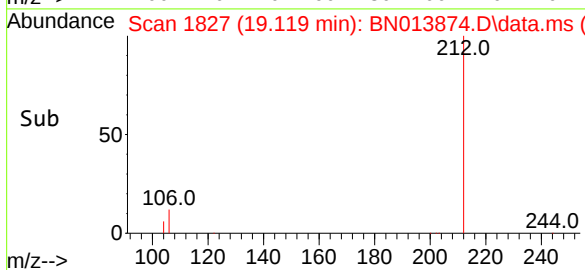
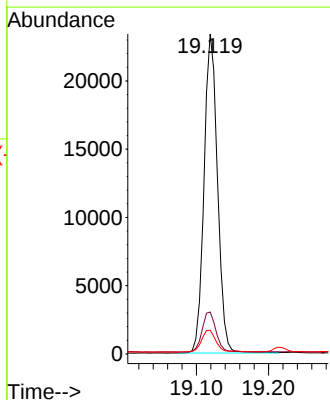
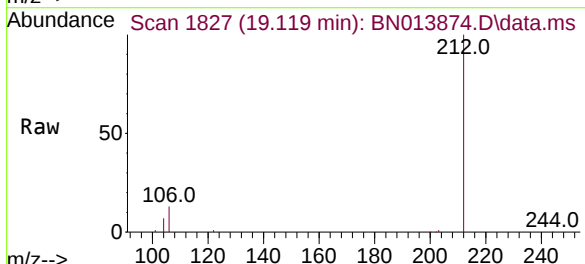
Instrument :
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GWBR3-175-185-030421

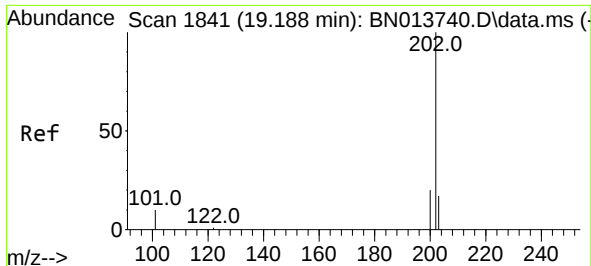
Tgt Ion:178	Resp:	3252
Ion Ratio	Lower	Upper
178	100	
176	20.0	15.0 22.4
179	18.7	12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.119 min Scan# 1827
Delta R.T. -0.002 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:212	Resp:	30345
Ion Ratio	Lower	Upper
212	100	
106	12.9	9.7 14.5
104	7.6	5.5 8.3

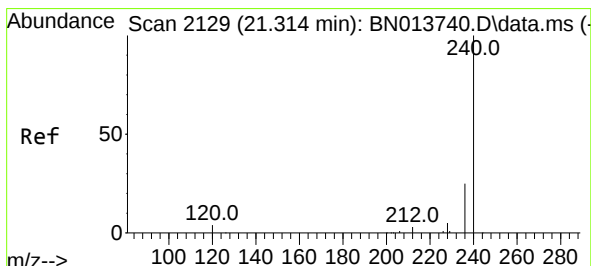
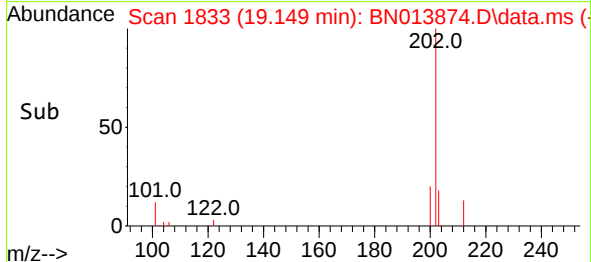
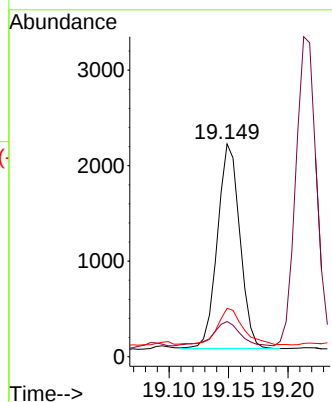
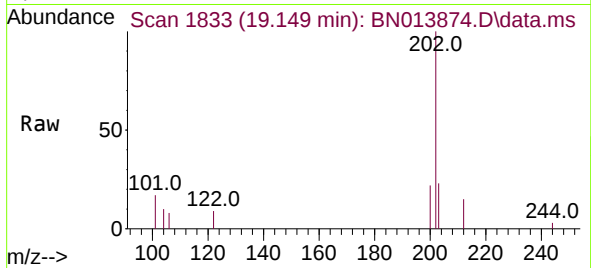




#28
Fluoranthene
Concen: 0.03 ng
RT: 19.149 min Scan# 1833
Delta R.T. -0.002 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

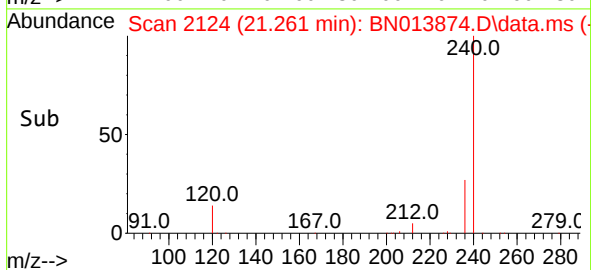
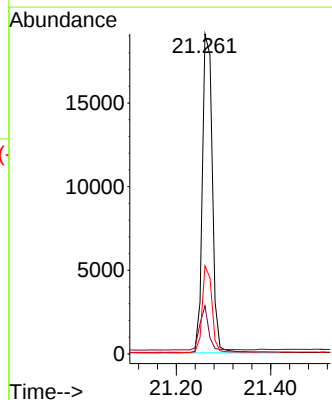
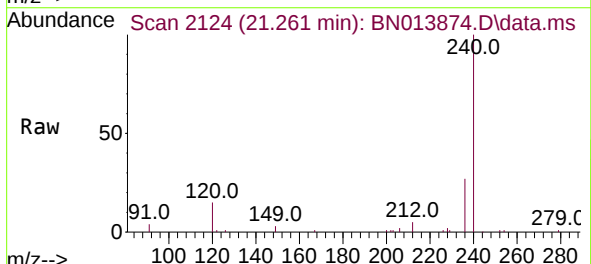
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-030421

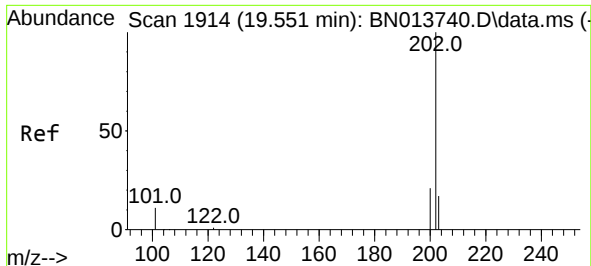
Tgt Ion:202 Resp: 2806
Ion Ratio Lower Upper
202 100
101 14.1 8.1 12.1#
203 20.4 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.261 min Scan# 2124
Delta R.T. -0.008 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:240 Resp: 28136
Ion Ratio Lower Upper
240 100
120 15.0 10.2 15.4
236 27.5 21.3 31.9

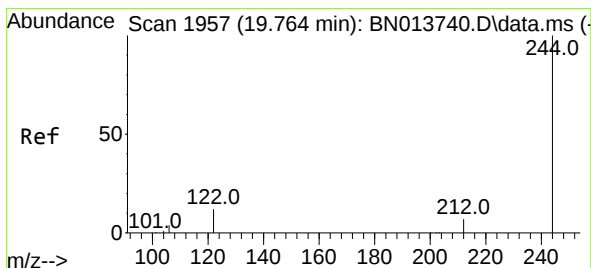
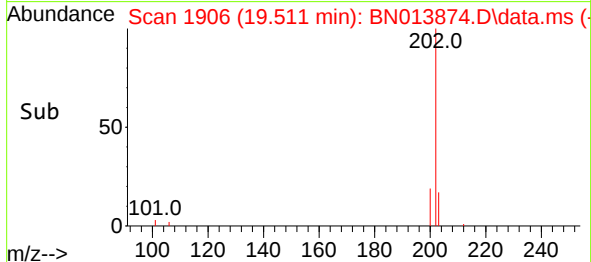
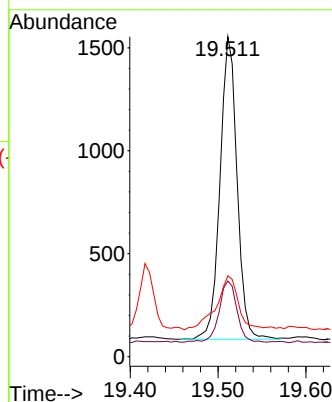
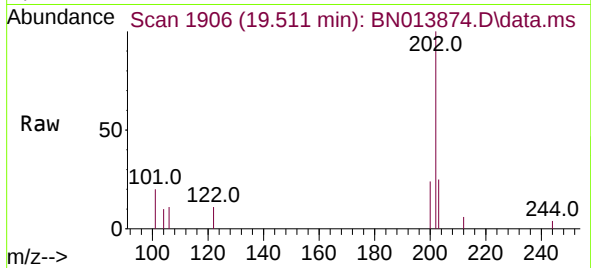




#30
Pyrene
Concen: 0.02 ng
RT: 19.511 min Scan# 1906
Delta R.T. -0.002 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

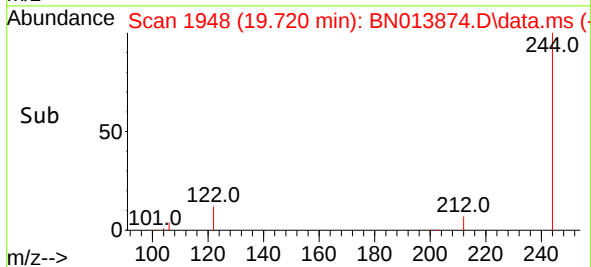
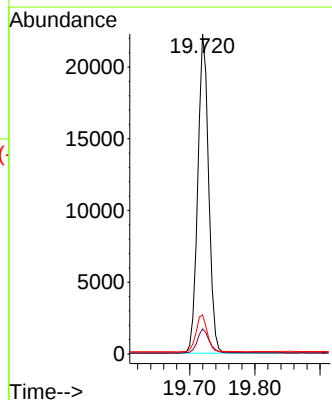
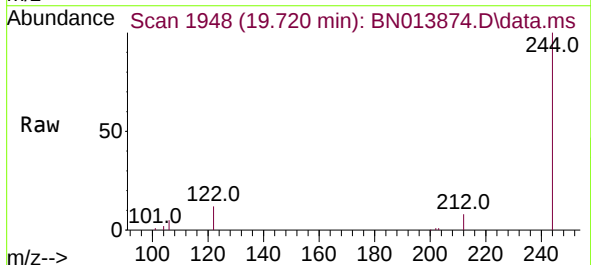
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-030421

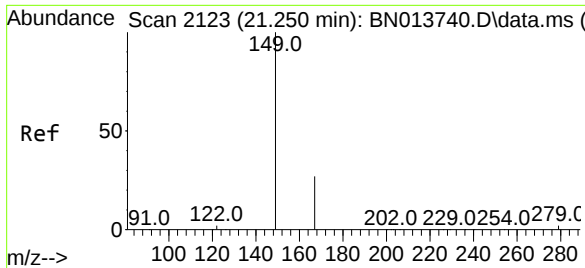
Tgt Ion:	202	Resp:	1983
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.3	24.5
203	24.0	14.0	21.0#



#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.720 min Scan# 1948
Delta R.T. -0.002 min
Lab File: BN013874.D
Acq: 08 Mar 2021 17:48

Tgt Ion:	244	Resp:	25789
Ion Ratio	Lower	Upper	
244	100		
212	7.8	6.1	9.1
122	12.2	9.8	14.8

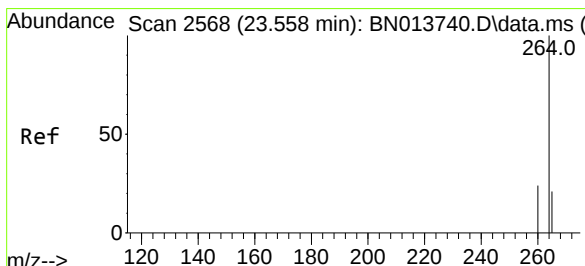
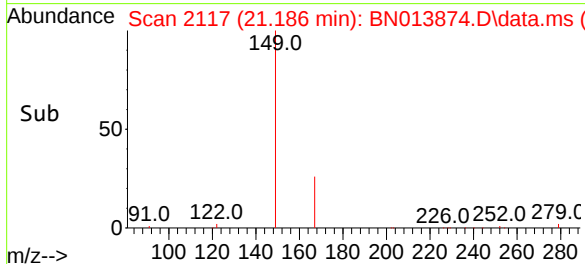
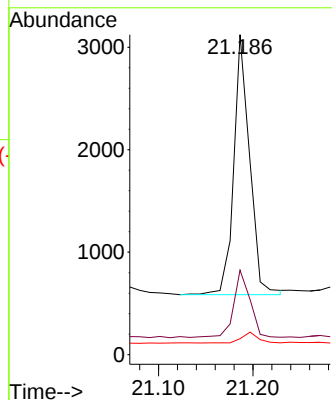
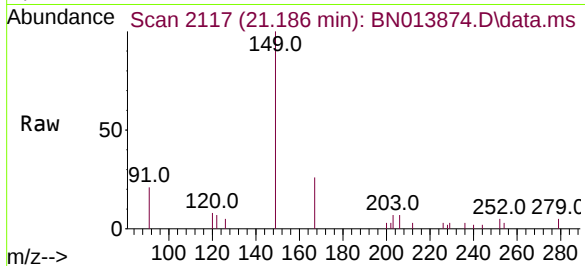




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.07 ng
 RT: 21.186 min Scan# 2117
 Delta R.T. -0.008 min
 Lab File: BN013874.D
 Acq: 08 Mar 2021 17:48

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-175-185-030421

Tgt Ion:	149	Resp:	2957
Ion Ratio	Lower	Upper	
149	100		
167	26.5	22.1	33.1
279	4.3	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: BN013874.D
 Acq: 08 Mar 2021 17:48

Tgt Ion:	264	Resp:	26257
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.3	28.9
265	32.0	66.2	99.4#

