

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031921\
 Data File : BN013984.D
 Acq On : 18 Mar 2021 16:19
 Operator : CG/JU
 Sample : M1714-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-224-234-031721

Manual Integrations
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Quant Time: Mar 18 16:49:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 15:58:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	5974	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	23359	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	13338	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	29404	0.40	ng	# 0.00
29) Chrysene-d12	21.271	240	31093	0.40	ng	# 0.00
36) Perylene-d12	23.499	264	29107	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	2112	0.13	ng	0.00
5) Phenol-d6	6.871	99	1663	0.08	ng	0.00
8) Nitrobenzene-d5	8.857	82	4433	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.080	152	10248	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.831	330	1782	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	14808	0.31	ng	0.00
27) Fluoranthene-d10	19.119	212	32219	0.37	ng	0.00
31) Terphenyl-d14	19.719	244	33297	0.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	76191	10.55	ng	97
9) Naphthalene	10.543	128	1938	0.03	ng	# 86
12) 2-Methylnaphthalene	12.155	142	3940	0.10	ng	98
25) Phenanthrene	17.128	178	7042	0.09	ng	98
28) Fluoranthene	19.149	202	21020	0.23	ng	# 94
30) Pyrene	19.511	202	17114	0.18	ng	# 95
32) Benzo(a)anthracene	21.250	228	7293	0.08	ng	94
33) Chrysene	21.303	228	13097	0.14	ng	97
34) Bis(2-ethylhexyl)phtha...	21.186	149	730650	16.08	ng	100
35) Indeno(1,2,3-cd)pyrene	25.728	276	9764	0.09	ng	94
37) Benzo(b)fluoranthene	22.832	252	21108	0.23	ng	# 89
38) Benzo(k)fluoranthene	22.870	252	7223m	0.08	ng	
39) Benzo(a)pyrene	23.400	252	9300	0.11	ng	# 80
40) Dibenzo(a,h)anthracene	25.738	278	2042	0.02	ng	# 54
41) Benzo(g,h,i)perylene	26.416	276	10993	0.12	ng	97

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

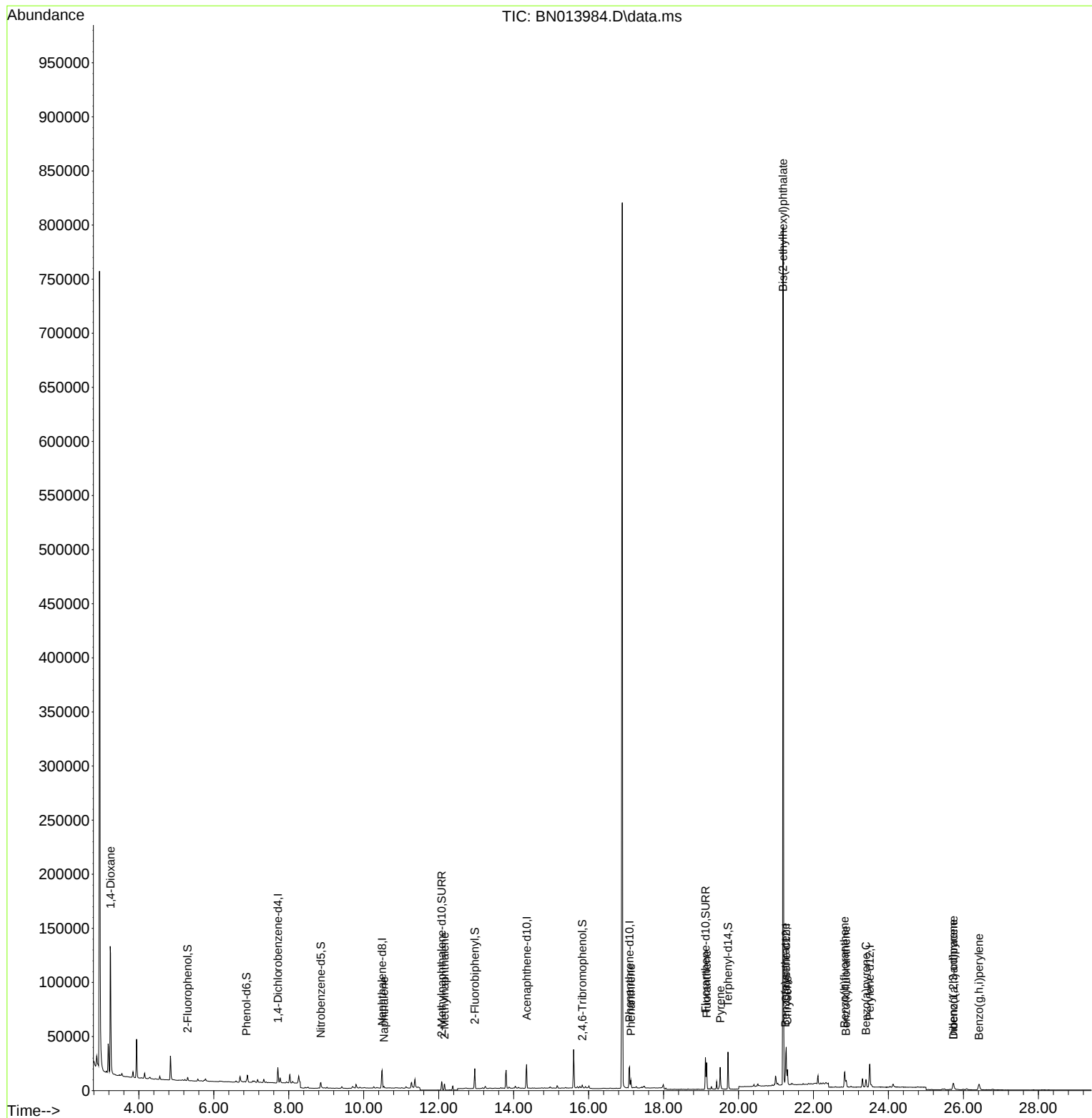
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031921\
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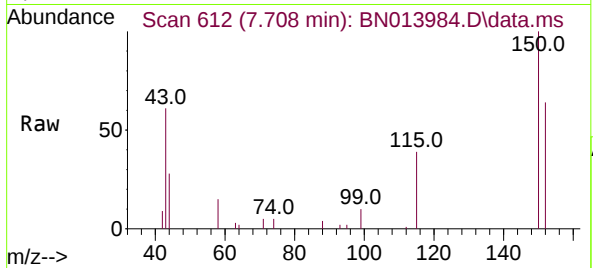
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Quant Time: Mar 18 16:49:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 18 15:58:40 2021
Response via : Initial Calibration

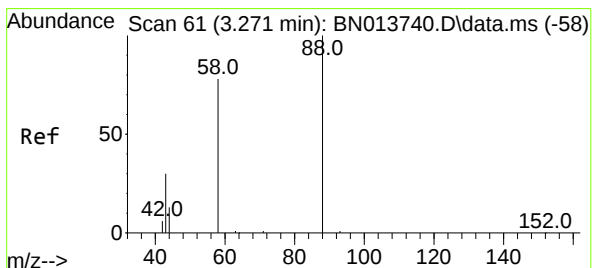
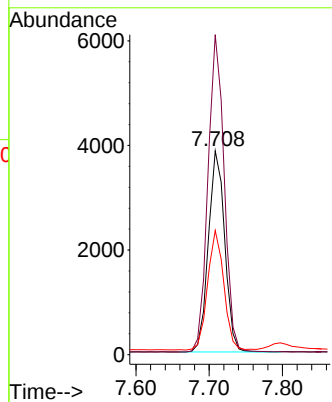
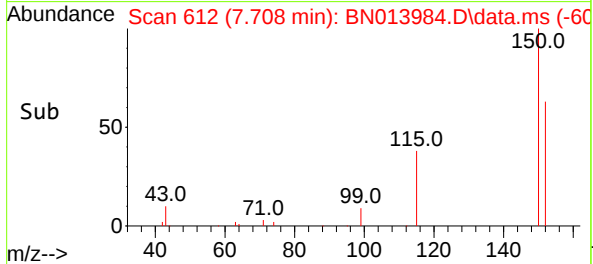




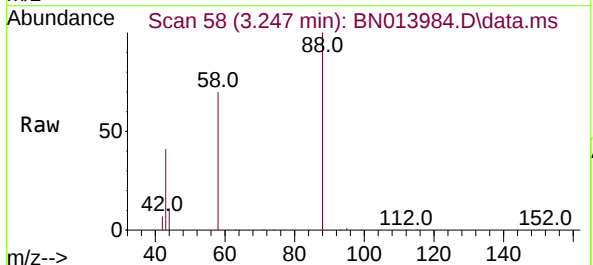
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.708 min Scan# 612
Delta R.T. 0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19



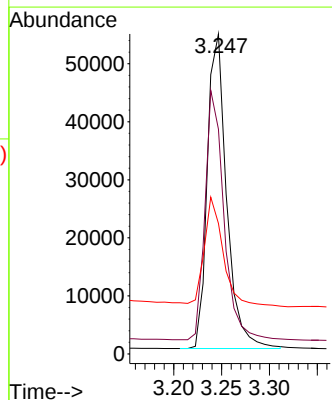
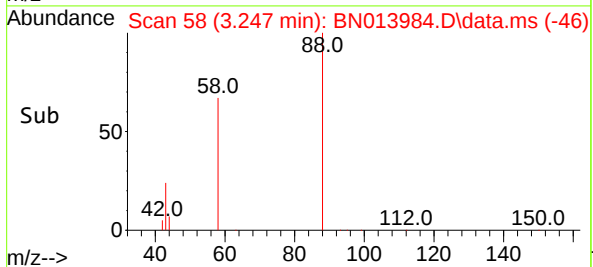
Tgt Ion: 152 Resp: 5974
Ion Ratio Lower Upper
152 100
150 157.0 121.8 182.8
115 60.9 46.6 69.8



#2
1,4-Dioxane
Concen: 10.55 ng
RT: 3.247 min Scan# 58
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19



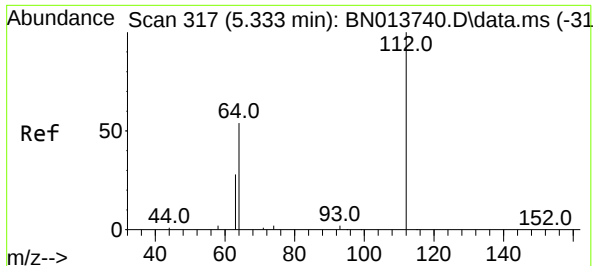
Tgt Ion: 88 Resp: 76191
Ion Ratio Lower Upper
88 100
58 77.5 64.6 96.8
43 33.6 26.6 40.0



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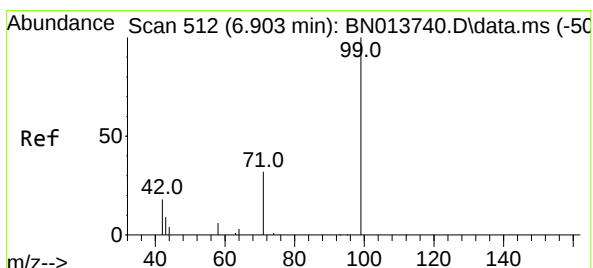
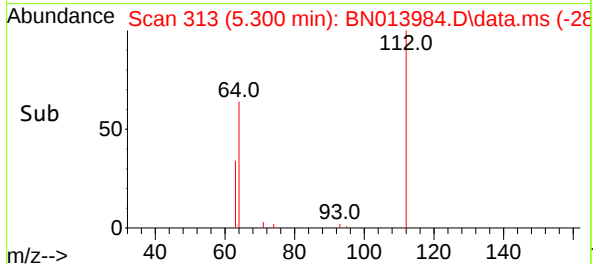
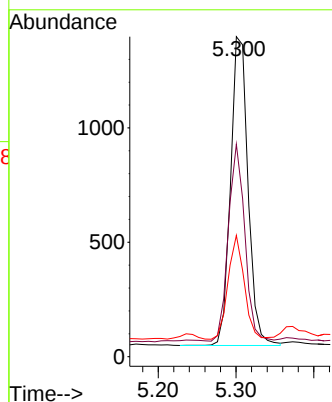
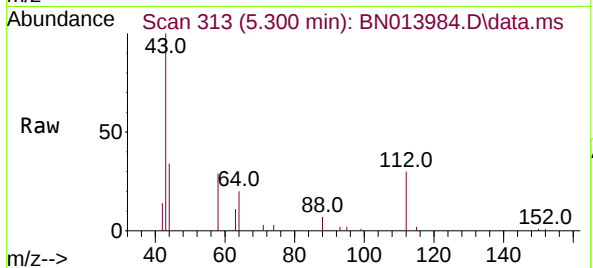
#4
2-Fluorophenol
Concen: 0.13 ng
RT: 5.300 min Scan# 313
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion: 112 Resp: 2112
Ion Ratio Lower Upper
112 100
64 59.6 44.3 66.5
63 31.1 23.0 34.6

Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721

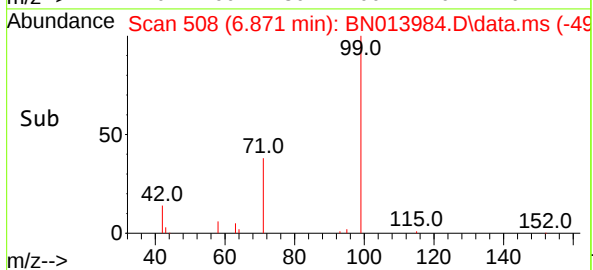
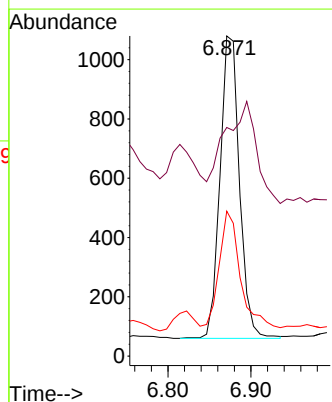
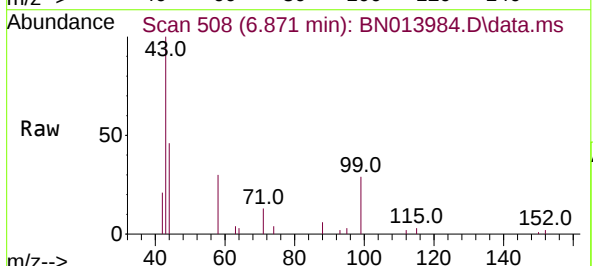
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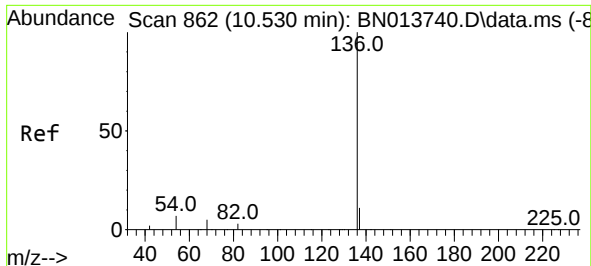
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#5
Phenol-d6
Concen: 0.08 ng
RT: 6.871 min Scan# 508
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

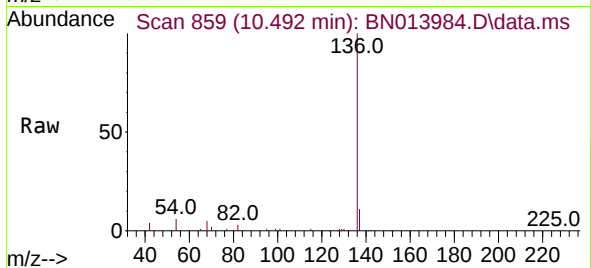
Tgt Ion: 99 Resp: 1663
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 44.1 26.1 39.1#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

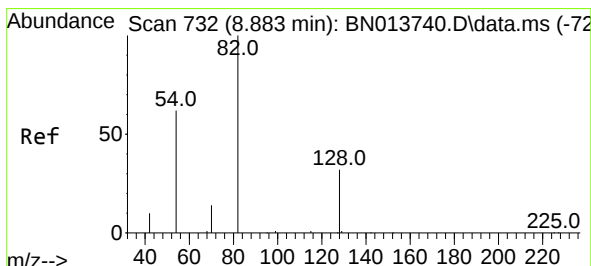
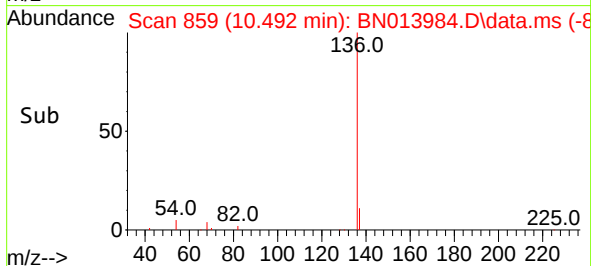
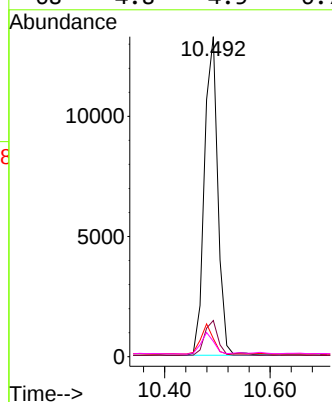
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ClientSampleId :
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Tgt Ion:	136	Resp:	23359
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	5.7	6.4	9.6#
68	4.8	4.5	6.7

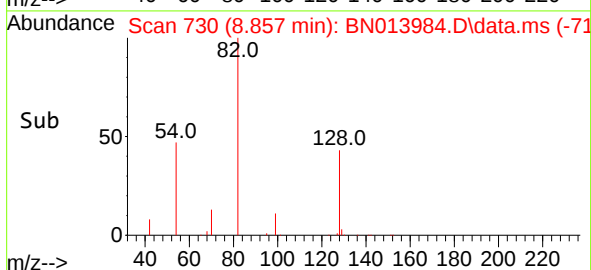
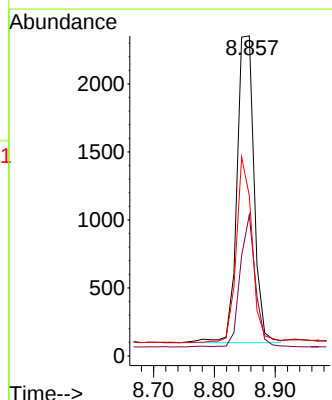
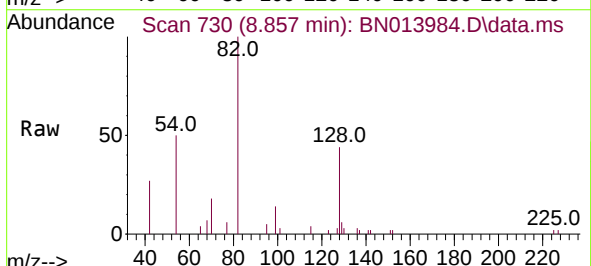
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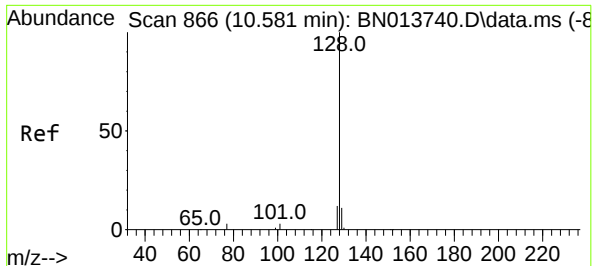
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#8
Nitrobenzene-d5
Concen: 0.30 ng
RT: 8.857 min Scan# 730
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion:	82	Resp:	4433
Ion Ratio	Lower	Upper	
82	100		
128	44.1	39.2	58.8
54	50.0	40.1	60.1





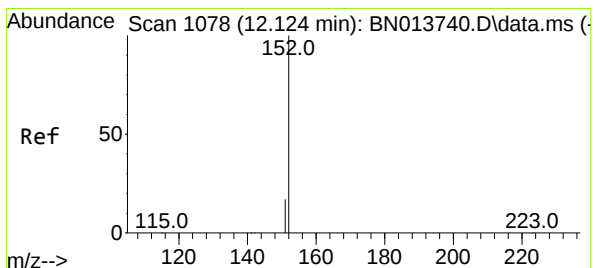
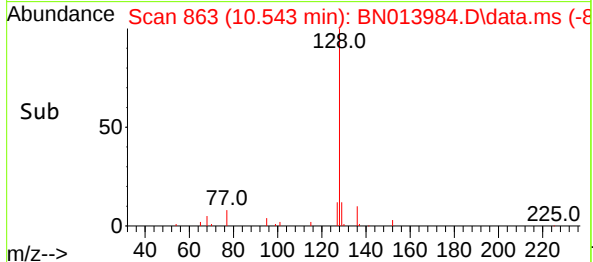
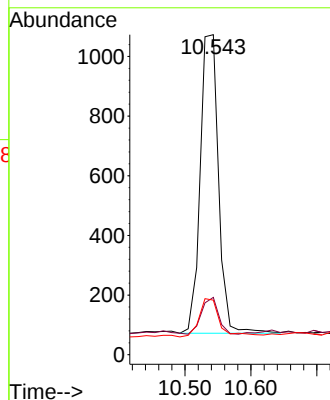
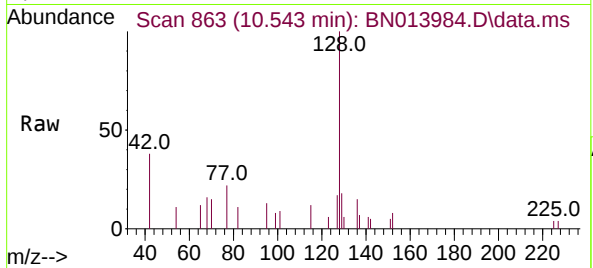
#9
Naphthalene
Concen: 0.03 ng
RT: 10.543 min Scan# 863
Delta R.T. 0.013 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion	Ratio	Lower	Upper
128	100		
129	17.9	9.0	13.4#
127	17.1	10.4	15.6#

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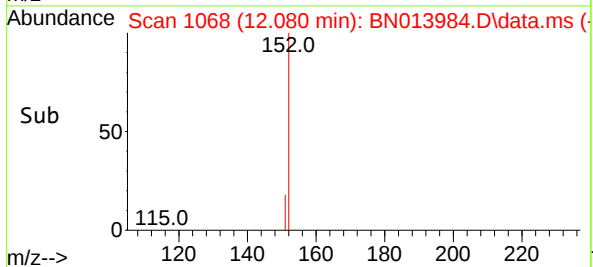
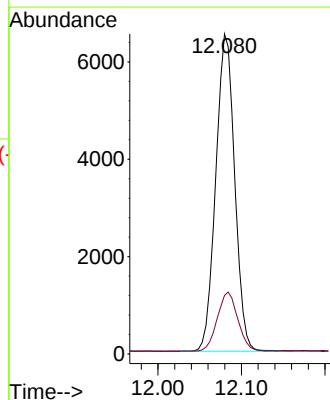
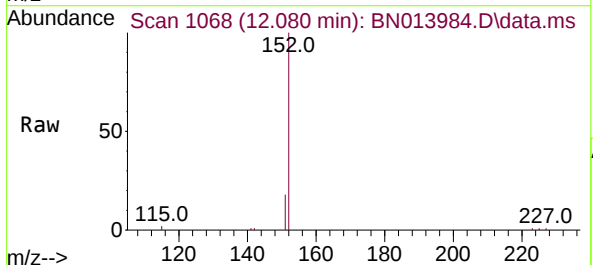
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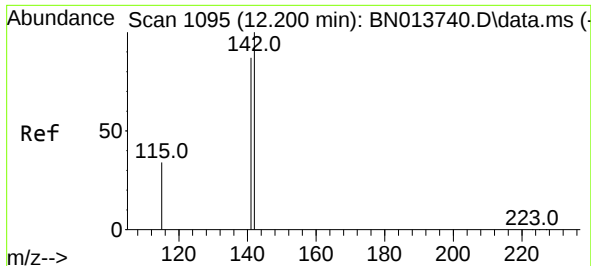
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#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 12.080 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

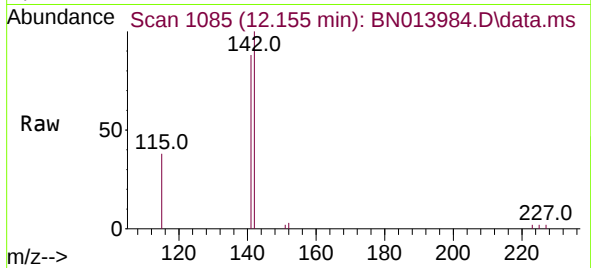
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2





#12
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.155 min Scan# 1085
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

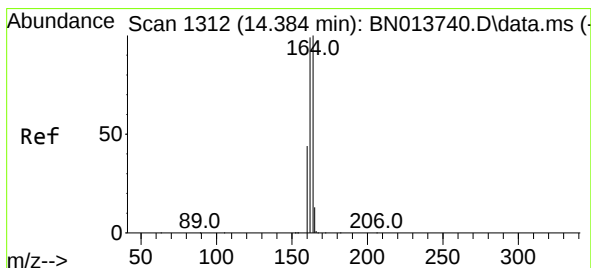
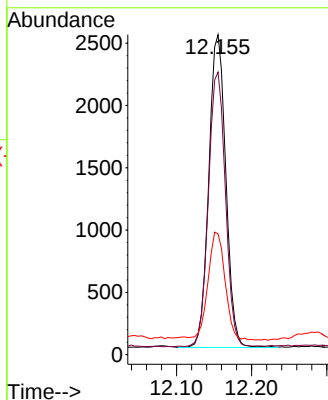
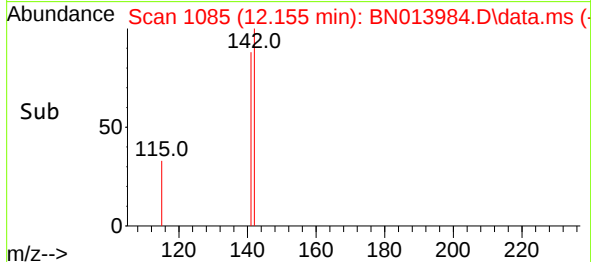
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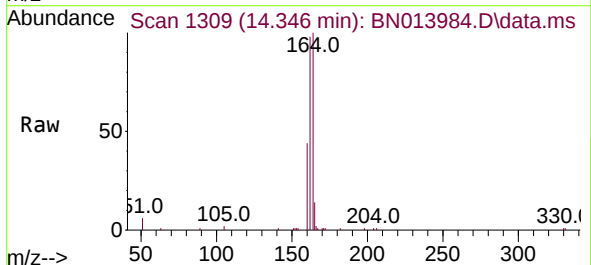
Tgt Ion:	142	Resp:	3940
Ion Ratio	Lower	Upper	
142	100		
141	88.3	70.5	105.7
115	37.7	27.4	41.0

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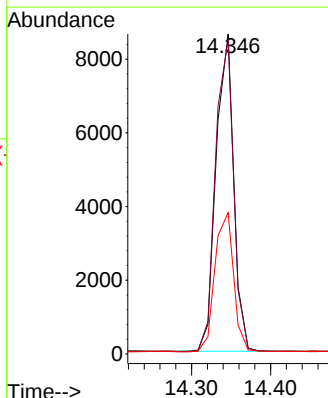
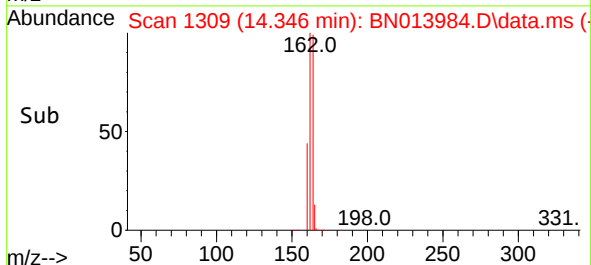
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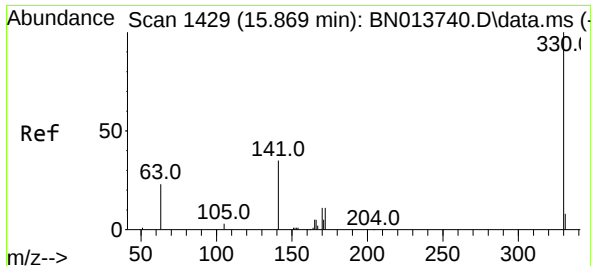


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19



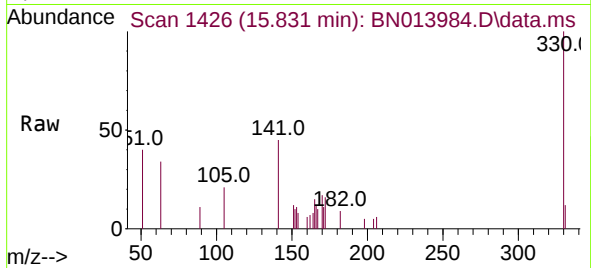
Tgt Ion:	164	Resp:	13338
Ion Ratio	Lower	Upper	
164	100		
162	98.2	79.6	119.4
160	44.2	36.0	54.0





#14
2,4,6-Tribromophenol
Concen: 0.33 ng
RT: 15.831 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

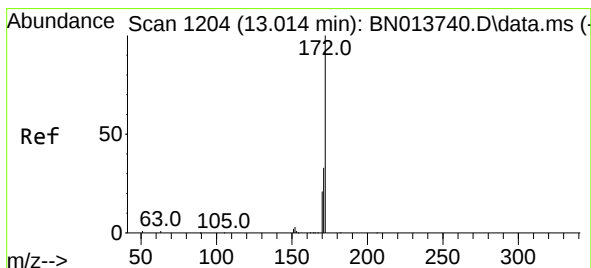
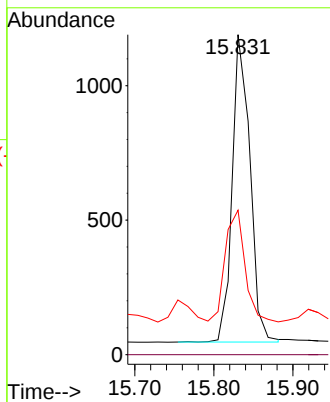
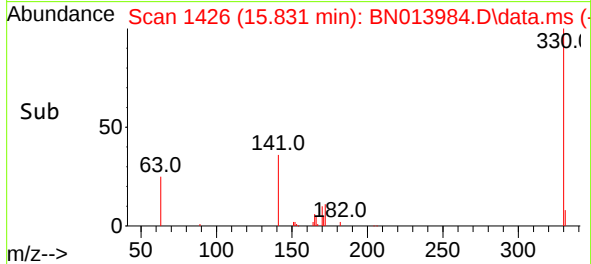
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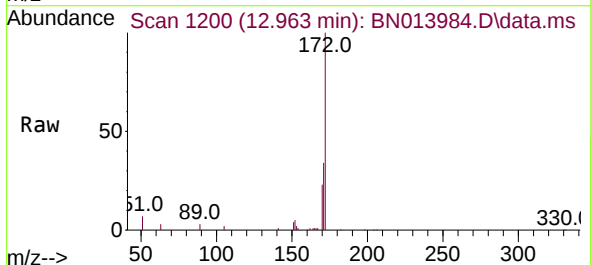
Tgt Ion:330 Resp: 1782
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.5 26.8 40.2#

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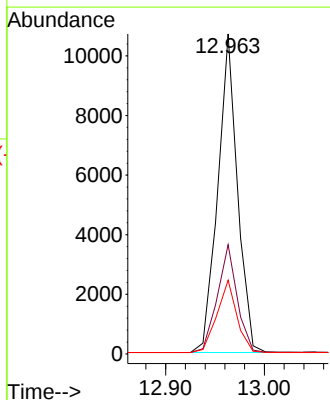
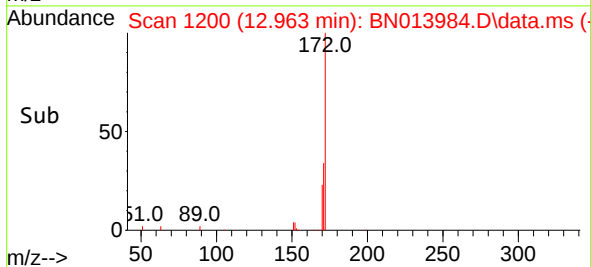
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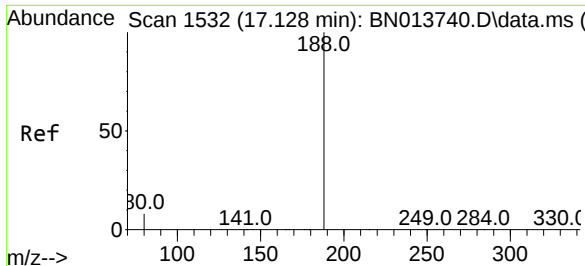


#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 12.963 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19



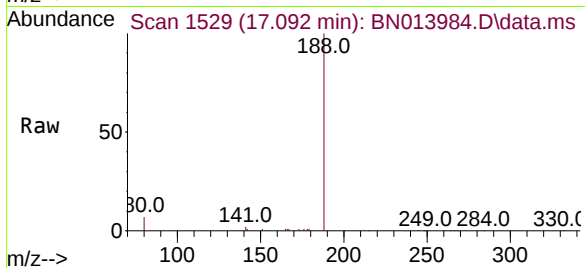
Tgt Ion:172 Resp: 14808
Ion Ratio Lower Upper
172 100
171 34.2 28.6 42.8
170 23.1 18.9 28.3





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

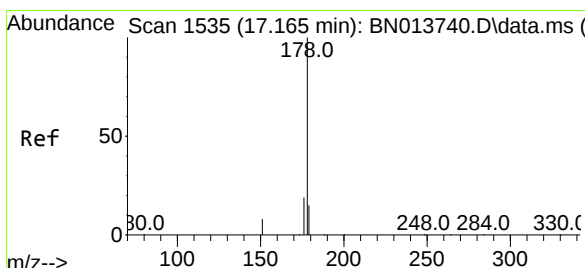
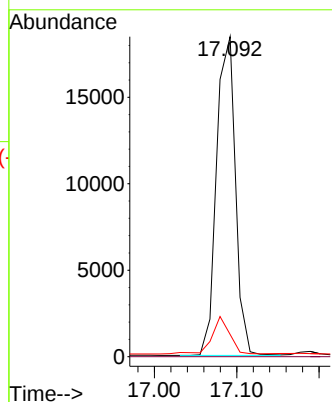
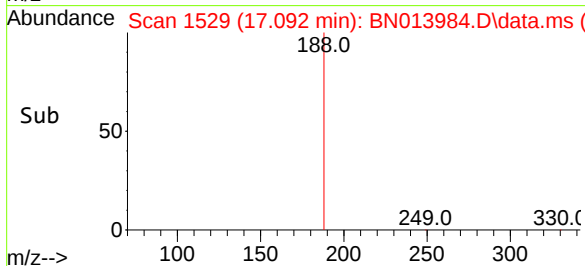
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BNA_N
ClientSampleId :
GWR3-224-234-031721



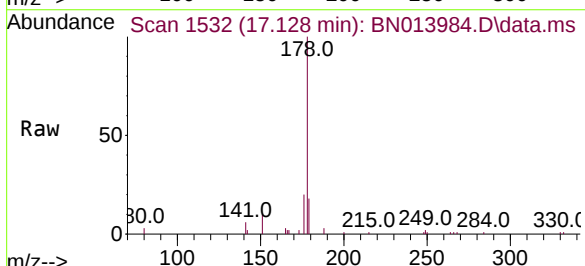
Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	9.0	13.6#

Manual Integrations
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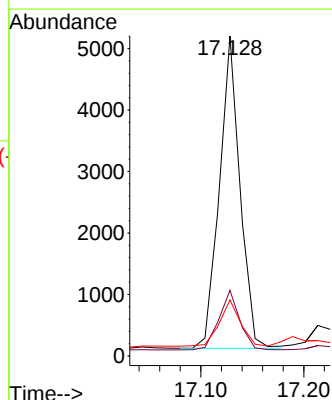
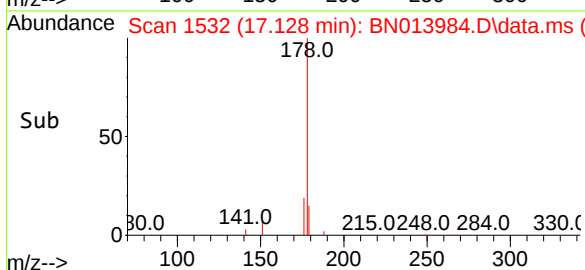
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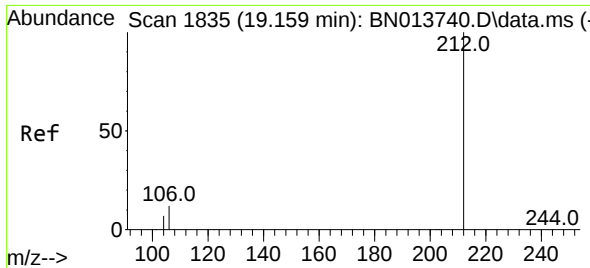


#25
Phenanthrene
Concen: 0.09 ng
RT: 17.128 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19



Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	16.8	12.3	18.5





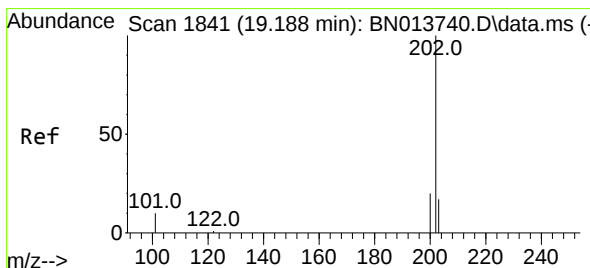
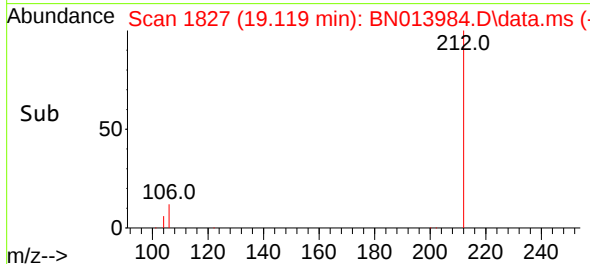
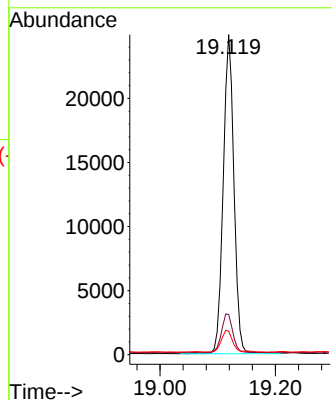
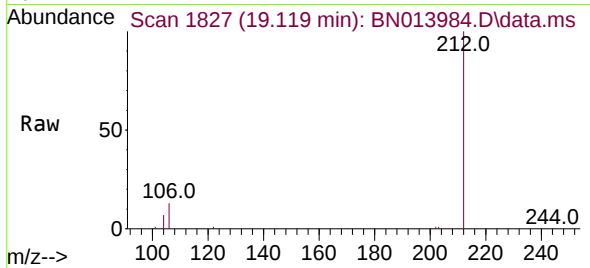
#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.119 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion:212 Resp: 32219
Ion Ratio Lower Upper
212 100
106 12.5 9.7 14.5
104 7.0 5.5 8.3

Instrument :
BNA_N
ClientSampleId :
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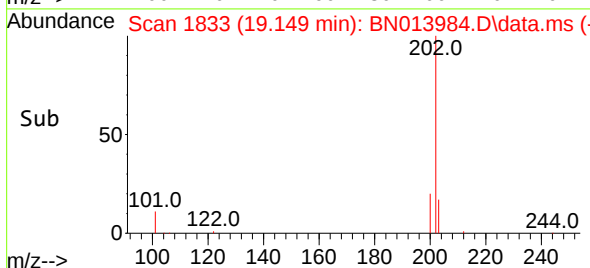
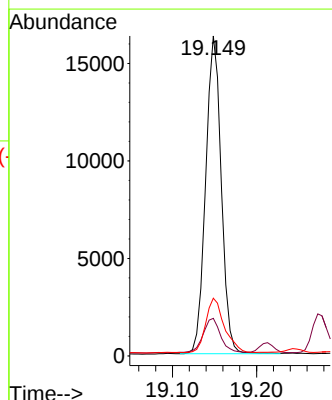
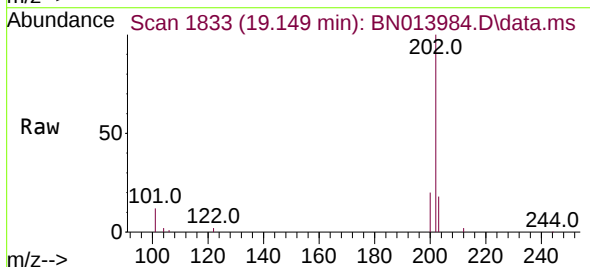
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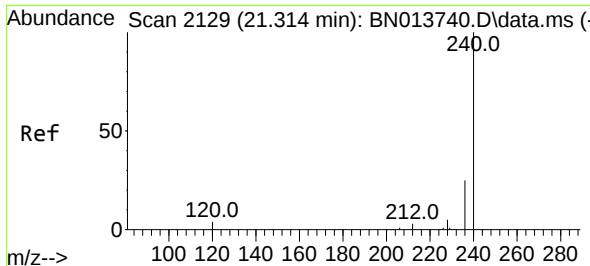
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#28
Fluoranthene
Concen: 0.23 ng
RT: 19.149 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion:202 Resp: 21020
Ion Ratio Lower Upper
202 100
101 12.2 8.1 12.1#
203 20.3 13.9 20.9





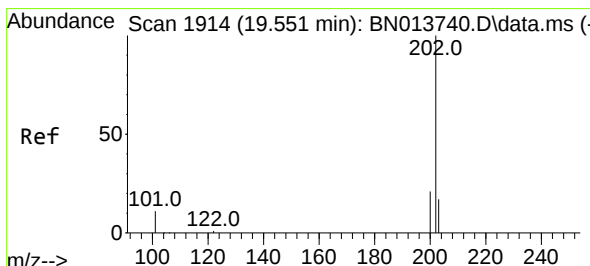
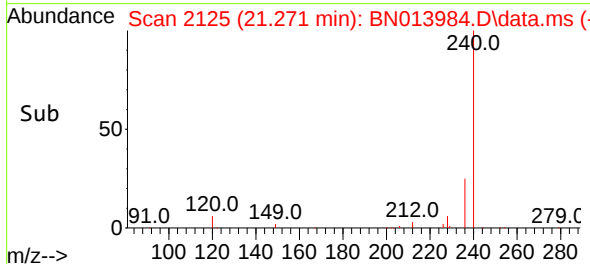
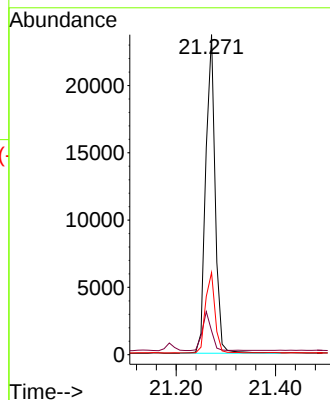
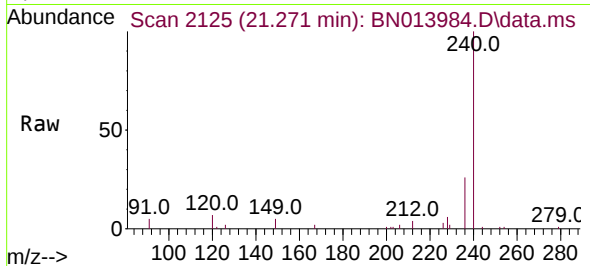
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.271 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	10.2	15.4#
236	25.6	21.3	31.9

Instrument :
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ClientSampleId :
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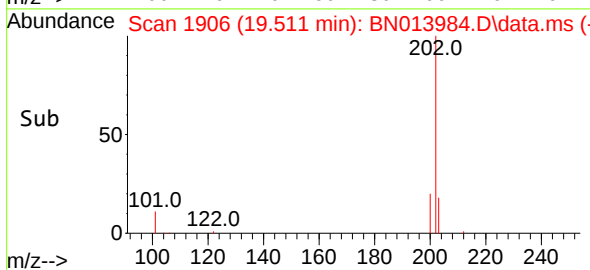
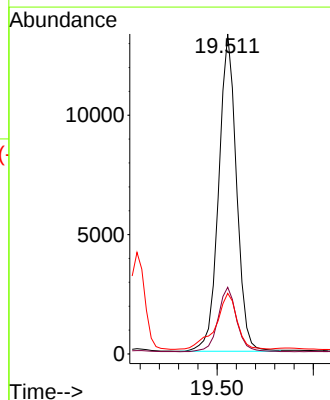
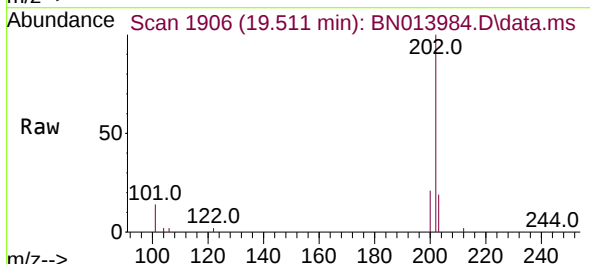
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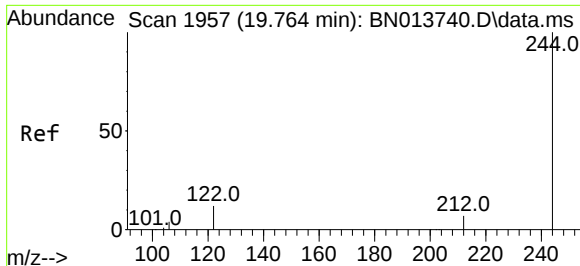
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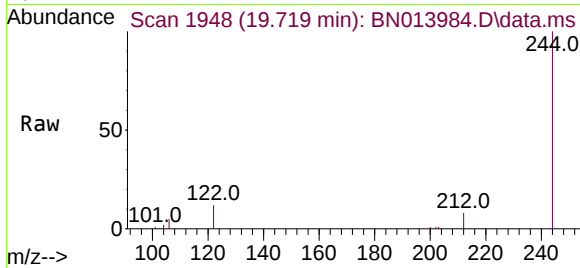
#30
Pyrene
Concen: 0.18 ng
RT: 19.511 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.3	24.5
203	21.1	14.0	21.0#

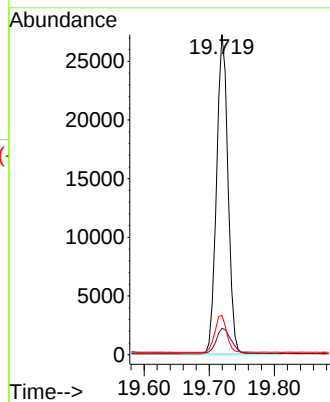
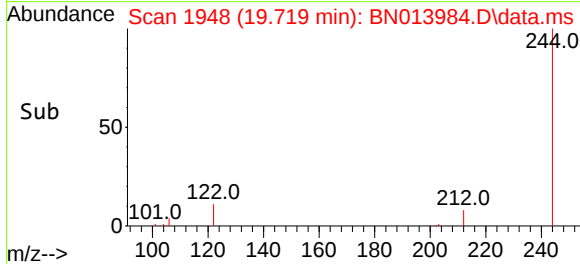




#31
 Terphenyl-d14
 Concen: 0.48 ng
 RT: 19.719 min Scan# 1948
 Delta R.T. -0.000 min
 Lab File: BN013984.D
 Acq: 18 Mar 2021 16:19



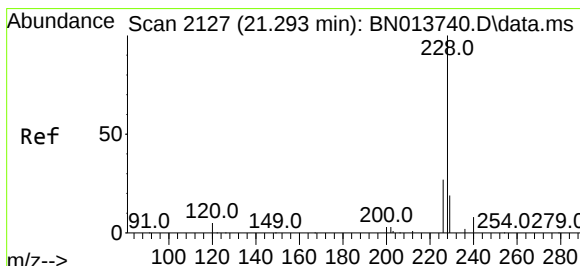
Tgt Ion:244 Resp: 33297
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.1 9.1
 122 12.3 9.8 14.8



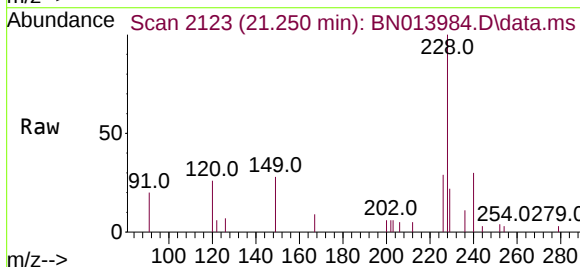
Instrument :
 BNA_N
 ClientSampleId :
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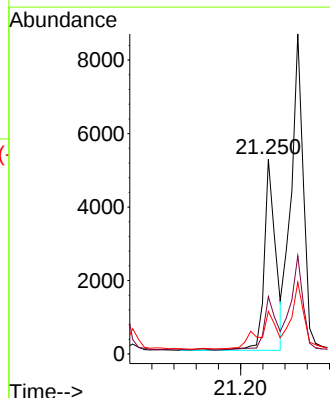
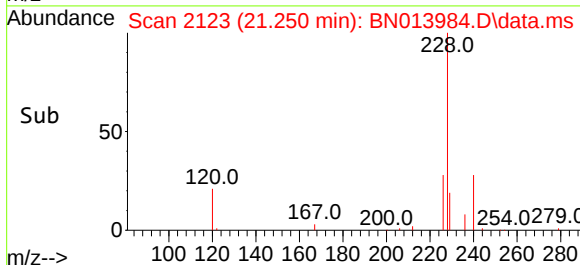
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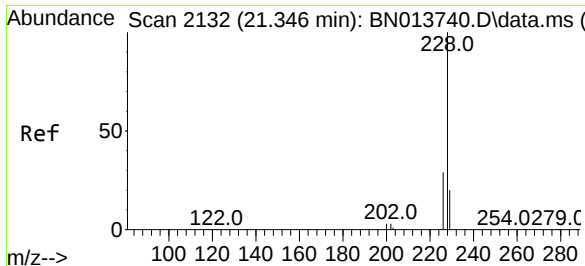


#32
 Benzo(a)anthracene
 Concen: 0.08 ng
 RT: 21.250 min Scan# 2123
 Delta R.T. -0.000 min
 Lab File: BN013984.D
 Acq: 18 Mar 2021 16:19



Tgt Ion:228 Resp: 7293
 Ion Ratio Lower Upper
 228 100
 226 29.4 20.5 30.7
 229 21.9 16.2 24.4





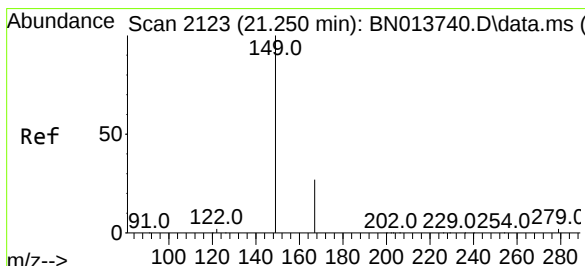
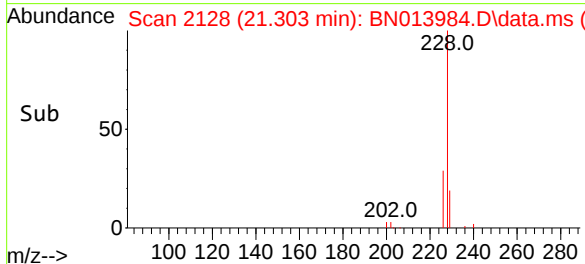
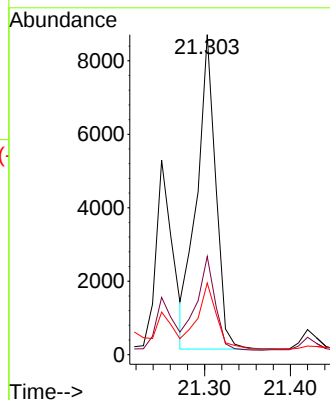
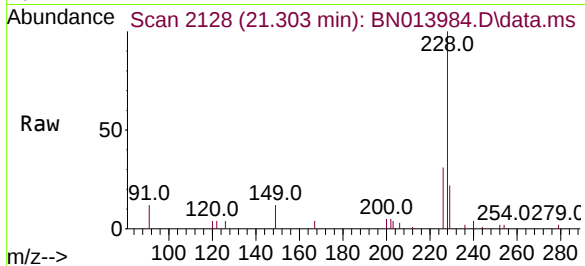
#33
Chrysene
Concen: 0.14 ng
RT: 21.303 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion:	228	Resp:	13097
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.3	36.5
229	22.4	15.1	22.7

Instrument :
BNA_N
ClientSampleId :
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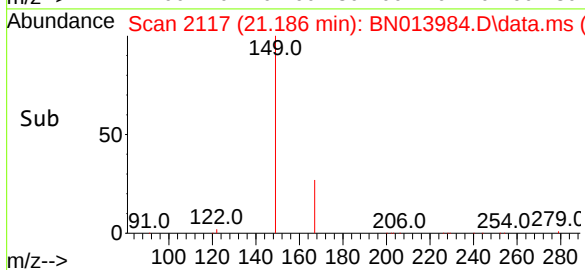
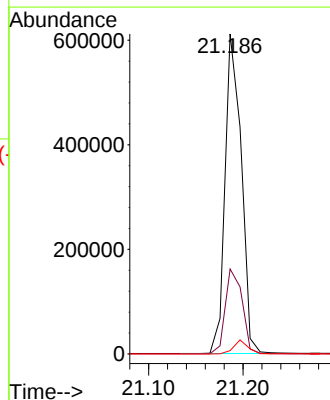
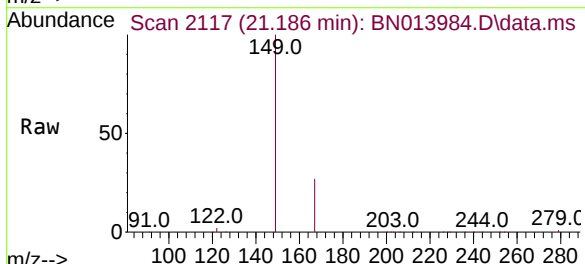
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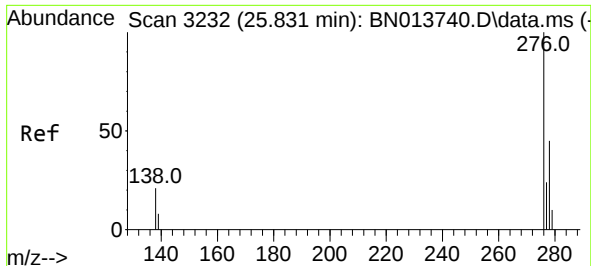
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#34
Bis(2-ethylhexyl)phthalate
Concen: 16.08 ng
RT: 21.186 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion:	149	Resp:	730650
Ion Ratio	Lower	Upper	
149	100		
167	27.6	22.1	33.1
279	3.8	3.5	5.3





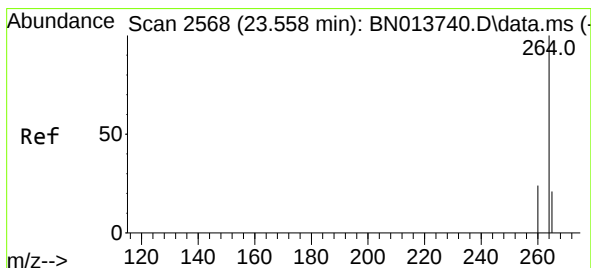
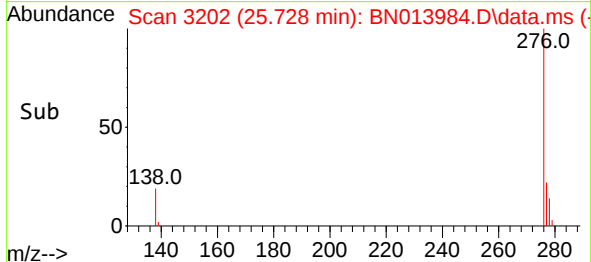
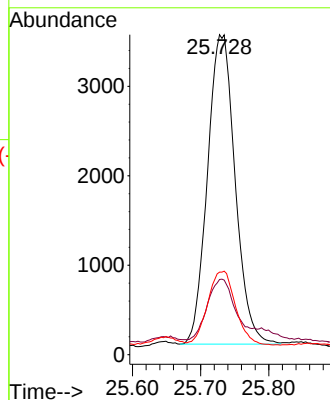
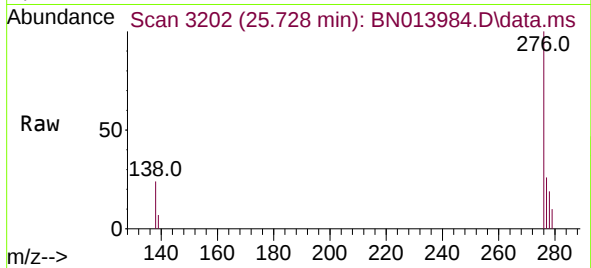
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng
RT: 25.728 min Scan# 3202
Delta R.T. -0.004 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion:	276	Resp:	9764
Ion Ratio	Lower	Upper	
276	100		
138	20.0	19.8	29.6
277	23.9	19.9	29.9

Instrument :
BNA_N
ClientSampleId :
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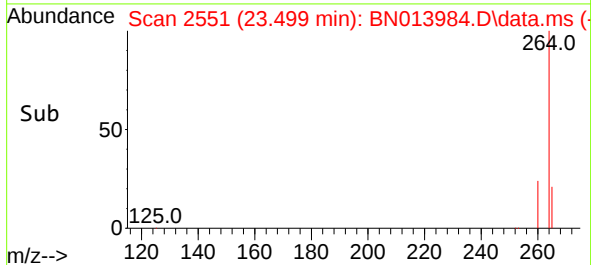
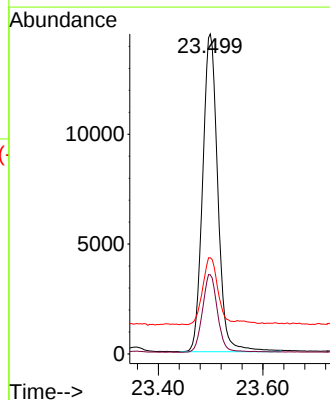
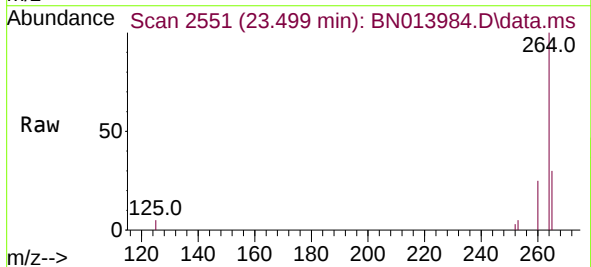
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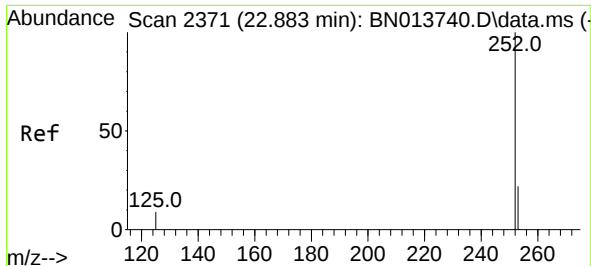
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#36
Perylene-d12
Concen: 0.40 ng
RT: 23.499 min Scan# 2551
Delta R.T. -0.000 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion:	264	Resp:	29107
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.3	28.9
265	30.0	66.2	99.4#





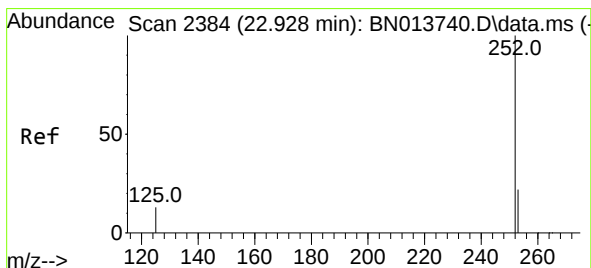
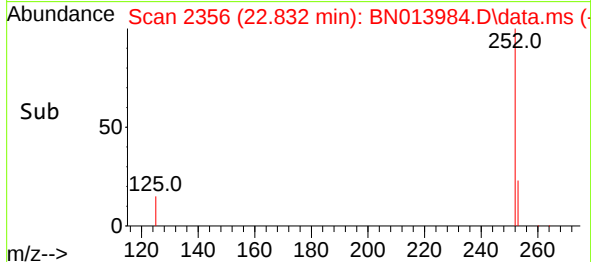
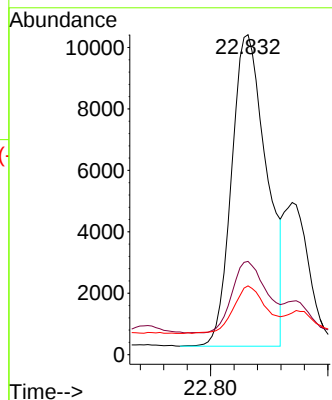
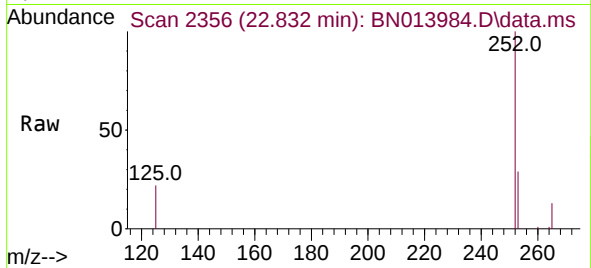
#37
Benzo(b)fluoranthene
Concen: 0.23 ng
RT: 22.832 min Scan# 2356
Delta R.T. 0.003 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion:252 Resp: 21108
Ion Ratio Lower Upper
252 100
253 29.1 20.4 30.6
125 21.5 11.6 17.4#

Instrument :
BNA_N
ClientSampleId :
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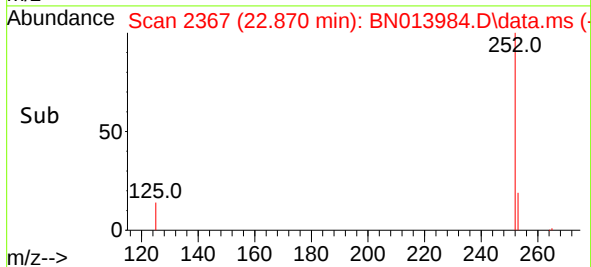
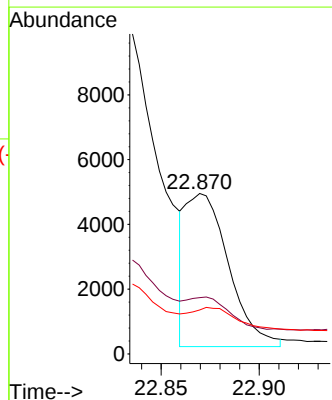
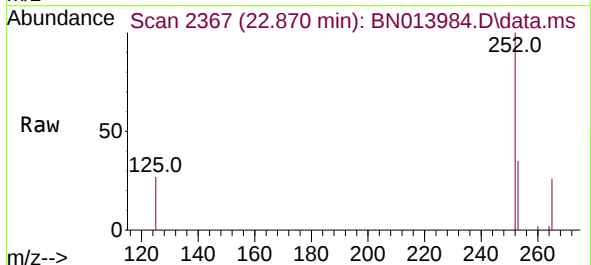
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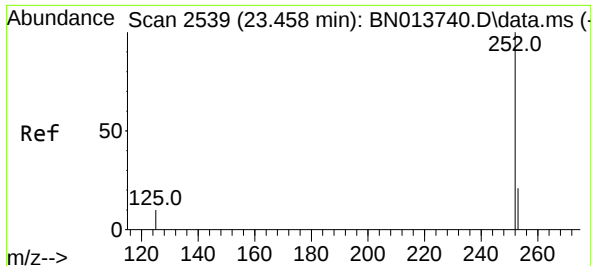
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#38
Benzo(k)fluoranthene
Concen: 0.08 ng m
RT: 22.870 min Scan# 2367
Delta R.T. -0.004 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19

Tgt Ion:252 Resp: 7223
Ion Ratio Lower Upper
252 100
253 35.1 20.5 30.7#
125 27.4 12.3 18.5#





#39

Benzo(a)pyrene

Concen: 0.11 ng

RT: 23.400 min Scan# 2522

Delta R.T. -0.000 min

Lab File: BN013984.D

Acq: 18 Mar 2021 16:19

Tgt Ion:	252	Resp:	9300
Ion Ratio	Lower	Upper	
252	100		
253	35.8	21.8	32.6#
125	28.8	14.6	21.8#

Instrument :

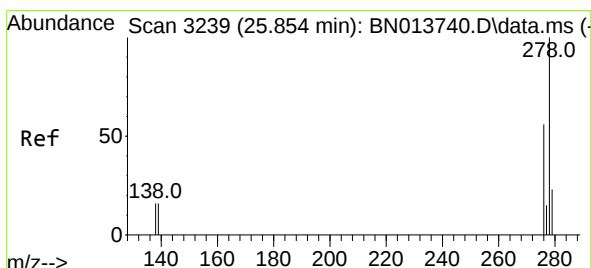
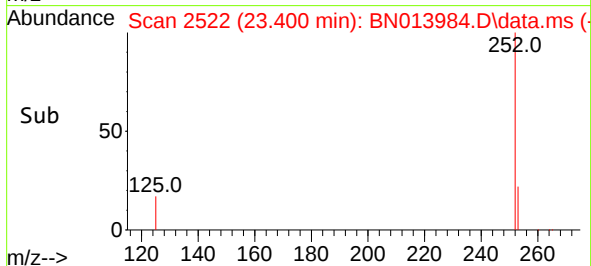
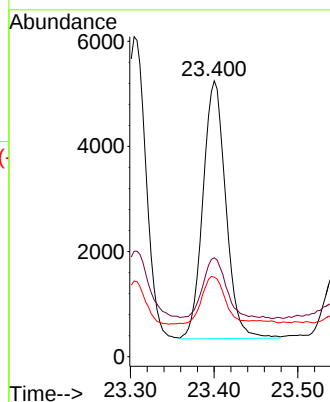
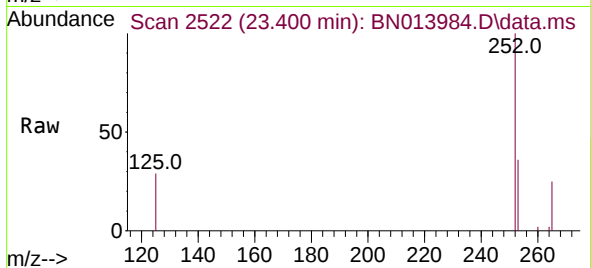
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#40

Dibenzo(a,h)anthracene

Concen: 0.02 ng

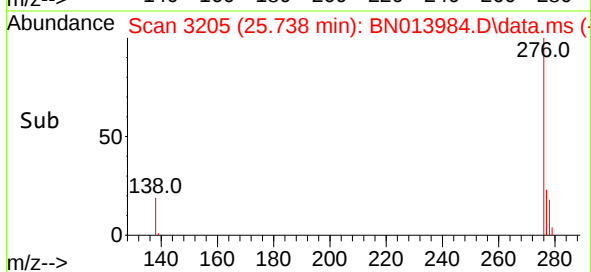
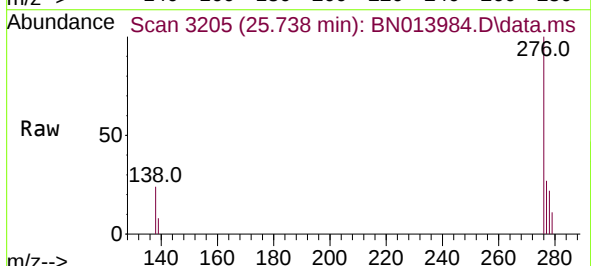
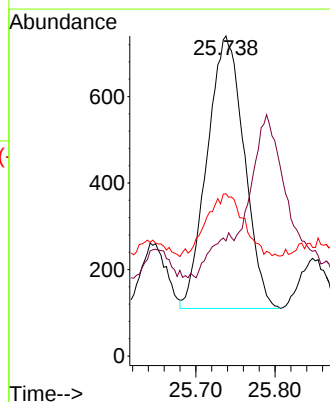
RT: 25.738 min Scan# 3205

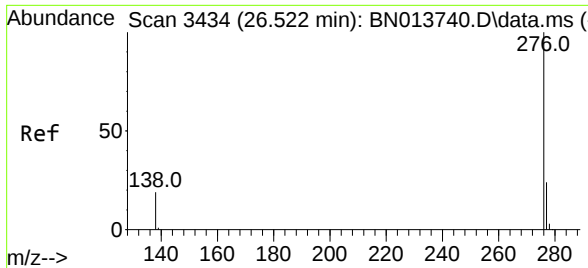
Delta R.T. -0.007 min

Lab File: BN013984.D

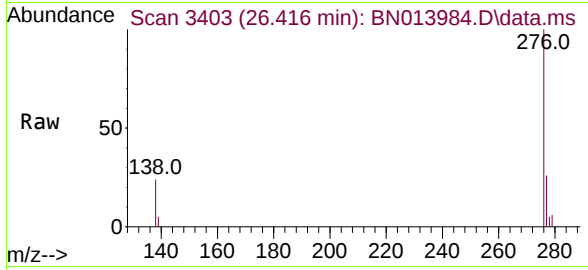
Acq: 18 Mar 2021 16:19

Tgt Ion:	278	Resp:	2042
Ion Ratio	Lower	Upper	
278	100		
139	35.9	13.1	19.7#
279	50.7	21.4	32.0#

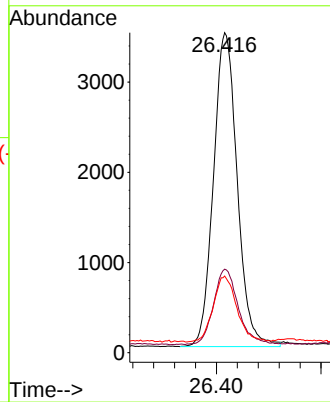
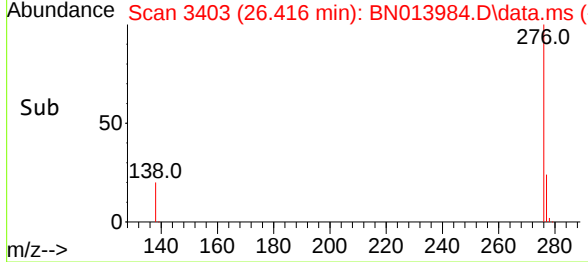




#41
Benzo(g,h,i)perylene
Concen: 0.12 ng
RT: 26.416 min Scan# 3403
Delta R.T. -0.003 min
Lab File: BN013984.D
Acq: 18 Mar 2021 16:19



Tgt Ion:	276	Resp:	10993
Ion Ratio	Lower	Upper	
276	100		
277	26.1	20.0	30.0
138	24.0	17.8	26.8



Instrument :
BNA_N
ClientSampleId :
GWBR3-224-234-031721

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