

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031921\
 Data File : BN013987.D
 Acq On : 18 Mar 2021 18:07
 Operator : CG/JU
 Sample : M1714-03DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-209-219-031721DL

Quant Time: Mar 18 18:37:11 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)

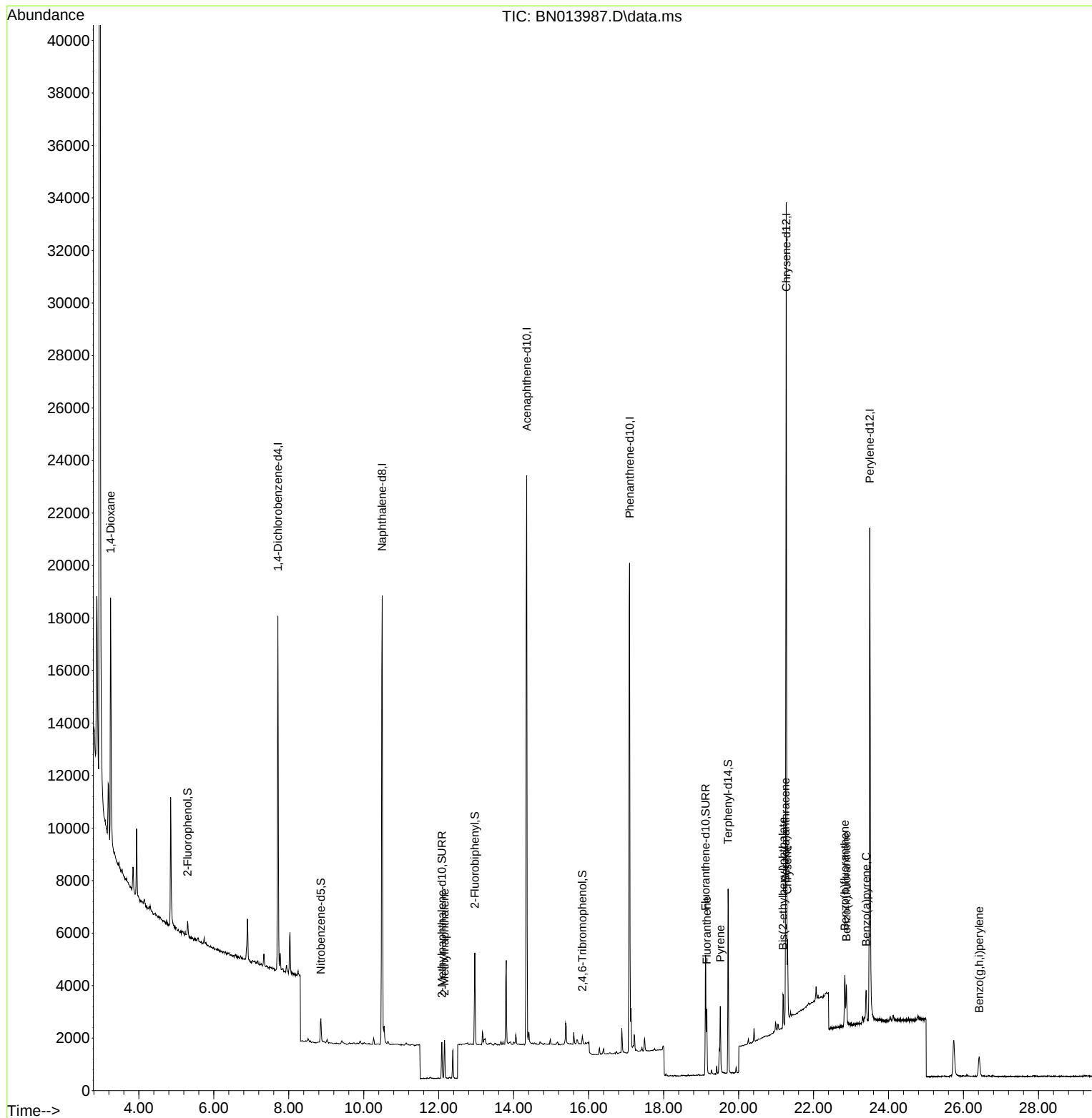
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	6369	0.40	ng	0.00
7) Naphthalene-d8	10.492	136	23898	0.40	ng	# 0.00
13) Acenaphthene-d10	14.346	164	13054	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	28530	0.40	ng	# 0.00
29) Chrysene-d12	21.271	240	27767	0.40	ng	# 0.00
36) Perylene-d12	23.499	264	25021	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	426	0.02	ng	0.00
5) Phenol-d6	6.871	99	333	0.01	ng	0.00
8) Nitrobenzene-d5	8.857	82	822	0.05	ng	0.00
11) 2-Methylnaphthalene-d10	12.084	152	1871	0.05	ng	0.00
14) 2,4,6-Tribromophenol	15.831	330	236	0.04	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	2862	0.06	ng	0.00
27) Fluoranthene-d10	19.119	212	5139	0.06	ng	0.00
31) Terphenyl-d14	19.719	244	6914	0.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	6065	0.79	ng	94
12) 2-Methylnaphthalene	12.155	142	1051	0.03	ng	# 94
28) Fluoranthene	19.149	202	2321	0.03	ng	# 95
30) Pyrene	19.511	202	2257	0.03	ng	98
32) Benzo(a)anthracene	21.250	228	2205	0.03	ng	94
33) Chrysene	21.303	228	2464	0.03	ng	94
34) Bis(2-ethylhexyl)phtha...	21.186	149	1377	0.03	ng	# 97
37) Benzo(b)fluoranthene	22.832	252	2601	0.03	ng	# 52
38) Benzo(k)fluoranthene	22.876	252	2060	0.03	ng	# 48
39) Benzo(a)pyrene	23.404	252	1744	0.02	ng	# 32
41) Benzo(g,h,i)perylene	26.419	276	1621	0.02	ng	# 82

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

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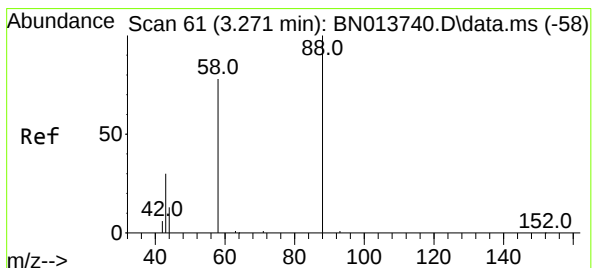
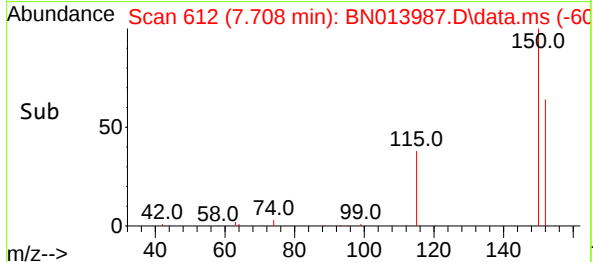
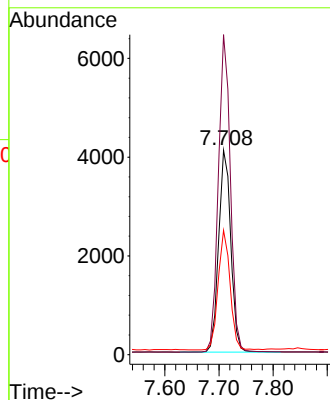
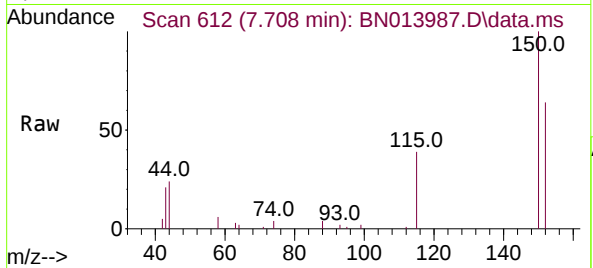




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.708 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: BN013987.D
 Acq: 18 Mar 2021 18:07

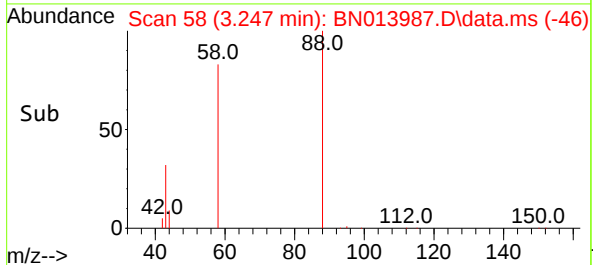
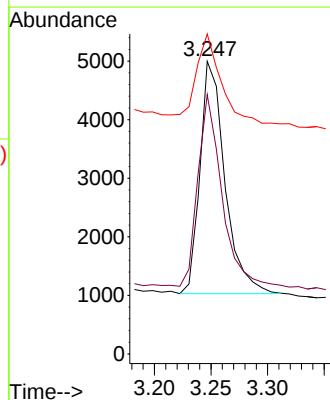
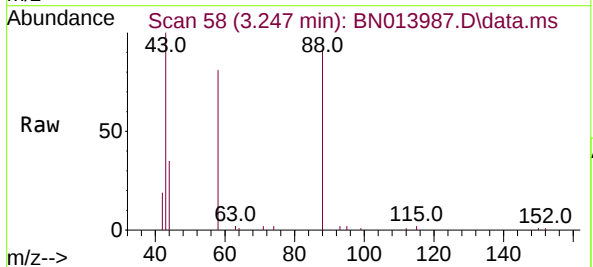
Instrument :
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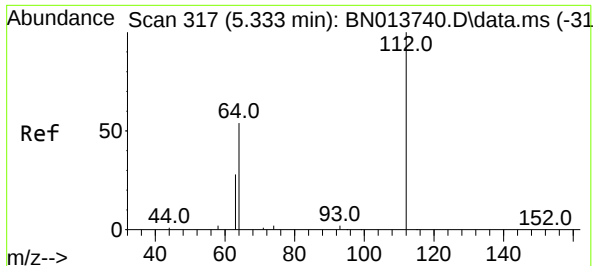
Tgt Ion:152 Resp: 6369
 Ion Ratio Lower Upper
 152 100
 150 156.5 121.8 182.8
 115 60.8 46.6 69.8



#2
 1,4-Dioxane
 Concen: 0.79 ng
 RT: 3.247 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: BN013987.D
 Acq: 18 Mar 2021 18:07

Tgt Ion: 88 Resp: 6065
 Ion Ratio Lower Upper
 88 100
 58 77.5 64.6 96.8
 43 39.5 26.6 40.0

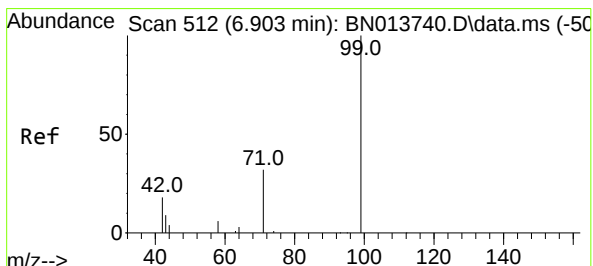
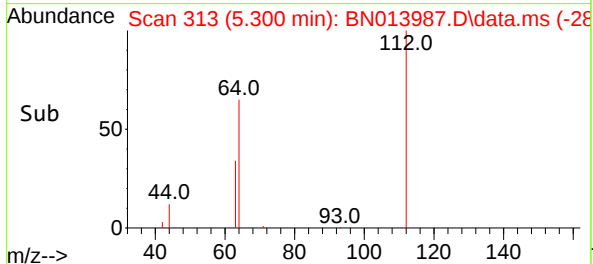
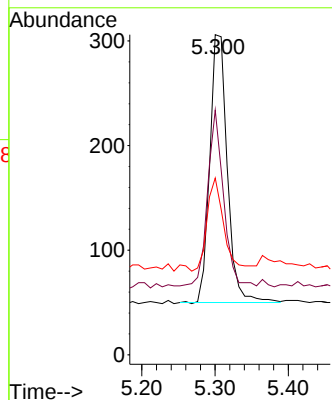
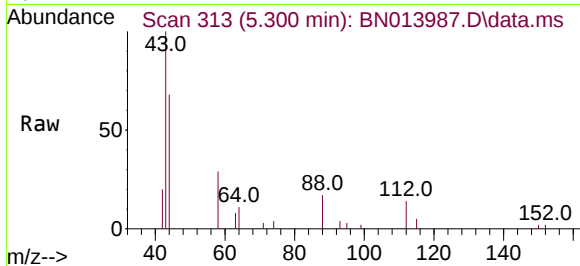




#4
2-Fluorophenol
Concen: 0.02 ng
RT: 5.300 min Scan# 313
Delta R.T. -0.000 min
Lab File: BN013987.D
Acq: 18 Mar 2021 18:07

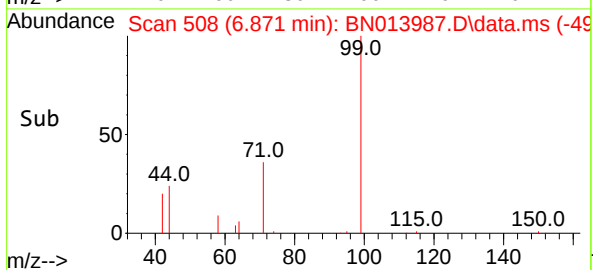
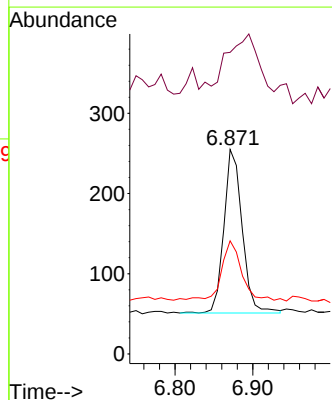
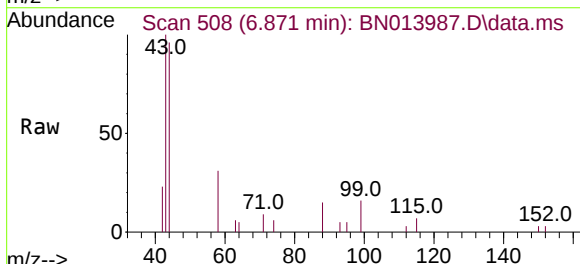
Instrument :
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ClientSampleId :
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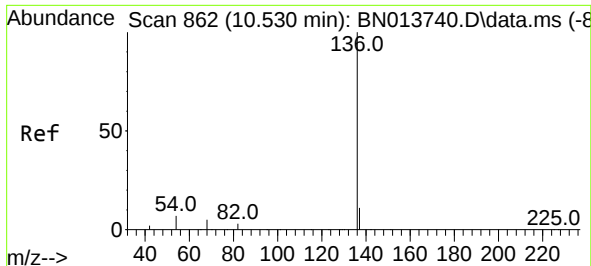
Tgt Ion:112	Resp:	426
Ion	Ratio	Lower Upper
112	100	
64	61.3	44.3 66.5
63	32.9	23.0 34.6



#5
Phenol-d6
Concen: 0.01 ng
RT: 6.871 min Scan# 508
Delta R.T. -0.000 min
Lab File: BN013987.D
Acq: 18 Mar 2021 18:07

Tgt Ion: 99	Resp:	333
Ion	Ratio	Lower Upper
99	100	
42	0.0	15.2 22.8#
71	41.7	26.1 39.1#

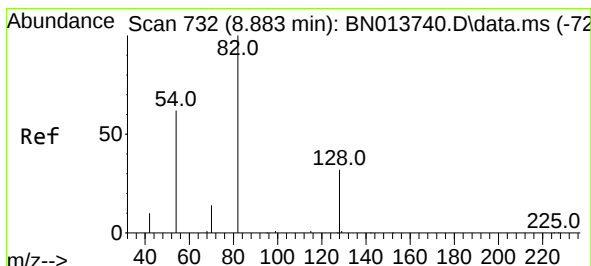
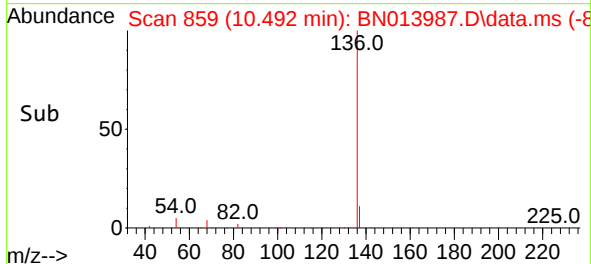
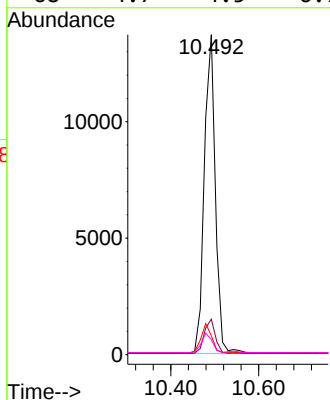
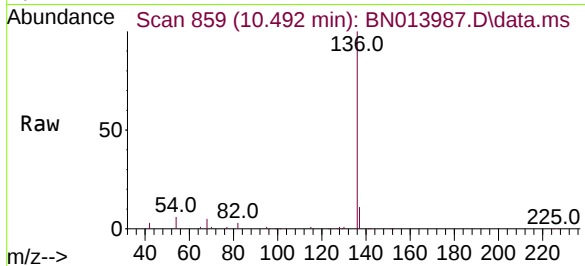




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.000 min
Lab File: BN013987.D
Acq: 18 Mar 2021 18:07

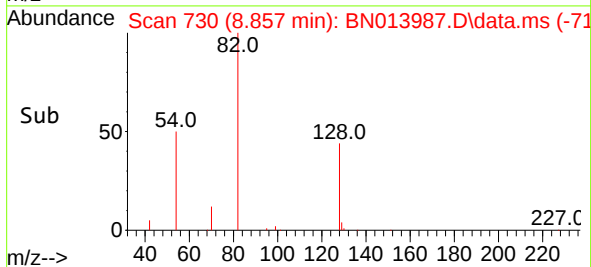
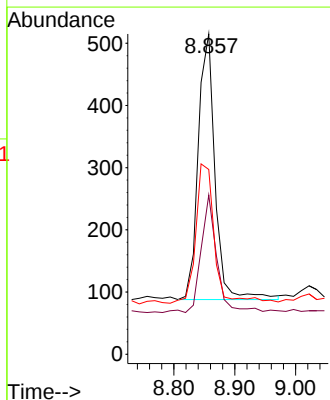
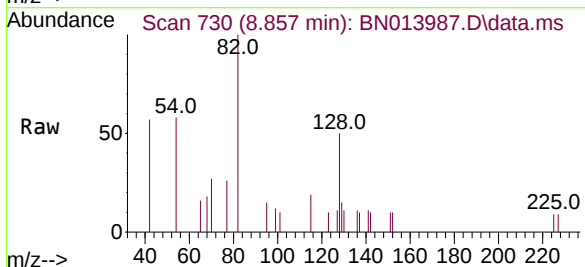
Instrument :
BNA_N
ClientSampleId :
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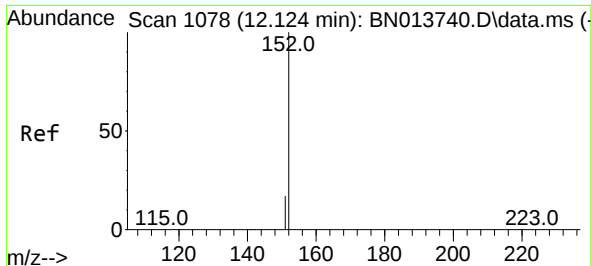
Tgt Ion:	136	Resp:	23898
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.6
54	5.9	6.4	9.6#
68	4.7	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.05 ng
RT: 8.857 min Scan# 730
Delta R.T. -0.000 min
Lab File: BN013987.D
Acq: 18 Mar 2021 18:07

Tgt Ion:	82	Resp:	822
Ion Ratio	Lower	Upper	
82	100		
128	49.7	39.2	58.8
54	57.7	40.1	60.1

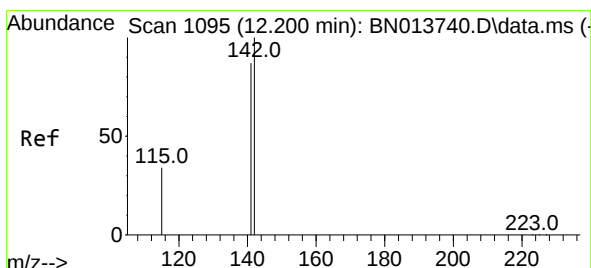
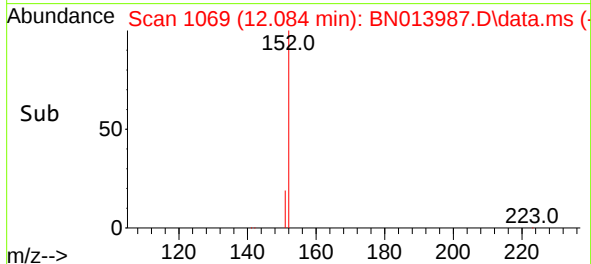
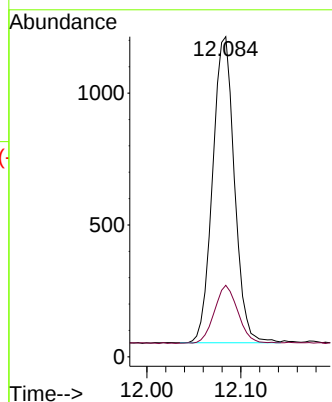
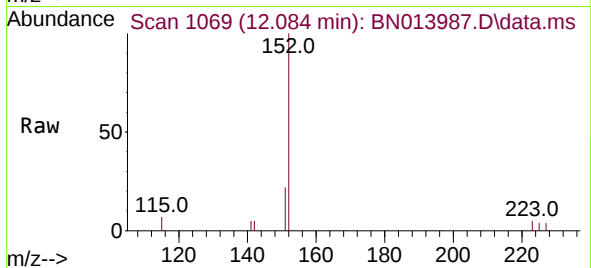




#11
2-Methylnaphthalene-d10
Concen: 0.05 ng
RT: 12.084 min Scan# 1069
Delta R.T. 0.004 min
Lab File: BN013987.D
Acq: 18 Mar 2021 18:07

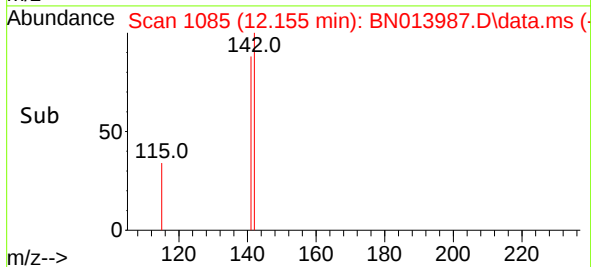
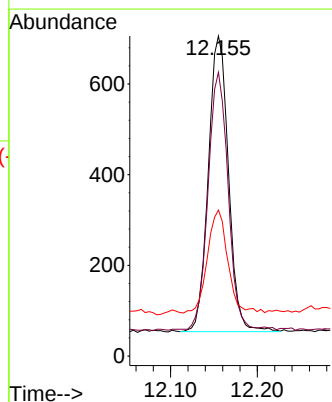
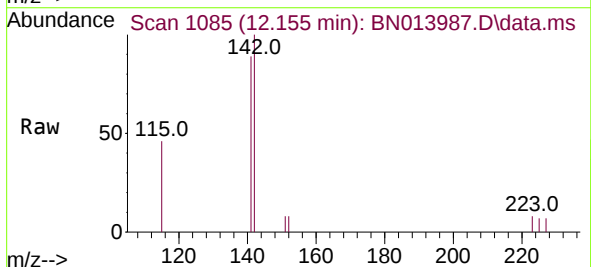
Instrument :
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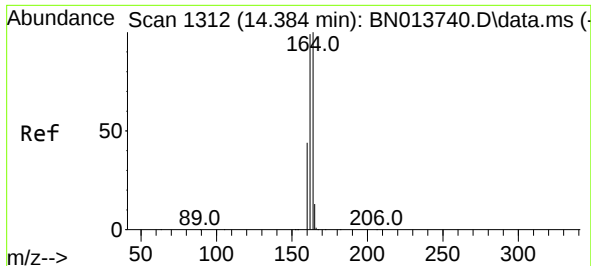
Tgt Ion:152 Resp: 1871
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.155 min Scan# 1085
Delta R.T. -0.000 min
Lab File: BN013987.D
Acq: 18 Mar 2021 18:07

Tgt Ion:142 Resp: 1051
Ion Ratio Lower Upper
142 100
141 88.7 70.5 105.7
115 45.6 27.4 41.0#

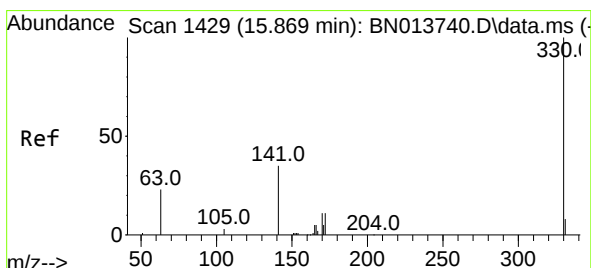
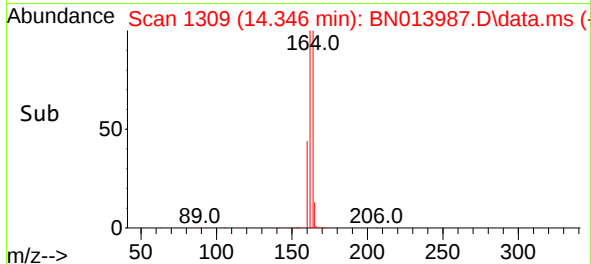
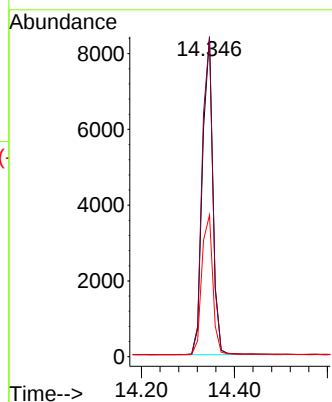
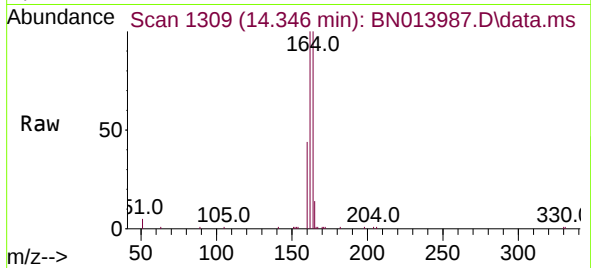




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.346 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BN013987.D
Acq: 18 Mar 2021 18:07

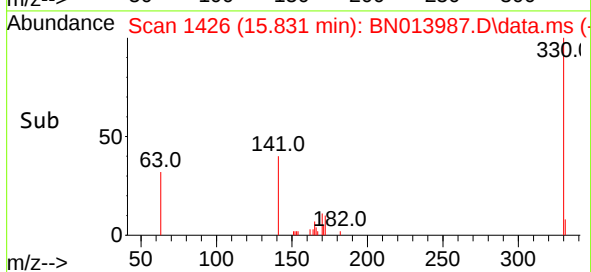
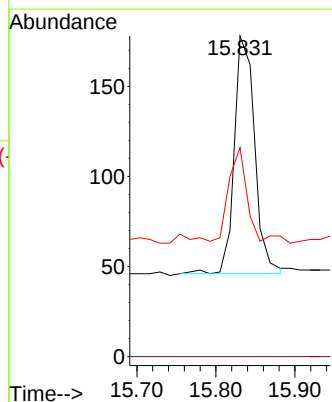
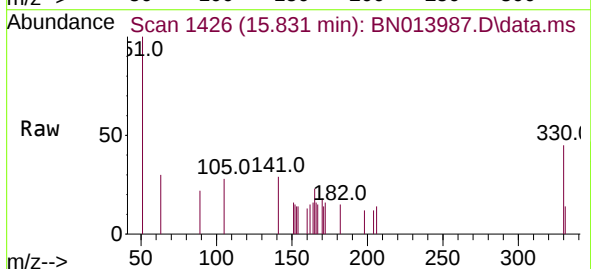
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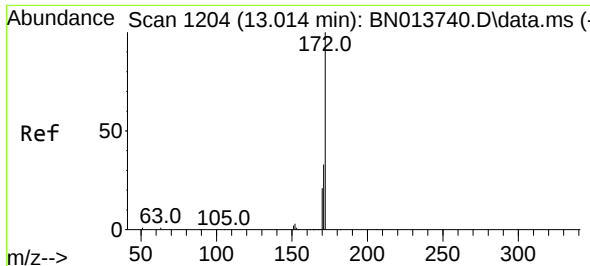
Tgt Ion:	164	Resp:	13054
Ion Ratio	Lower	Upper	
164	100		
162	99.8	79.6	119.4
160	44.2	36.0	54.0



#14
2,4,6-Tribromophenol
Concen: 0.04 ng
RT: 15.831 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BN013987.D
Acq: 18 Mar 2021 18:07

Tgt Ion:	330	Resp:	236
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	34.3	26.8	40.2

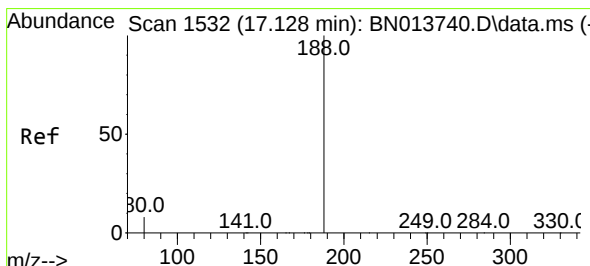
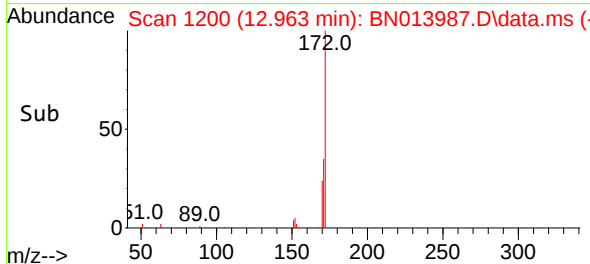
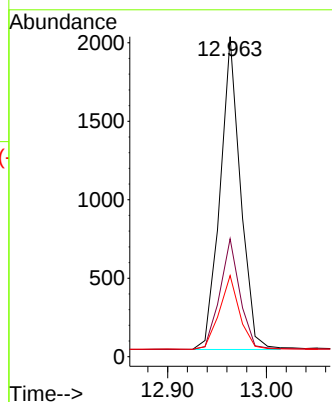
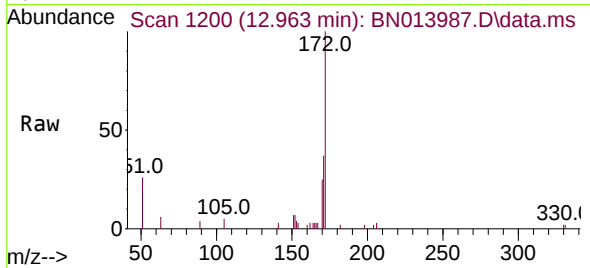




#15
2-Fluorobiphenyl
Concen: 0.06 ng
RT: 12.963 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BN013987.D
Acq: 18 Mar 2021 18:07

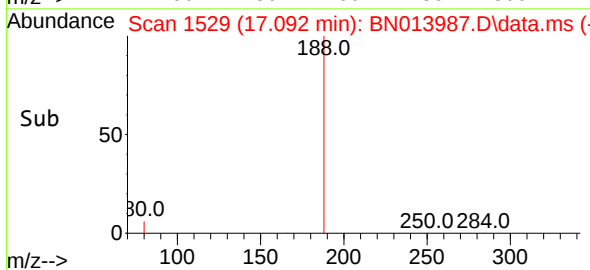
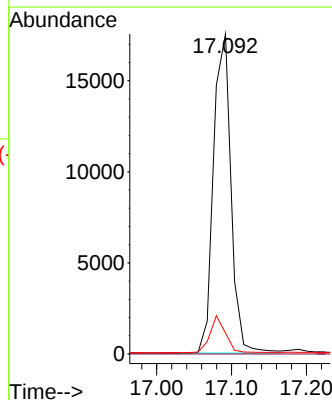
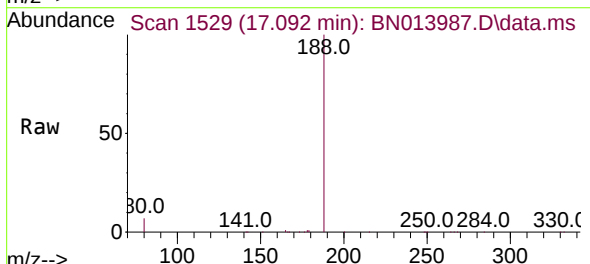
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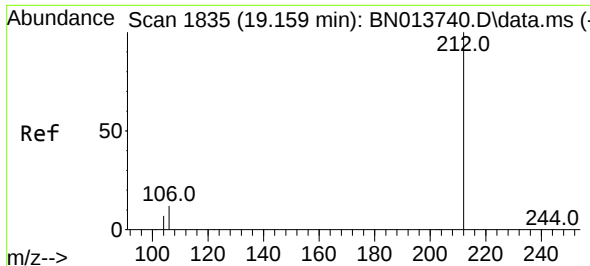
Tgt Ion:172	Resp:	2862
Ion Ratio	Lower	Upper
172	100	
171	36.9	28.6 42.8
170	25.4	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1529
Delta R.T. -0.000 min
Lab File: BN013987.D
Acq: 18 Mar 2021 18:07

Tgt Ion:188	Resp:	28530
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	6.6	9.0 13.6#

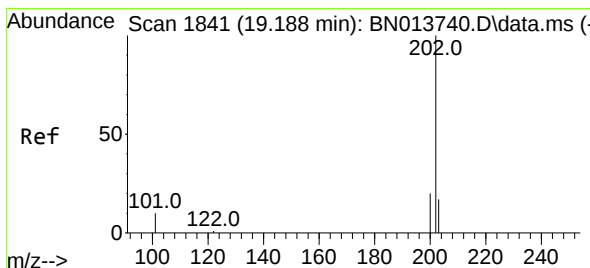
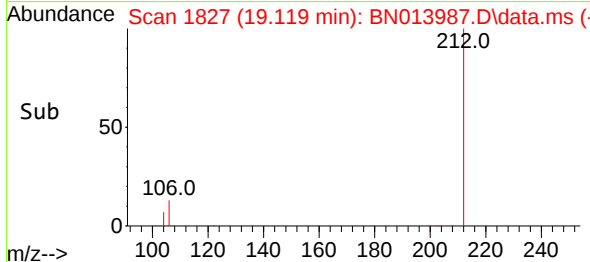
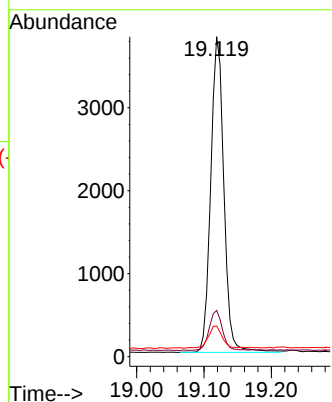
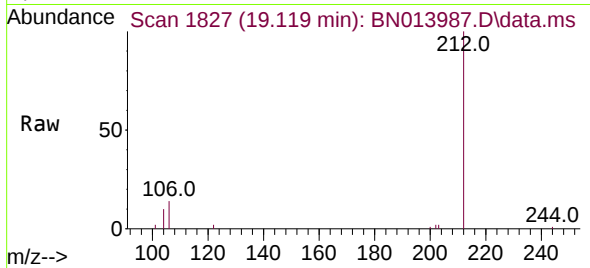




#27
Fluoranthene-d10
Concen: 0.06 ng
RT: 19.119 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BN013987.D
Acq: 18 Mar 2021 18:07

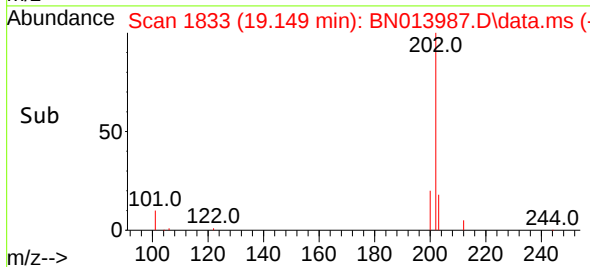
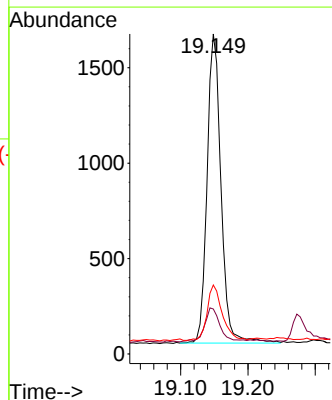
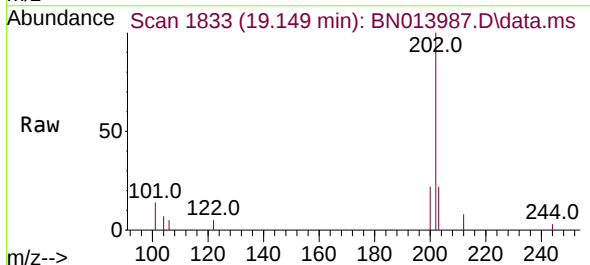
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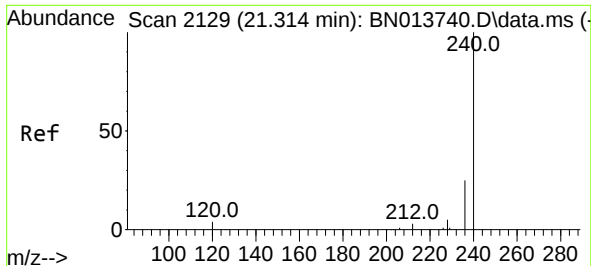
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Ion Ratio Lower Upper
212 100
106 12.7 9.7 14.5
104 7.7 5.5 8.3



#28
Fluoranthene
Concen: 0.03 ng
RT: 19.149 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BN013987.D
Acq: 18 Mar 2021 18:07

Tgt Ion:202 Resp: 2321
Ion Ratio Lower Upper
202 100
101 12.2 8.1 12.1#
203 19.3 13.9 20.9

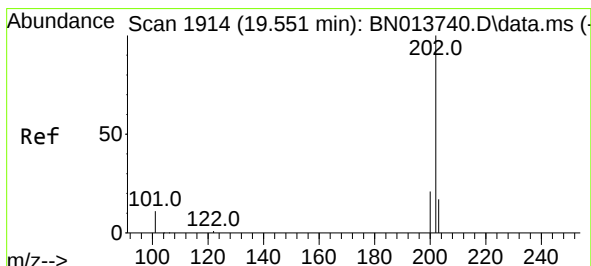
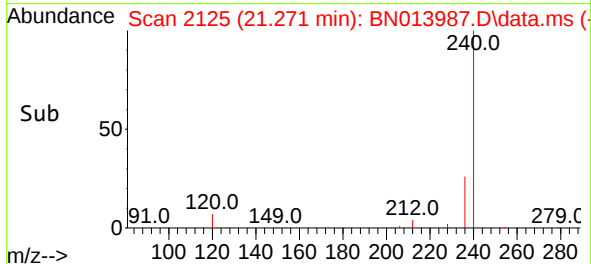
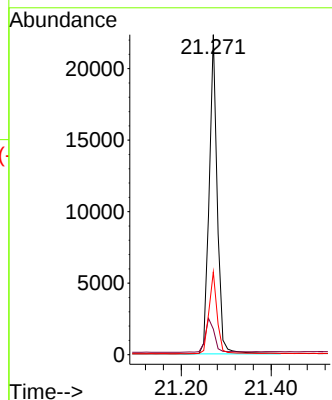
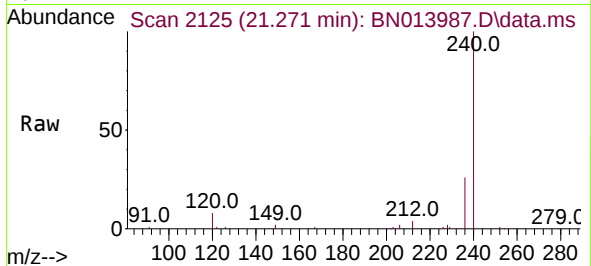




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.271 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BN013987.D
Acq: 18 Mar 2021 18:07

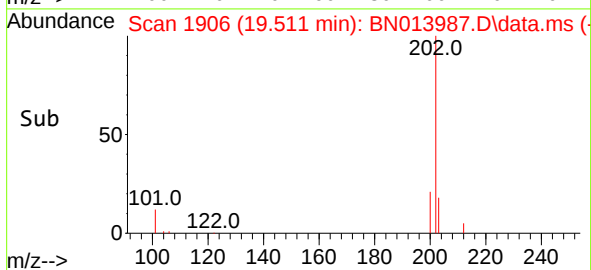
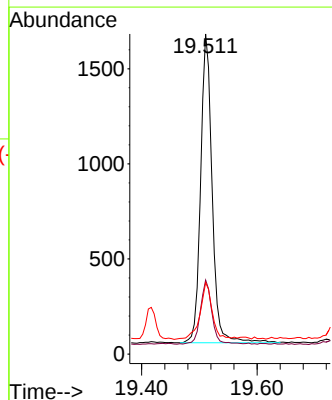
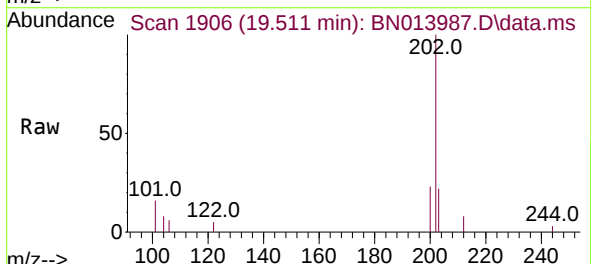
Instrument :
BNA_N
ClientSampleId :
GWBR3-209-219-031721DL

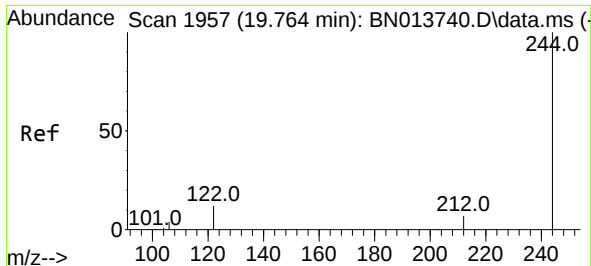
Tgt Ion:240 Resp: 27767
Ion Ratio Lower Upper
240 100
120 8.0 10.2 15.4#
236 25.8 21.3 31.9



#30
Pyrene
Concen: 0.03 ng
RT: 19.511 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BN013987.D
Acq: 18 Mar 2021 18:07

Tgt Ion:202 Resp: 2257
Ion Ratio Lower Upper
202 100
200 20.5 16.3 24.5
203 19.5 14.0 21.0

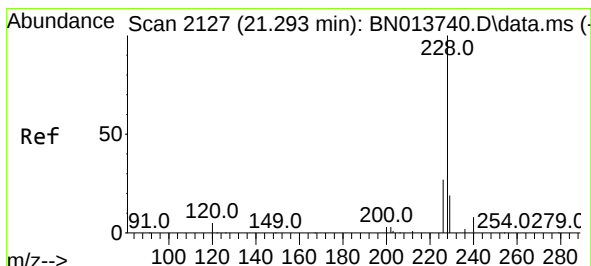
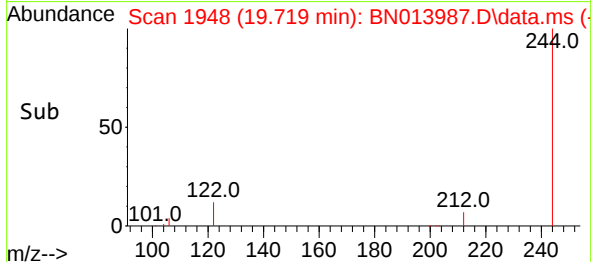
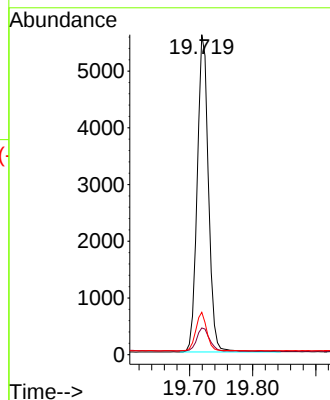
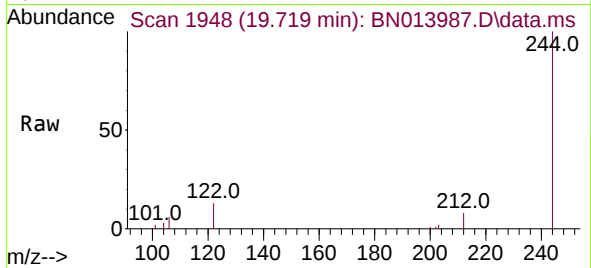




#31
Terphenyl-d14
Concen: 0.11 ng
RT: 19.719 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BN013987.D
Acq: 18 Mar 2021 18:07

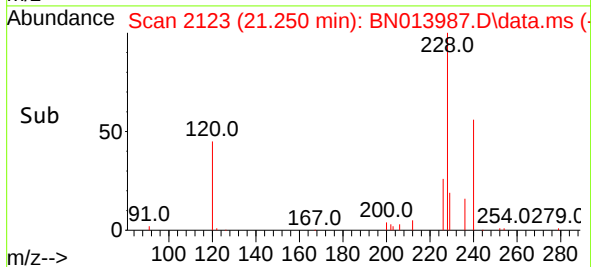
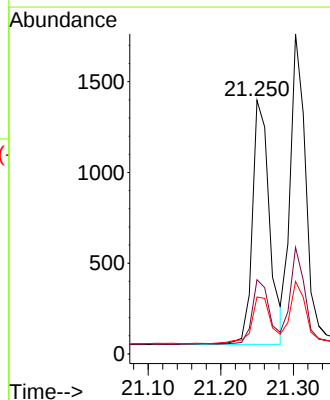
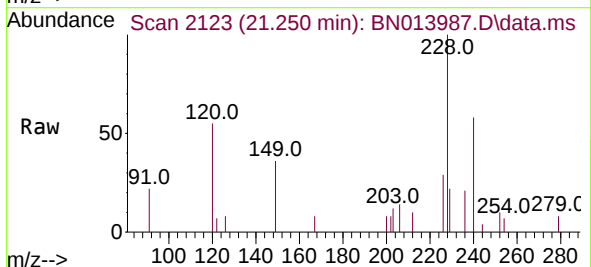
Instrument :
BNA_N
ClientSampleId :
GWBR3-209-219-031721DL

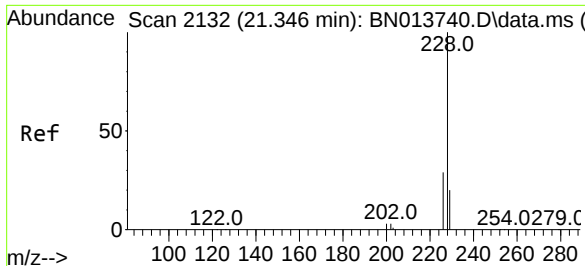
Tgt Ion:244 Resp: 6914
Ion Ratio Lower Upper
244 100
212 8.3 6.1 9.1
122 13.2 9.8 14.8



#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.250 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN013987.D
Acq: 18 Mar 2021 18:07

Tgt Ion:228 Resp: 2205
Ion Ratio Lower Upper
228 100
226 29.3 20.5 30.7
229 22.5 16.2 24.4





#33

Chrysene

Concen: 0.03 ng

RT: 21.303 min Scan# 2128

Delta R.T. -0.000 min

Lab File: BN013987.D

Acq: 18 Mar 2021 18:07

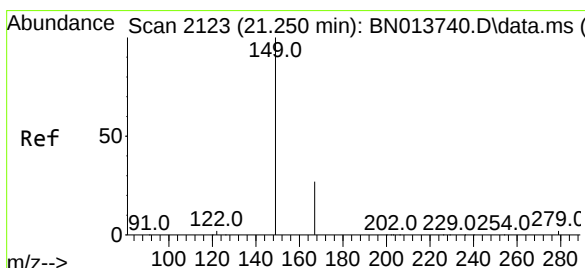
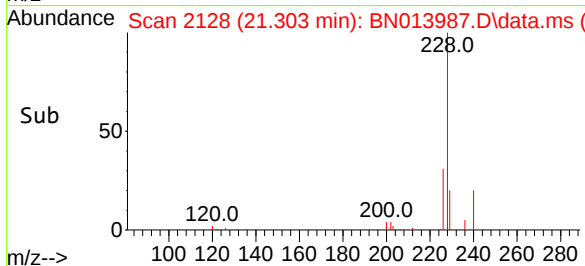
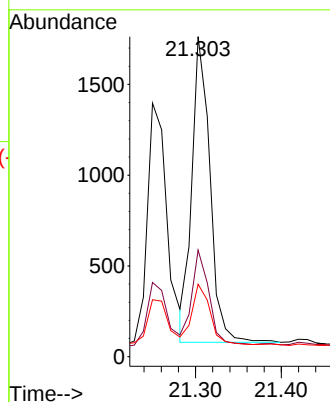
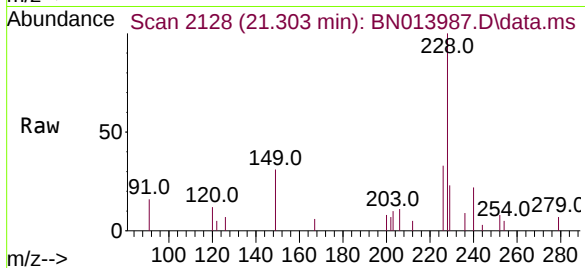
Tgt Ion:	228	Resp:	2464
Ion Ratio	Lower	Upper	
228	100		
226	33.3	24.3	36.5
229	22.6	15.1	22.7

Instrument :

BNA_N

ClientSampleId :

GWBR3-209-219-031721DL



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.03 ng

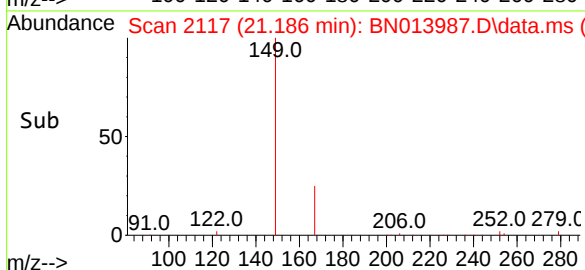
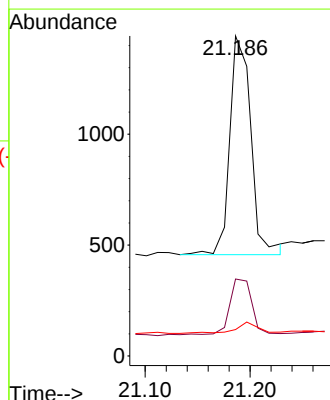
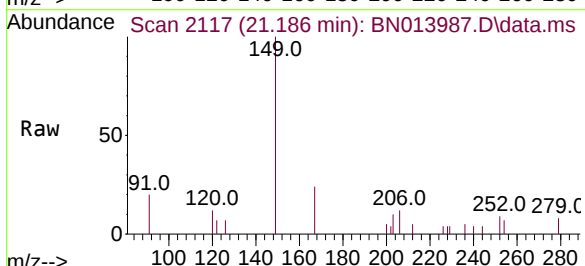
RT: 21.186 min Scan# 2117

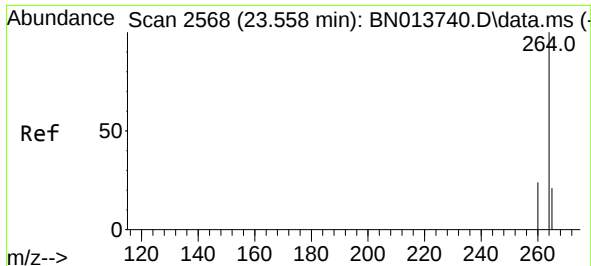
Delta R.T. -0.000 min

Lab File: BN013987.D

Acq: 18 Mar 2021 18:07

Tgt Ion:	149	Resp:	1377
Ion Ratio	Lower	Upper	
149	100		
167	28.8	22.1	33.1
279	5.7	3.5	5.3

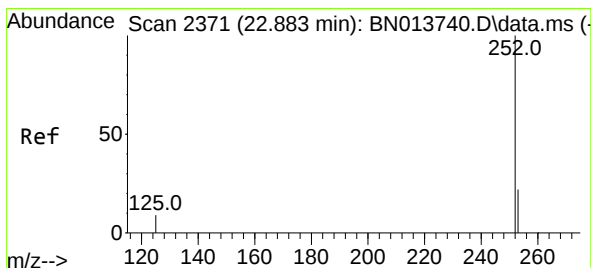
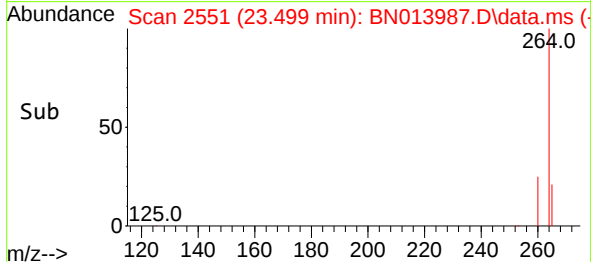
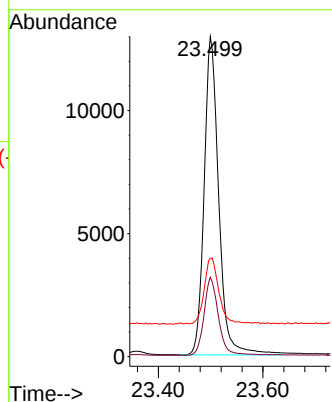
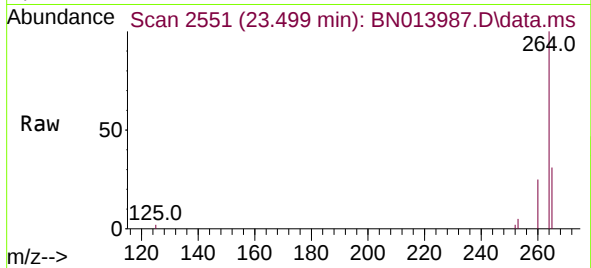




#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.499 min Scan# 2551
 Delta R.T. -0.000 min
 Lab File: BN013987.D
 Acq: 18 Mar 2021 18:07

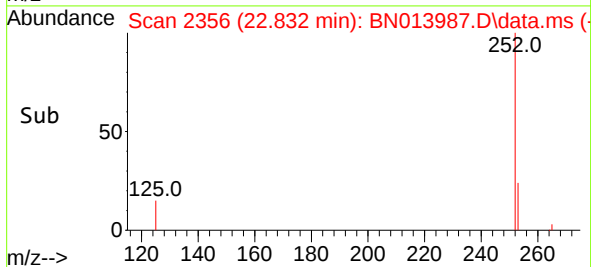
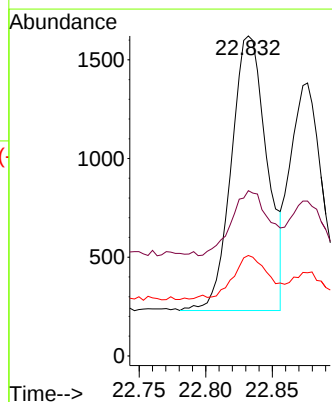
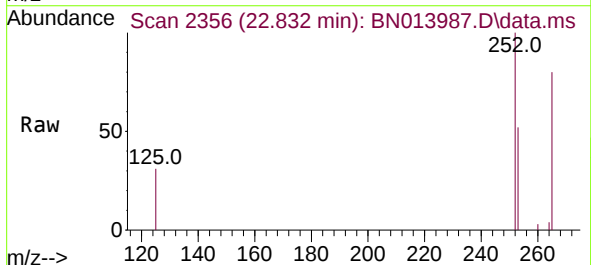
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-209-219-031721DL

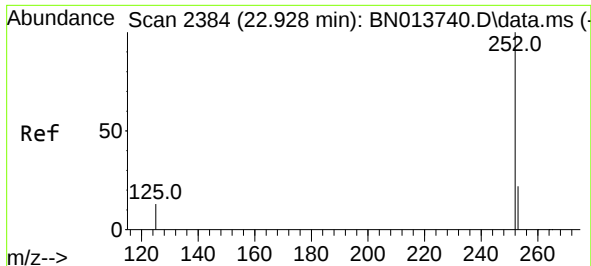
Tgt Ion:264	Resp:	25021
Ion Ratio	Lower	Upper
264	100	
260	24.8	19.3 28.9
265	30.7	66.2 99.4#



#37
 Benzo(b)fluoranthene
 Concen: 0.03 ng
 RT: 22.832 min Scan# 2356
 Delta R.T. 0.003 min
 Lab File: BN013987.D
 Acq: 18 Mar 2021 18:07

Tgt Ion:252	Resp:	2601
Ion Ratio	Lower	Upper
252	100	
253	51.6	20.4 30.6#
125	31.4	11.6 17.4#

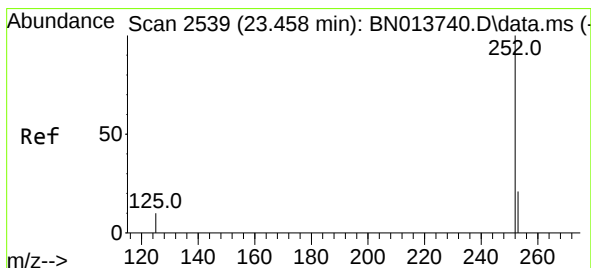
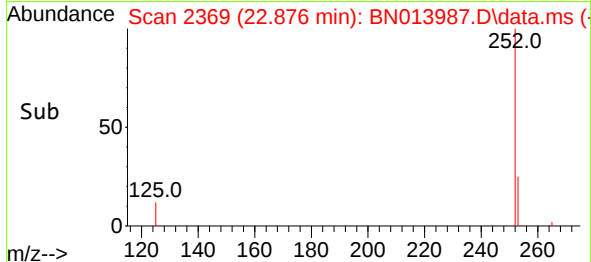
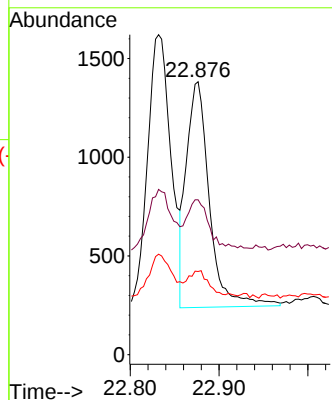
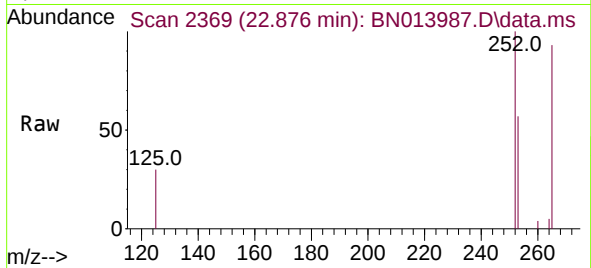




#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.876 min Scan# 2369
Delta R.T. 0.003 min
Lab File: BN013987.D
Acq: 18 Mar 2021 18:07

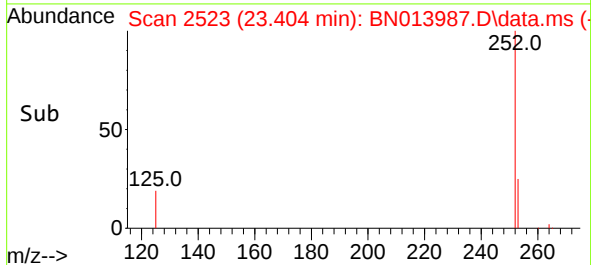
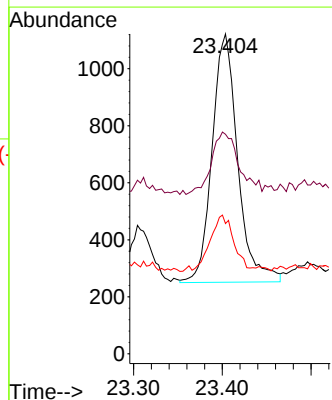
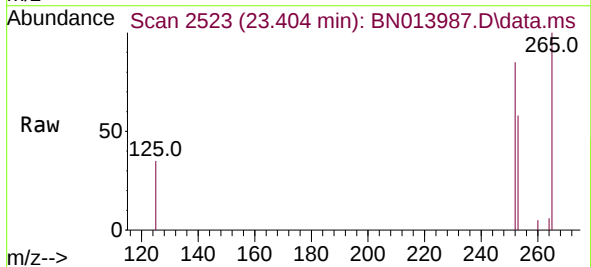
Instrument :
BNA_N
ClientSampleId :
GWBR3-209-219-031721DL

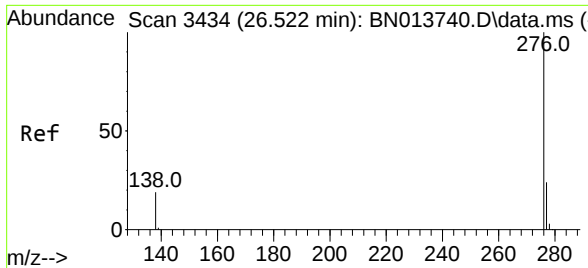
Tgt Ion:252 Resp: 2060
Ion Ratio Lower Upper
252 100
253 56.7 20.5 30.7#
125 30.4 12.3 18.5#



#39
Benzo(a)pyrene
Concen: 0.02 ng
RT: 23.404 min Scan# 2523
Delta R.T. 0.003 min
Lab File: BN013987.D
Acq: 18 Mar 2021 18:07

Tgt Ion:252 Resp: 1744
Ion Ratio Lower Upper
252 100
253 68.6 21.8 32.6#
125 40.7 14.6 21.8#





#41
Benzo(g,h,i)perylene
Concen: 0.02 ng
RT: 26.419 min Scan# 3404
Delta R.T. -0.000 min
Lab File: BN013987.D
Acq: 18 Mar 2021 18:07

Instrument :
BNA_N
ClientSampleId :
GWBR3-209-219-031721DL

Tgt Ion:276 Resp: 1621
Ion Ratio Lower Upper
276 100
277 33.2 20.0 30.0#
138 32.3 17.8 26.8#

