

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022221\
 Data File : BN013728.D
 Acq On : 22 Feb 2021 13:28
 Operator : CG/JU
 Sample : M1457-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-54-70-021821

Quant Time: Feb 22 14:02:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 18 10:50:10 2021
 Response via : Initial Calibration

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

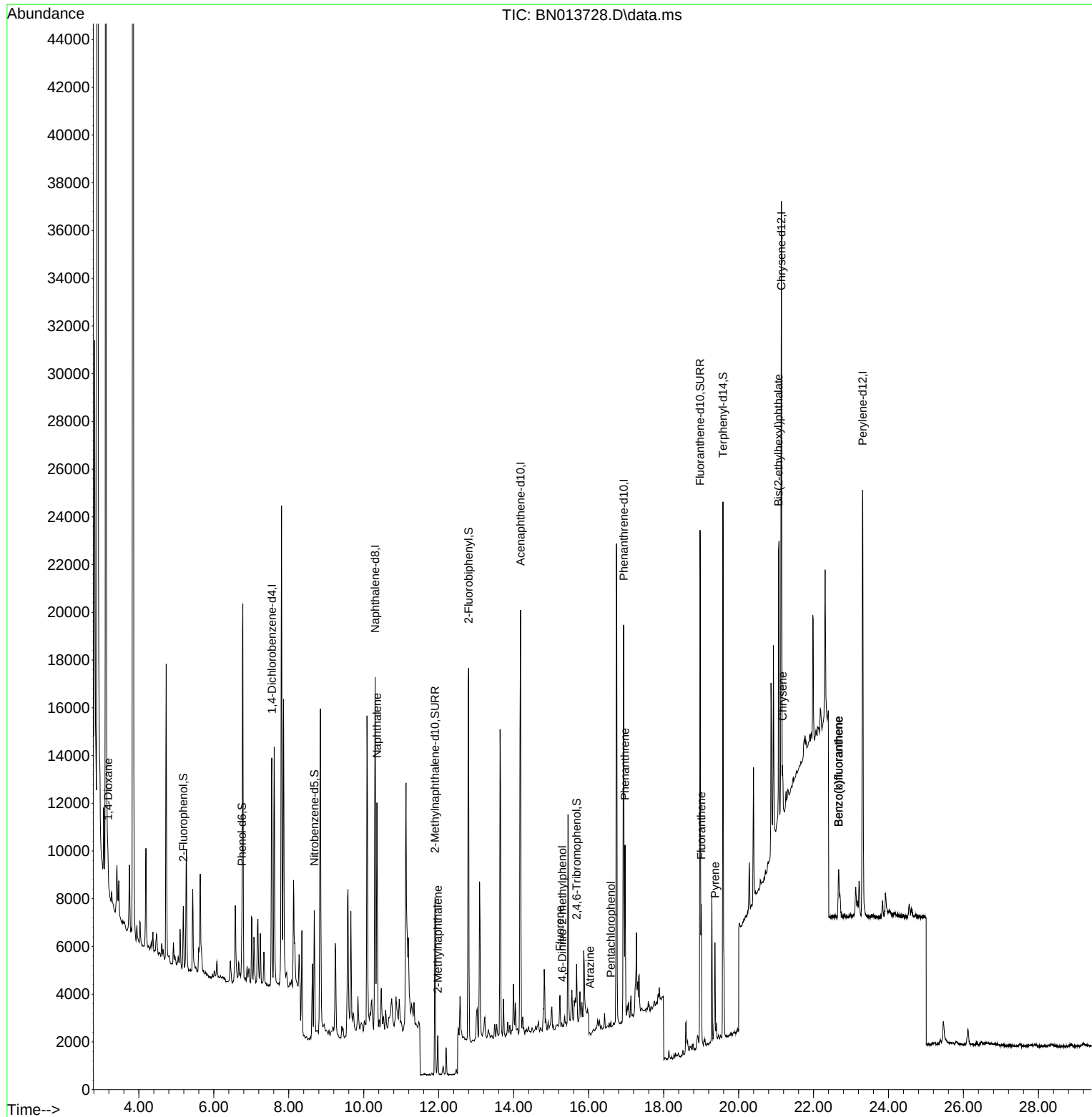
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	4513	0.40	ng	0.00
7) Naphthalene-d8	10.302	136	18152	0.40	ng	0.00
13) Acenaphthene-d10	14.181	164	10570	0.40	ng	0.00
19) Phenanthrene-d10	16.933	188	22074	0.40	ng	# 0.00
29) Chrysene-d12	21.141	240	22928	0.40	ng	0.01
36) Perylene-d12	23.308	264	23168	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.188	112	2032	0.21	ng	0.00
5) Phenol-d6	6.750	99	1453	0.12	ng	0.02
8) Nitrobenzene-d5	8.680	82	4296	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.902	152	9959	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.678	330	1679	0.56	ng	0.00
15) 2-Fluorobiphenyl	12.798	172	14798	0.37	ng	0.00
27) Fluoranthene-d10	18.972	212	23347	0.39	ng	0.00
31) Terphenyl-d14	19.583	244	21615	0.42	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.182	88	461	0.09	ng	# 1
9) Naphthalene	10.353	128	11456	0.26	ng	98
12) 2-Methylnaphthalene	11.977	142	1103	0.04	ng	# 91
18) Fluorene	15.234	166	773	0.02	ng	97
20) 4,6-Dinitro-2-methylph...	15.298	198	41	0.16	ng	# 1
23) Atrazine	16.033	200	314	0.04	ng	# 1
24) Pentachlorophenol	16.592	266	116	0.23	ng	# 71
25) Phenanthrene	16.970	178	7088	0.12	ng	98
28) Fluoranthene	19.002	202	5111	0.08	ng	# 97
30) Pyrene	19.369	202	3722	0.05	ng	# 96
33) Chrysene	21.173	228	1989	0.03	ng	# 70
34) Bis(2-ethylhexyl)phtha...	21.067	149	12390	0.69	ng	97
37) Benzo(b)fluoranthene	22.665	252	2560	0.03	ng	# 1
38) Benzo(k)fluoranthene	22.665	252	2560	0.03	ng	# 1

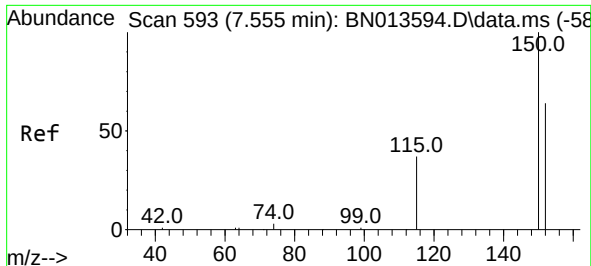
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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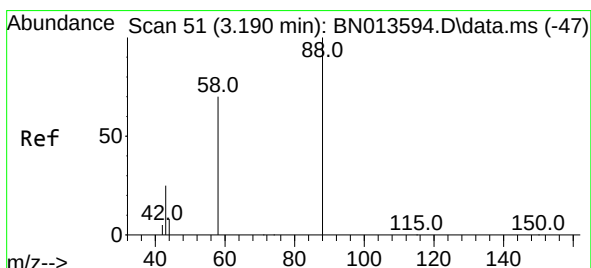
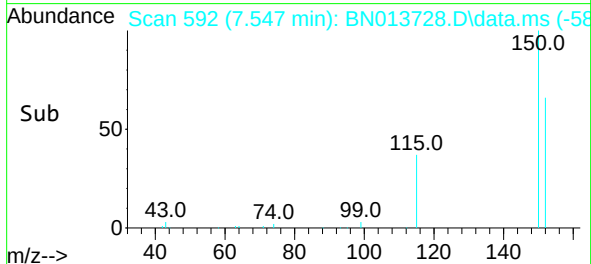
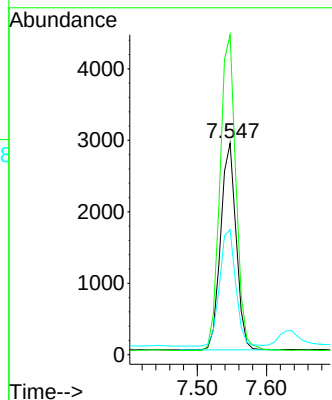
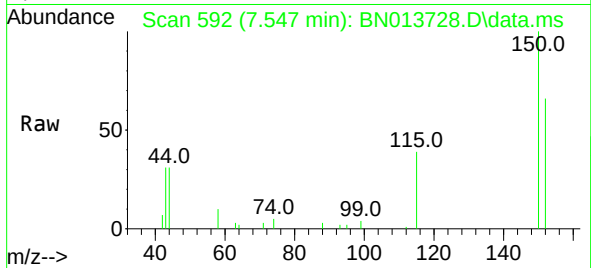




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.547 min Scan# 592
 Delta R.T. 0.000 min
 Lab File: BN013728.D
 Acq: 22 Feb 2021 13:28

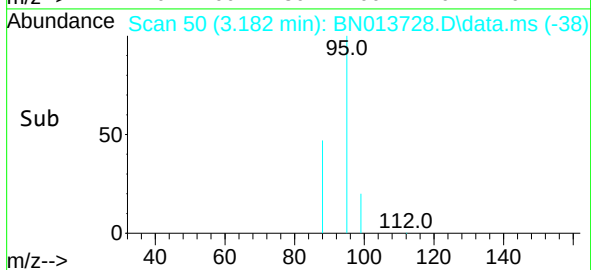
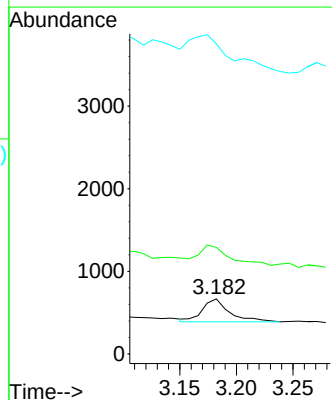
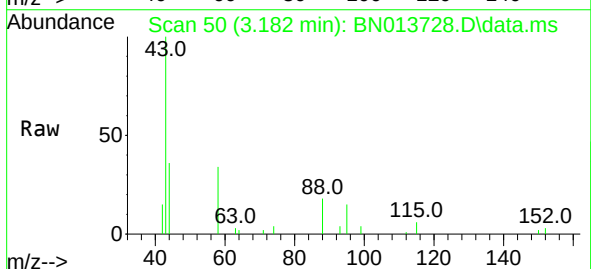
Instrument :
 BNA_N
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 GWBR1-54-70-021821

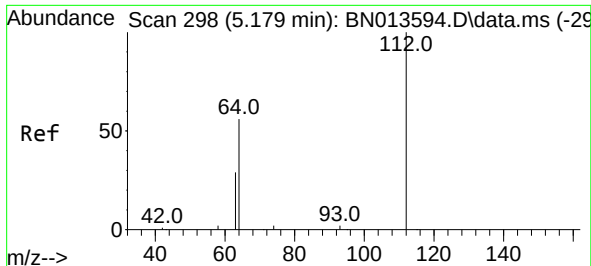
Tgt Ion:152 Resp: 4513
 Ion Ratio Lower Upper
 152 100
 150 151.3 121.8 182.8
 115 59.2 46.6 69.8



#2
 1,4-Dioxane
 Concen: 0.09 ng
 RT: 3.182 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BN013728.D
 Acq: 22 Feb 2021 13:28

Tgt Ion: 88 Resp: 461
 Ion Ratio Lower Upper
 88 100
 58 80.3 64.6 96.8
 43 261.2 26.6 40.0#

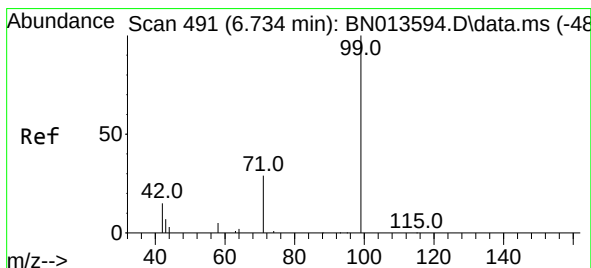
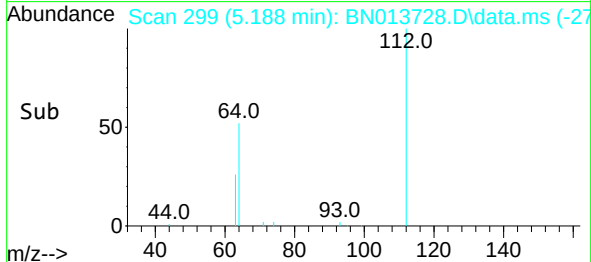
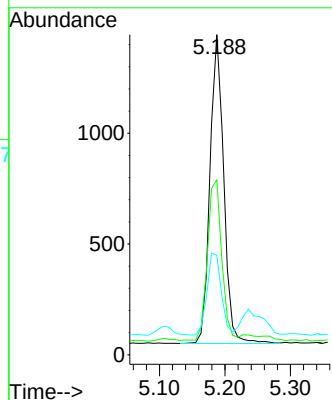
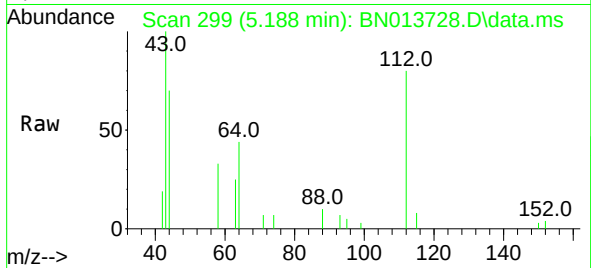




#4
2-Fluorophenol
Concen: 0.21 ng
RT: 5.188 min Scan# 299
Delta R.T. 0.008 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

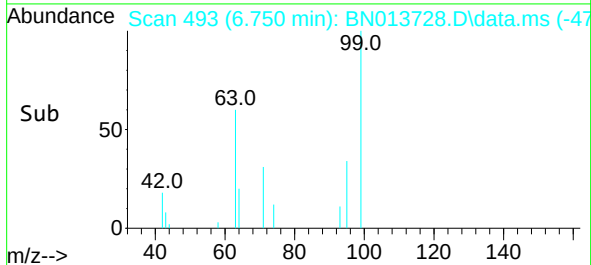
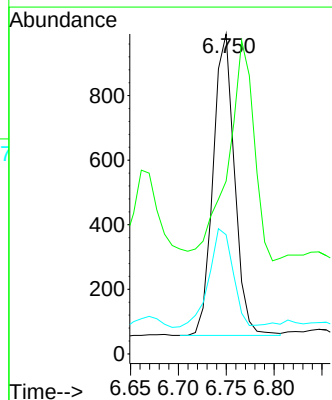
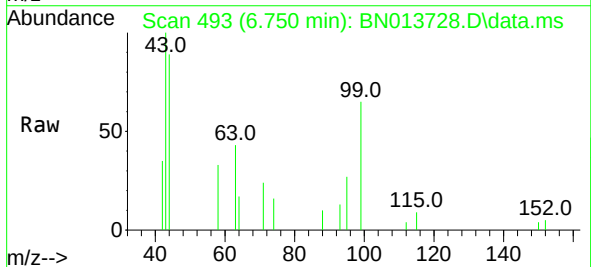
Instrument :
BNA_N
ClientSampleId :
GWBR1-54-70-021821

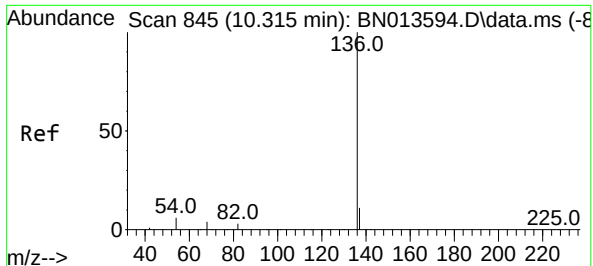
Tgt Ion:112 Resp: 2032
Ion Ratio Lower Upper
112 100
64 53.6 44.3 66.5
63 27.5 23.0 34.6



#5
Phenol-d6
Concen: 0.12 ng
RT: 6.750 min Scan# 493
Delta R.T. 0.024 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

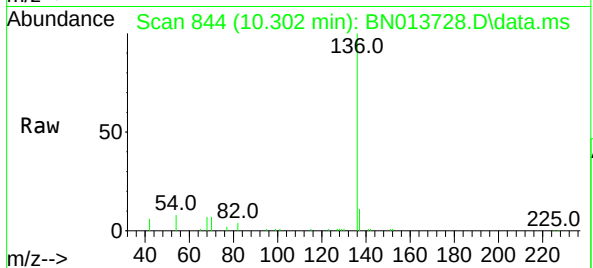
Tgt Ion: 99 Resp: 1453
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 37.1 26.1 39.1



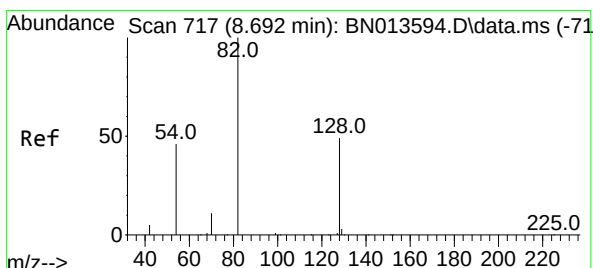
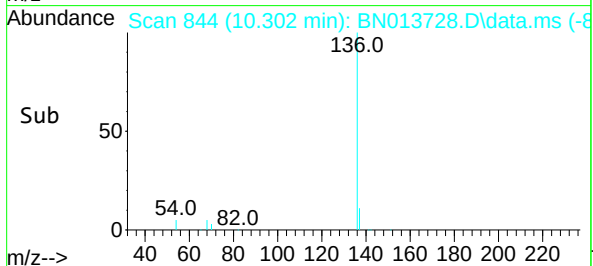
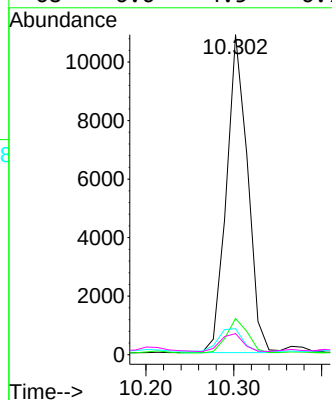


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.302 min Scan# 844
Delta R.T. -0.000 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

Instrument :
BNA_N
ClientSampleId :
GWBR1-54-70-021821

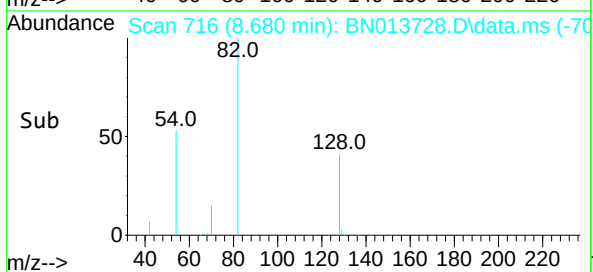
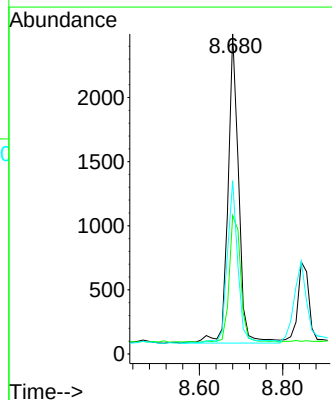
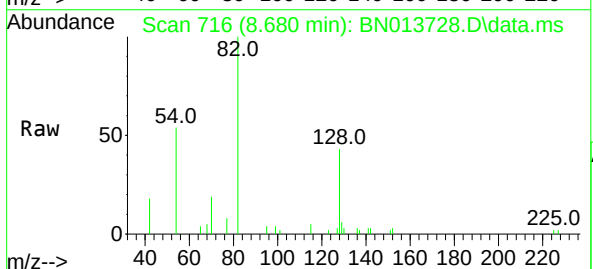


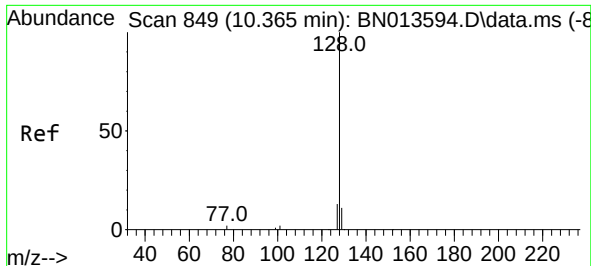
Tgt Ion:	136	Resp:	18152
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	8.1	6.4	9.6
68	6.6	4.5	6.7



#8
Nitrobenzene-d5
Concen: 0.43 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.000 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

Tgt Ion:	82	Resp:	4296
Ion Ratio	Lower	Upper	
82	100		
128	43.2	39.2	58.8
54	54.2	40.1	60.1

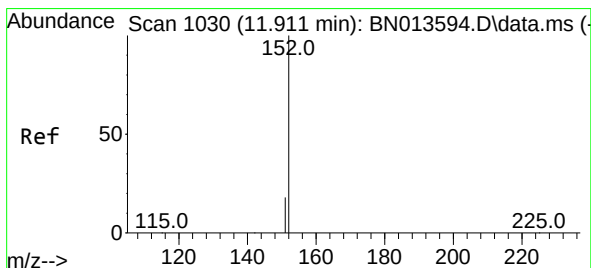
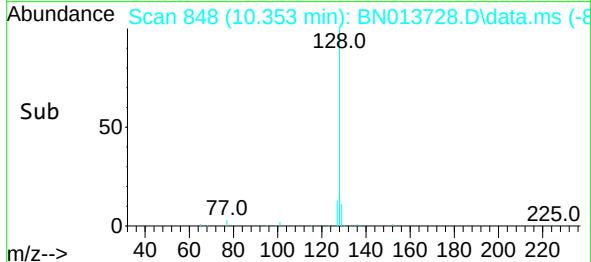
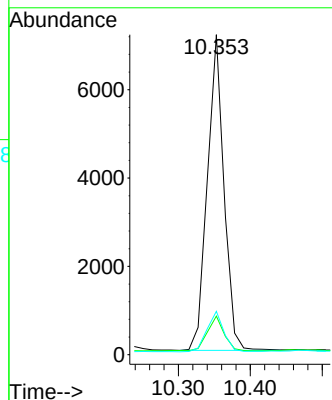
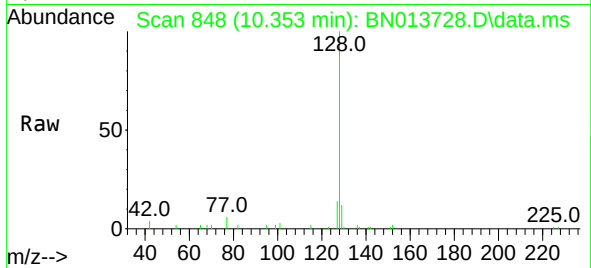




#9
Naphthalene
Concen: 0.26 ng
RT: 10.353 min Scan# 848
Delta R.T. -0.000 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

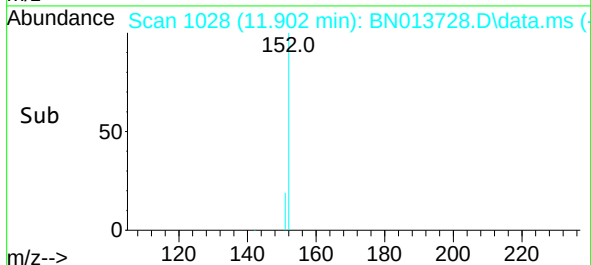
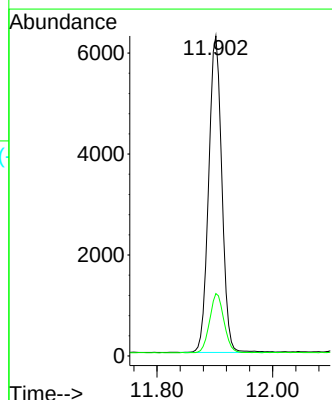
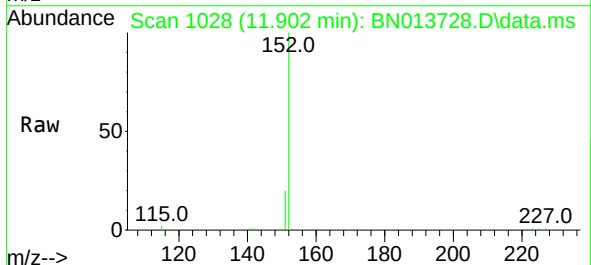
Instrument :
BNA_N
ClientSampleId :
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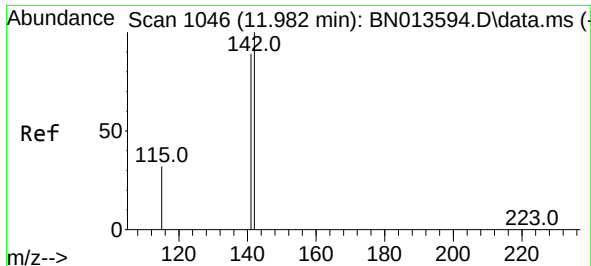
Tgt Ion:128	Resp:	11456
Ion Ratio	Lower	Upper
128	100	
129	12.0	9.0 13.4
127	13.6	10.4 15.6



#11
2-Methylnaphthalene-d10
Concen: 0.35 ng
RT: 11.902 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

Tgt Ion:152	Resp:	9959
Ion Ratio	Lower	Upper
152	100	
151	20.3	16.2 24.2

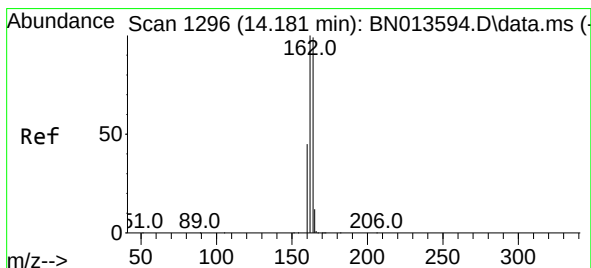
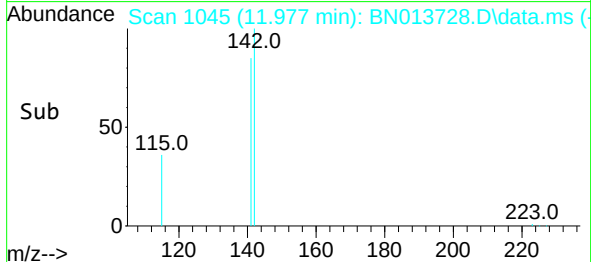
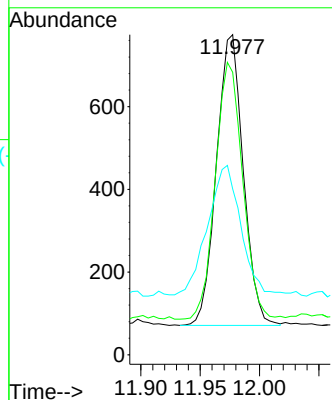
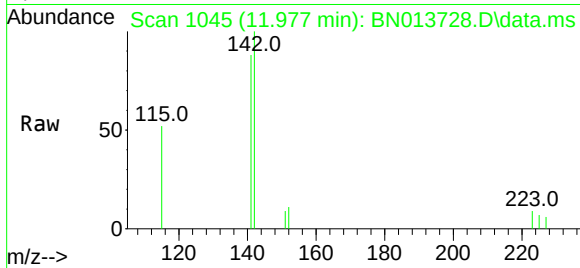




#12
2-Methylnaphthalene
Concen: 0.04 ng
RT: 11.977 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

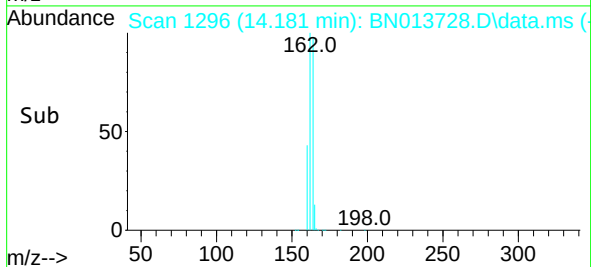
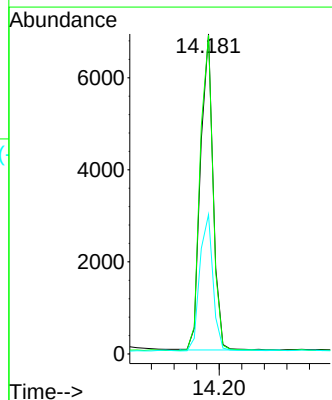
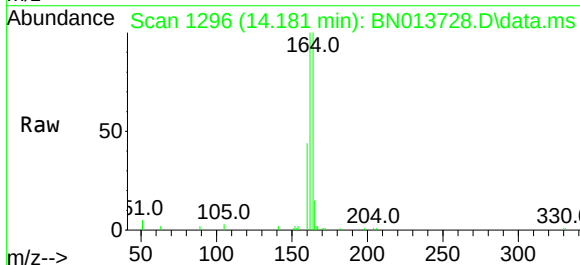
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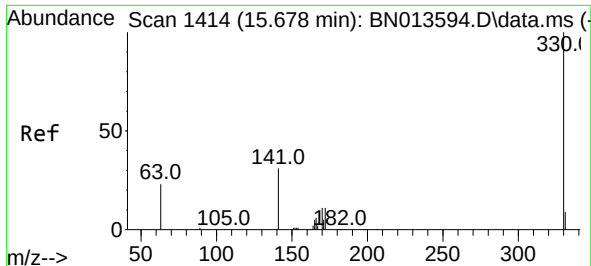
Tgt Ion:142 Resp: 1103
Ion Ratio Lower Upper
142 100
141 88.2 70.5 105.7
115 51.8 27.4 41.0#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

Tgt Ion:164 Resp: 10570
Ion Ratio Lower Upper
164 100
162 99.6 79.6 119.4
160 43.5 36.0 54.0

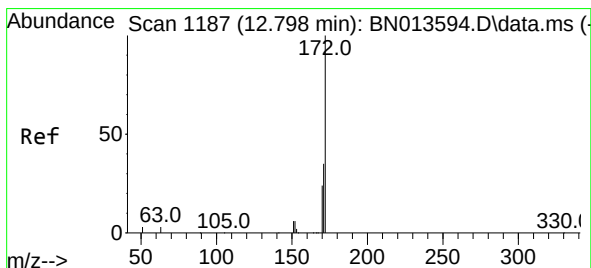
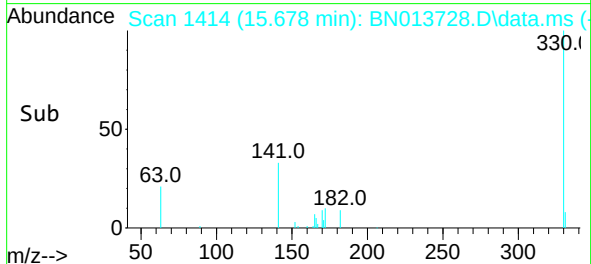
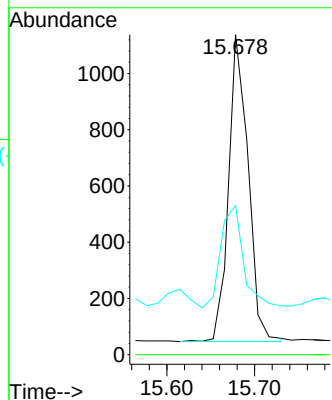
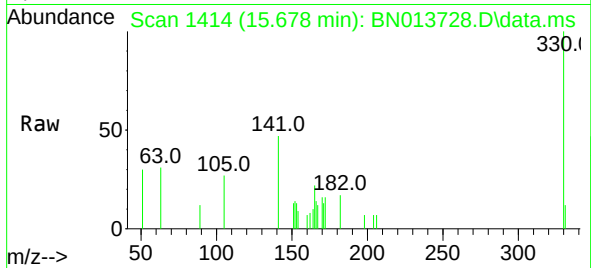




#14
2,4,6-Tribromophenol
Concen: 0.56 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

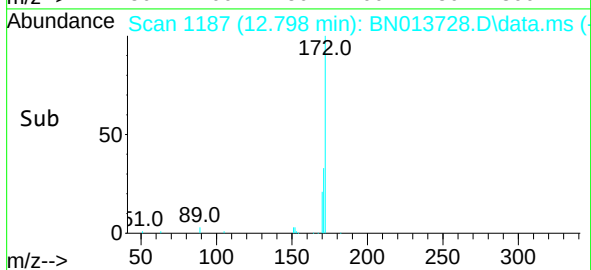
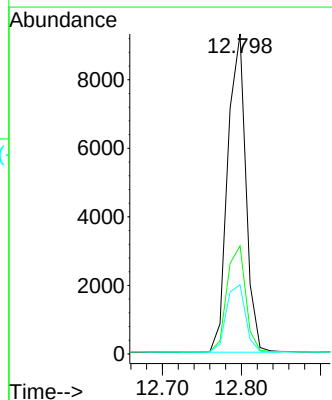
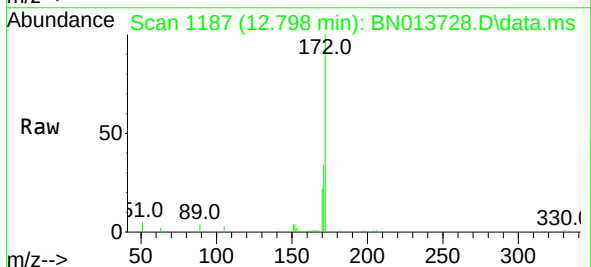
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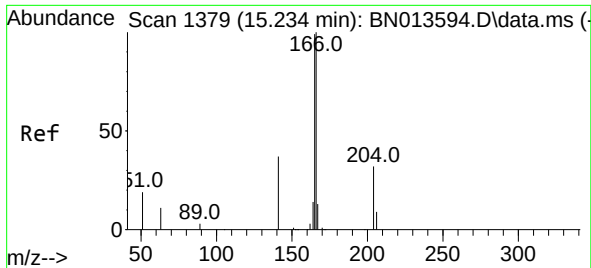
Tgt Ion:330 Resp: 1679
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.2 26.8 40.2



#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

Tgt Ion:172 Resp: 14798
Ion Ratio Lower Upper
172 100
171 33.8 28.6 42.8
170 21.6 18.9 28.3

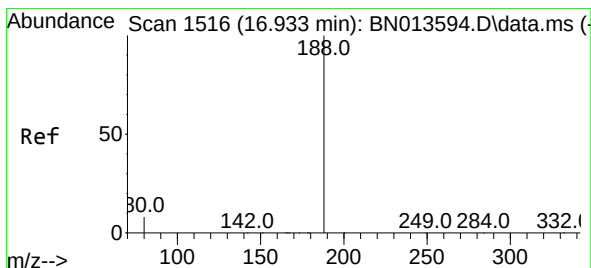
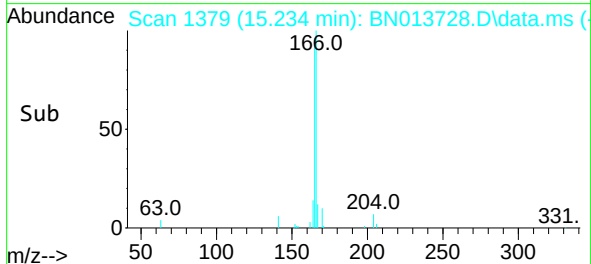
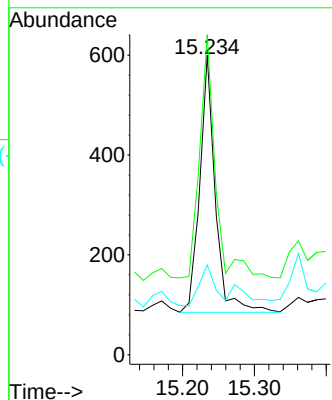
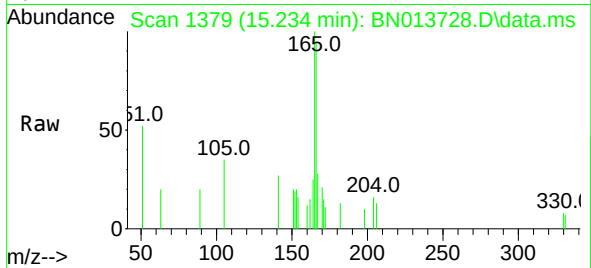




#18
Fluorene
Concen: 0.02 ng
RT: 15.234 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

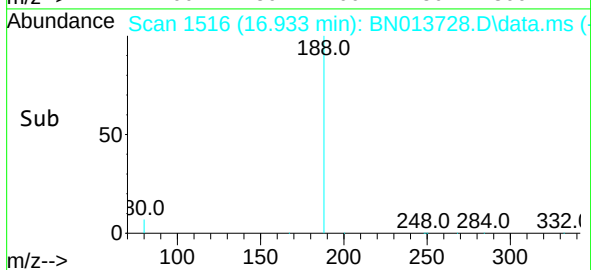
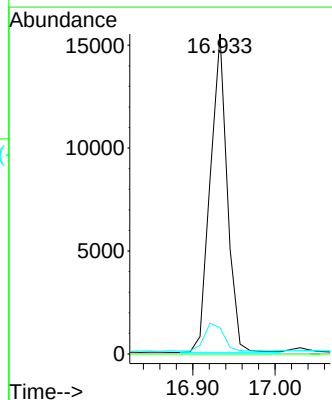
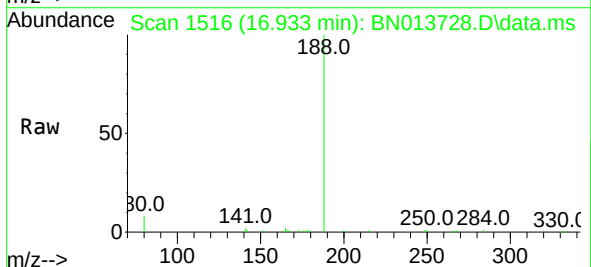
Instrument :
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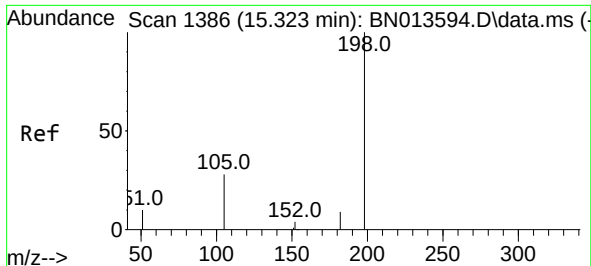
Tgt Ion:166 Resp: 773
Ion Ratio Lower Upper
166 100
165 94.4 77.8 116.8
167 15.9 10.6 16.0



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.933 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

Tgt Ion:188 Resp: 22074
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 9.0 13.6#

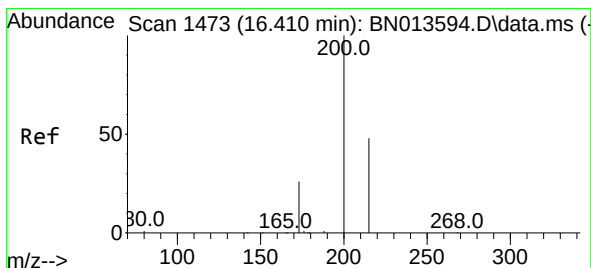
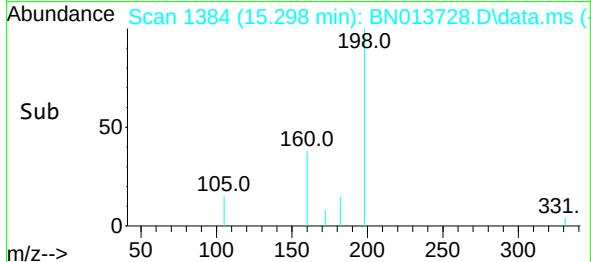
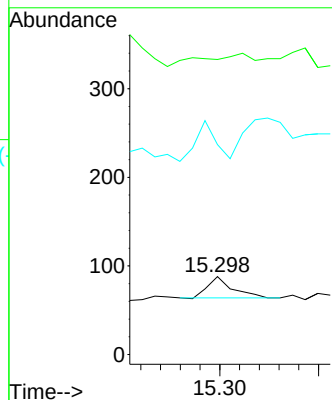
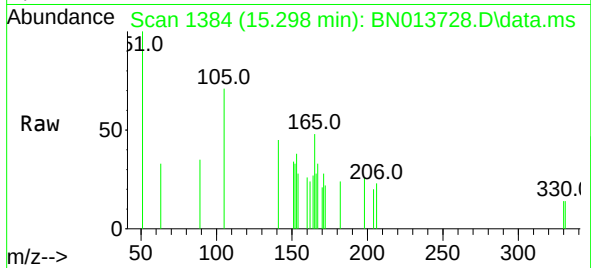




#20
4,6-Dinitro-2-methylphenol
Concen: 0.16 ng
RT: 15.298 min Scan# 1384
Delta R.T. -0.026 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

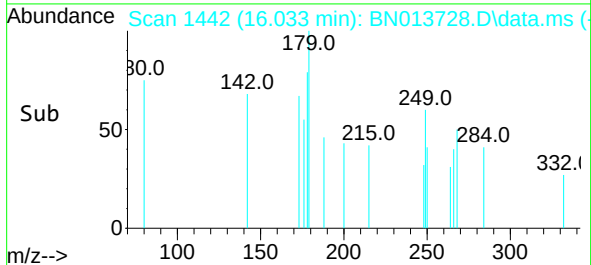
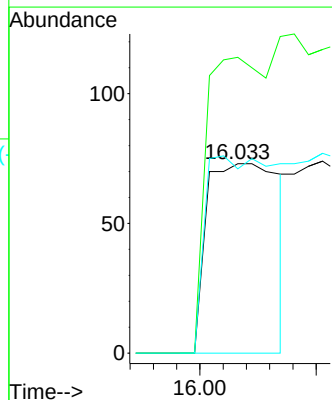
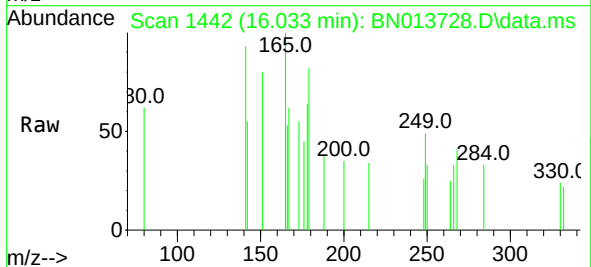
Instrument :
BNA_N
ClientSampleId :
GWBR1-54-70-021821

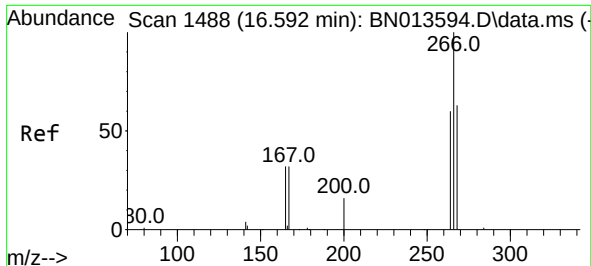
Tgt Ion:198 Resp: 41
Ion Ratio Lower Upper
198 100
51 378.4 61.7 92.5#
105 269.3 33.0 49.6#



#23
Atrazine
Concen: 0.04 ng
RT: 16.033 min Scan# 1442
Delta R.T. -0.377 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

Tgt Ion:200 Resp: 314
Ion Ratio Lower Upper
200 100
173 156.2 18.6 28.0#
215 97.3 41.0 61.6#

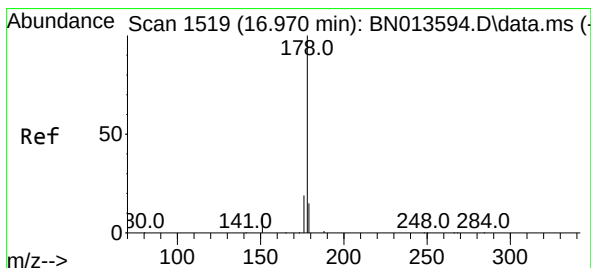
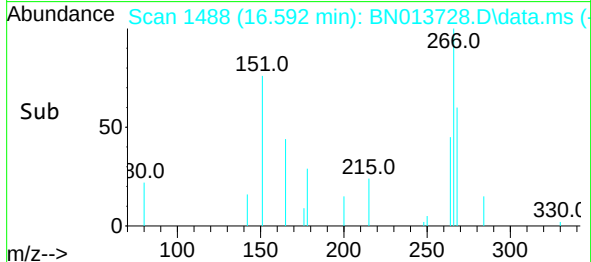
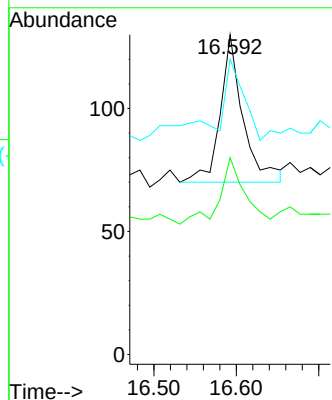
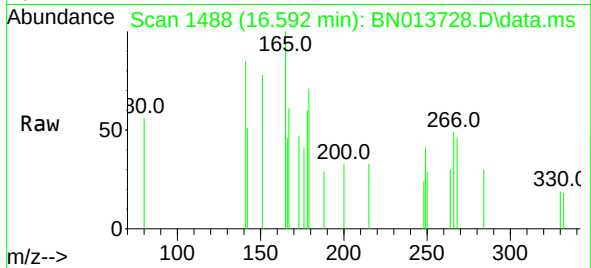




#24
Pentachlorophenol
Concen: 0.23 ng
RT: 16.592 min Scan# 1488
Delta R.T. 0.012 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

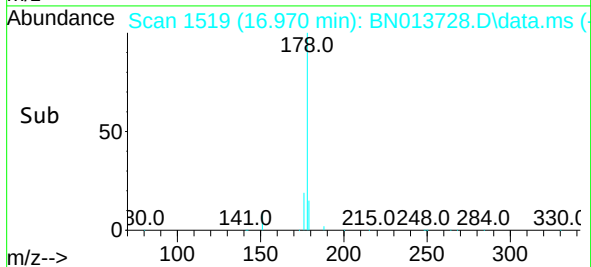
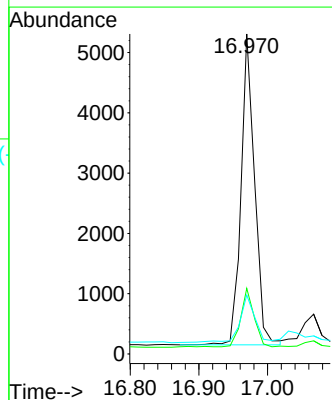
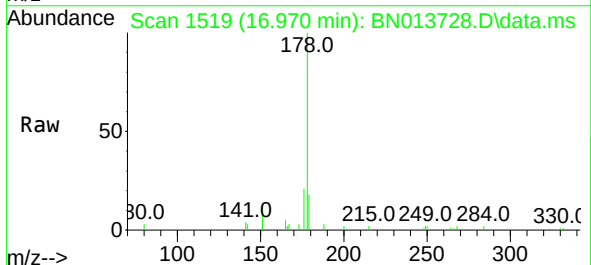
Instrument :
BNA_N
ClientSampleId :
GWBR1-54-70-021821

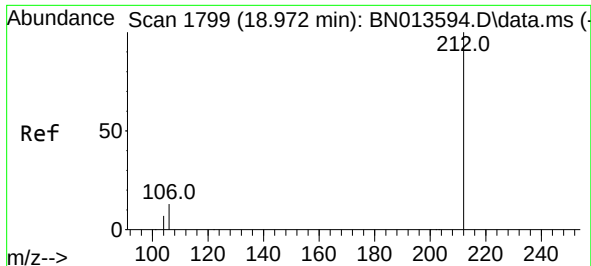
Tgt Ion:266 Resp: 116
Ion Ratio Lower Upper
266 100
264 50.0 51.6 77.4#
268 36.2 54.6 82.0#



#25
Phenanthrene
Concen: 0.12 ng
RT: 16.970 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

Tgt Ion:178 Resp: 7088
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 16.7 12.3 18.5

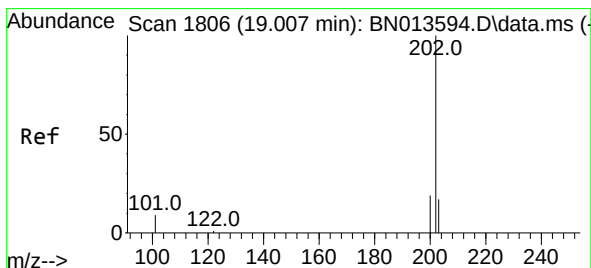
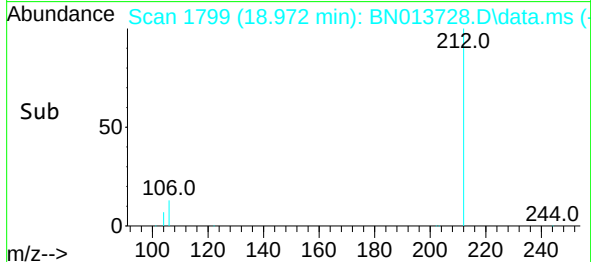
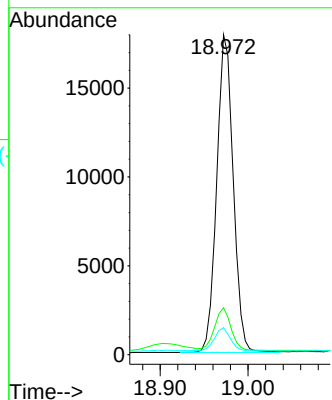
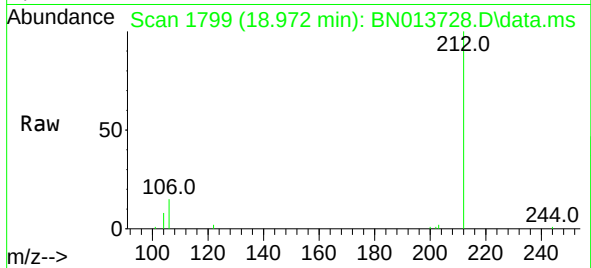




#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 18.972 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

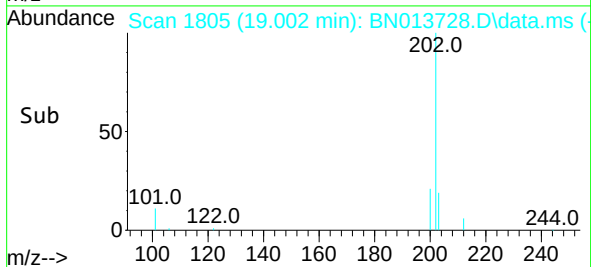
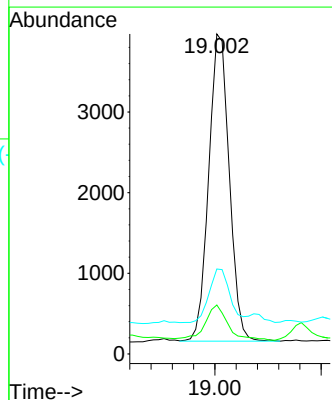
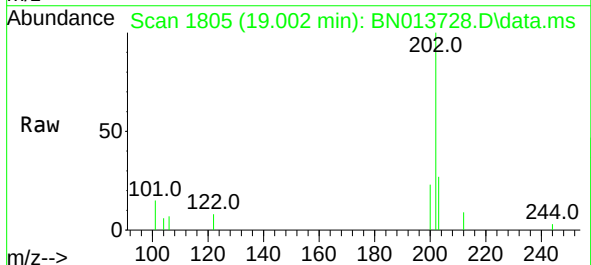
Instrument :
BNA_N
ClientSampleId :
GWBR1-54-70-021821

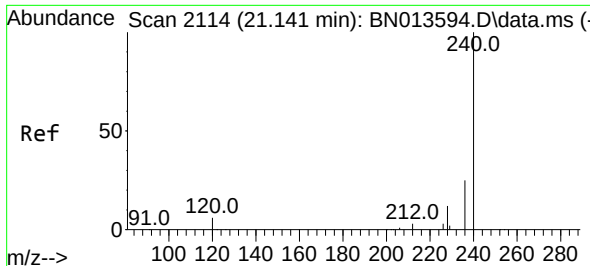
Tgt Ion:212 Resp: 23347
Ion Ratio Lower Upper
212 100
106 13.5 9.7 14.5
104 7.0 5.5 8.3



#28
Fluoranthene
Concen: 0.08 ng
RT: 19.002 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

Tgt Ion:202 Resp: 5111
Ion Ratio Lower Upper
202 100
101 12.6 8.1 12.1#
203 17.4 13.9 20.9

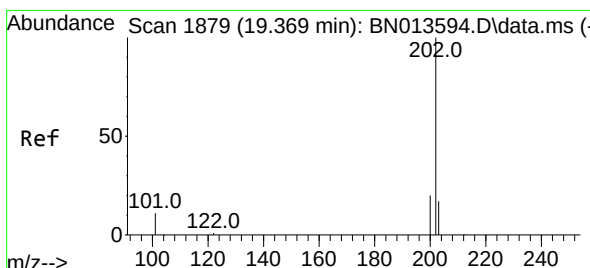
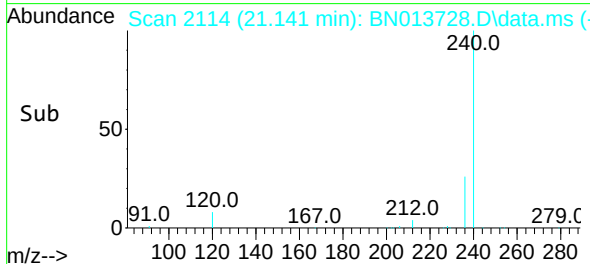
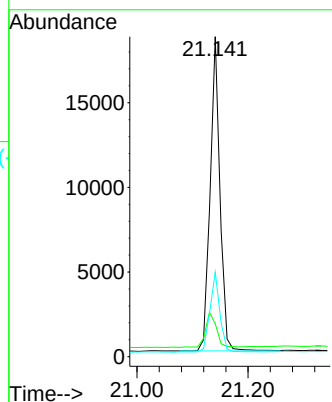
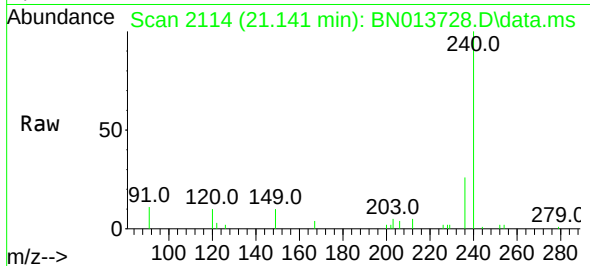




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.141 min Scan# 2114
Delta R.T. 0.010 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

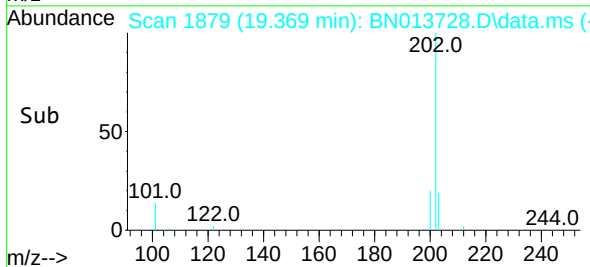
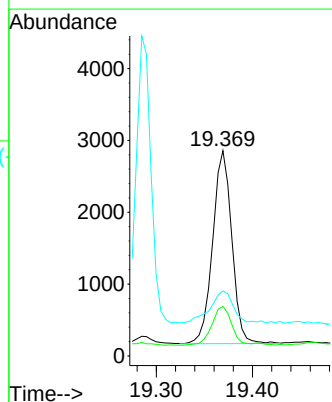
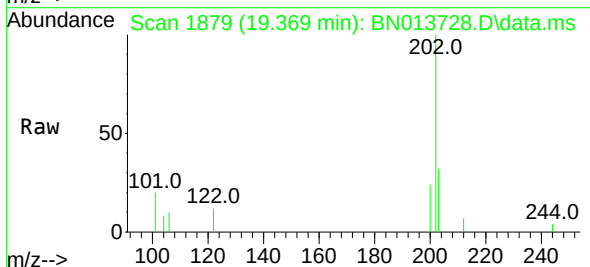
Instrument :
BNA_N
ClientSampleId :
GWBR1-54-70-021821

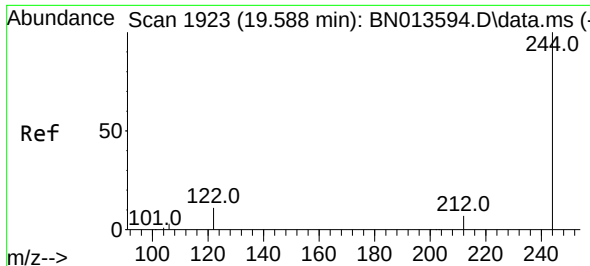
Tgt Ion:240	Resp:	22928
Ion Ratio	Lower	Upper
240	100	
120	10.3	10.2 15.4
236	26.4	21.3 31.9



#30
Pyrene
Concen: 0.05 ng
RT: 19.369 min Scan# 1879
Delta R.T. 0.005 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

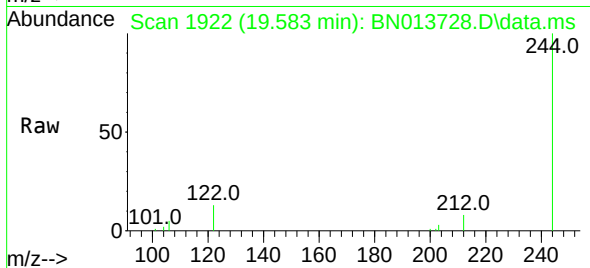
Tgt Ion:202	Resp:	3722
Ion Ratio	Lower	Upper
202	100	
200	20.8	16.3 24.5
203	21.2	14.0 21.0#



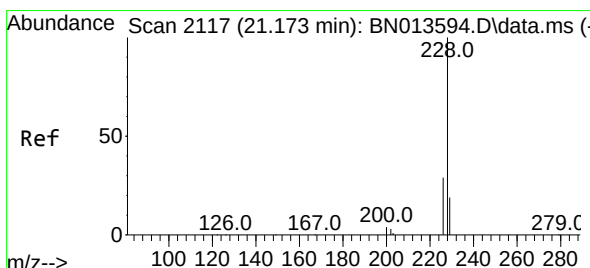
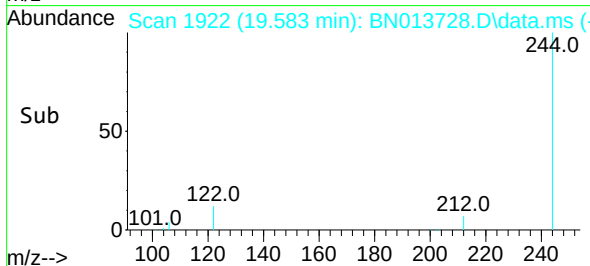
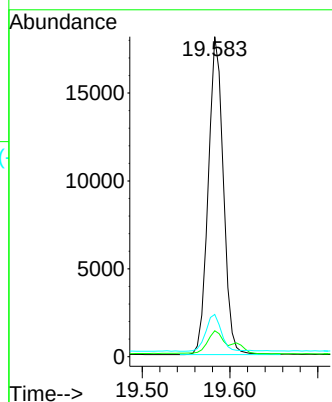


#31
Terphenyl-d14
Concen: 0.42 ng
RT: 19.583 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

Instrument :
BNA_N
ClientSampleId :
GWBR1-54-70-021821

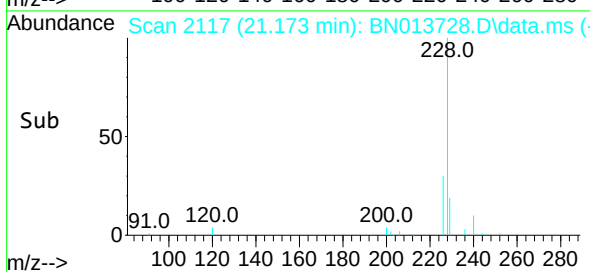
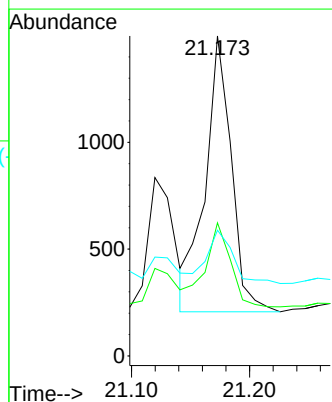
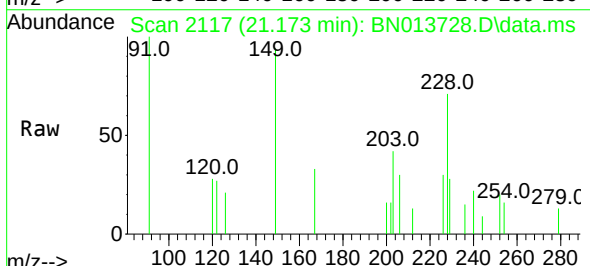


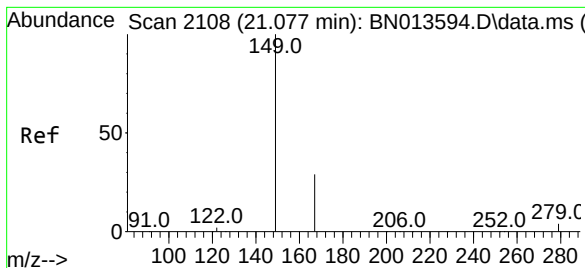
Tgt Ion:244 Resp: 21615
Ion Ratio Lower Upper
244 100
212 8.1 6.1 9.1
122 13.2 9.8 14.8



#33
Chrysene
Concen: 0.03 ng
RT: 21.173 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

Tgt Ion:228 Resp: 1989
Ion Ratio Lower Upper
228 100
226 41.6 24.3 36.5#
229 39.3 15.1 22.7#

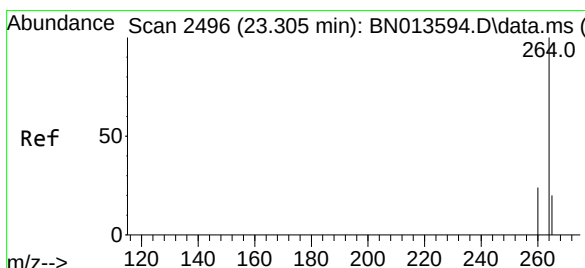
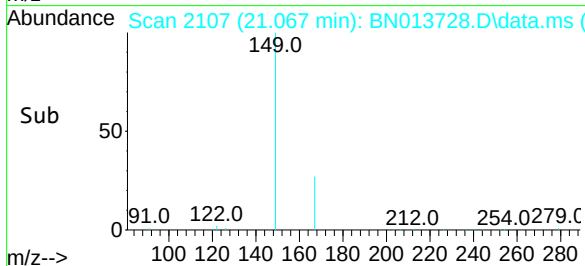
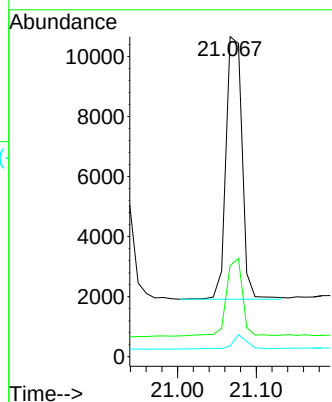
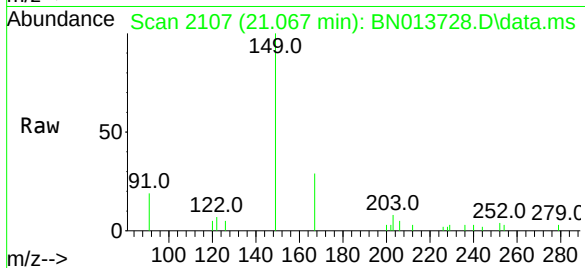




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.69 ng
 RT: 21.067 min Scan# 2107
 Delta R.T. -0.000 min
 Lab File: BN013728.D
 Acq: 22 Feb 2021 13:28

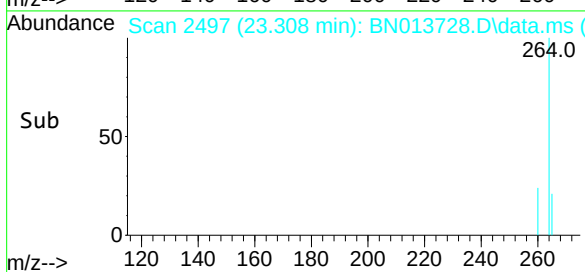
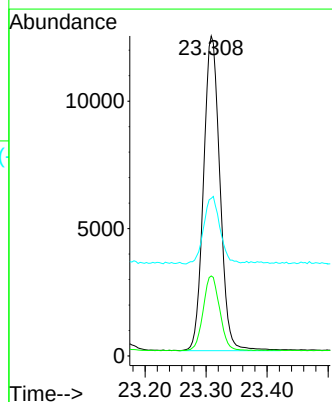
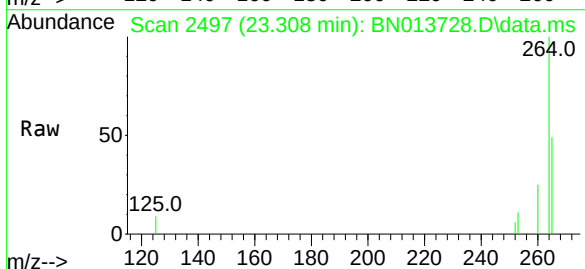
Instrument :
 BNA_N
 ClientSampleId :
 GWBR1-54-70-021821

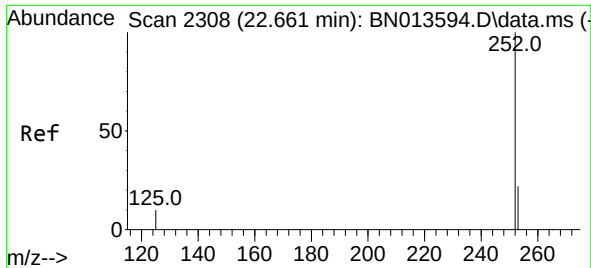
Tgt Ion:149 Resp: 12390
 Ion Ratio Lower Upper
 149 100
 167 29.1 22.1 33.1
 279 5.1 3.5 5.3



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.308 min Scan# 2497
 Delta R.T. 0.007 min
 Lab File: BN013728.D
 Acq: 22 Feb 2021 13:28

Tgt Ion:264 Resp: 23168
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.3 28.9
 265 49.3 66.2 99.4#

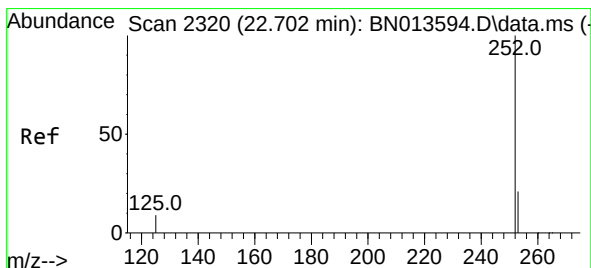
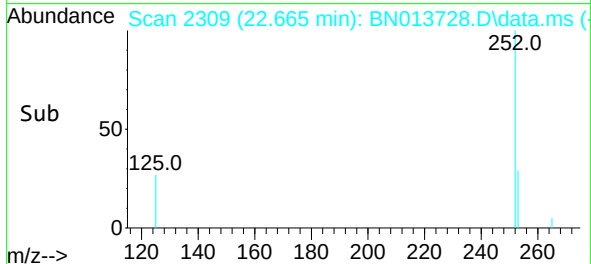
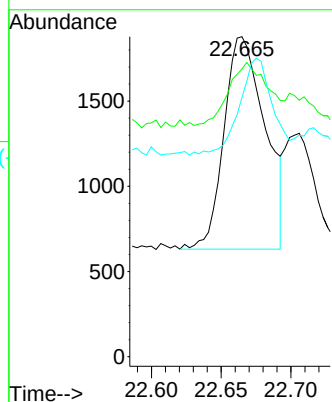
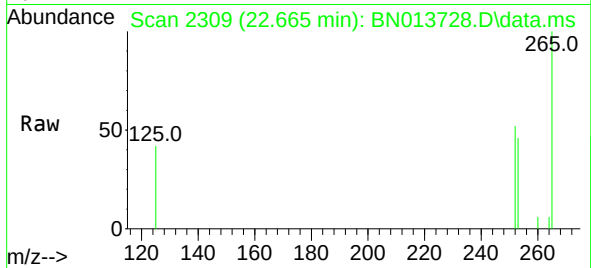




#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.665 min Scan# 2309
Delta R.T. 0.007 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

Instrument :
BNA_N
ClientSampleId :
GWBR1-54-70-021821

Tgt Ion:252 Resp: 2560
Ion Ratio Lower Upper
252 100
253 89.9 20.4 30.6#
125 81.0 11.6 17.4#



#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.665 min Scan# 2309
Delta R.T. -0.034 min
Lab File: BN013728.D
Acq: 22 Feb 2021 13:28

Tgt Ion:252 Resp: 2560
Ion Ratio Lower Upper
252 100
253 89.9 20.5 30.7#
125 81.0 12.3 18.5#

