

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040121\
 Data File : BN014180.D
 Acq On : 01 Apr 2021 15:58
 Operator : CG/JU
 Sample : M1890-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-175-185-033121

Quant Time: Apr 01 16:30:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 12:15:38 2021
 Response via : Initial Calibration

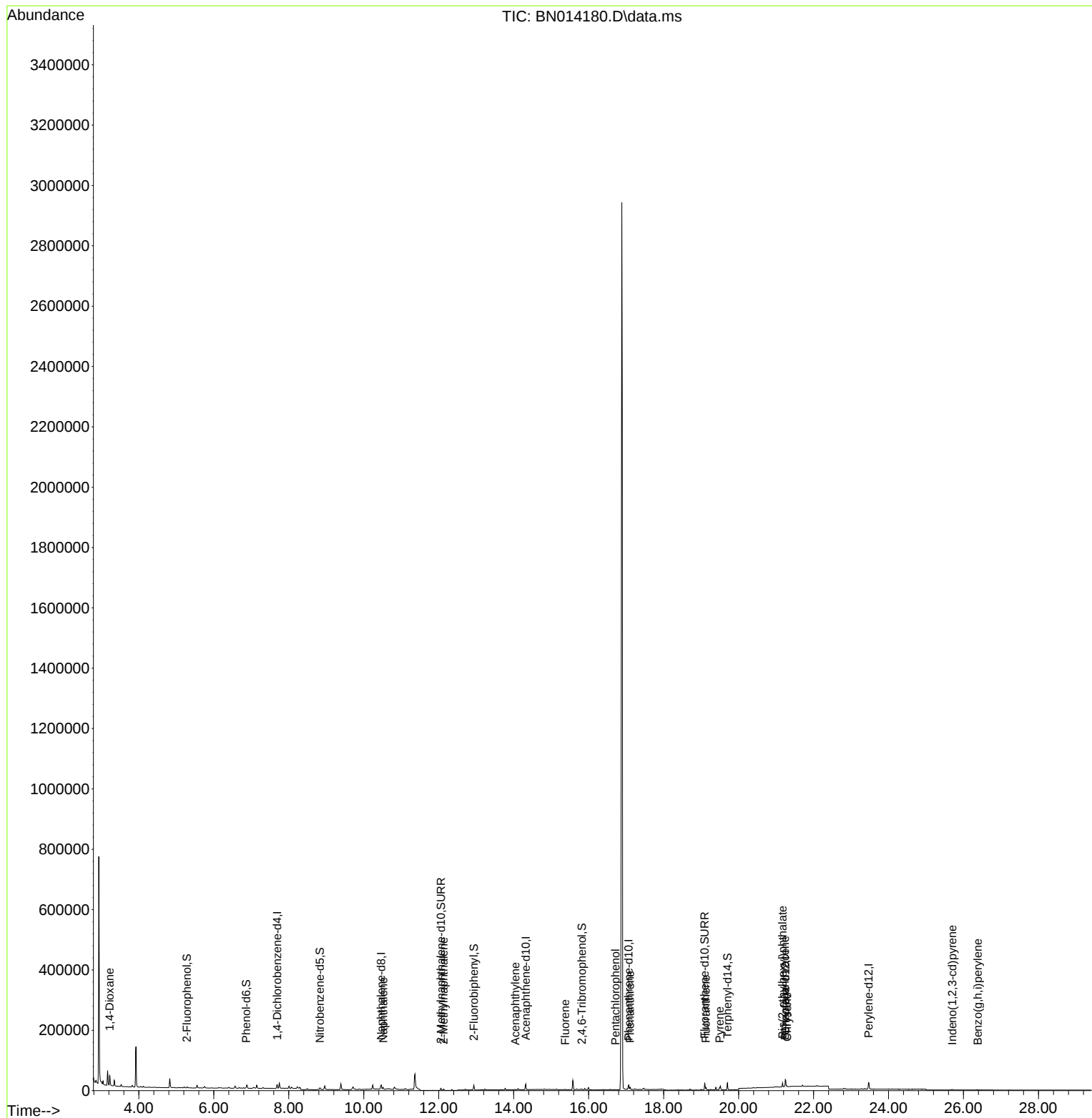
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	4998	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	18657	0.40	ng	# 0.00
13) Acenaphthene-d10	14.321	164	10414	0.40	ng	0.00
19) Phenanthrene-d10	17.067	188	20076	0.40	ng	# 0.00
29) Chrysene-d12	21.247	240	23837	0.40	ng	# 0.00
36) Perylene-d12	23.469	264	27856	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	2146	0.17	ng	0.00
5) Phenol-d6	6.863	99	1811	0.11	ng	0.00
8) Nitrobenzene-d5	8.832	82	4968	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.057	152	8939	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	1727	0.52	ng	0.01
15) 2-Fluorobiphenyl	12.938	172	12368	0.32	ng	0.00
27) Fluoranthene-d10	19.096	212	24582	0.47	ng	0.00
31) Terphenyl-d14	19.702	244	21393	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	20570	3.20	ng	# 94
9) Naphthalene	10.518	128	8441	0.18	ng	# 95
12) 2-Methylnaphthalene	12.129	142	3471	0.12	ng	# 95
16) Acenaphthylene	14.042	152	1226	0.03	ng	# 73
18) Fluorene	15.374	166	937	0.03	ng	# 81
24) Pentachlorophenol	16.714	266	159	0.04	ng	94
25) Phenanthrene	17.104	178	7283	0.14	ng	100
28) Fluoranthene	19.126	202	7056	0.13	ng	# 68
30) Pyrene	19.493	202	6486	0.08	ng	# 85
32) Benzo(a)anthracene	21.237	228	1743	0.03	ng	# 31
33) Chrysene	21.290	228	2146	0.03	ng	# 62
34) Bis(2-ethylhexyl)phtha...	21.173	149	10249	0.51	ng	99
35) Indeno(1,2,3-cd)pyrene	25.698	276	2144	0.03	ng	95
41) Benzo(g,h,i)perylene	26.382	276	2250	0.02	ng	# 40

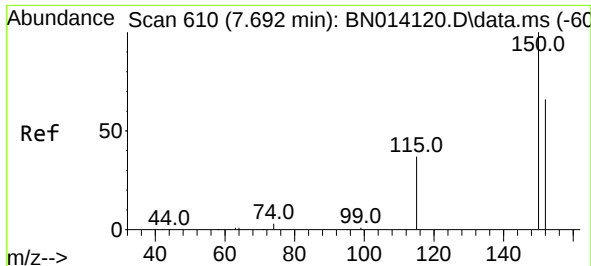
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040121\
Data File : BN014180.D
Acq On : 01 Apr 2021 15:58
Operator : CG/JU
Sample : M1890-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWR3-175-185-033121

Quant Time: Apr 01 16:30:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 12:15:38 2021
Response via : Initial Calibration

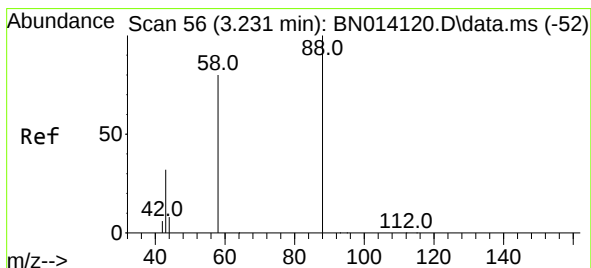
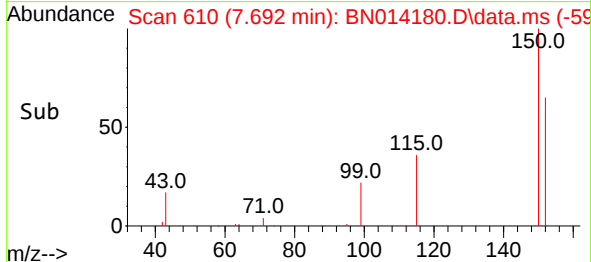
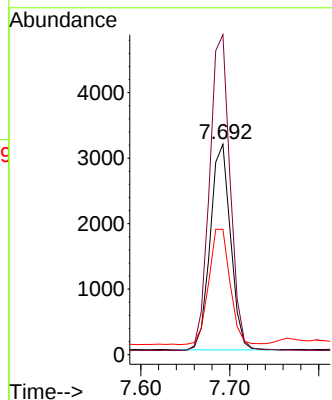
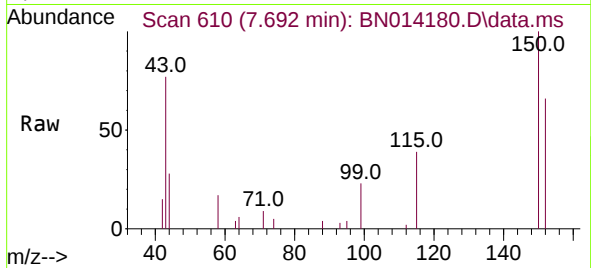




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.692 min Scan# 610
 Delta R.T. 0.008 min
 Lab File: BN014180.D
 Acq: 01 Apr 2021 15:58

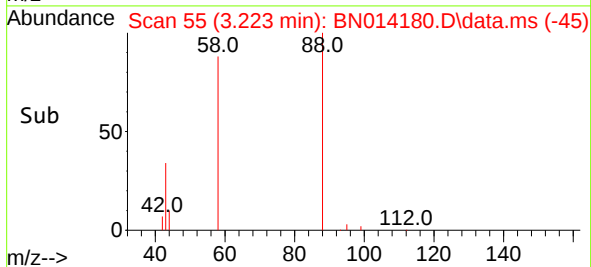
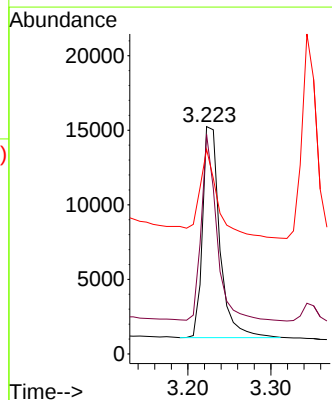
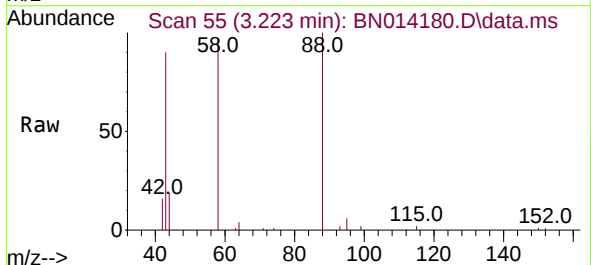
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-175-185-033121

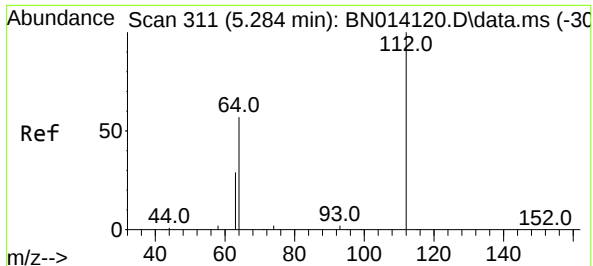
Tgt Ion:152 Resp: 4998
 Ion Ratio Lower Upper
 152 100
 150 152.0 121.2 181.8
 115 59.5 46.2 69.2



#2
 1,4-Dioxane
 Concen: 3.20 ng
 RT: 3.223 min Scan# 55
 Delta R.T. -0.016 min
 Lab File: BN014180.D
 Acq: 01 Apr 2021 15:58

Tgt Ion: 88 Resp: 20570
 Ion Ratio Lower Upper
 88 100
 58 78.4 63.1 94.7
 43 43.6 26.2 39.2#

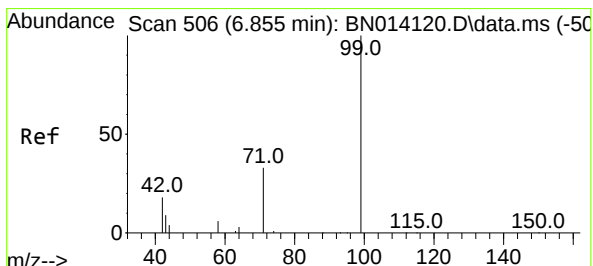
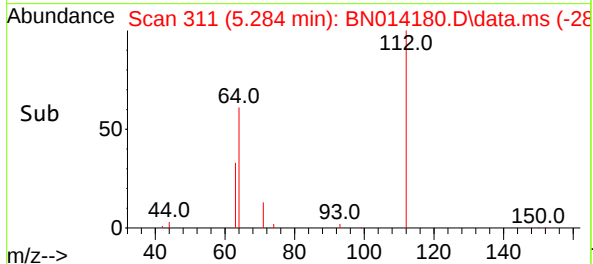
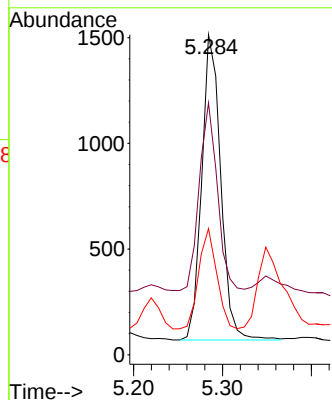
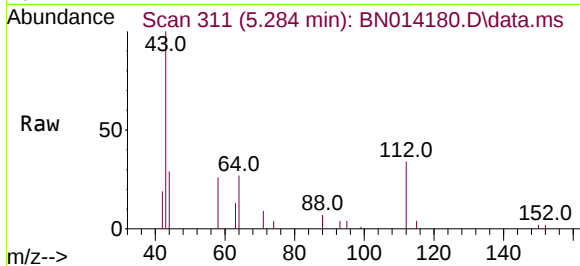




#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.284 min Scan# 311
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

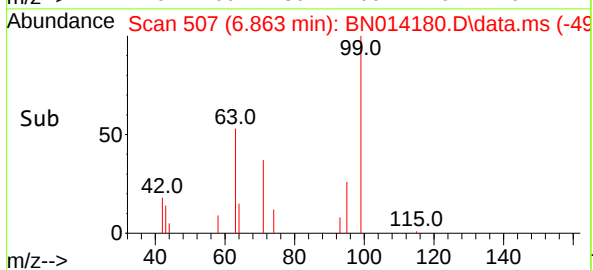
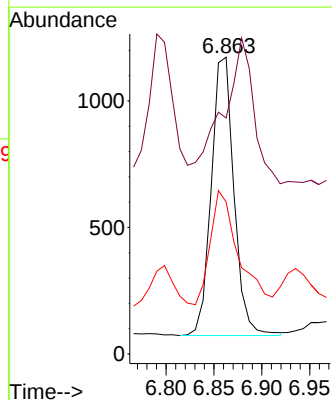
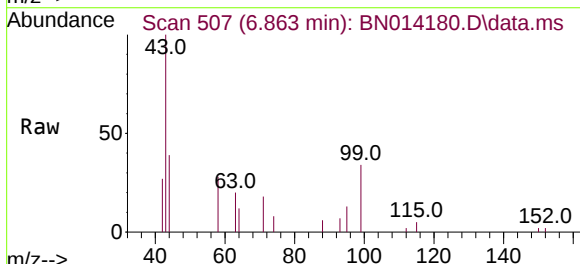
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

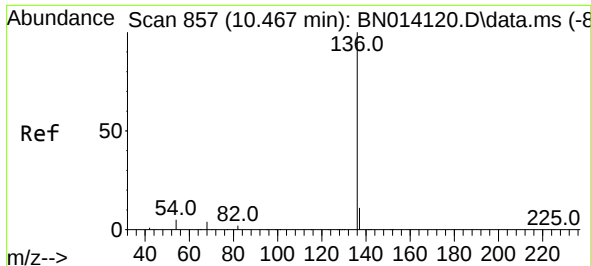
Tgt Ion:	112	Resp:	2146
Ion	Ratio	Lower	Upper
112	100		
64	59.6	48.3	72.5
63	31.8	25.4	38.0



#5
Phenol-d6
Concen: 0.11 ng
RT: 6.863 min Scan# 507
Delta R.T. 0.008 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:	99	Resp:	1811
Ion	Ratio	Lower	Upper
99	100		
42	0.0	18.2	27.4#
71	50.2	26.7	40.1#

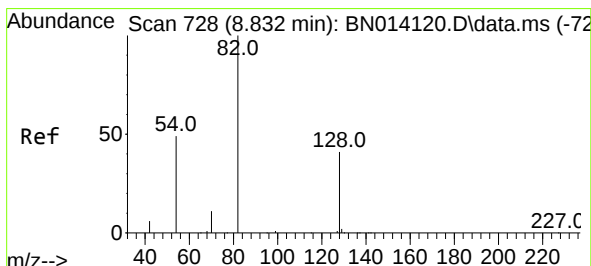
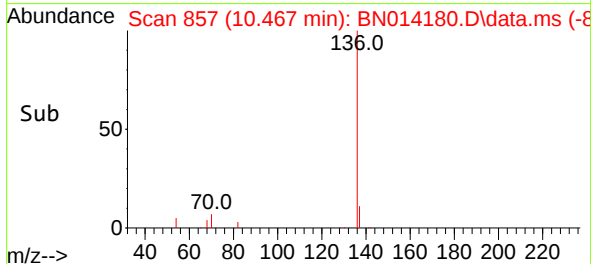
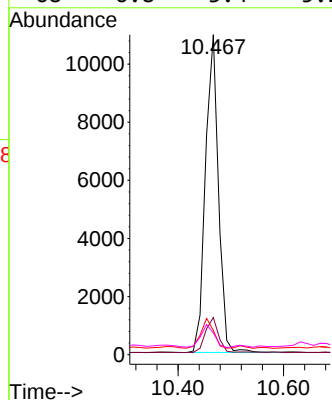
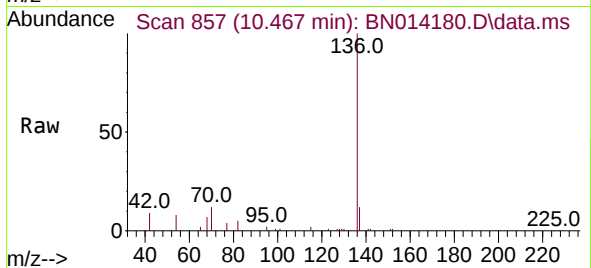




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.467 min Scan# 857
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

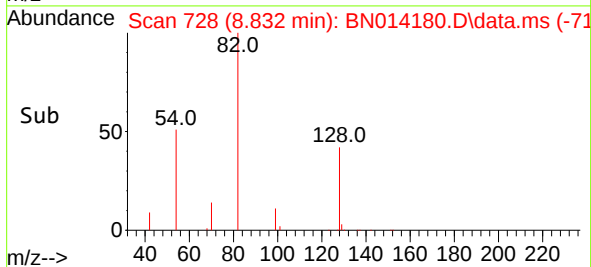
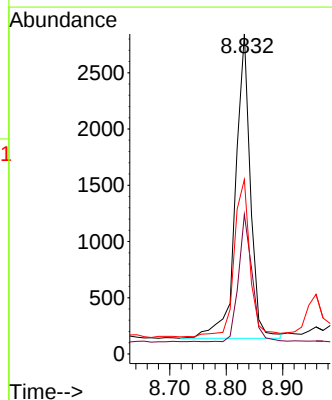
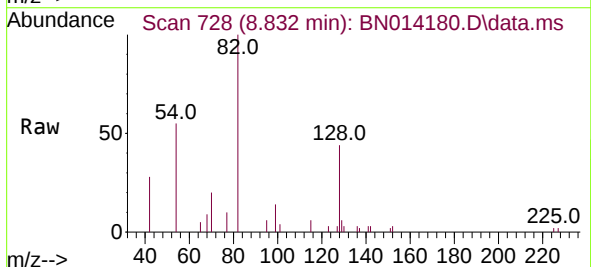
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

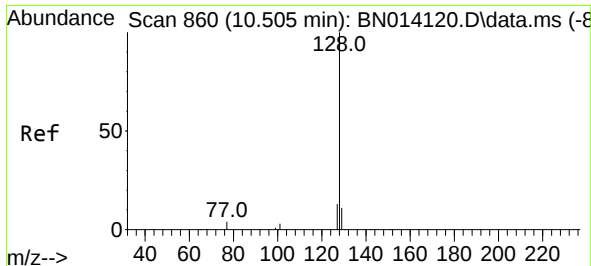
Tgt Ion:	136	Resp:	18657
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.6	4.3	6.5#
68	6.8	3.4	5.2#



#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.832 min Scan# 728
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:	82	Resp:	4968
Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.5	50.3
54	54.5	40.3	60.5

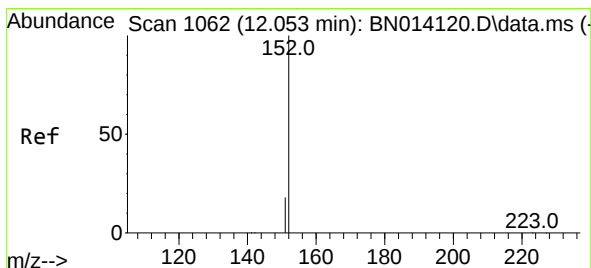
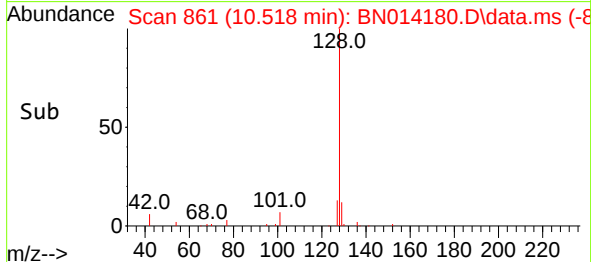
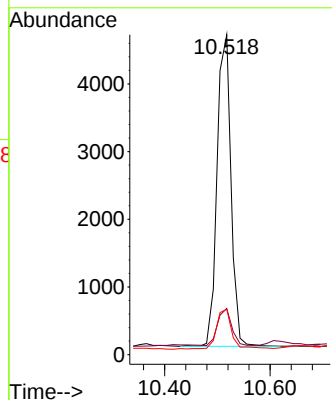
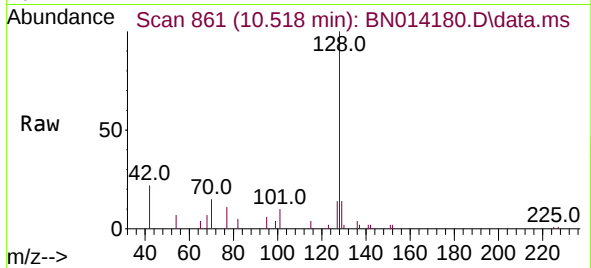




#9
Naphthalene
Concen: 0.18 ng
RT: 10.518 min Scan# 861
Delta R.T. 0.013 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

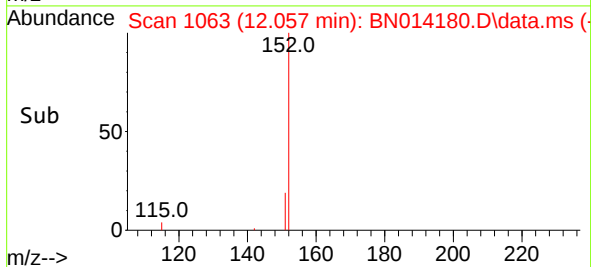
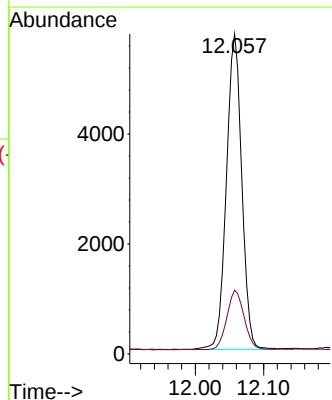
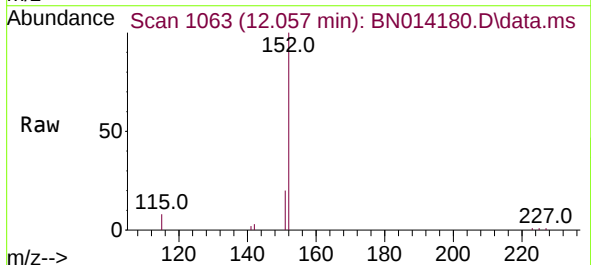
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

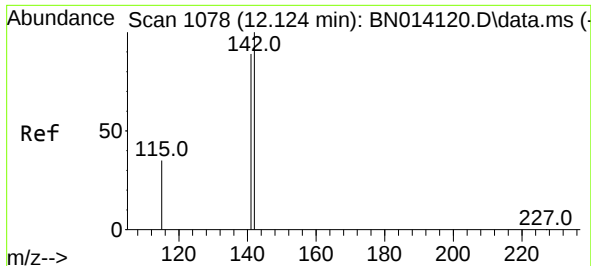
Tgt Ion:128 Resp: 8441
Ion Ratio Lower Upper
128 100
129 14.5 9.2 13.8#
127 14.2 10.8 16.2



#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.057 min Scan# 1063
Delta R.T. 0.004 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:152 Resp: 8939
Ion Ratio Lower Upper
152 100
151 21.1 16.1 24.1

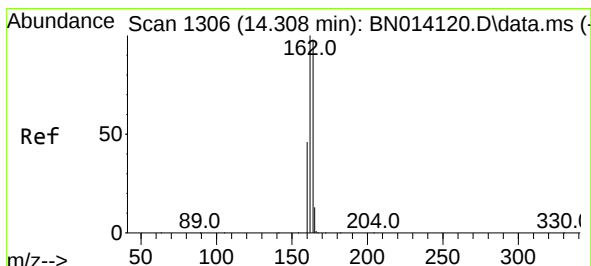
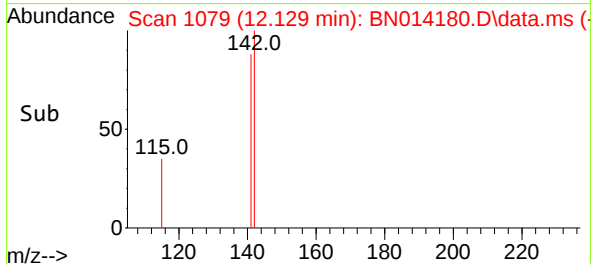
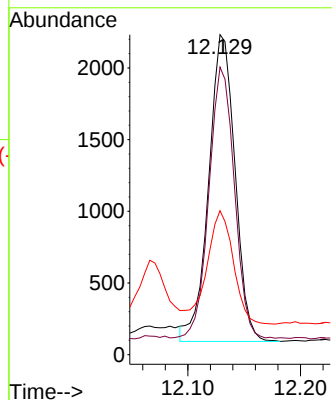
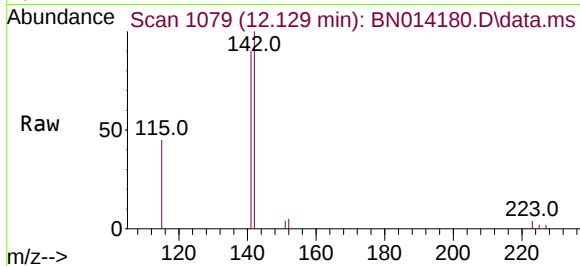




#12
2-Methylnaphthalene
Concen: 0.12 ng
RT: 12.129 min Scan# 1079
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

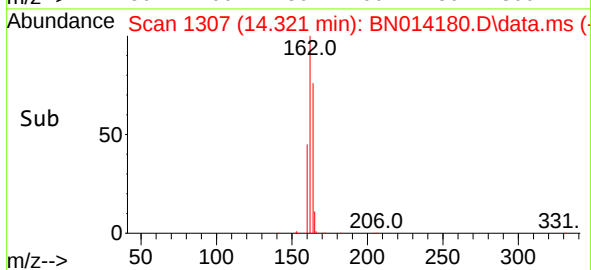
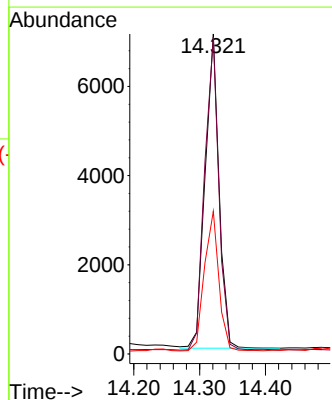
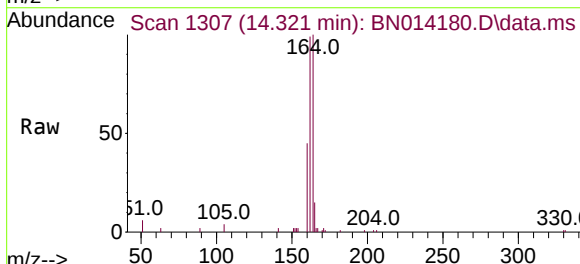
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

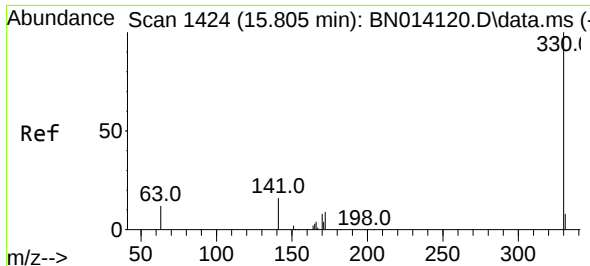
Tgt Ion:142 Resp: 3471
Ion Ratio Lower Upper
142 100
141 89.8 71.1 106.7
115 45.0 29.0 43.6#



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:164 Resp: 10414
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.2
160 44.6 37.5 56.3

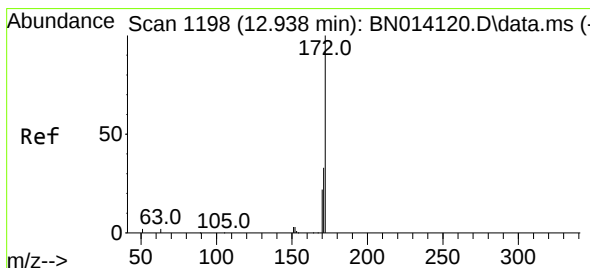
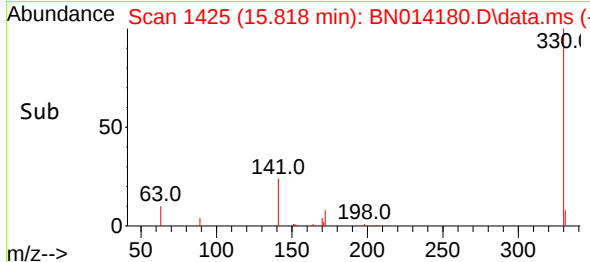
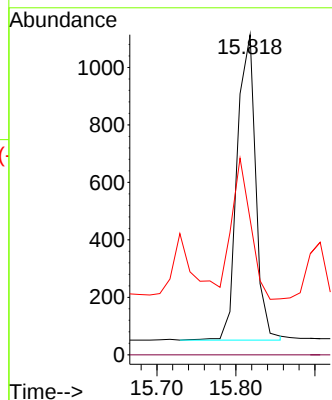
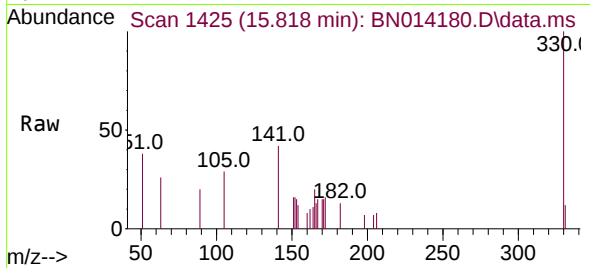




#14
2,4,6-Tribromophenol
Concen: 0.52 ng
RT: 15.818 min Scan# 1425
Delta R.T. 0.013 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

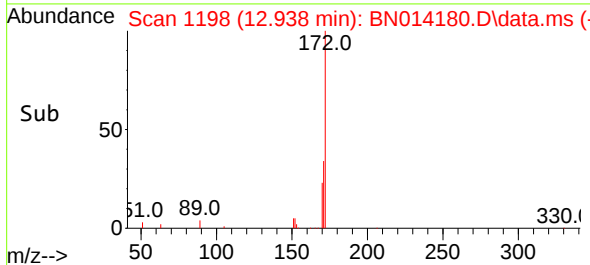
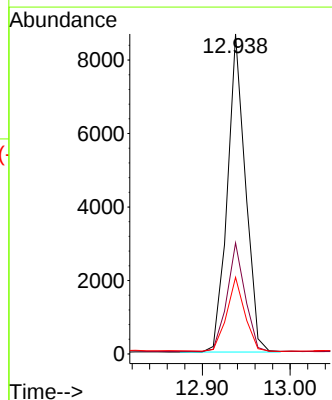
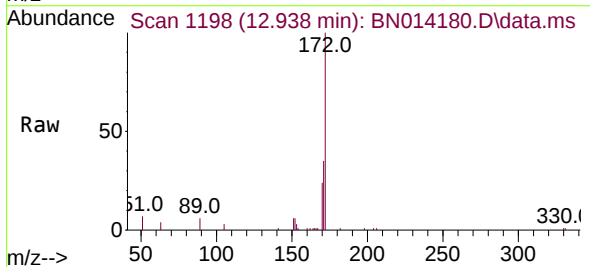
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

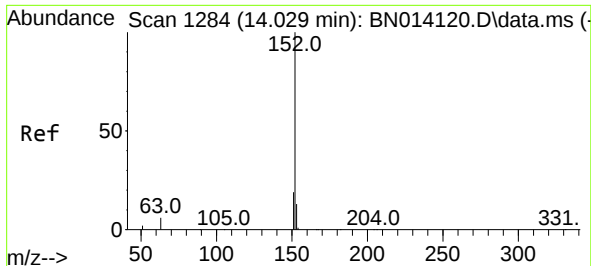
Tgt Ion:330 Resp: 1727
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 51.7 31.2 46.8#



#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.938 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:172 Resp: 12368
Ion Ratio Lower Upper
172 100
171 34.7 26.9 40.3
170 23.9 17.8 26.8

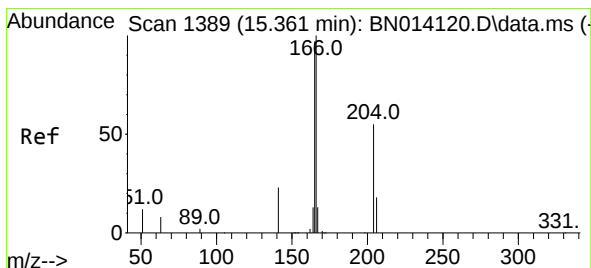
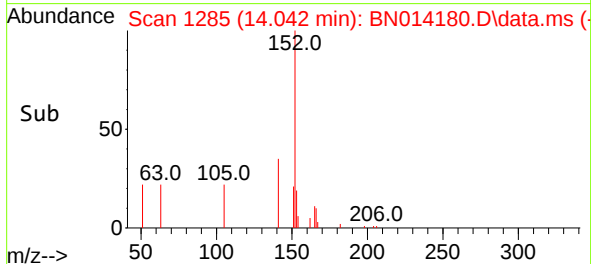
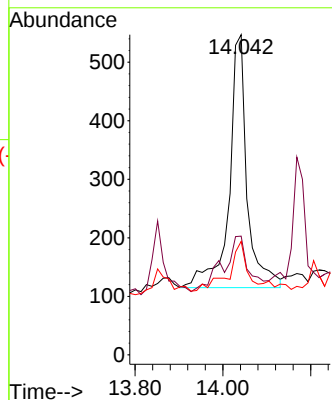
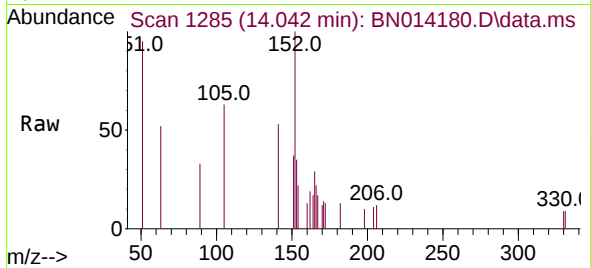




#16
Acenaphthylene
Concen: 0.03 ng
RT: 14.042 min Scan# 1285
Delta R.T. 0.013 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

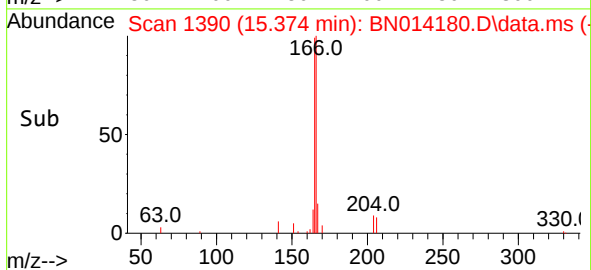
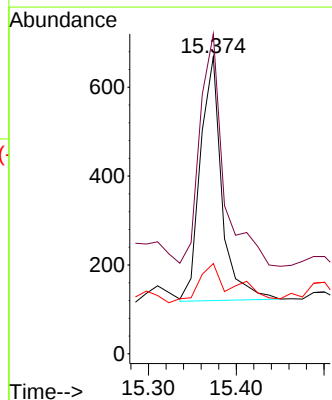
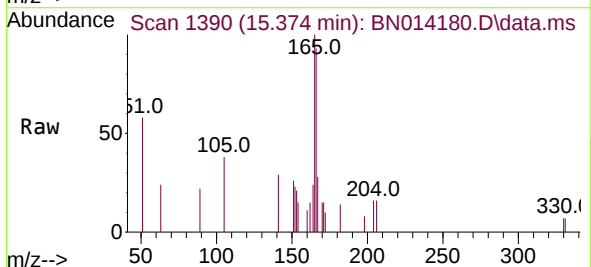
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

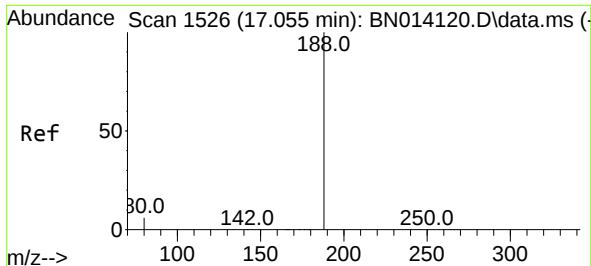
Tgt Ion:152 Resp: 1226
Ion Ratio Lower Upper
152 100
151 31.3 15.4 23.2#
153 23.8 10.3 15.5#



#18
Fluorene
Concen: 0.03 ng
RT: 15.374 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:166 Resp: 937
Ion Ratio Lower Upper
166 100
165 113.8 77.9 116.9
167 0.0 10.6 16.0#

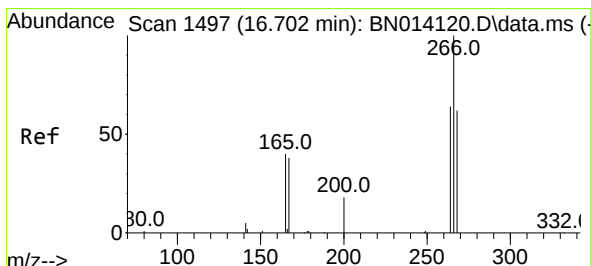
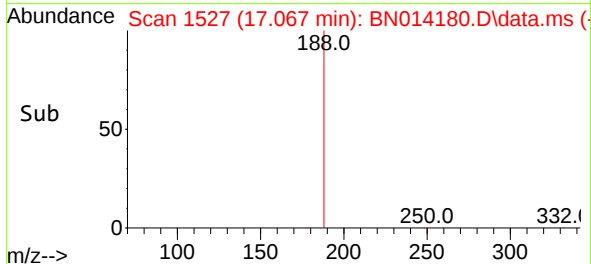
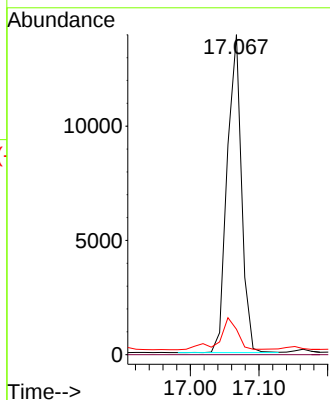
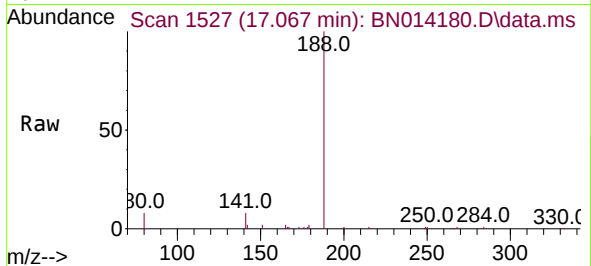




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

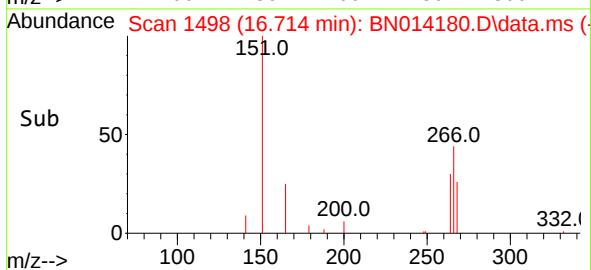
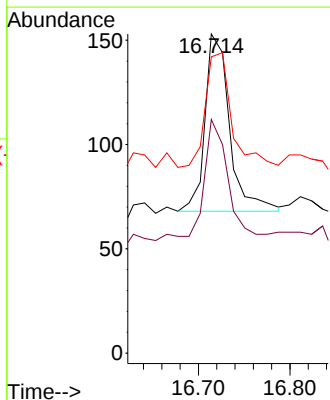
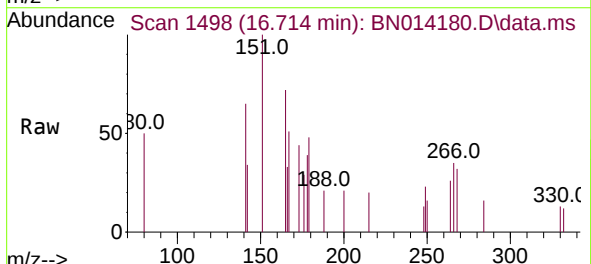
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

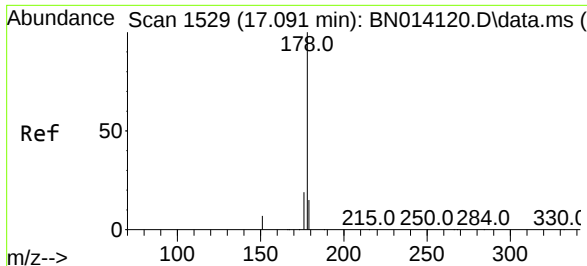
Tgt Ion:188	Resp:	20076
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	8.0	5.2



#24
Pentachlorophenol
Concen: 0.04 ng
RT: 16.714 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:266	Resp:	159
Ion Ratio	Lower	Upper
266	100	
264	69.2	50.2
268	69.2	52.5

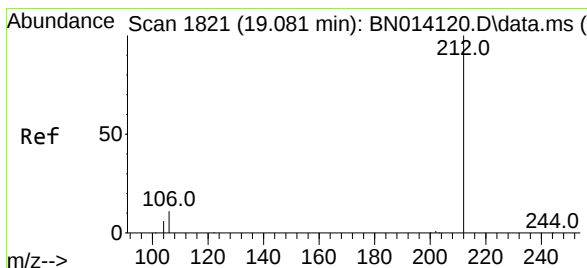
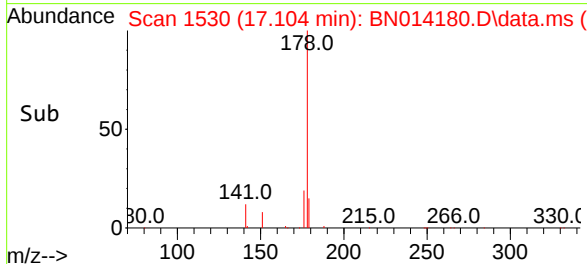
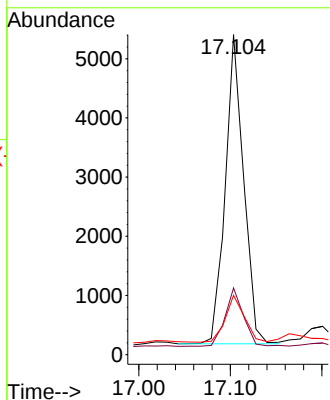
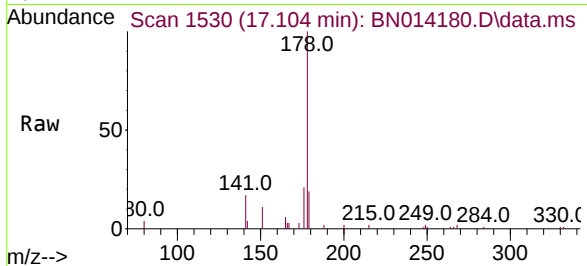




#25
Phenanthrene
Concen: 0.14 ng
RT: 17.104 min Scan# 1530
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

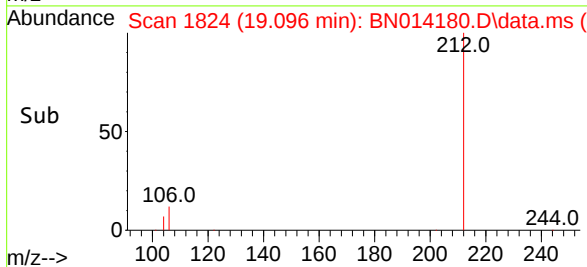
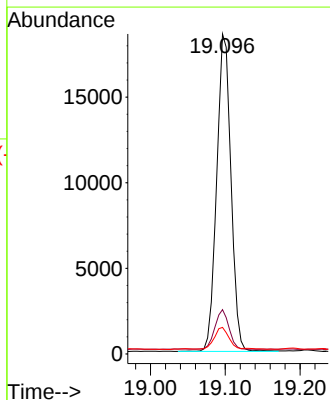
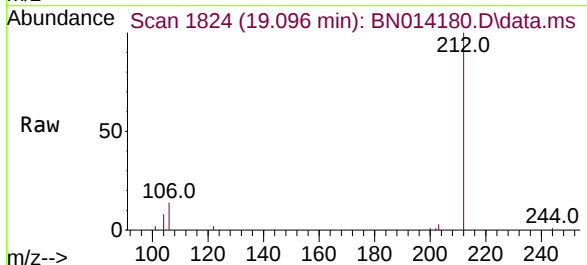
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

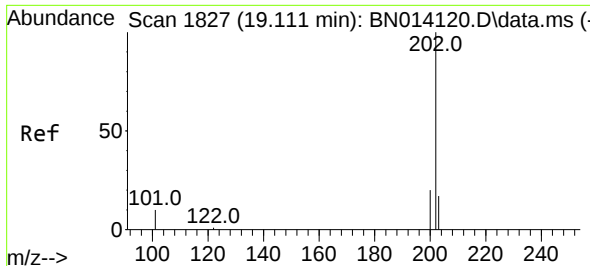
Tgt Ion:	178	Resp:	7283
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.0	22.6
179	15.6	12.4	18.6



#27
Fluoranthene-d10
Concen: 0.47 ng
RT: 19.096 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:	212	Resp:	24582
Ion Ratio	Lower	Upper	
212	100		
106	12.2	10.1	15.1
104	7.2	5.5	8.3

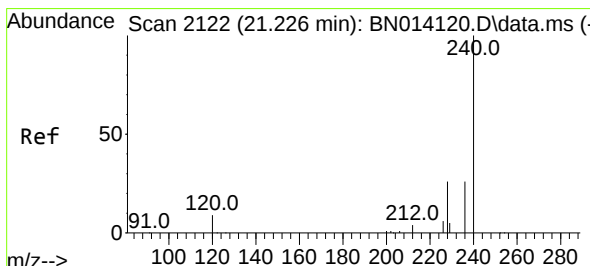
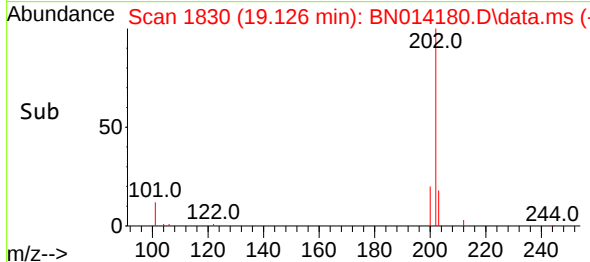
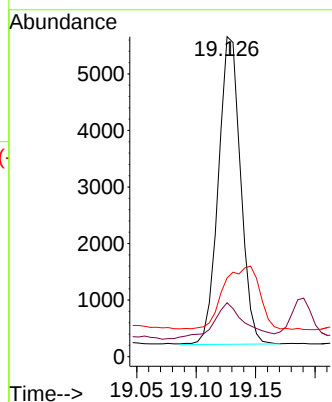
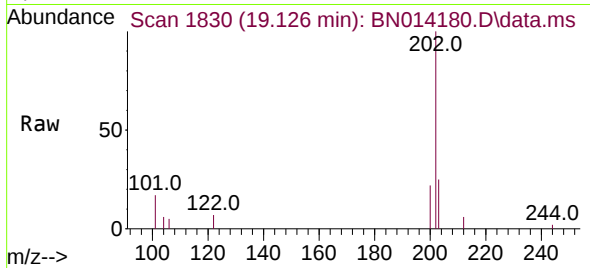




#28
Fluoranthene
Concen: 0.13 ng
RT: 19.126 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

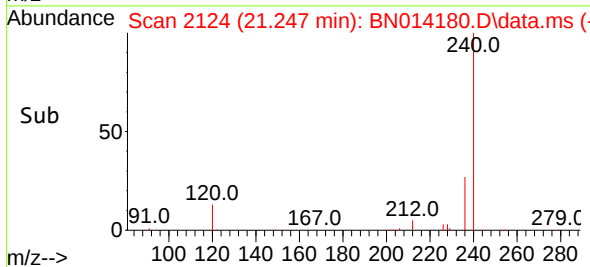
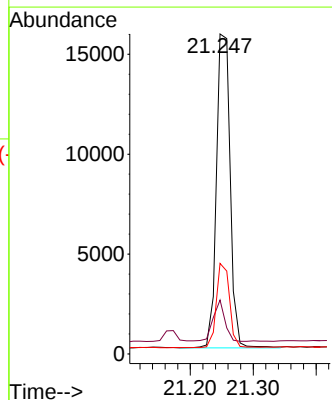
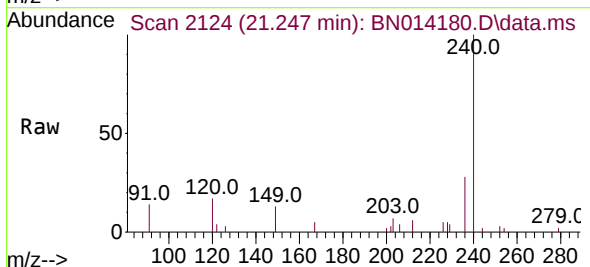
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

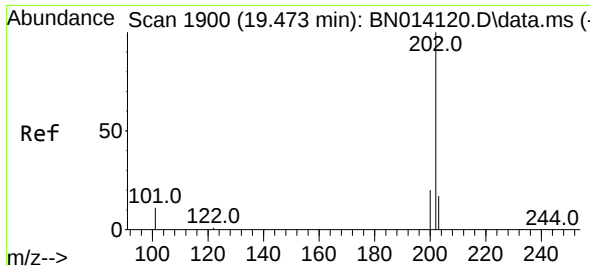
Tgt Ion:202 Resp: 7056
Ion Ratio Lower Upper
202 100
101 17.3 8.8 13.2#
203 35.1 13.8 20.6#



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.247 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:240 Resp: 23837
Ion Ratio Lower Upper
240 100
120 16.9 8.4 12.6#
236 28.3 21.0 31.6

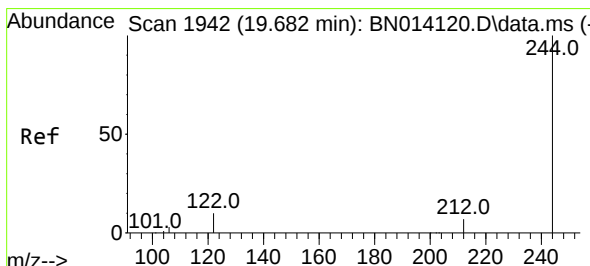
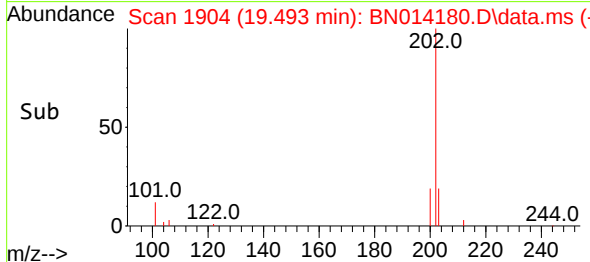
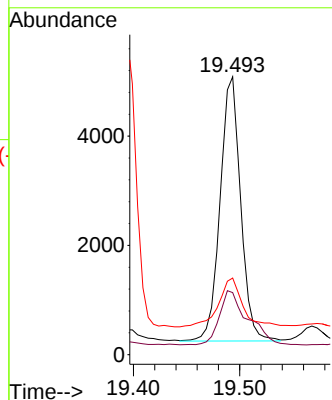
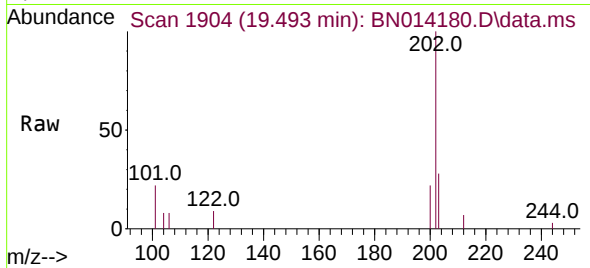




#30
Pyrene
Concen: 0.08 ng
RT: 19.493 min Scan# 1904
Delta R.T. 0.005 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

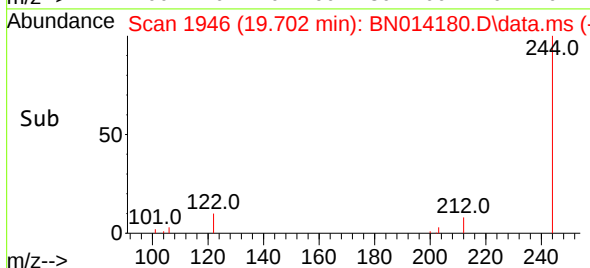
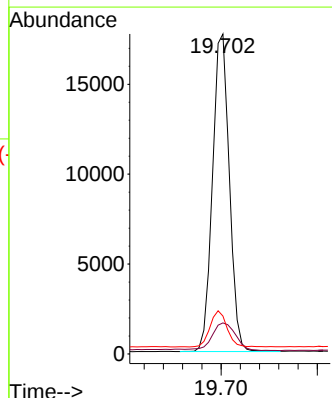
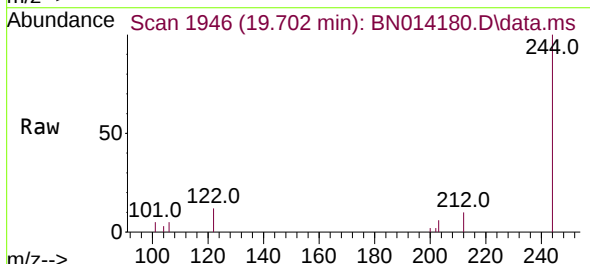
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

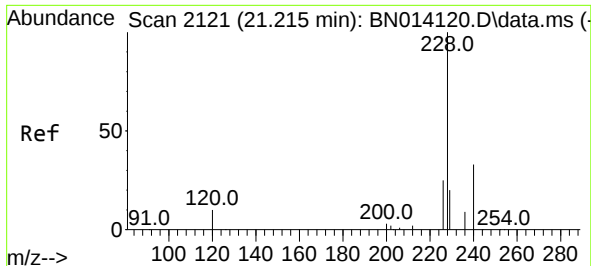
Tgt Ion:202 Resp: 6486
Ion Ratio Lower Upper
202 100
200 28.5 16.2 24.4#
203 22.1 13.9 20.9#



#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.702 min Scan# 1946
Delta R.T. 0.005 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:244 Resp: 21393
Ion Ratio Lower Upper
244 100
212 9.7 6.0 9.0#
122 11.8 8.6 13.0

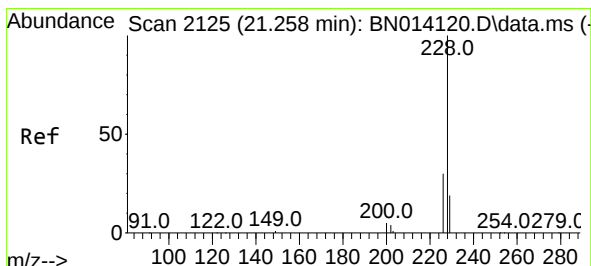
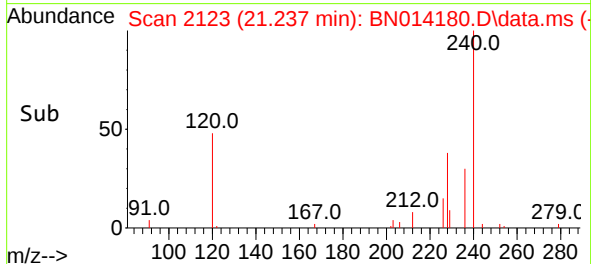
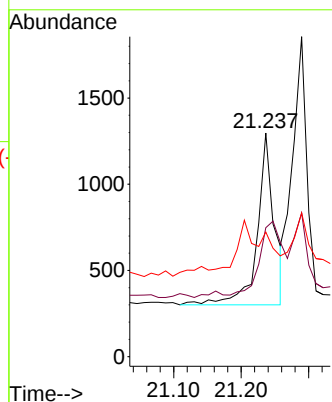
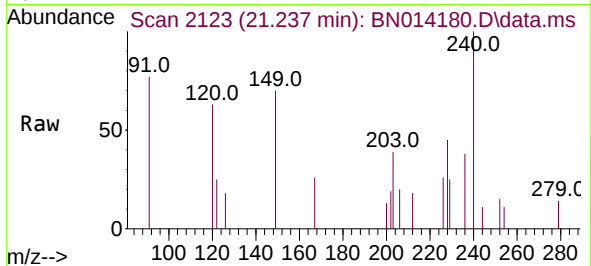




#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.237 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

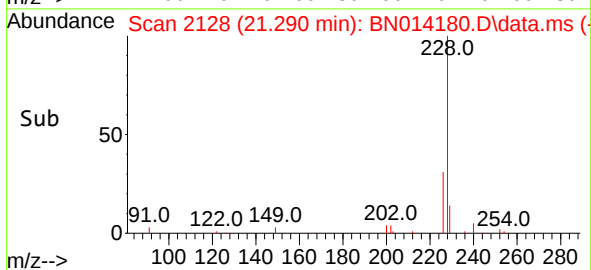
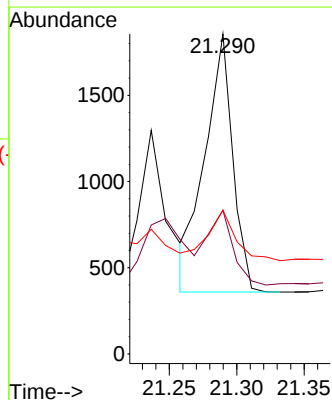
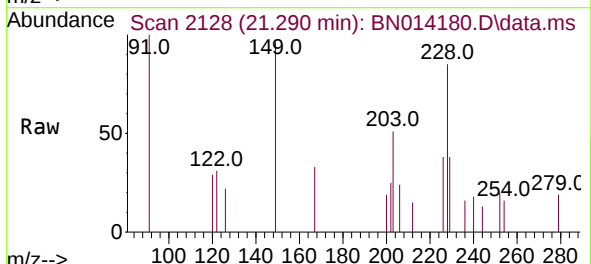
Instrument :
BNA_N
ClientSampleId :
GWBR3-175-185-033121

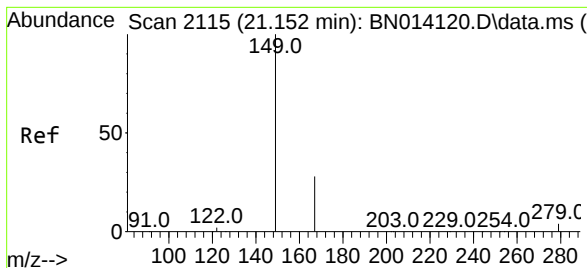
Tgt Ion:228 Resp: 1743
Ion Ratio Lower Upper
228 100
226 57.7 20.6 31.0#
229 55.7 16.2 24.2#



#33
Chrysene
Concen: 0.03 ng
RT: 21.290 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BN014180.D
Acq: 01 Apr 2021 15:58

Tgt Ion:228 Resp: 2146
Ion Ratio Lower Upper
228 100
226 44.9 24.4 36.6#
229 44.9 15.5 23.3#

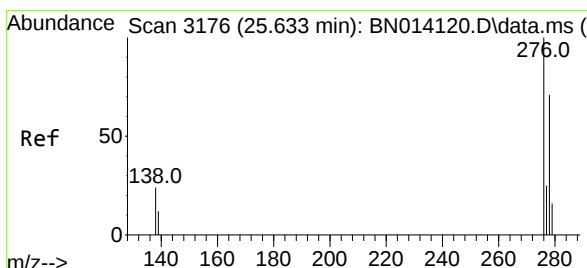
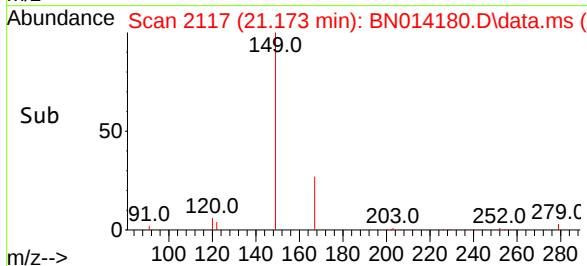
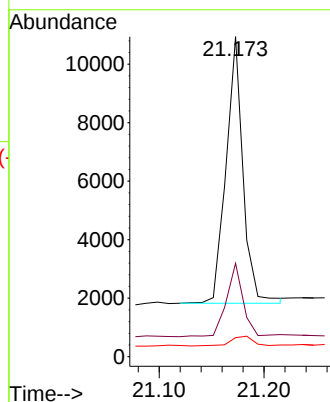
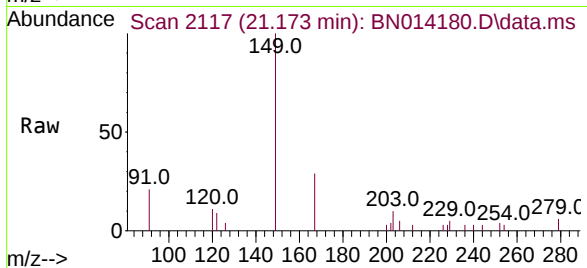




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.51 ng
 RT: 21.173 min Scan# 2117
 Delta R.T. -0.000 min
 Lab File: BN014180.D
 Acq: 01 Apr 2021 15:58

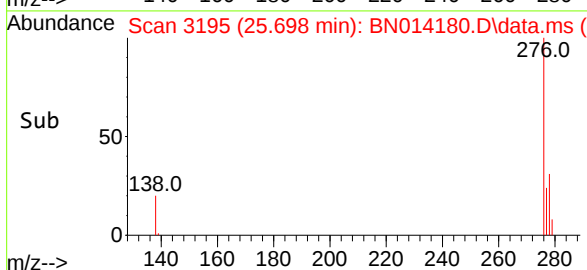
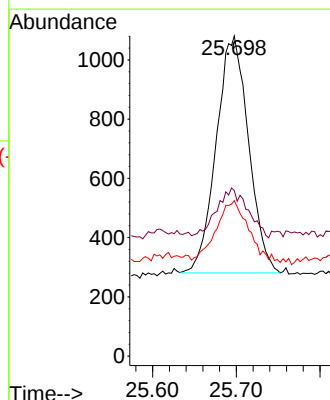
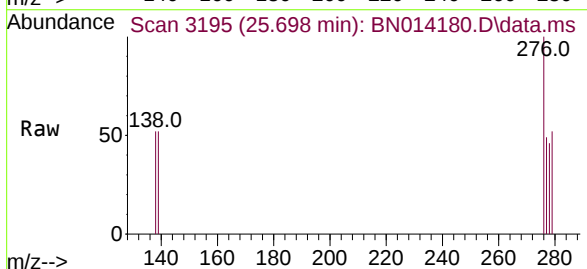
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-175-185-033121

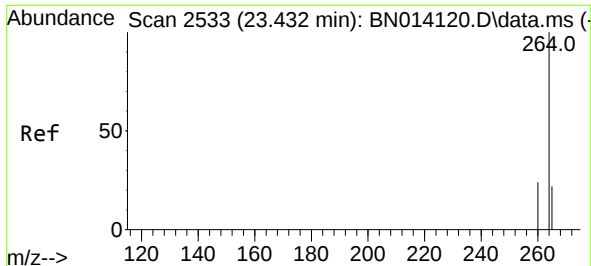
Tgt Ion:149 Resp: 10249
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.4 32.2
 279 5.0 3.5 5.3



#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng
 RT: 25.698 min Scan# 3195
 Delta R.T. 0.010 min
 Lab File: BN014180.D
 Acq: 01 Apr 2021 15:58

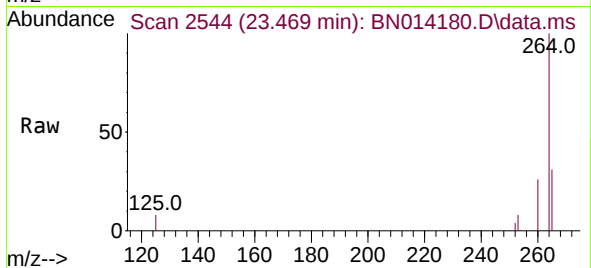
Tgt Ion:276 Resp: 2144
 Ion Ratio Lower Upper
 276 100
 138 20.5 19.4 29.2
 277 26.4 19.8 29.6



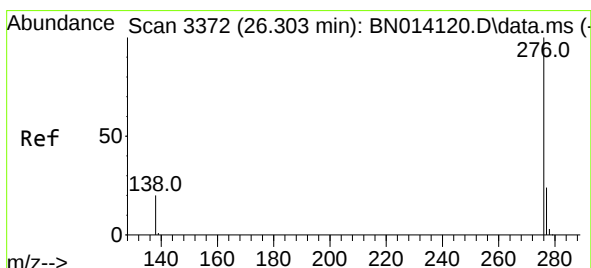
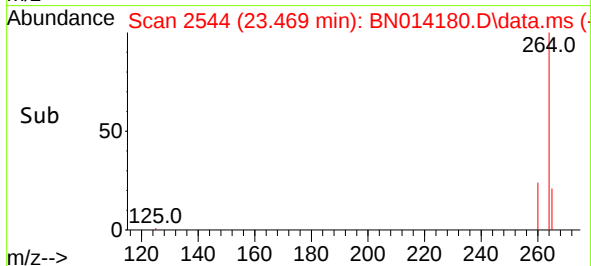
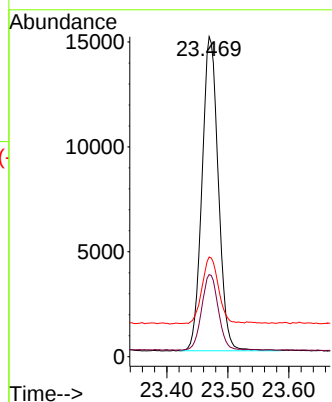


#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.469 min Scan# 2544
 Delta R.T. 0.003 min
 Lab File: BN014180.D
 Acq: 01 Apr 2021 15:58

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3-175-185-033121



Tgt Ion:264 Resp: 27856
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.8 29.8
 265 31.1 30.7 46.1



#41
 Benzo(g,h,i)perylene
 Concen: 0.02 ng
 RT: 26.382 min Scan# 3395
 Delta R.T. 0.014 min
 Lab File: BN014180.D
 Acq: 01 Apr 2021 15:58

Tgt Ion:276 Resp: 2250
 Ion Ratio Lower Upper
 276 100
 277 50.6 20.1 30.1#
 138 54.1 17.0 25.4#

