

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030121\
 Data File : BN013797.D
 Acq On : 01 Mar 2021 18:40
 Operator : CG/JU
 Sample : M1519-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW806-31-36-022621

Quant Time: Mar 01 23:29:53 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 Feb 25 11:31:11 2021
 Response via : Initial Calibration

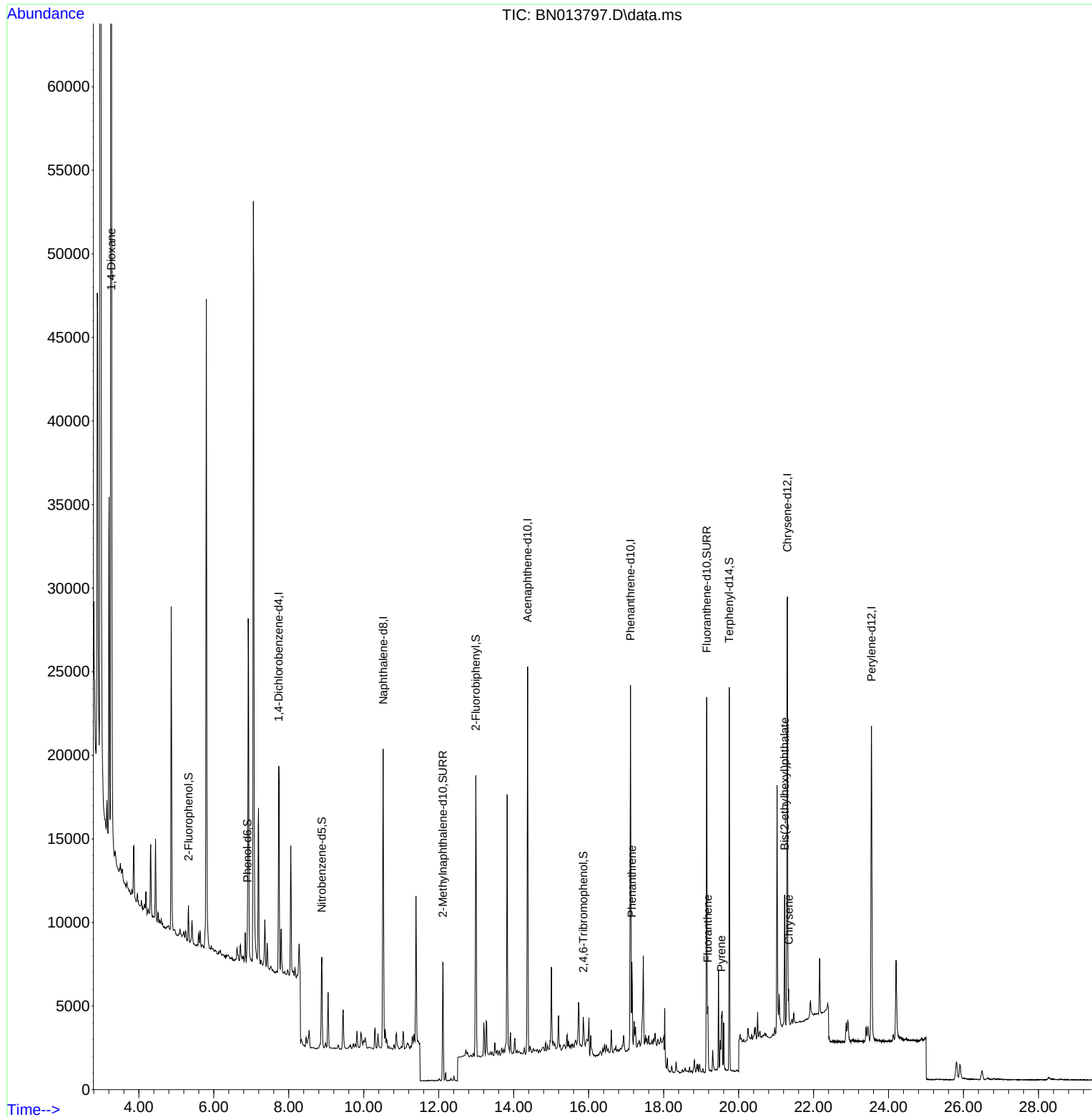
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	5805	0.40	ng	0.00
7) Naphthalene-d8	10.518	136	22247	0.40	ng	-0.01
13) Acenaphthene-d10	14.372	164	12335	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	27197	0.40	ng	-0.01
29) Chrysene-d12	21.303	240	27029	0.40	ng	# 0.00
36) Perylene-d12	23.544	264	24679	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.325	112	1483	0.10	ng	0.00
5) Phenol-d6	6.895	99	1304	0.06	ng	0.00
8) Nitrobenzene-d5	8.883	82	4692	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.111	152	9252	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	1160	0.23	ng	-0.01
15) 2-Fluorobiphenyl	12.989	172	14032	0.32	ng	-0.01
27) Fluoranthene-d10	19.149	212	24145	0.30	ng	0.00
31) Terphenyl-d14	19.749	244	22255	0.37	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.263	88	87205	12.43	ng	98
25) Phenanthrene	17.153	178	5632	0.08	ng	# 95
28) Fluoranthene	19.178	202	3156	0.04	ng	# 94
30) Pyrene	19.541	202	2633	0.03	ng	# 90
33) Chrysene	21.335	228	1695	0.02	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.229	149	6797	0.17	ng	98

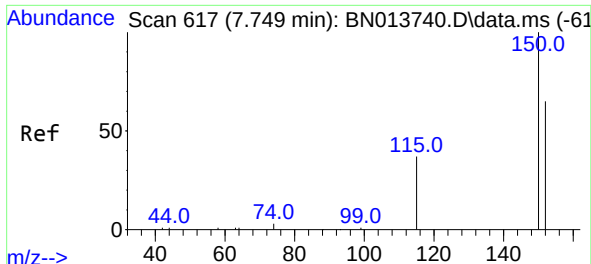
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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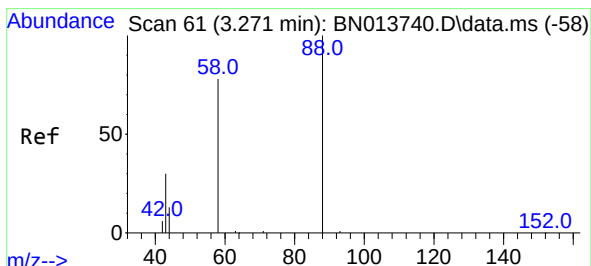
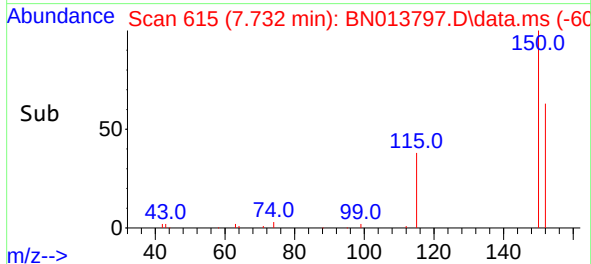
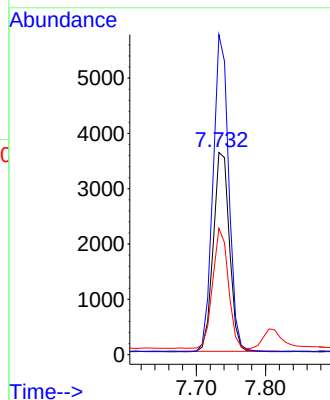
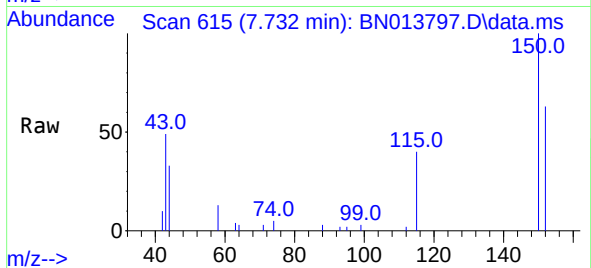




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.732 min Scan# 615
 Delta R.T. -0.009 min
 Lab File: BN013797.D
 Acq: 01 Mar 2021 18:40

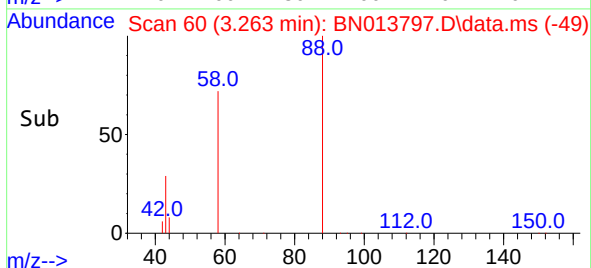
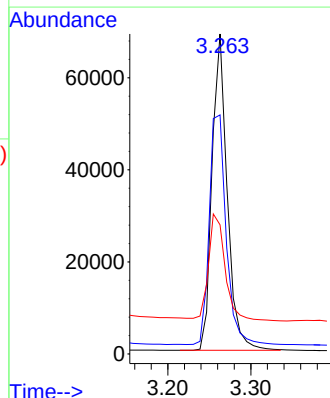
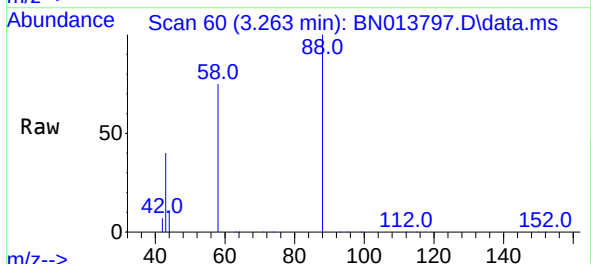
Instrument :
 BNA_N
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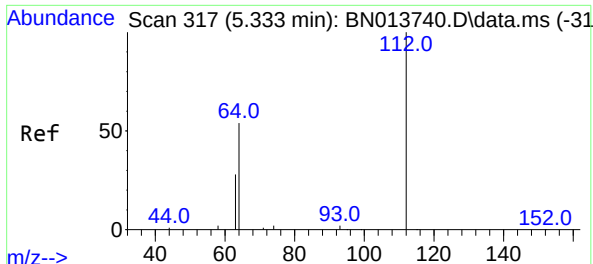
Tgt Ion:152 Resp: 5805
 Ion Ratio Lower Upper
 152 100
 150 158.2 121.8 182.8
 115 62.5 46.6 69.8



#2
 1,4-Dioxane
 Concen: 12.43 ng
 RT: 3.263 min Scan# 60
 Delta R.T. -0.008 min
 Lab File: BN013797.D
 Acq: 01 Mar 2021 18:40

Tgt Ion: 88 Resp: 87205
 Ion Ratio Lower Upper
 88 100
 58 80.8 64.6 96.8
 43 37.1 26.6 40.0

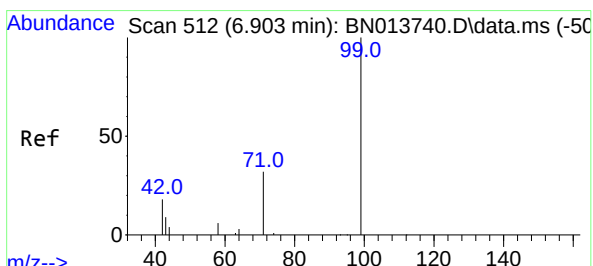
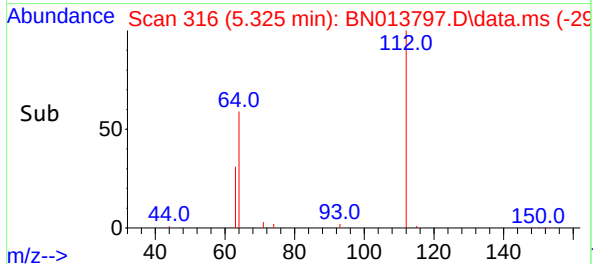
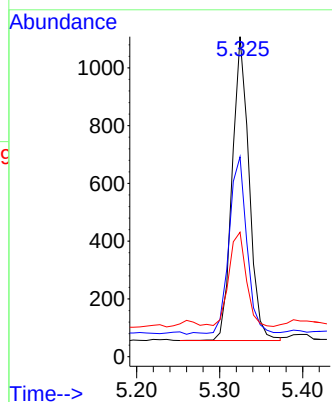
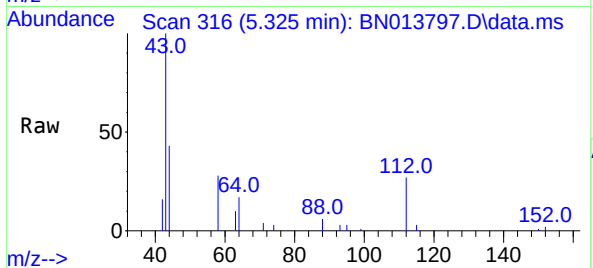




#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.325 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN013797.D
Acq: 01 Mar 2021 18:40

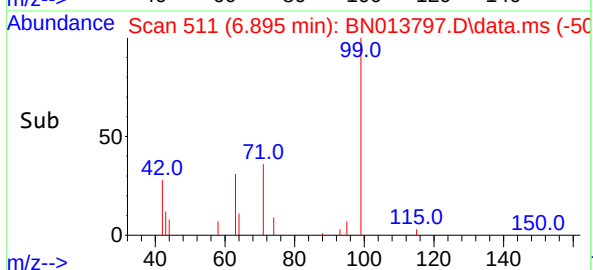
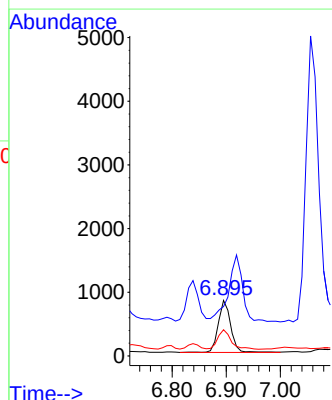
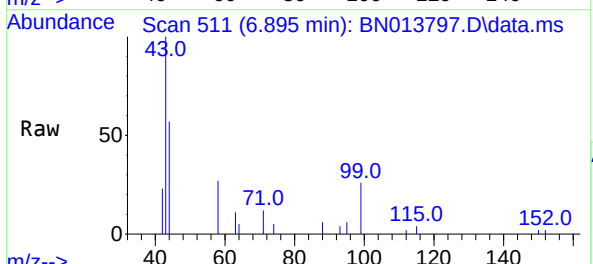
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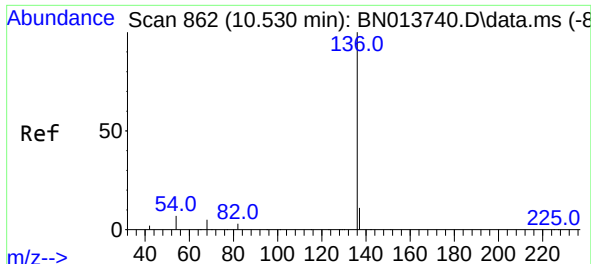
Tgt Ion:112 Resp: 1483
Ion Ratio Lower Upper
112 100
64 60.7 44.3 66.5
63 32.9 23.0 34.6



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.008 min
Lab File: BN013797.D
Acq: 01 Mar 2021 18:40

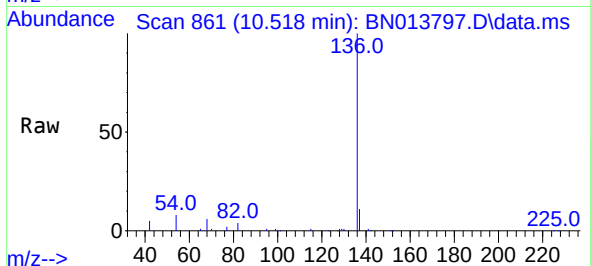
Tgt Ion: 99 Resp: 1304
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 39.3 26.1 39.1#



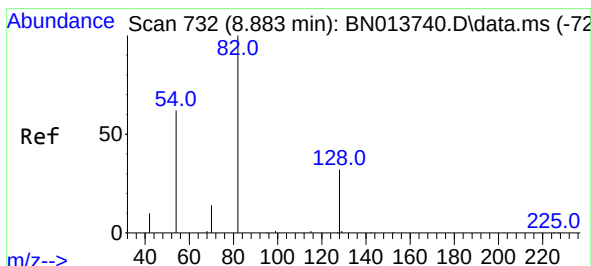
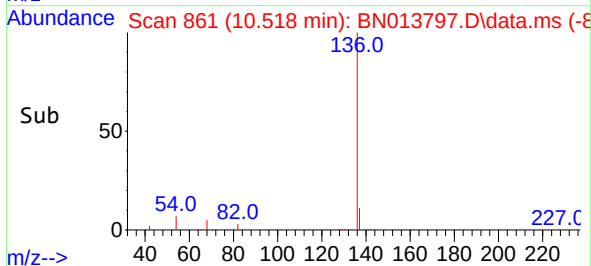
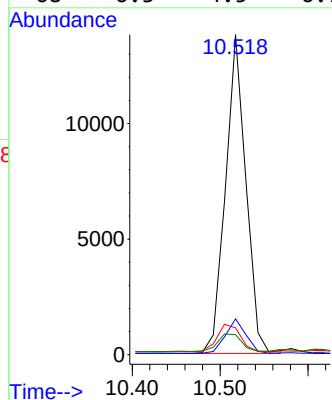


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013797.D
Acq: 01 Mar 2021 18:40

Instrument :
BNA_N
ClientSampleId :
GW806-31-36-022621

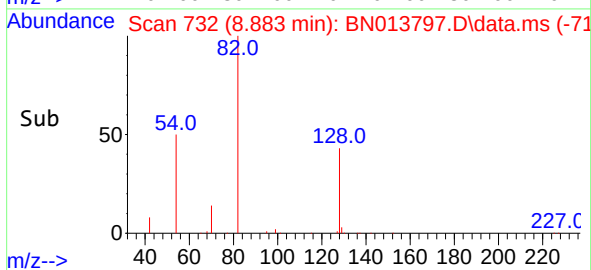
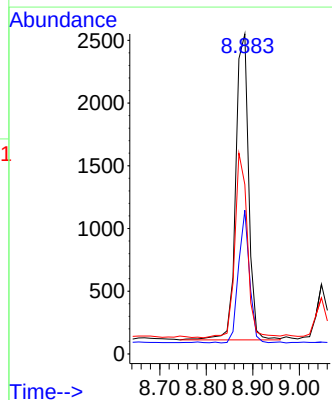
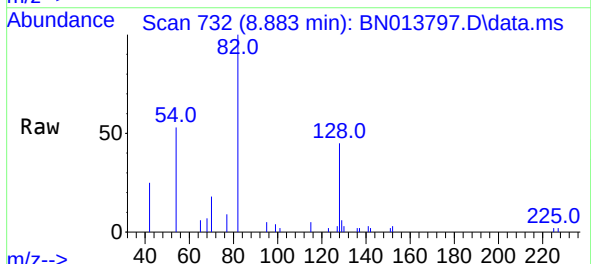


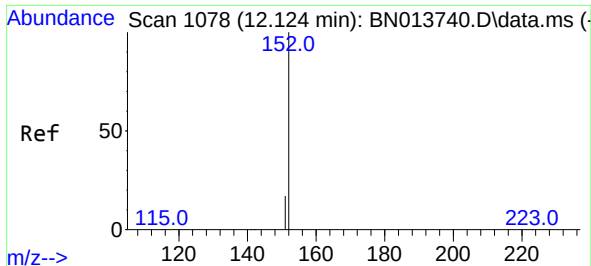
Tgt Ion:136	Resp:	22247
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.0 13.6
54	8.4	6.4 9.6
68	6.3	4.5 6.7



#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 8.883 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN013797.D
Acq: 01 Mar 2021 18:40

Tgt Ion: 82	Resp:	4692
Ion	Ratio	Lower Upper
82	100	
128	44.9	39.2 58.8
54	52.9	40.1 60.1

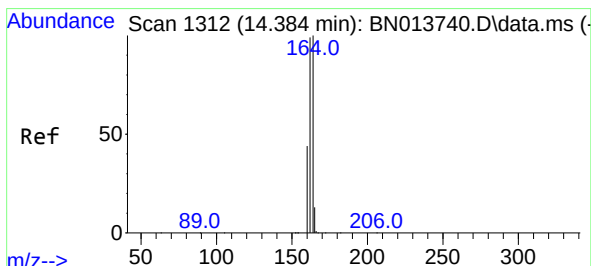
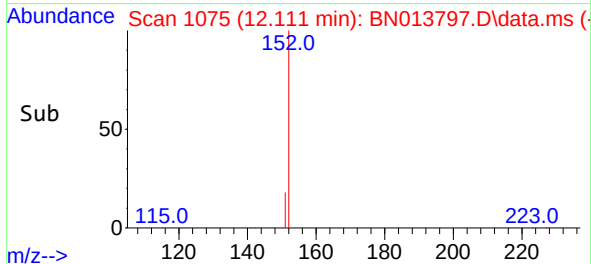
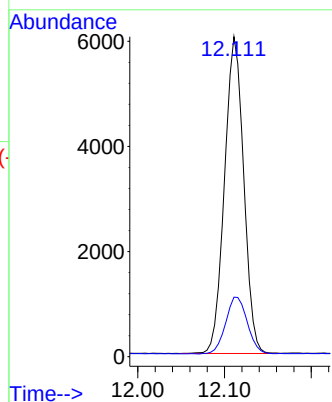
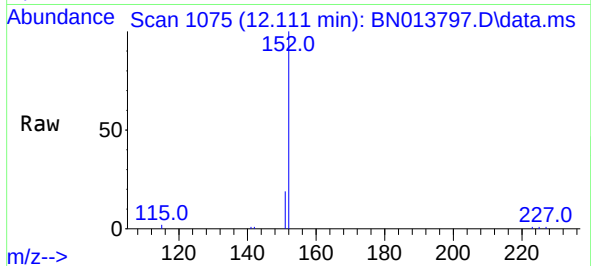




#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 12.111 min Scan# 1075
Delta R.T. -0.009 min
Lab File: BN013797.D
Acq: 01 Mar 2021 18:40

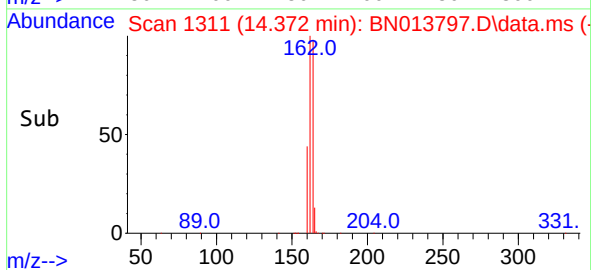
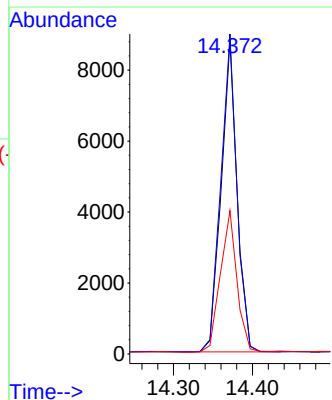
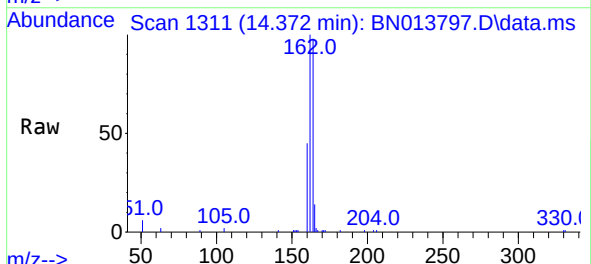
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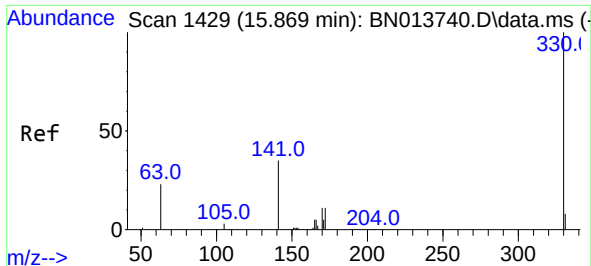
Tgt Ion:152 Resp: 9252
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013797.D
Acq: 01 Mar 2021 18:40

Tgt Ion:164 Resp: 12335
Ion Ratio Lower Upper
164 100
162 102.0 79.6 119.4
160 45.7 36.0 54.0

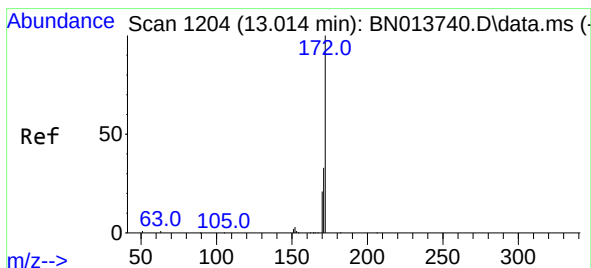
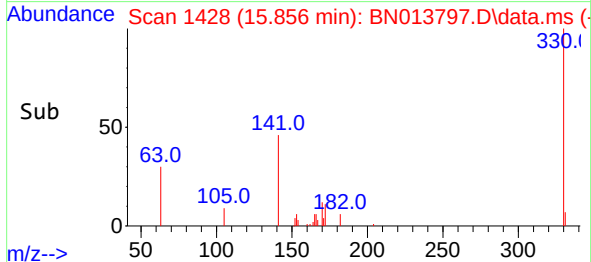
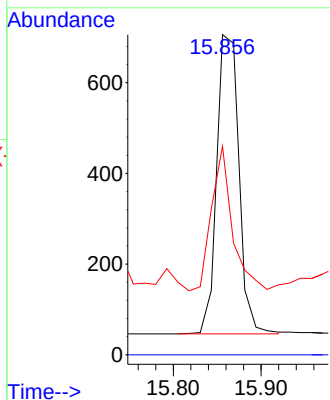
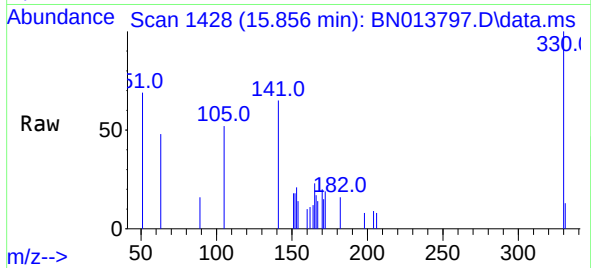




#14
2,4,6-Tribromophenol
Concen: 0.23 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN013797.D
Acq: 01 Mar 2021 18:40

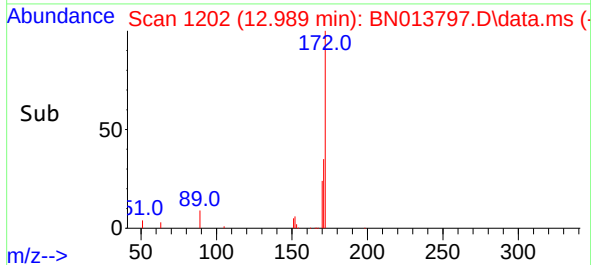
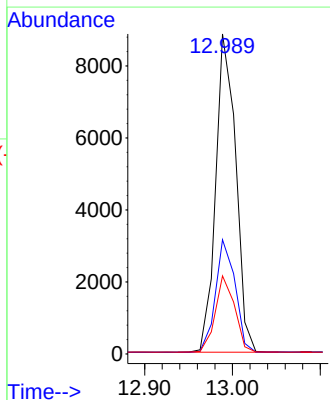
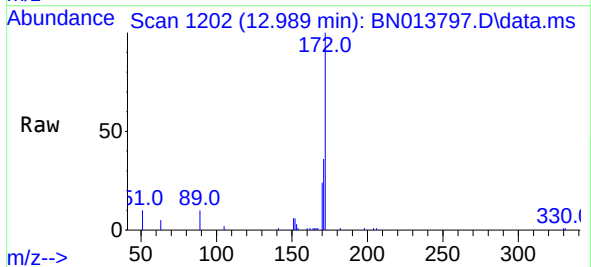
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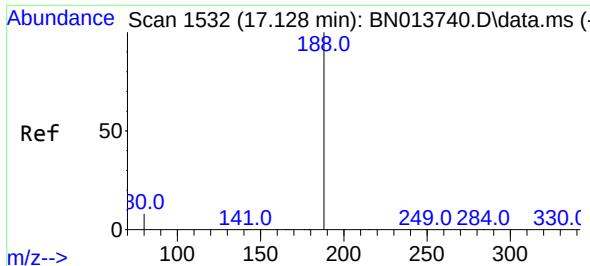
Tgt Ion: 330 Resp: 1160
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 45.0 26.8 40.2#



#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.989 min Scan# 1202
Delta R.T. -0.013 min
Lab File: BN013797.D
Acq: 01 Mar 2021 18:40

Tgt Ion: 172 Resp: 14032
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 24.4 18.9 28.3

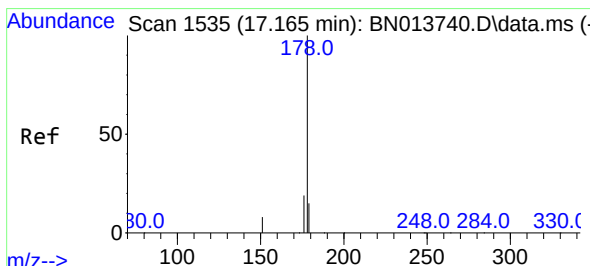
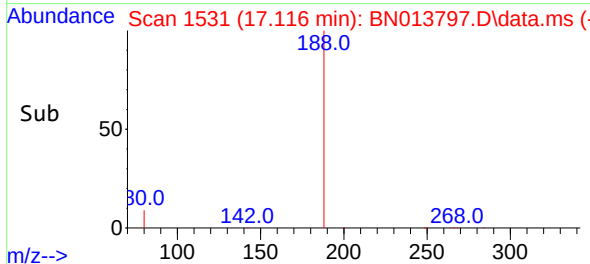
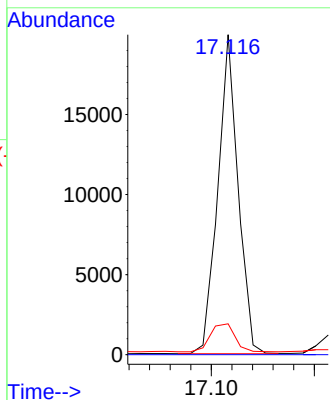
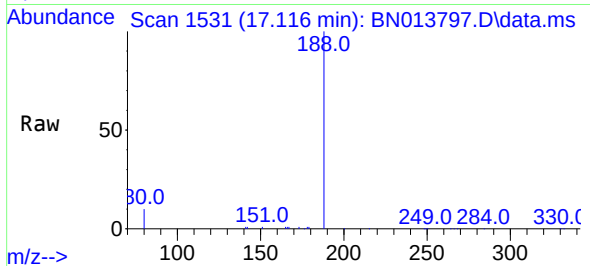




#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013797.D
Acq: 01 Mar 2021 18:40

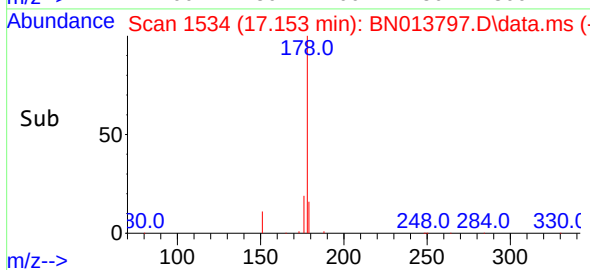
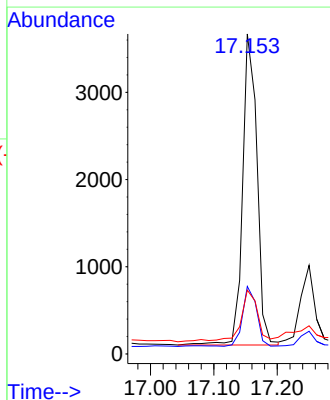
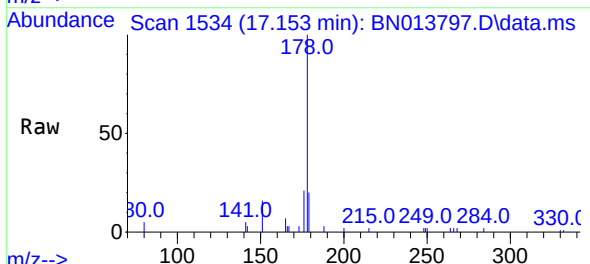
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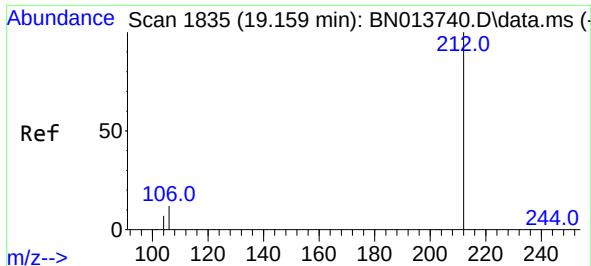
Tgt Ion:188 Resp: 27197
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 9.0 13.6



#25
Phenanthrene
Concen: 0.08 ng
RT: 17.153 min Scan# 1534
Delta R.T. -0.012 min
Lab File: BN013797.D
Acq: 01 Mar 2021 18:40

Tgt Ion:178 Resp: 5632
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 19.5 12.3 18.5#

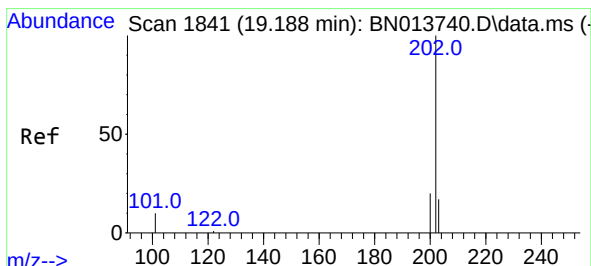
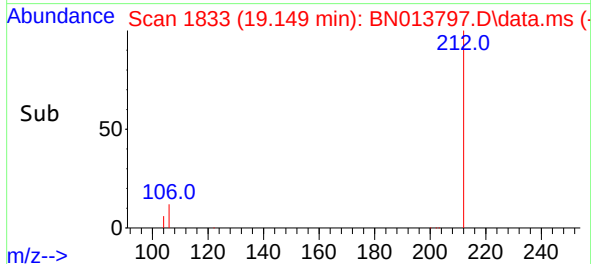
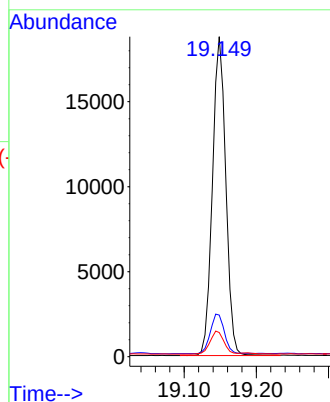
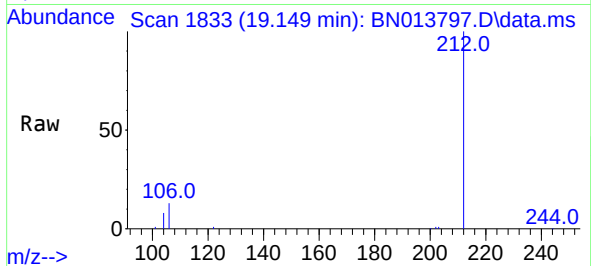




#27
Fluoranthene-d10
Concen: 0.30 ng
RT: 19.149 min Scan# 1833
Delta R.T. -0.007 min
Lab File: BN013797.D
Acq: 01 Mar 2021 18:40

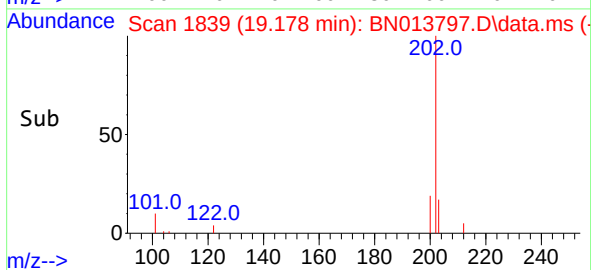
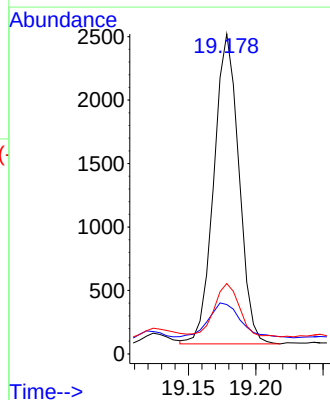
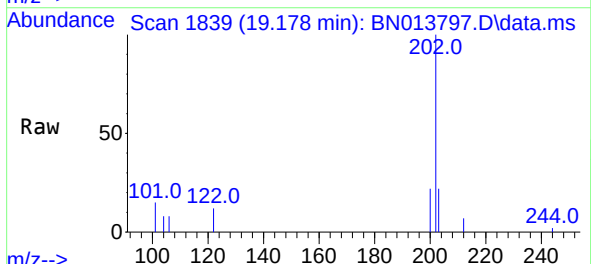
Instrument :
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GW806-31-36-022621

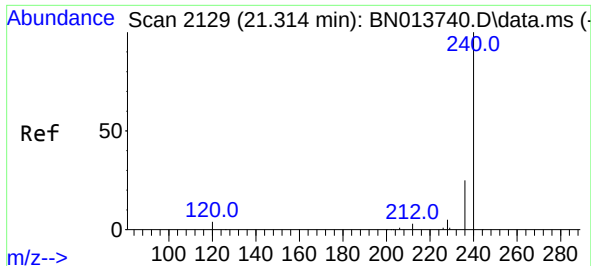
Tgt Ion:	212	Resp:	24145
Ion Ratio	Lower	Upper	
212	100		
106	13.0	9.7	14.5
104	7.5	5.5	8.3



#28
Fluoranthene
Concen: 0.04 ng
RT: 19.178 min Scan# 1839
Delta R.T. -0.007 min
Lab File: BN013797.D
Acq: 01 Mar 2021 18:40

Tgt Ion:	202	Resp:	3156
Ion Ratio	Lower	Upper	
202	100		
101	16.3	8.1	12.1#
203	17.6	13.9	20.9

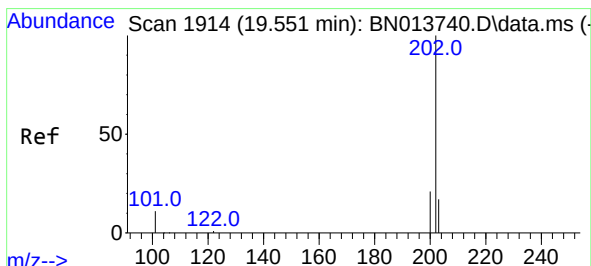
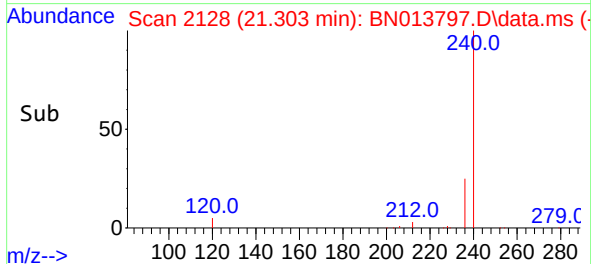
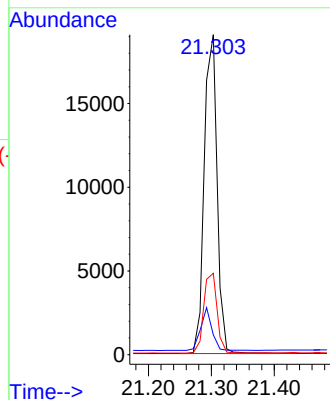
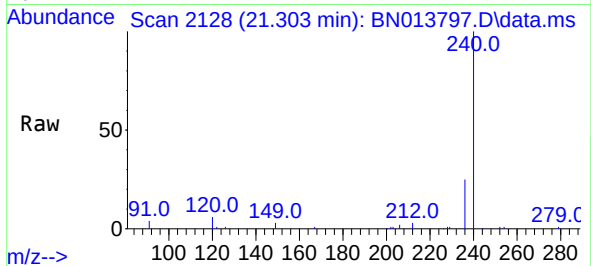




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BN013797.D
Acq: 01 Mar 2021 18:40

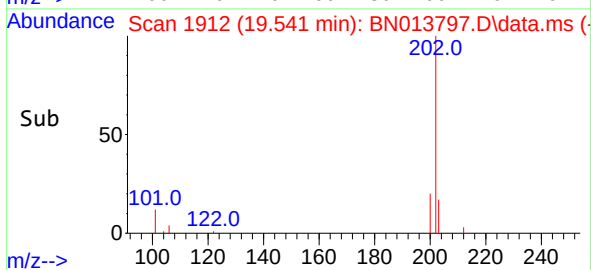
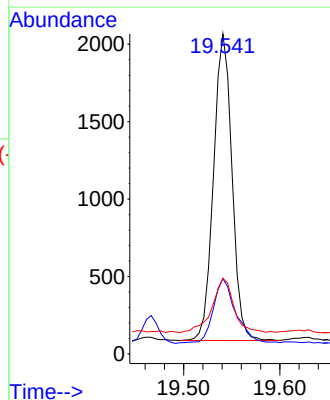
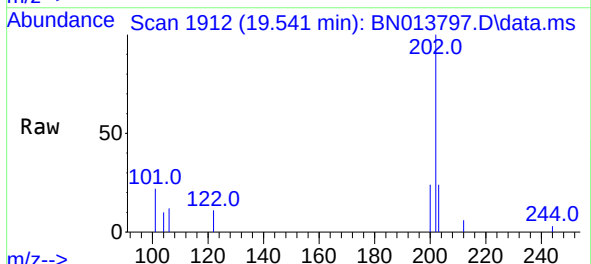
Instrument :
BNA_N
ClientSampleId :
GW806-31-36-022621

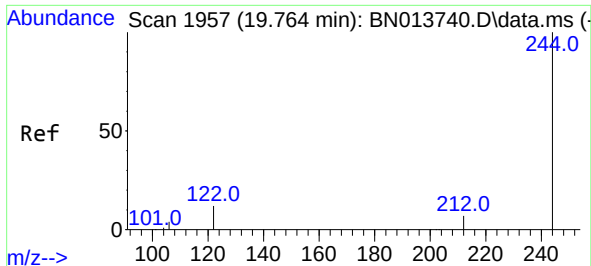
Tgt Ion:240 Resp: 27029
Ion Ratio Lower Upper
240 100
120 6.2 10.2 15.4#
236 25.4 21.3 31.9



#30
Pyrene
Concen: 0.03 ng
RT: 19.541 min Scan# 1912
Delta R.T. -0.007 min
Lab File: BN013797.D
Acq: 01 Mar 2021 18:40

Tgt Ion:202 Resp: 2633
Ion Ratio Lower Upper
202 100
200 26.1 16.3 24.5#
203 21.0 14.0 21.0#

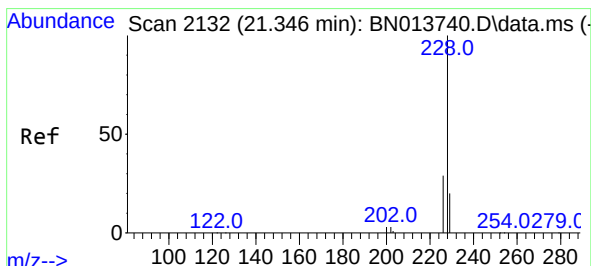
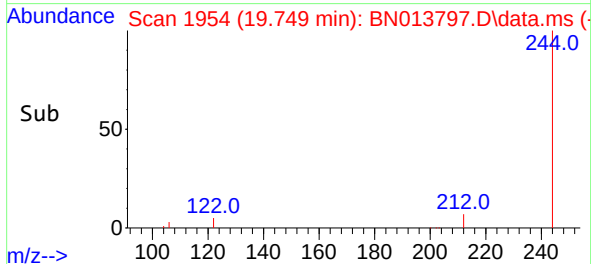
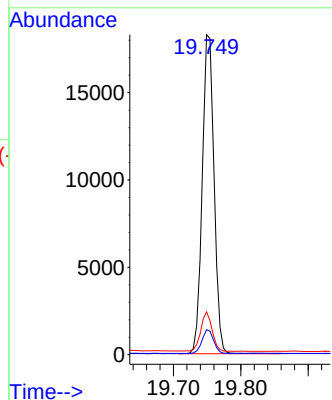
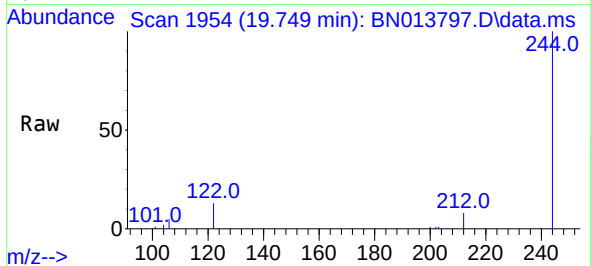




#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.749 min Scan# 1954
Delta R.T. -0.012 min
Lab File: BN013797.D
Acq: 01 Mar 2021 18:40

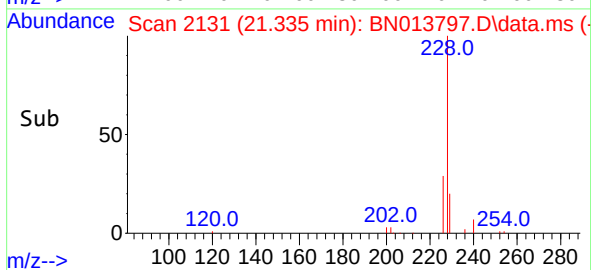
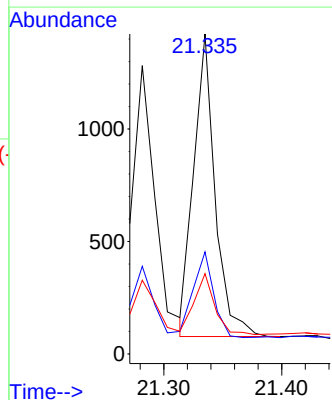
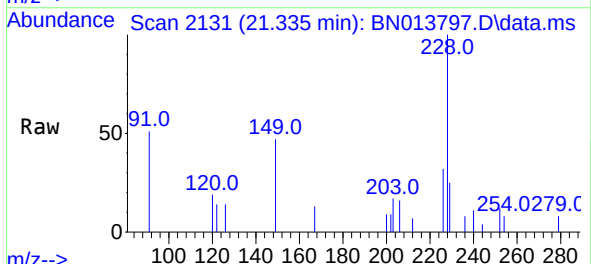
Instrument :
BNA_N
ClientSampleId :
GW806-31-36-022621

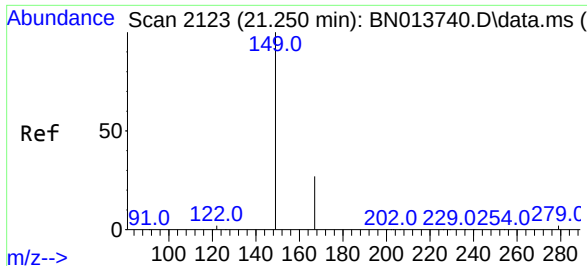
Tgt Ion:244 Resp: 22255
Ion Ratio Lower Upper
244 100
212 7.8 6.1 9.1
122 13.4 9.8 14.8



#33
Chrysene
Concen: 0.02 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.008 min
Lab File: BN013797.D
Acq: 01 Mar 2021 18:40

Tgt Ion:228 Resp: 1695
Ion Ratio Lower Upper
228 100
226 31.9 24.3 36.5
229 25.1 15.1 22.7#



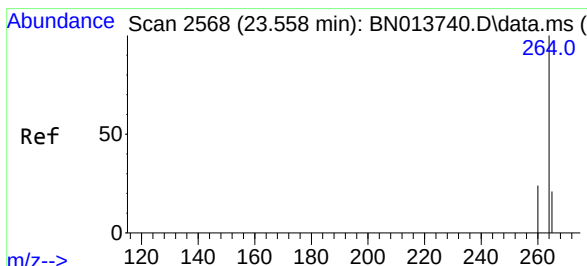
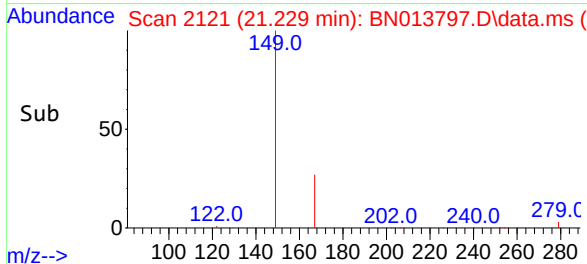
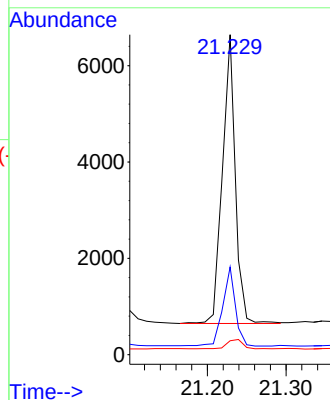
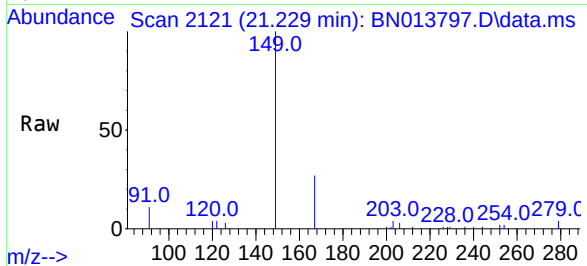


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.17 ng
 RT: 21.229 min Scan# 2121
 Delta R.T. -0.008 min
 Lab File: BN013797.D
 Acq: 01 Mar 2021 18:40

Instrument :
 BNA_N
 ClientSampleId :
 GW806-31-36-022621

Tgt Ion:149 Resp: 6797

Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.1	33.1
279	3.9	3.5	5.3



#36
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.544 min Scan# 2564
 Delta R.T. -0.008 min
 Lab File: BN013797.D
 Acq: 01 Mar 2021 18:40

Tgt Ion:264 Resp: 24679

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	33.6	66.2	99.4

