

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030121\
 Data File : BN013798.D
 Acq On : 01 Mar 2021 19:16
 Operator : CG/JU
 Sample : M1519-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Mar 01 23:30:02 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)

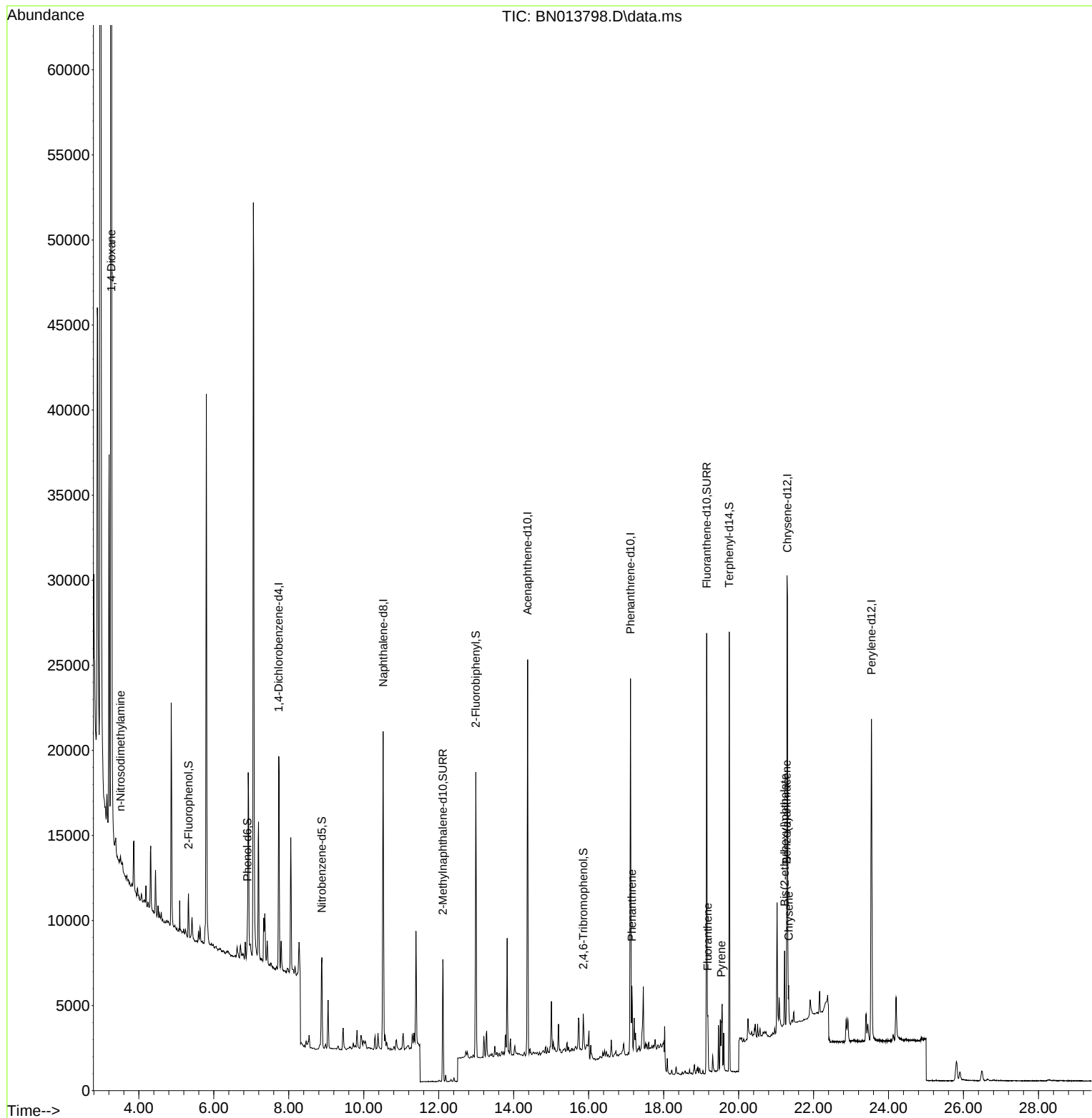
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	5948	0.40	ng	0.00
7) Naphthalene-d8	10.517	136	22975	0.40	ng	-0.01
13) Acenaphthene-d10	14.371	164	12631	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	27412	0.40	ng	-0.01
29) Chrysene-d12	21.303	240	27426	0.40	ng	# 0.00
36) Perylene-d12	23.544	264	25022	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.324	112	1807	0.11	ng	0.00
5) Phenol-d6	6.895	99	1466	0.07	ng	0.00
8) Nitrobenzene-d5	8.882	82	4581	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.111	152	9263	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	1445	0.28	ng	-0.01
15) 2-Fluorobiphenyl	12.988	172	13528	0.30	ng	-0.01
27) Fluoranthene-d10	19.148	212	27884	0.34	ng	0.00
31) Terphenyl-d14	19.749	244	25180	0.42	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.263	88	95582	13.29	ng	98
3) n-Nitrosodimethylamine	3.512	42	571	0.10	ng	# 1
25) Phenanthrene	17.152	178	4279	0.06	ng	# 94
28) Fluoranthene	19.178	202	2622	0.03	ng	# 90
30) Pyrene	19.541	202	2371	0.03	ng	# 89
32) Benzo(a)anthracene	21.282	228	1816	0.02	ng	# 92
33) Chrysene	21.335	228	1771	0.02	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.228	149	4141	0.10	ng	100

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

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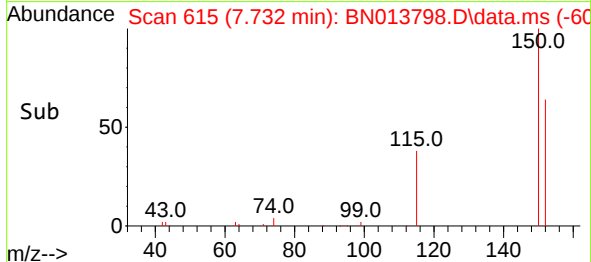
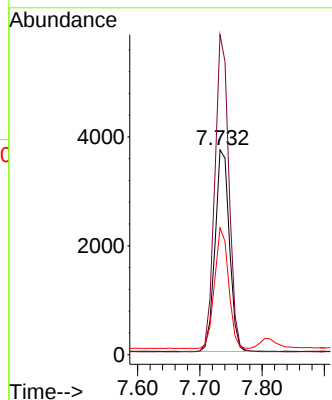
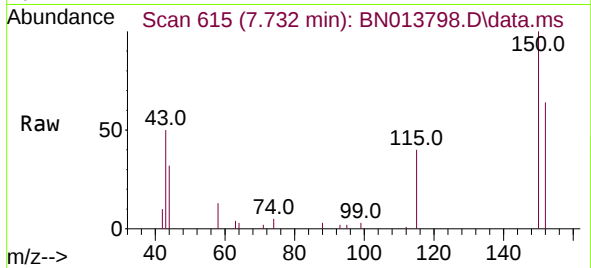




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.732 min Scan# 615
Delta R.T. -0.009 min
Lab File: BN013798.D
Acq: 01 Mar 2021 19:16

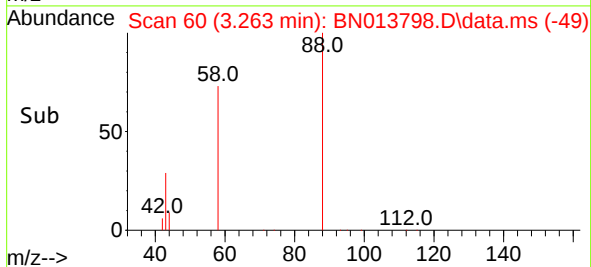
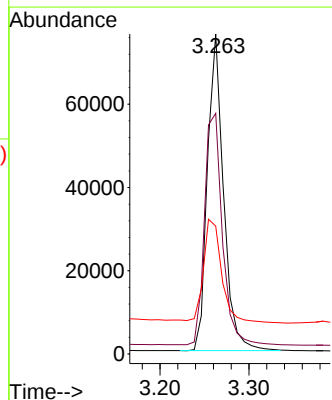
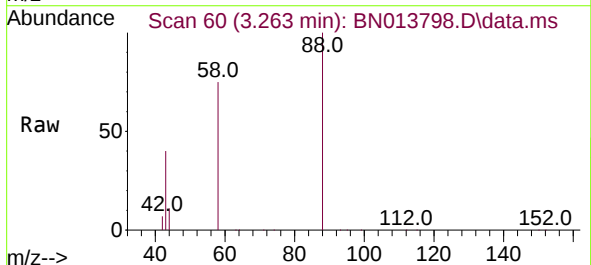
Instrument :
BNA_N
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GW806-31-36-022621-FD

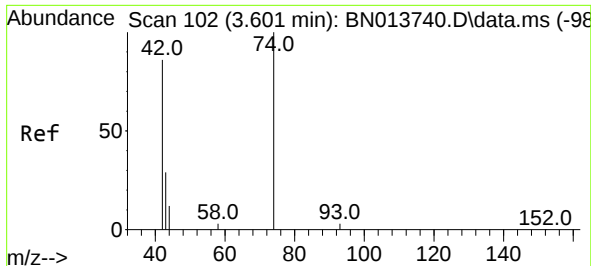
Tgt Ion:152 Resp: 5948
Ion Ratio Lower Upper
152 100
150 156.2 121.8 182.8
115 61.9 46.6 69.8



#2
1,4-Dioxane
Concen: 13.29 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN013798.D
Acq: 01 Mar 2021 19:16

Tgt Ion: 88 Resp: 95582
Ion Ratio Lower Upper
88 100
58 80.6 64.6 96.8
43 36.8 26.6 40.0

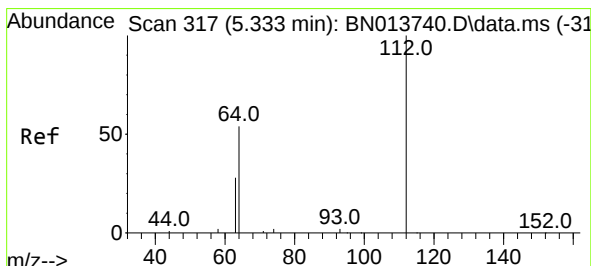
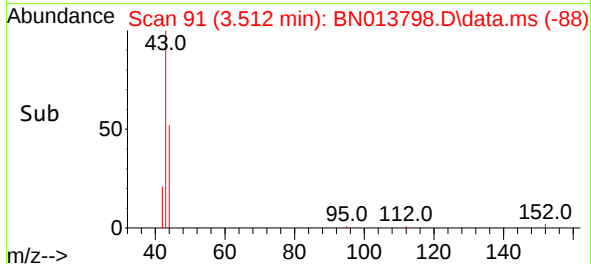
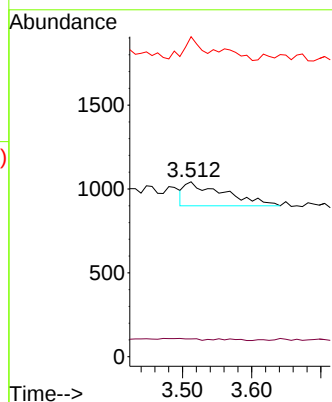
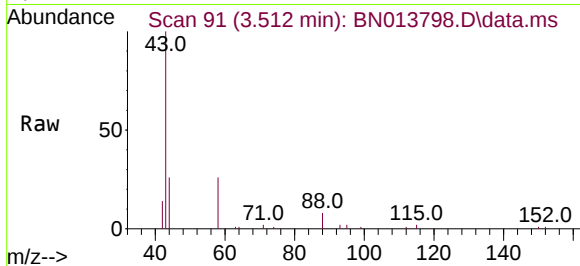




#3
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.512 min Scan# 91
Delta R.T. -0.073 min
Lab File: BN013798.D
Acq: 01 Mar 2021 19:16

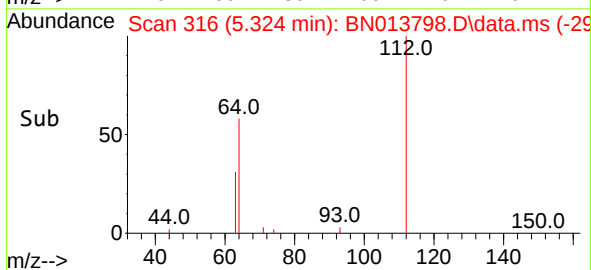
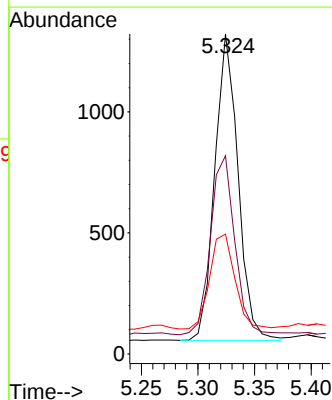
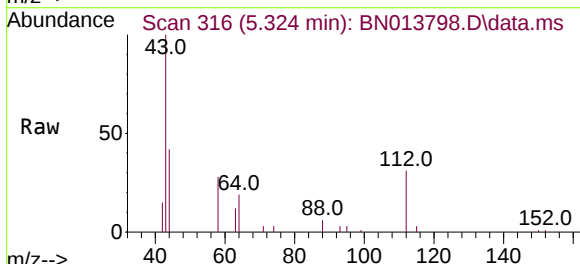
Instrument :
BNA_N
ClientSampleId :
GW806-31-36-022621-FD

Tgt Ion: 42 Resp: 571
Ion Ratio Lower Upper
42 100
74 0.0 95.0 142.6#
44 25.4 5.8 8.8#



#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.324 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN013798.D
Acq: 01 Mar 2021 19:16

Tgt Ion: 112 Resp: 1807
Ion Ratio Lower Upper
112 100
64 62.0 44.3 66.5
63 34.4 23.0 34.6

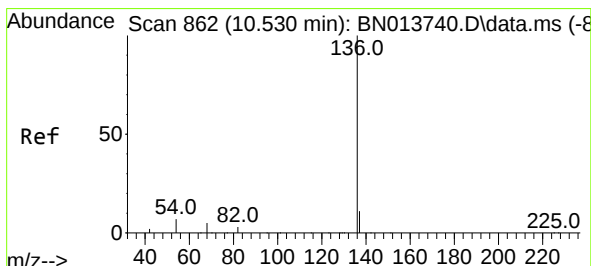
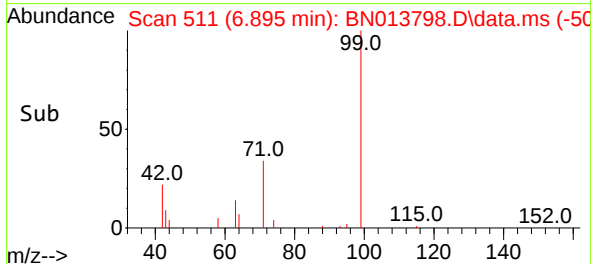
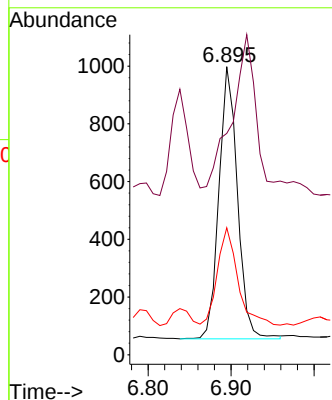
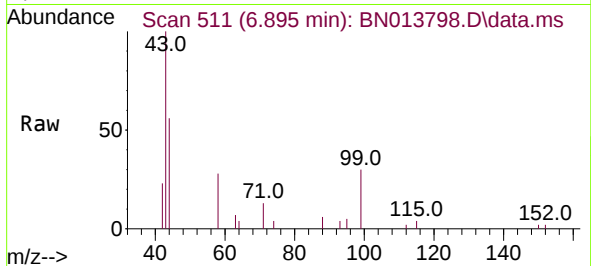




#5
Phenol-d6
Concen: 0.07 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.008 min
Lab File: BN013798.D
Acq: 01 Mar 2021 19:16

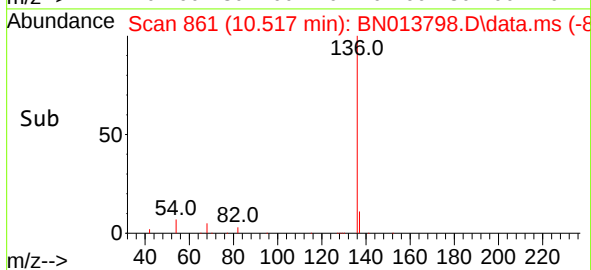
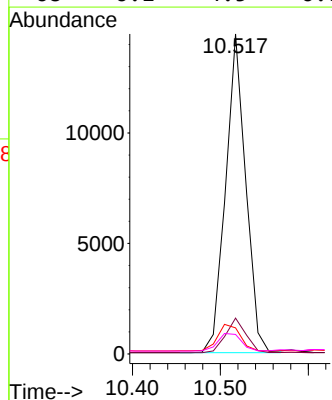
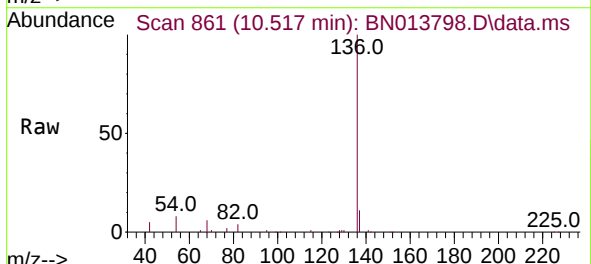
Instrument :
BNA_N
ClientSampleId :
GW806-31-36-022621-FD

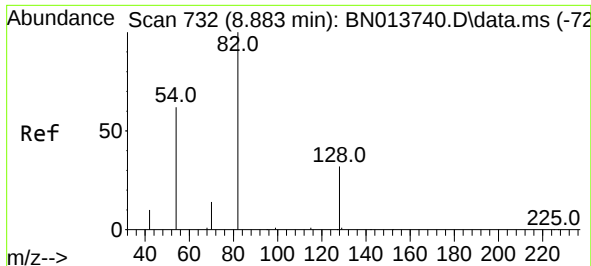
Tgt Ion: 99 Resp: 1466
Ion Ratio Lower Upper
99 100
42 0.0 15.2 22.8#
71 39.0 26.1 39.1



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.517 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013798.D
Acq: 01 Mar 2021 19:16

Tgt Ion: 136 Resp: 22975
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 8.2 6.4 9.6
68 6.1 4.5 6.7

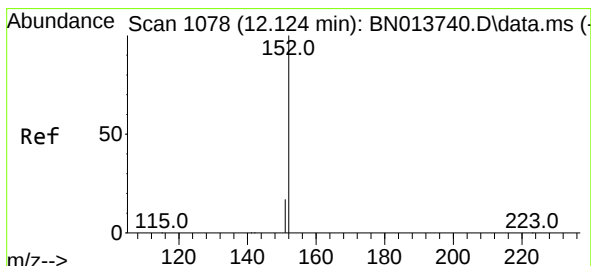
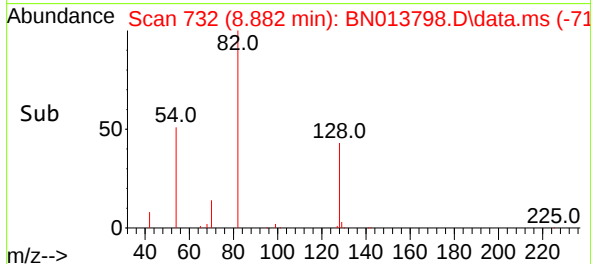
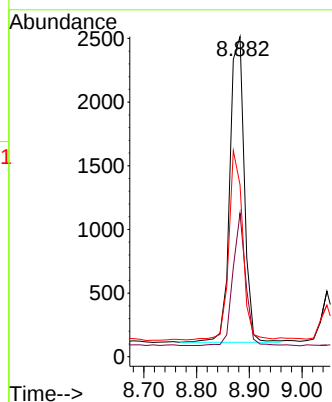
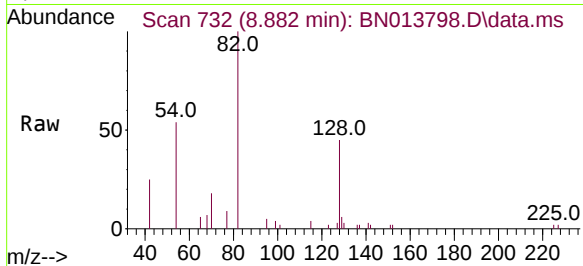




#8
Nitrobenzene-d5
Concen: 0.31 ng
RT: 8.882 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN013798.D
Acq: 01 Mar 2021 19:16

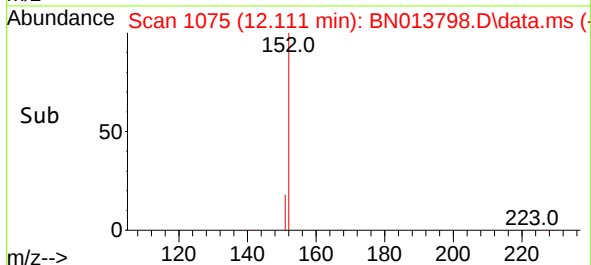
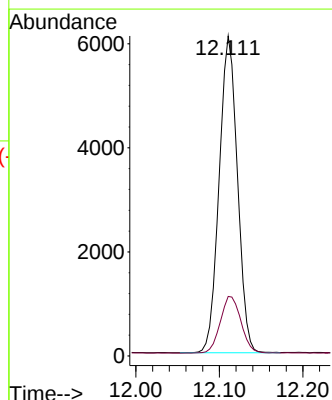
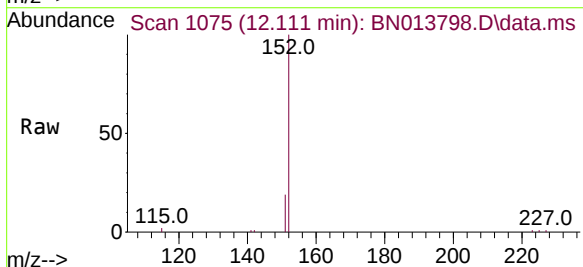
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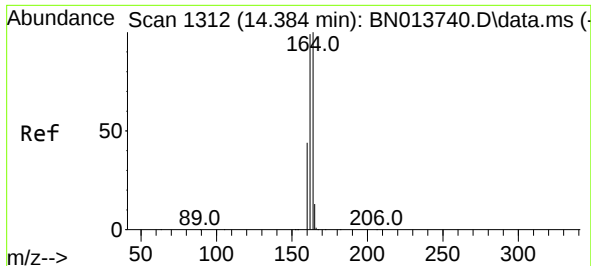
Tgt Ion: 82 Resp: 4581
Ion Ratio Lower Upper
82 100
128 44.9 39.2 58.8
54 53.7 40.1 60.1



#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 12.111 min Scan# 1075
Delta R.T. -0.009 min
Lab File: BN013798.D
Acq: 01 Mar 2021 19:16

Tgt Ion: 152 Resp: 9263
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2

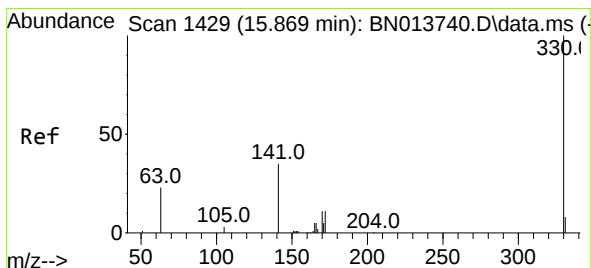
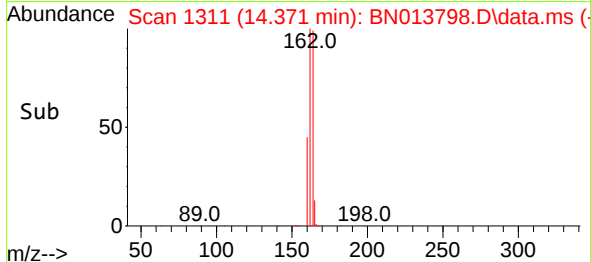
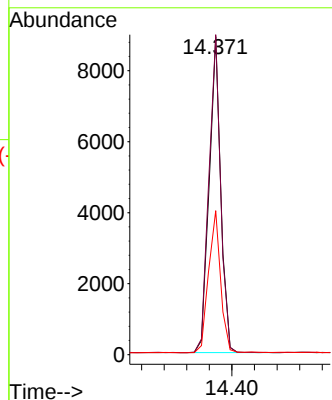
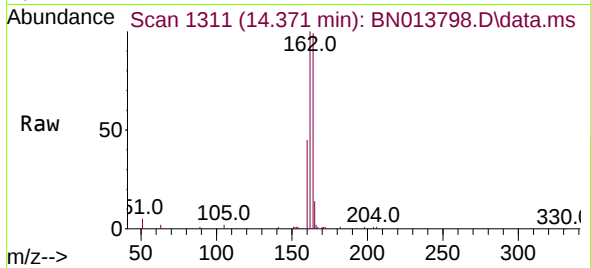




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.371 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013798.D
Acq: 01 Mar 2021 19:16

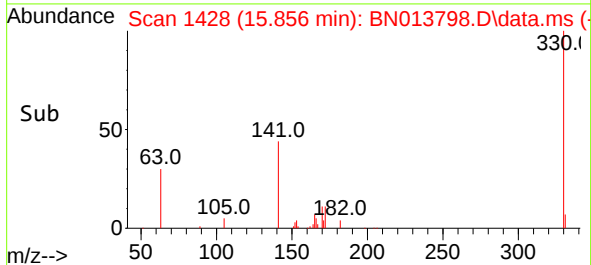
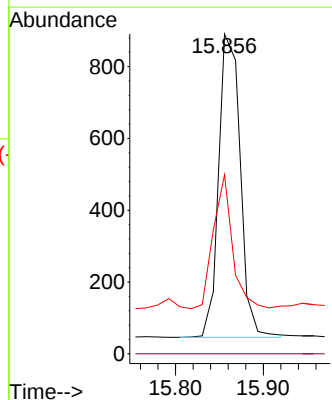
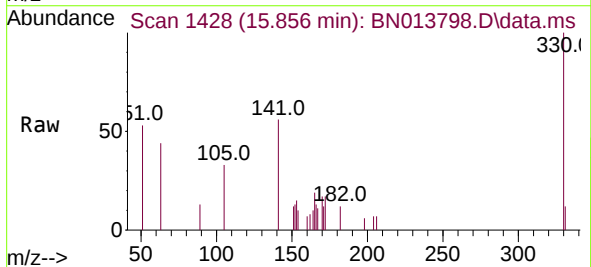
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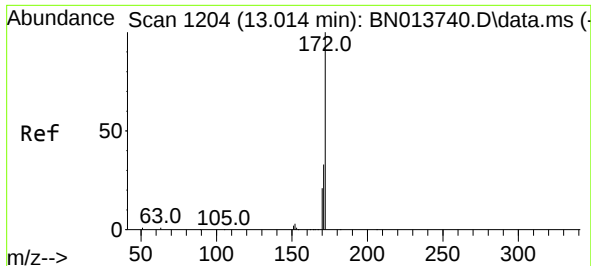
Tgt Ion:164	Resp:	12631
Ion Ratio	Lower	Upper
164	100	
162	100.6	79.6 119.4
160	45.2	36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN013798.D
Acq: 01 Mar 2021 19:16

Tgt Ion:330	Resp:	1445
Ion Ratio	Lower	Upper
330	100	
332	0.0	0.0 0.0
141	39.0	26.8 40.2

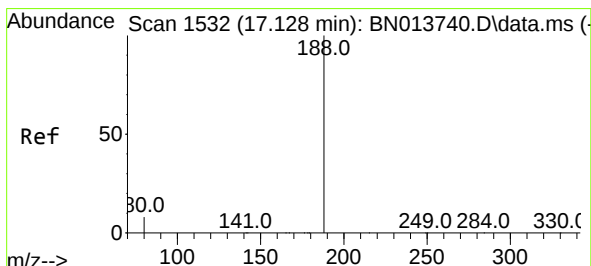
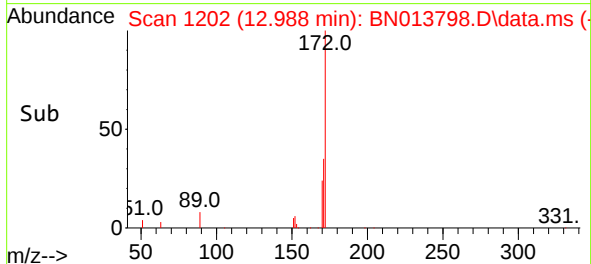
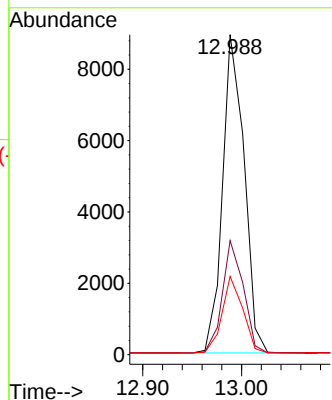
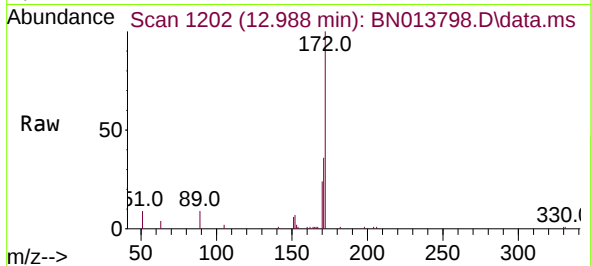




#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 12.988 min Scan# 1202
Delta R.T. -0.013 min
Lab File: BN013798.D
Acq: 01 Mar 2021 19:16

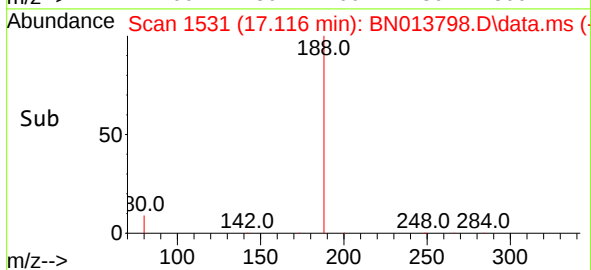
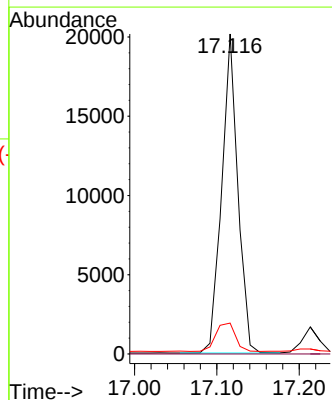
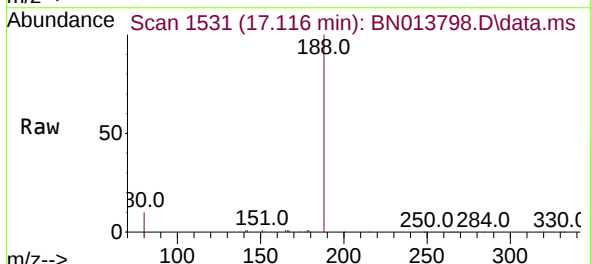
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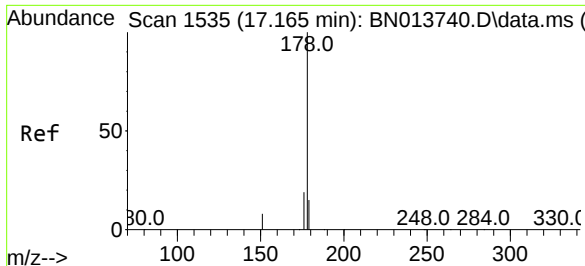
Tgt Ion:172	Resp:	13528
Ion Ratio	Lower	Upper
172	100	
171	35.7	28.6 42.8
170	24.4	18.9 28.3



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013798.D
Acq: 01 Mar 2021 19:16

Tgt Ion:188	Resp:	27412
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	9.6	9.0 13.6

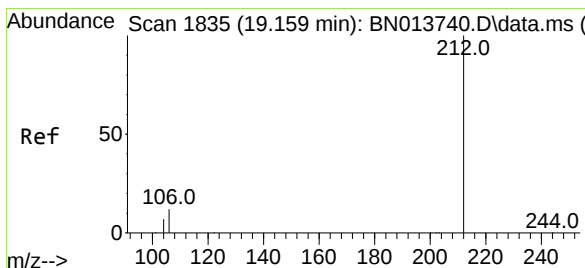
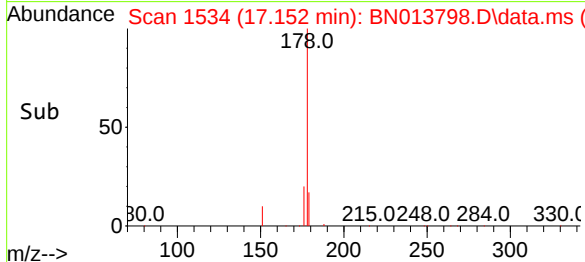
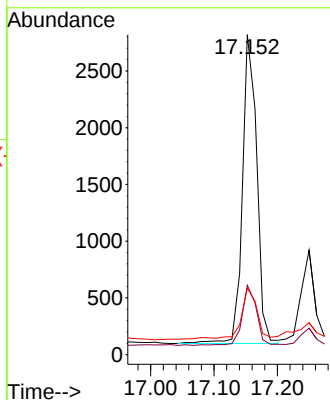
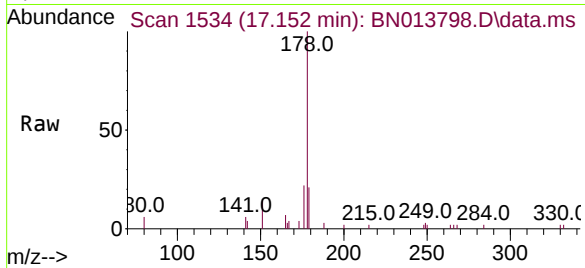




#25
Phenanthrene
Concen: 0.06 ng
RT: 17.152 min Scan# 1534
Delta R.T. -0.012 min
Lab File: BN013798.D
Acq: 01 Mar 2021 19:16

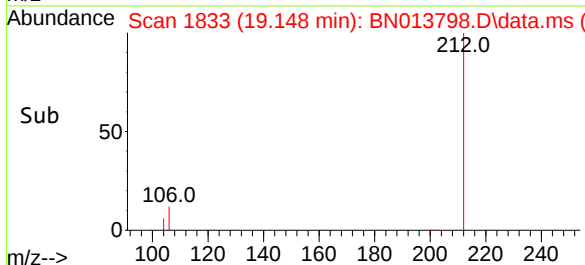
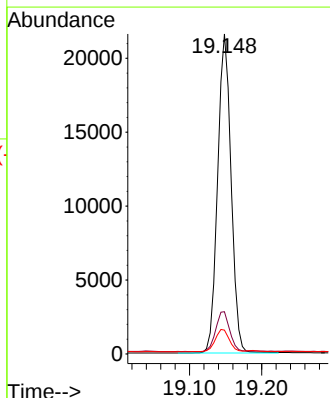
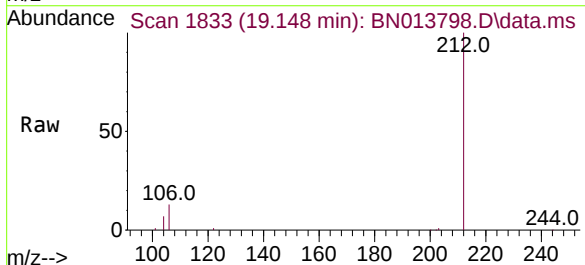
Instrument :
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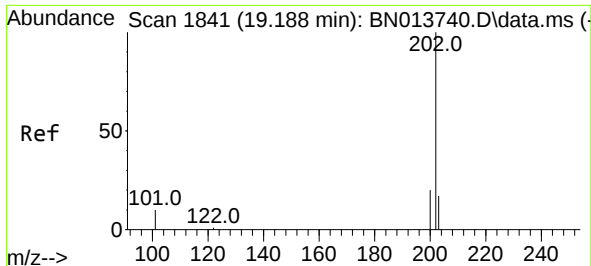
Tgt Ion:178 Resp: 4279
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.4
179 19.4 12.3 18.5#



#27
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.148 min Scan# 1833
Delta R.T. -0.008 min
Lab File: BN013798.D
Acq: 01 Mar 2021 19:16

Tgt Ion:212 Resp: 27884
Ion Ratio Lower Upper
212 100
106 13.0 9.7 14.5
104 7.3 5.5 8.3

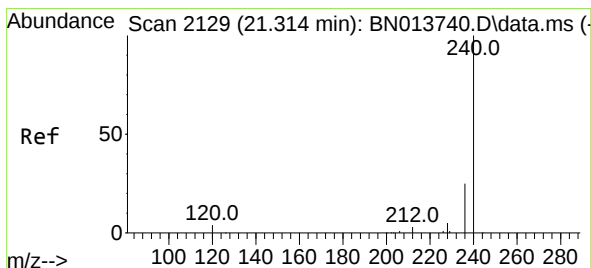
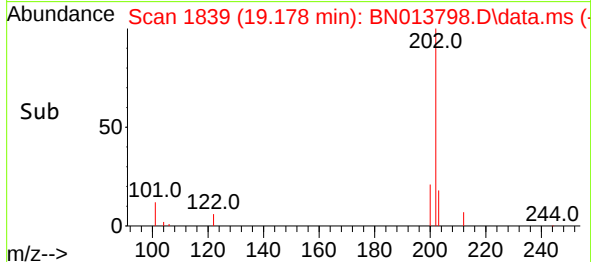
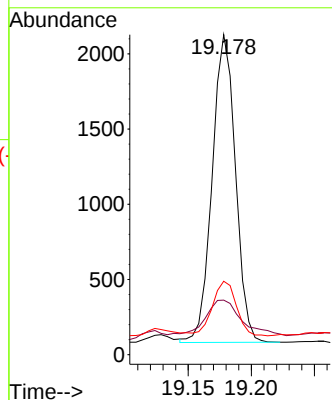
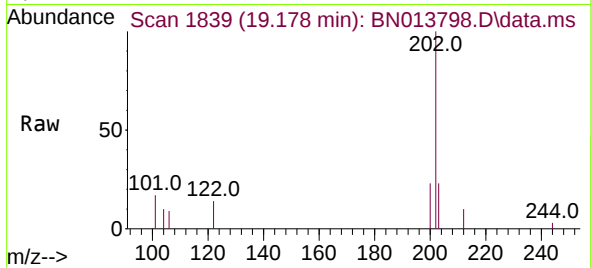




#28
Fluoranthene
Concen: 0.03 ng
RT: 19.178 min Scan# 1839
Delta R.T. -0.008 min
Lab File: BN013798.D
Acq: 01 Mar 2021 19:16

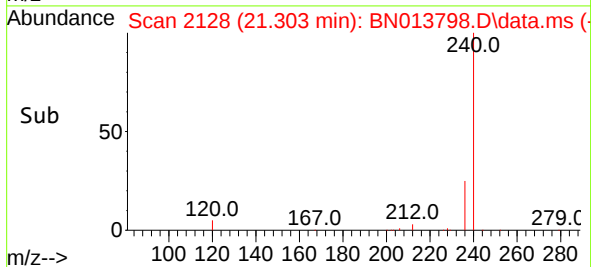
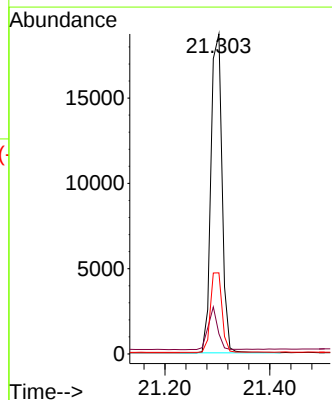
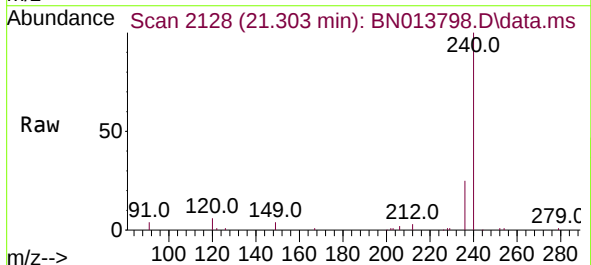
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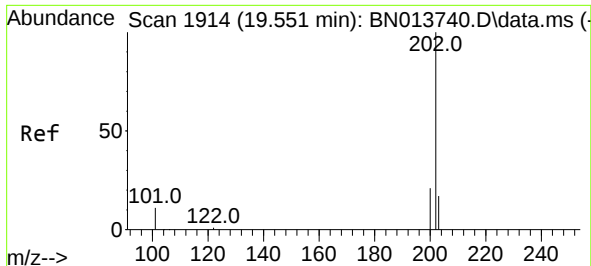
Tgt Ion:202 Resp: 2622
Ion Ratio Lower Upper
202 100
101 18.7 8.1 12.1#
203 18.2 13.9 20.9



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2128
Delta R.T. 0.002 min
Lab File: BN013798.D
Acq: 01 Mar 2021 19:16

Tgt Ion:240 Resp: 27426
Ion Ratio Lower Upper
240 100
120 6.3 10.2 15.4#
236 25.4 21.3 31.9

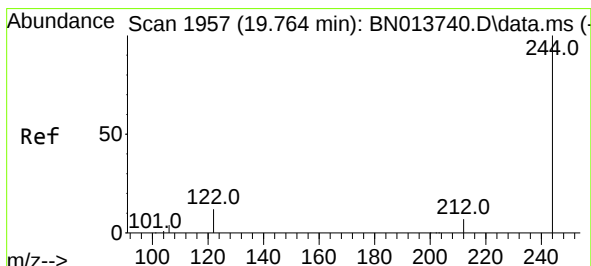
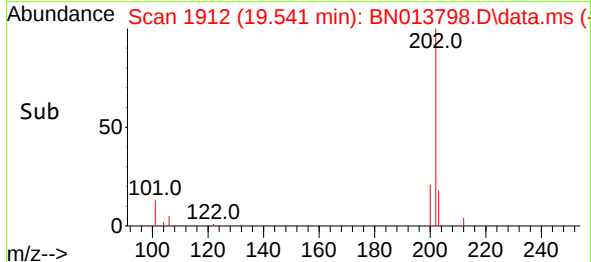
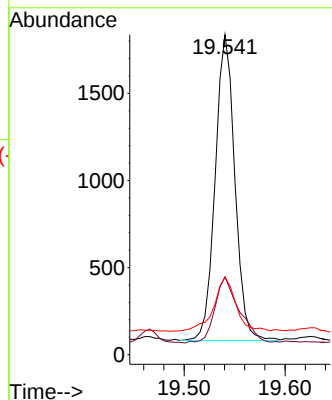
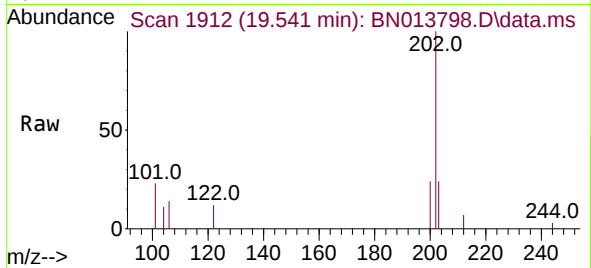




#30
Pyrene
Concen: 0.03 ng
RT: 19.541 min Scan# 1912
Delta R.T. -0.008 min
Lab File: BN013798.D
Acq: 01 Mar 2021 19:16

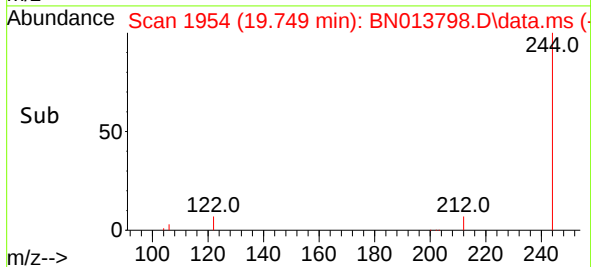
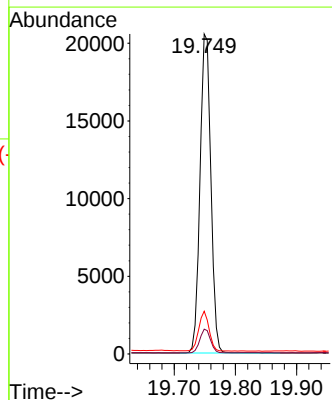
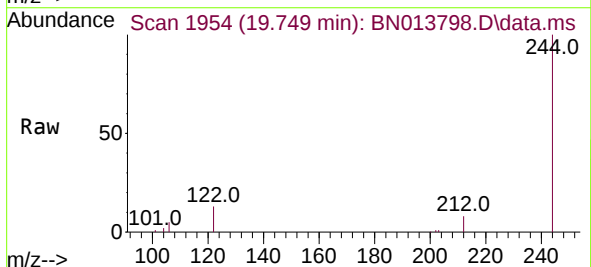
Instrument :
BNA_N
ClientSampleId :
GW806-31-36-022621-FD

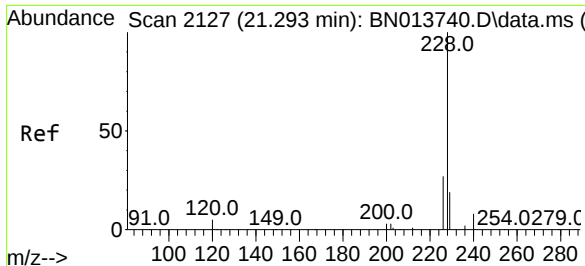
Tgt Ion:202 Resp: 2371
Ion Ratio Lower Upper
202 100
200 27.0 16.3 24.5#
203 20.4 14.0 21.0



#31
Terphenyl-d14
Concen: 0.42 ng
RT: 19.749 min Scan# 1954
Delta R.T. -0.012 min
Lab File: BN013798.D
Acq: 01 Mar 2021 19:16

Tgt Ion:244 Resp: 25180
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 13.4 9.8 14.8

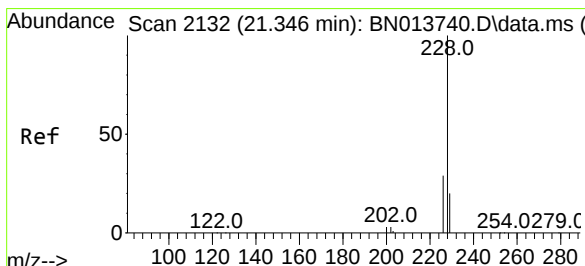
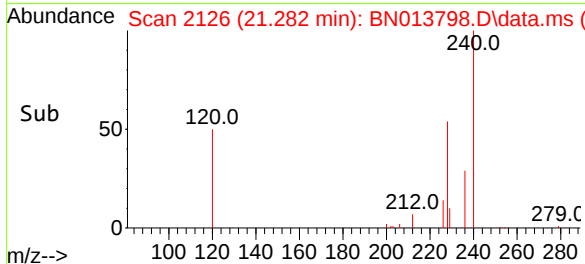
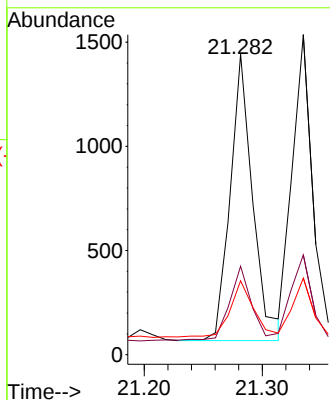
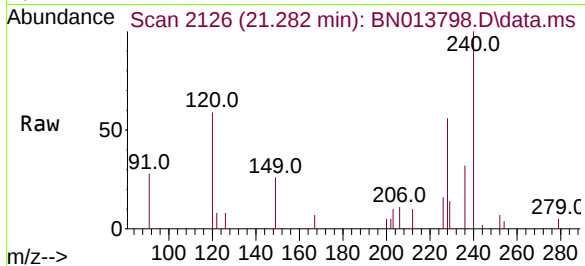




#32
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.282 min Scan# 2126
Delta R.T. -0.008 min
Lab File: BN013798.D
Acq: 01 Mar 2021 19:16

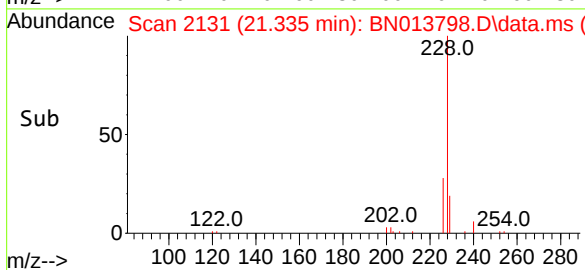
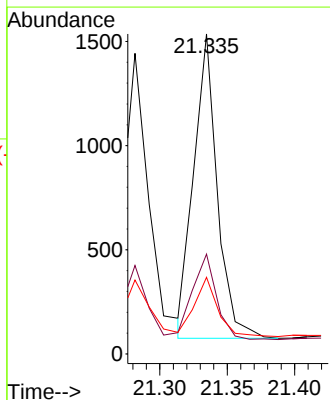
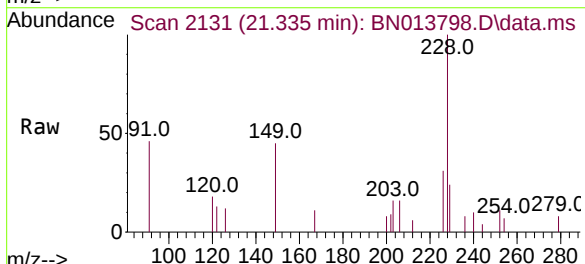
Instrument :
BNA_N
ClientSampleId :
GW806-31-36-022621-FD

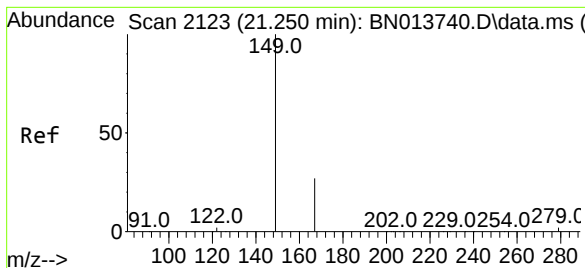
Tgt Ion:228 Resp: 1816
Ion Ratio Lower Upper
228 100
226 29.5 20.5 30.7
229 24.6 16.2 24.4#



#33
Chrysene
Concen: 0.02 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.008 min
Lab File: BN013798.D
Acq: 01 Mar 2021 19:16

Tgt Ion:228 Resp: 1771
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 24.0 15.1 22.7#

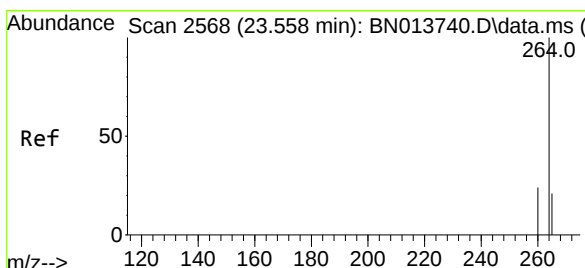
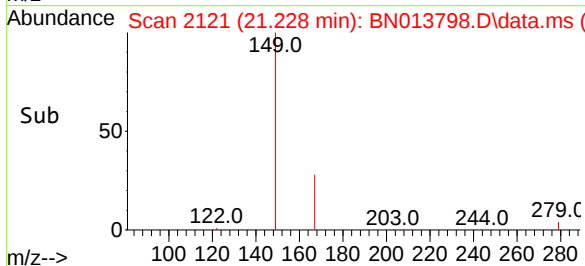
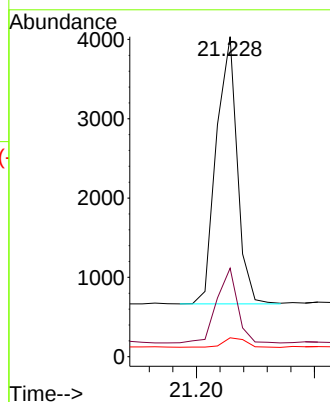
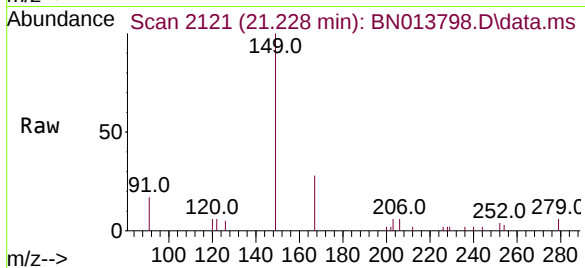




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.10 ng
 RT: 21.228 min Scan# 2121
 Delta R.T. -0.008 min
 Lab File: BN013798.D
 Acq: 01 Mar 2021 19:16

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

Tgt Ion:	149	Resp:	4141
Ion Ratio	Lower	Upper	
149	100		
167	27.6	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: BN013798.D
 Acq: 01 Mar 2021 19:16

Tgt Ion:	264	Resp:	25022
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.3	28.9
265	33.5	66.2	99.4#

