

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050121\
 Data File : BN014512.D
 Acq On : 01 May 2021 13:30
 Operator : CG/JU
 Sample : M2208-03RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW8-GW-378-380RE

Quant Time: May 02 02:18:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN043021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 30 17:46:00 2021
 Response via : Initial Calibration

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

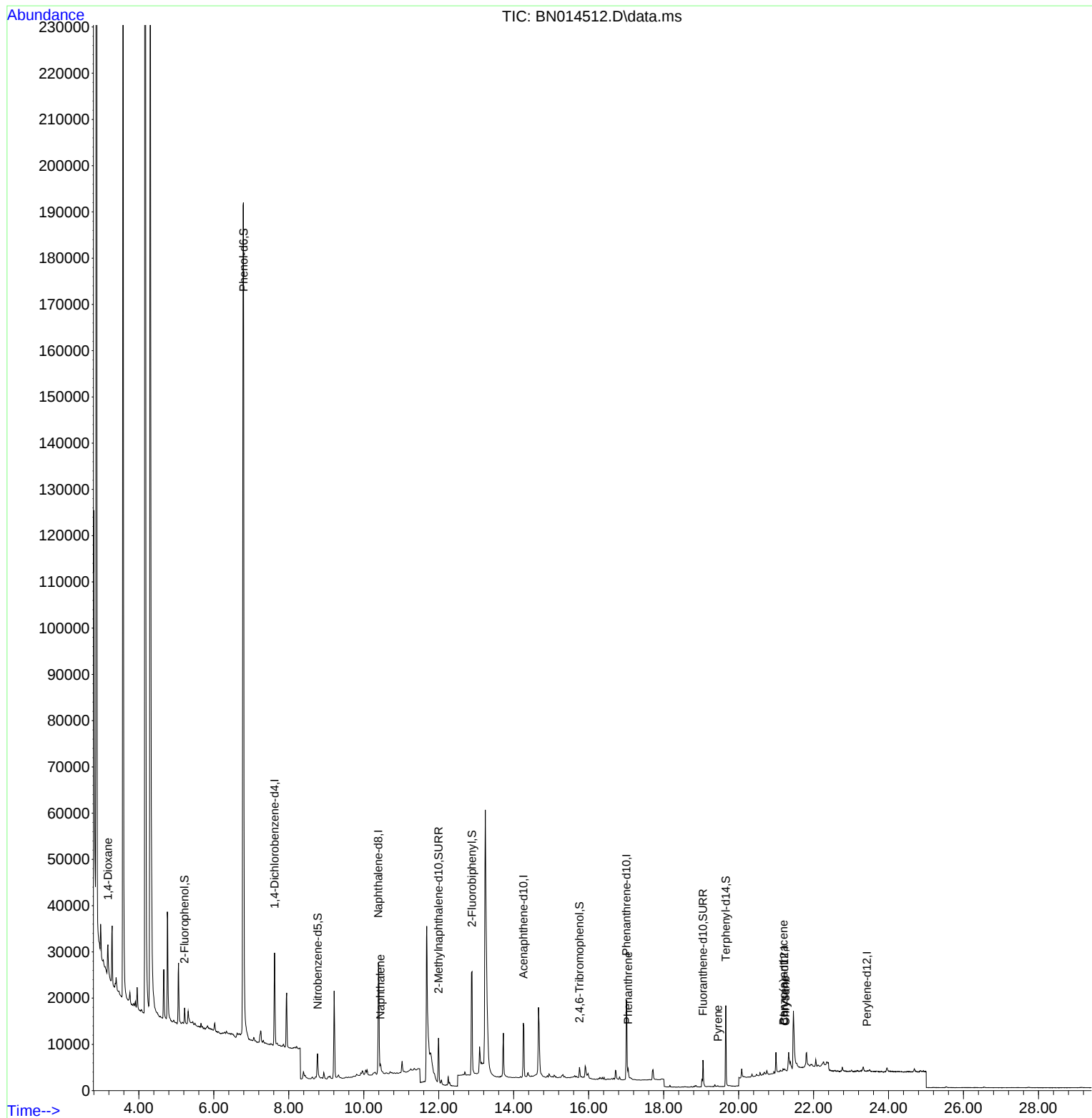
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.620	152	9926	0.40	ng	0.00
7) Naphthalene-d8	10.391	136	36879	0.40	ng	#-0.01
13) Acenaphthene-d10	14.257	164	7293	0.40	ng	#-0.01
19) Phenanthrene-d10	17.007	188	26710	0.40	ng	#-0.01
29) Chrysene-d12	21.218	240	370	0.40	ng	# 0.00
35) Perylene-d12	23.421	264	3	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	2987	0.15	ng	0.00
5) Phenol-d6	6.790	99	3943	0.17	ng	0.00
8) Nitrobenzene-d5	8.769	82	5473	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	11.995	152	12833	0.17	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	1841	0.81	ng	-0.01
15) 2-Fluorobiphenyl	12.887	172	23529	0.84	ng	0.00
27) Fluoranthene-d10	19.049	212	6964	0.07	ng	0.00
31) Terphenyl-d14	19.660	244	18432	21.58	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.174	88	5886	0.50	ng	# 70
9) Naphthalene	10.442	128	2378	0.02	ng	# 83
25) Phenanthrene	17.055	178	1939	0.03	ng	# 83
30) Pyrene	19.447	202	174	0.14	ng	# 41
32) Benzo(a)anthracene	21.197	228	141	0.13	ng	# 4
33) Chrysene	21.250	228	117	0.10	ng	# 25

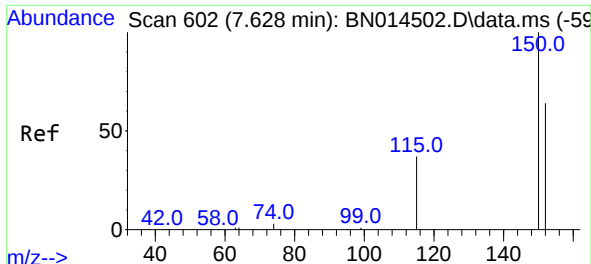
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-RW8-GW-378-380RE

Quant Time: May 02 02:18:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 30 17:46:00 2021
Response via : Initial Calibration

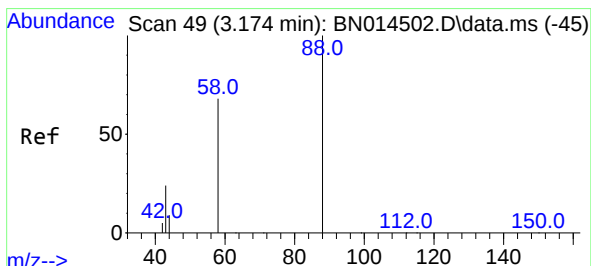
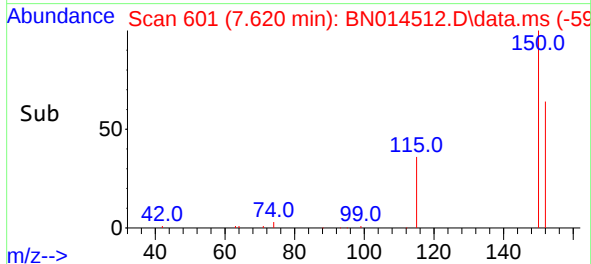
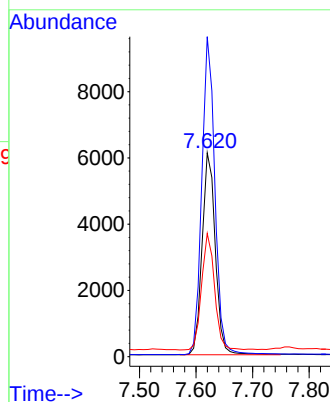
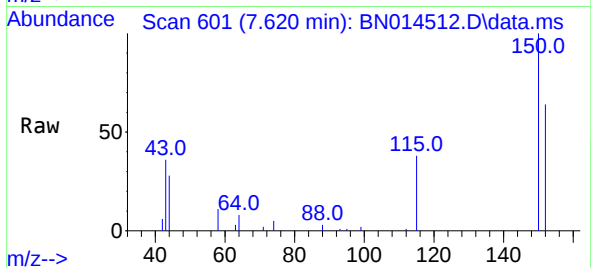




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.620 min Scan# 601
Delta R.T. -0.008 min
Lab File: BN014512.D
Acq: 01 May 2021 13:30

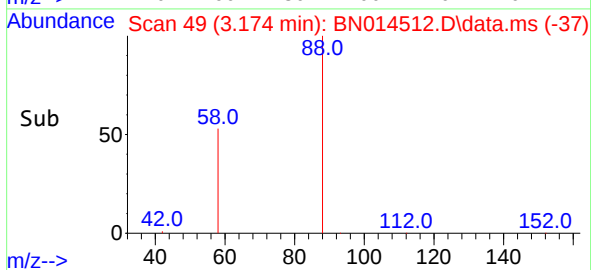
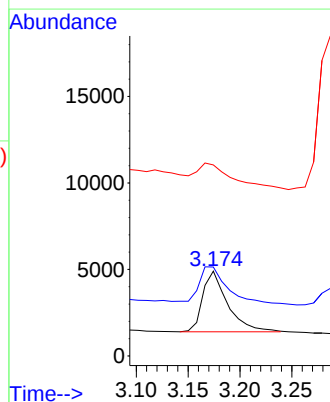
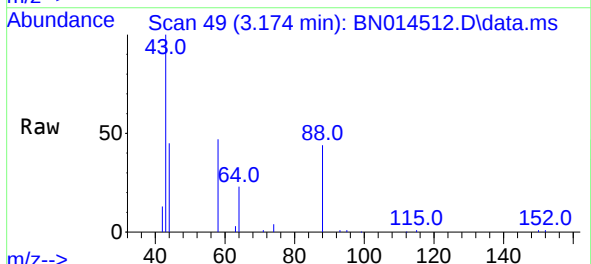
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380RE

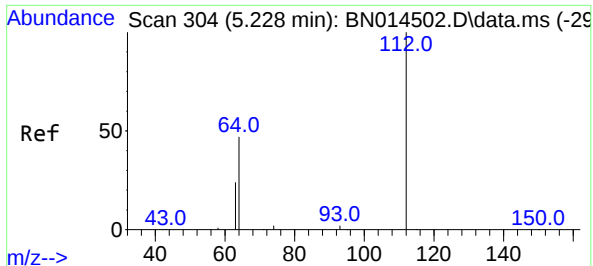
Tgt Ion:152 Resp: 9926
Ion Ratio Lower Upper
152 100
150 157.0 123.8 185.8
115 60.4 47.0 70.4



#2
1,4-Dioxane
Concen: 0.50 ng
RT: 3.174 min Scan# 49
Delta R.T. -0.000 min
Lab File: BN014512.D
Acq: 01 May 2021 13:30

Tgt Ion: 88 Resp: 5886
Ion Ratio Lower Upper
88 100
58 66.9 44.4 66.6#
43 52.3 15.9 23.9#

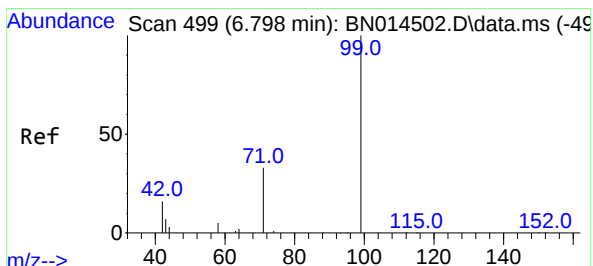
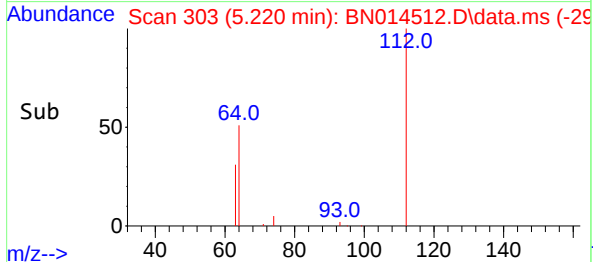
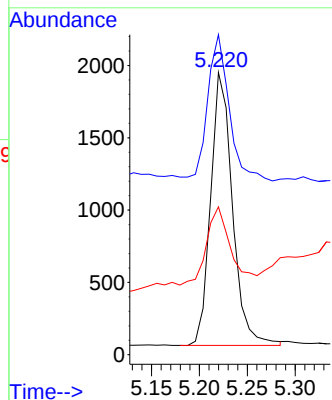
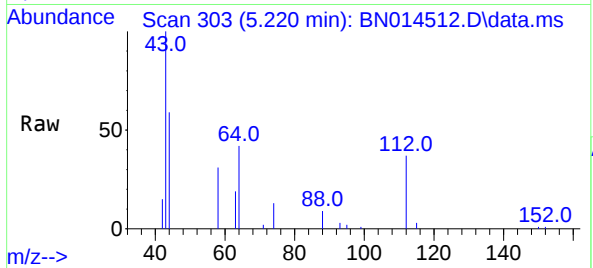




#4
2-Fluorophenol
Concen: 0.15 ng
RT: 5.220 min Scan# 303
Delta R.T. -0.008 min
Lab File: BN014512.D
Acq: 01 May 2021 13:30

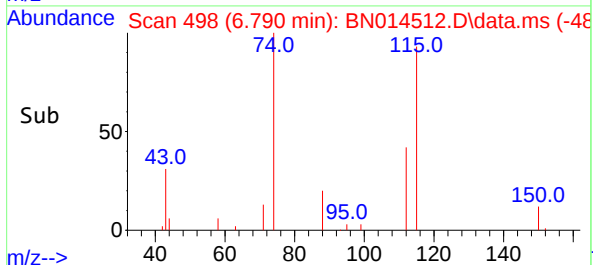
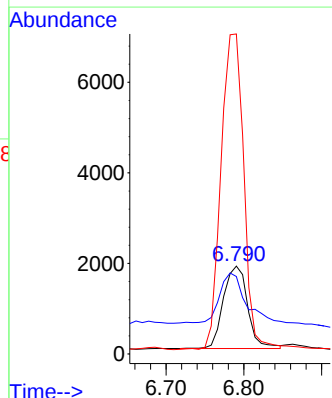
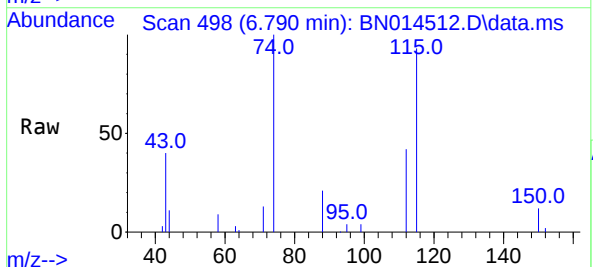
Instrument :
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ClientSampleId :
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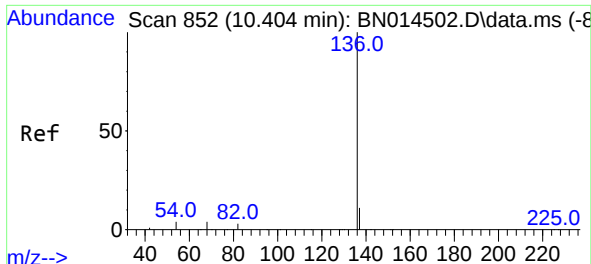
Tgt Ion:112 Resp: 2987
Ion Ratio Lower Upper
112 100
64 52.6 41.8 62.6
63 37.9 22.0 33.0#



#5
Phenol-d6
Concen: 0.17 ng
RT: 6.790 min Scan# 498
Delta R.T. -0.008 min
Lab File: BN014512.D
Acq: 01 May 2021 13:30

Tgt Ion: 99 Resp: 3943
Ion Ratio Lower Upper
99 100
42 65.8 13.2 19.8#
71 361.7 26.2 39.2#



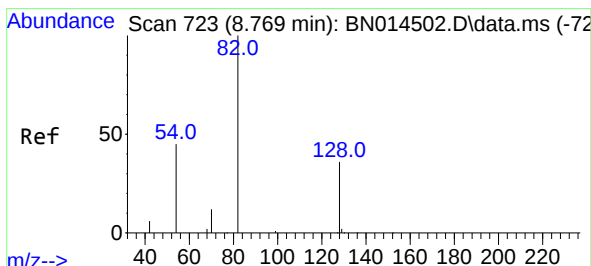
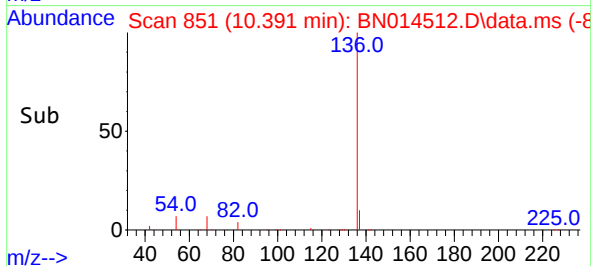
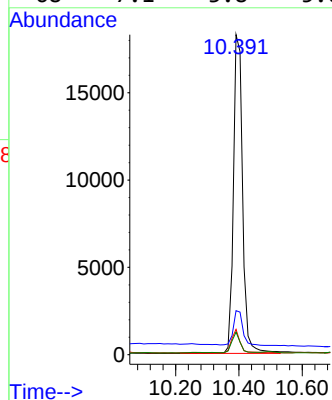
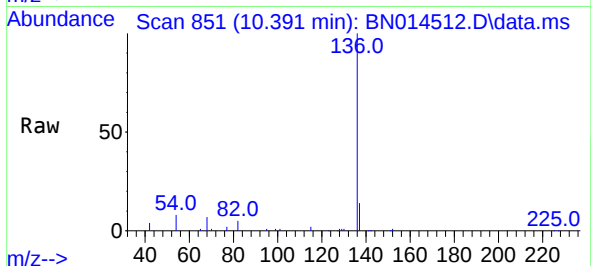


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.391 min Scan# 851
Delta R.T. -0.013 min
Lab File: BN014512.D
Acq: 01 May 2021 13:30

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380RE

Tgt Ion: 136 Resp: 36879

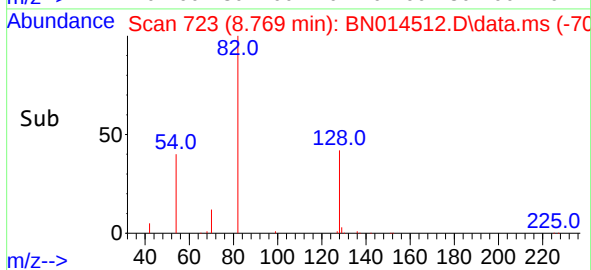
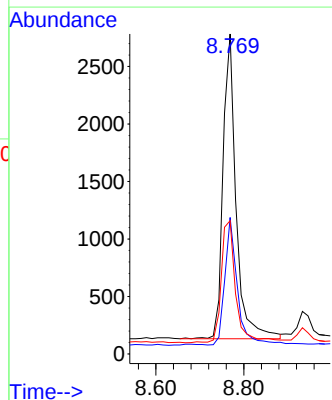
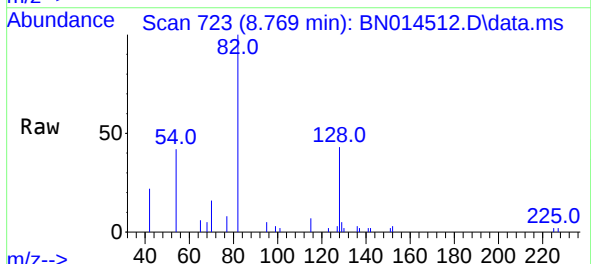
Ion	Ratio	Lower	Upper
136	100		
137	13.7	8.9	13.3#
54	7.9	3.8	5.8#
68	7.1	3.8	5.6#

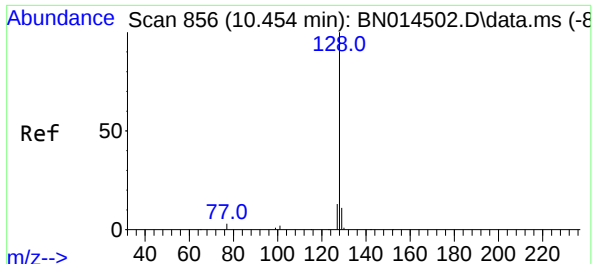


#8
Nitrobenzene-d5
Concen: 0.26 ng
RT: 8.769 min Scan# 723
Delta R.T. -0.000 min
Lab File: BN014512.D
Acq: 01 May 2021 13:30

Tgt Ion: 82 Resp: 5473

Ion	Ratio	Lower	Upper
82	100		
128	42.7	29.5	44.3
54	41.6	36.9	55.3

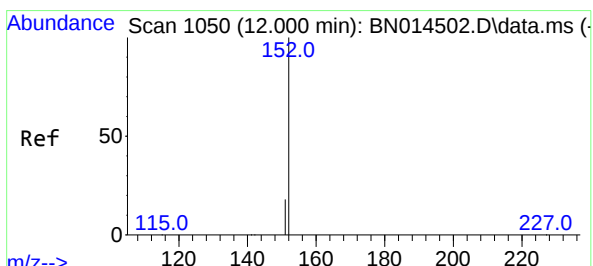
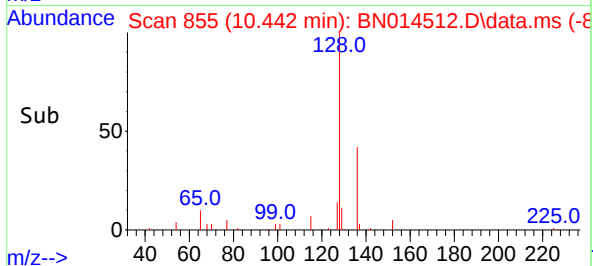
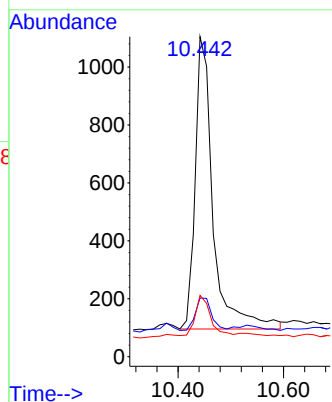
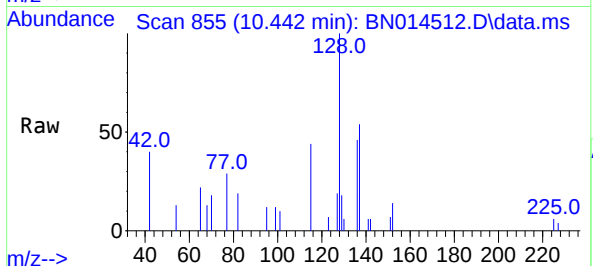




#9
Naphthalene
Concen: 0.02 ng
RT: 10.442 min Scan# 855
Delta R.T. -0.013 min
Lab File: BN014512.D
Acq: 01 May 2021 13:30

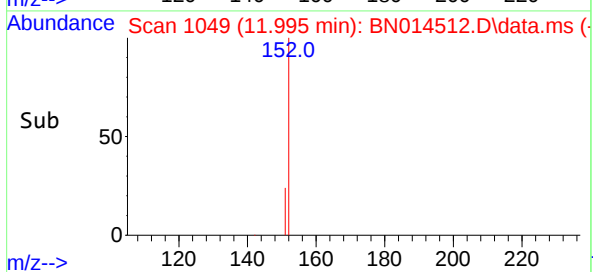
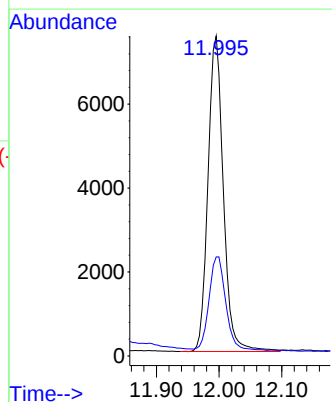
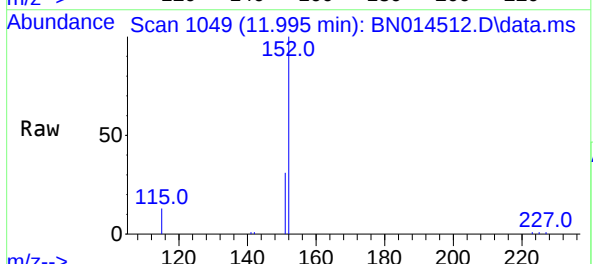
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380RE

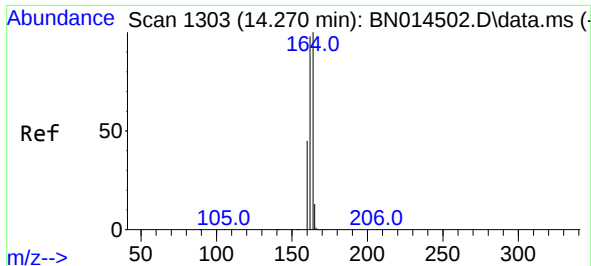
Tgt Ion:128 Resp: 2378
Ion Ratio Lower Upper
128 100
129 18.4 9.0 13.4#
127 19.2 10.4 15.6#



#11
2-Methylnaphthalene-d10
Concen: 0.17 ng
RT: 11.995 min Scan# 1049
Delta R.T. -0.005 min
Lab File: BN014512.D
Acq: 01 May 2021 13:30

Tgt Ion:152 Resp: 12833
Ion Ratio Lower Upper
152 100
151 31.9 16.2 24.2#

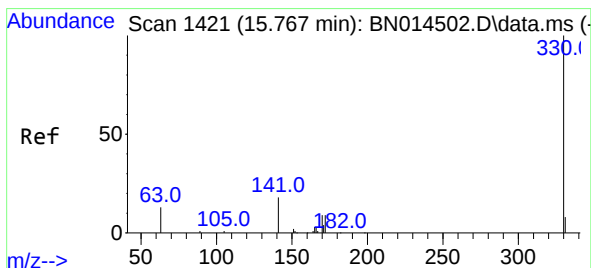
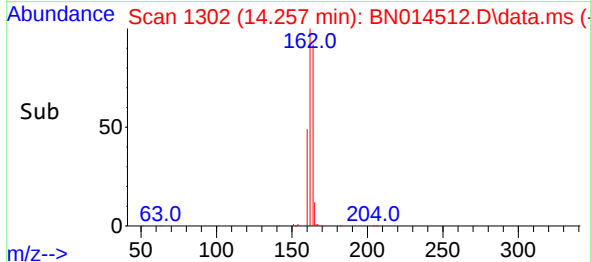
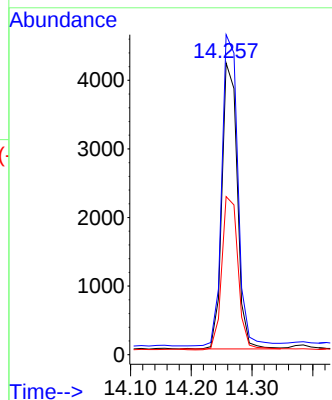
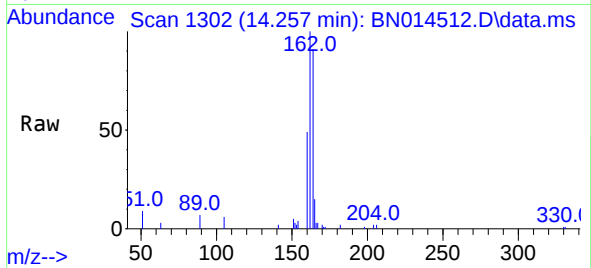




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.257 min Scan# 1302
Delta R.T. -0.013 min
Lab File: BN014512.D
Acq: 01 May 2021 13:30

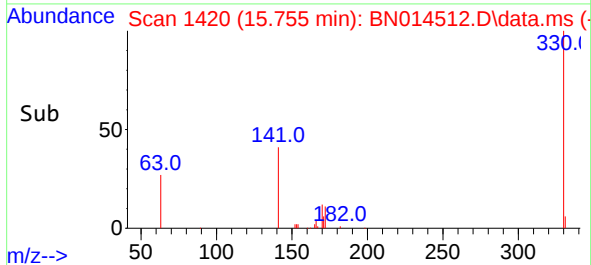
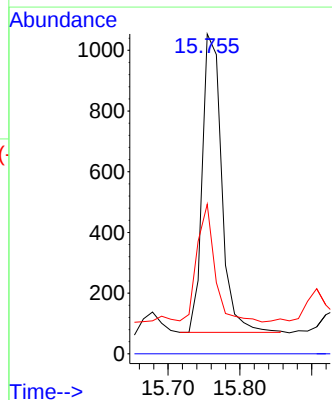
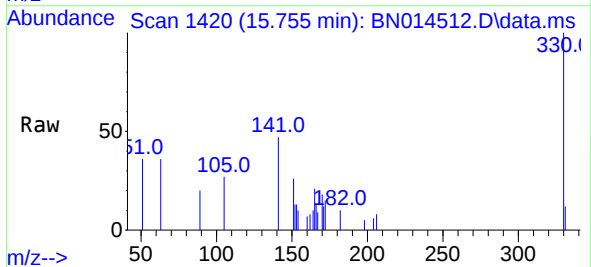
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ClientSampleId :
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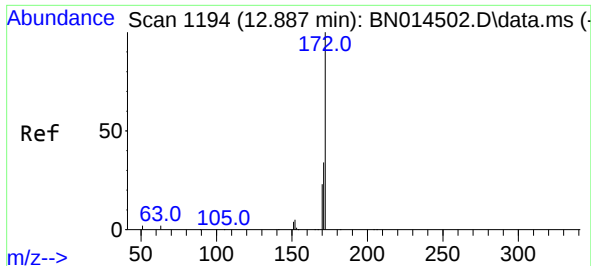
Tgt Ion:164 Resp: 7293
Ion Ratio Lower Upper
164 100
162 109.7 78.6 118.0
160 54.2 35.8 53.8#



#14
2,4,6-Tribromophenol
Concen: 0.81 ng
RT: 15.755 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BN014512.D
Acq: 01 May 2021 13:30

Tgt Ion:330 Resp: 1841
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.3 27.0 40.4

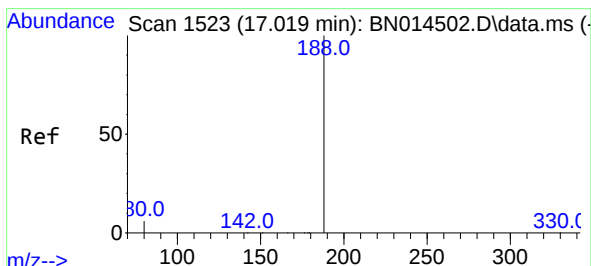
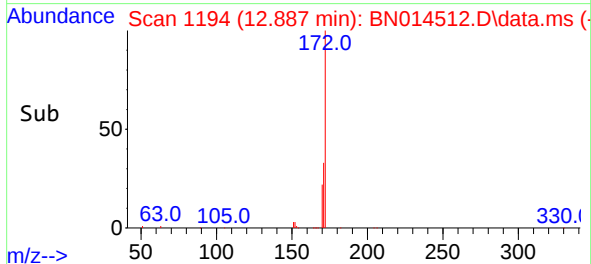
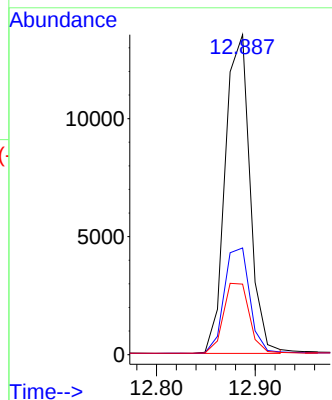
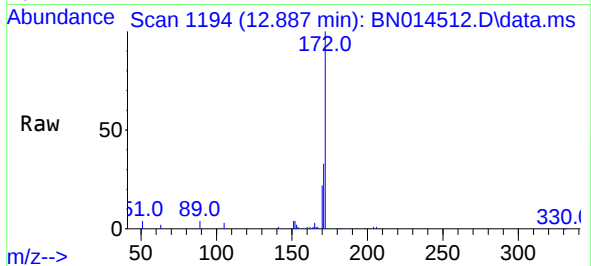




#15
2-Fluorobiphenyl
Concen: 0.84 ng
RT: 12.887 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BN014512.D
Acq: 01 May 2021 13:30

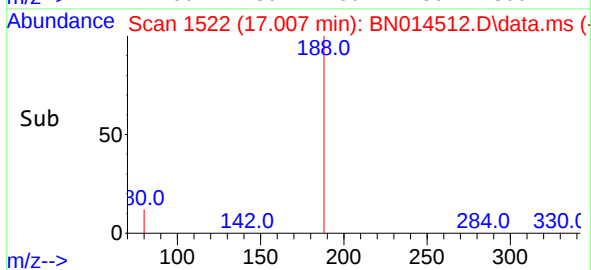
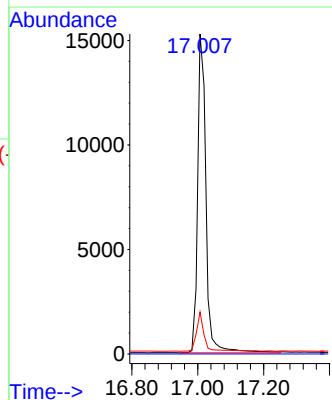
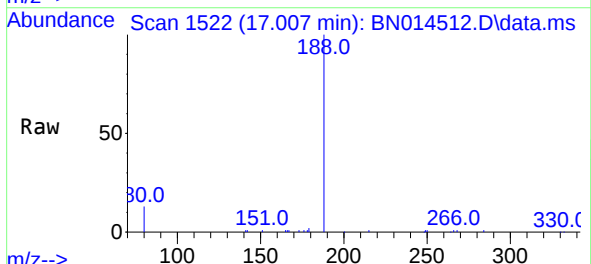
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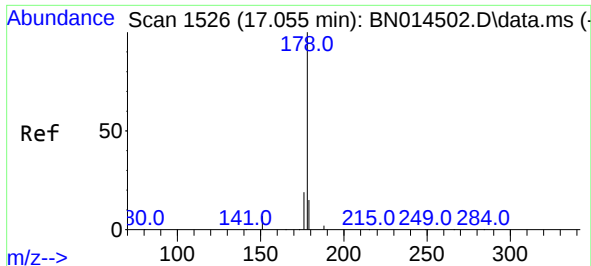
Tgt Ion:	172	Resp:	23529
Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.1	40.7
170	22.0	18.3	27.5



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.007 min Scan# 1522
Delta R.T. -0.012 min
Lab File: BN014512.D
Acq: 01 May 2021 13:30

Tgt Ion:	188	Resp:	26710
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	5.2	7.8#

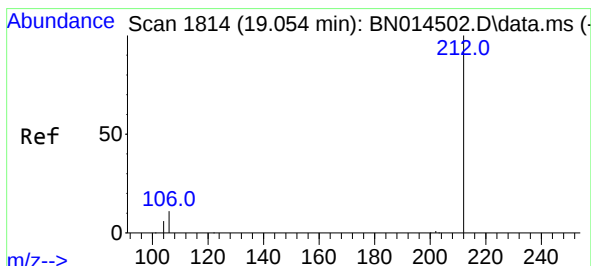
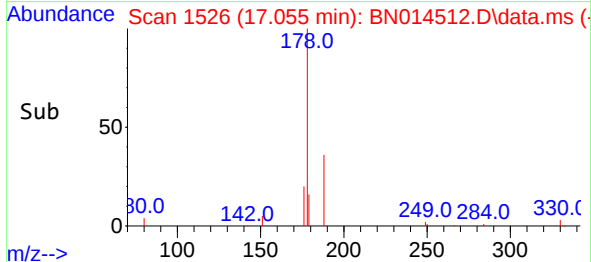
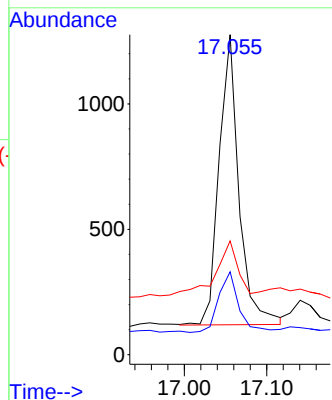
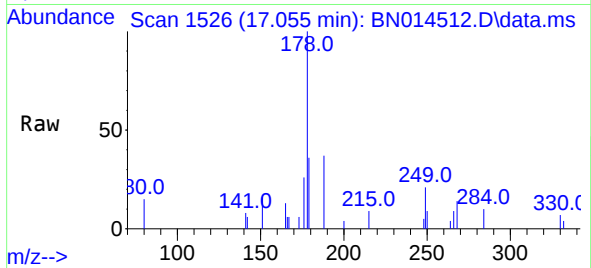




#25
Phenanthrene
Concen: 0.03 ng
RT: 17.055 min Scan# 1526
Delta R.T. -0.000 min
Lab File: BN014512.D
Acq: 01 May 2021 13:30

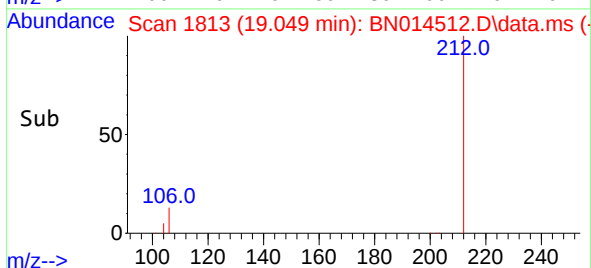
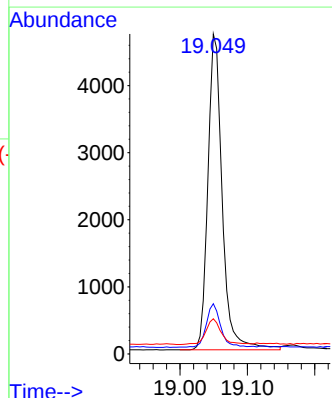
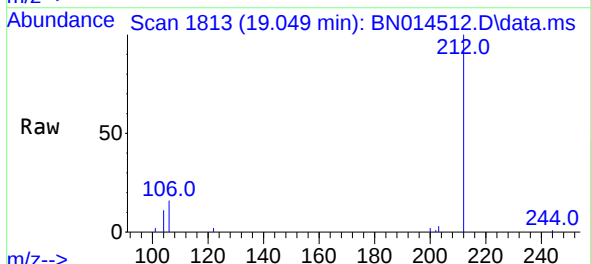
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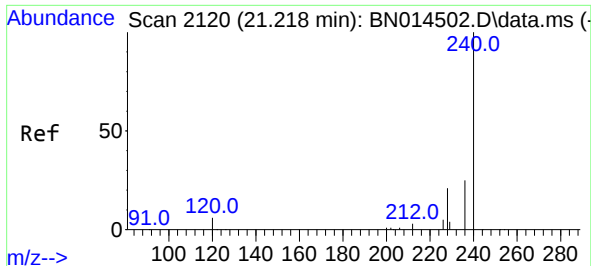
Tgt Ion:178	Resp:	1939
Ion Ratio	Lower	Upper
178	100	
176	21.2	15.2 22.8
179	29.2	12.4 18.6#



#27
Fluoranthene-d10
Concen: 0.07 ng
RT: 19.049 min Scan# 1813
Delta R.T. -0.005 min
Lab File: BN014512.D
Acq: 01 May 2021 13:30

Tgt Ion:212	Resp:	6964
Ion Ratio	Lower	Upper
212	100	
106	13.7	10.1 15.1
104	8.7	5.4 8.2#

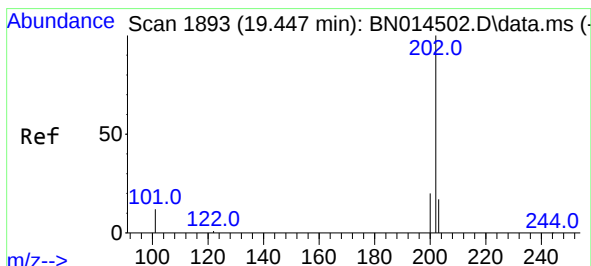
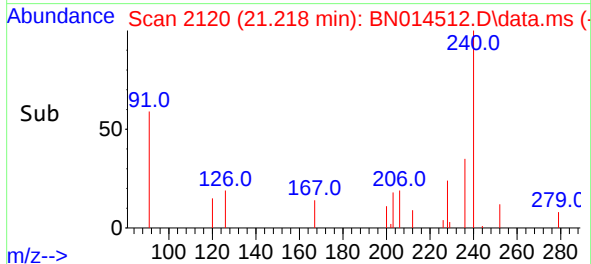
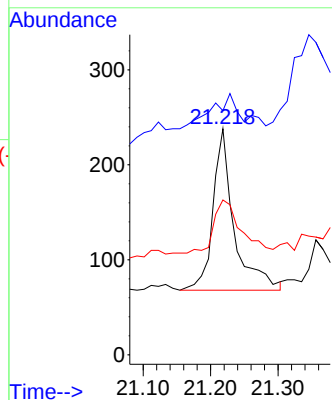
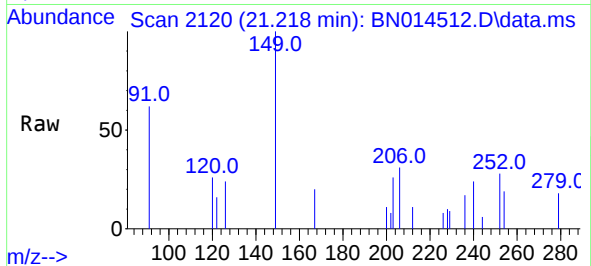




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.218 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN014512.D
Acq: 01 May 2021 13:30

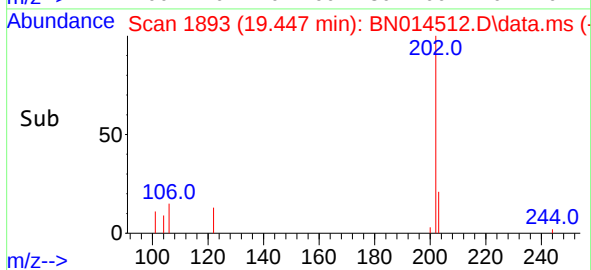
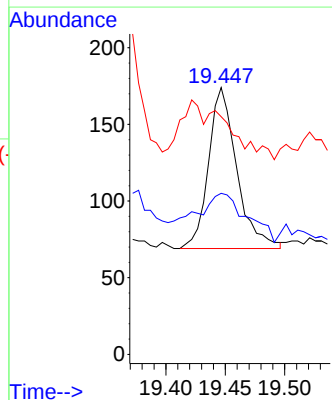
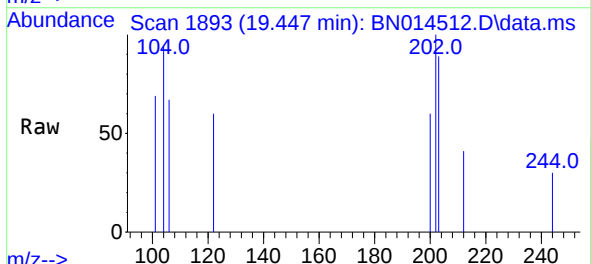
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380RE

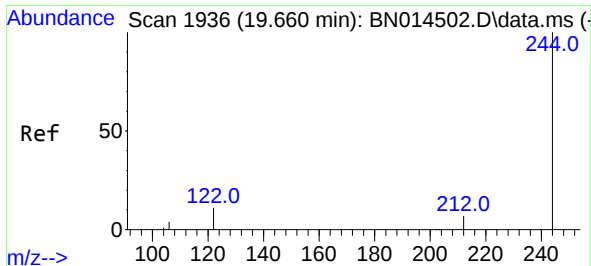
Tgt Ion:240 Resp: 370
Ion Ratio Lower Upper
240 100
120 108.0 5.8 8.8#
236 68.5 20.6 30.8#



#30
Pyrene
Concen: 0.14 ng
RT: 19.447 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BN014512.D
Acq: 01 May 2021 13:30

Tgt Ion:202 Resp: 174
Ion Ratio Lower Upper
202 100
200 55.2 16.3 24.5#
203 0.0 14.0 21.0#

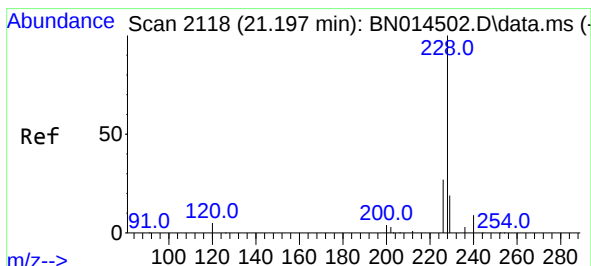
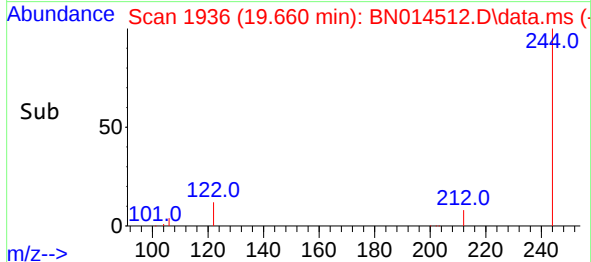
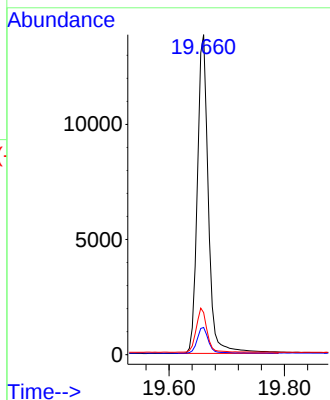
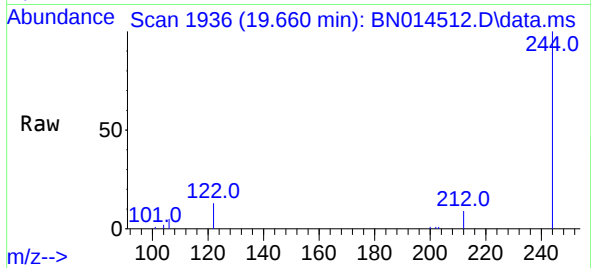




#31
Terphenyl-d14
Concen: 21.58 ng
RT: 19.660 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BN014512.D
Acq: 01 May 2021 13:30

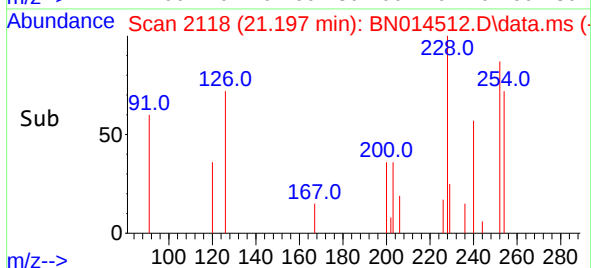
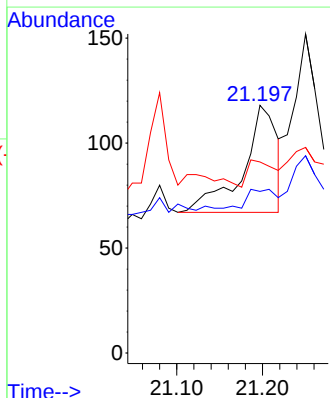
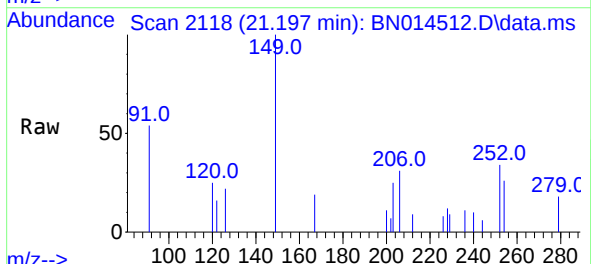
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380RE

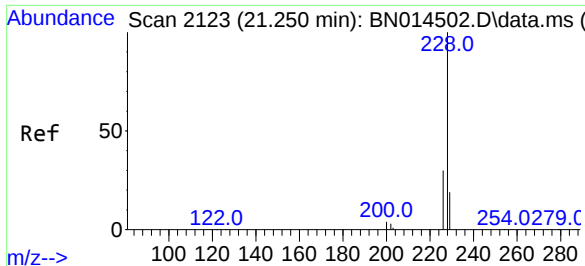
Tgt Ion:244 Resp: 18432
Ion Ratio Lower Upper
244 100
212 8.5 6.0 9.0
122 13.1 9.3 13.9



#32
Benzo(a)anthracene
Concen: 0.13 ng
RT: 21.197 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BN014512.D
Acq: 01 May 2021 13:30

Tgt Ion:228 Resp: 141
Ion Ratio Lower Upper
228 100
226 65.3 21.7 32.5#
229 77.1 15.7 23.5#

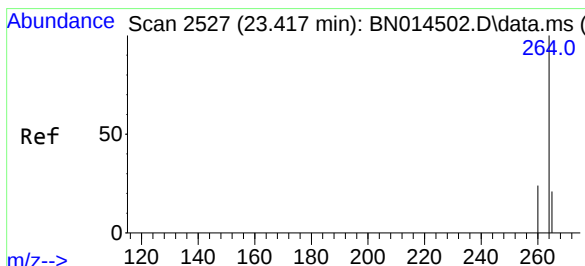
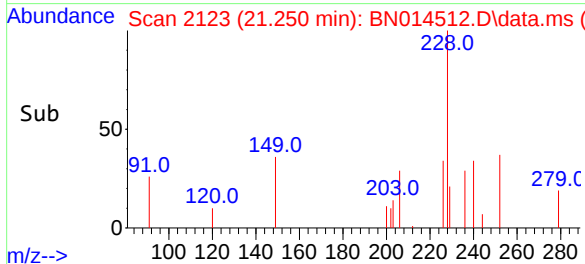
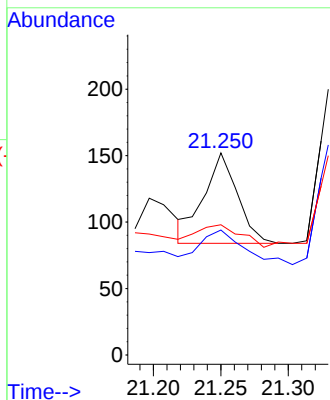
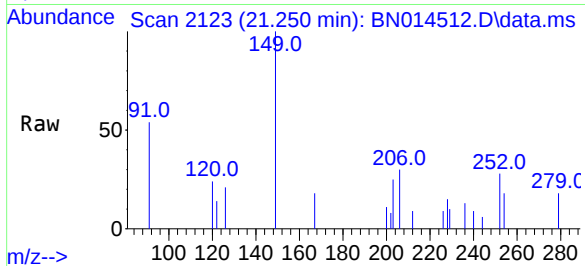




#33
Chrysene
Concen: 0.10 ng
RT: 21.250 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN014512.D
Acq: 01 May 2021 13:30

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW8-GW-378-380RE

Tgt Ion:228 Resp: 117
Ion Ratio Lower Upper
228 100
226 61.8 23.8 35.6#
229 64.5 15.6 23.4#



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.421 min Scan# 2528
Delta R.T. 0.003 min
Lab File: BN014512.D
Acq: 01 May 2021 13:30

Tgt Ion:264 Resp: 3
Ion Ratio Lower Upper
264 100
260 84.0 19.5 29.3#
265 2476.6 35.4 53.0#

