

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
 Data File : BN016918.D
 Acq On : 13 Oct 2021 03:48
 Operator : CG/JU
 Sample : M4154-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-32

Quant Time: Oct 13 06:20:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 02:19:57 2021
 Response via : Initial Calibration

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

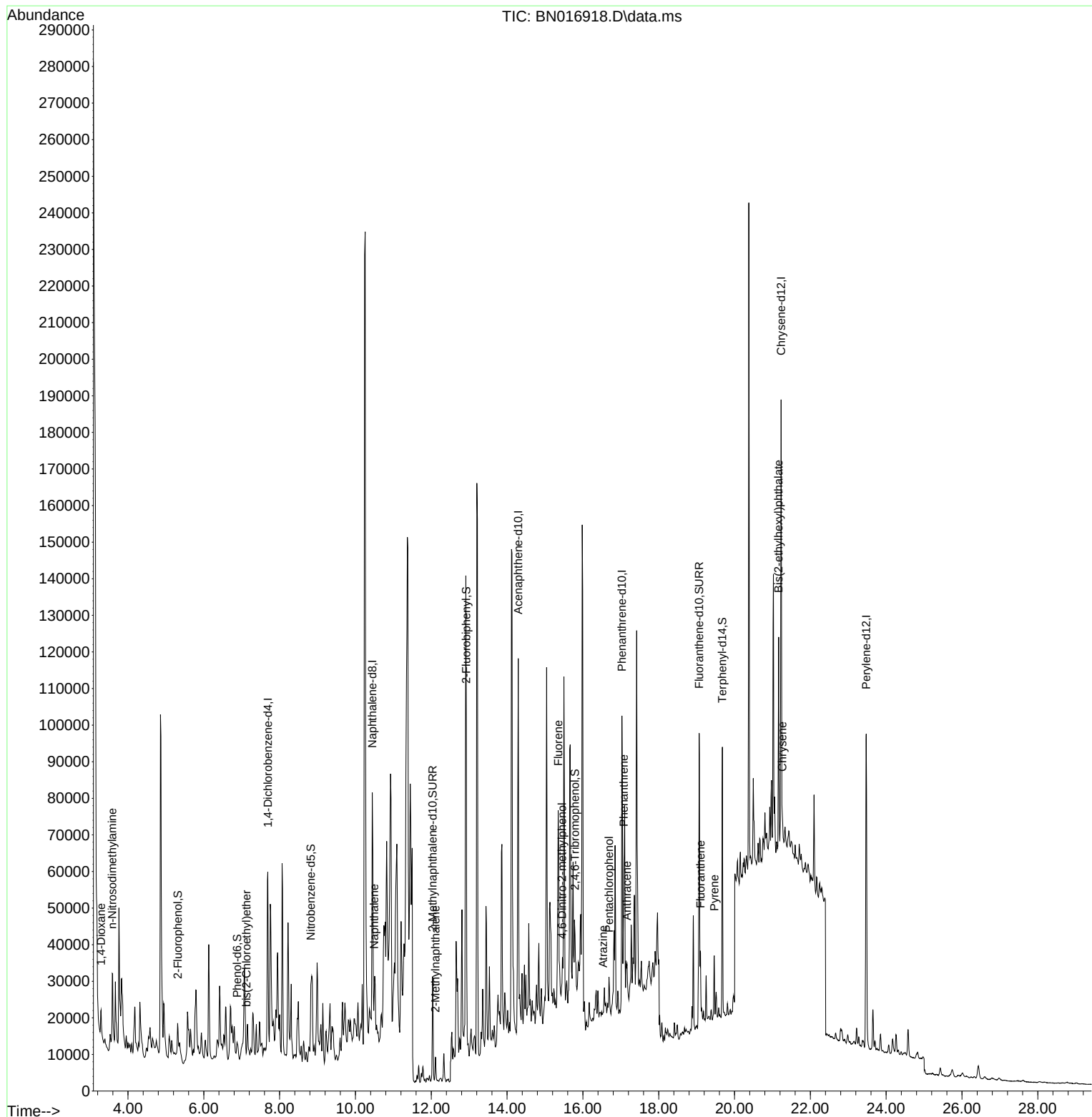
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	21346	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	93332	0.400	ng	#-0.01
13) Acenaphthene-d10	14.294	164	55052	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	105706	0.400	ng	#-0.01
29) Chrysene-d12	21.227	240	105669	0.400	ng	# 0.00
35) Perylene-d12	23.474	264	114087	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.309	112	7440	0.154	ng	0.02
5) Phenol-d6	6.877	99	4710	0.087	ng	0.00
8) Nitrobenzene-d5	8.822	82	19285	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	37578	0.288	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	10031	0.402	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	50177	0.241	ng	0.00
27) Fluoranthene-d10	19.068	212	87973	0.331	ng	0.00
31) Terphenyl-d14	19.678	244	69143	0.298	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.290	88	1016	0.071	ng	# 1
3) n-Nitrosodimethylamine	3.585	42	1951	0.119	ng	# 8
6) bis(2-Chloroethyl)ether	7.126	93	1177	0.020	ng	# 21
9) Naphthalene	10.495	128	8183	0.034	ng	# 72
12) 2-Methylnaphthalene	12.109	142	5179	0.034	ng	# 80
18) Fluorene	15.347	166	6228	0.034	ng	# 63
20) 4,6-Dinitro-2-methylph...	15.449	198	901	0.237	ng	# 1
23) Atrazine	16.531	200	1087	0.110	ng	# 14
24) Pentachlorophenol	16.689	266	4168	0.315	ng	100
25) Phenanthrene	17.078	178	33169	0.110	ng	# 82
26) Anthracene	17.163	178	8767	0.034	ng	# 83
28) Fluoranthene	19.103	202	17191	0.053	ng	# 95
30) Pyrene	19.465	202	17439	0.052	ng	# 90
33) Chrysene	21.259	228	7719	0.022	ng	# 41
34) Bis(2-ethylhexyl)phtha...	21.164	149	49964	0.438	ng	99

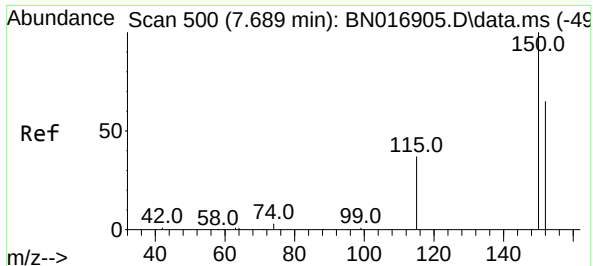
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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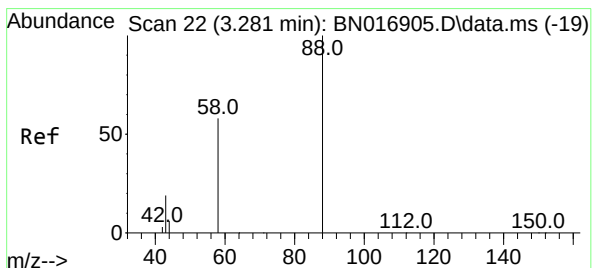
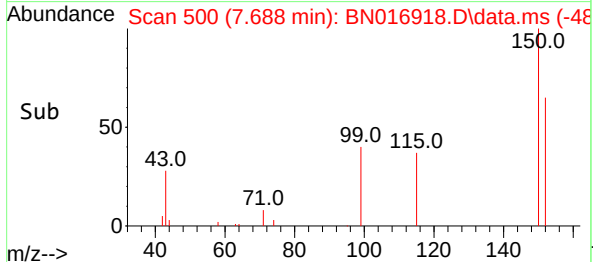
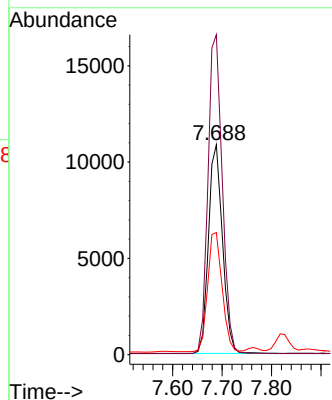
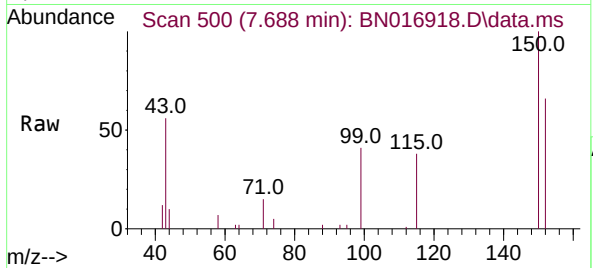




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.688 min Scan# 500
 Delta R.T. -0.001 min
 Lab File: BN016918.D
 Acq: 13 Oct 2021 03:48

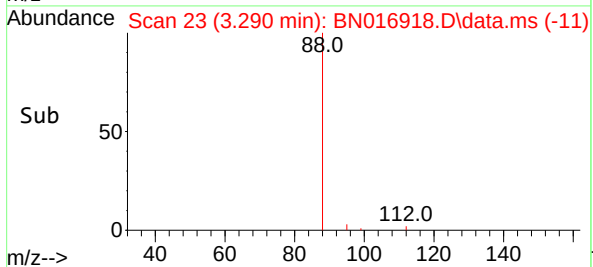
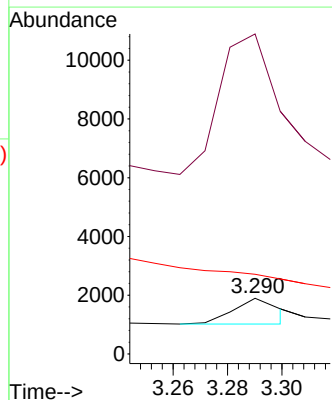
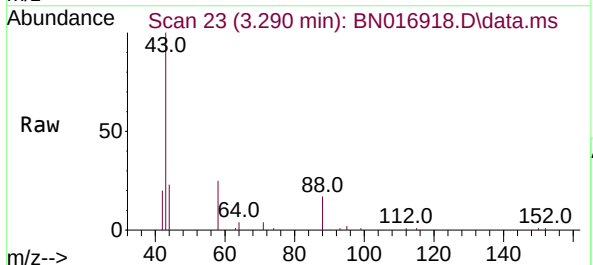
Instrument :
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 SW-CB-32

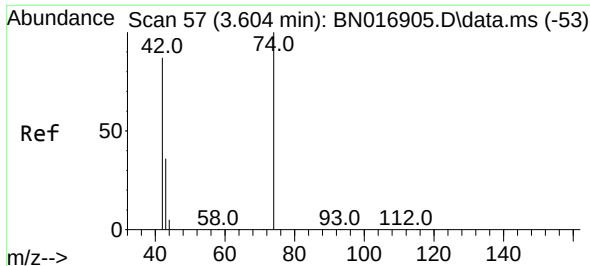
Tgt Ion:152 Resp: 21346
 Ion Ratio Lower Upper
 152 100
 150 152.4 122.6 183.8
 115 58.2 46.1 69.1



#2
 1,4-Dioxane
 Concen: 0.071 ng
 RT: 3.290 min Scan# 23
 Delta R.T. 0.009 min
 Lab File: BN016918.D
 Acq: 13 Oct 2021 03:48

Tgt Ion: 88 Resp: 1016
 Ion Ratio Lower Upper
 88 100
 43 657.5 24.3 36.5#
 58 0.0 65.2 97.8#

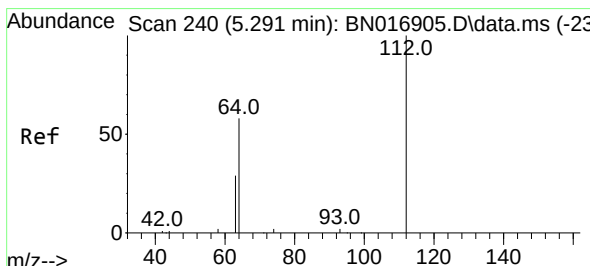
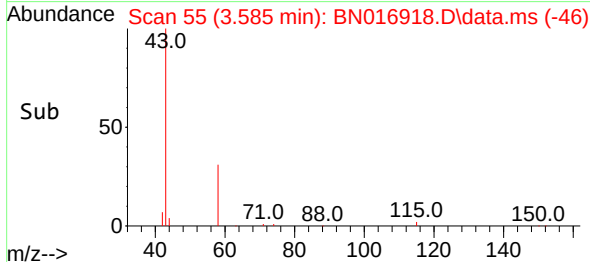
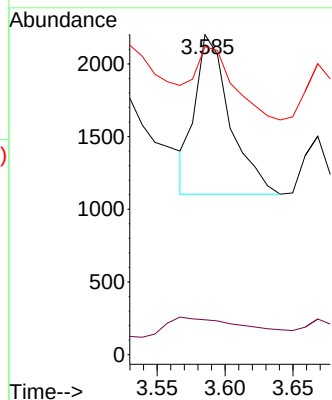
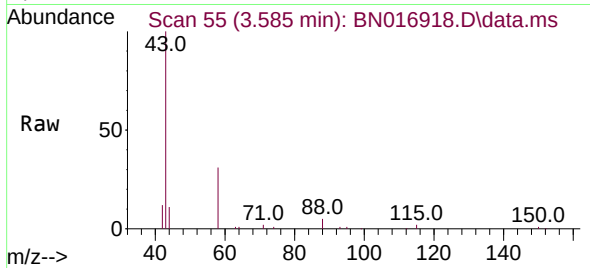




#3
n-Nitrosodimethylamine
Concen: 0.119 ng
RT: 3.585 min Scan# 55
Delta R.T. -0.019 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

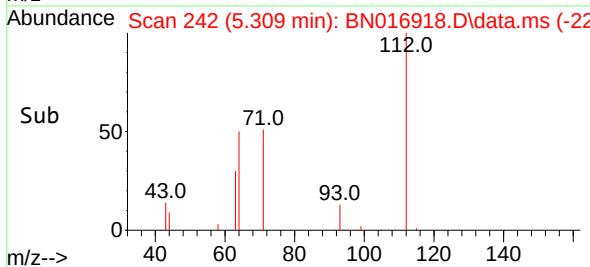
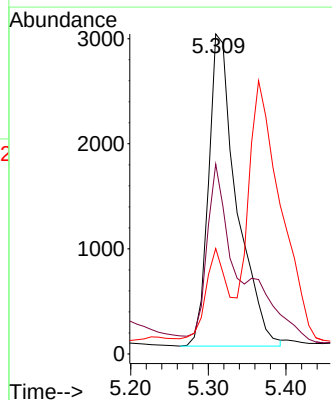
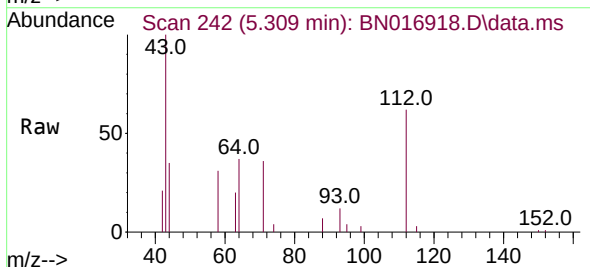
Instrument :
BNA_N
ClientSampleId :
SW-CB-32

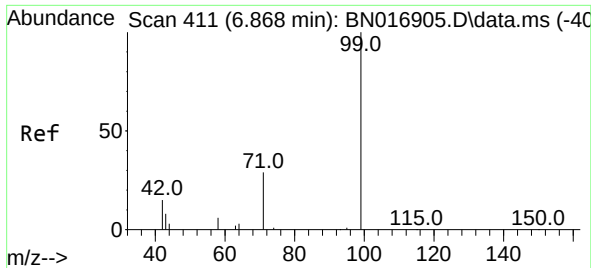
Tgt Ion: 42 Resp: 1951
Ion Ratio Lower Upper
42 100
74 32.2 114.4 171.6#
44 51.2 5.7 8.5#



#4
2-Fluorophenol
Concen: 0.154 ng
RT: 5.309 min Scan# 242
Delta R.T. 0.018 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

Tgt Ion: 112 Resp: 7440
Ion Ratio Lower Upper
112 100
64 60.8 45.0 67.4
63 23.4 22.6 33.8

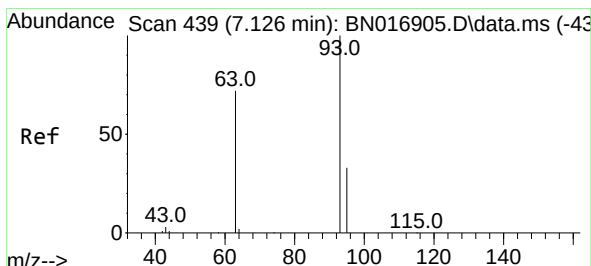
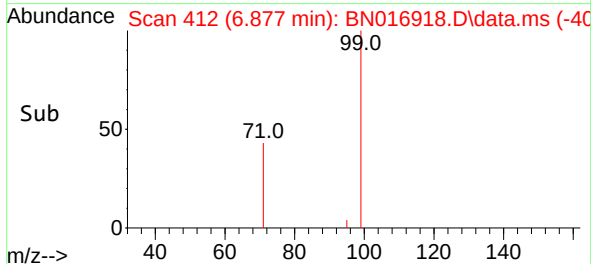
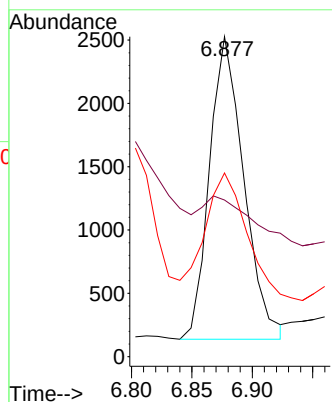
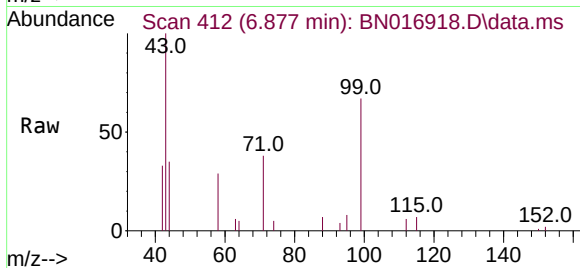




#5
Phenol-d6
Concen: 0.087 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

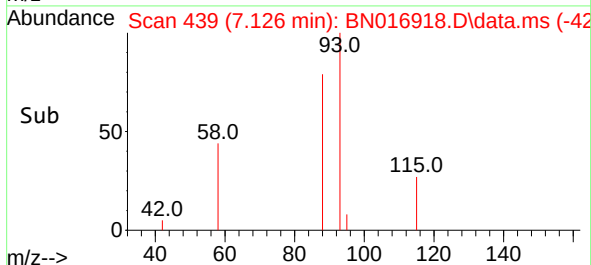
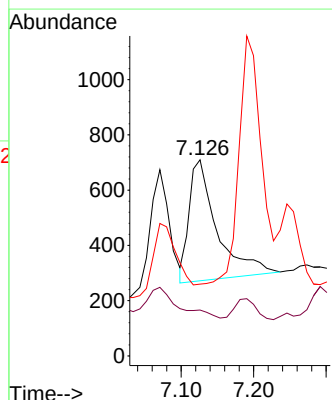
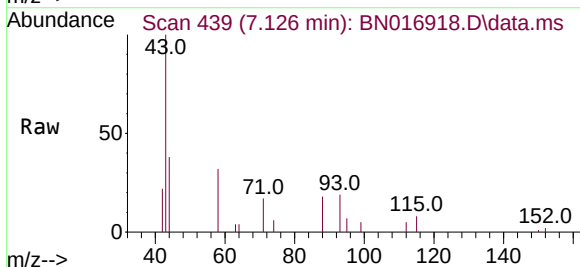
Instrument :
BNA_N
ClientSampleId :
SW-CB-32

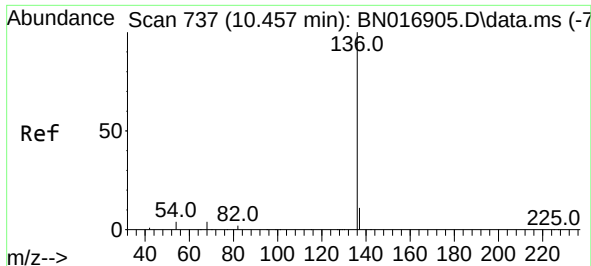
Tgt Ion: 99 Resp: 4710
Ion Ratio Lower Upper
99 100
42 19.9 14.2 21.4
71 49.5 24.5 36.7#



#6
bis(2-Chloroethyl)ether
Concen: 0.020 ng
RT: 7.126 min Scan# 439
Delta R.T. -0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

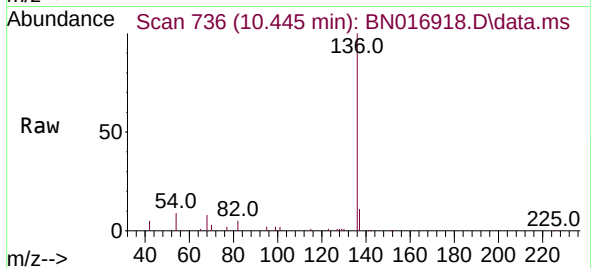
Tgt Ion: 93 Resp: 1177
Ion Ratio Lower Upper
93 100
63 0.0 60.3 90.5#
95 0.0 26.2 39.4#



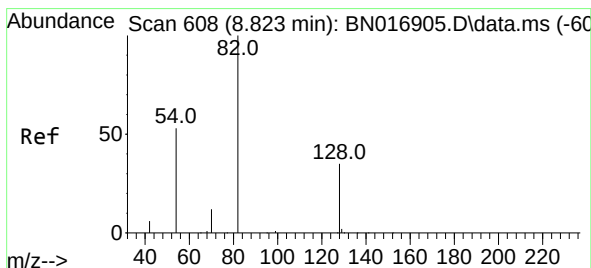
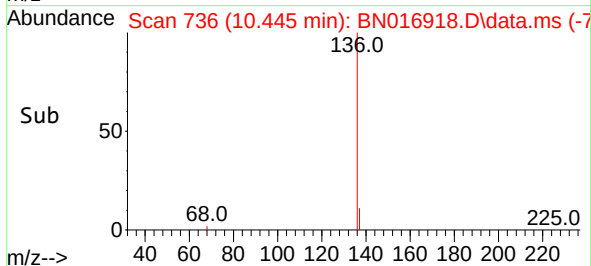
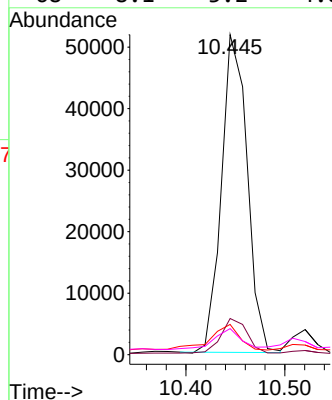


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.012 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

Instrument :
BNA_N
ClientSampleId :
SW-CB-32

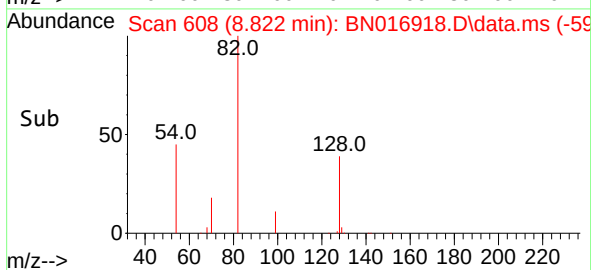
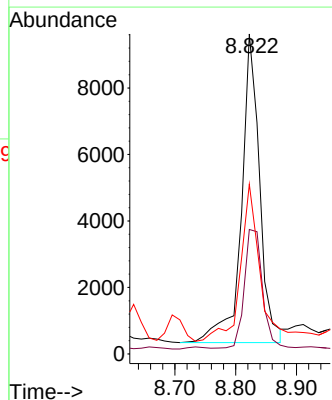
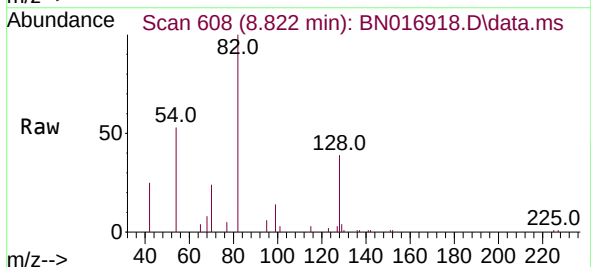


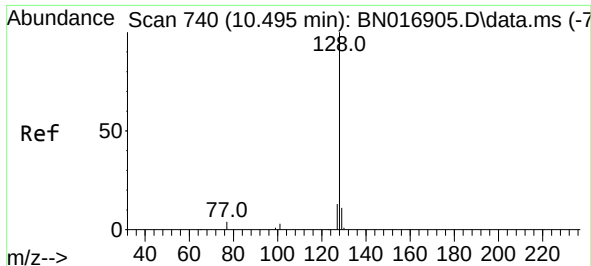
Tgt Ion:136	Resp:	93332
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.7 13.1
54	9.5	3.7 5.5#
68	8.1	3.2 4.8#



#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

Tgt Ion: 82	Resp:	19285
Ion	Ratio	Lower Upper
82	100	
128	38.9	28.3 42.5
54	53.0	43.0 64.4

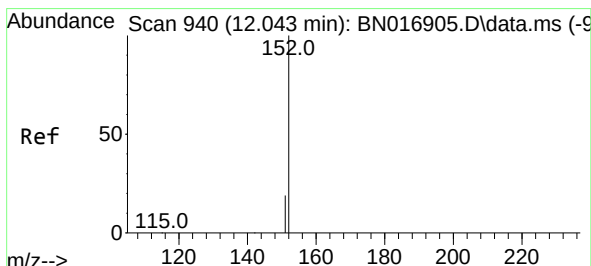
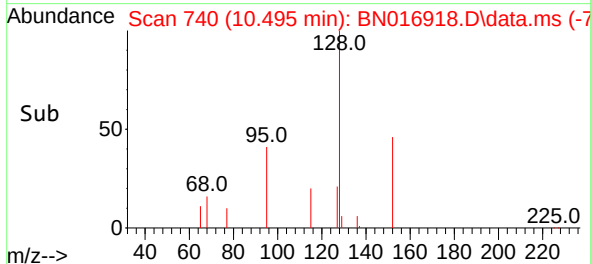
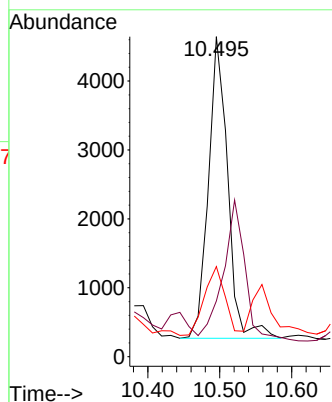
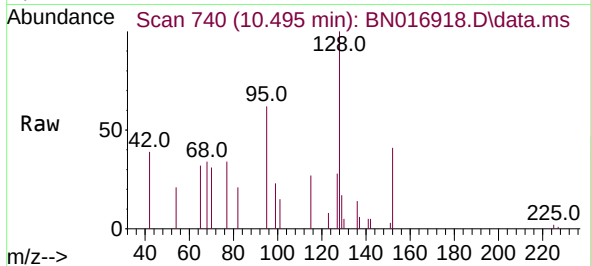




#9
Naphthalene
Concen: 0.034 ng
RT: 10.495 min Scan# 740
Delta R.T. -0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

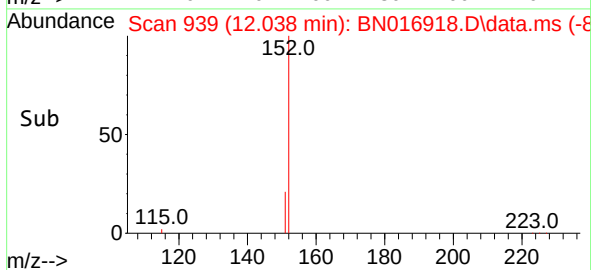
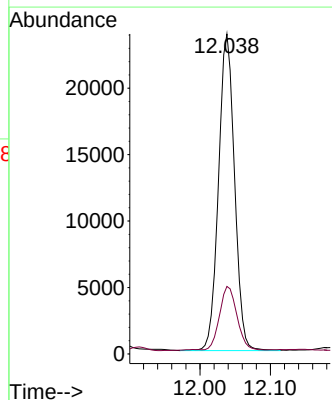
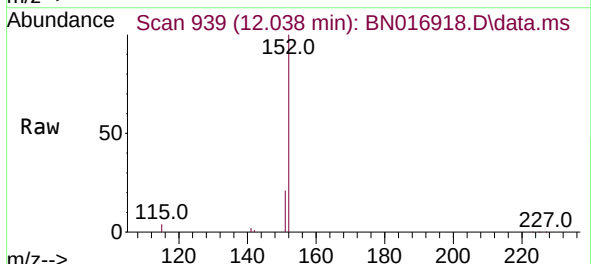
Instrument :
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ClientSampleId :
SW-CB-32

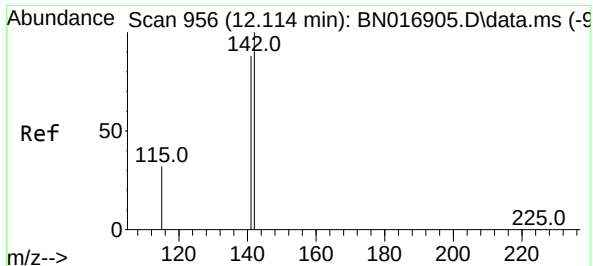
Tgt Ion:128 Resp: 8183
Ion Ratio Lower Upper
128 100
129 17.4 8.7 13.1#
127 28.1 10.6 16.0#



#11
2-Methylnaphthalene-d10
Concen: 0.288 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.005 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

Tgt Ion:152 Resp: 37578
Ion Ratio Lower Upper
152 100
151 21.6 16.2 24.4

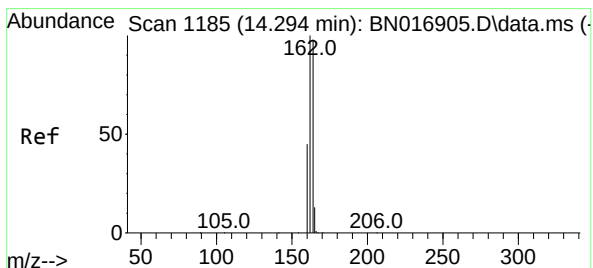
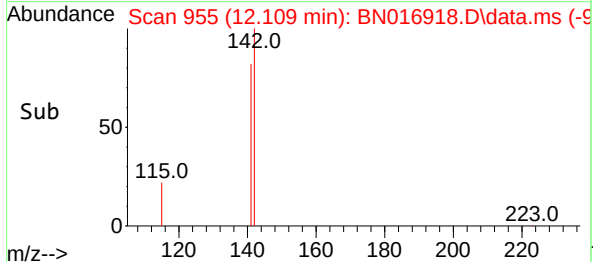
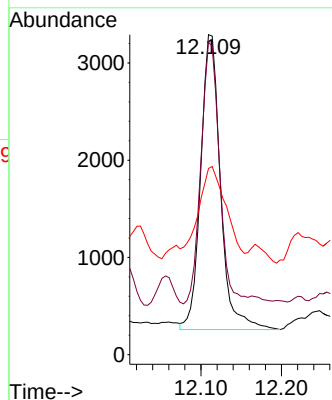
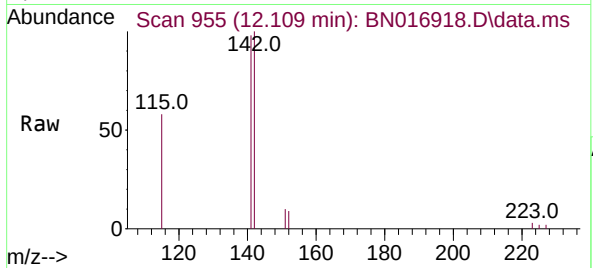




#12
2-Methylnaphthalene
Concen: 0.034 ng
RT: 12.109 min Scan# 955
Delta R.T. -0.005 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

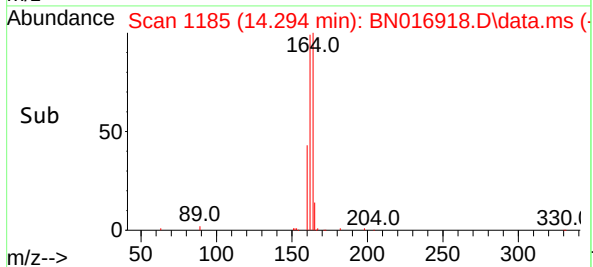
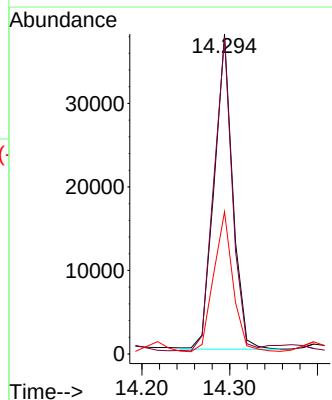
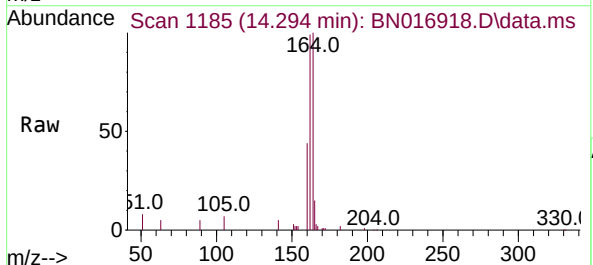
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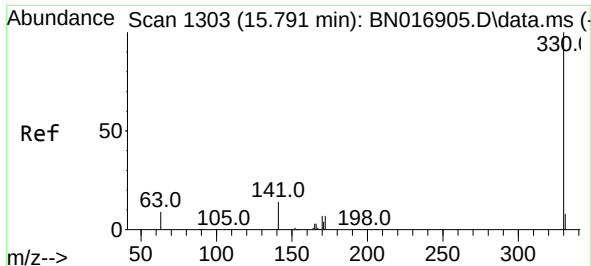
Tgt Ion:142 Resp: 5179
Ion Ratio Lower Upper
142 100
141 97.7 70.5 105.7
115 58.2 26.0 39.0#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

Tgt Ion:164 Resp: 55052
Ion Ratio Lower Upper
164 100
162 98.9 81.4 122.0
160 44.5 37.0 55.4

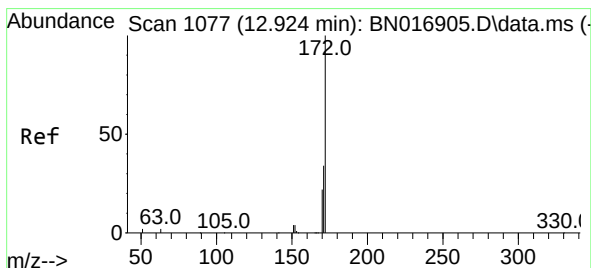
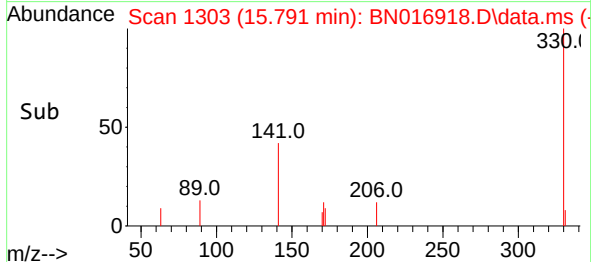
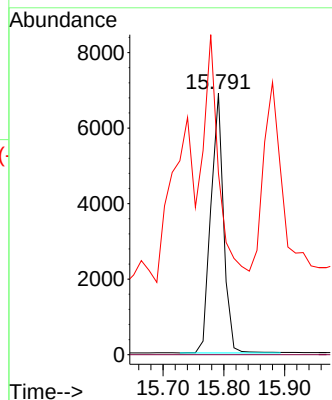
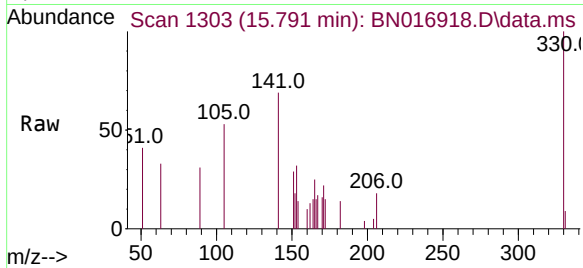




#14
2,4,6-Tribromophenol
Concen: 0.402 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

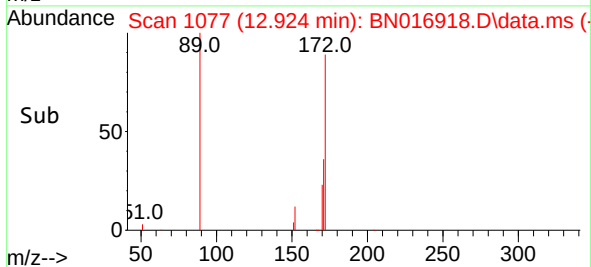
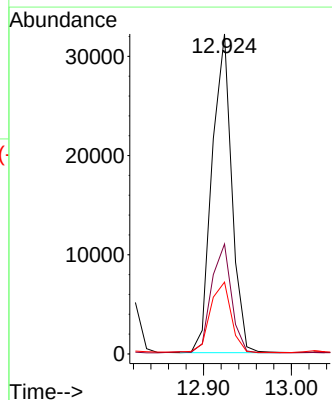
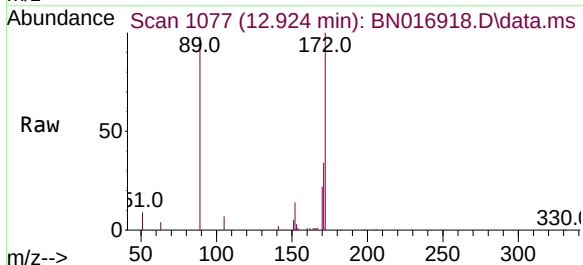
Instrument :
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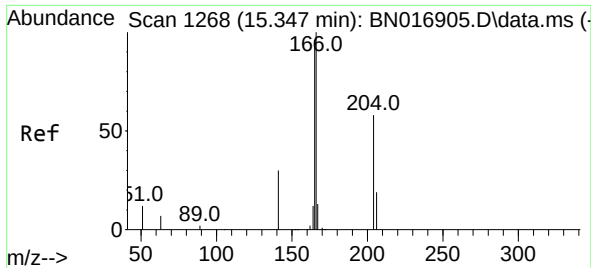
Tgt Ion: 330 Resp: 10031
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 100.7 24.4 36.6#



#15
2-Fluorobiphenyl
Concen: 0.241 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

Tgt Ion: 172 Resp: 50177
Ion Ratio Lower Upper
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171 34.4 27.4 41.0
170 22.4 18.1 27.1

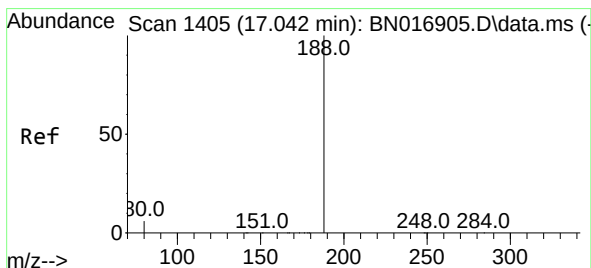
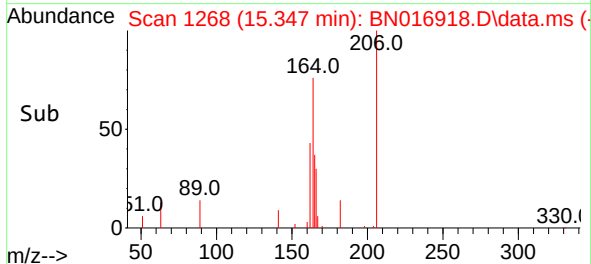
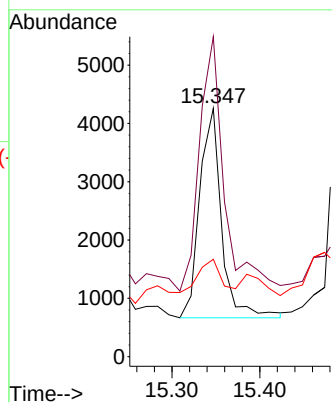
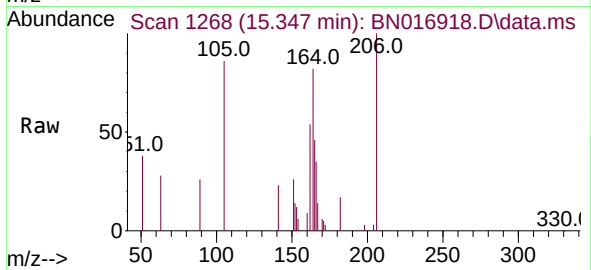




#18
Fluorene
Concen: 0.034 ng
RT: 15.347 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

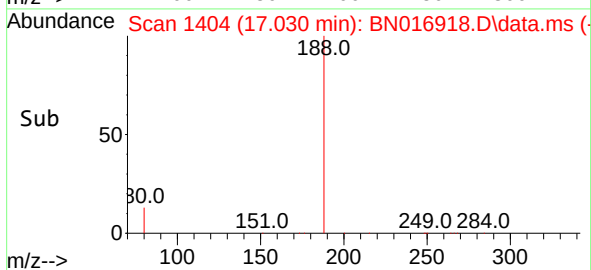
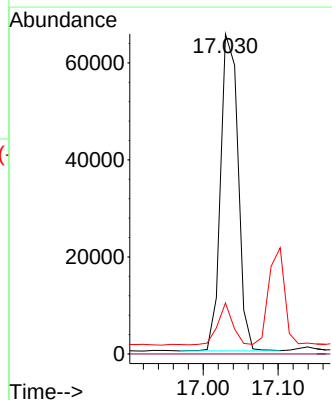
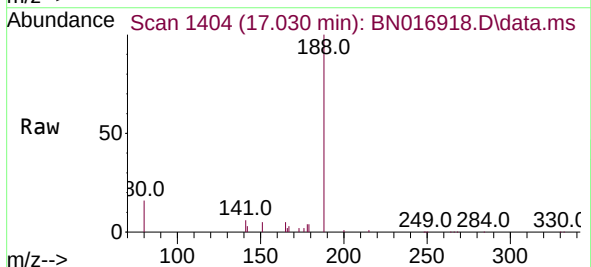
Instrument :
BNA_N
ClientSampleId :
SW-CB-32

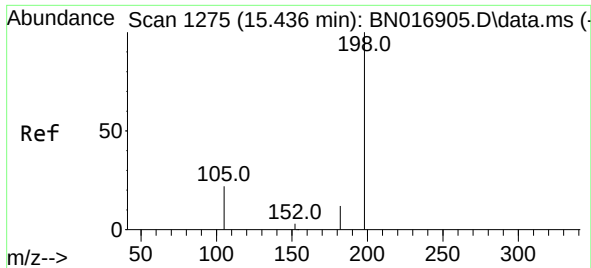
Tgt Ion:166 Resp: 6228
Ion Ratio Lower Upper
166 100
165 136.6 78.1 117.1#
167 22.3 10.7 16.1#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

Tgt Ion:188 Resp: 105706
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.9 4.9 7.3#

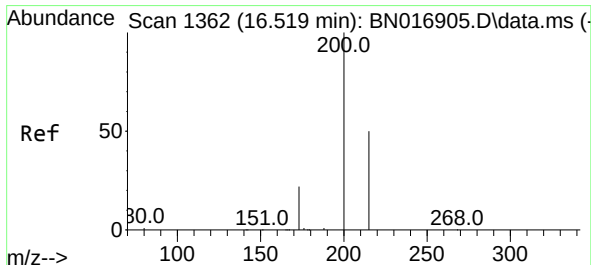
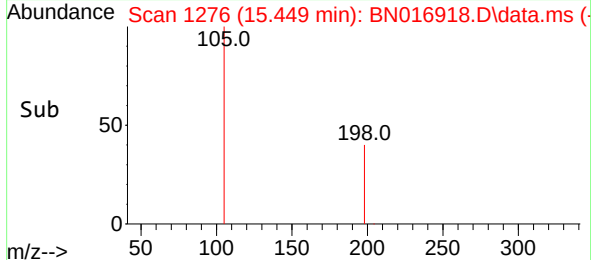
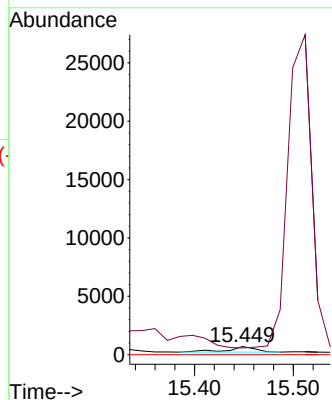
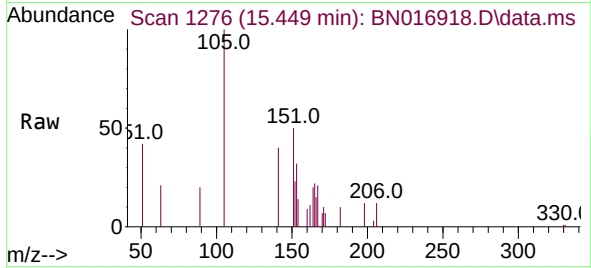




#20
4,6-Dinitro-2-methylphenol
Concen: 0.237 ng
RT: 15.449 min Scan# 1276
Delta R.T. 0.013 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

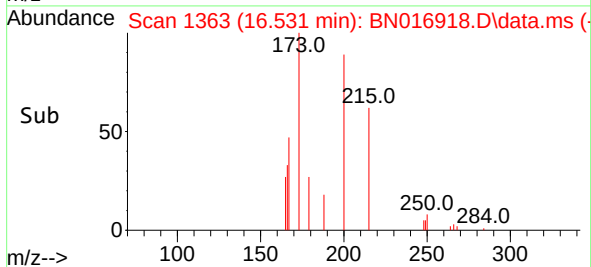
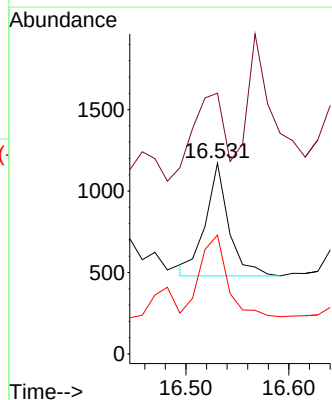
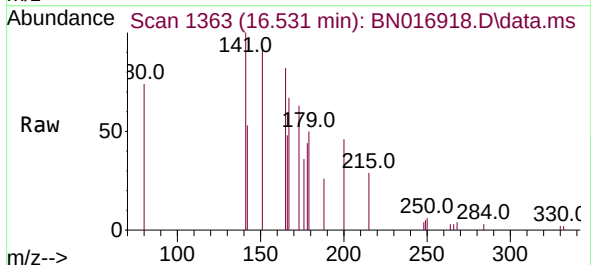
Instrument :
BNA_N
ClientSampled :
SW-CB-32

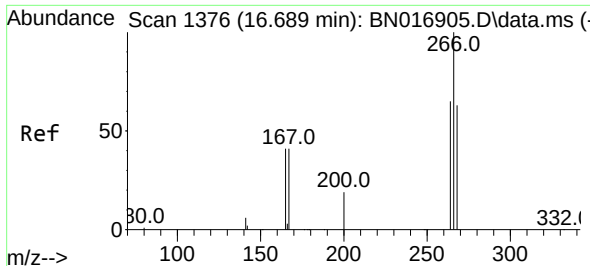
Tgt Ion:198 Resp: 901
Ion Ratio Lower Upper
198 100
182 82.6 11.0 16.6#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.110 ng
RT: 16.531 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

Tgt Ion:200 Resp: 1087
Ion Ratio Lower Upper
200 100
173 136.6 18.0 27.0#
215 62.3 40.0 60.0#

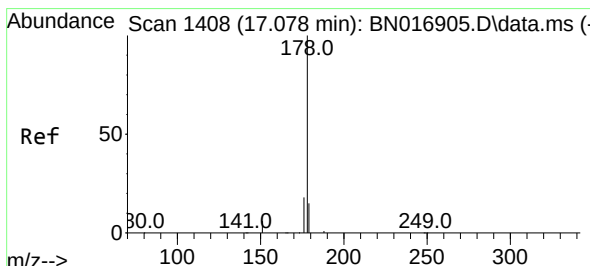
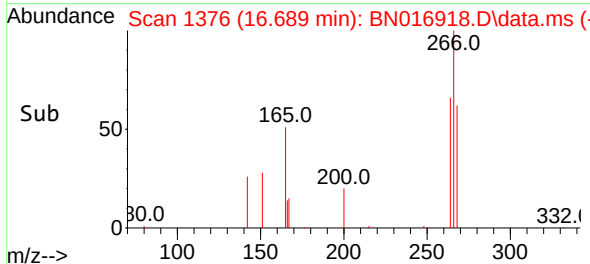
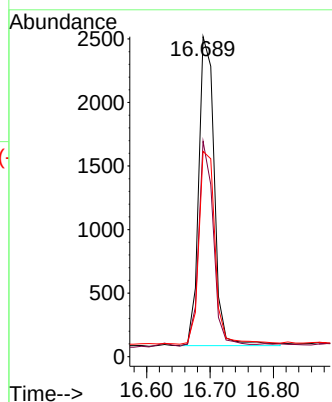
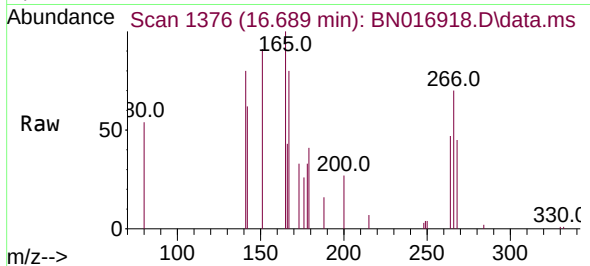




#24
 Pentachlorophenol
 Concen: 0.315 ng
 RT: 16.689 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: BN016918.D
 Acq: 13 Oct 2021 03:48

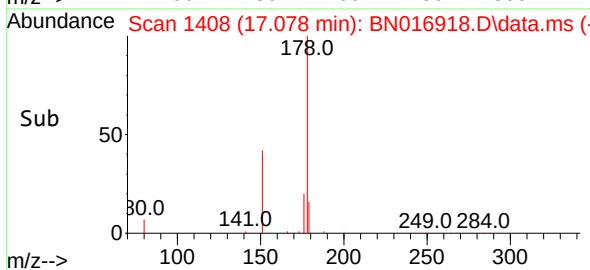
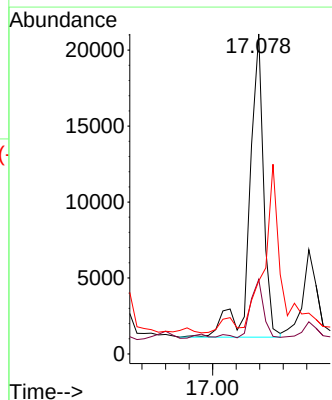
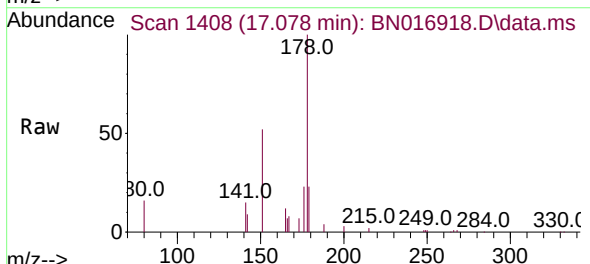
Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-32

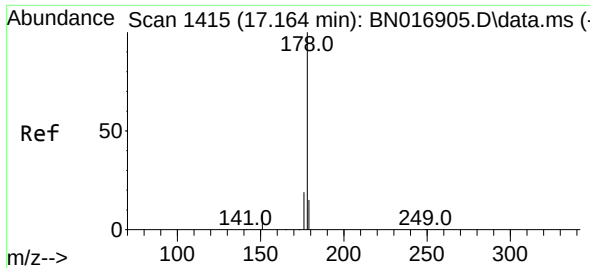
Tgt Ion:266	Resp:	4168
Ion Ratio	Lower	Upper
266	100	
264	62.5	50.5 75.7
268	63.9	51.2 76.8



#25
 Phenanthrene
 Concen: 0.110 ng
 RT: 17.078 min Scan# 1408
 Delta R.T. -0.000 min
 Lab File: BN016918.D
 Acq: 13 Oct 2021 03:48

Tgt Ion:178	Resp:	33169
Ion Ratio	Lower	Upper
178	100	
176	17.5	15.0 22.4
179	0.0	12.3 18.5#

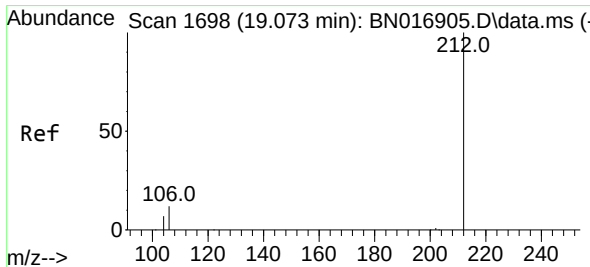
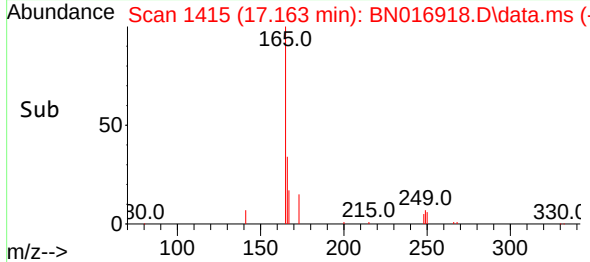
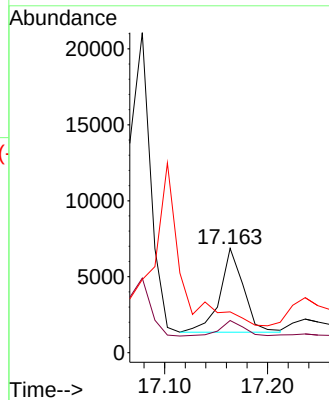
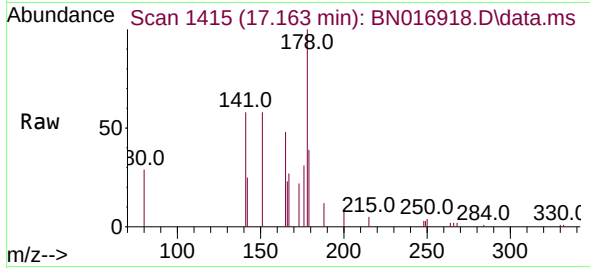




#26
 Anthracene
 Concen: 0.034 ng
 RT: 17.163 min Scan# 1415
 Delta R.T. -0.000 min
 Lab File: BN016918.D
 Acq: 13 Oct 2021 03:48

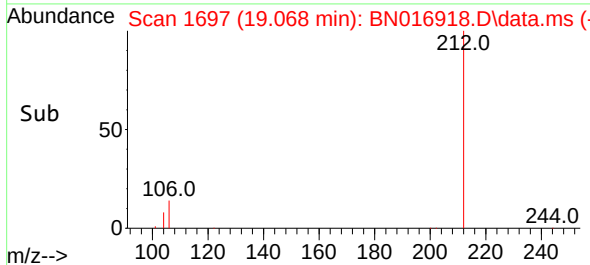
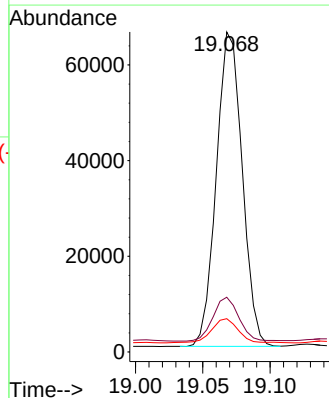
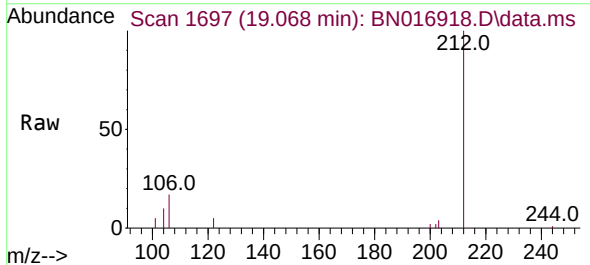
Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-32

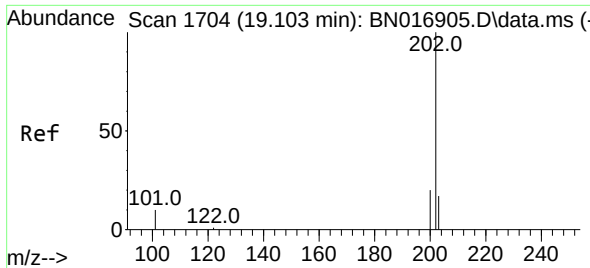
Tgt Ion:178 Resp: 8767
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.6 21.8
 179 0.0 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.331 ng
 RT: 19.068 min Scan# 1697
 Delta R.T. -0.005 min
 Lab File: BN016918.D
 Acq: 13 Oct 2021 03:48

Tgt Ion:212 Resp: 87973
 Ion Ratio Lower Upper
 212 100
 106 14.0 10.7 16.1
 104 8.6 5.8 8.8

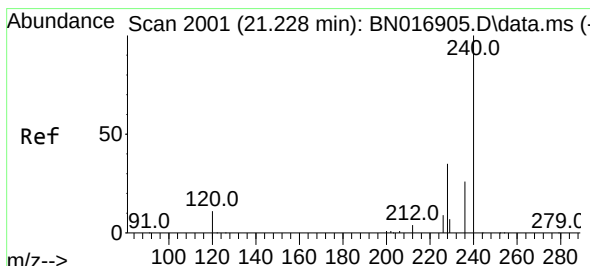
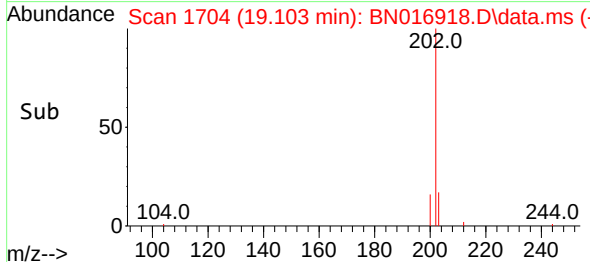
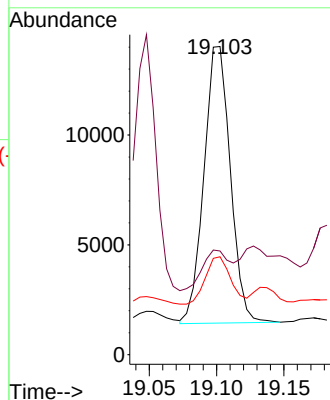
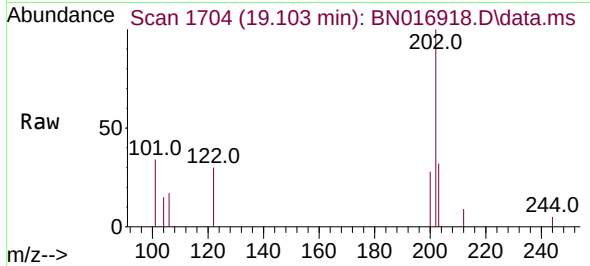




#28
Fluoranthene
Concen: 0.053 ng
RT: 19.103 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

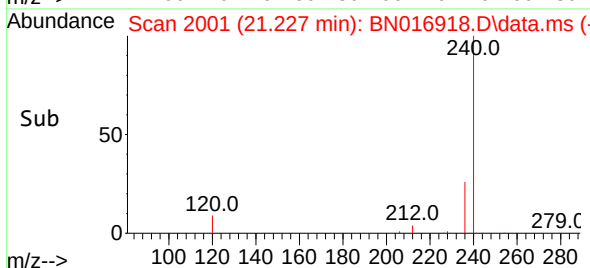
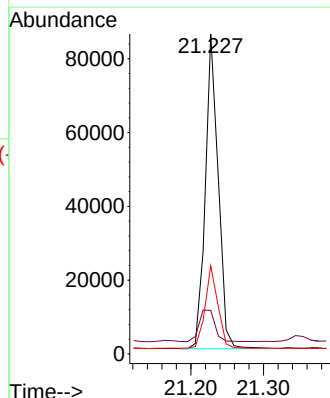
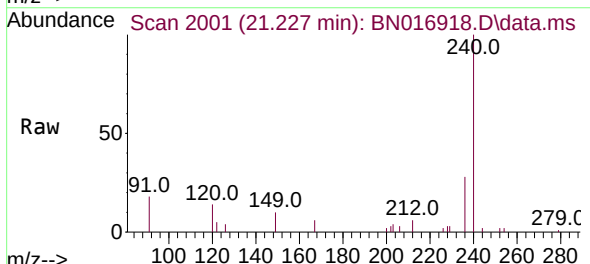
Instrument :
BNA_N
ClientSampled :
SW-CB-32

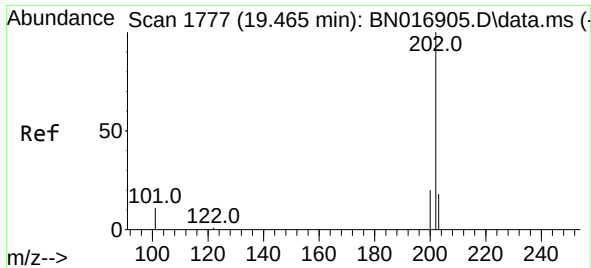
Tgt Ion:202 Resp: 17191
Ion Ratio Lower Upper
202 100
101 15.5 9.0 13.4#
203 16.8 13.8 20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

Tgt Ion:240 Resp: 105669
Ion Ratio Lower Upper
240 100
120 13.6 8.6 12.8#
236 27.5 21.0 31.4

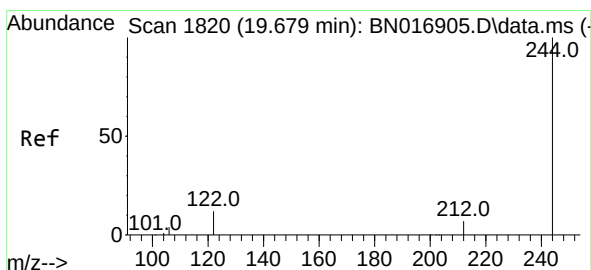
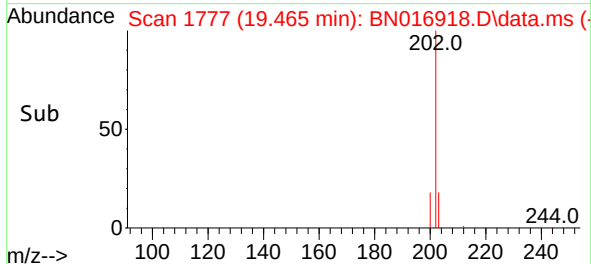
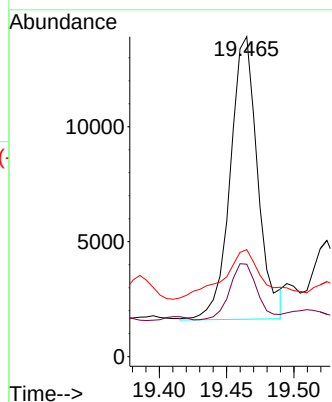
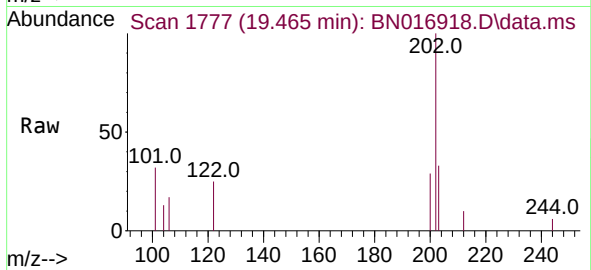




#30
Pyrene
Concen: 0.052 ng
RT: 19.465 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

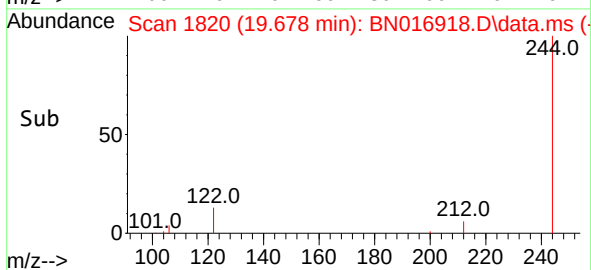
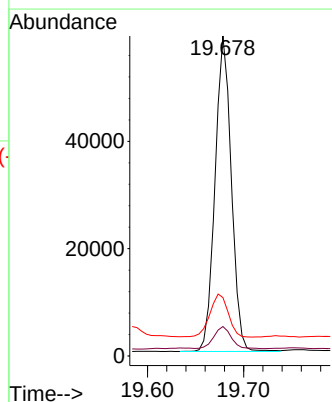
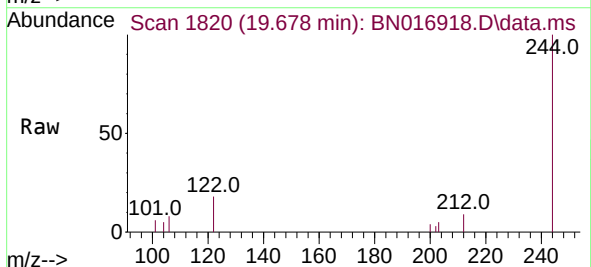
Instrument :
BNA_N
ClientSampleId :
SW-CB-32

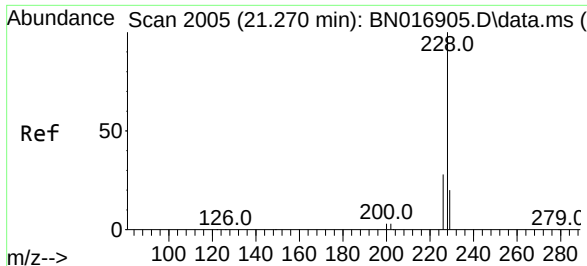
Tgt Ion:202 Resp: 17439
Ion Ratio Lower Upper
202 100
200 20.4 16.5 24.7
203 26.6 14.0 21.0#



#31
Terphenyl-d14
Concen: 0.298 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

Tgt Ion:244 Resp: 69143
Ion Ratio Lower Upper
244 100
212 9.2 5.7 8.5#
122 18.3 9.8 14.6#

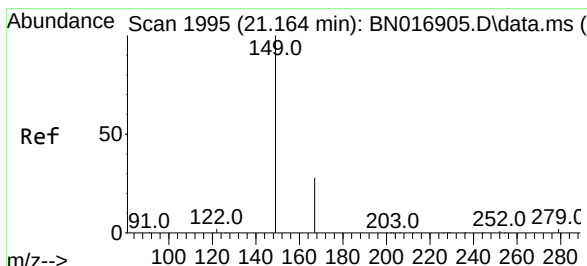
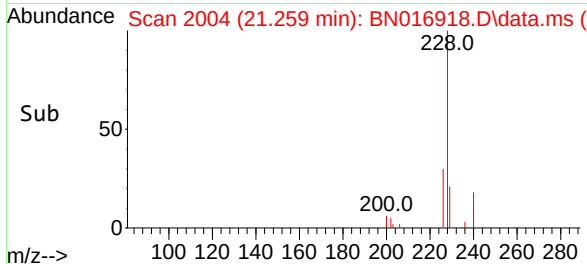
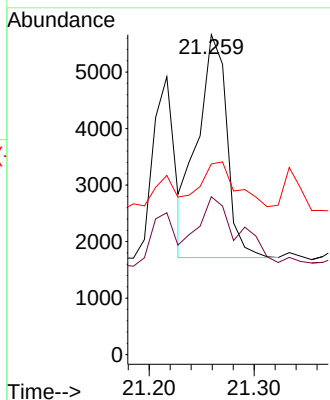
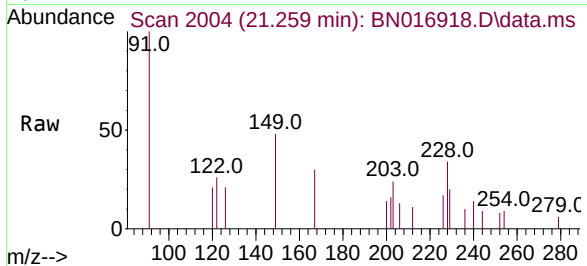




#33
Chrysene
Concen: 0.022 ng
RT: 21.259 min Scan# 2004
Delta R.T. -0.011 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

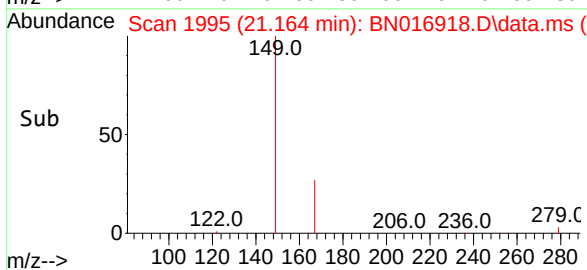
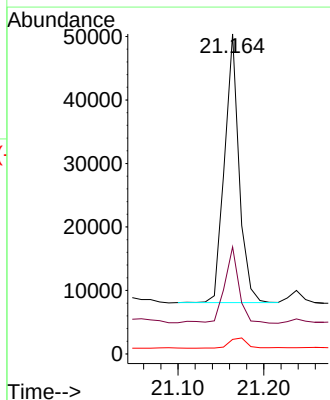
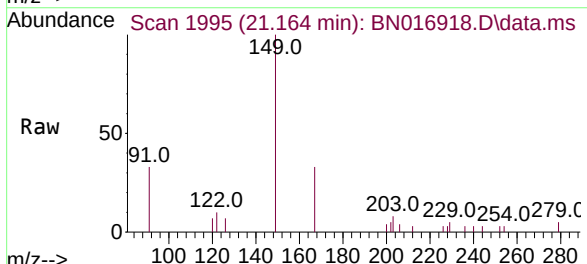
Instrument :
BNA_N
ClientSampleId :
SW-CB-32

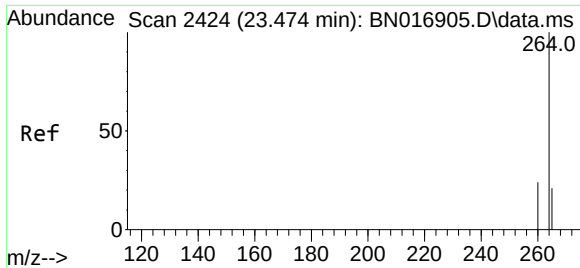
Tgt Ion:228 Resp: 7719
Ion Ratio Lower Upper
228 100
226 49.3 22.6 34.0#
229 59.6 16.0 24.0#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.438 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN016918.D
Acq: 13 Oct 2021 03:48

Tgt Ion:149 Resp: 49964
Ion Ratio Lower Upper
149 100
167 28.2 22.1 33.1
279 4.6 3.4 5.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.474 min Scan# 2424
 Delta R.T. -0.000 min
 Lab File: BN016918.D
 Acq: 13 Oct 2021 03:48

Instrument :
 BNA_N
 ClientSampleId :
 SW-CB-32

Tgt Ion:264 Resp: 114087

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	25.0	18.6	27.8

