

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
 Data File : BN016820.D
 Acq On : 07 Oct 2021 23:06
 Operator : CG/JU
 Sample : M4080-03RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

Quant Time: Oct 08 05:19:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 08 01:39:08 2021
 Response via : Initial Calibration

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

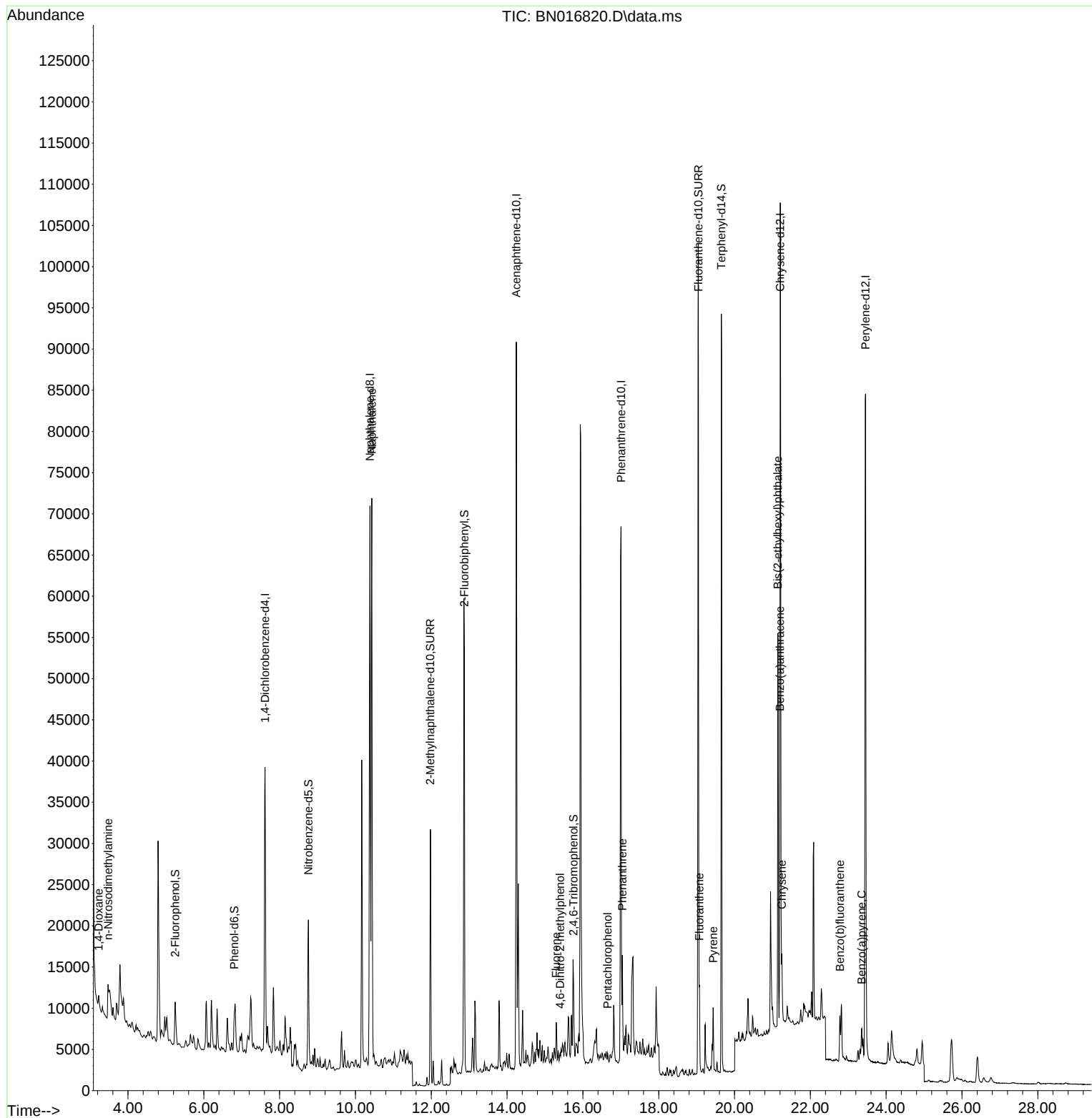
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	19756	0.400	ng	0.00
7) Naphthalene-d8	10.381	136	90079	0.400	ng	# 0.00
13) Acenaphthene-d10	14.243	164	49658	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	95694	0.400	ng	0.00
29) Chrysene-d12	21.206	240	97427	0.400	ng	#-0.01
35) Perylene-d12	23.454	264	104939	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	6789	0.138	ng	0.02
5) Phenol-d6	6.803	99	4624	0.082	ng	0.00
8) Nitrobenzene-d5	8.759	82	16774	0.266	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	42353	0.316	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	9387	0.365	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	54208	0.271	ng	0.00
27) Fluoranthene-d10	19.043	212	110427	0.415	ng	0.00
31) Terphenyl-d14	19.654	244	91732	0.432	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.226	88	315	0.036	ng	# 17
3) n-Nitrosodimethylamine	3.475	42	2050	0.132	ng	# 1
9) Naphthalene	10.432	128	89942	0.367	ng	100
18) Fluorene	15.296	166	3780	0.021	ng	# 81
20) 4,6-Dinitro-2-methylph...	15.398	198	100	0.211	ng	# 1
24) Pentachlorophenol	16.653	266	456	0.118	ng	97
25) Phenanthrene	17.042	178	13437	0.047	ng	96
28) Fluoranthene	19.073	202	8372	0.026	ng	99
30) Pyrene	19.435	202	7215	0.024	ng	# 93
32) Benzo(a)anthracene	21.196	228	6270	0.021	ng	# 93
33) Chrysene	21.249	228	6764	0.022	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.143	149	46437	0.303	ng	99
37) Benzo(b)fluoranthene	22.779	252	7243	0.022	ng	# 62
39) Benzo(a)pyrene	23.354	252	6137	0.020	ng	# 52

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

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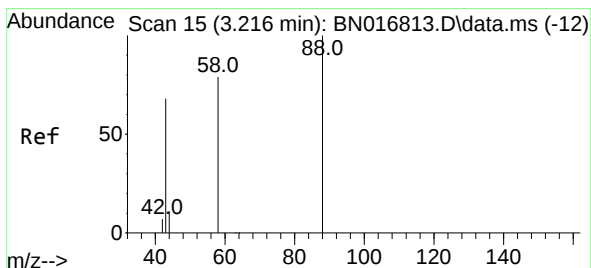
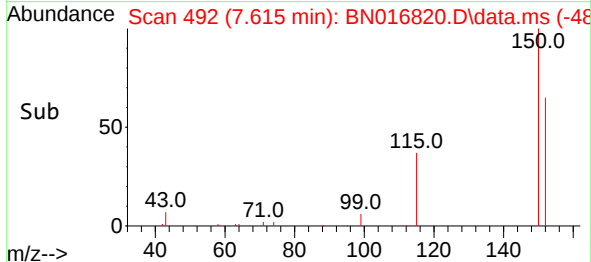
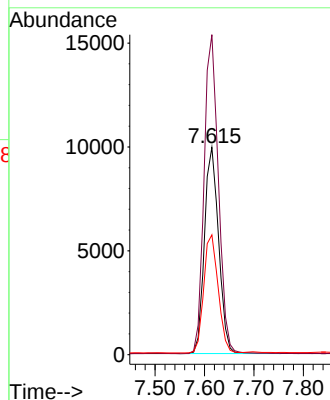
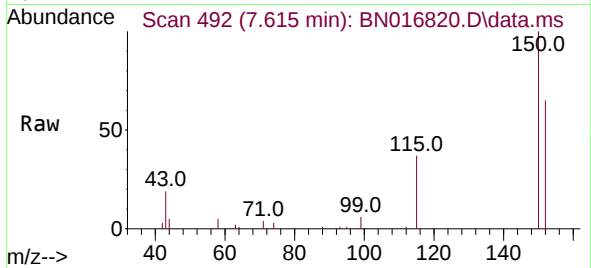




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.615 min Scan# 492
Delta R.T. 0.001 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

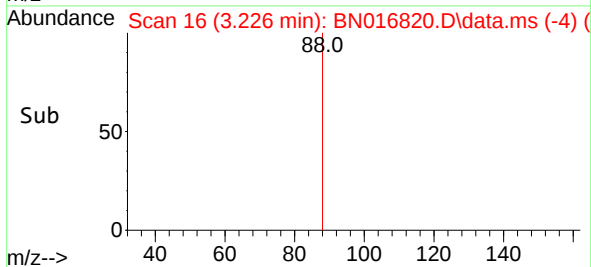
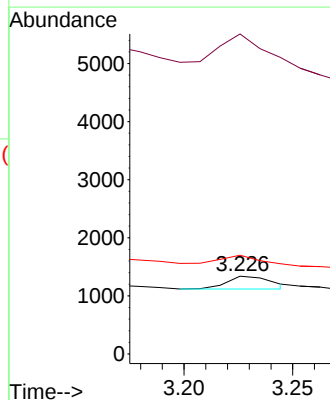
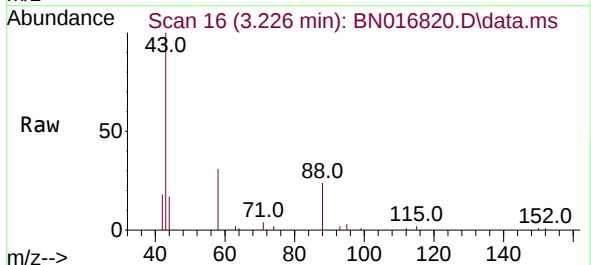
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BNA_N
ClientSampleId :
SW-RR-03-(SA)

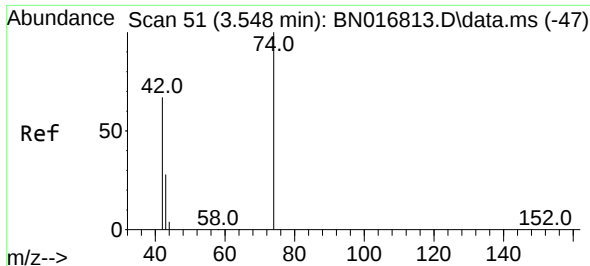
Tgt Ion:152 Resp: 19756
Ion Ratio Lower Upper
152 100
150 154.3 123.3 184.9
115 57.8 47.0 70.6



#2
1,4-Dioxane
Concen: 0.036 ng
RT: 3.226 min Scan# 16
Delta R.T. 0.010 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

Tgt Ion: 88 Resp: 315
Ion Ratio Lower Upper
88 100
43 192.1 61.7 92.5#
58 49.5 62.2 93.2#

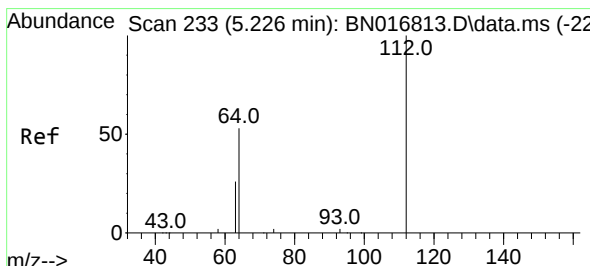
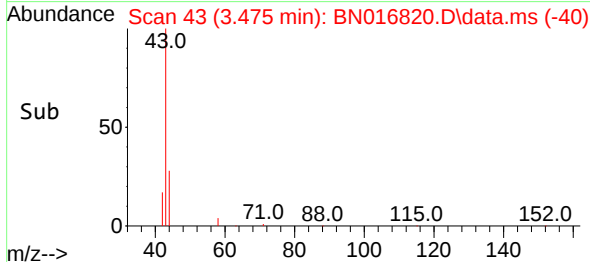
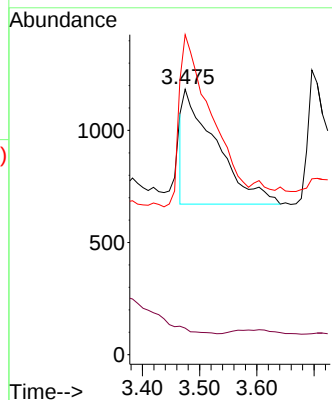
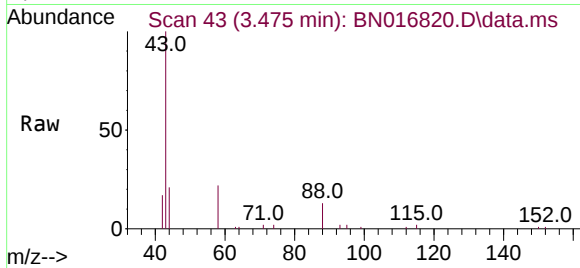




#3
n-Nitrosodimethylamine
Concen: 0.132 ng
RT: 3.475 min Scan# 43
Delta R.T. -0.073 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

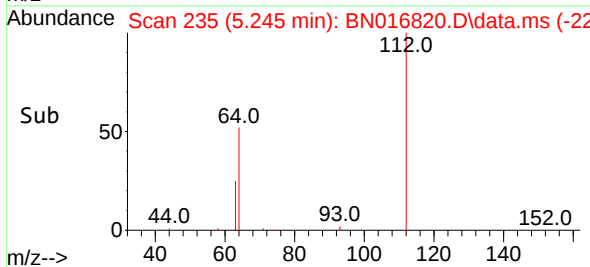
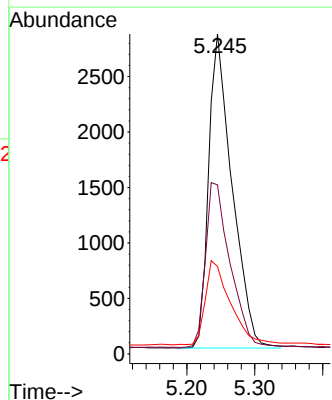
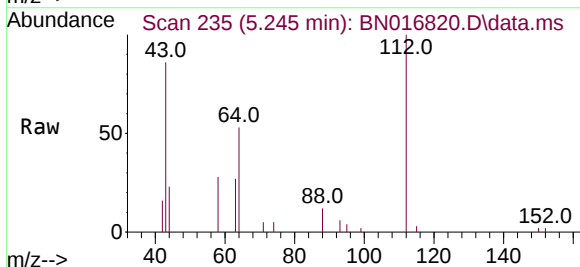
Instrument :
BNA_N
ClientSampleId :
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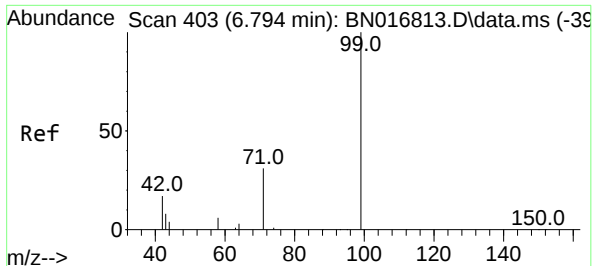
Tgt Ion: 42 Resp: 2050
Ion Ratio Lower Upper
42 100
74 0.0 124.0 186.0#
44 101.8 5.6 8.4#



#4
2-Fluorophenol
Concen: 0.138 ng
RT: 5.245 min Scan# 235
Delta R.T. 0.019 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

Tgt Ion: 112 Resp: 6789
Ion Ratio Lower Upper
112 100
64 55.1 42.9 64.3
63 28.8 21.5 32.3

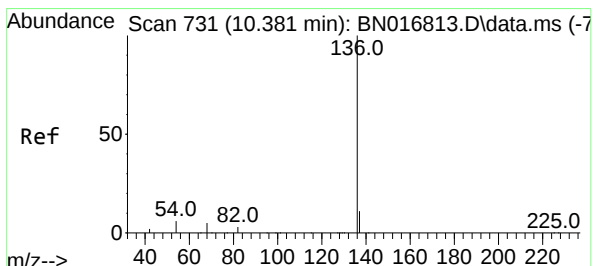
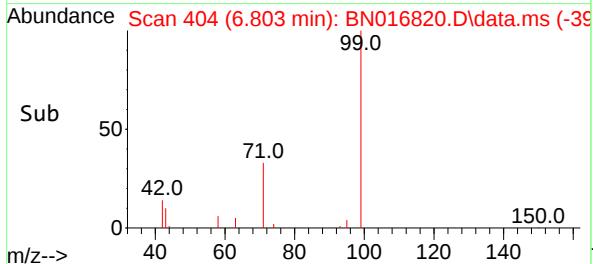
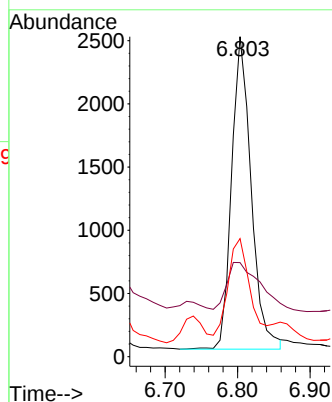
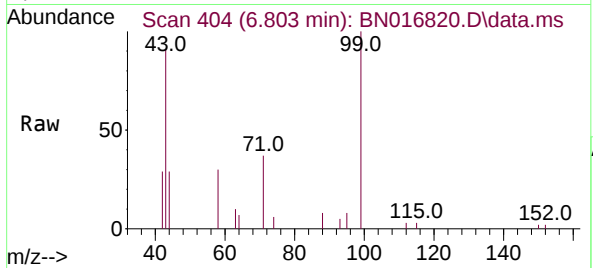




#5
Phenol-d6
Concen: 0.082 ng
RT: 6.803 min Scan# 404
Delta R.T. 0.010 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

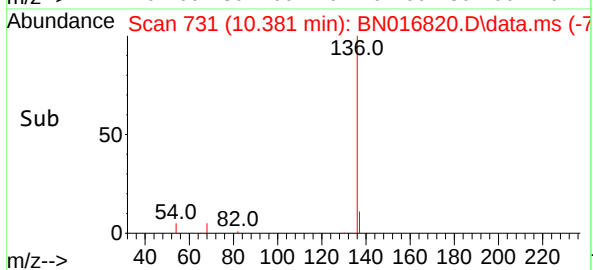
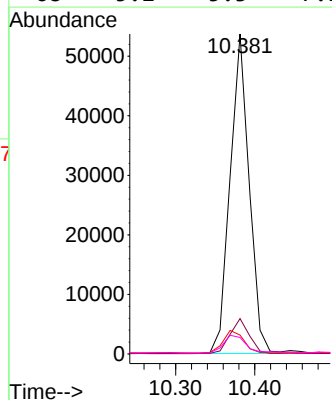
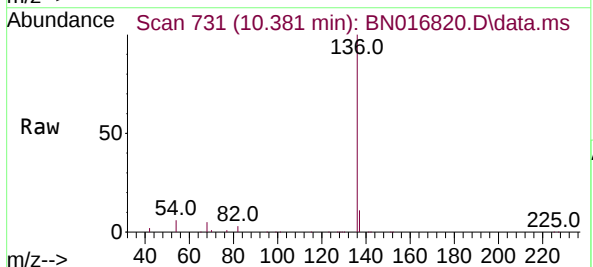
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

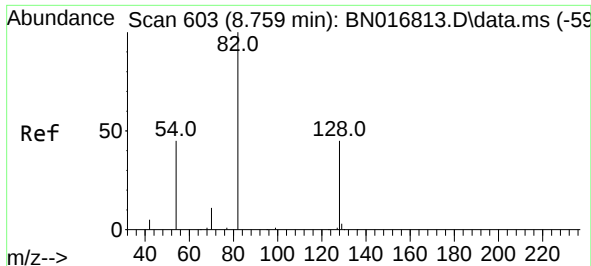
Tgt Ion: 99 Resp: 4624
Ion Ratio Lower Upper
99 100
42 24.3 13.4 20.2#
71 33.0 24.0 36.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

Tgt Ion: 136 Resp: 90079
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 5.9 6.5 9.7#
68 5.2 5.3 7.9#

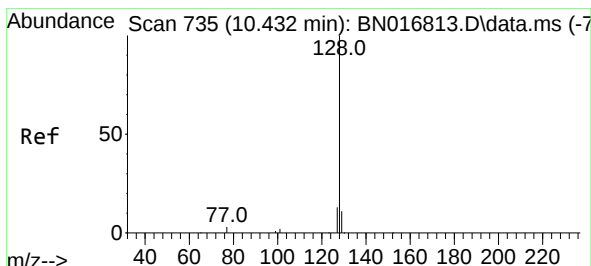
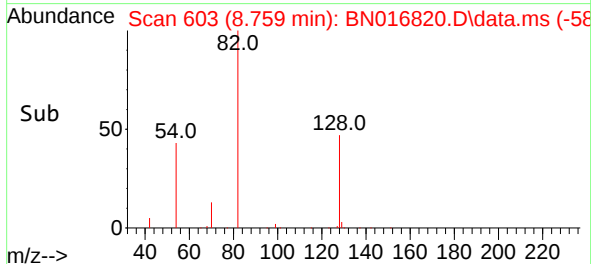
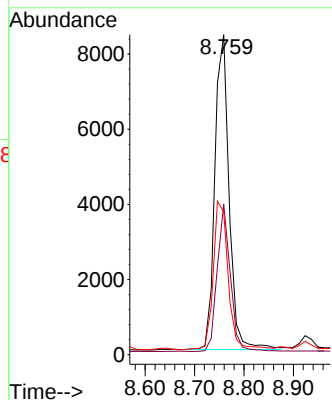
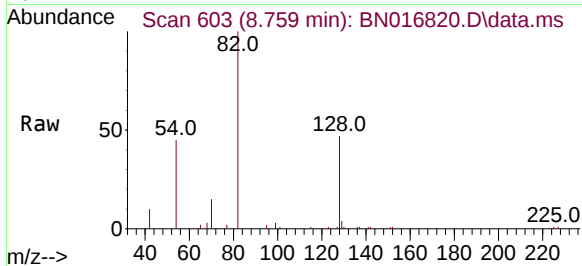




#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 8.759 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

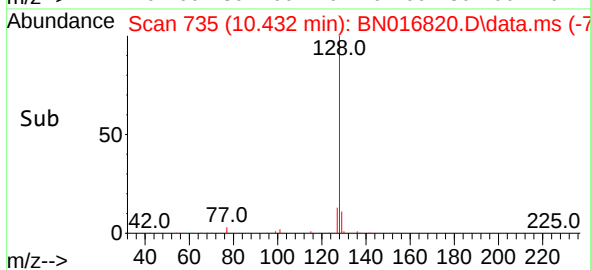
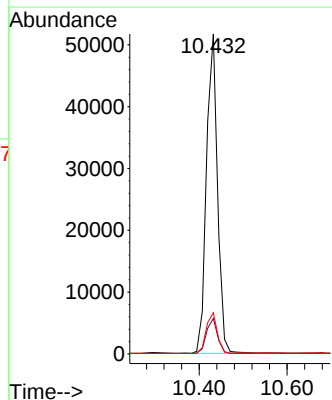
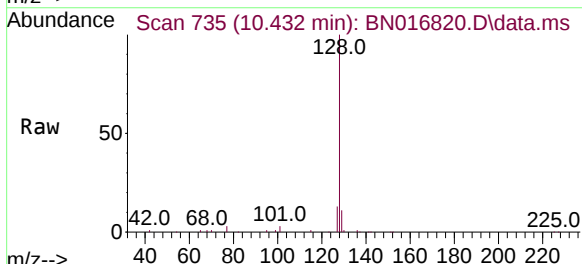
Instrument :
BNA_N
ClientSampleId :
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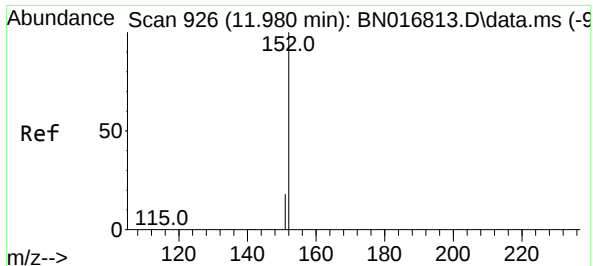
Tgt Ion: 82 Resp: 16774
Ion Ratio Lower Upper
82 100
128 47.1 33.8 50.6
54 44.6 38.5 57.7



#9
Naphthalene
Concen: 0.367 ng
RT: 10.432 min Scan# 735
Delta R.T. 0.000 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

Tgt Ion: 128 Resp: 89942
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.9 10.3 15.5

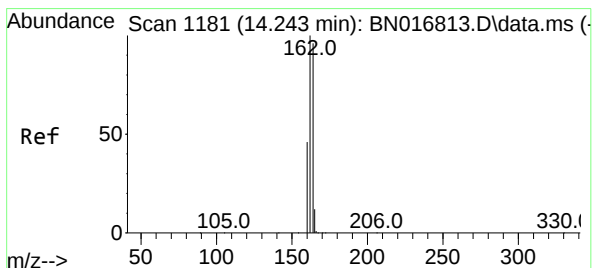
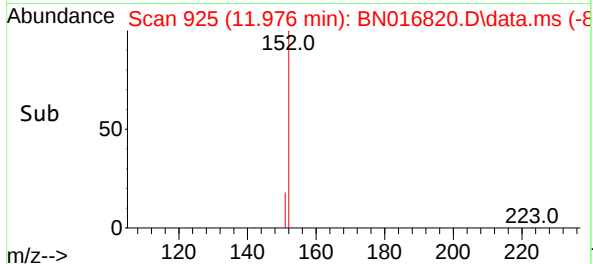
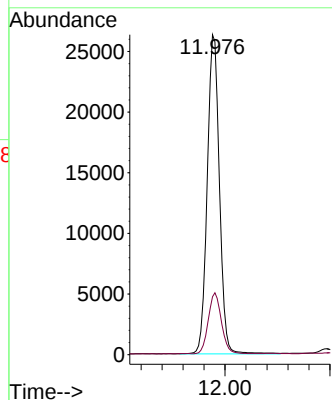
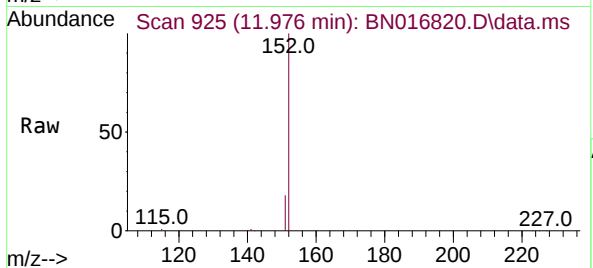




#11
2-Methylnaphthalene-d10
Concen: 0.316 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

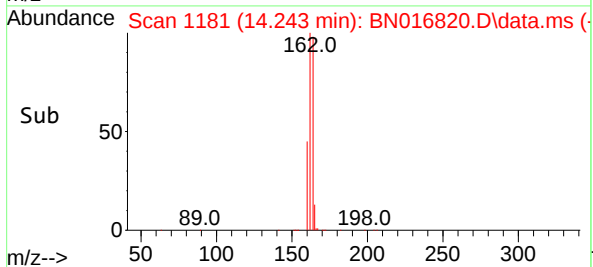
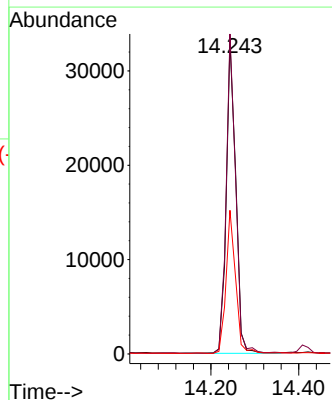
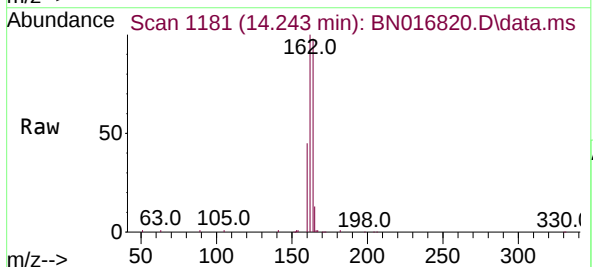
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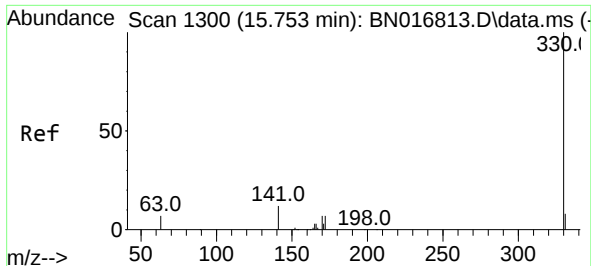
Tgt Ion:152 Resp: 42353
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

Tgt Ion:164 Resp: 49658
Ion Ratio Lower Upper
164 100
162 102.3 82.6 124.0
160 45.9 38.2 57.2

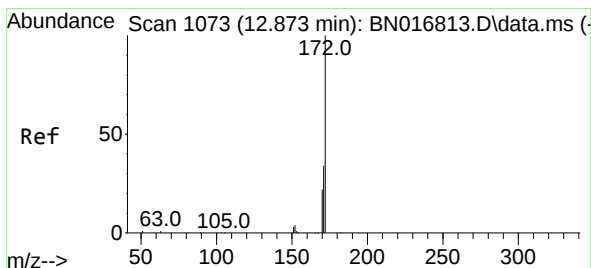
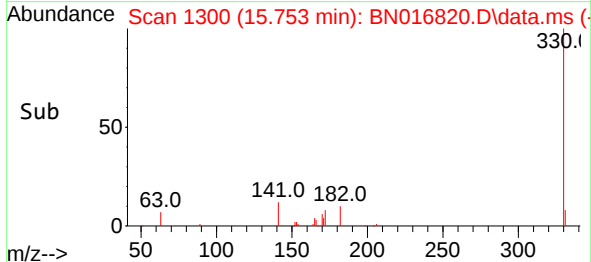
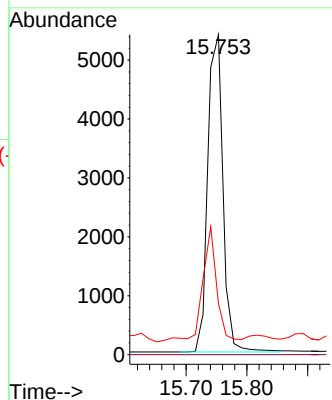
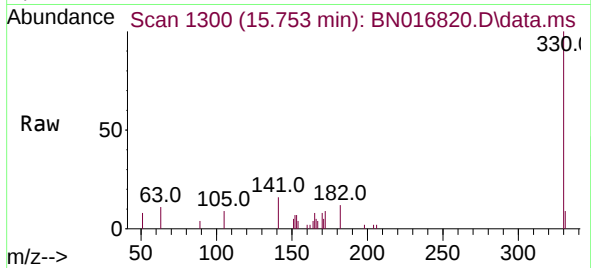




#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.753 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

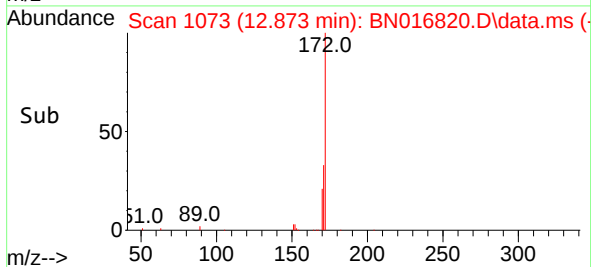
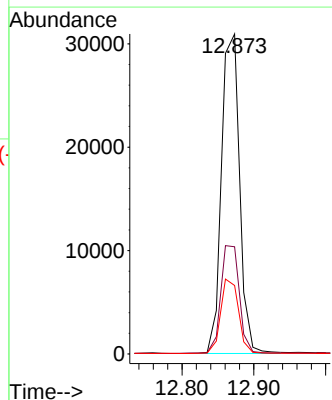
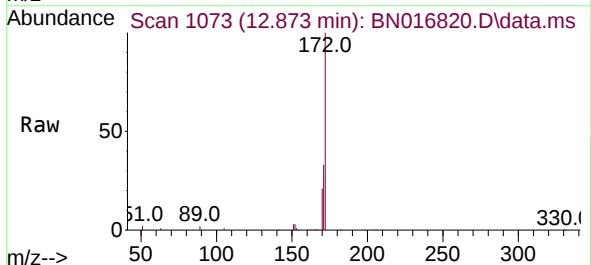
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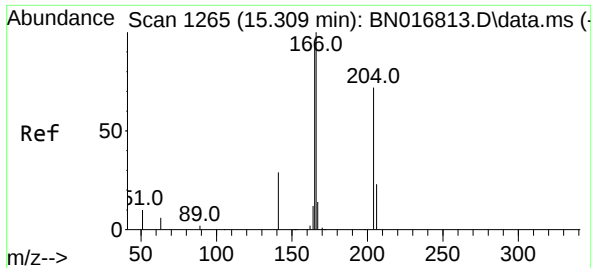
Tgt Ion:330 Resp: 9387
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.2 24.2 36.2



#15
2-Fluorobiphenyl
Concen: 0.271 ng
RT: 12.873 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

Tgt Ion:172 Resp: 54208
Ion Ratio Lower Upper
172 100
171 33.5 26.9 40.3
170 21.4 17.4 26.0

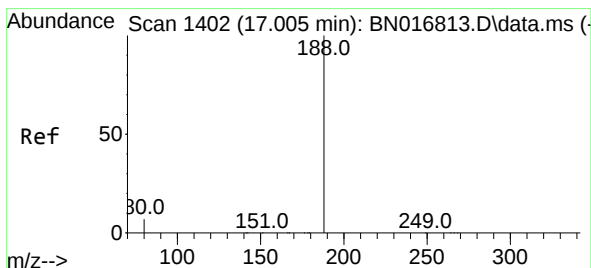
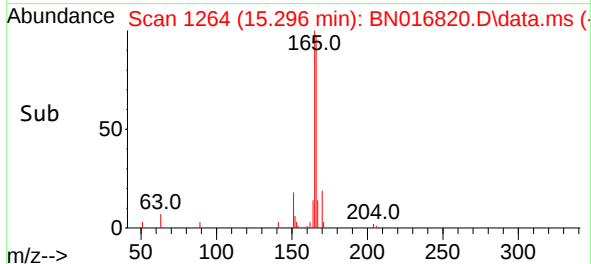
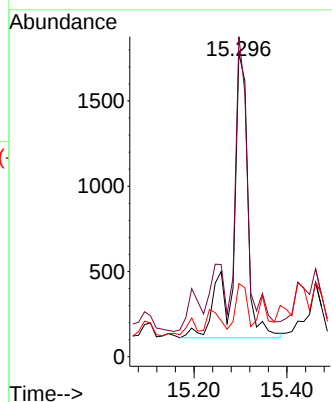
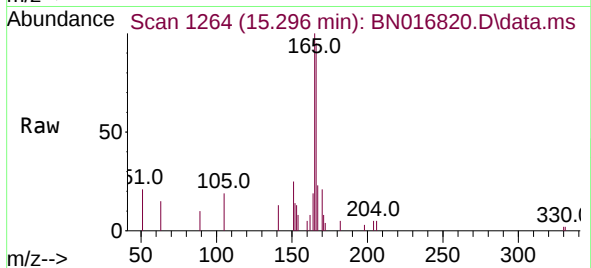




#18
Fluorene
Concen: 0.021 ng
RT: 15.296 min Scan# 1264
Delta R.T. -0.012 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

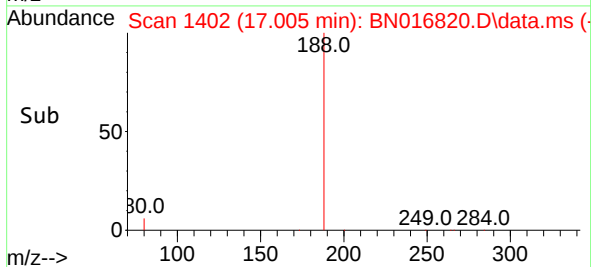
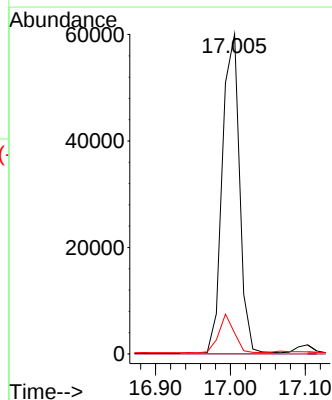
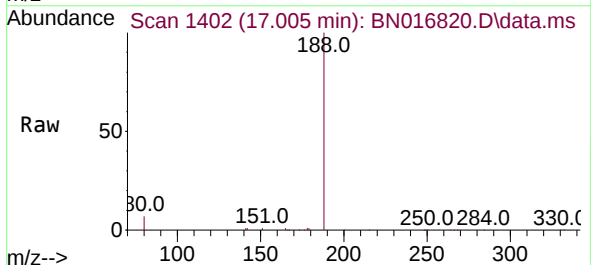
Instrument :
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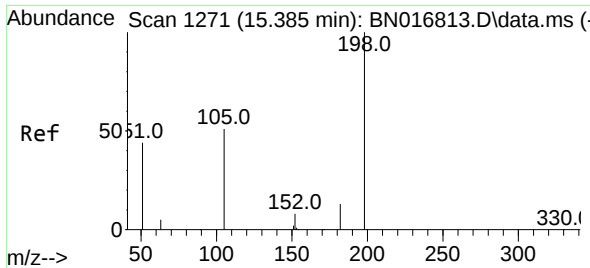
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Ion Ratio Lower Upper
166 100
165 76.9 78.1 117.1#
167 12.6 10.7 16.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

Tgt Ion:188 Resp: 95694
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 6.5 5.8 8.8

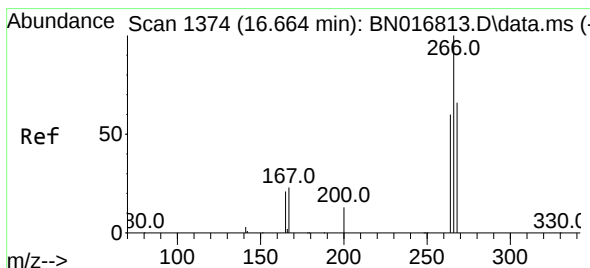
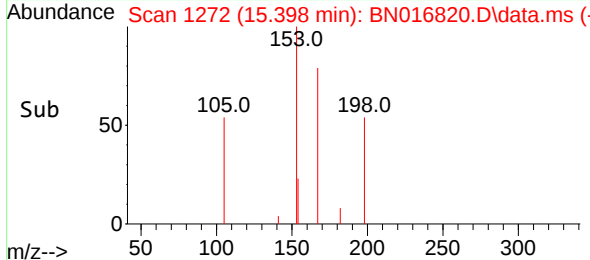
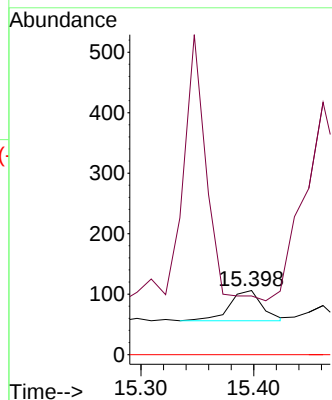
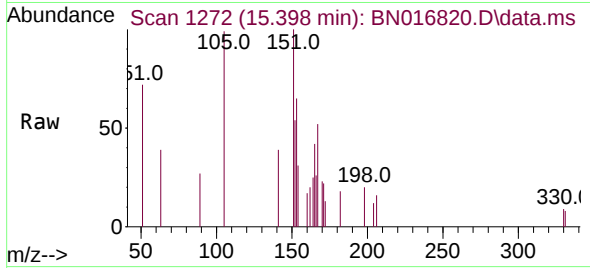




#20
4,6-Dinitro-2-methylphenol
Concen: 0.211 ng
RT: 15.398 min Scan# 1272
Delta R.T. 0.013 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

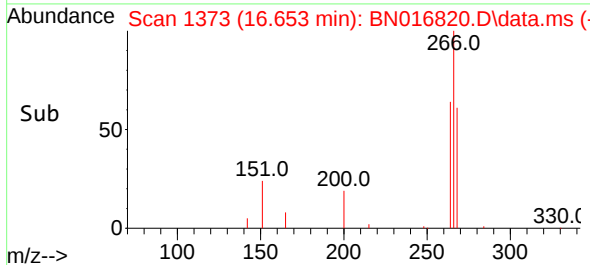
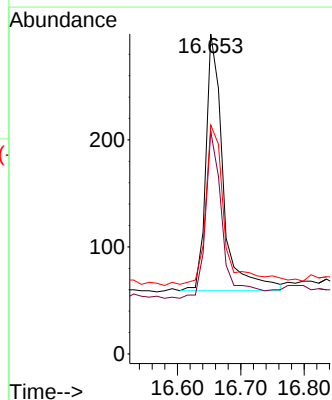
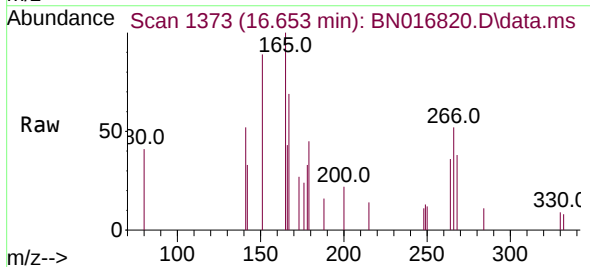
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

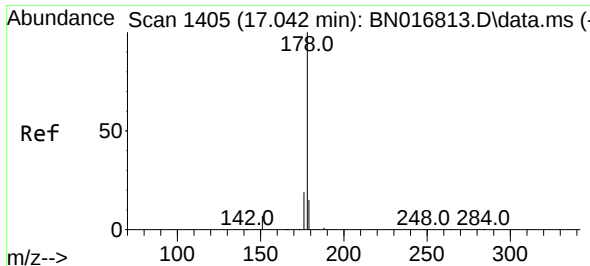
Tgt Ion:198 Resp: 100
Ion Ratio Lower Upper
198 100
182 91.5 26.2 39.2#
77 0.0 0.0 0.0



#24
Pentachlorophenol
Concen: 0.118 ng
RT: 16.653 min Scan# 1373
Delta R.T. -0.011 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

Tgt Ion:266 Resp: 456
Ion Ratio Lower Upper
266 100
264 64.0 49.3 73.9
268 67.8 51.8 77.8

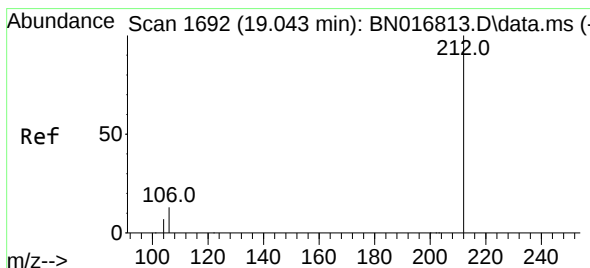
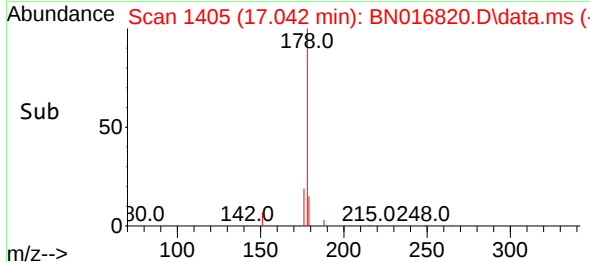
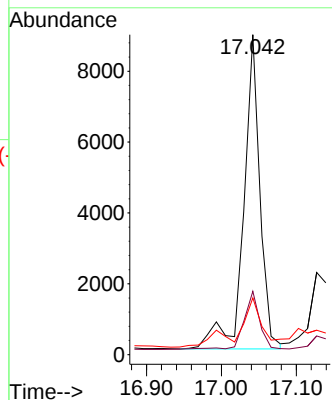
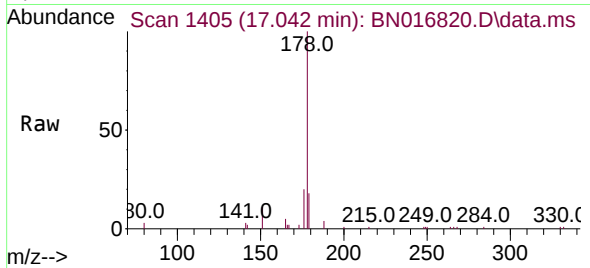




#25
Phenanthrene
Concen: 0.047 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

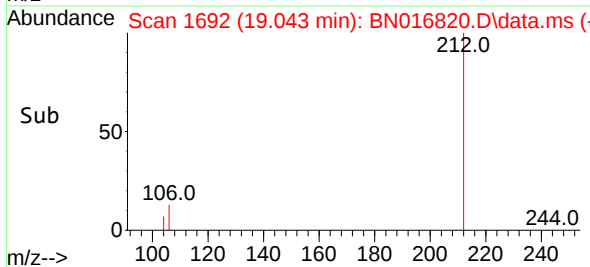
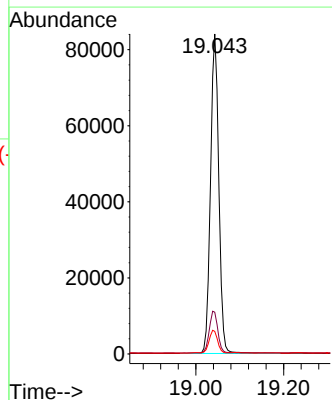
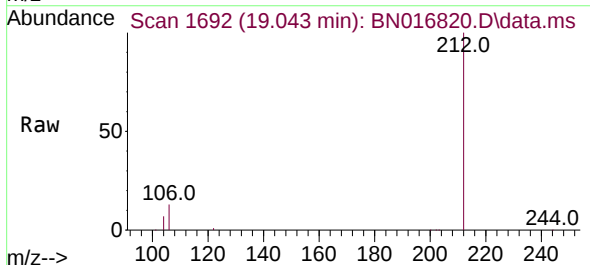
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

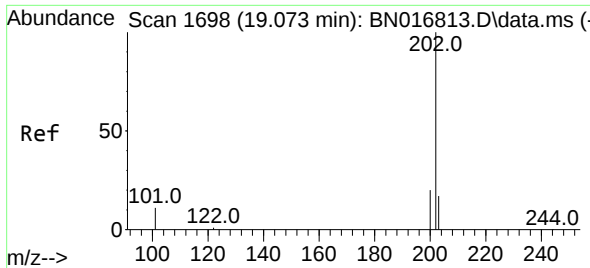
Tgt Ion:	178	Resp:	13437
Ion Ratio	Lower	Upper	
178	100		
176	18.0	15.0	22.6
179	12.7	12.4	18.6



#27
Fluoranthene-d10
Concen: 0.415 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

Tgt Ion:	212	Resp:	110427
Ion Ratio	Lower	Upper	
212	100		
106	13.5	10.6	16.0
104	7.3	5.8	8.8

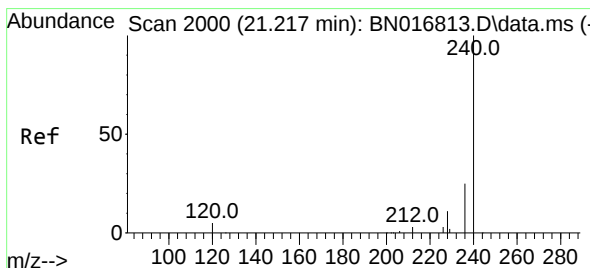
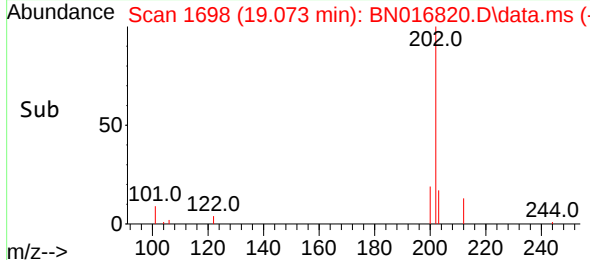
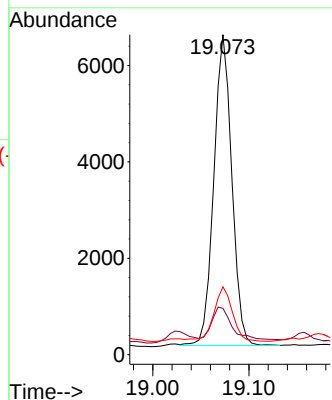
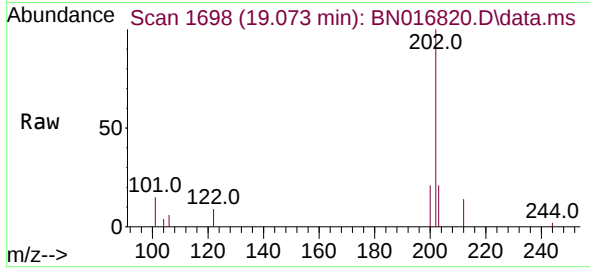




#28
Fluoranthene
Concen: 0.026 ng
RT: 19.073 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

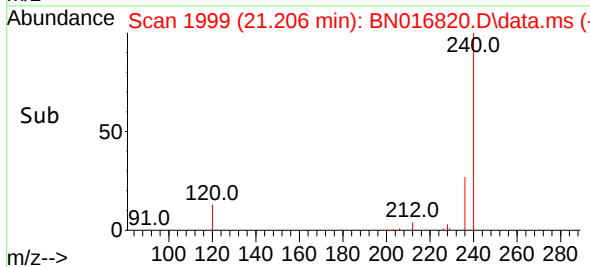
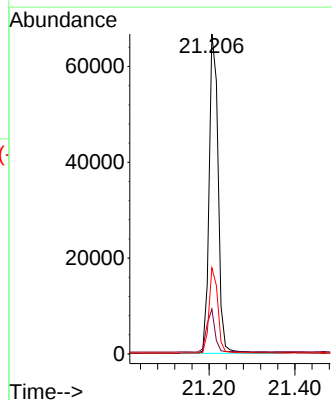
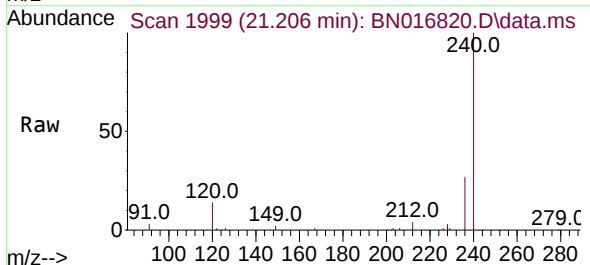
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

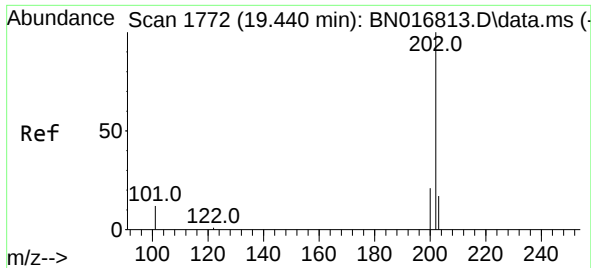
Tgt Ion:202 Resp: 8372
Ion Ratio Lower Upper
202 100
101 11.4 8.9 13.3
203 17.7 13.8 20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.010 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

Tgt Ion:240 Resp: 97427
Ion Ratio Lower Upper
240 100
120 14.0 6.6 10.0#
236 26.9 20.7 31.1

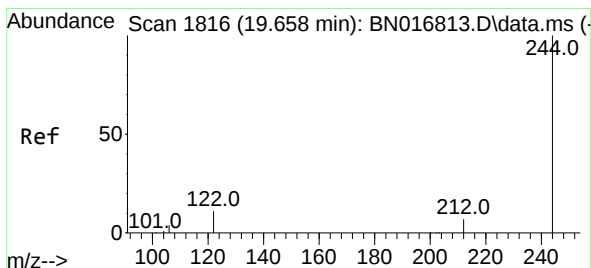
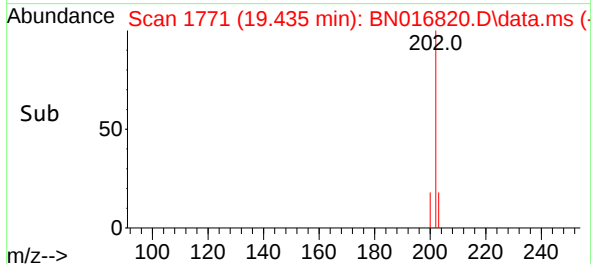
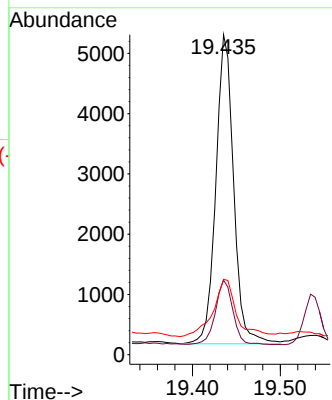
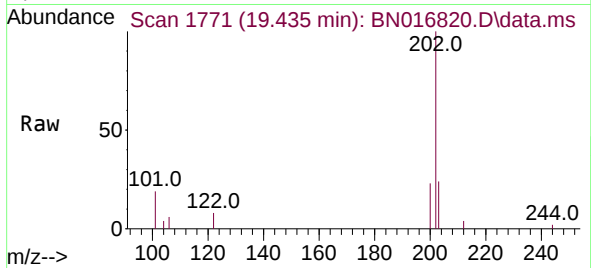




#30
Pyrene
Concen: 0.024 ng
RT: 19.435 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

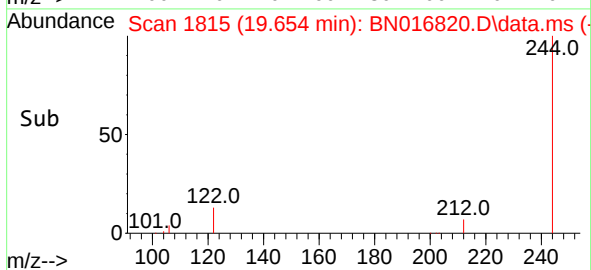
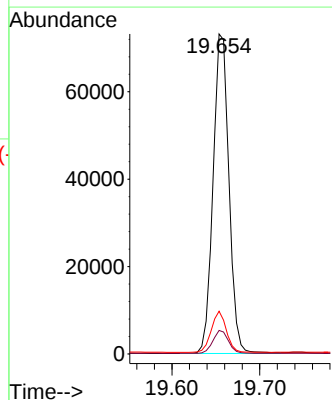
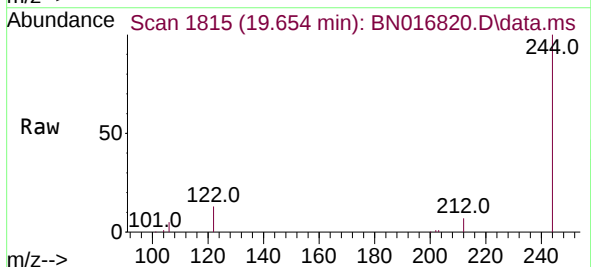
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

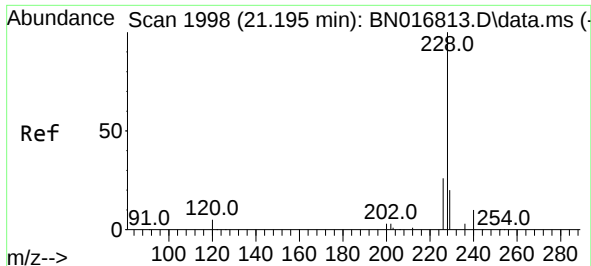
Tgt Ion:202	Resp:	7215
Ion Ratio	Lower	Upper
202	100	
200	20.3	16.5 24.7
203	24.2	13.9 20.9#



#31
Terphenyl-d14
Concen: 0.432 ng
RT: 19.654 min Scan# 1815
Delta R.T. -0.005 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

Tgt Ion:244	Resp:	91732
Ion Ratio	Lower	Upper
244	100	
212	7.3	5.8 8.6
122	13.4	8.9 13.3#

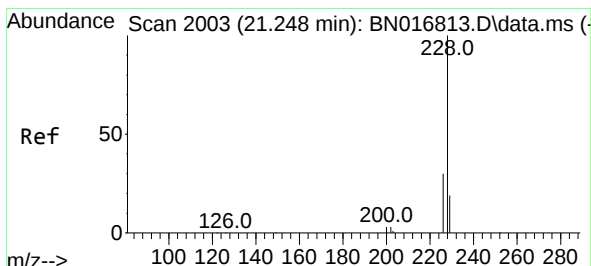
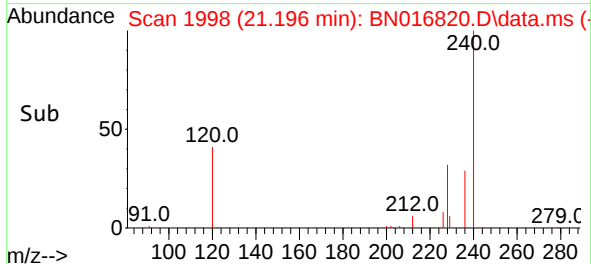
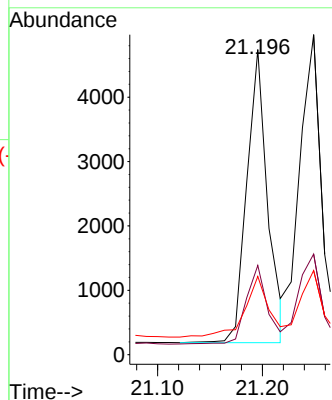
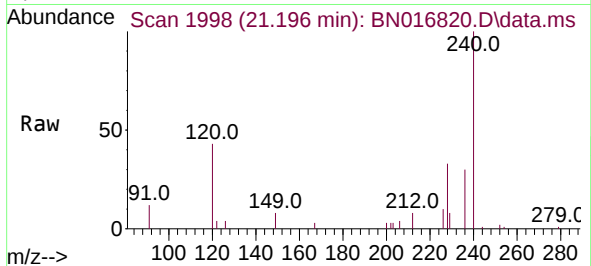




#32
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.196 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

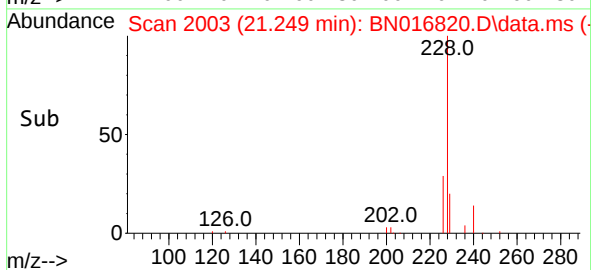
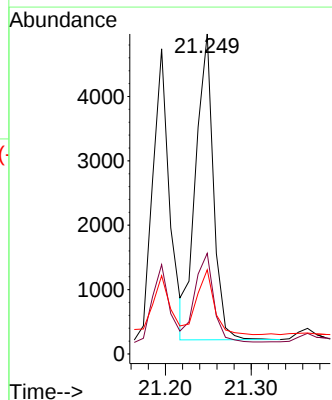
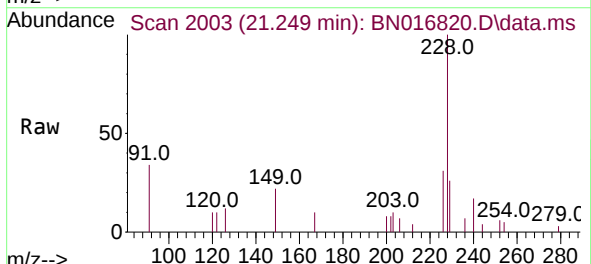
Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

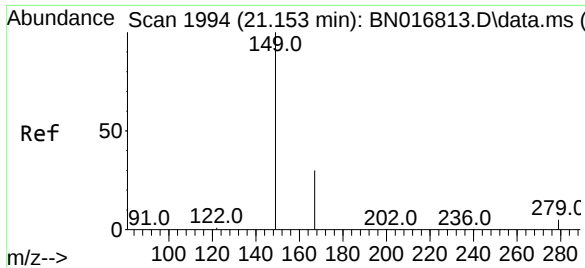
Tgt Ion:228 Resp: 6270
Ion Ratio Lower Upper
228 100
226 29.3 22.3 33.5
229 25.6 15.4 23.0#



#33
Chrysene
Concen: 0.022 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

Tgt Ion:228 Resp: 6764
Ion Ratio Lower Upper
228 100
226 31.5 24.2 36.4
229 26.3 15.4 23.0#

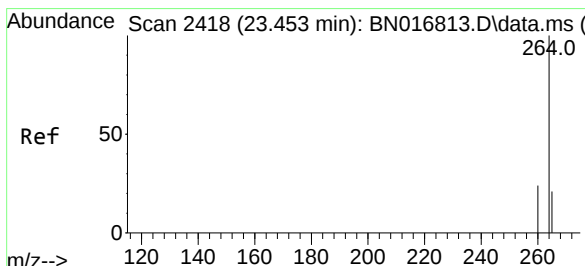
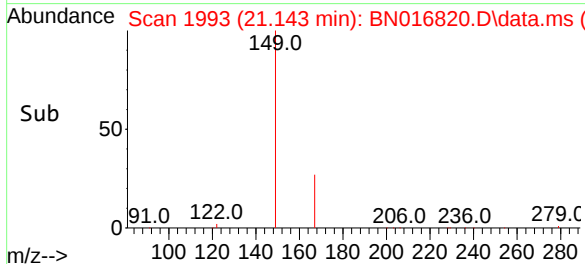
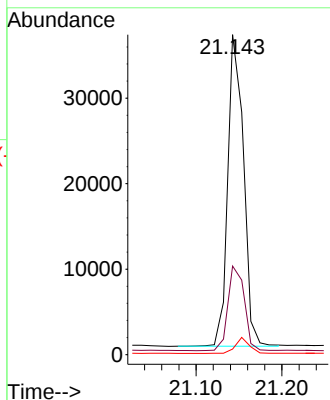
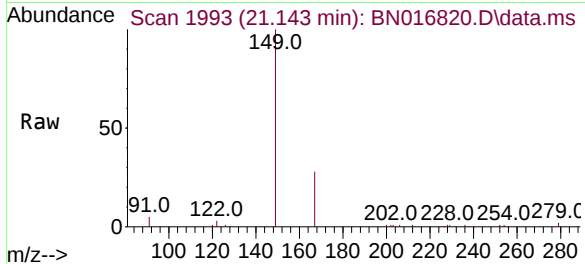




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.303 ng
 RT: 21.143 min Scan# 1993
 Delta R.T. -0.010 min
 Lab File: BN016820.D
 Acq: 07 Oct 2021 23:06

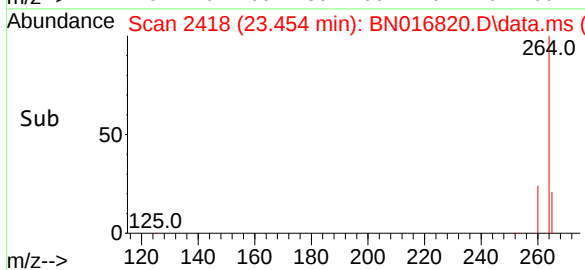
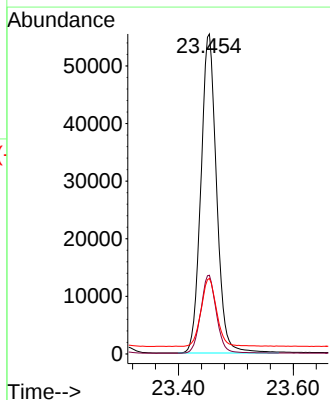
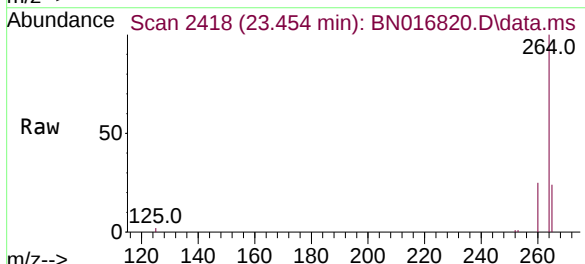
Instrument :
 BNA_N
 ClientSampleId :
 SW-RR-03-(SA)

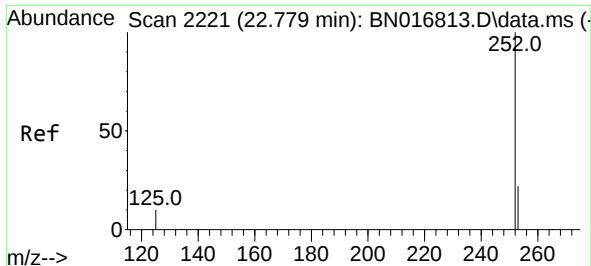
Tgt Ion:149	Resp:	46437
Ion Ratio	Lower	Upper
149	100	
167	28.2	22.2 33.4
279	4.5	3.4 5.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.454 min Scan# 2418
 Delta R.T. 0.000 min
 Lab File: BN016820.D
 Acq: 07 Oct 2021 23:06

Tgt Ion:264	Resp:	104939
Ion Ratio	Lower	Upper
264	100	
260	24.6	19.8 29.6
265	23.6	20.3 30.5

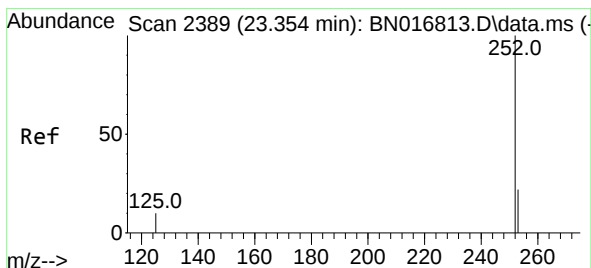
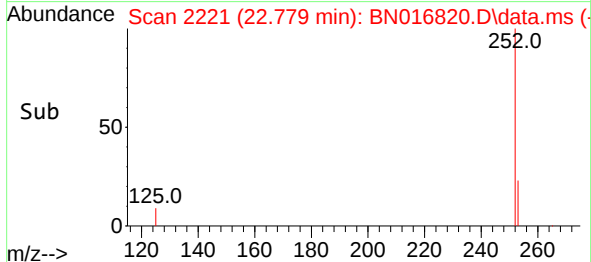
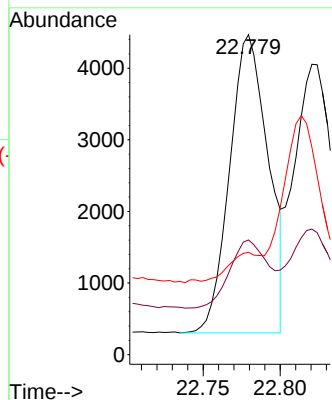
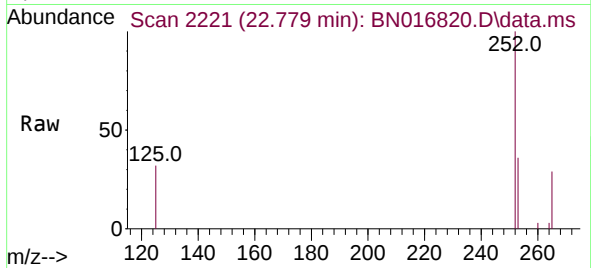




#37
Benzo(b)fluoranthene
Concen: 0.022 ng
RT: 22.779 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

Instrument :
BNA_N
ClientSampleId :
SW-RR-03-(SA)

Tgt Ion:252 Resp: 7243
Ion Ratio Lower Upper
252 100
253 35.8 17.8 26.8#
125 32.0 8.3 12.5#



#39
Benzo(a)pyrene
Concen: 0.020 ng
RT: 23.354 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BN016820.D
Acq: 07 Oct 2021 23:06

Tgt Ion:252 Resp: 6137
Ion Ratio Lower Upper
252 100
253 41.5 17.9 26.9#
125 36.4 9.4 14.2#

