

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
 Data File : BN017625.D
 Acq On : 30 Nov 2021 23:00
 Operator : CG/JU
 Sample : M4826-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-B-425-446-112321

Quant Time: Dec 01 03:15:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 30 18:26:44 2021
 Response via : Initial Calibration

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

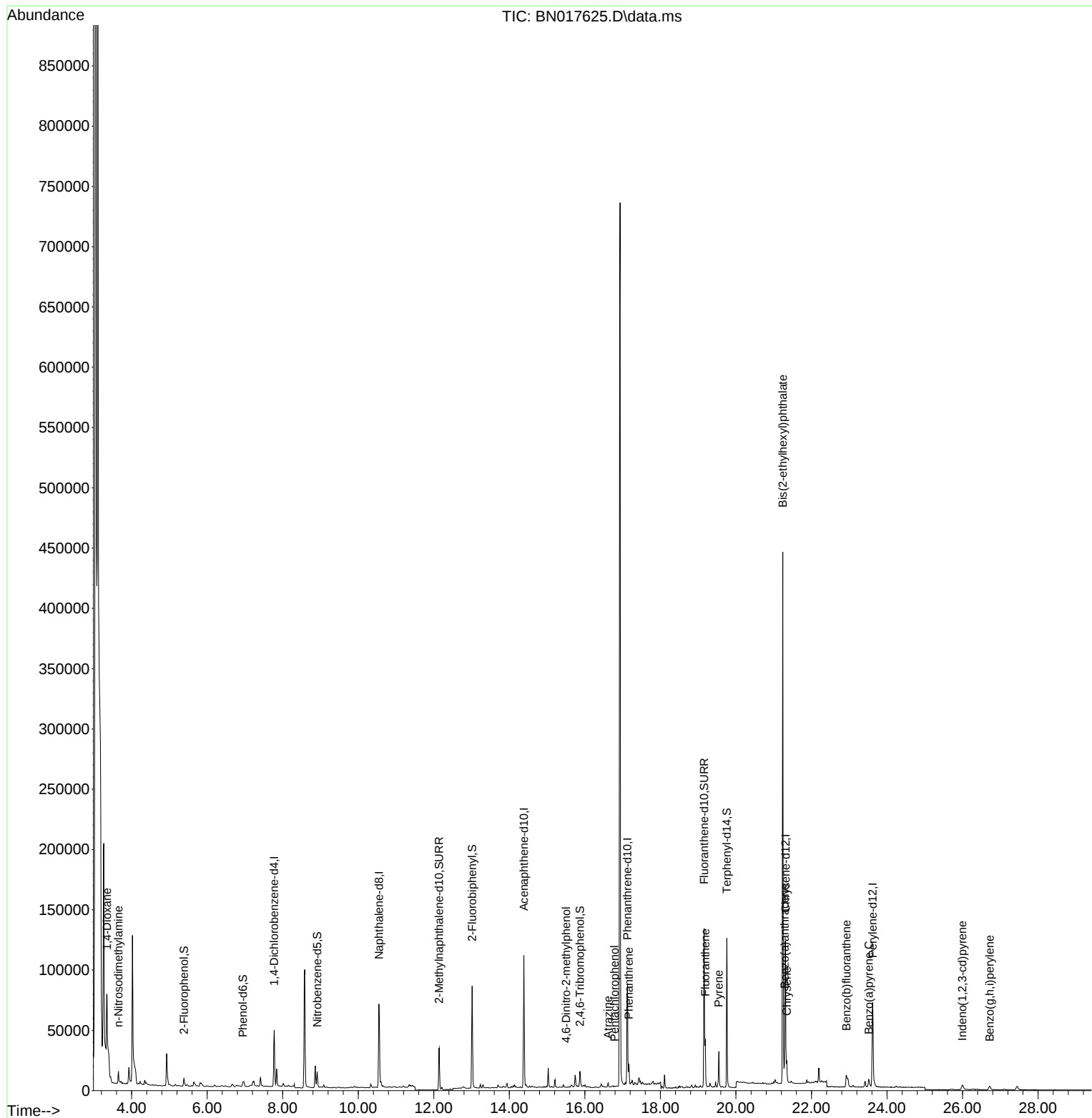
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.773	152	24977	0.400	ng	0.00
7) Naphthalene-d8	10.547	136	99515	0.400	ng	# 0.00
13) Acenaphthene-d10	14.384	164	62158	0.400	ng	0.00
19) Phenanthrene-d10	17.128	188	126895	0.400	ng	0.00
29) Chrysene-d12	21.314	240	120897	0.400	ng	0.00
35) Perylene-d12	23.619	264	102311	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.385	112	5893	0.104	ng	0.02
5) Phenol-d6	6.943	99	3569	0.060	ng	0.00
8) Nitrobenzene-d5	8.913	82	11589	0.274	ng	0.00
11) 2-Methylnaphthalene-d10	12.142	152	51740	0.298	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	11187	0.412	ng	-0.01
15) 2-Fluorobiphenyl	13.014	172	73848	0.305	ng	0.00
27) Fluoranthene-d10	19.159	212	156364	0.394	ng	0.00
31) Terphenyl-d14	19.759	244	128008	0.483	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.347	88	30816	1.836	ng	98
3) n-Nitrosodimethylamine	3.651	42	808	0.034	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.501	198	21	0.060	ng	# 1
23) Atrazine	16.617	200	138	0.133	ng	# 1
24) Pentachlorophenol	16.788	266	292	0.199	ng	92
25) Phenanthrene	17.165	178	18665	0.054	ng	# 94
28) Fluoranthene	19.188	202	34903	0.089	ng	96
30) Pyrene	19.546	202	29153	0.075	ng	# 96
32) Benzo(a)anthracene	21.293	228	15239	0.041	ng	96
33) Chrysene	21.346	228	15640	0.039	ng	96
34) Bis(2-ethylhexyl)phtha...	21.239	149	390997	4.489	ng	96
36) Indeno(1,2,3-cd)pyrene	25.995	276	7565	0.023	ng	# 92
37) Benzo(b)fluoranthene	22.924	252	17316	0.051	ng	# 85
39) Benzo(a)pyrene	23.517	252	11062	0.036	ng	# 84
41) Benzo(g,h,i)perylene	26.717	276	7676	0.027	ng	95

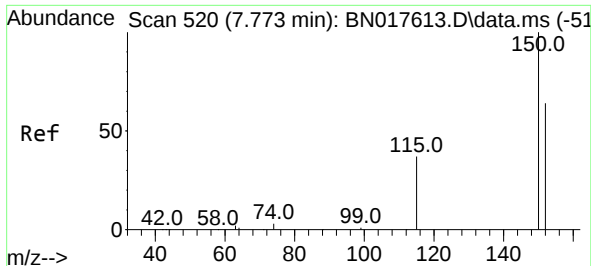
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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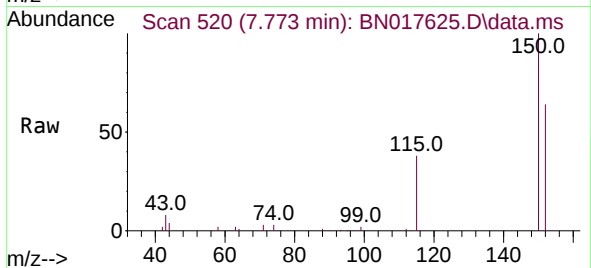
Quant Time: Dec 01 03:15:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
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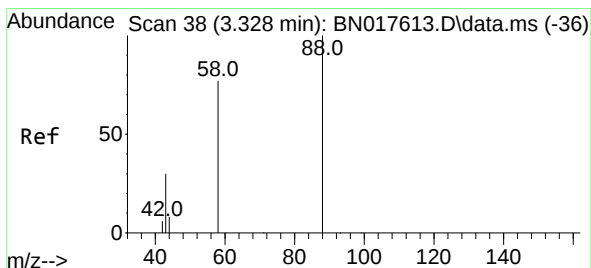
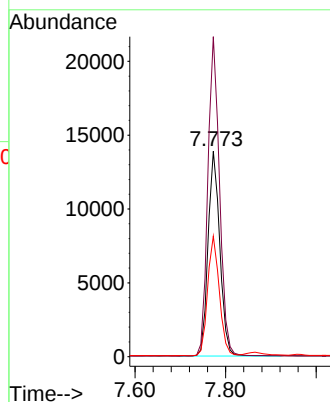
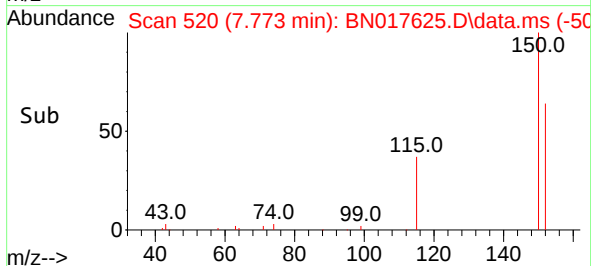


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.773 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: BN017625.D
 Acq: 30 Nov 2021 23:00

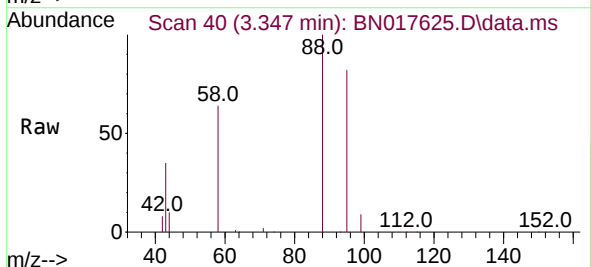
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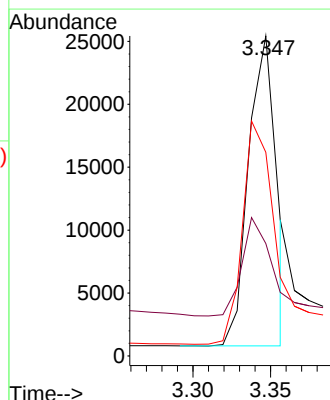
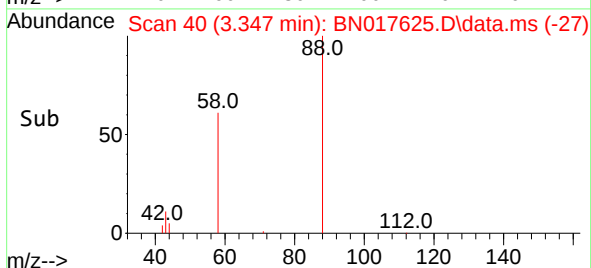
Tgt Ion:152 Resp: 24977
 Ion Ratio Lower Upper
 152 100
 150 155.7 123.0 184.4
 115 58.7 45.6 68.4

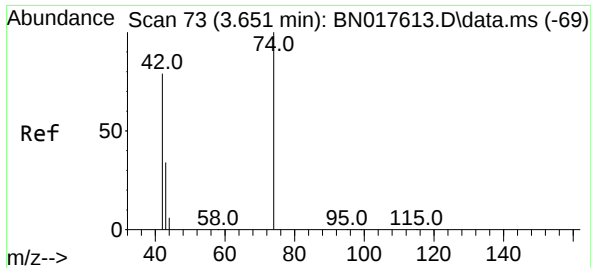


#2
 1,4-Dioxane
 Concen: 1.836 ng
 RT: 3.347 min Scan# 40
 Delta R.T. 0.019 min
 Lab File: BN017625.D
 Acq: 30 Nov 2021 23:00



Tgt Ion: 88 Resp: 30816
 Ion Ratio Lower Upper
 88 100
 43 32.1 24.7 37.1
 58 77.4 63.0 94.6

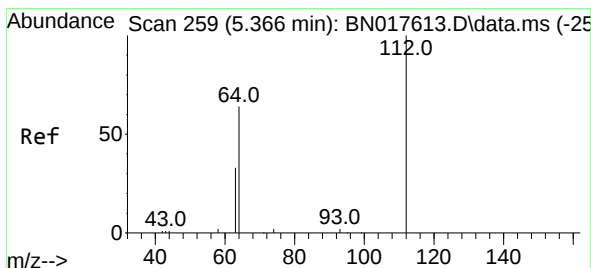
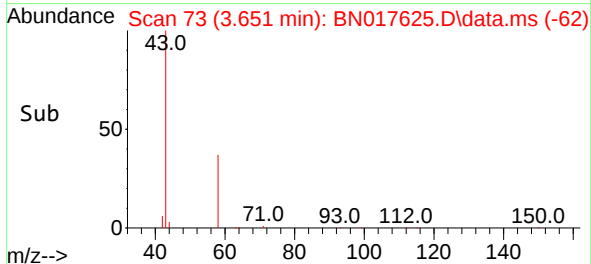
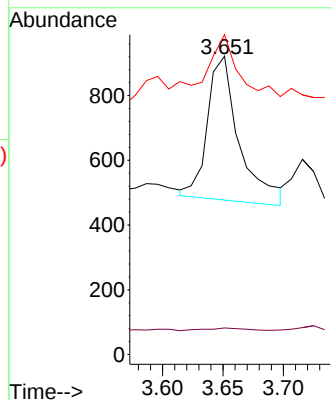
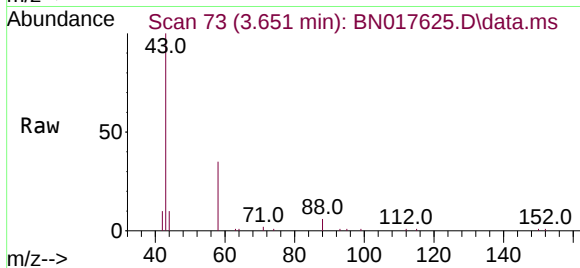




#3
n-Nitrosodimethylamine
Concen: 0.034 ng
RT: 3.651 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

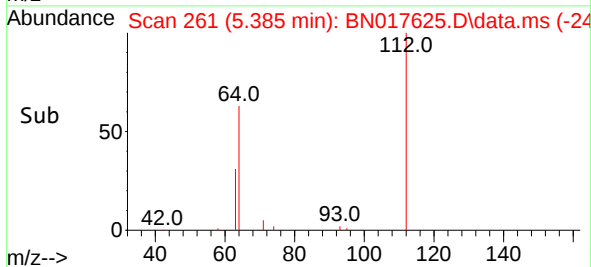
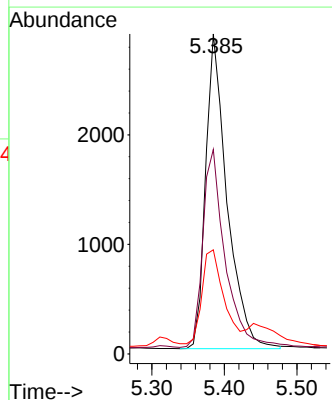
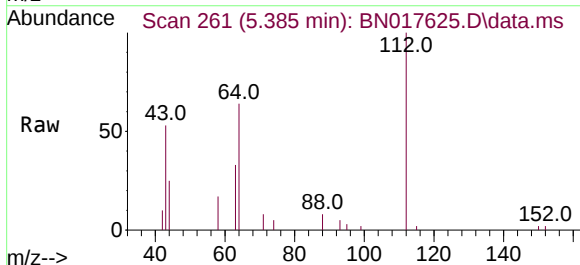
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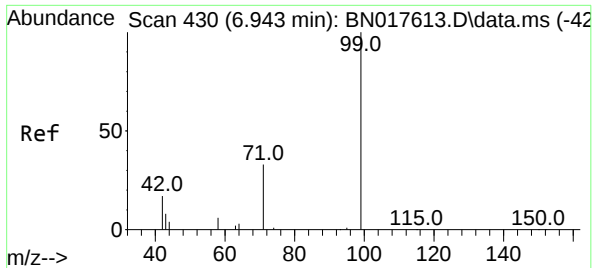
Tgt Ion: 42 Resp: 808
Ion Ratio Lower Upper
42 100
74 2.2 97.8 146.6#
44 49.6 5.5 8.3#



#4
2-Fluorophenol
Concen: 0.104 ng
RT: 5.385 min Scan# 261
Delta R.T. 0.019 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

Tgt Ion: 112 Resp: 5893
Ion Ratio Lower Upper
112 100
64 65.2 47.6 71.4
63 30.2 24.6 37.0

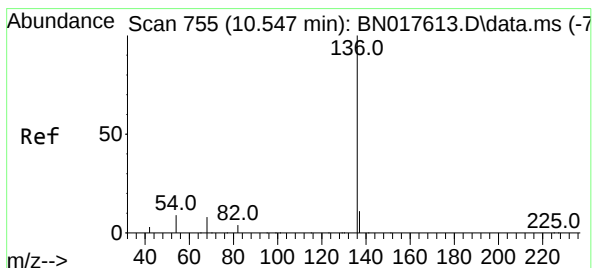
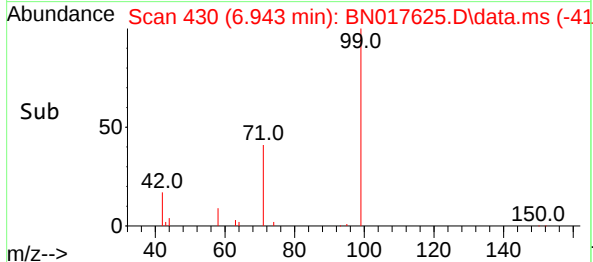
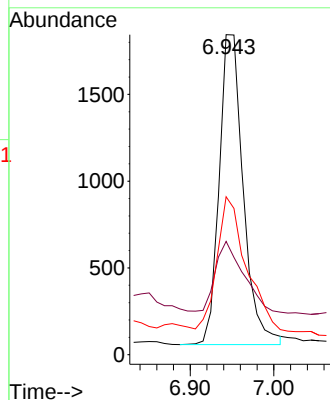
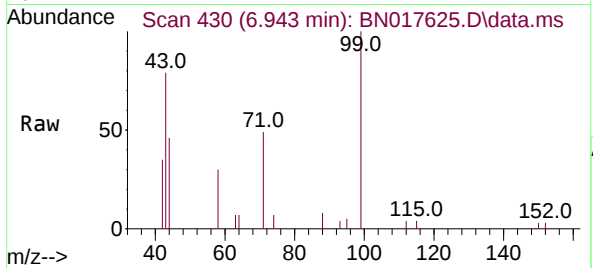




#5
Phenol-d6
Concen: 0.060 ng
RT: 6.943 min Scan# 430
Delta R.T. 0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

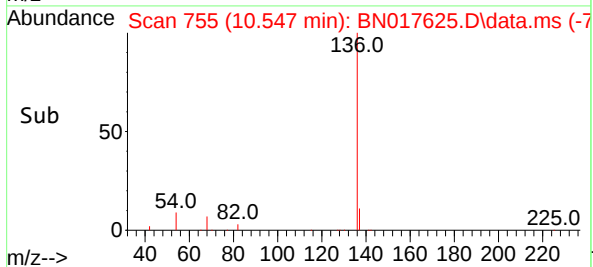
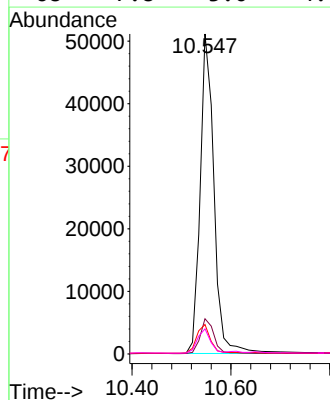
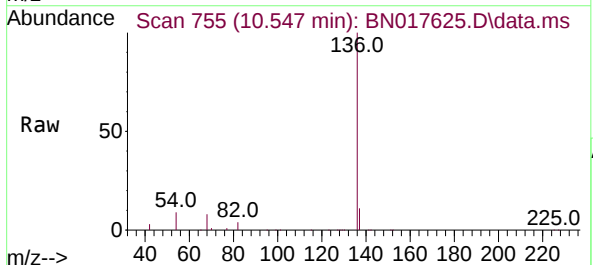
Instrument :
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ClientSampleId :
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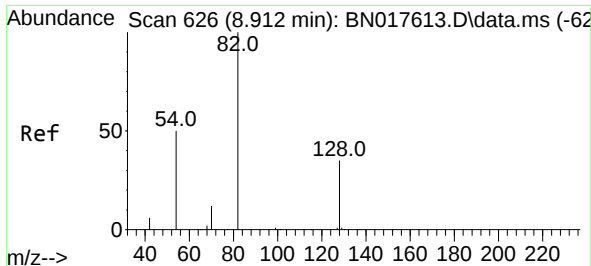
Tgt Ion: 99 Resp: 3569
Ion Ratio Lower Upper
99 100
42 26.5 17.0 25.6#
71 51.4 24.8 37.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.547 min Scan# 755
Delta R.T. 0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

Tgt Ion: 136 Resp: 99515
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.2 4.0 6.0#
68 7.8 3.0 4.6#

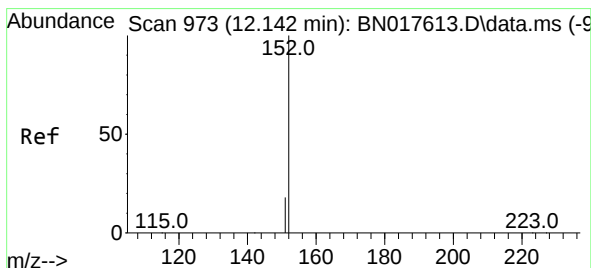
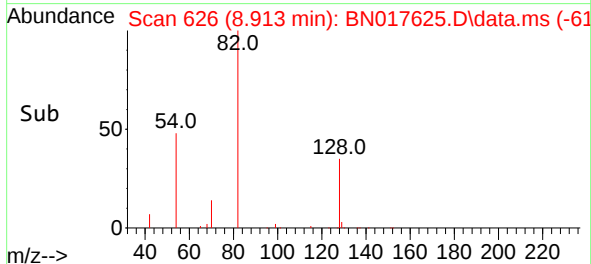
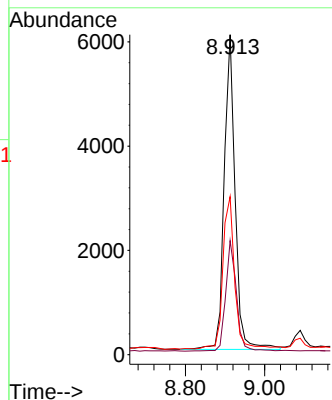
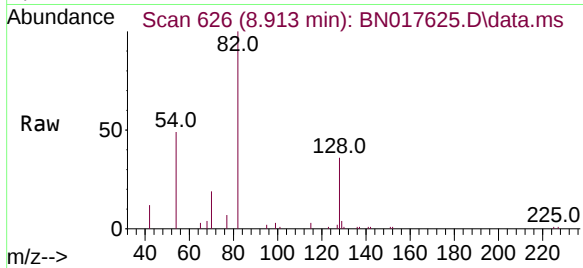




#8
Nitrobenzene-d5
Concen: 0.274 ng
RT: 8.913 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

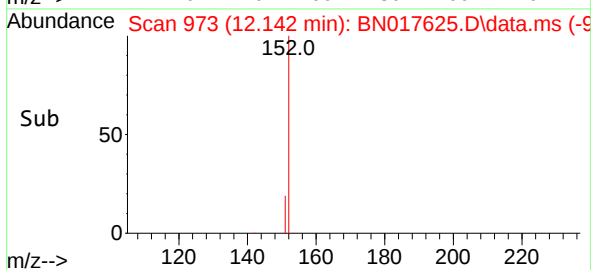
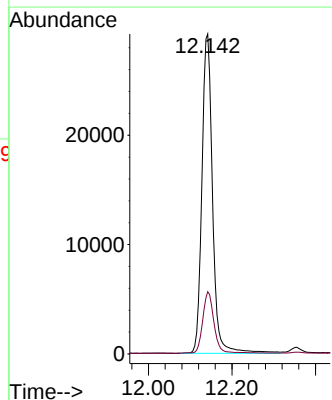
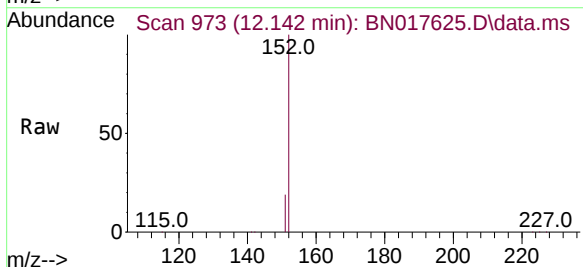
Instrument :
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ClientSampleId :
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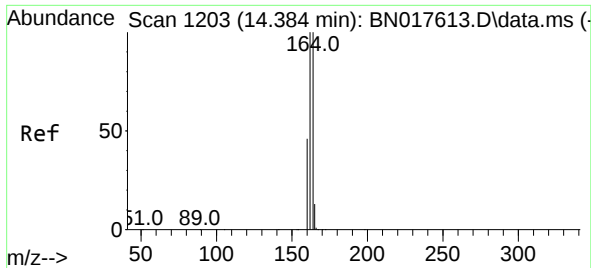
Tgt Ion: 82 Resp: 11589
Ion Ratio Lower Upper
82 100
128 35.6 27.7 41.5
54 49.4 49.2 73.8



#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 12.142 min Scan# 973
Delta R.T. -0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

Tgt Ion: 152 Resp: 51740
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4

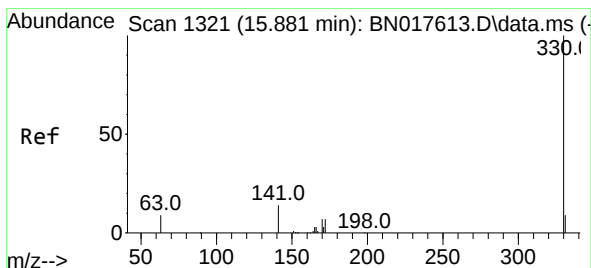
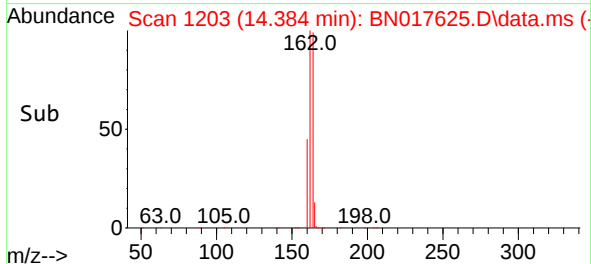
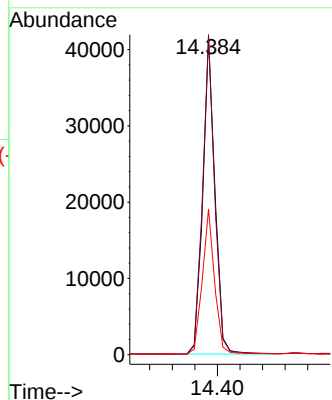
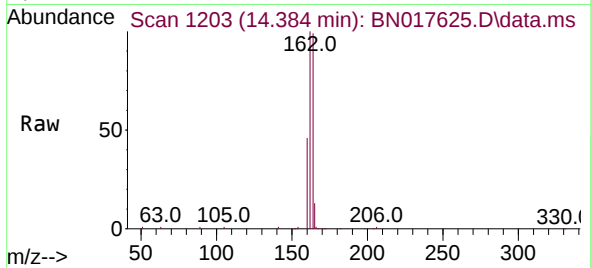




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.384 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

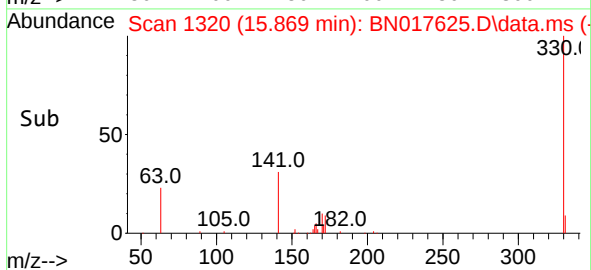
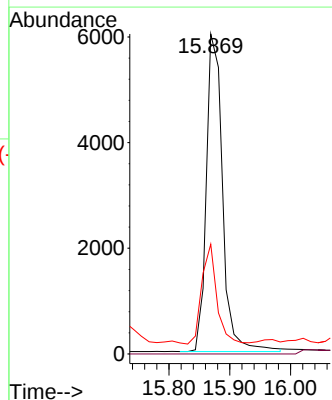
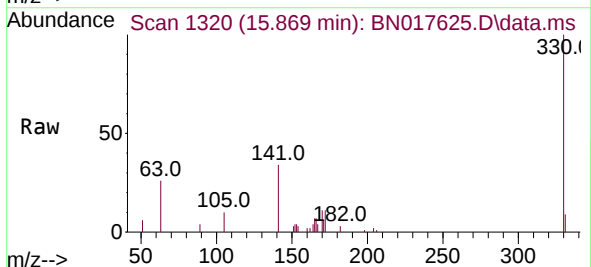
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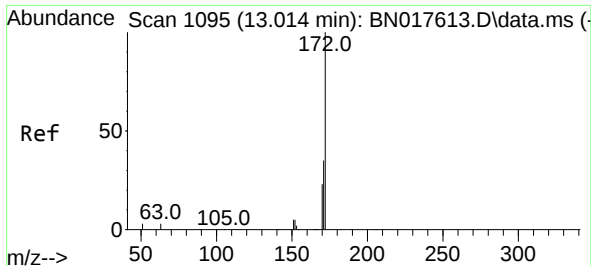
Tgt Ion:164 Resp: 62158
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.2
160 45.9 36.8 55.2



#14
2,4,6-Tribromophenol
Concen: 0.412 ng
RT: 15.869 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

Tgt Ion:330 Resp: 11187
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.2 28.9 43.3

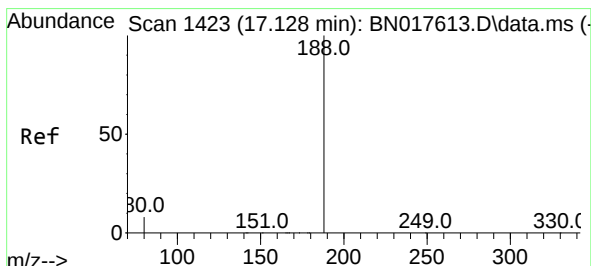
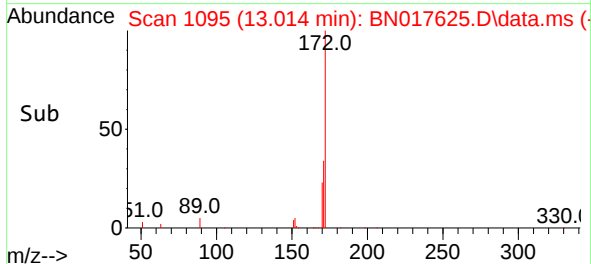
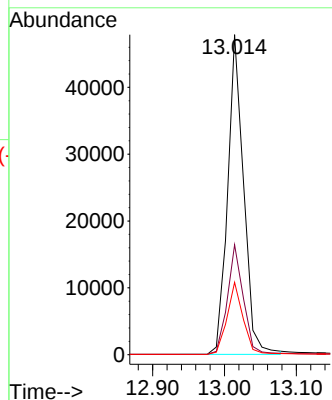
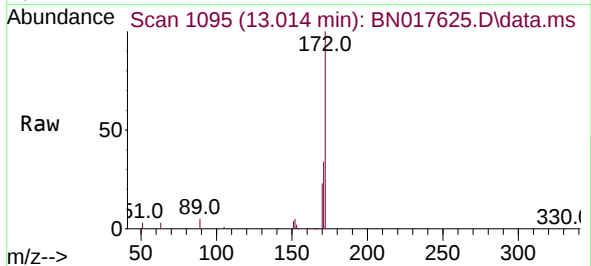




#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 13.014 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

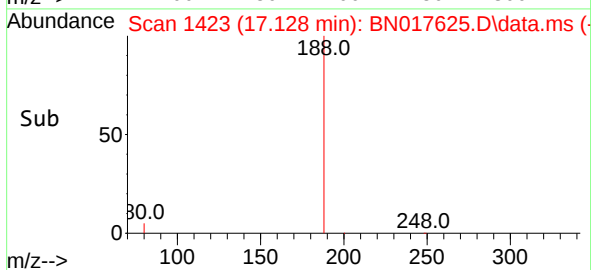
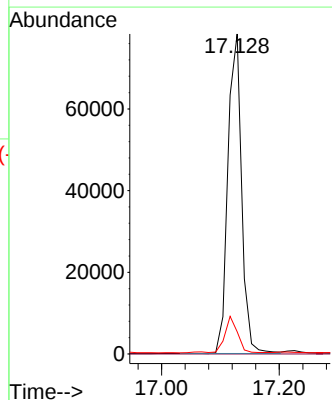
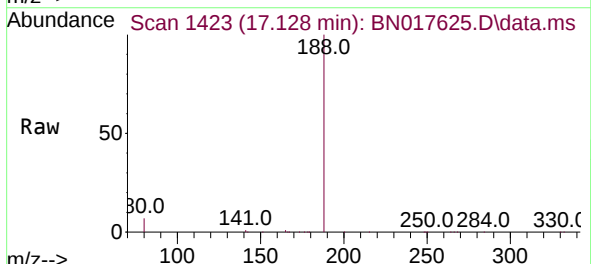
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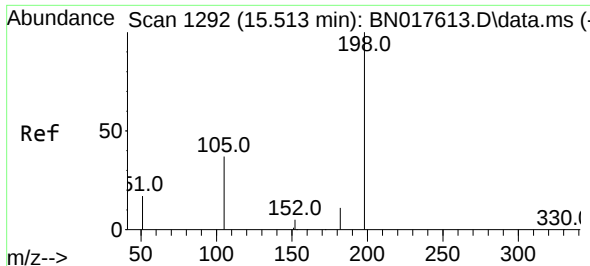
Tgt Ion:172 Resp: 73848
Ion Ratio Lower Upper
172 100
171 34.4 28.7 43.1
170 22.6 19.4 29.2



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.128 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

Tgt Ion:188 Resp: 126895
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 6.1 9.1

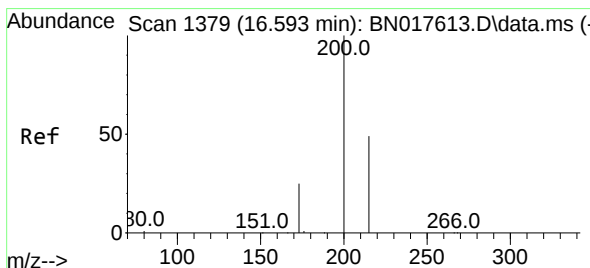
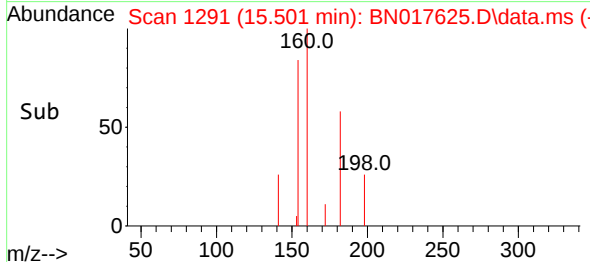
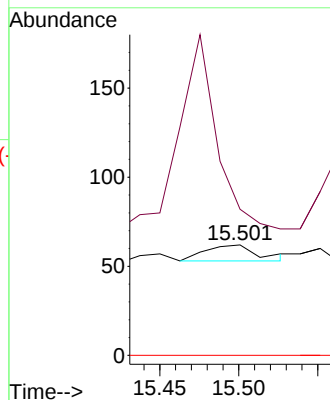
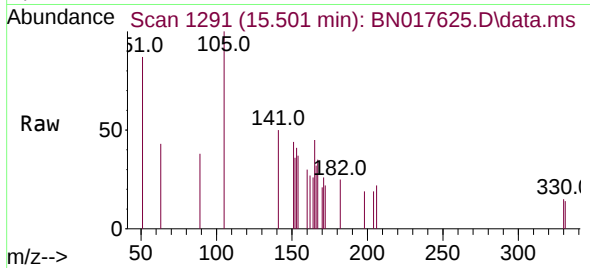




#20
4,6-Dinitro-2-methylphenol
Concen: 0.060 ng
RT: 15.501 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

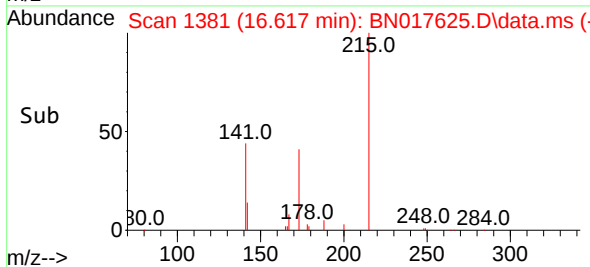
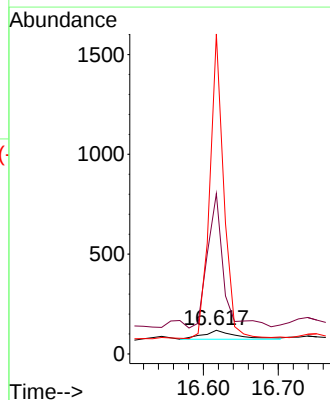
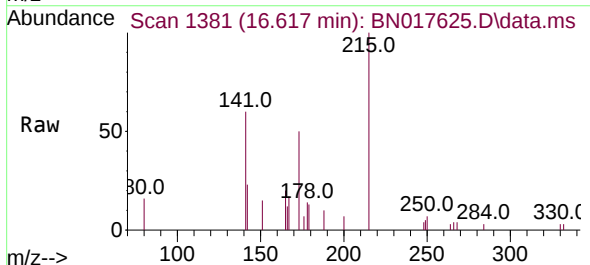
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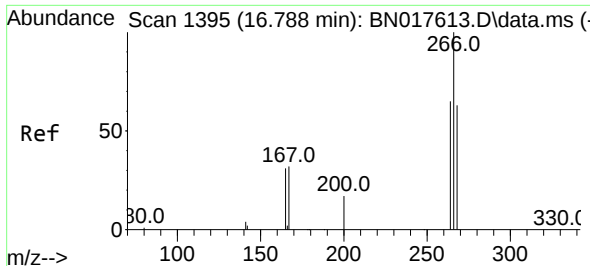
Tgt Ion:198 Resp: 21
Ion Ratio Lower Upper
198 100
182 132.3 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.133 ng
RT: 16.617 min Scan# 1381
Delta R.T. 0.024 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

Tgt Ion:200 Resp: 138
Ion Ratio Lower Upper
200 100
173 674.8 17.6 26.4#
215 1347.1 40.2 60.4#

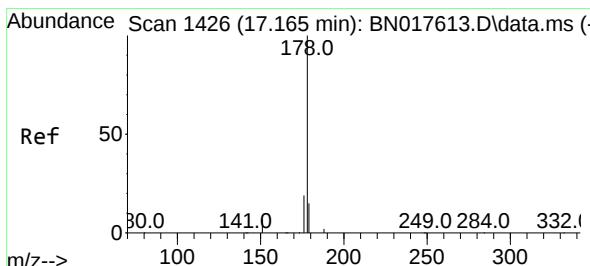
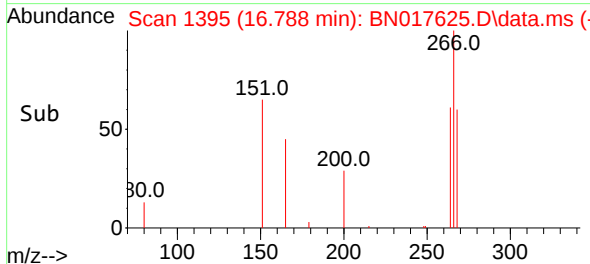
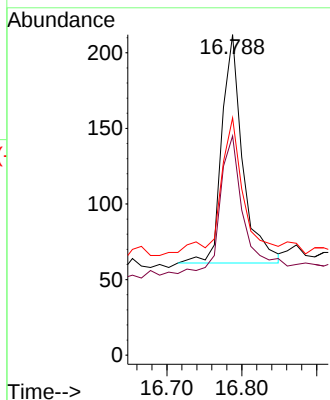
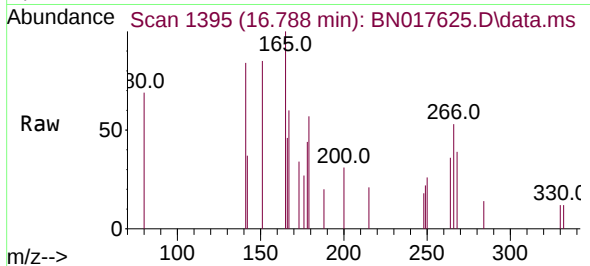




#24
Pentachlorophenol
Concen: 0.199 ng
RT: 16.788 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

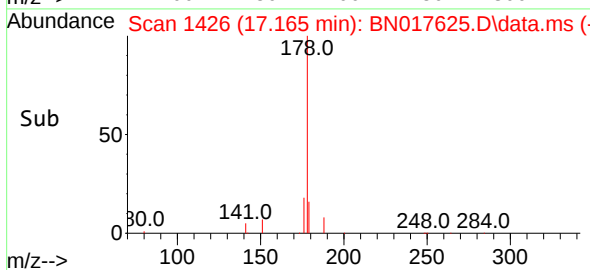
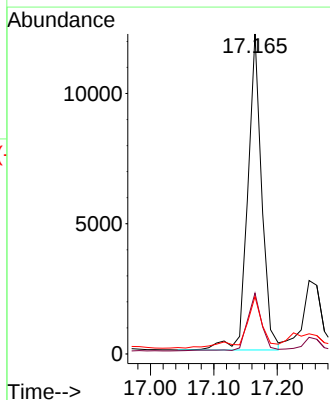
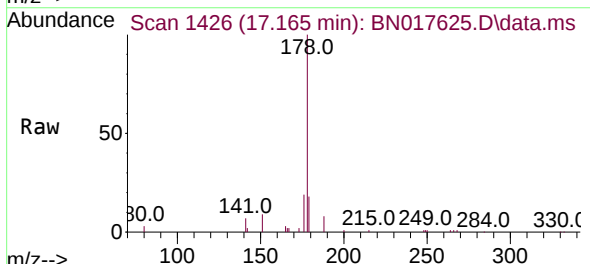
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-425-446-112321

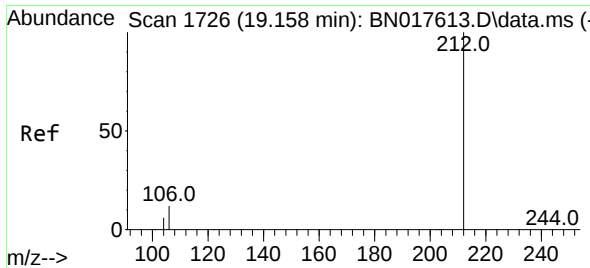
Tgt Ion:266	Resp:	292
Ion Ratio	Lower	Upper
266	100	
264	71.2	49.8 74.8
268	68.2	51.3 76.9



#25
Phenanthrene
Concen: 0.054 ng
RT: 17.165 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

Tgt Ion:178	Resp:	18665
Ion Ratio	Lower	Upper
178	100	
176	17.3	15.0 22.6
179	19.6	12.3 18.5

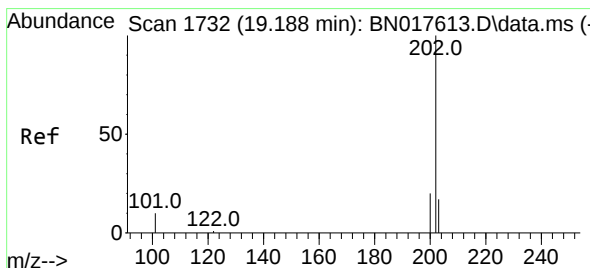
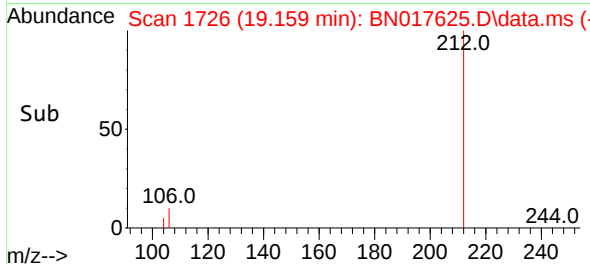
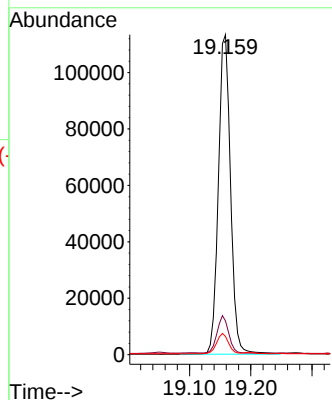
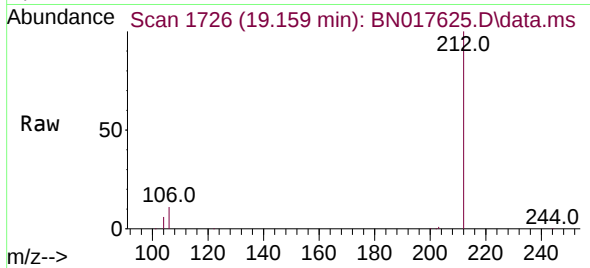




#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.159 min Scan# 1726
Delta R.T. 0.001 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

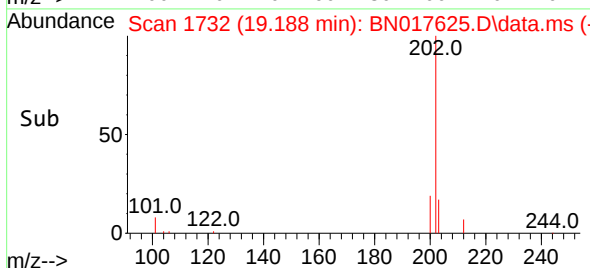
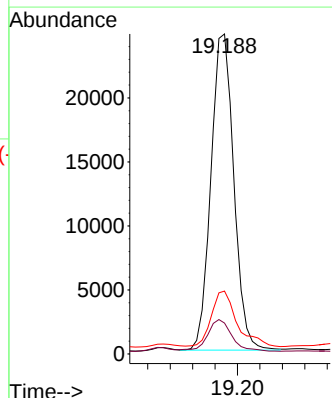
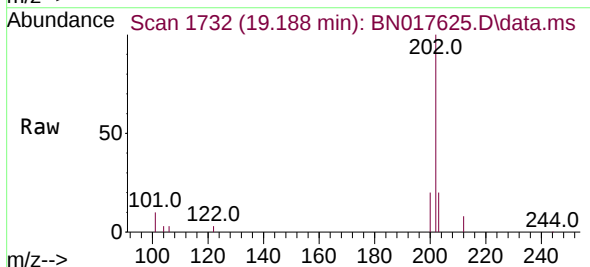
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-425-446-112321

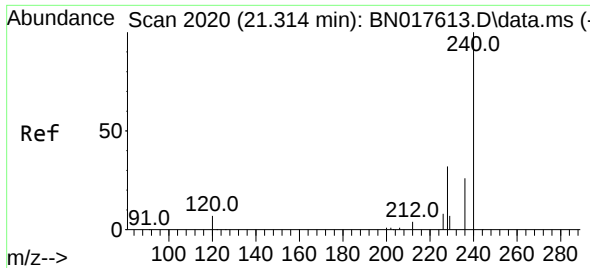
Tgt Ion:212 Resp: 156364
Ion Ratio Lower Upper
212 100
106 11.2 10.5 15.7
104 6.2 5.8 8.6



#28
Fluoranthene
Concen: 0.089 ng
RT: 19.188 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

Tgt Ion:202 Resp: 34903
Ion Ratio Lower Upper
202 100
101 10.5 8.9 13.3
203 19.8 13.8 20.6

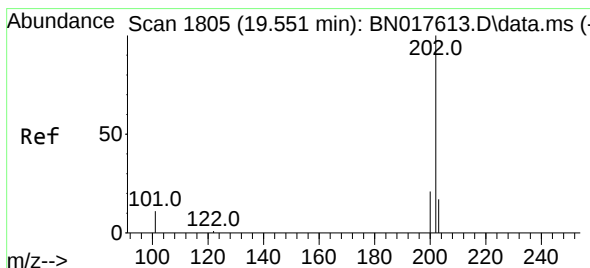
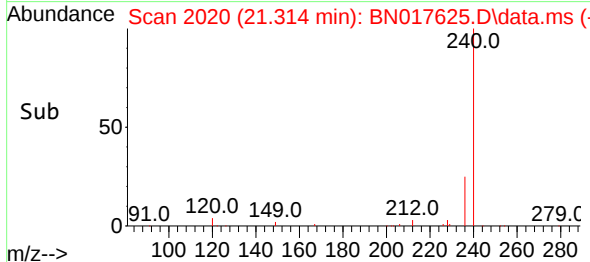
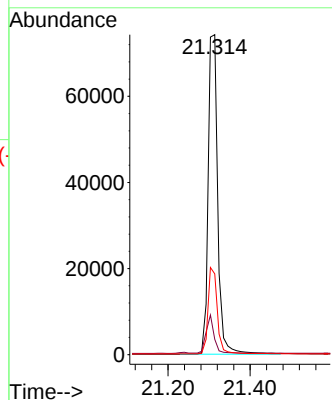
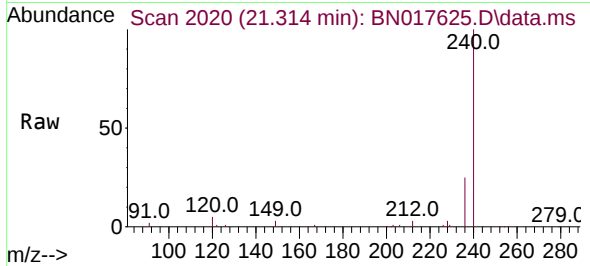




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.314 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

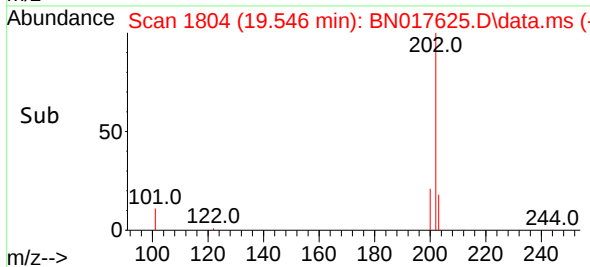
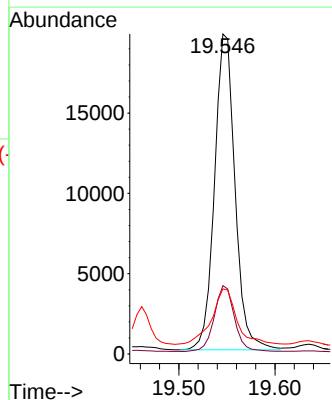
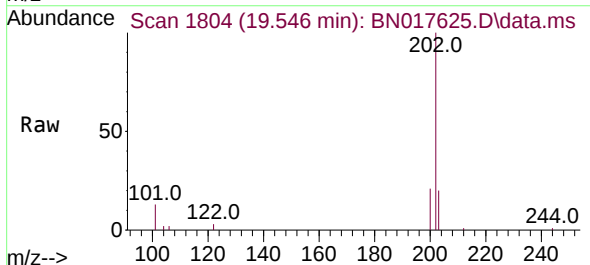
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-425-446-112321

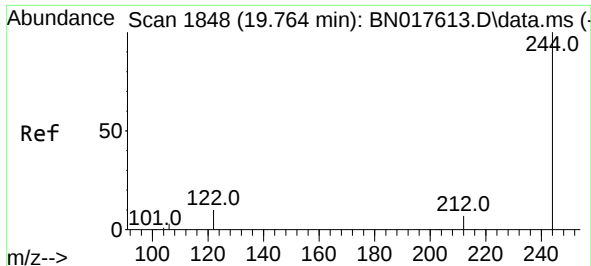
Tgt Ion:240 Resp: 120897
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 25.3 20.0 30.0



#30
Pyrene
Concen: 0.075 ng
RT: 19.546 min Scan# 1804
Delta R.T. -0.005 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

Tgt Ion:202 Resp: 29153
Ion Ratio Lower Upper
202 100
200 20.5 16.5 24.7
203 21.4 14.0 21.0#

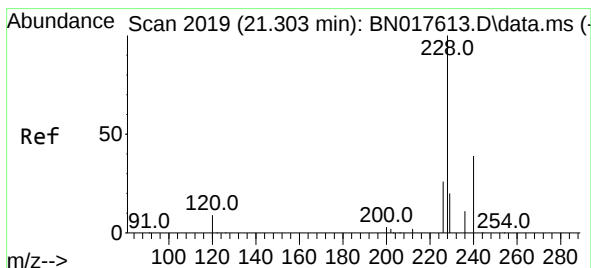
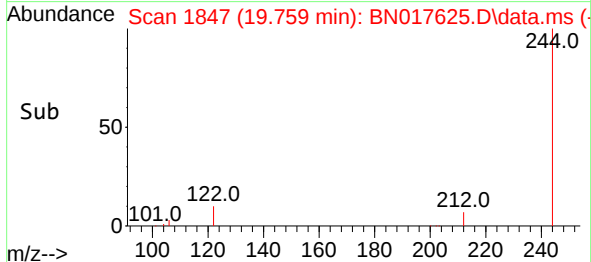
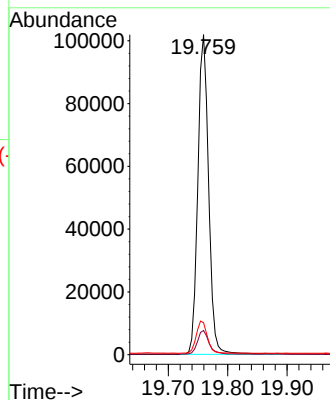
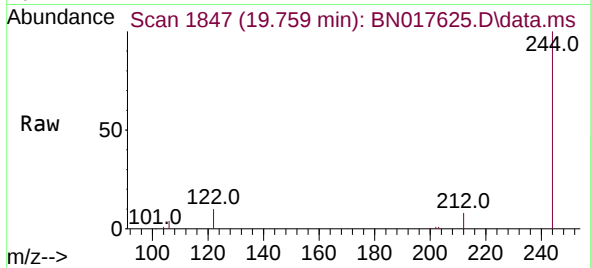




#31
 Terphenyl-d14
 Concen: 0.483 ng
 RT: 19.759 min Scan# 1847
 Delta R.T. -0.005 min
 Lab File: BN017625.D
 Acq: 30 Nov 2021 23:00

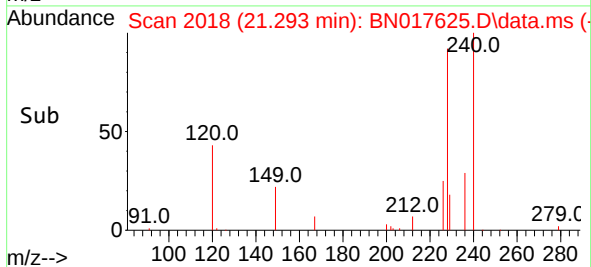
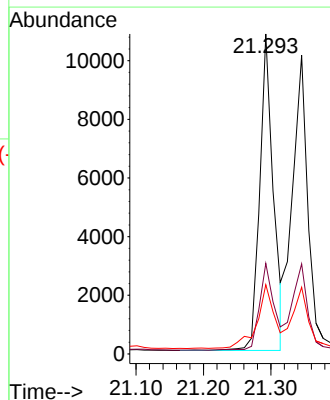
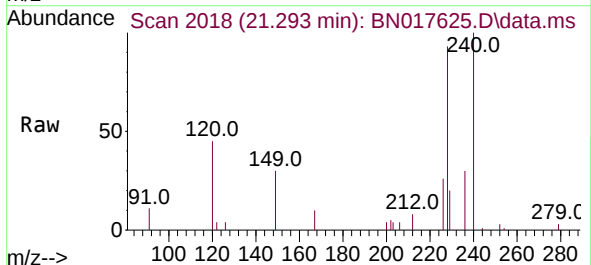
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-B-425-446-112321

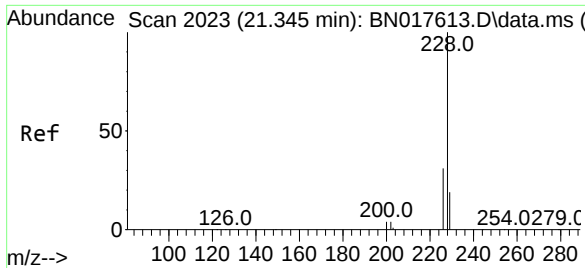
Tgt Ion:244 Resp: 128008
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 10.0 8.6 13.0



#32
 Benzo(a)anthracene
 Concen: 0.041 ng
 RT: 21.293 min Scan# 2018
 Delta R.T. -0.011 min
 Lab File: BN017625.D
 Acq: 30 Nov 2021 23:00

Tgt Ion:228 Resp: 15239
 Ion Ratio Lower Upper
 228 100
 226 28.3 21.3 31.9
 229 21.7 15.7 23.5

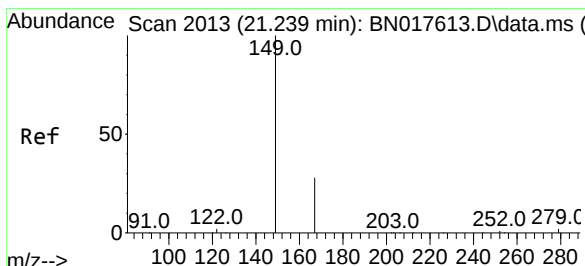
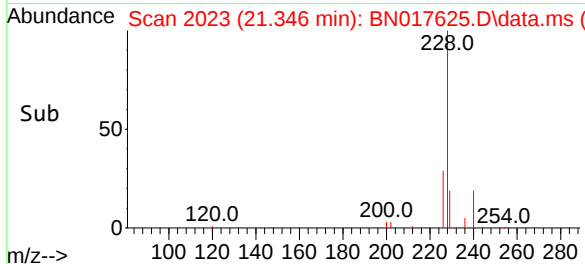
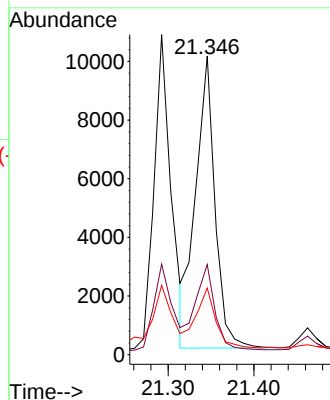
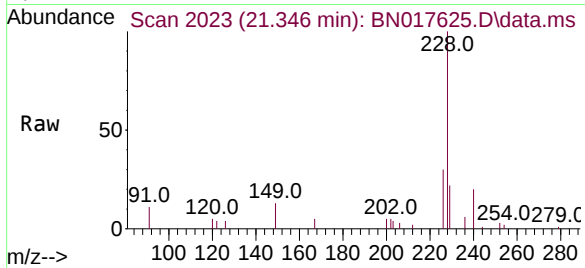




#33
Chrysene
Concen: 0.039 ng
RT: 21.346 min Scan# 2013
Delta R.T. 0.001 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

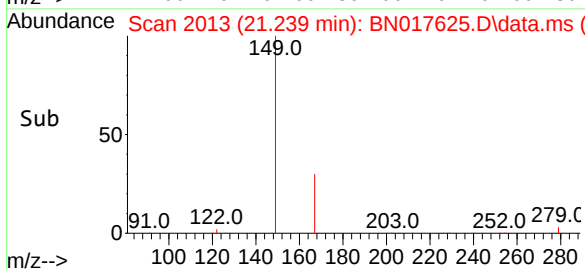
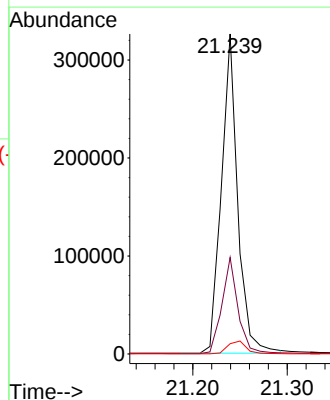
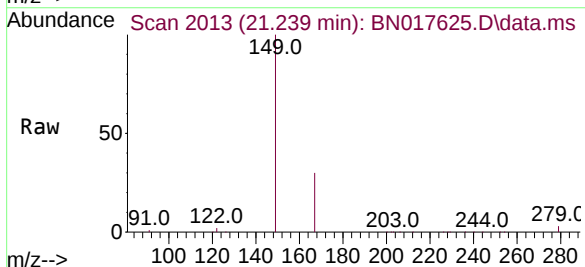
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-425-446-112321

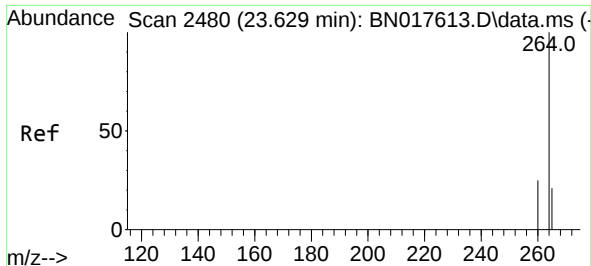
Tgt Ion:228 Resp: 15640
Ion Ratio Lower Upper
228 100
226 30.2 23.3 34.9
229 22.3 15.6 23.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 4.489 ng
RT: 21.239 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

Tgt Ion:149 Resp: 390997
Ion Ratio Lower Upper
149 100
167 29.7 21.8 32.6
279 4.6 3.4 5.0

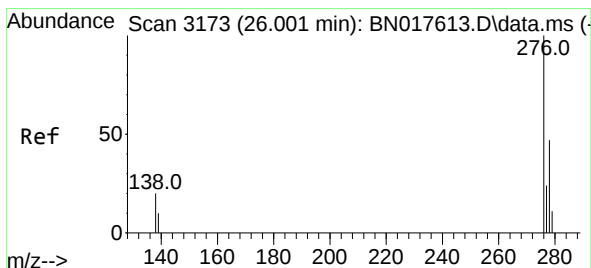
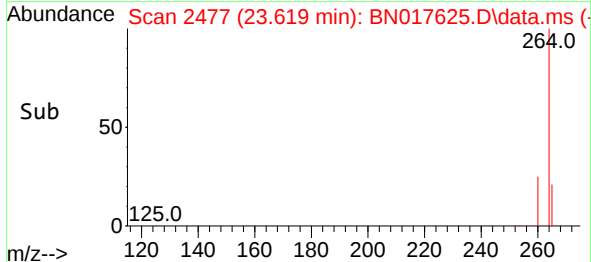
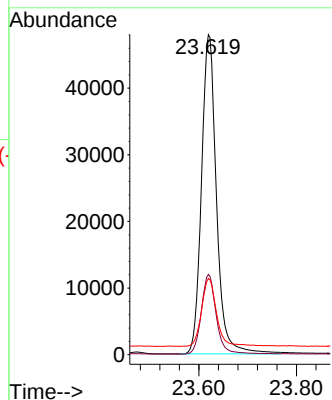
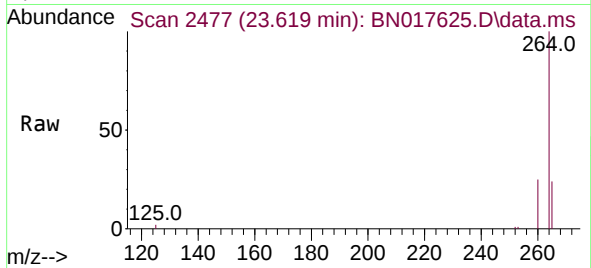




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.619 min Scan# 2480
 Delta R.T. -0.010 min
 Lab File: BN017625.D
 Acq: 30 Nov 2021 23:00

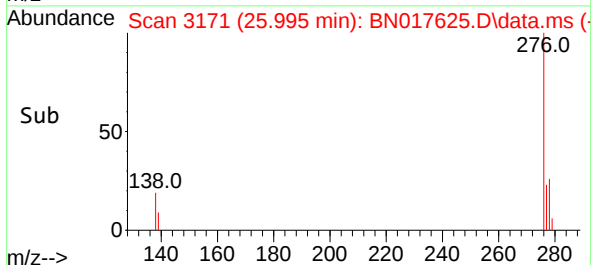
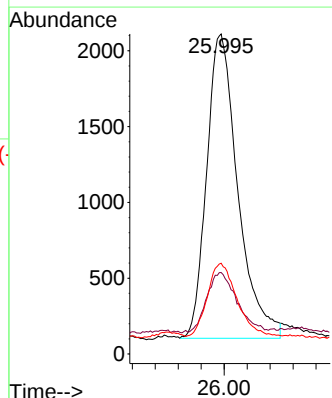
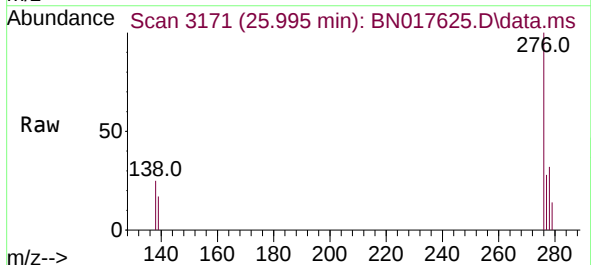
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-B-425-446-112321

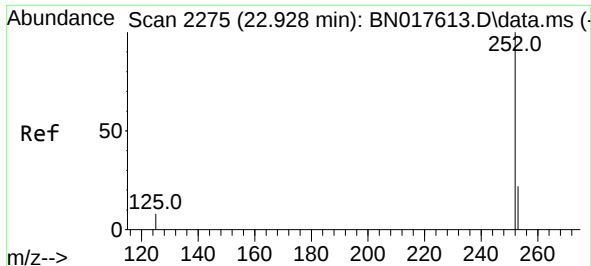
Tgt Ion:264 Resp: 102311
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.4 29.2
 265 23.8 18.6 28.0



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.023 ng
 RT: 25.995 min Scan# 3171
 Delta R.T. -0.007 min
 Lab File: BN017625.D
 Acq: 30 Nov 2021 23:00

Tgt Ion:276 Resp: 7565
 Ion Ratio Lower Upper
 276 100
 138 18.9 19.7 29.5#
 277 22.8 20.0 30.0





#37

Benzo(b)fluoranthene

Concen: 0.051 ng

RT: 22.924 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN017625.D

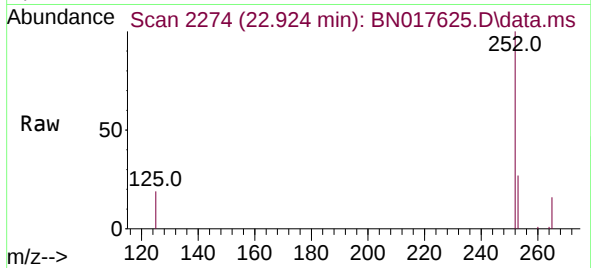
Acq: 30 Nov 2021 23:00

Instrument :

BNA_N

ClientSampleId :

GWBR3D-B-425-446-112321



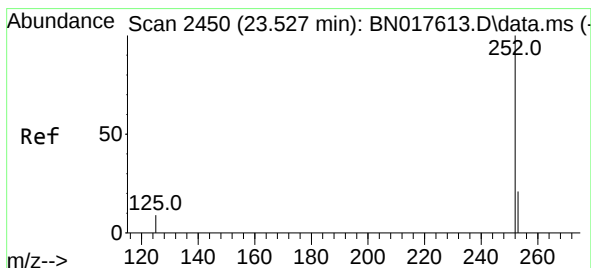
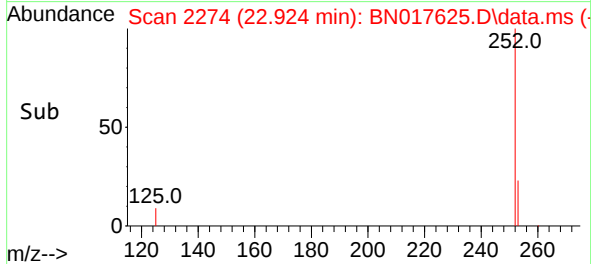
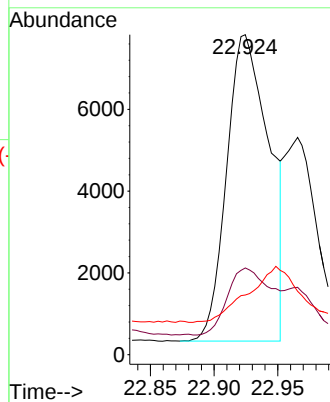
Tgt Ion:252 Resp: 17316

Ion Ratio Lower Upper

252 100

253 27.1 17.7 26.5#

125 18.7 7.8 11.8#



#39

Benzo(a)pyrene

Concen: 0.036 ng

RT: 23.517 min Scan# 2447

Delta R.T. -0.010 min

Lab File: BN017625.D

Acq: 30 Nov 2021 23:00

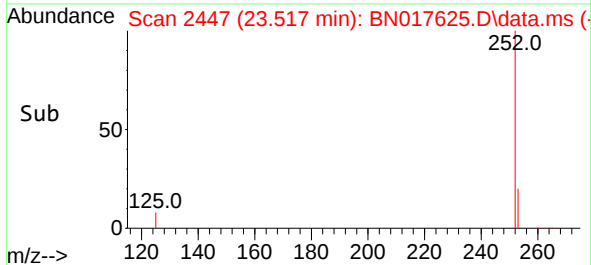
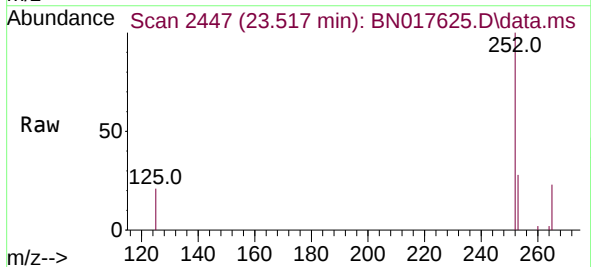
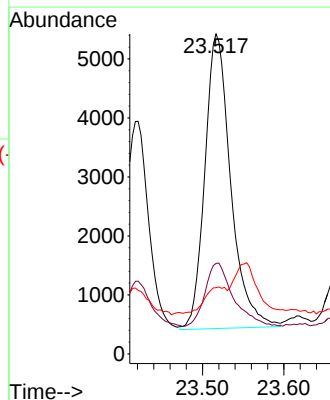
Tgt Ion:252 Resp: 11062

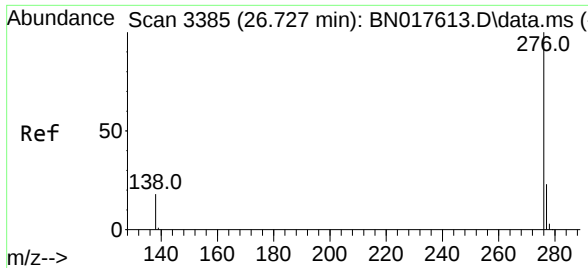
Ion Ratio Lower Upper

252 100

253 28.3 17.9 26.9#

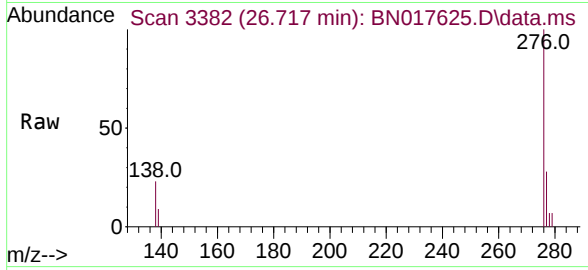
125 20.7 9.2 13.8#





#41
Benzo(g,h,i)perylene
Concen: 0.027 ng
RT: 26.717 min Scan# 31
Delta R.T. -0.010 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-425-446-112321



Tgt Ion:276 Resp: 7676
Ion Ratio Lower Upper
276 100
277 27.5 19.0 28.4
138 22.6 17.1 25.7

