

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
 Data File : BN017628.D
 Acq On : 01 Dec 2021 00:48
 Operator : CG/JU
 Sample : M4862-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-3B

Quant Time: Dec 01 03:16:16 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

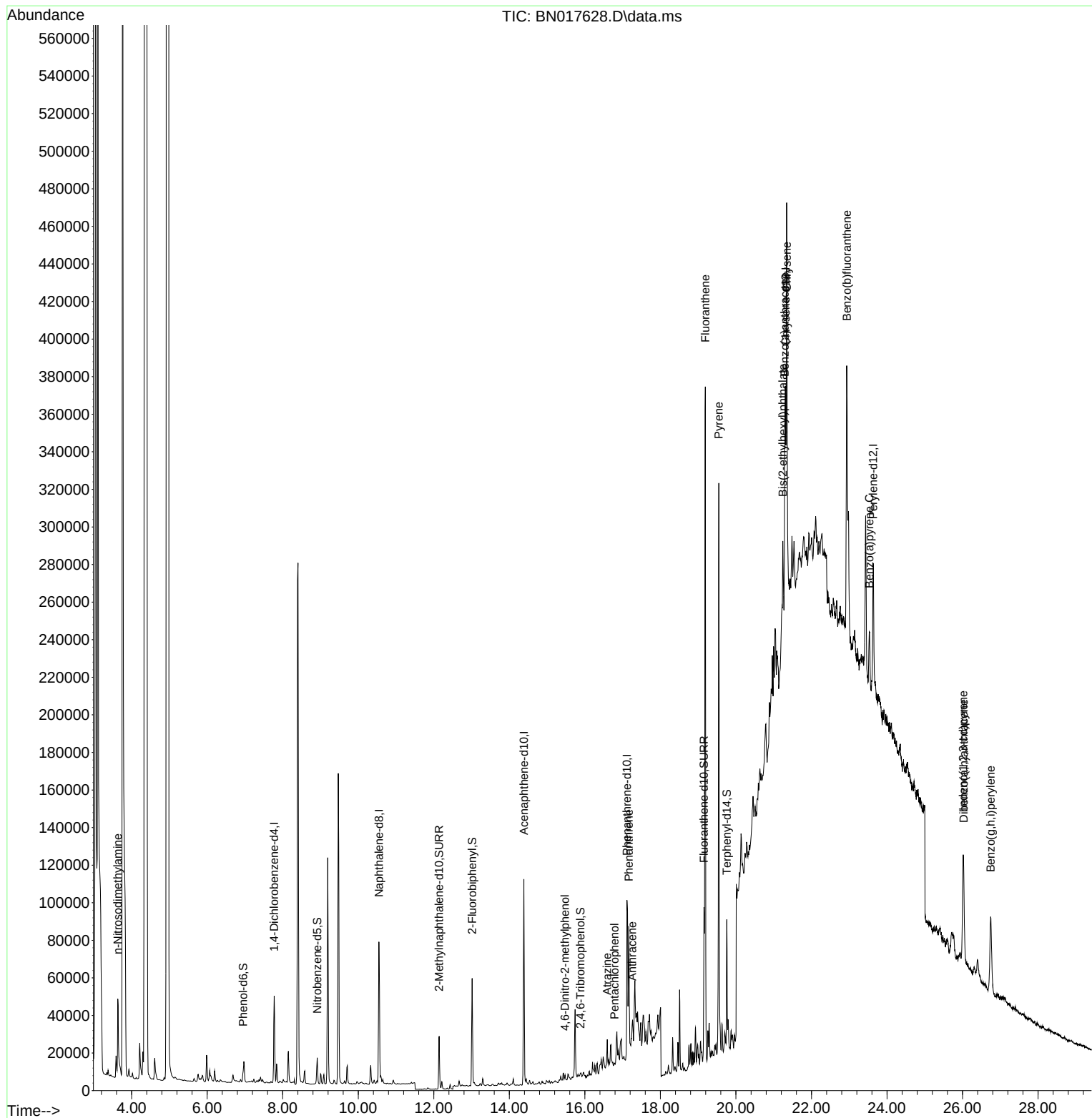
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.773	152	24717	0.400	ng	0.00
7) Naphthalene-d8	10.547	136	103014	0.400	ng	# 0.00
13) Acenaphthene-d10	14.384	164	64126	0.400	ng	0.00
19) Phenanthrene-d10	17.116	188	130220	0.400	ng	#-0.01
29) Chrysene-d12	21.314	240	96157	0.400	ng	# 0.00
35) Perylene-d12	23.636	264	94987	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.394	112	352	0.006	ng	0.03
5) Phenol-d6	6.952	99	4689	0.079	ng	0.00
8) Nitrobenzene-d5	8.912	82	12077	0.276	ng	0.00
11) 2-Methylnaphthalene-d10	12.142	152	41192	0.229	ng	0.00
14) 2,4,6-Tribromophenol	15.881	330	55	0.126	ng	0.00
15) 2-Fluorobiphenyl	13.014	172	52315	0.210	ng	0.00
27) Fluoranthene-d10	19.154	212	94383	0.232	ng	0.00
31) Terphenyl-d14	19.759	244	64656	0.307	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.633	42	13014	0.561	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.475	198	35	0.062	ng	# 1
23) Atrazine	16.593	200	133	0.133	ng	# 1
24) Pentachlorophenol	16.788	266	130	0.195	ng	# 1
25) Phenanthrene	17.165	178	75750	0.212	ng	# 89
26) Anthracene	17.250	178	15214	0.050	ng	# 81
28) Fluoranthene	19.188	202	334176	0.827	ng	95
30) Pyrene	19.546	202	285812	0.921	ng	# 94
32) Benzo(a)anthracene	21.292	228	99260	0.340	ng	# 83
33) Chrysene	21.346	228	198317	0.624	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.239	149	58935	0.851	ng	# 56
36) Indeno(1,2,3-cd)pyrene	26.019	276	106798	0.346	ng	# 92
37) Benzo(b)fluoranthene	22.935	252	251955	0.800	ng	# 1
39) Benzo(a)pyrene	23.534	252	37631	0.133	ng	# 1
40) Dibenzo(a,h)anthracene	26.029	278	21594	0.086	ng	# 1
41) Benzo(g,h,i)perylene	26.744	276	91495	0.353	ng	# 58

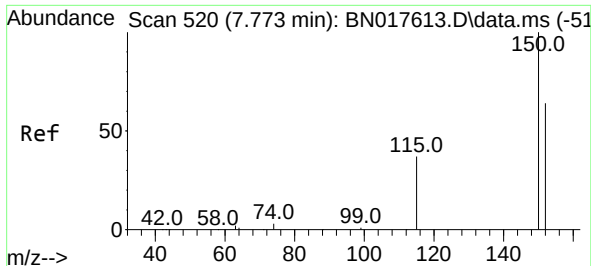
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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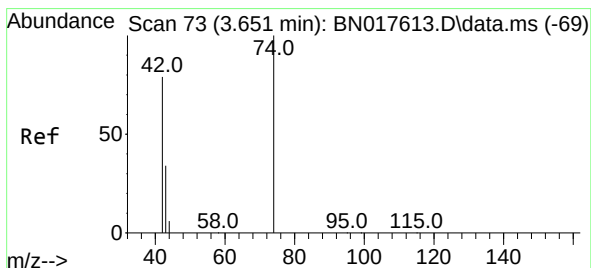
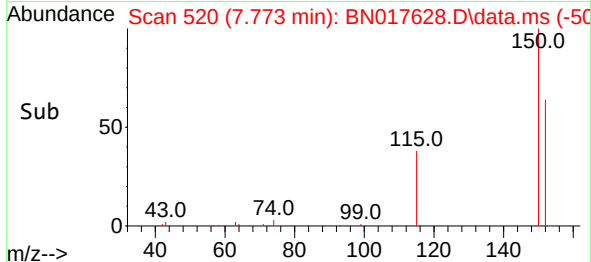
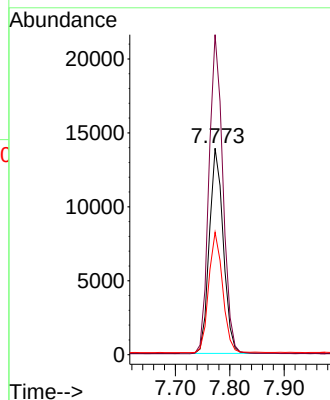
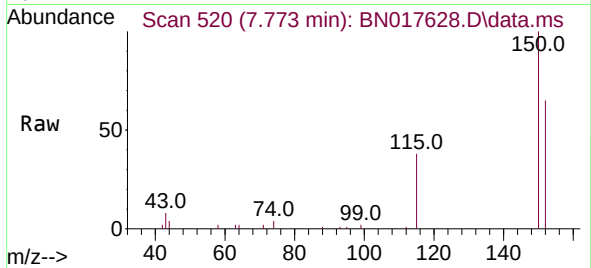




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.773 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

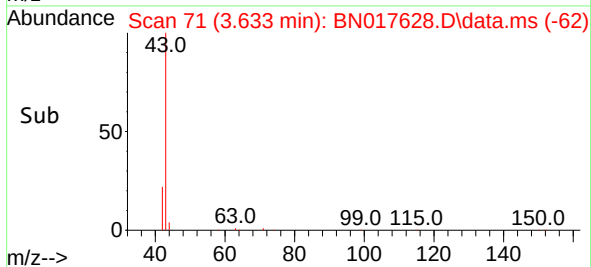
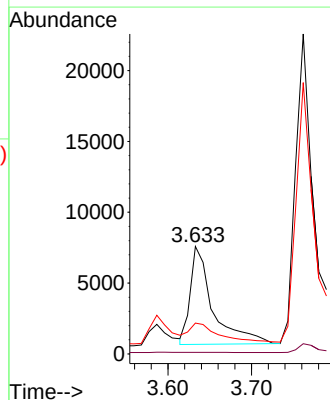
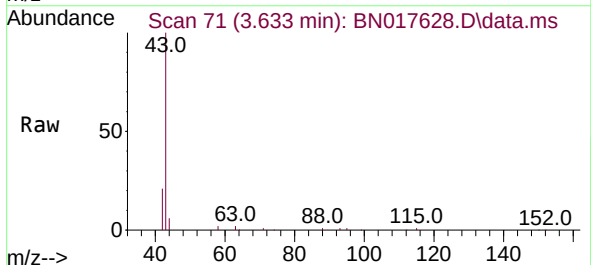
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CS-3B

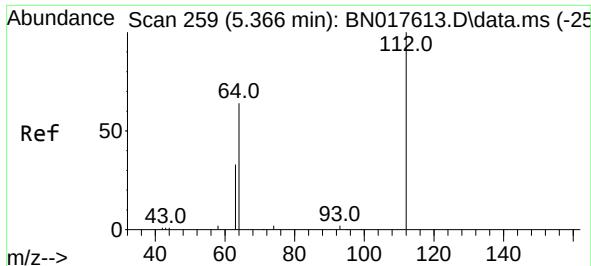
Tgt Ion:152 Resp: 24717
Ion Ratio Lower Upper
152 100
150 155.0 123.0 184.4
115 59.3 45.6 68.4



#3
n-Nitrosodimethylamine
Concen: 0.561 ng
RT: 3.633 min Scan# 71
Delta R.T. -0.018 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

Tgt Ion: 42 Resp: 13014
Ion Ratio Lower Upper
42 100
74 0.3 97.8 146.6#
44 25.5 5.5 8.3#

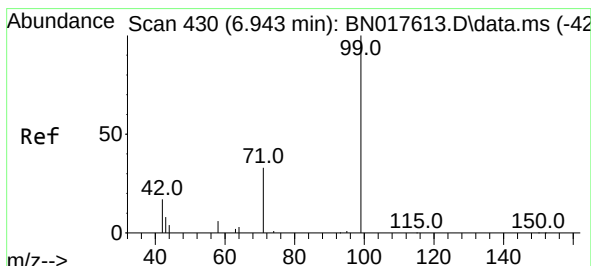
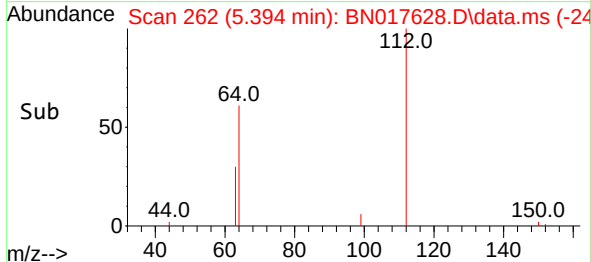
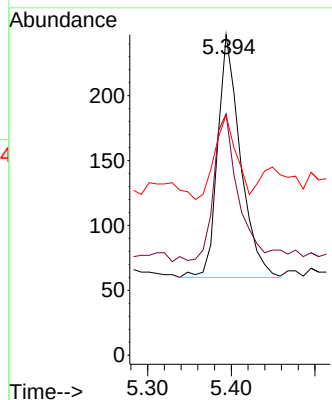
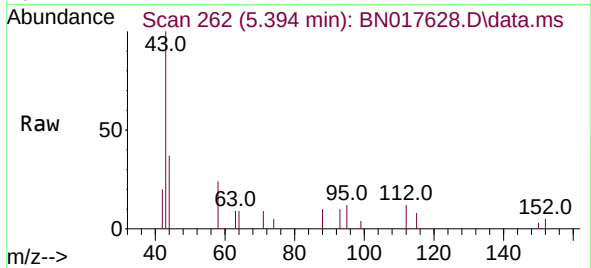




#4
2-Fluorophenol
Concen: 0.006 ng
RT: 5.394 min Scan# 21
Delta R.T. 0.028 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

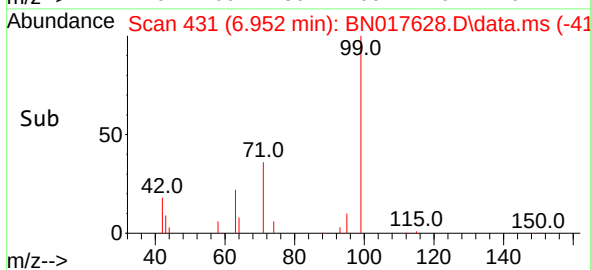
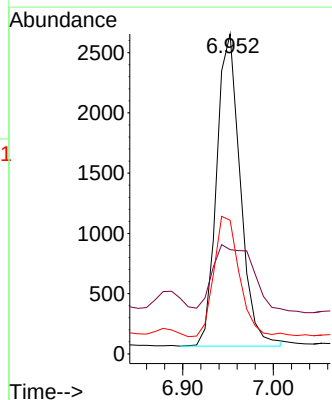
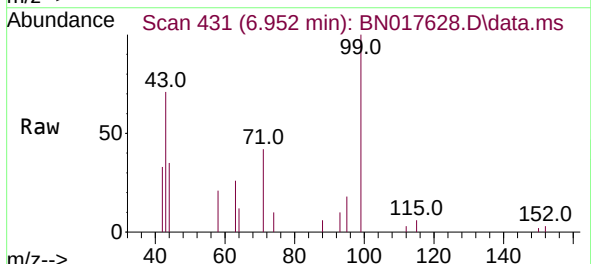
Instrument :
BNA_N
ClientSampleId :
CS-3B

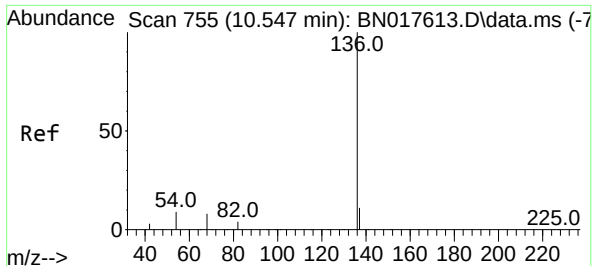
Tgt Ion:112 Resp: 352
Ion Ratio Lower Upper
112 100
64 66.8 47.6 71.4
63 32.7 24.6 37.0



#5
Phenol-d6
Concen: 0.079 ng
RT: 6.952 min Scan# 431
Delta R.T. 0.009 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

Tgt Ion: 99 Resp: 4689
Ion Ratio Lower Upper
99 100
42 33.3 17.0 25.6#
71 41.4 24.8 37.2#

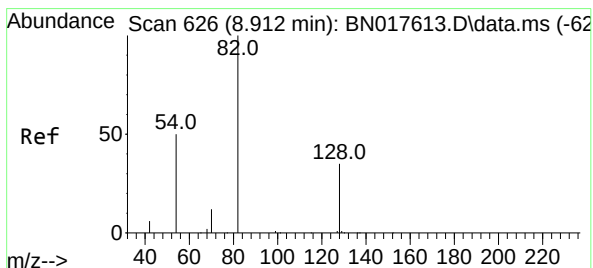
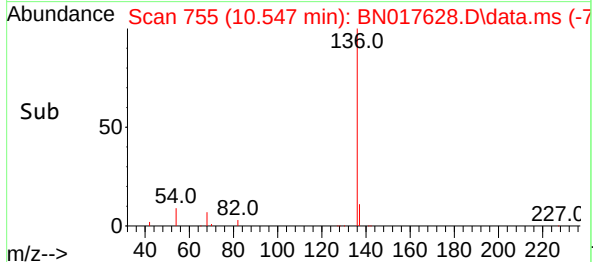
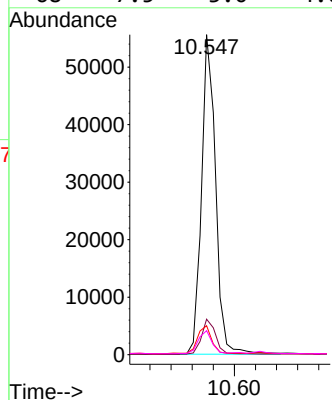
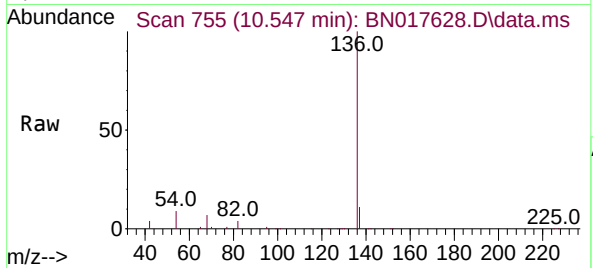




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.547 min Scan# 755
Delta R.T. 0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

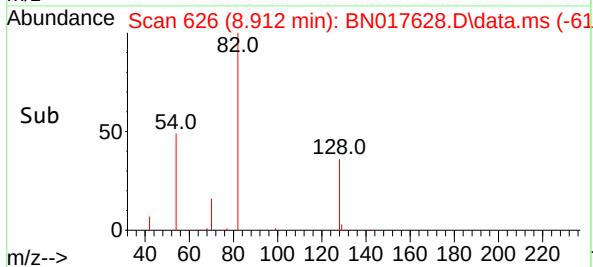
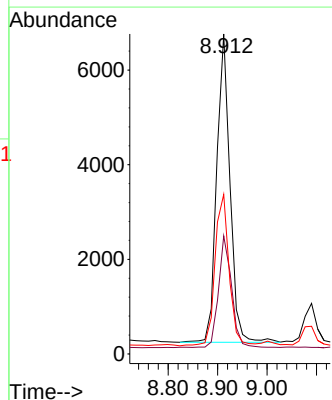
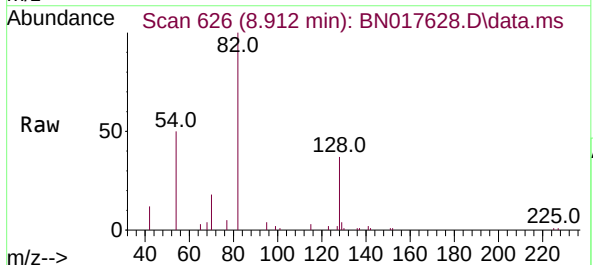
Instrument :
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ClientSampleId :
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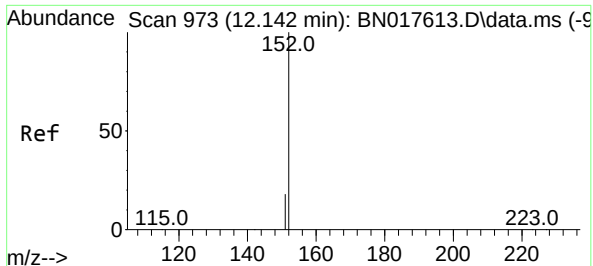
Tgt Ion:136 Resp: 103014
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.1 4.0 6.0#
68 7.5 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.276 ng
RT: 8.912 min Scan# 626
Delta R.T. 0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

Tgt Ion: 82 Resp: 12077
Ion Ratio Lower Upper
82 100
128 36.9 27.7 41.5
54 49.8 49.2 73.8





#11

2-Methylnaphthalene-d10

Concen: 0.229 ng

RT: 12.142 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017628.D

Acq: 01 Dec 2021 00:48

Instrument :

BNA_N

ClientSampleId :

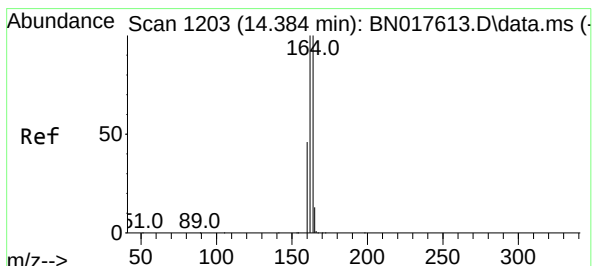
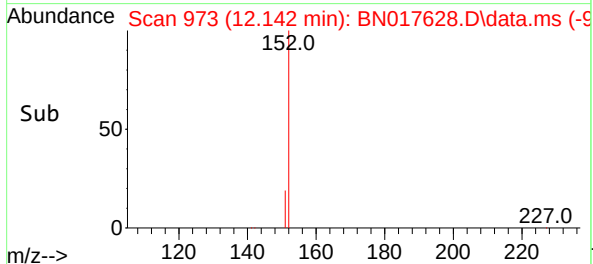
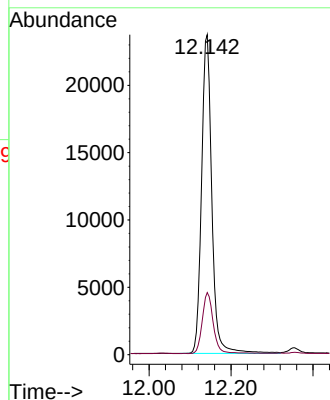
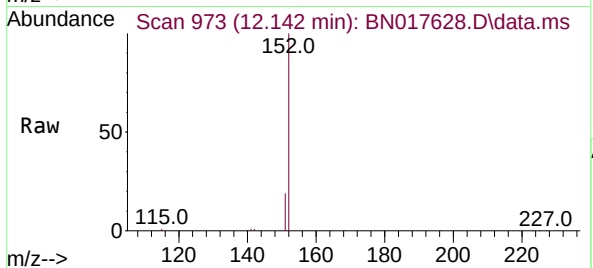
CS-3B

Tgt Ion:152 Resp: 41192

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# 1203

Delta R.T. 0.000 min

Lab File: BN017628.D

Acq: 01 Dec 2021 00:48

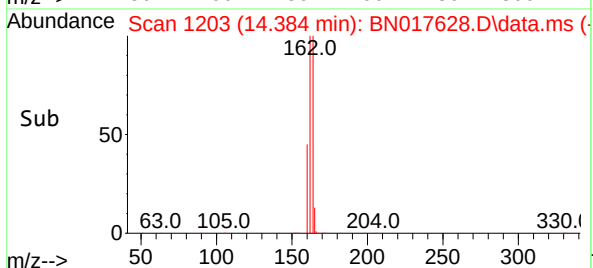
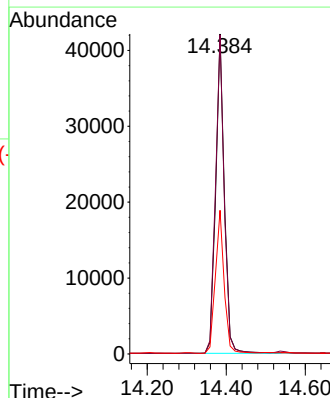
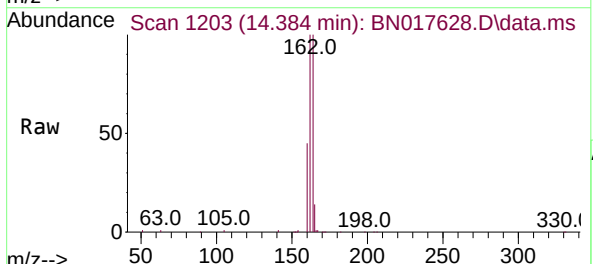
Tgt Ion:164 Resp: 64126

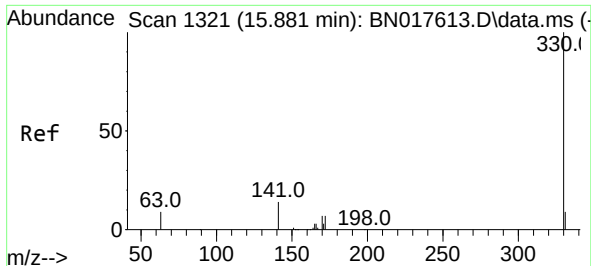
Ion Ratio Lower Upper

164 100

162 99.7 81.4 122.2

160 44.9 36.8 55.2

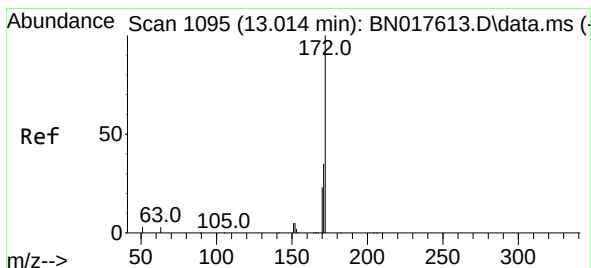
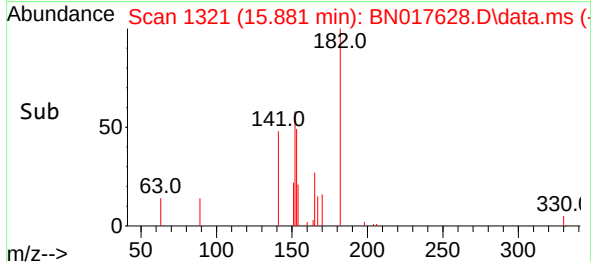
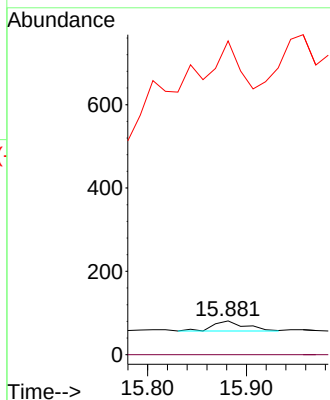
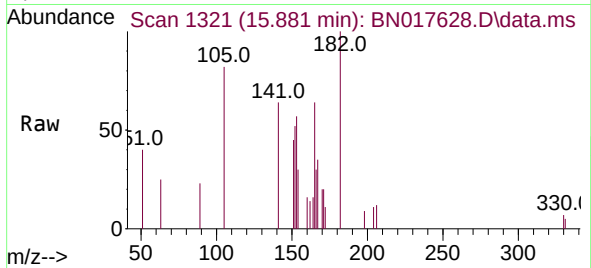




#14
 2,4,6-Tribromophenol
 Concen: 0.126 ng
 RT: 15.881 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017628.D
 Acq: 01 Dec 2021 00:48

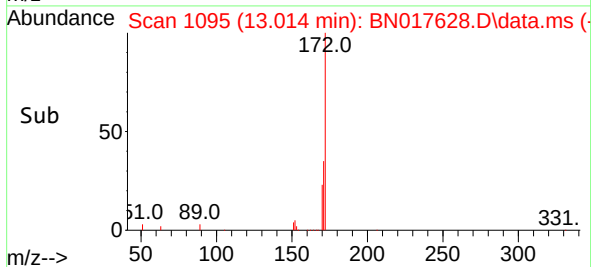
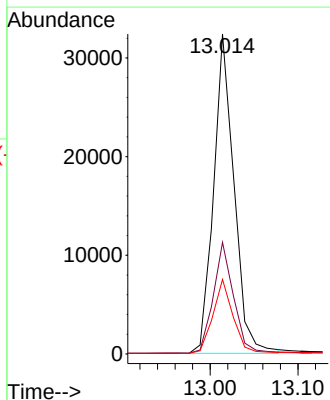
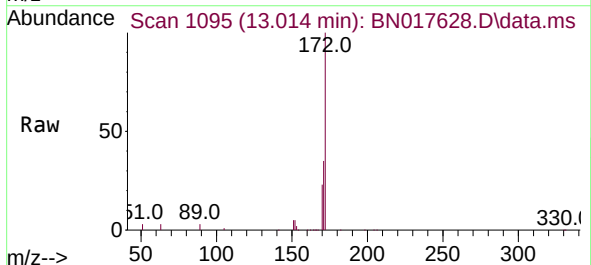
Instrument :
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 ClientSampleId :
 CS-3B

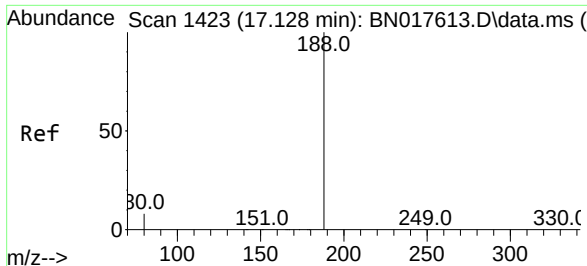
Tgt Ion:330 Resp: 55
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 443.6 28.9 43.3#



#15
 2-Fluorobiphenyl
 Concen: 0.210 ng
 RT: 13.014 min Scan# 1095
 Delta R.T. -0.000 min
 Lab File: BN017628.D
 Acq: 01 Dec 2021 00:48

Tgt Ion:172 Resp: 52315
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.7 43.1
 170 23.3 19.4 29.2

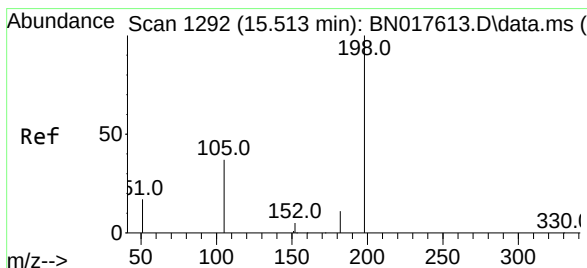
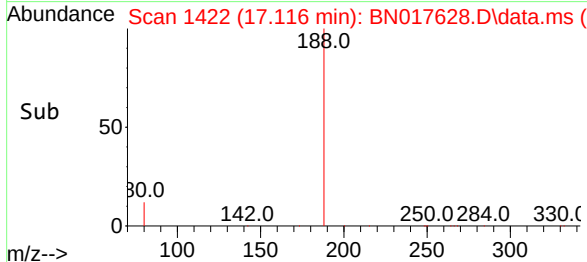
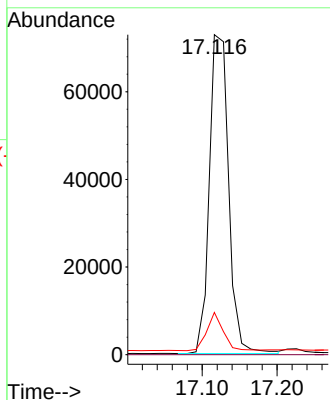
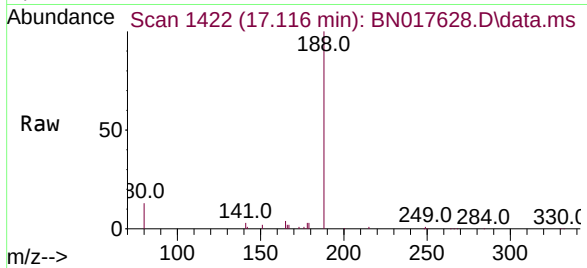




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

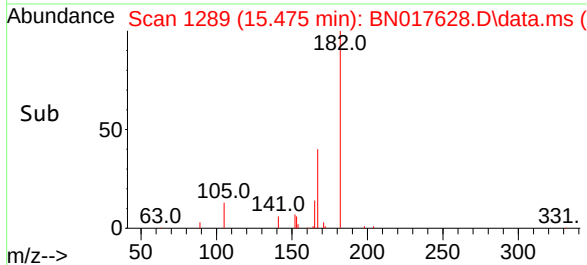
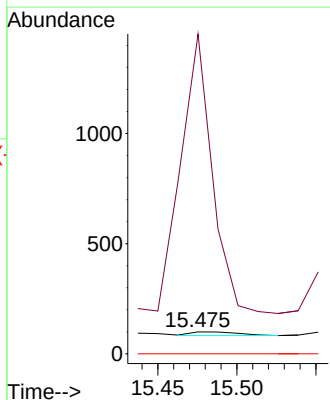
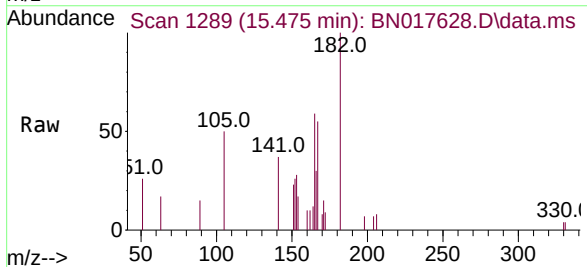
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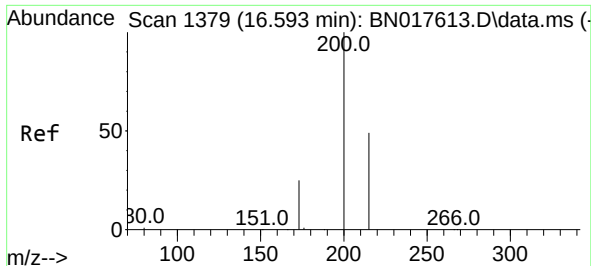
Tgt Ion:188 Resp: 130220
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 6.1 9.1#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.062 ng
RT: 15.475 min Scan# 1289
Delta R.T. -0.038 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

Tgt Ion:198 Resp: 35
Ion Ratio Lower Upper
198 100
182 1452.0 11.4 17.2#
77 0.0 0.0 0.0

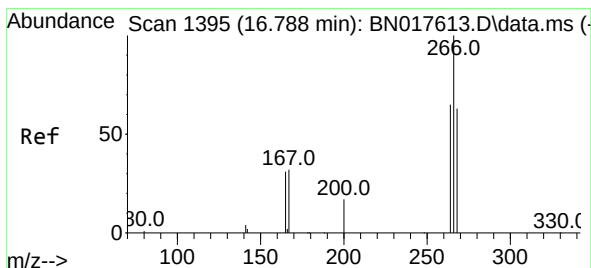
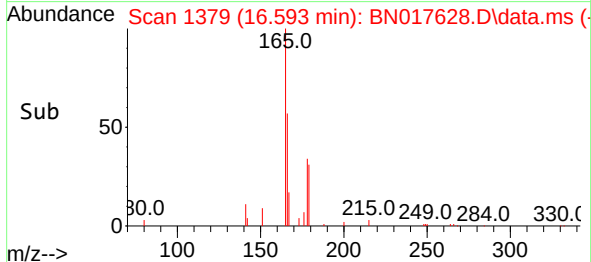
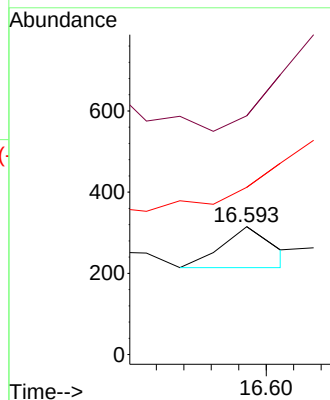
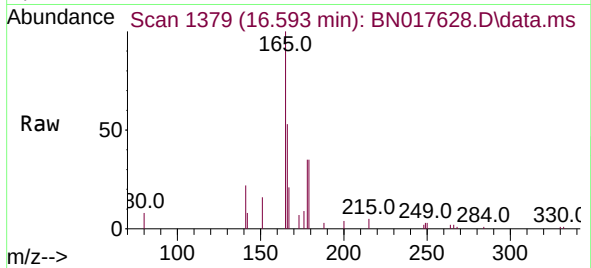




#23
Atrazine
Concen: 0.133 ng
RT: 16.593 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

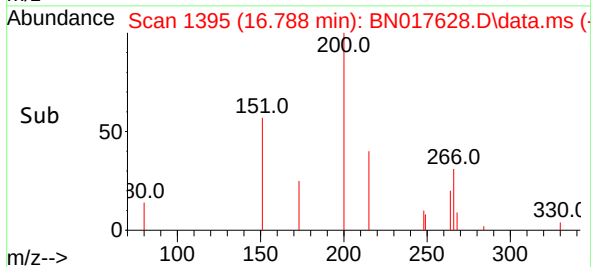
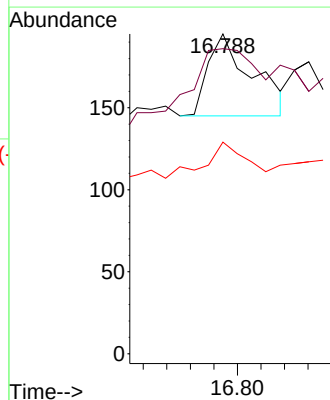
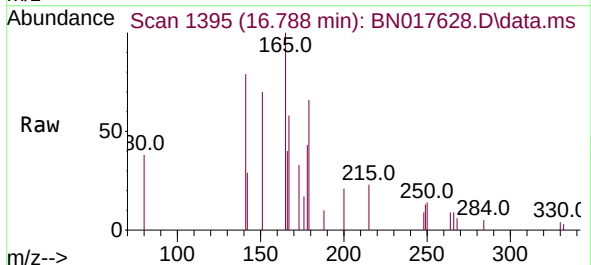
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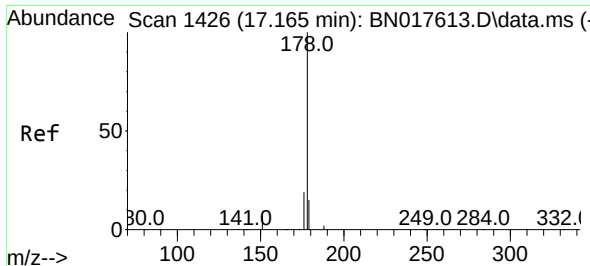
Tgt Ion:200 Resp: 133
Ion Ratio Lower Upper
200 100
173 186.7 17.6 26.4#
215 130.8 40.2 60.4#



#24
Pentachlorophenol
Concen: 0.195 ng
RT: 16.788 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

Tgt Ion:266 Resp: 130
Ion Ratio Lower Upper
266 100
264 226.2 49.8 74.8#
268 38.5 51.3 76.9#

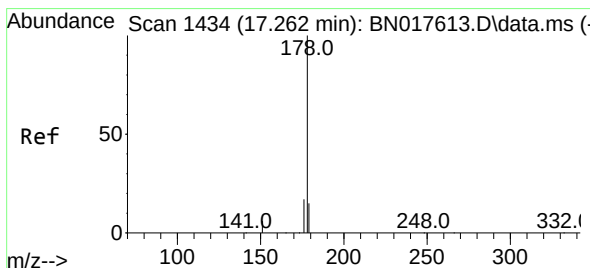
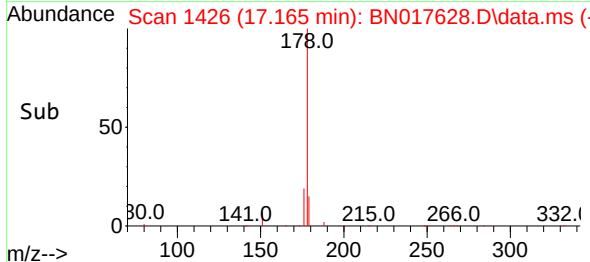
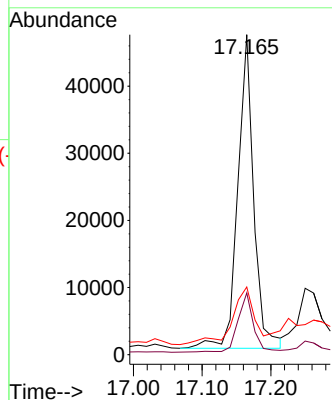
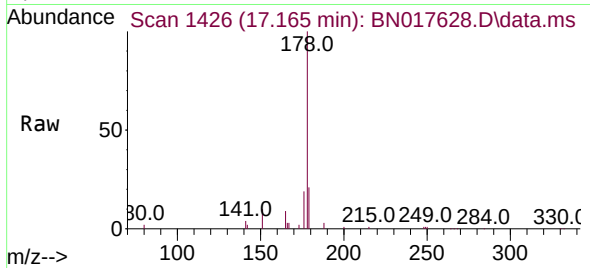




#25
Phenanthrene
Concen: 0.212 ng
RT: 17.165 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

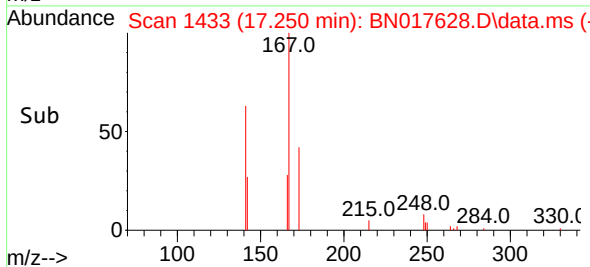
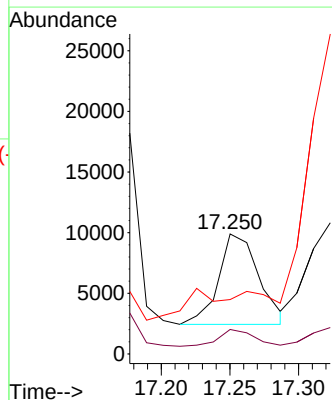
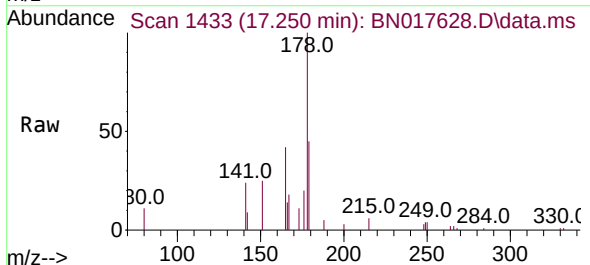
Instrument :
BNA_N
ClientSampleId :
CS-3B

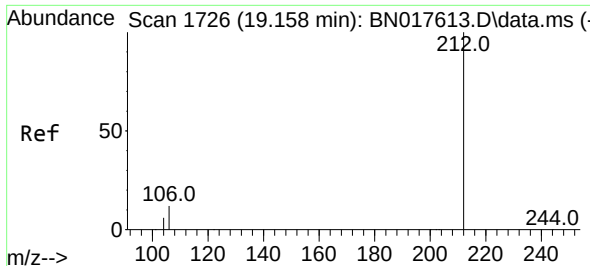
Tgt Ion:178 Resp: 75750
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 25.2 12.3 18.5#



#26
Anthracene
Concen: 0.050 ng
RT: 17.250 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

Tgt Ion:178 Resp: 15214
Ion Ratio Lower Upper
178 100
176 16.4 14.6 22.0
179 0.0 12.2 18.4#

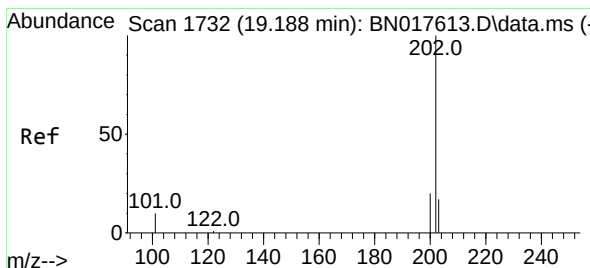
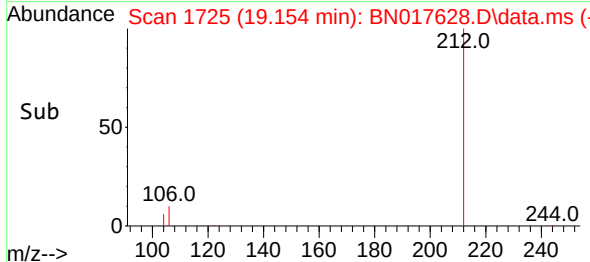
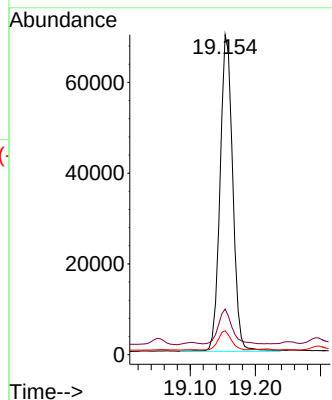
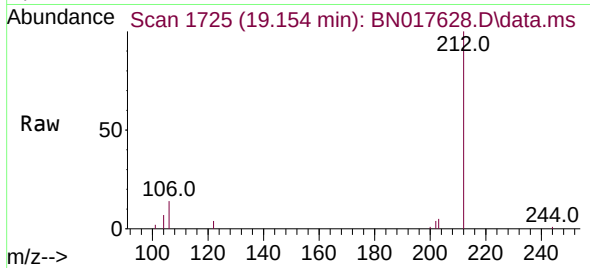




#27
Fluoranthene-d10
Concen: 0.232 ng
RT: 19.154 min Scan# 1725
Delta R.T. -0.004 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

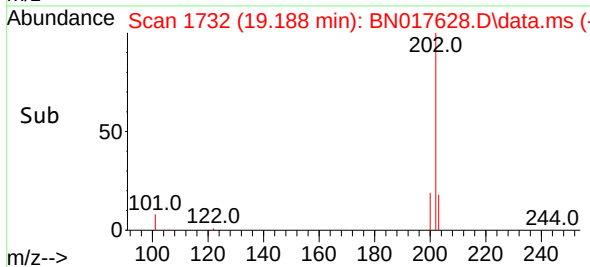
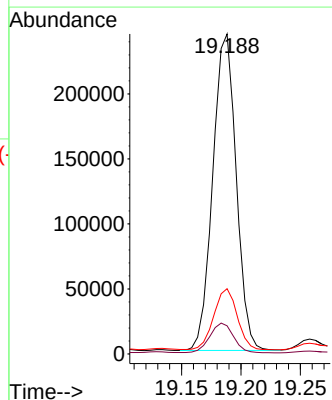
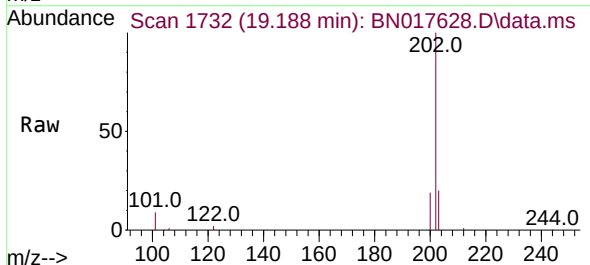
Instrument :
BNA_N
ClientSampleId :
CS-3B

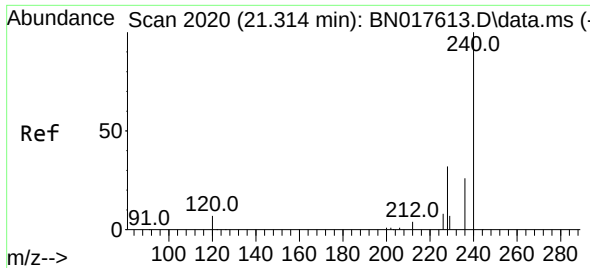
Tgt Ion:212 Resp: 94383
Ion Ratio Lower Upper
212 100
106 11.8 10.5 15.7
104 6.1 5.8 8.6



#28
Fluoranthene
Concen: 0.827 ng
RT: 19.188 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

Tgt Ion:202 Resp: 334176
Ion Ratio Lower Upper
202 100
101 9.5 8.9 13.3
203 19.3 13.8 20.6

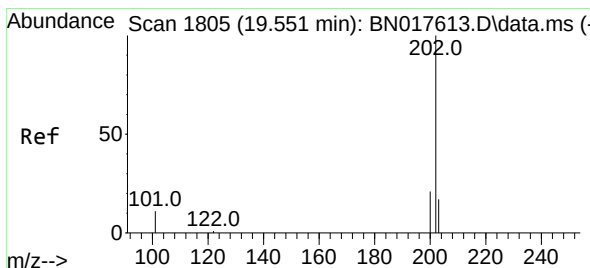
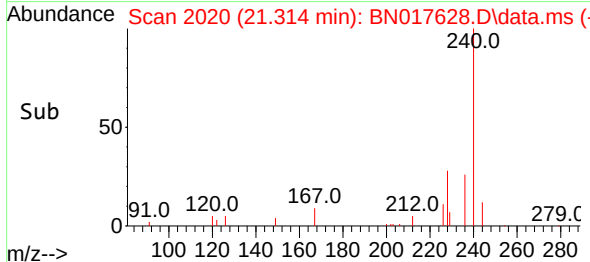
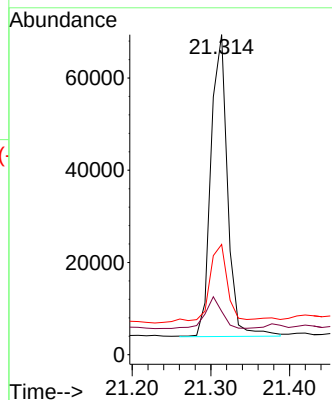
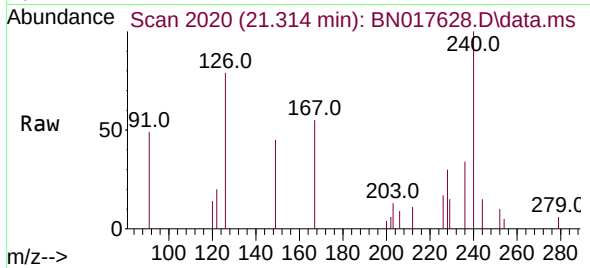




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.314 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

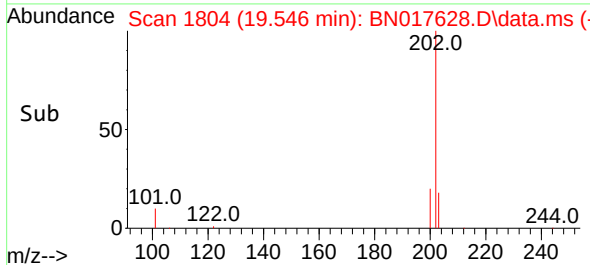
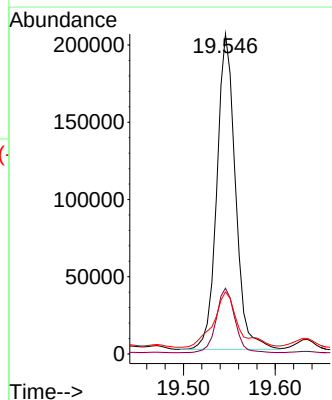
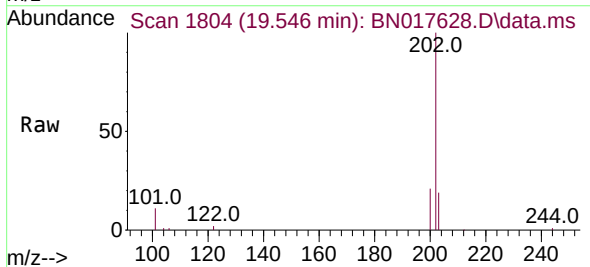
Instrument :
BNA_N
ClientSampleId :
CS-3B

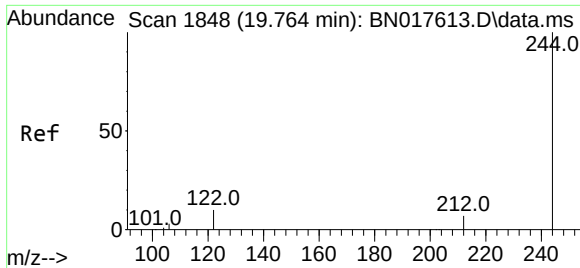
Tgt Ion:240 Resp: 96157
Ion Ratio Lower Upper
240 100
120 13.6 4.2 6.2#
236 34.4 20.0 30.0#



#30
Pyrene
Concen: 0.921 ng
RT: 19.546 min Scan# 1804
Delta R.T. -0.005 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

Tgt Ion:202 Resp: 285812
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 23.3 14.0 21.0#

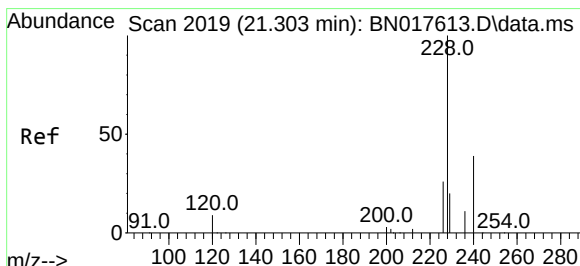
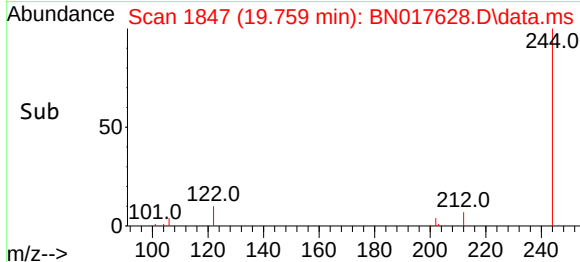
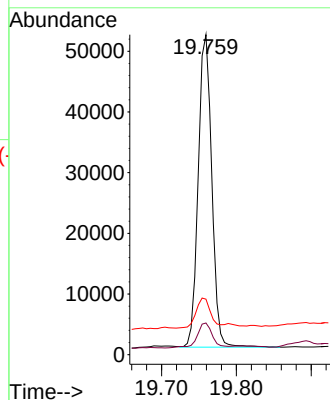
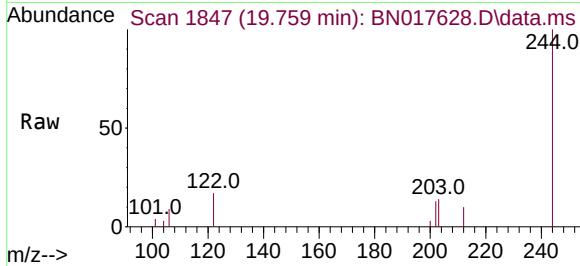




#31
 Terphenyl-d14
 Concen: 0.307 ng
 RT: 19.759 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: BN017628.D
 Acq: 01 Dec 2021 00:48

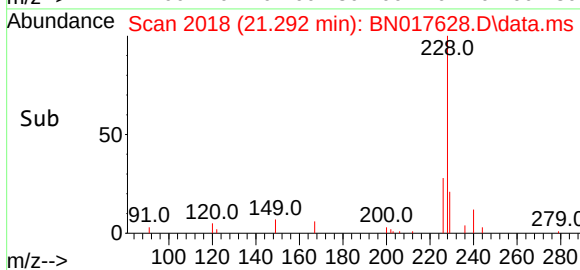
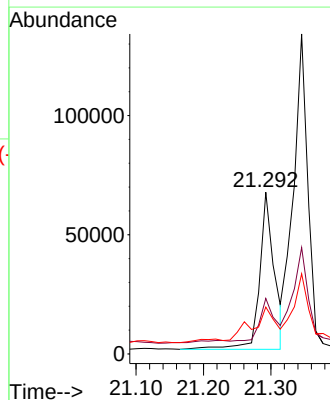
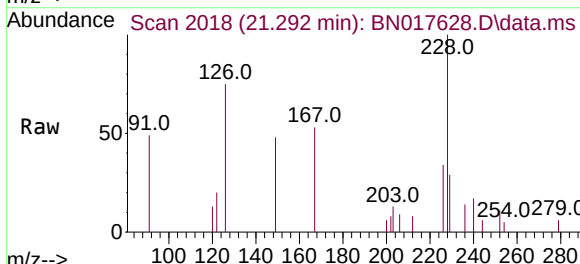
Instrument :
 BNA_N
 ClientSampleId :
 CS-3B

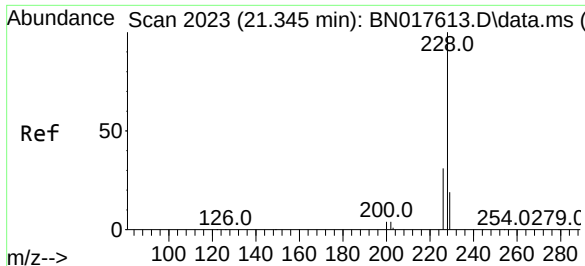
Tgt Ion:244 Resp: 64656
 Ion Ratio Lower Upper
 244 100
 212 9.9 5.7 8.5#
 122 17.3 8.6 13.0#



#32
 Benzo(a)anthracene
 Concen: 0.340 ng
 RT: 21.292 min Scan# 2018
 Delta R.T. -0.011 min
 Lab File: BN017628.D
 Acq: 01 Dec 2021 00:48

Tgt Ion:228 Resp: 99260
 Ion Ratio Lower Upper
 228 100
 226 34.3 21.3 31.9#
 229 28.9 15.7 23.5#

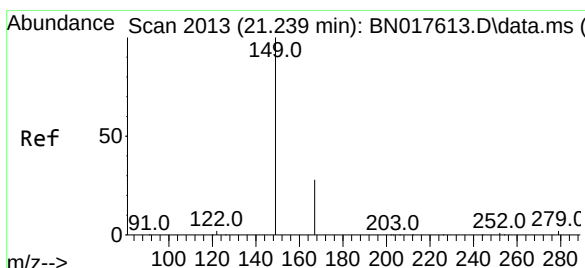
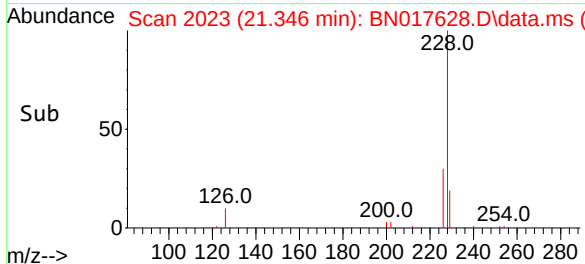
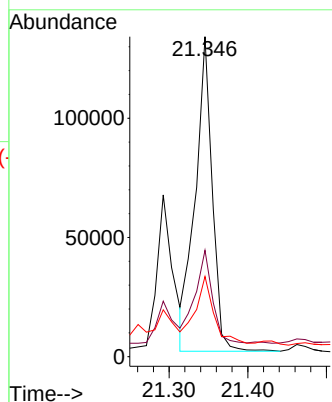
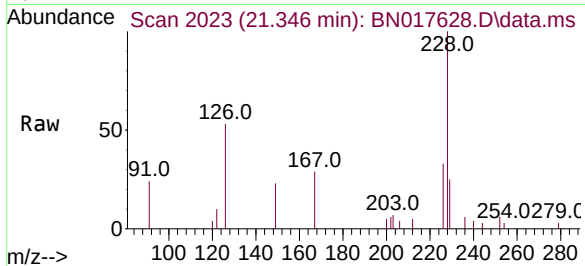




#33
Chrysene
Concen: 0.624 ng
RT: 21.346 min Scan# 2023
Delta R.T. 0.001 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

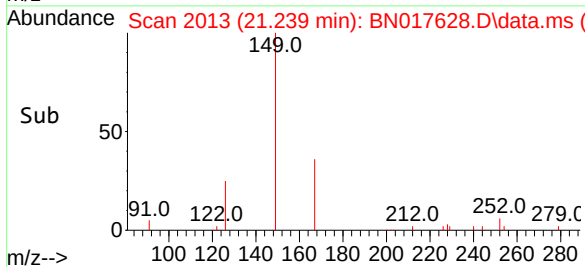
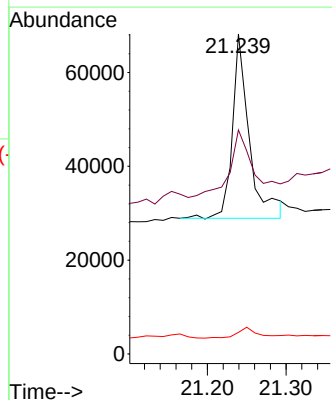
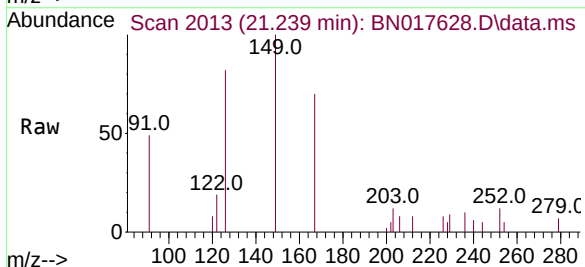
Instrument :
BNA_N
ClientSampleId :
CS-3B

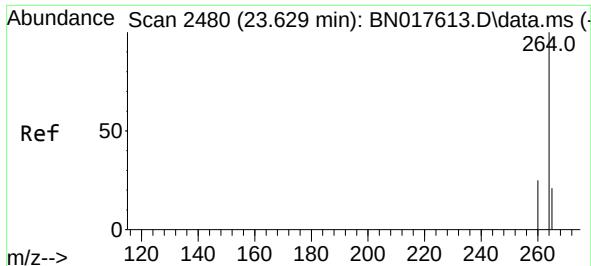
Tgt Ion:228 Resp: 198317
Ion Ratio Lower Upper
228 100
226 33.3 23.3 34.9
229 25.0 15.6 23.4#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.851 ng
RT: 21.239 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

Tgt Ion:149 Resp: 58935
Ion Ratio Lower Upper
149 100
167 53.1 21.8 32.6#
279 6.7 3.4 5.0#

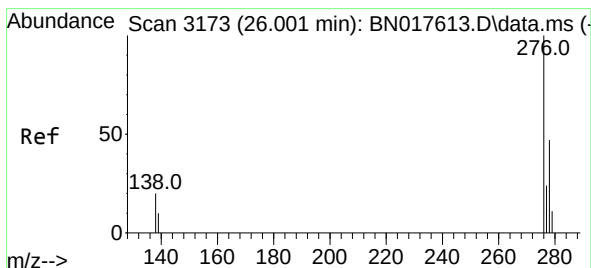
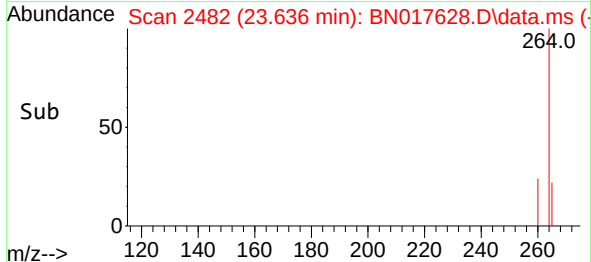
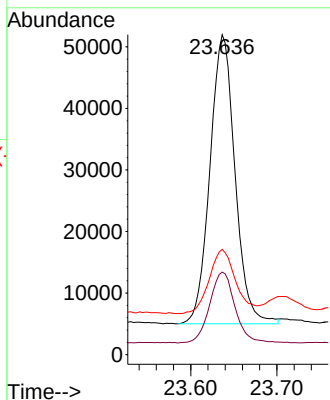
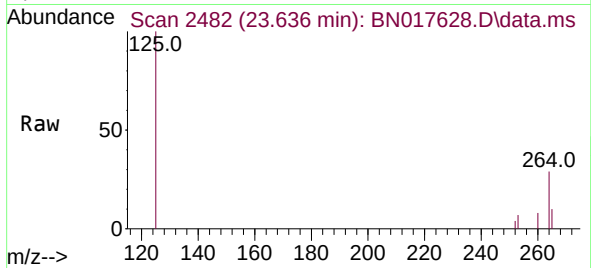




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.636 min Scan# 24
Delta R.T. 0.007 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

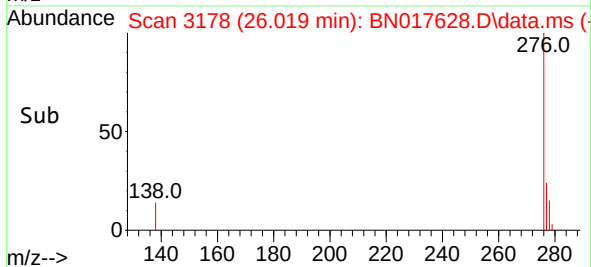
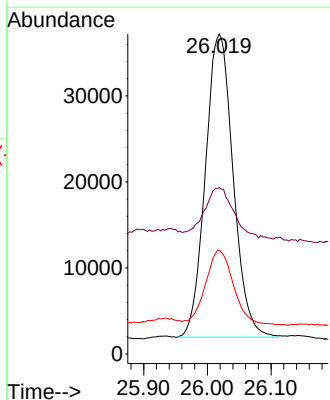
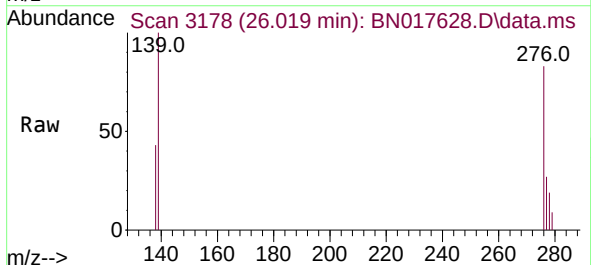
Instrument :
BNA_N
ClientSampleId :
CS-3B

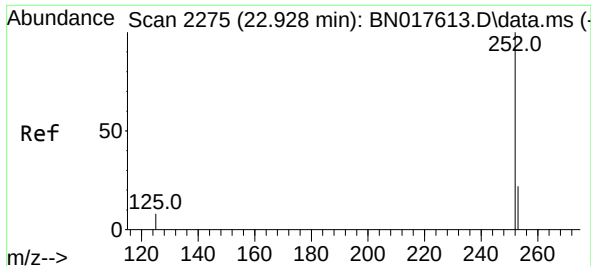
Tgt Ion:264 Resp: 94987
Ion Ratio Lower Upper
264 100
260 25.8 19.4 29.2
265 32.9 18.6 28.0#



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.346 ng
RT: 26.019 min Scan# 3178
Delta R.T. 0.017 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

Tgt Ion:276 Resp: 106798
Ion Ratio Lower Upper
276 100
138 17.3 19.7 29.5#
277 24.6 20.0 30.0





#37

Benzo(b)fluoranthene

Concen: 0.800 ng

RT: 22.935 min Scan# 21

Delta R.T. 0.007 min

Lab File: BN017628.D

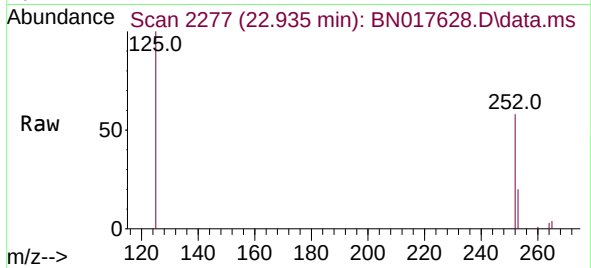
Acq: 01 Dec 2021 00:48

Instrument :

BNA_N

ClientSampleId :

CS-3B



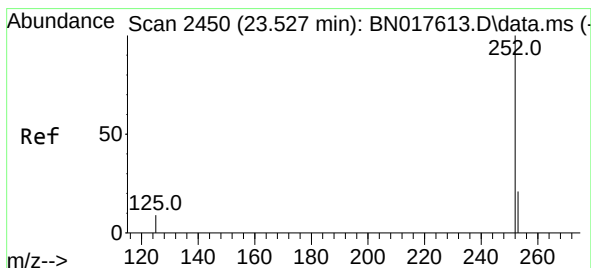
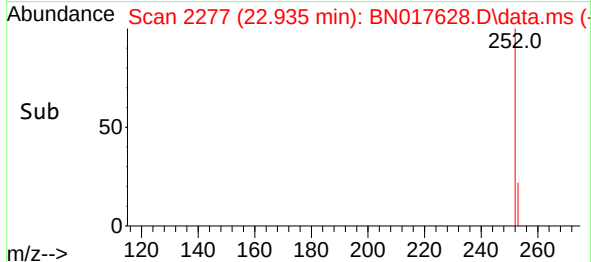
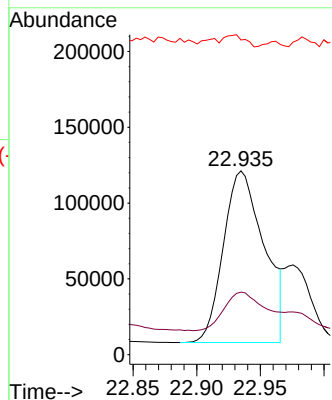
Tgt Ion:252 Resp: 251955

Ion Ratio Lower Upper

252 100

253 34.0 17.7 26.5#

125 171.2 7.8 11.8#



#39

Benzo(a)pyrene

Concen: 0.133 ng

RT: 23.534 min Scan# 2452

Delta R.T. 0.007 min

Lab File: BN017628.D

Acq: 01 Dec 2021 00:48

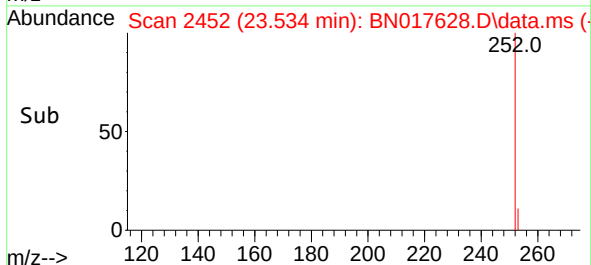
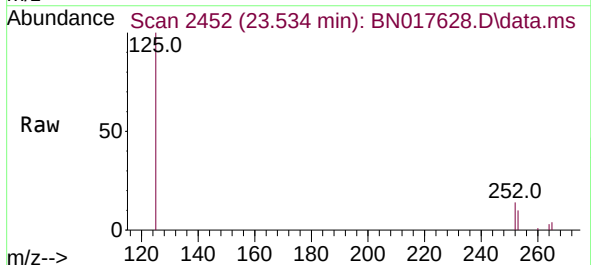
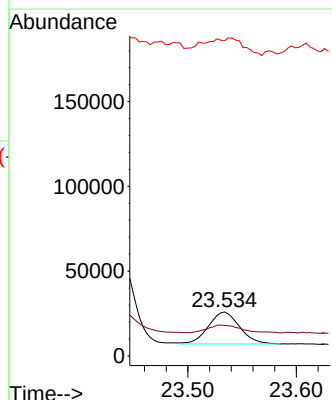
Tgt Ion:252 Resp: 37631

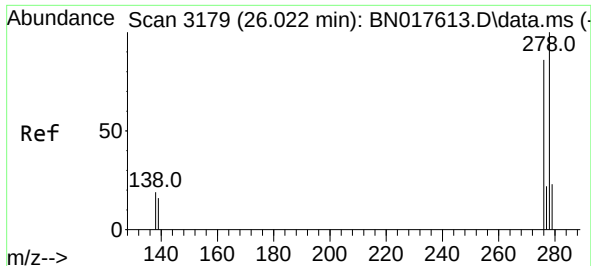
Ion Ratio Lower Upper

252 100

253 69.7 17.9 26.9#

125 717.0 9.2 13.8#

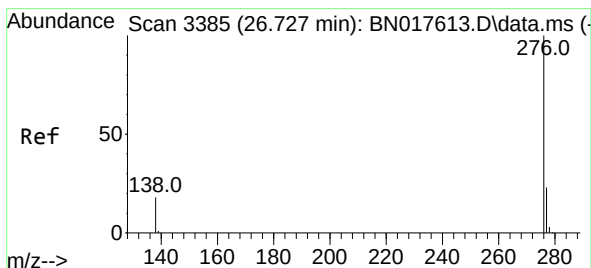
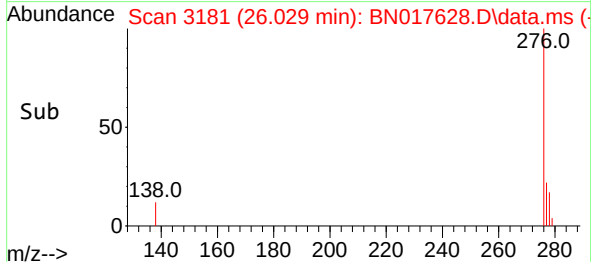
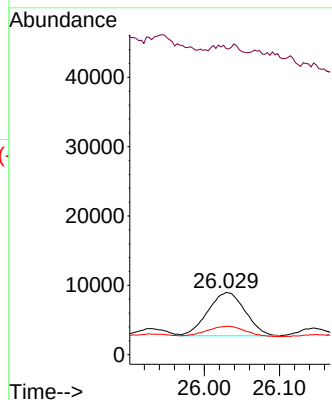
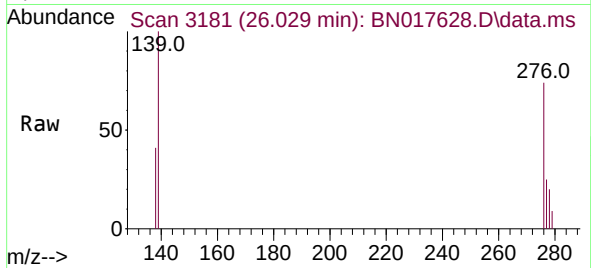




#40
Dibenzo(a,h)anthracene
Concen: 0.086 ng
RT: 26.029 min Scan# 3179
Delta R.T. 0.007 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

Instrument :
BNA_N
ClientSampleId :
CS-3B

Tgt Ion:278 Resp: 21594
Ion Ratio Lower Upper
278 100
139 491.8 13.0 19.6#
279 45.6 19.2 28.8#



#41
Benzo(g,h,i)perylene
Concen: 0.353 ng
RT: 26.744 min Scan# 3390
Delta R.T. 0.017 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

Tgt Ion:276 Resp: 91495
Ion Ratio Lower Upper
276 100
277 32.1 19.0 28.4#
138 53.7 17.1 25.7#

