

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
 Data File : BN017626.D
 Acq On : 30 Nov 2021 23:36
 Operator : CG/JU
 Sample : M4862-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-1A

Quant Time: Dec 01 03:15:57 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)

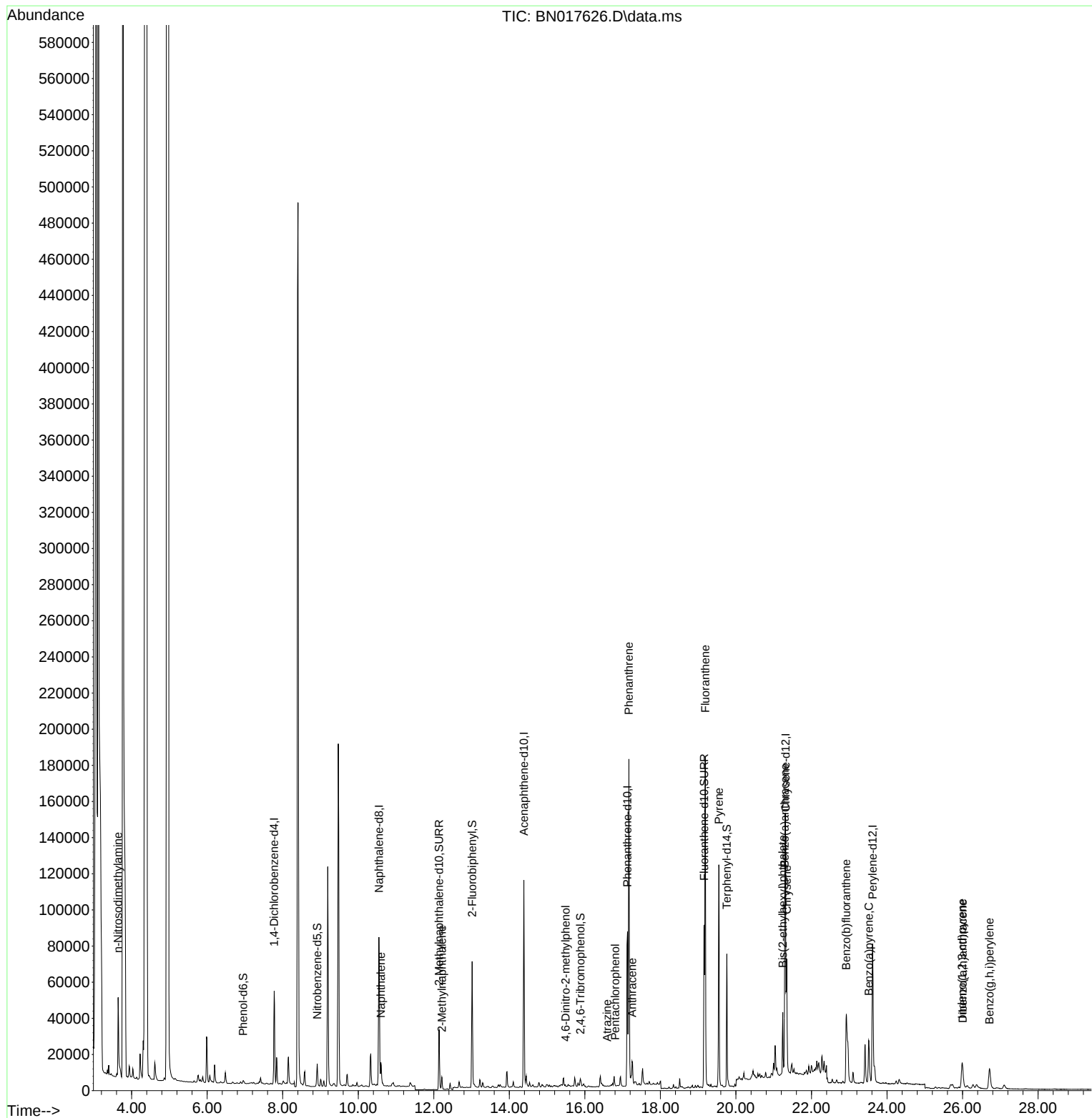
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.773	152	26876	0.400	ng	0.00
7) Naphthalene-d8	10.548	136	113847	0.400	ng	# 0.00
13) Acenaphthene-d10	14.384	164	65750	0.400	ng	0.00
19) Phenanthrene-d10	17.129	188	134938	0.400	ng	0.00
29) Chrysene-d12	21.314	240	129348	0.400	ng	0.00
35) Perylene-d12	23.619	264	112578	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.403	112	130	0.002	ng	0.04
5) Phenol-d6	6.952	99	1419	0.022	ng	0.00
8) Nitrobenzene-d5	8.913	82	10517	0.218	ng	0.00
11) 2-Methylnaphthalene-d10	12.138	152	48414	0.244	ng	0.00
14) 2,4,6-Tribromophenol	15.882	330	40	0.126	ng	0.00
15) 2-Fluorobiphenyl	13.014	172	62355	0.244	ng	0.00
27) Fluoranthene-d10	19.159	212	112777	0.267	ng	0.00
31) Terphenyl-d14	19.759	244	77658	0.274	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.642	42	12092	0.479	ng	# 1
9) Naphthalene	10.598	128	11075	0.039	ng	98
12) 2-Methylnaphthalene	12.213	142	5084	0.027	ng	97
20) 4,6-Dinitro-2-methylph...	15.488	198	2	0.056	ng	# 1
23) Atrazine	16.593	200	34	0.131	ng	# 2
24) Pentachlorophenol	16.800	266	69	0.194	ng	# 55
25) Phenanthrene	17.165	178	190587	0.515	ng	100
26) Anthracene	17.250	178	14955	0.047	ng	# 79
28) Fluoranthene	19.188	202	176454	0.421	ng	98
30) Pyrene	19.551	202	117936	0.282	ng	98
32) Benzo(a)anthracene	21.293	228	57856	0.147	ng	97
33) Chrysene	21.346	228	60291	0.141	ng	97
34) Bis(2-ethylhexyl)phtha...	21.240	149	32595	0.350	ng	97
36) Indeno(1,2,3-cd)pyrene	25.988	276	27508	0.075	ng	# 91
37) Benzo(b)fluoranthene	22.921	252	67793	0.182	ng	# 95
39) Benzo(a)pyrene	23.517	252	38519	0.115	ng	# 94
40) Dibenzo(a,h)anthracene	26.005	278	6653	0.022	ng	# 71
41) Benzo(g,h,i)perylene	26.714	276	27430	0.089	ng	97

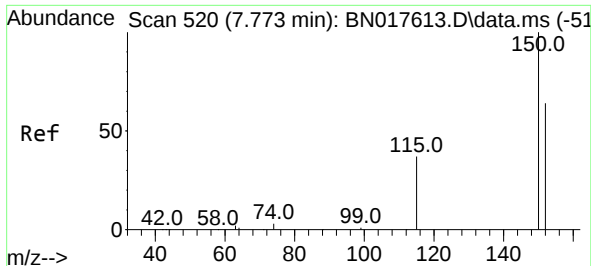
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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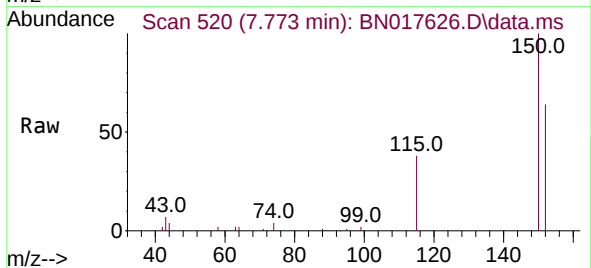
Quant Time: Dec 01 03:15:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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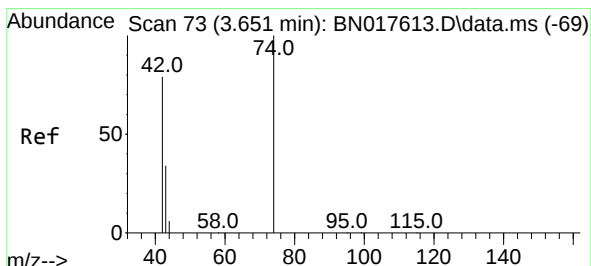
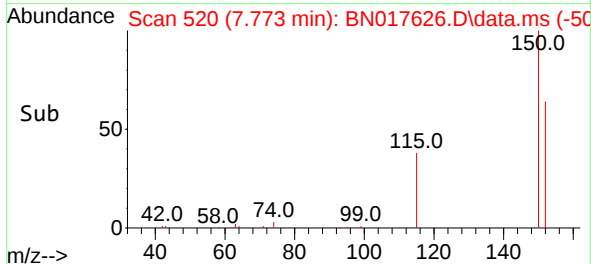
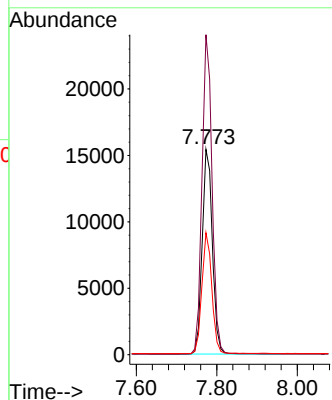


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.773 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

Instrument :
BNA_N
ClientSampleId :
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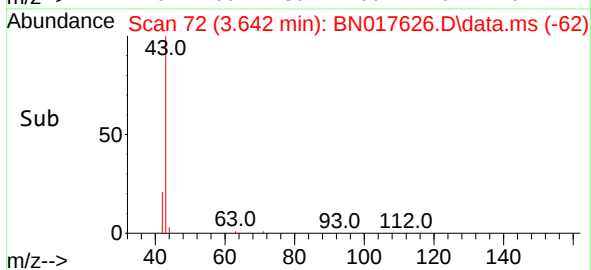
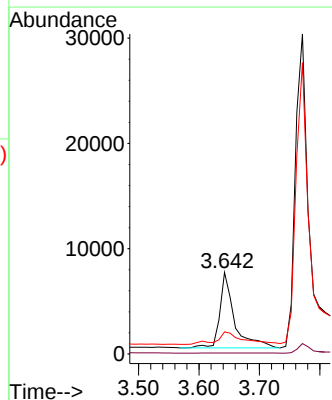
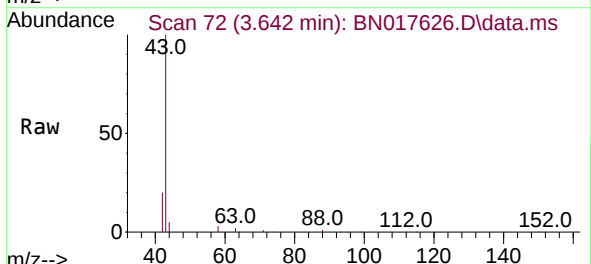


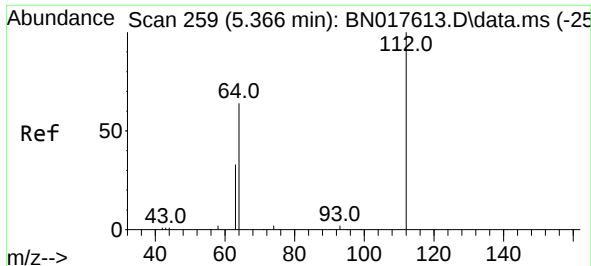
Tgt Ion:152 Resp: 26876
Ion Ratio Lower Upper
152 100
150 155.9 123.0 184.4
115 59.4 45.6 68.4



#3
n-Nitrosodimethylamine
Concen: 0.479 ng
RT: 3.642 min Scan# 72
Delta R.T. -0.009 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

Tgt Ion: 42 Resp: 12092
Ion Ratio Lower Upper
42 100
74 0.3 97.8 146.6#
44 20.8 5.5 8.3#

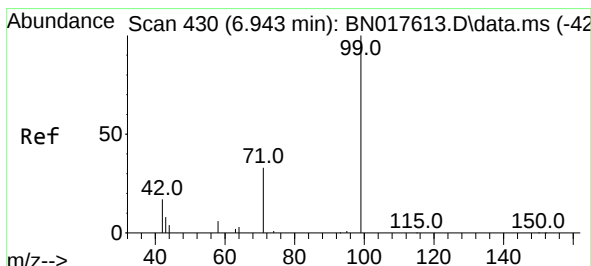
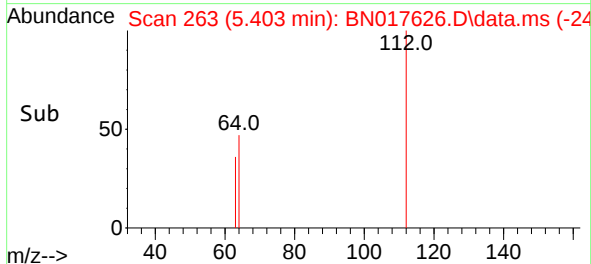
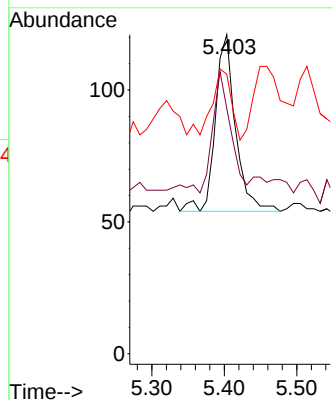
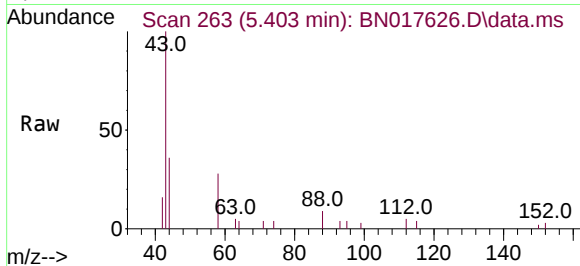




#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.403 min Scan# 21
Delta R.T. 0.037 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

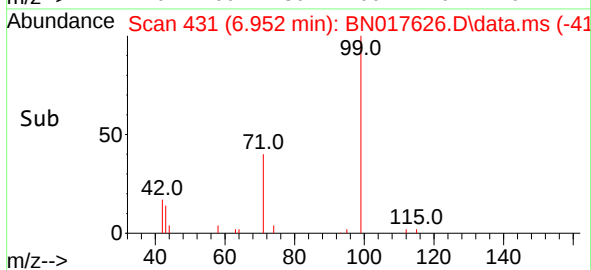
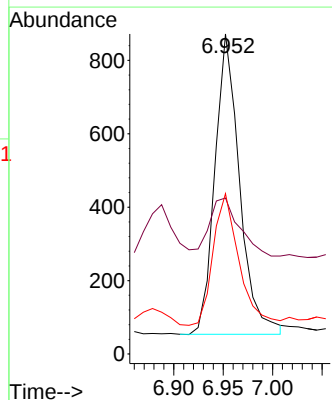
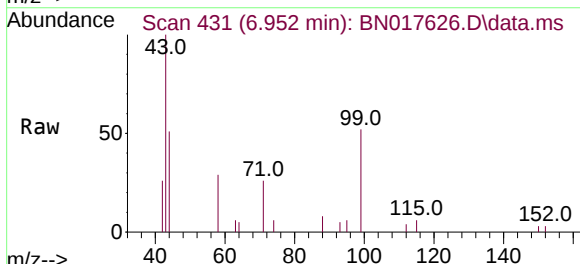
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BNA_N
ClientSampleId :
CS-1A

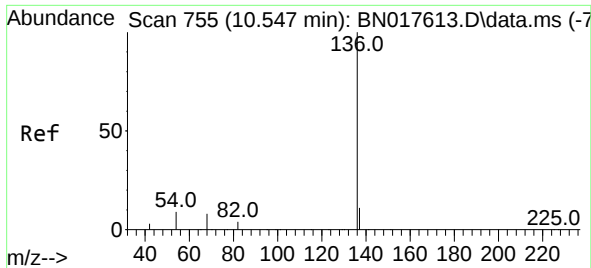
Tgt Ion: 112 Resp: 130
Ion Ratio Lower Upper
112 100
64 60.0 47.6 71.4
63 36.9 24.6 37.0



#5
Phenol-d6
Concen: 0.022 ng
RT: 6.952 min Scan# 431
Delta R.T. 0.009 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

Tgt Ion: 99 Resp: 1419
Ion Ratio Lower Upper
99 100
42 23.5 17.0 25.6
71 46.2 24.8 37.2#

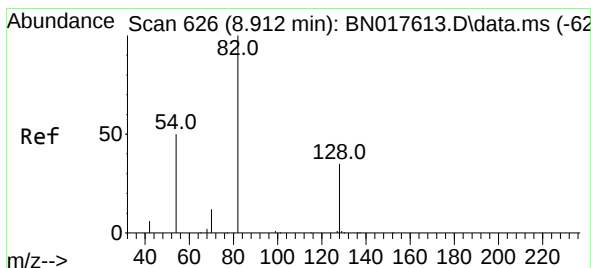
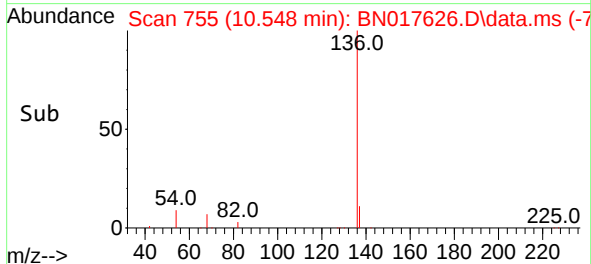
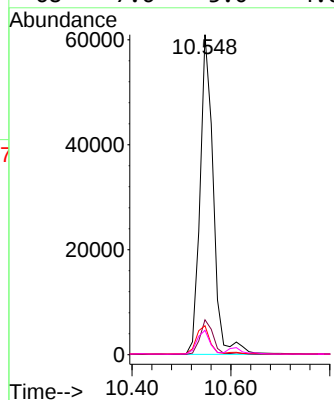
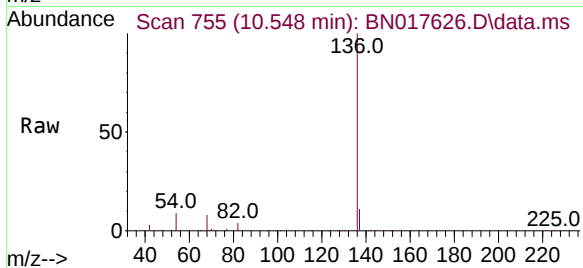




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.548 min Scan# 71
Delta R.T. 0.001 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

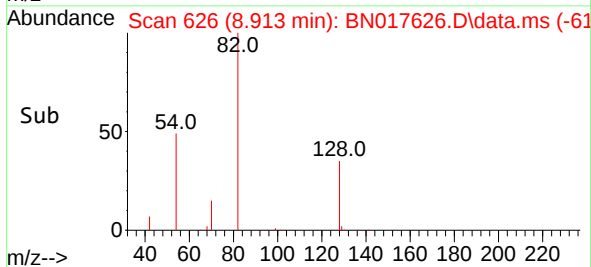
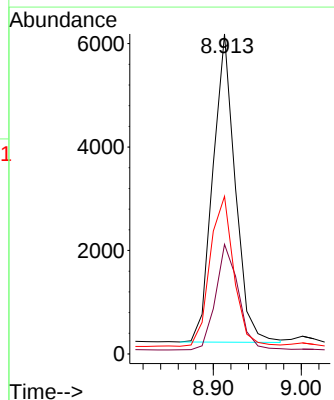
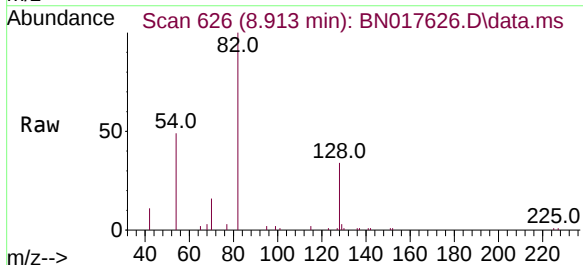
Instrument :
BNA_N
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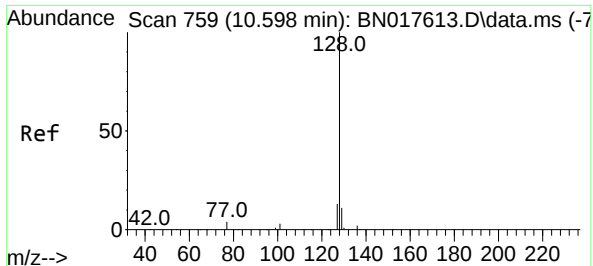
Tgt Ion:136 Resp: 113847
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.0 4.0 6.0#
68 7.6 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 0.218 ng
RT: 8.913 min Scan# 626
Delta R.T. 0.001 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

Tgt Ion: 82 Resp: 10517
Ion Ratio Lower Upper
82 100
128 34.2 27.7 41.5
54 49.2 49.2 73.8

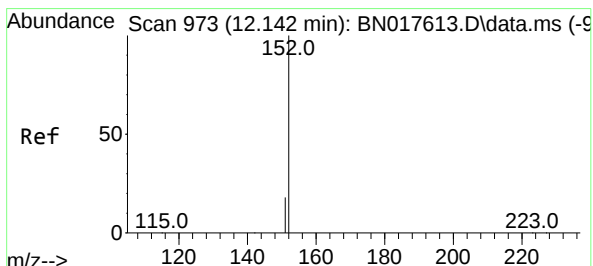
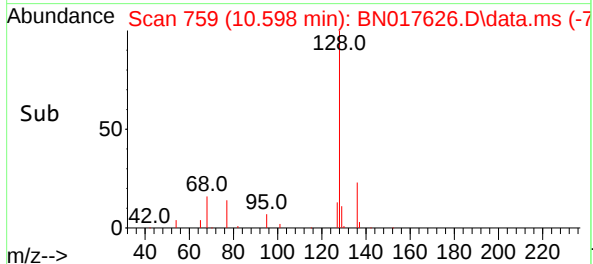
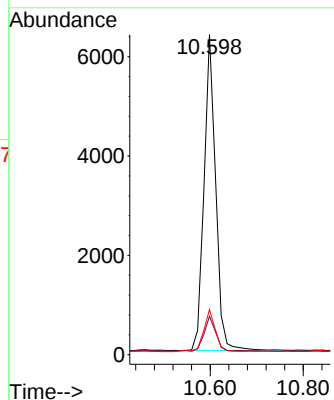
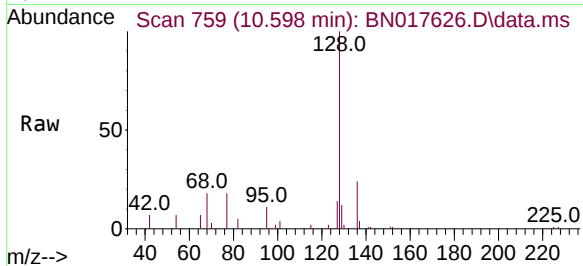




#9
Naphthalene
Concen: 0.039 ng
RT: 10.598 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

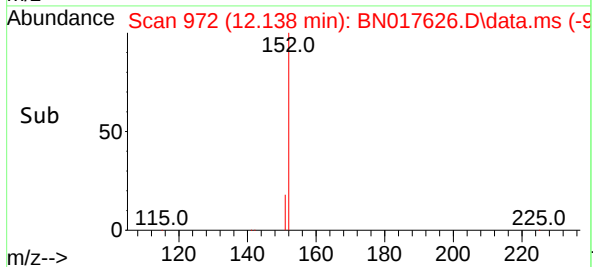
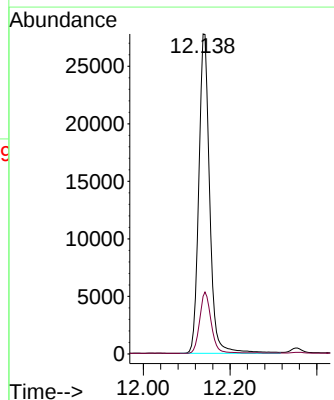
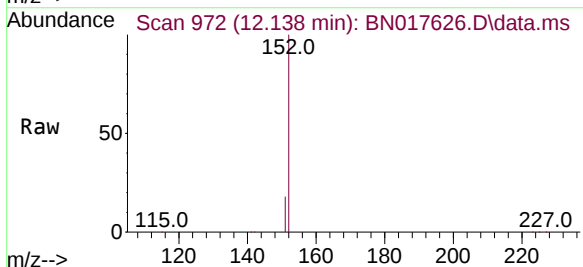
Instrument :
BNA_N
ClientSampleId :
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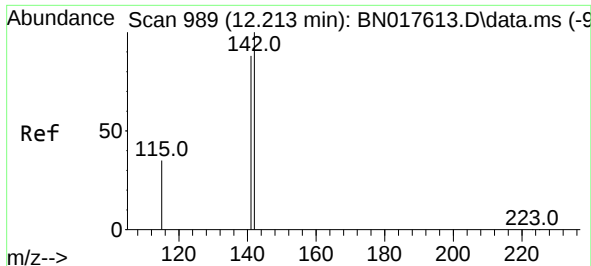
Tgt Ion:128 Resp: 11075
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.1 10.6 15.8



#11
2-Methylnaphthalene-d10
Concen: 0.244 ng
RT: 12.138 min Scan# 972
Delta R.T. -0.004 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

Tgt Ion:152 Resp: 48414
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4

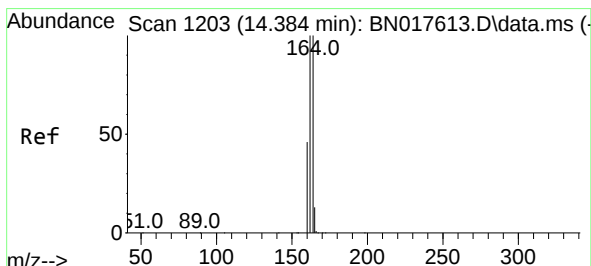
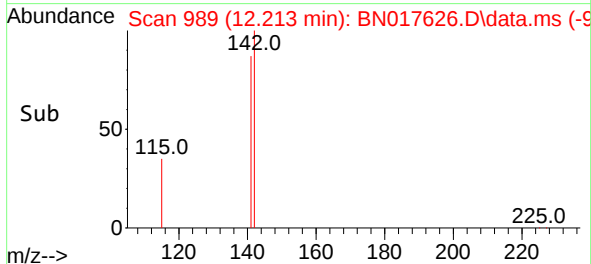
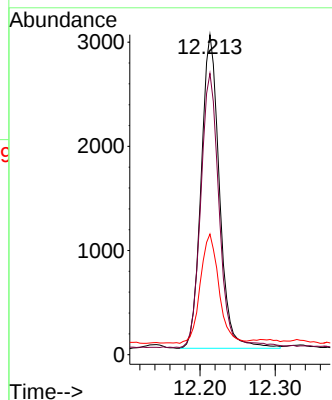
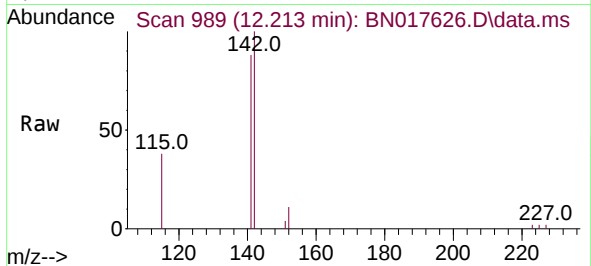




#12
2-Methylnaphthalene
Concen: 0.027 ng
RT: 12.213 min Scan# 989
Delta R.T. 0.000 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

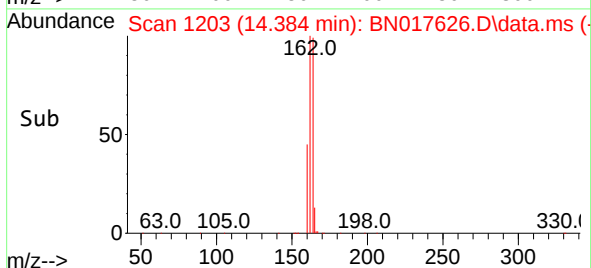
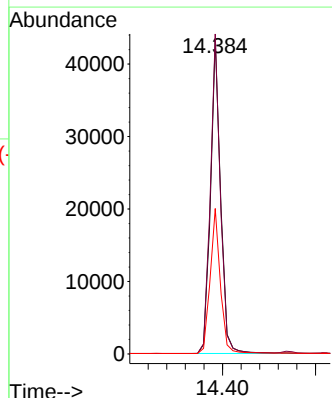
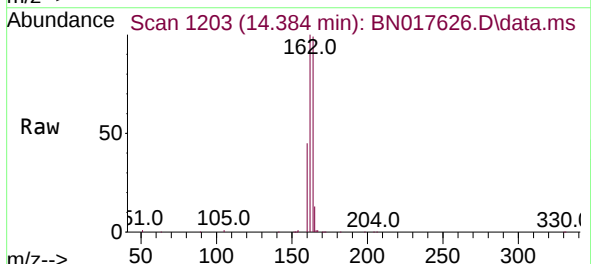
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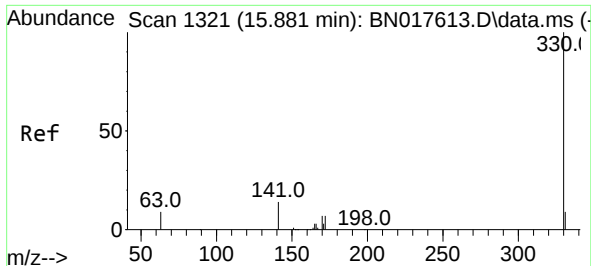
Tgt Ion:142 Resp: 5084
Ion Ratio Lower Upper
142 100
141 87.9 70.6 106.0
115 37.7 25.8 38.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.384 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

Tgt Ion:164 Resp: 65750
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.2
160 46.1 36.8 55.2

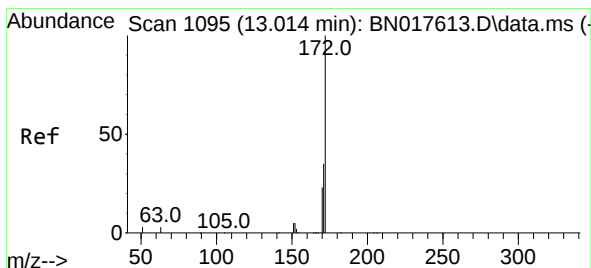
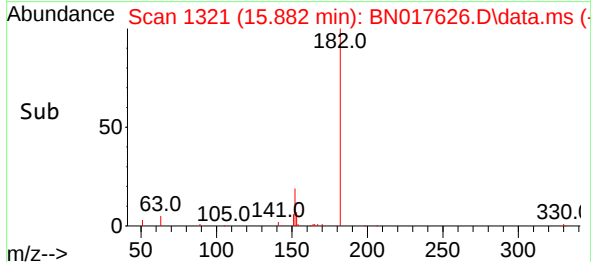
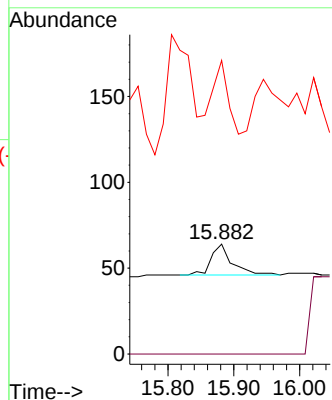
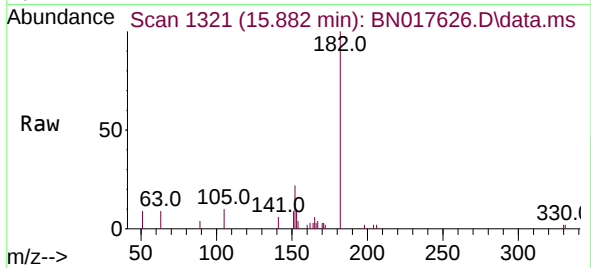




#14
2,4,6-Tribromophenol
Concen: 0.126 ng
RT: 15.882 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

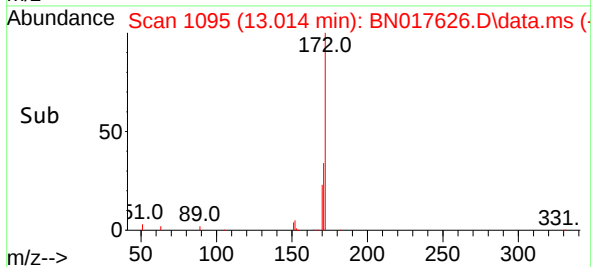
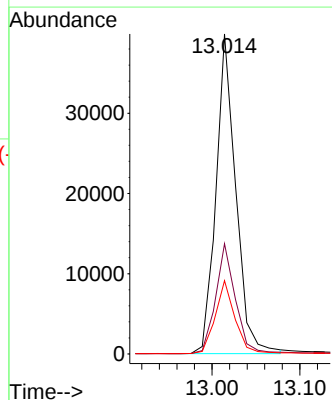
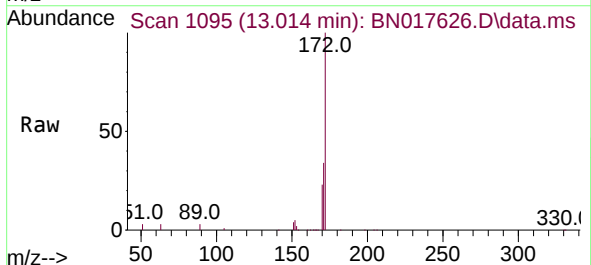
Instrument :
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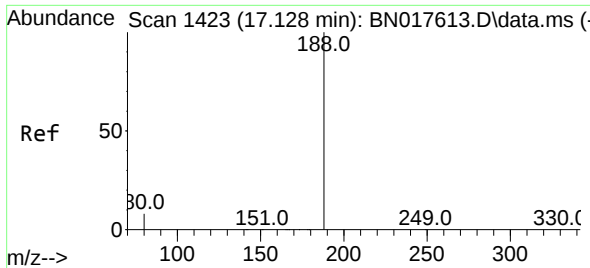
Tgt Ion:330 Resp: 40
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 162.5 28.9 43.3#



#15
2-Fluorobiphenyl
Concen: 0.244 ng
RT: 13.014 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

Tgt Ion:172 Resp: 62355
Ion Ratio Lower Upper
172 100
171 34.4 28.7 43.1
170 22.9 19.4 29.2

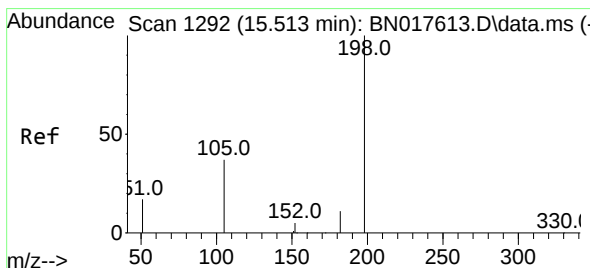
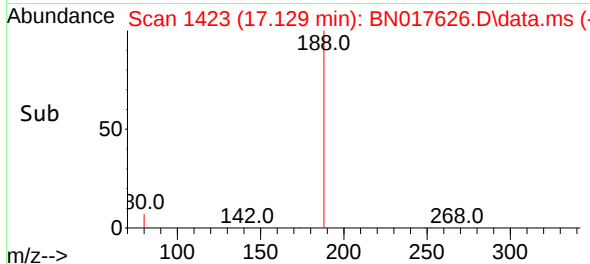
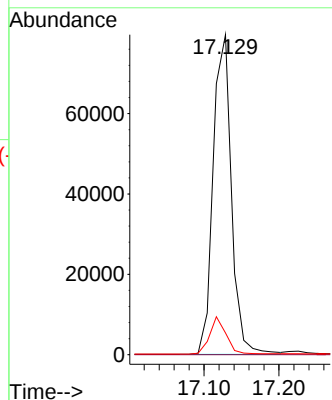
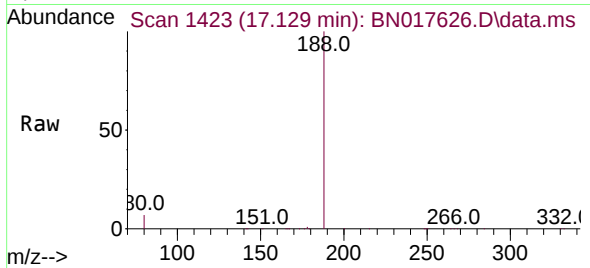




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.129 min Scan# 1423
Delta R.T. 0.001 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

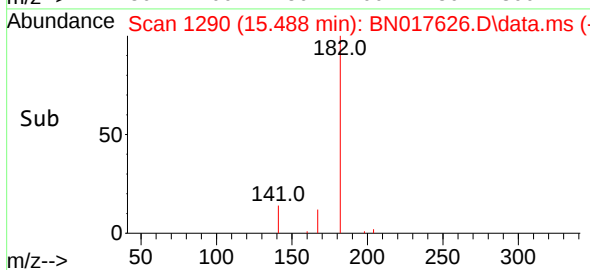
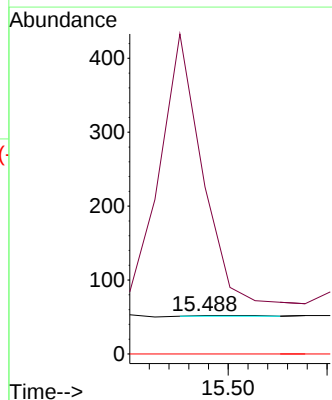
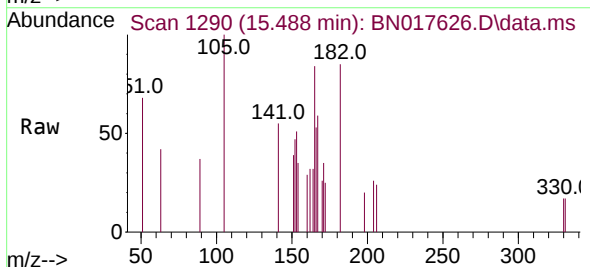
Instrument :
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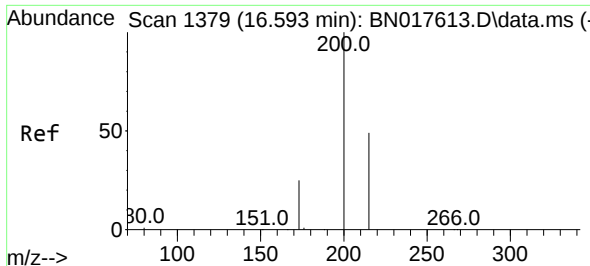
Tgt Ion:188 Resp: 134938
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.8 6.1 9.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.056 ng
RT: 15.488 min Scan# 1290
Delta R.T. -0.025 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
182 434.6 11.4 17.2#
77 0.0 0.0 0.0

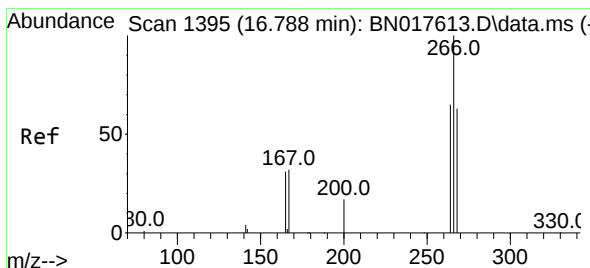
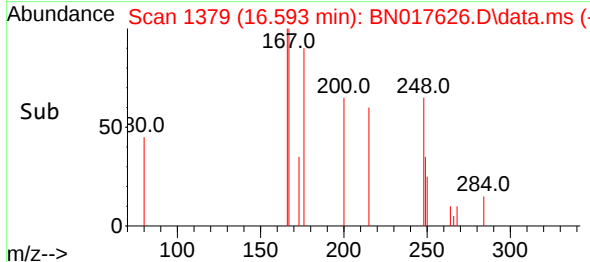
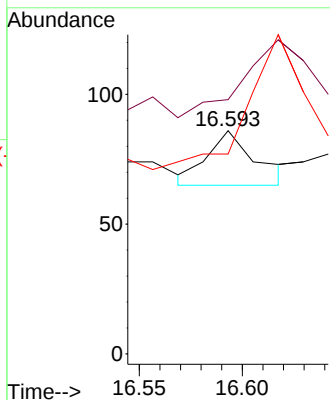
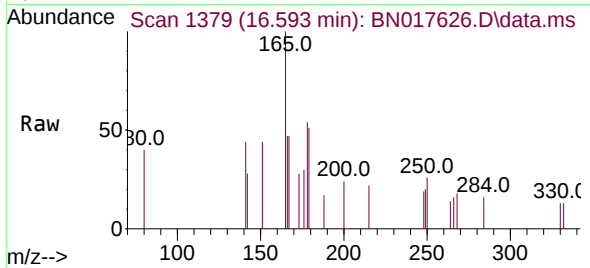




#23
 Atrazine
 Concen: 0.131 ng
 RT: 16.593 min Scan# 1379
 Delta R.T. 0.000 min
 Lab File: BN017626.D
 Acq: 30 Nov 2021 23:36

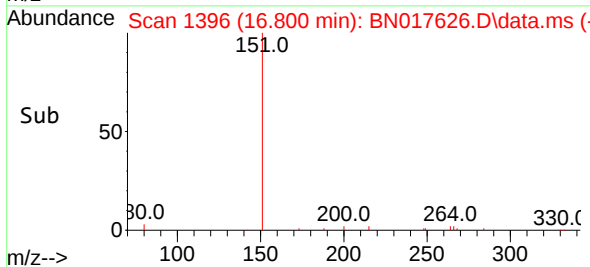
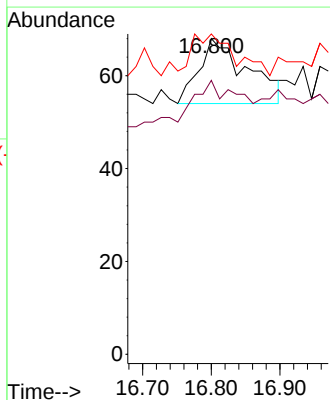
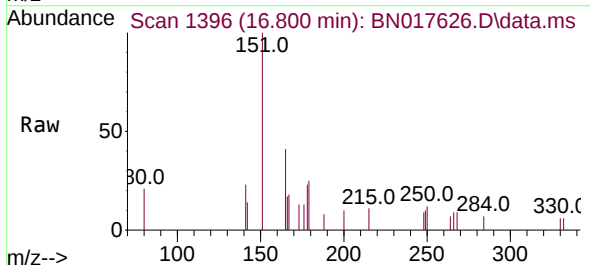
Instrument :
 BNA_N
 ClientSampleId :
 CS-1A

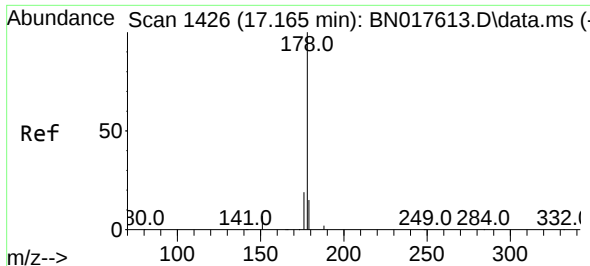
Tgt Ion:200 Resp: 34
 Ion Ratio Lower Upper
 200 100
 173 114.0 17.6 26.4#
 215 89.5 40.2 60.4#



#24
 Pentachlorophenol
 Concen: 0.194 ng
 RT: 16.800 min Scan# 1396
 Delta R.T. 0.012 min
 Lab File: BN017626.D
 Acq: 30 Nov 2021 23:36

Tgt Ion:266 Resp: 69
 Ion Ratio Lower Upper
 266 100
 264 56.5 49.8 74.8
 268 0.0 51.3 76.9#

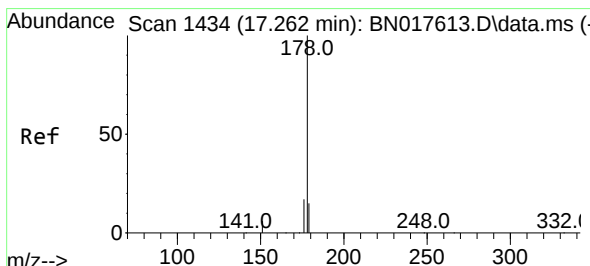
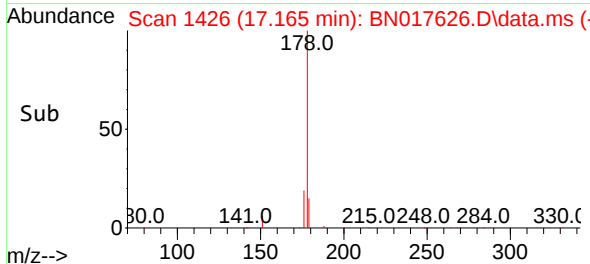
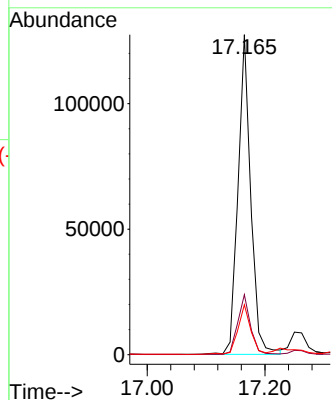
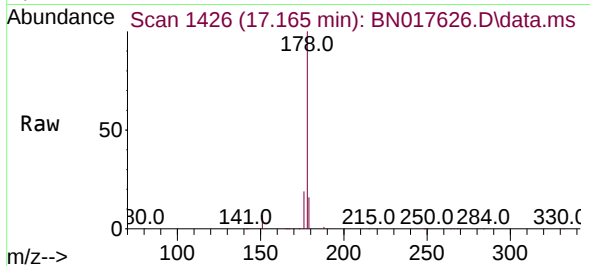




#25
Phenanthrene
Concen: 0.515 ng
RT: 17.165 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

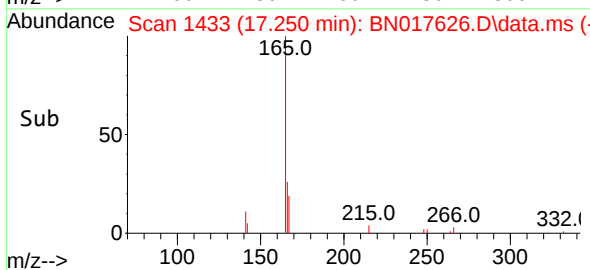
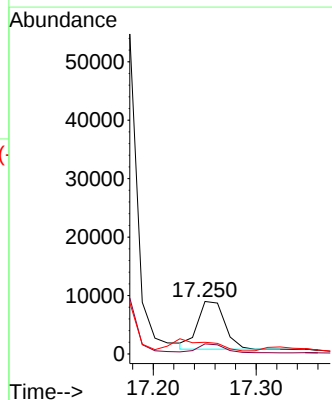
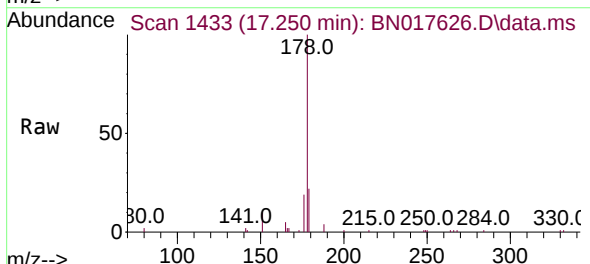
Instrument :
BNA_N
ClientSampleId :
CS-1A

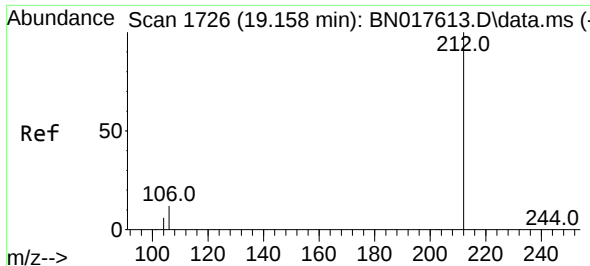
Tgt Ion:178 Resp: 190587
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.6 12.3 18.5



#26
Anthracene
Concen: 0.047 ng
RT: 17.250 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

Tgt Ion:178 Resp: 14955
Ion Ratio Lower Upper
178 100
176 21.9 14.6 22.0
179 0.0 12.2 18.4#

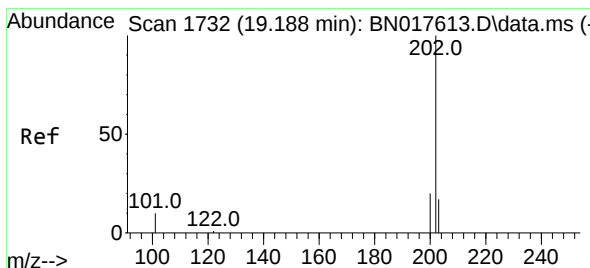
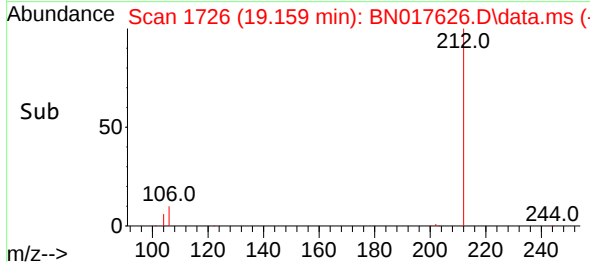
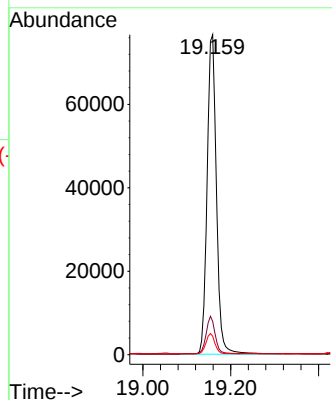
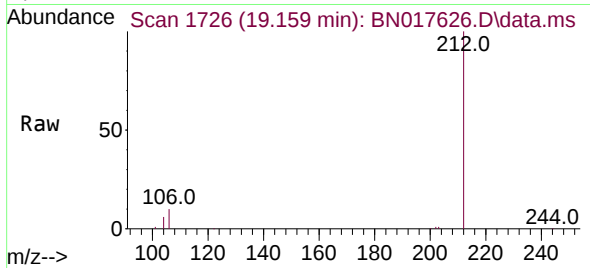




#27
Fluoranthene-d10
Concen: 0.267 ng
RT: 19.159 min Scan# 1726
Delta R.T. 0.001 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

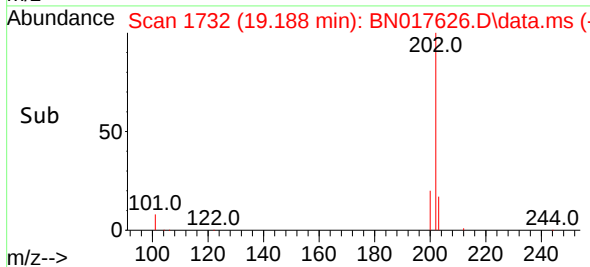
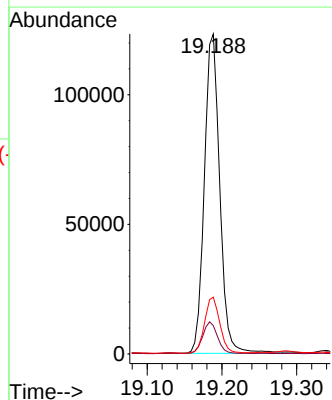
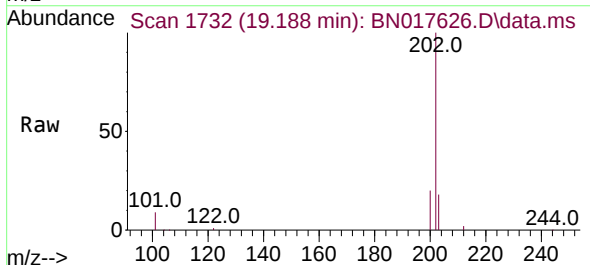
Instrument :
BNA_N
ClientSampleId :
CS-1A

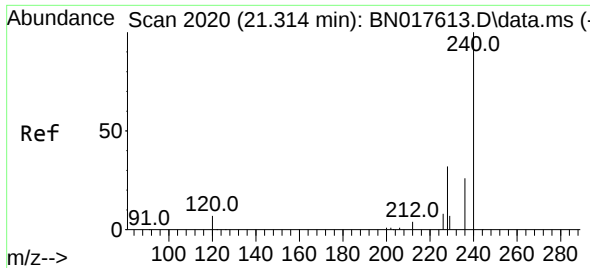
Tgt Ion:212 Resp: 112777
Ion Ratio Lower Upper
212 100
106 11.1 10.5 15.7
104 6.3 5.8 8.6



#28
Fluoranthene
Concen: 0.421 ng
RT: 19.188 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

Tgt Ion:202 Resp: 176454
Ion Ratio Lower Upper
202 100
101 9.5 8.9 13.3
203 17.2 13.8 20.6

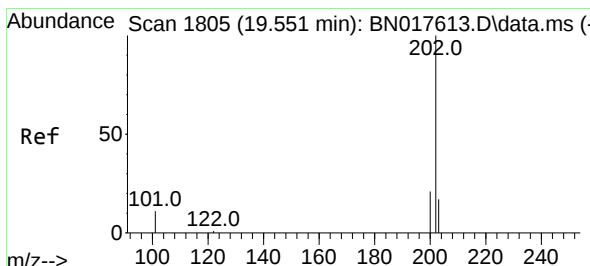
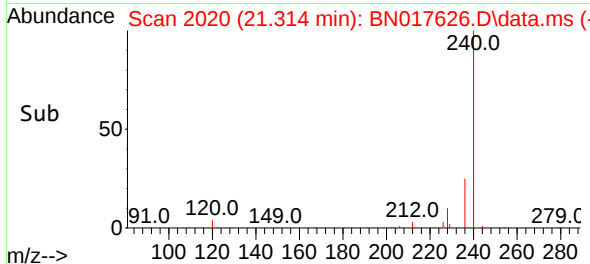
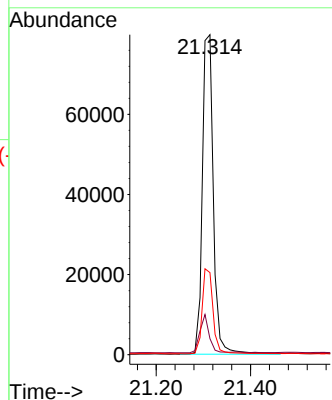
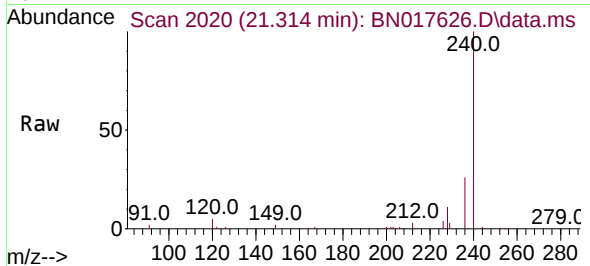




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.314 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

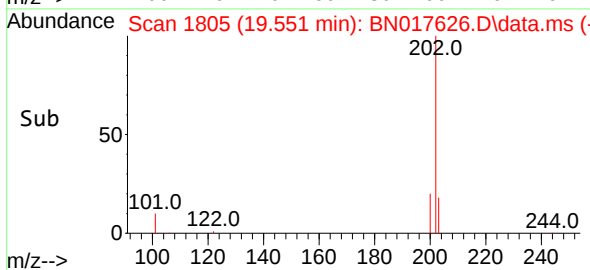
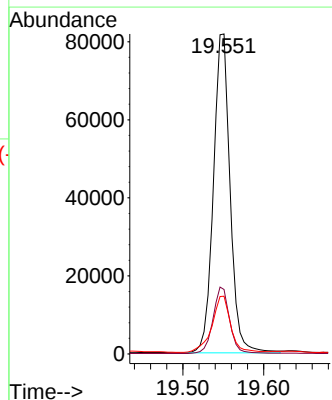
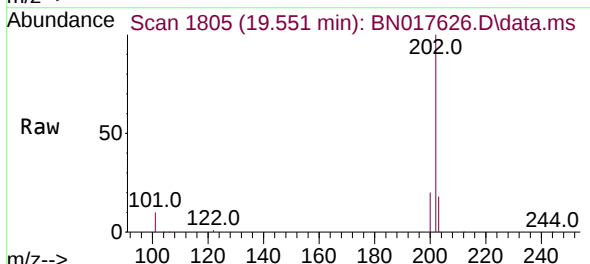
Instrument :
BNA_N
ClientSampleId :
CS-1A

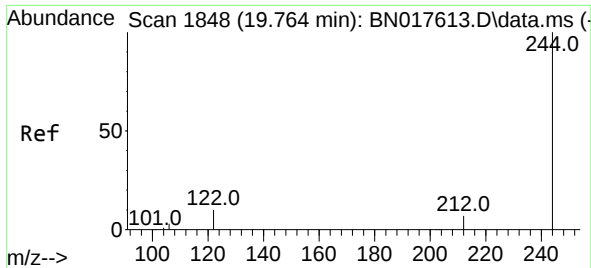
Tgt Ion:240 Resp: 129348
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 25.7 20.0 30.0



#30
Pyrene
Concen: 0.282 ng
RT: 19.551 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

Tgt Ion:202 Resp: 117936
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 19.8 14.0 21.0

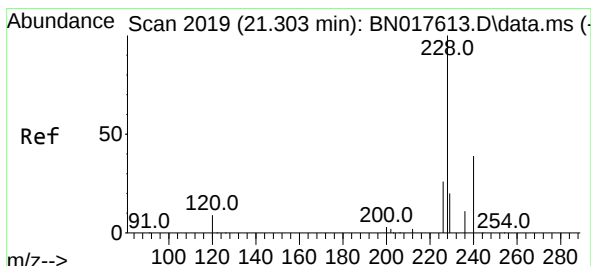
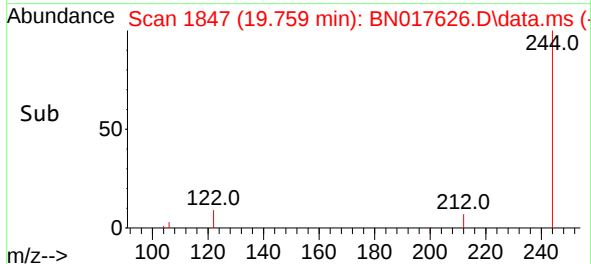
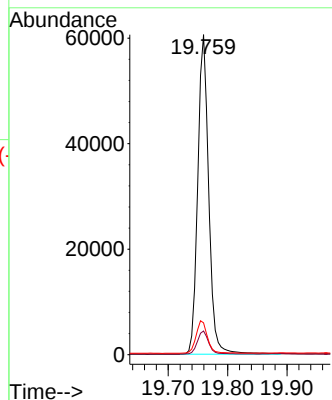
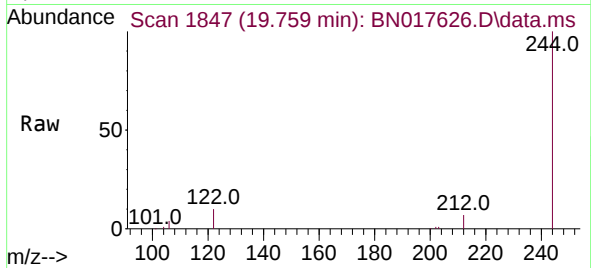




#31
 Terphenyl-d14
 Concen: 0.274 ng
 RT: 19.759 min Scan# 1847
 Delta R.T. -0.005 min
 Lab File: BN017626.D
 Acq: 30 Nov 2021 23:36

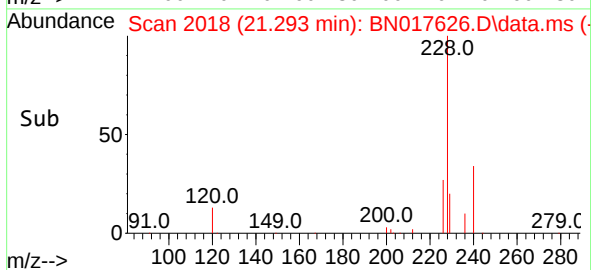
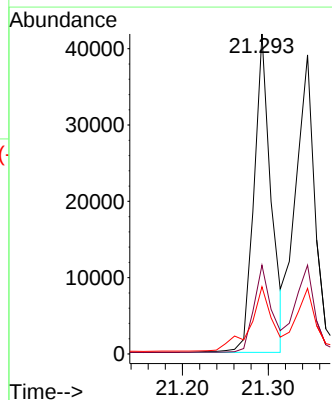
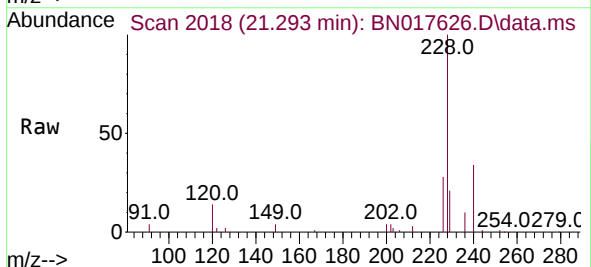
Instrument :
 BNA_N
 ClientSampleId :
 CS-1A

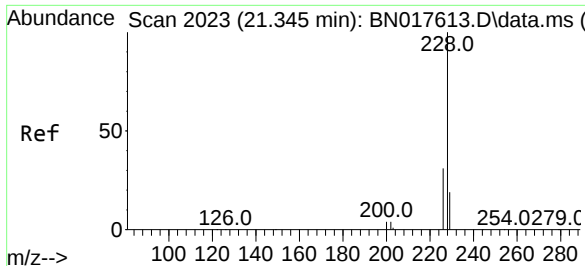
Tgt Ion:244 Resp: 77658
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 9.9 8.6 13.0



#32
 Benzo(a)anthracene
 Concen: 0.147 ng
 RT: 21.293 min Scan# 2018
 Delta R.T. -0.010 min
 Lab File: BN017626.D
 Acq: 30 Nov 2021 23:36

Tgt Ion:228 Resp: 57856
 Ion Ratio Lower Upper
 228 100
 226 27.8 21.3 31.9
 229 21.0 15.7 23.5

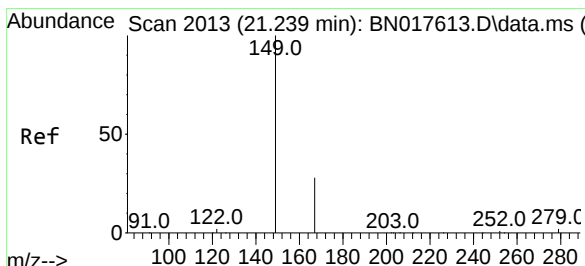
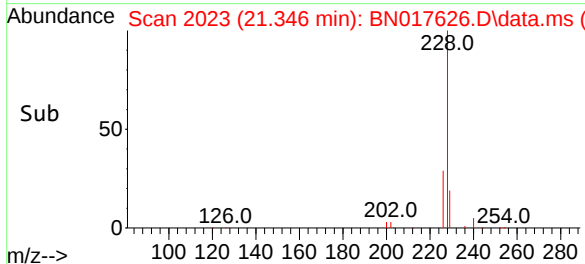
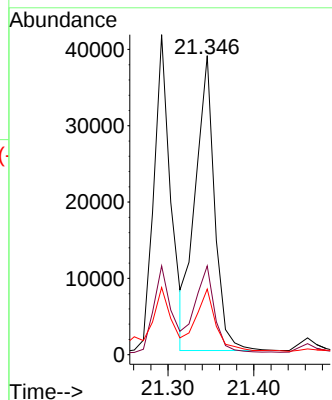
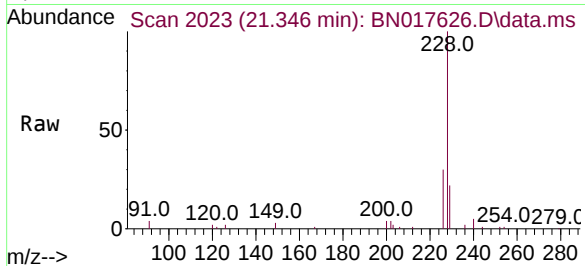




#33
Chrysene
Concen: 0.141 ng
RT: 21.346 min Scan# 2023
Delta R.T. 0.001 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

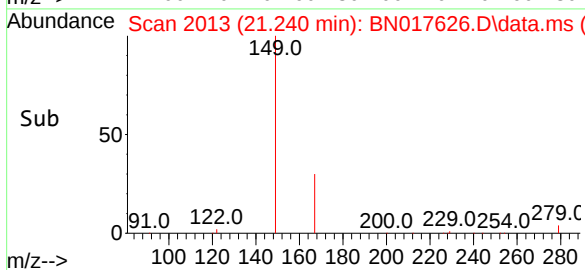
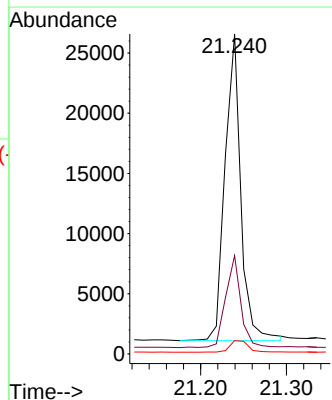
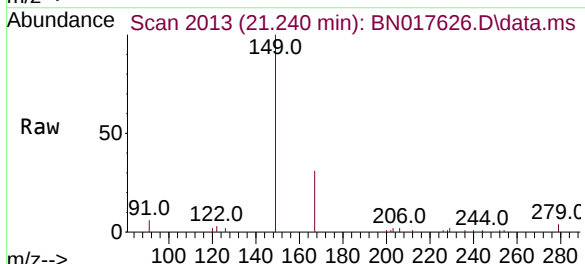
Instrument :
BNA_N
ClientSampleId :
CS-1A

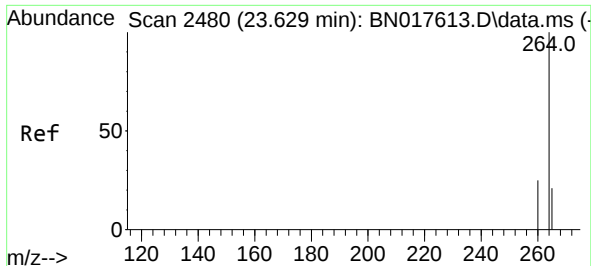
Tgt Ion:228 Resp: 60291
Ion Ratio Lower Upper
228 100
226 29.7 23.3 34.9
229 22.0 15.6 23.4



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.350 ng
RT: 21.240 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

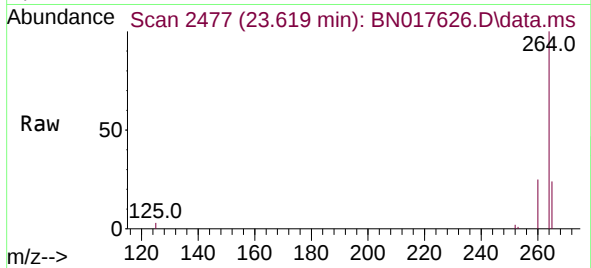
Tgt Ion:149 Resp: 32595
Ion Ratio Lower Upper
149 100
167 29.1 21.8 32.6
279 4.3 3.4 5.0



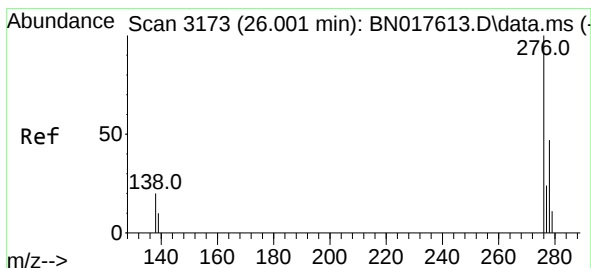
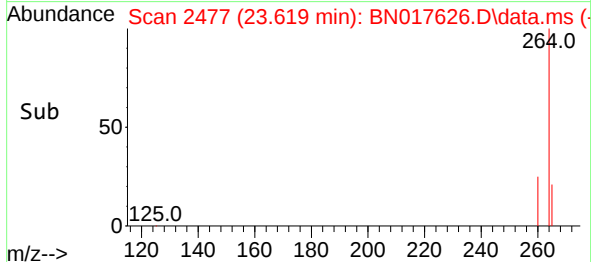
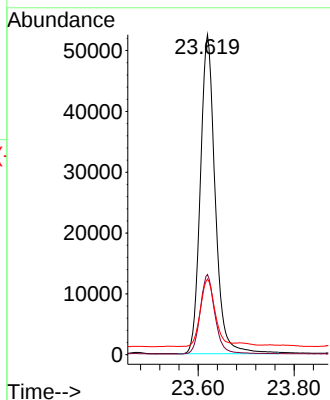


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.619 min Scan# 2477
 Delta R.T. -0.010 min
 Lab File: BN017626.D
 Acq: 30 Nov 2021 23:36

Instrument :
 BNA_N
 ClientSampleId :
 CS-1A

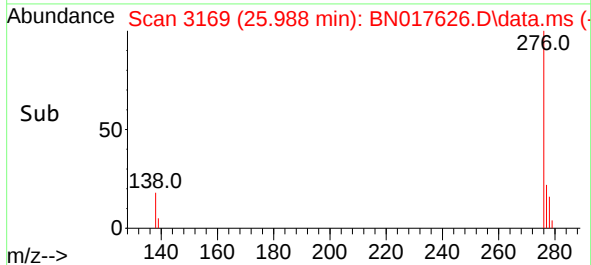
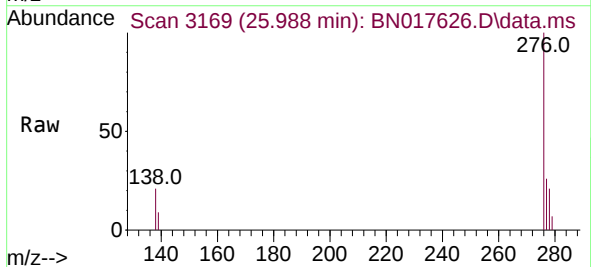
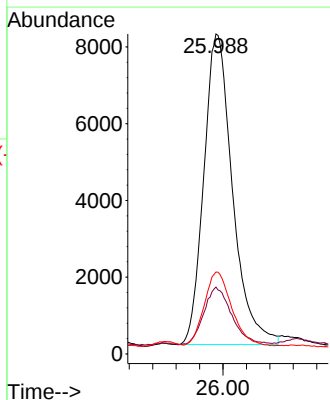


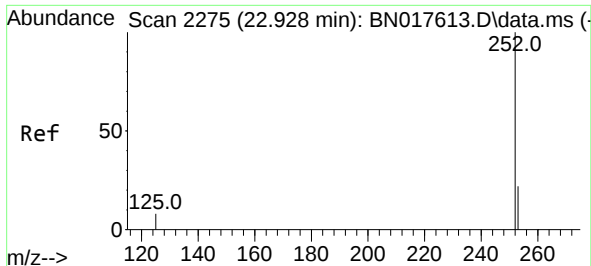
Tgt Ion:264 Resp: 112578
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.2
 265 23.7 18.6 28.0



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.075 ng
 RT: 25.988 min Scan# 3169
 Delta R.T. -0.013 min
 Lab File: BN017626.D
 Acq: 30 Nov 2021 23:36

Tgt Ion:276 Resp: 27508
 Ion Ratio Lower Upper
 276 100
 138 18.1 19.7 29.5#
 277 22.8 20.0 30.0

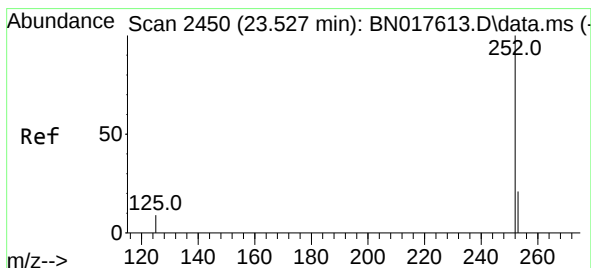
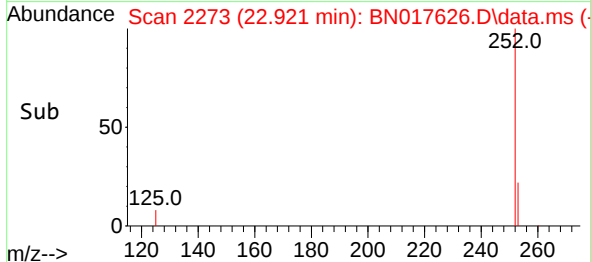
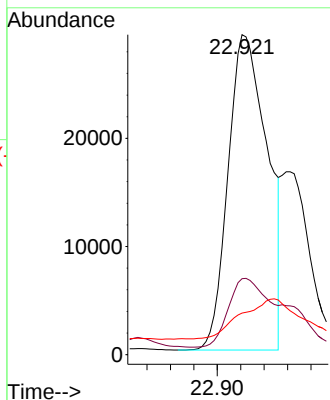
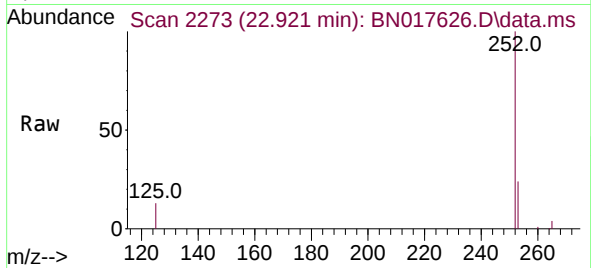




#37
Benzo(b)fluoranthene
Concen: 0.182 ng
RT: 22.921 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

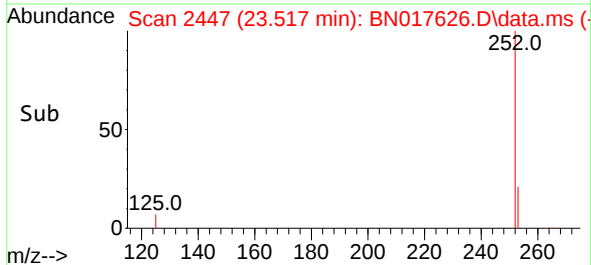
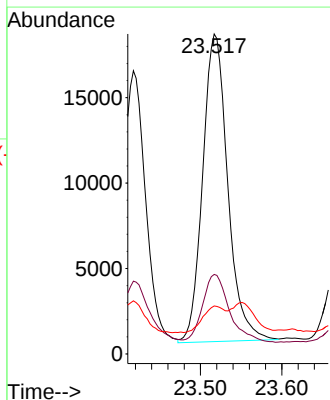
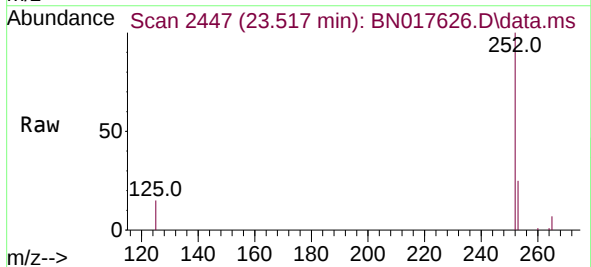
Instrument :
BNA_N
ClientSampleId :
CS-1A

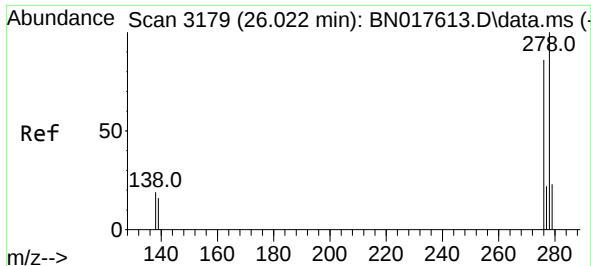
Tgt Ion:252 Resp: 67793
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 13.0 7.8 11.8#



#39
Benzo(a)pyrene
Concen: 0.115 ng
RT: 23.517 min Scan# 2447
Delta R.T. -0.010 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

Tgt Ion:252 Resp: 38519
Ion Ratio Lower Upper
252 100
253 24.8 17.9 26.9
125 15.0 9.2 13.8#

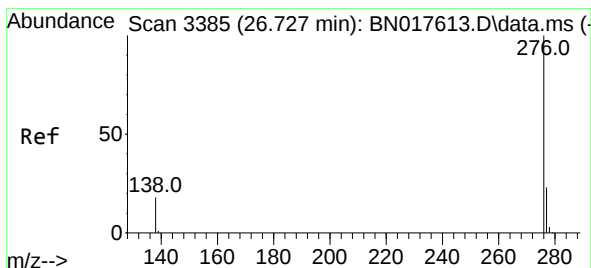
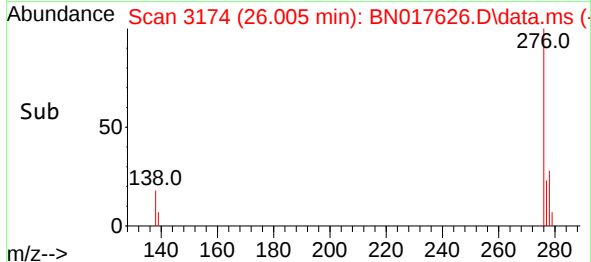
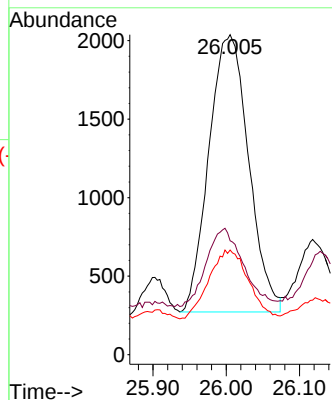
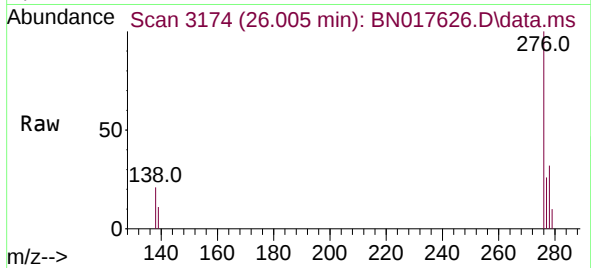




#40
Dibenzo(a,h)anthracene
Concen: 0.022 ng
RT: 26.005 min Scan# 3174
Delta R.T. -0.017 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

Instrument :
BNA_N
ClientSampleId :
CS-1A

Tgt Ion:278 Resp: 6653
Ion Ratio Lower Upper
278 100
139 35.6 13.0 19.6#
279 32.7 19.2 28.8#



#41
Benzo(g,h,i)perylene
Concen: 0.089 ng
RT: 26.714 min Scan# 3381
Delta R.T. -0.013 min
Lab File: BN017626.D
Acq: 30 Nov 2021 23:36

Tgt Ion:276 Resp: 27430
Ion Ratio Lower Upper
276 100
277 24.8 19.0 28.4
138 19.8 17.1 25.7

