

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062723\
 Data File : BN026044.D
 Acq On : 27 Jun 2023 19:24
 Operator : MA/JU
 Sample : 03376-06MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 03376-03MSDMSD

Quant Time: Jun 28 05:50:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 05:23:31 2023
 Response via : Initial Calibration

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

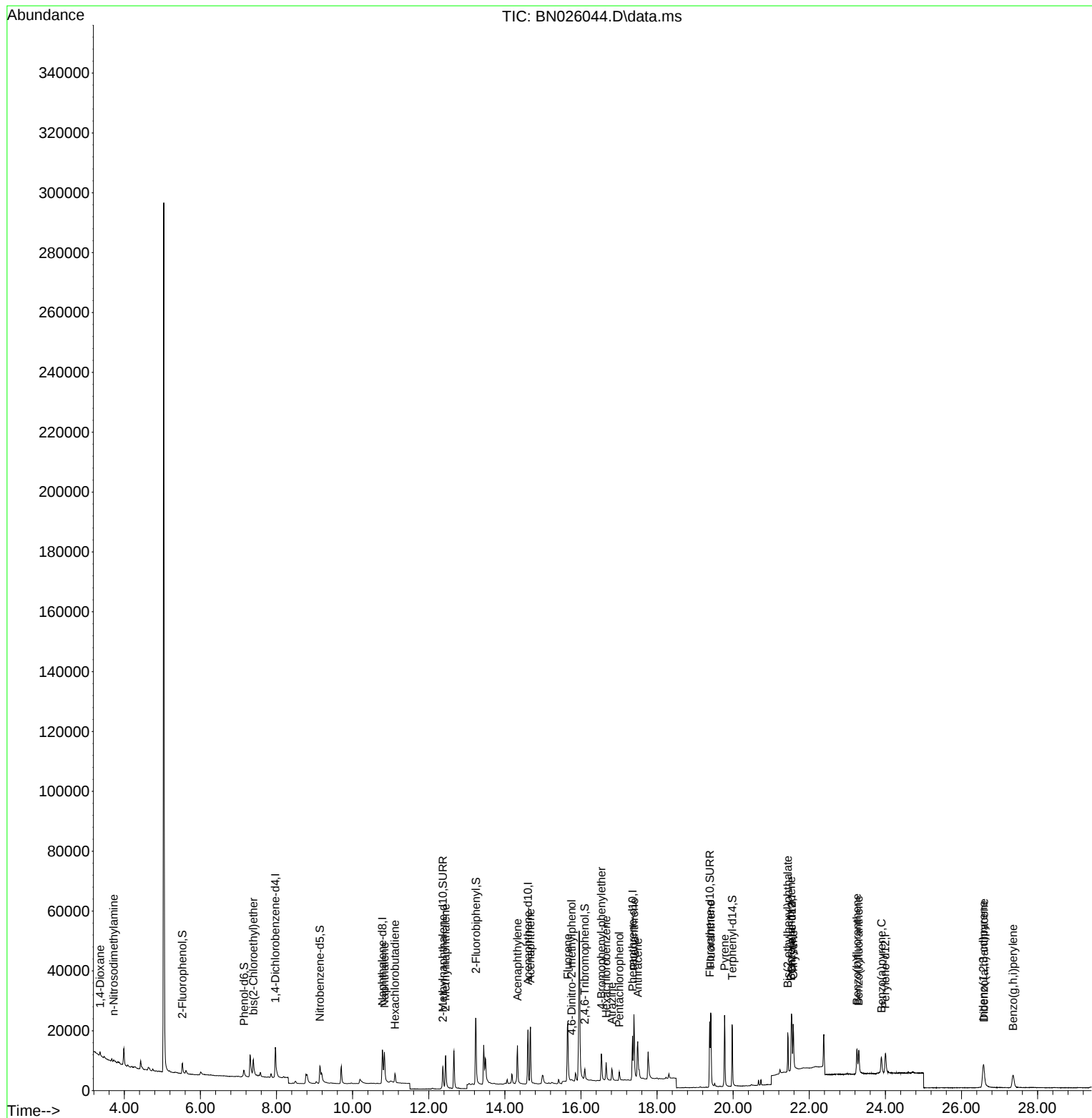
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	6268	0.400	ng	0.00
7) Naphthalene-d8	10.782	136	18529	0.400	ng	0.00
13) Acenaphthene-d10	14.609	164	11037	0.400	ng	0.00
19) Phenanthrene-d10	17.356	188	22375	0.400	ng	0.00
29) Chrysene-d12	21.542	240	12615	0.400	ng	0.00
35) Perylene-d12	24.002	264	11794	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.528	112	3791	0.249	ng	0.00
5) Phenol-d6	7.146	99	2925	0.151	ng	0.00
8) Nitrobenzene-d5	9.138	82	7408	0.467	ng	-0.01
11) 2-Methylnaphthalene-d10	12.370	152	14074	0.519	ng	0.00
14) 2,4,6-Tribromophenol	16.102	330	2187	0.545	ng	0.00
15) 2-Fluorobiphenyl	13.240	172	25754	0.604	ng	0.00
27) Fluoranthene-d10	19.384	212	27816	0.587	ng	0.00
31) Terphenyl-d14	19.974	244	22638	0.701	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	868	0.131	ng	# 3
3) n-Nitrosodimethylamine	3.722	42	623	0.093	ng	# 69
6) bis(2-Chloroethyl)ether	7.391	93	5568	0.349	ng	92
9) Naphthalene	10.835	128	18328	0.365	ng	99
10) Hexachlorobutadiene	11.113	225	2570	0.265	ng	# 99
12) 2-Methylnaphthalene	12.442	142	10344	0.293	ng	99
16) Acenaphthylene	14.331	152	16170	0.312	ng	99
17) Acenaphthene	14.673	154	10814	0.324	ng	98
18) Fluorene	15.656	166	14512	0.333	ng	100
20) 4,6-Dinitro-2-methylph...	15.755	198	326	0.158	ng	# 1
21) 4-Bromophenyl-phenylether	16.537	248	4108	0.322	ng	# 76
22) Hexachlorobenzene	16.661	284	4137	0.323	ng	96
23) Atrazine	16.810	200	4011	0.366	ng	95
24) Pentachlorophenol	17.009	266	1507	0.250	ng	98
25) Phenanthrene	17.393	178	25741	0.393	ng	100
26) Anthracene	17.493	178	19114	0.324	ng	97
28) Fluoranthene	19.412	202	24331	0.353	ng	98
30) Pyrene	19.774	202	24176	0.346	ng	99
32) Benzo(a)anthracene	21.525	228	14705	0.324	ng	99
33) Chrysene	21.578	228	14779	0.292	ng	98
34) Bis(2-ethylhexyl)phtha...	21.435	149	13296	0.328	ng	98
36) Indeno(1,2,3-cd)pyrene	26.572	276	12694	0.262	ng	100
37) Benzo(b)fluoranthene	23.253	252	12061	0.282	ng	94
38) Benzo(k)fluoranthene	23.297	252	11722	0.253	ng	# 91
39) Benzo(a)pyrene	23.893	252	9902	0.236	ng	# 89
40) Dibenzo(a,h)anthracene	26.589	278	9566	0.252	ng	93
41) Benzo(g,h,i)perylene	27.358	276	11478	0.260	ng	97

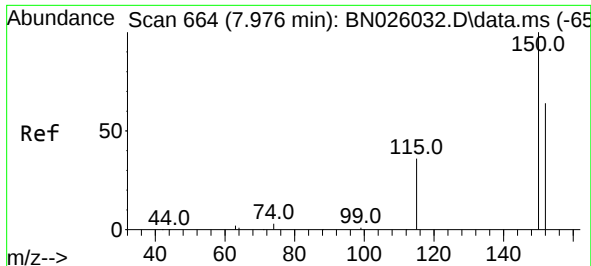
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062723\
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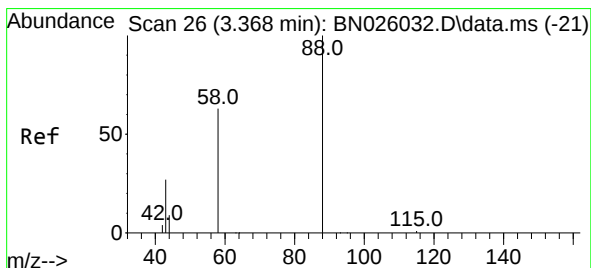
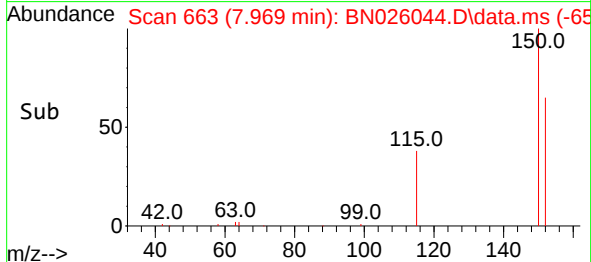
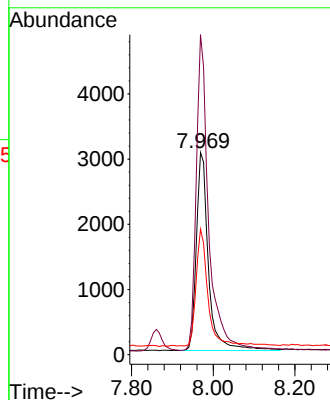
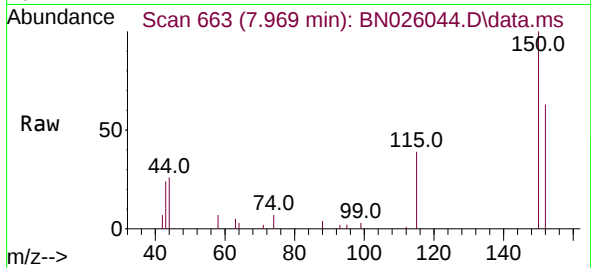




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.969 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN026044.D
 Acq: 27 Jun 2023 19:24

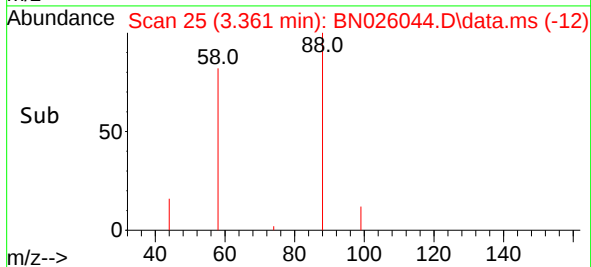
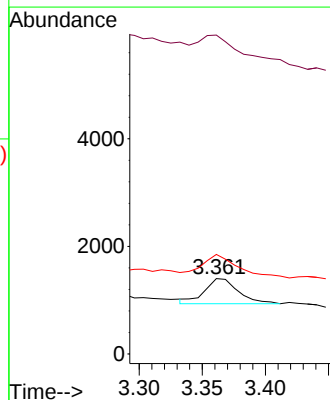
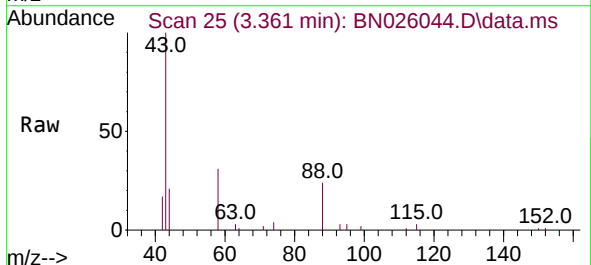
Instrument :
 BNA_N
 ClientSampleId :
 O3376-03MSDMSD

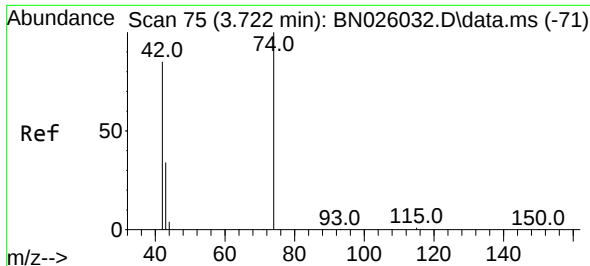
Tgt Ion:152 Resp: 6268
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.7 187.1
 115 62.2 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.131 ng
 RT: 3.361 min Scan# 25
 Delta R.T. -0.007 min
 Lab File: BN026044.D
 Acq: 27 Jun 2023 19:24

Tgt Ion: 88 Resp: 868
 Ion Ratio Lower Upper
 88 100
 43 144.1 24.2 36.4#
 58 103.2 53.3 79.9#

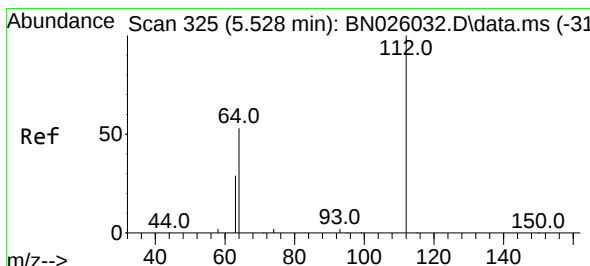
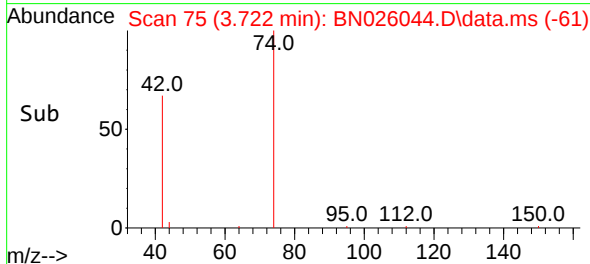
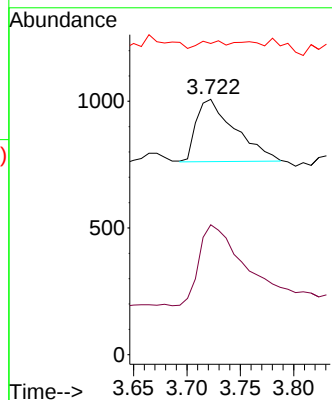
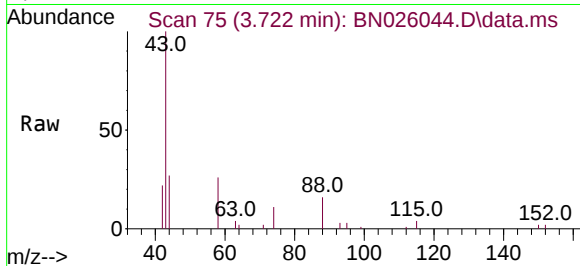




#3
n-Nitrosodimethylamine
Concen: 0.093 ng
RT: 3.722 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

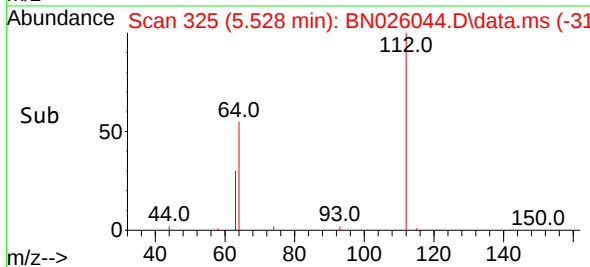
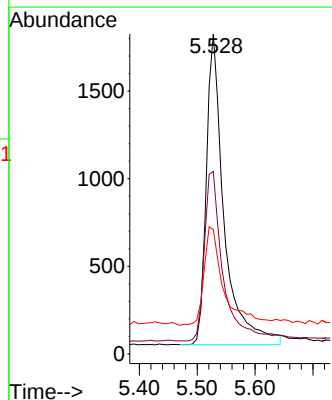
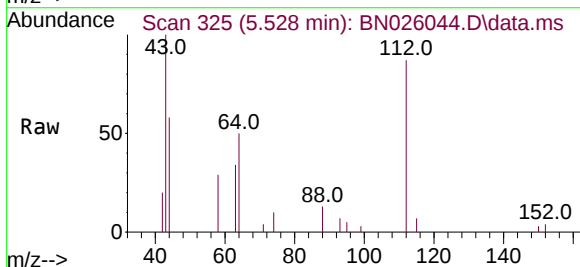
Instrument :
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ClientSampleId :
O3376-03MSDMSD

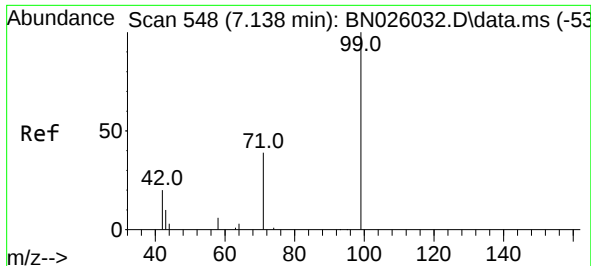
Tgt Ion: 42 Resp: 623
Ion Ratio Lower Upper
42 100
74 152.5 93.8 140.8#
44 7.1 3.0 4.4#



#4
2-Fluorophenol
Concen: 0.249 ng
RT: 5.528 min Scan# 325
Delta R.T. 0.000 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

Tgt Ion: 112 Resp: 3791
Ion Ratio Lower Upper
112 100
64 57.6 45.8 68.6
63 35.3 27.4 41.2

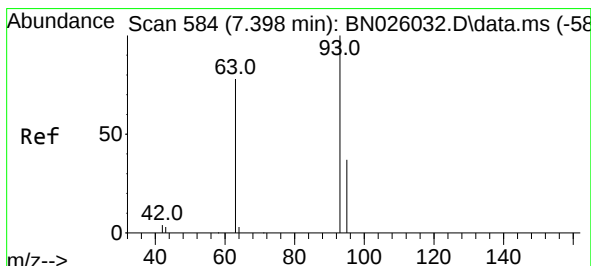
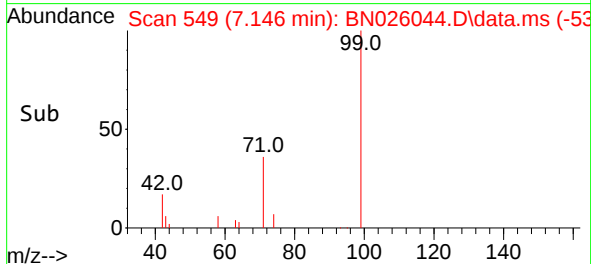
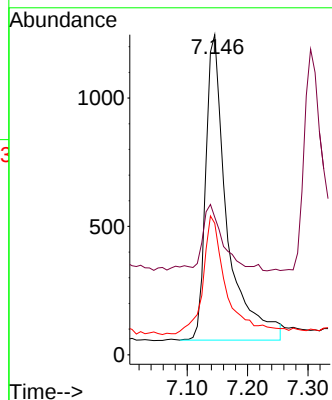
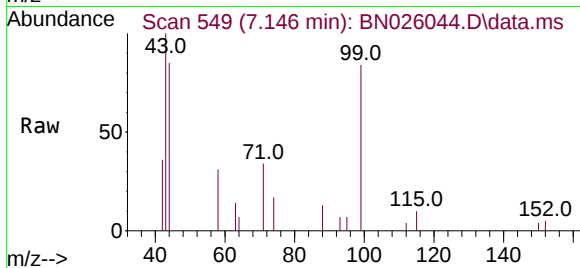




#5
Phenol-d6
Concen: 0.151 ng
RT: 7.146 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

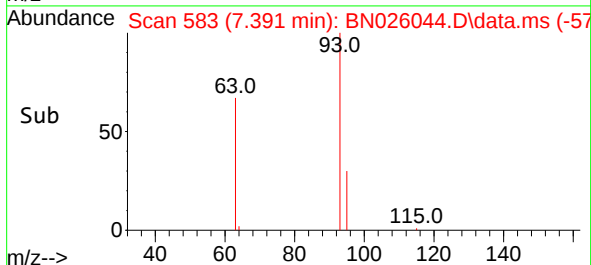
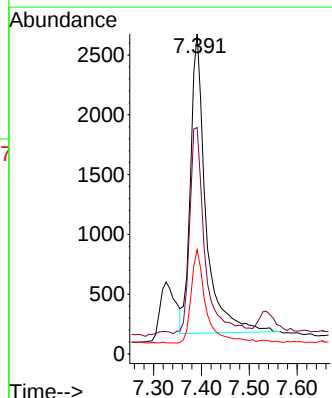
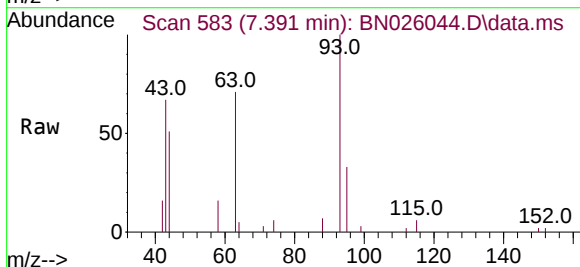
Instrument :
BNA_N
ClientSampleId :
O3376-03MSDMSD

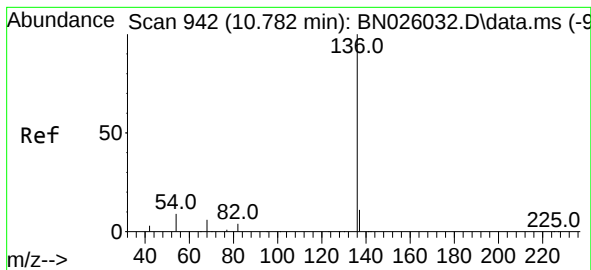
Tgt Ion:	99	Resp:	2925
Ion	Ratio	Lower	Upper
99	100		
42	21.8	18.4	27.6
71	42.6	30.6	46.0



#6
bis(2-Chloroethyl)ether
Concen: 0.349 ng
RT: 7.391 min Scan# 583
Delta R.T. -0.007 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

Tgt Ion:	93	Resp:	5568
Ion	Ratio	Lower	Upper
93	100		
63	68.4	58.8	88.2
95	30.3	29.2	43.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.782 min Scan# 94

Delta R.T. 0.000 min

Lab File: BN026044.D

Acq: 27 Jun 2023 19:24

Instrument :

BNA_N

ClientSampleId :

O3376-03MSDMSD

Tgt Ion:136 Resp: 18529

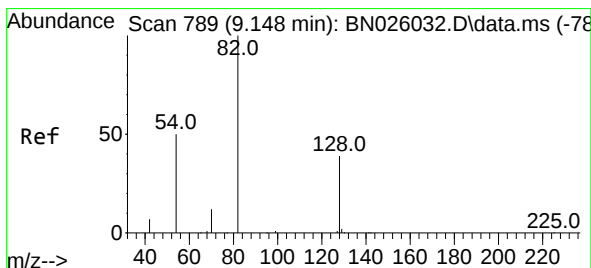
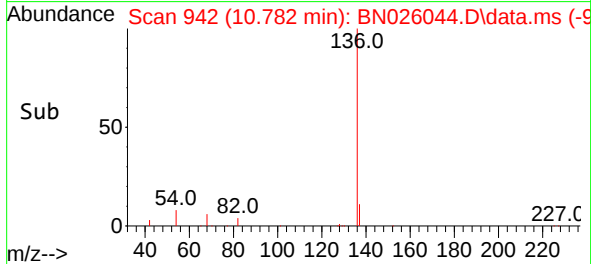
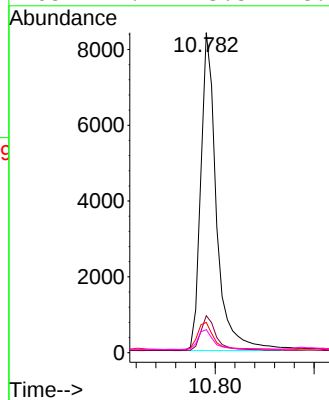
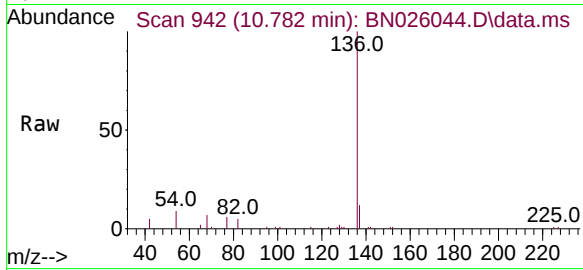
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 9.5 7.8 11.6

68 7.2 5.8 8.8



#8

Nitrobenzene-d5

Concen: 0.467 ng

RT: 9.138 min Scan# 788

Delta R.T. -0.011 min

Lab File: BN026044.D

Acq: 27 Jun 2023 19:24

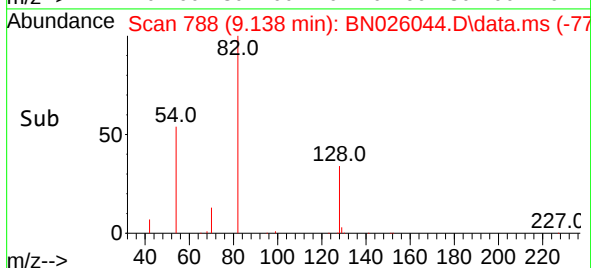
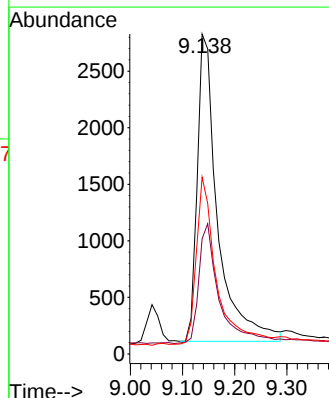
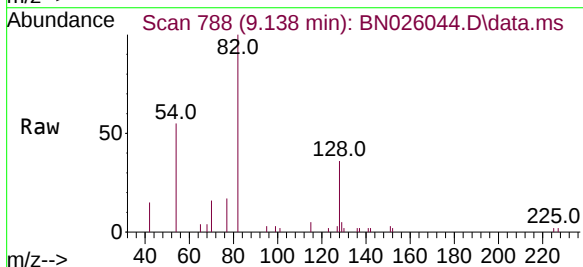
Tgt Ion: 82 Resp: 7408

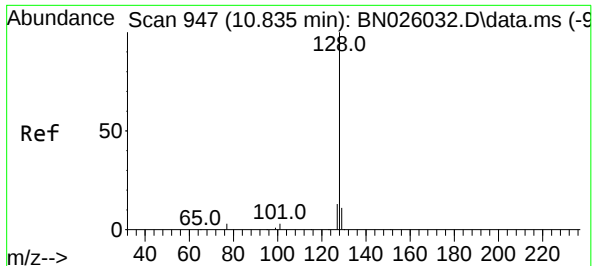
Ion Ratio Lower Upper

82 100

128 36.0 33.4 50.2

54 55.2 41.7 62.5

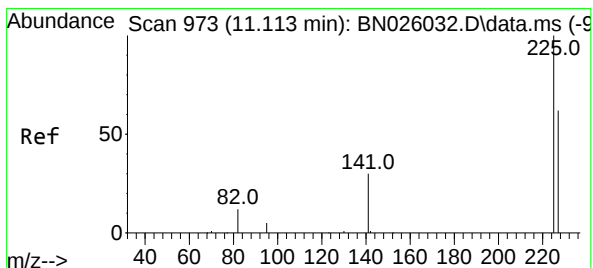
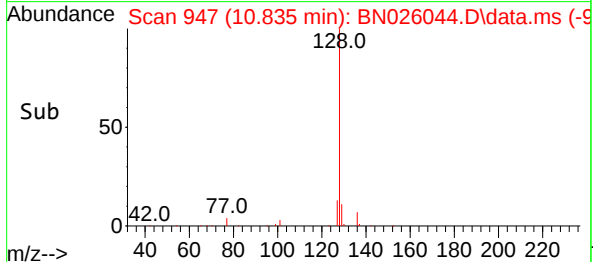
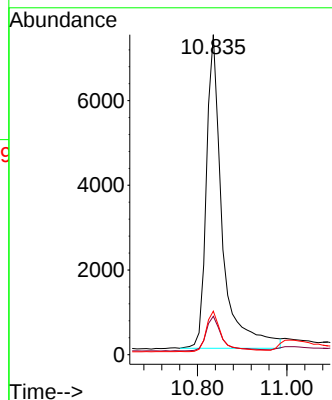
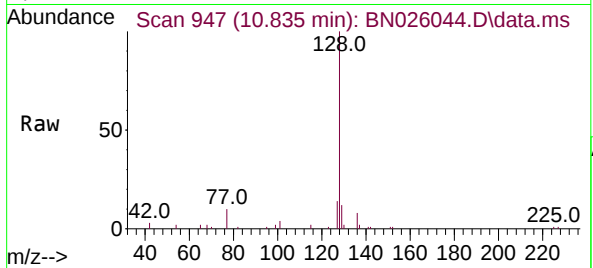




#9
Naphthalene
Concen: 0.365 ng
RT: 10.835 min Scan# 947
Delta R.T. 0.000 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

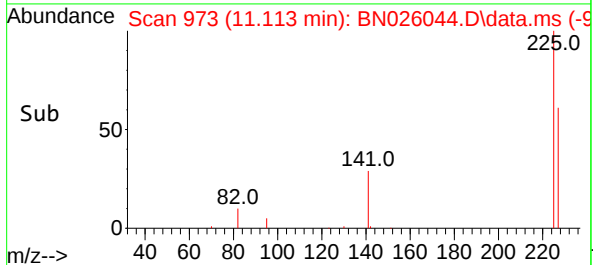
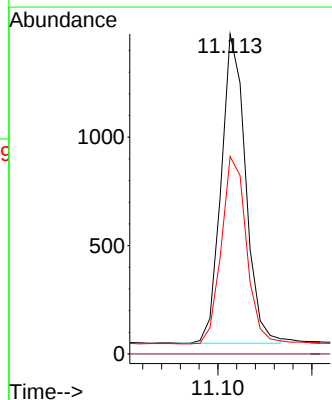
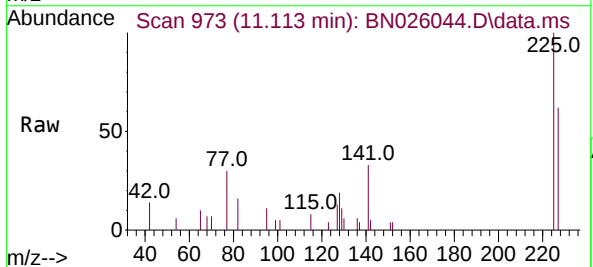
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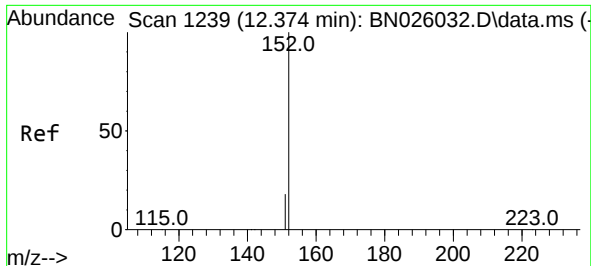
Tgt Ion:128 Resp: 18328
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.6 10.9 16.3



#10
Hexachlorobutadiene
Concen: 0.265 ng
RT: 11.113 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

Tgt Ion:225 Resp: 2570
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 62.4 50.3 75.5

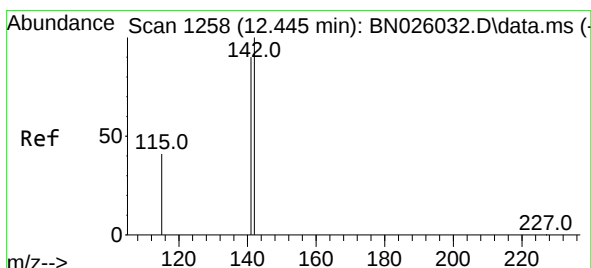
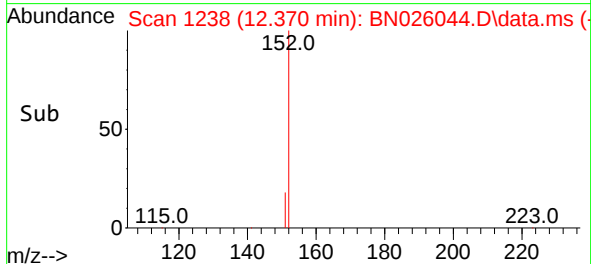
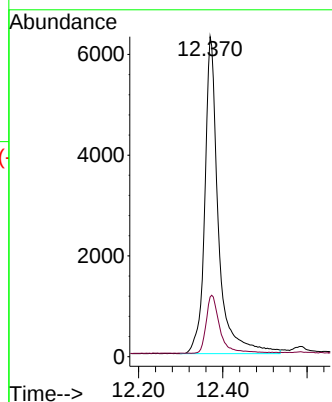
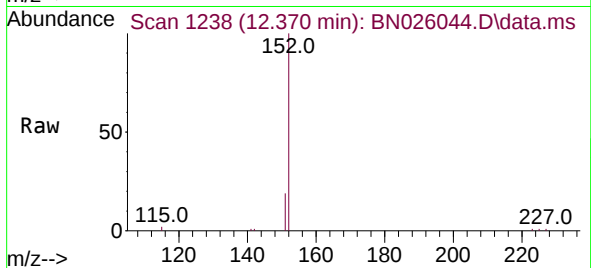




#11
2-Methylnaphthalene-d10
Concen: 0.519 ng
RT: 12.370 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

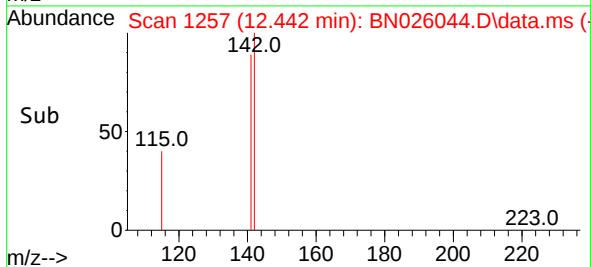
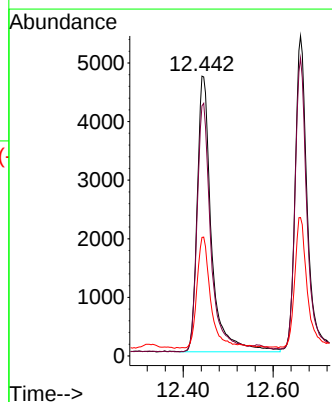
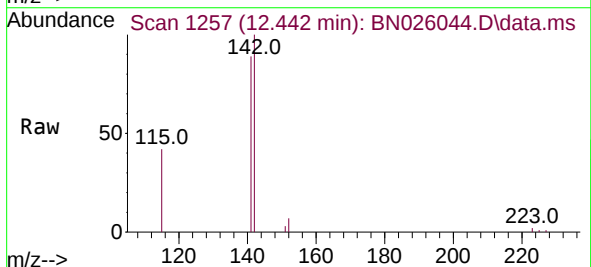
Instrument :
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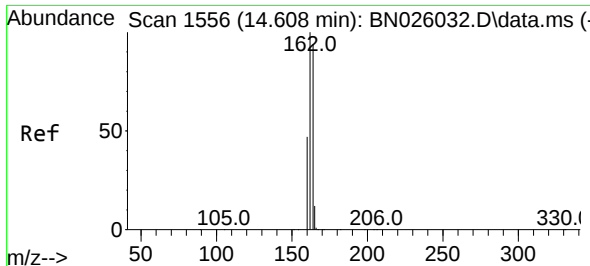
Tgt Ion:152 Resp: 14074
Ion Ratio Lower Upper
152 100
151 18.6 16.2 24.2



#12
2-Methylnaphthalene
Concen: 0.293 ng
RT: 12.442 min Scan# 1257
Delta R.T. -0.004 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

Tgt Ion:142 Resp: 10344
Ion Ratio Lower Upper
142 100
141 89.4 71.7 107.5
115 42.4 33.4 50.0

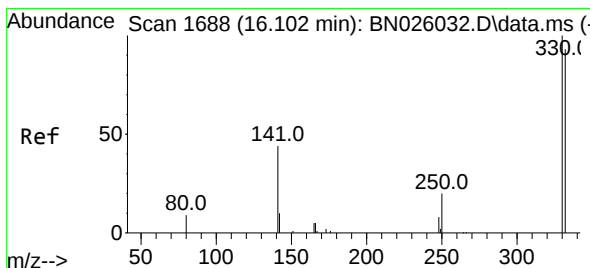
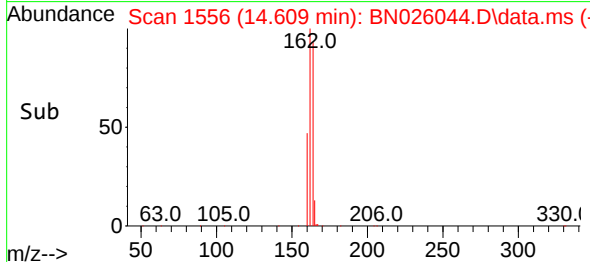
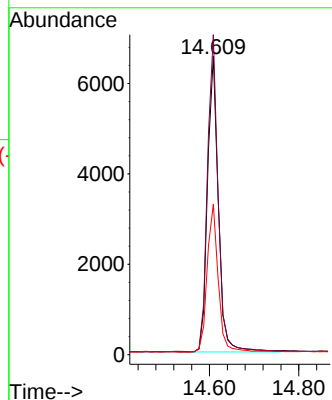
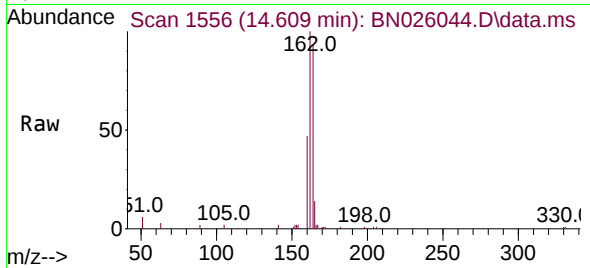




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.609 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

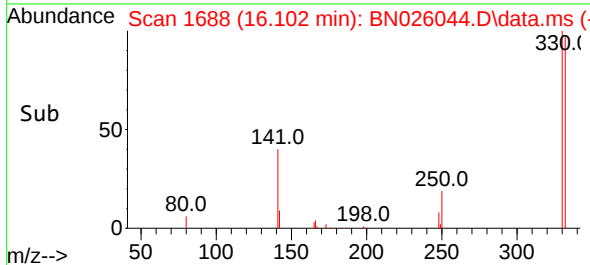
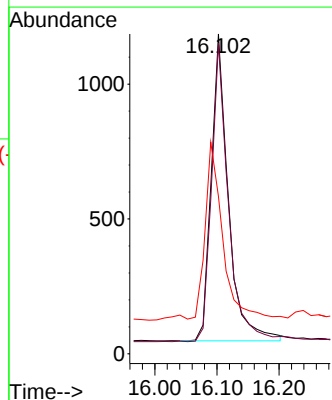
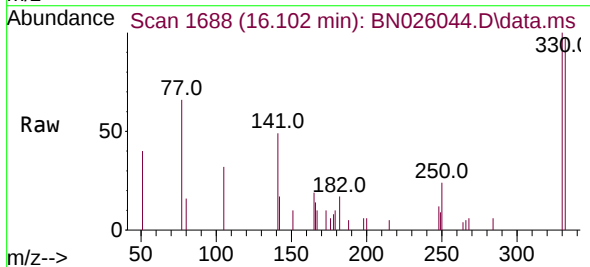
Instrument :
BNA_N
ClientSampleId :
O3376-03MSDMSD

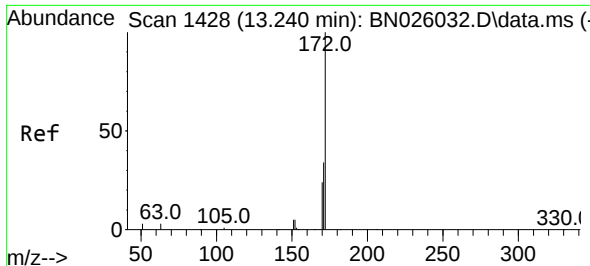
Tgt Ion:164 Resp: 11037
Ion Ratio Lower Upper
164 100
162 107.2 85.3 127.9
160 50.4 40.0 60.0



#14
2,4,6-Tribromophenol
Concen: 0.545 ng
RT: 16.102 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

Tgt Ion:330 Resp: 2187
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 58.1 42.8 64.2

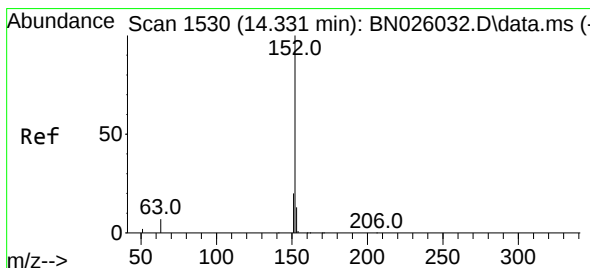
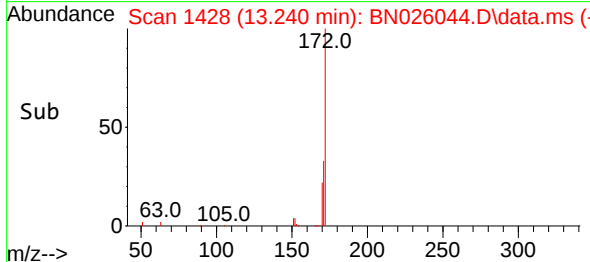
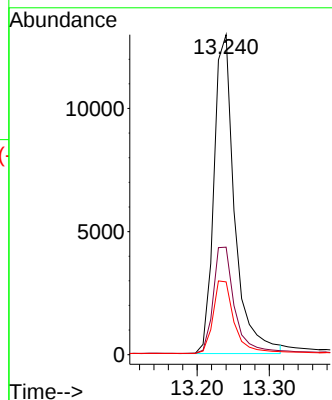
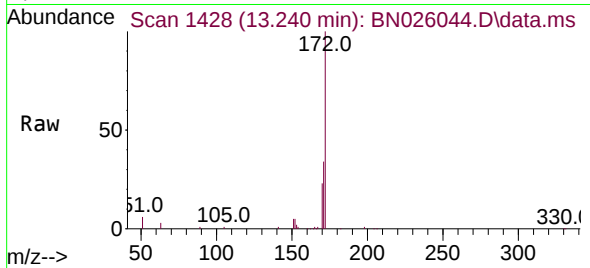




#15
2-Fluorobiphenyl
Concen: 0.604 ng
RT: 13.240 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

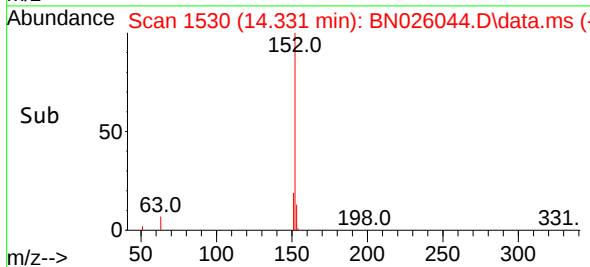
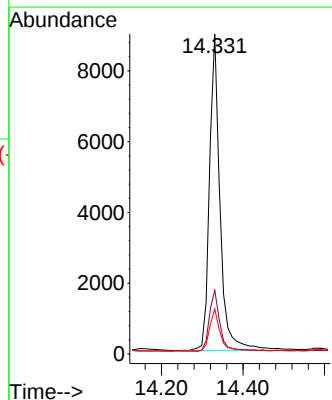
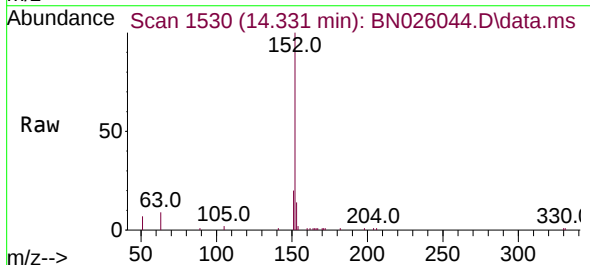
Instrument :
BNA_N
ClientSampleId :
O3376-03MSDMSD

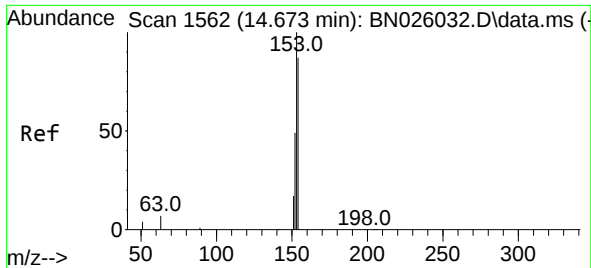
Tgt Ion:	172	Resp:	25754
Ion Ratio	Lower	Upper	
172	100		
171	33.6	27.8	41.8
170	22.7	19.3	28.9



#16
Acenaphthylene
Concen: 0.312 ng
RT: 14.331 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

Tgt Ion:	152	Resp:	16170
Ion Ratio	Lower	Upper	
152	100		
151	19.4	15.9	23.9
153	13.4	10.6	15.8

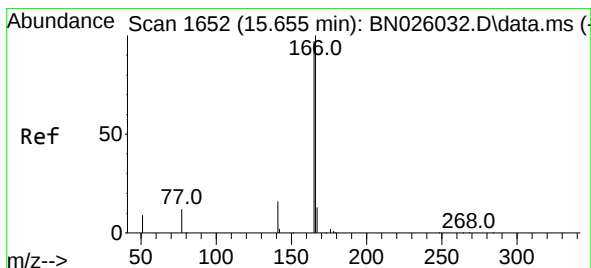
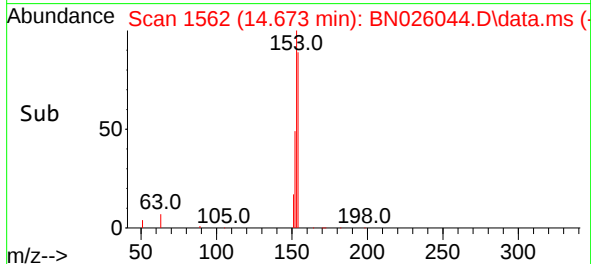
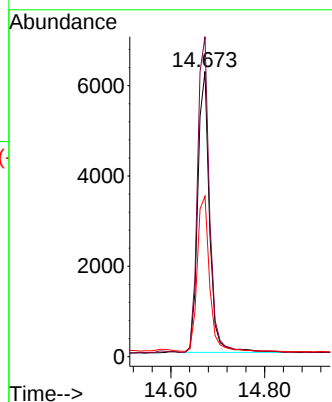
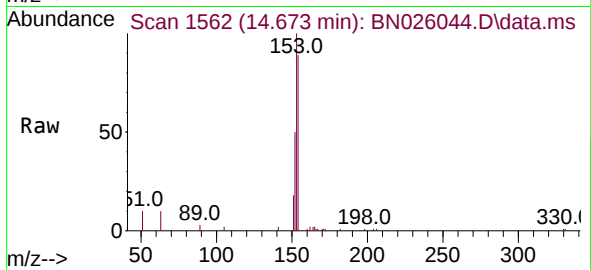




#17
Acenaphthene
Concen: 0.324 ng
RT: 14.673 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

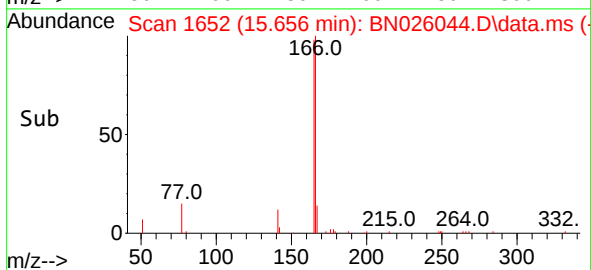
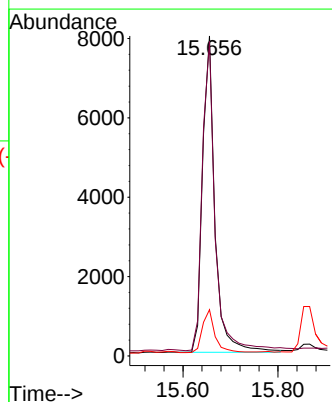
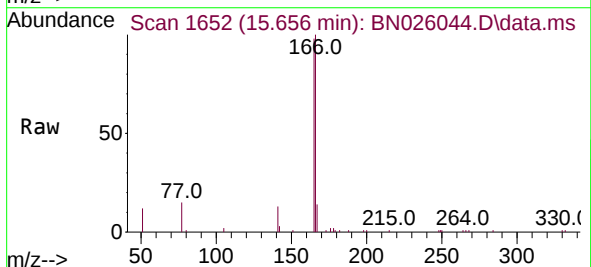
Instrument :
BNA_N
ClientSampleId :
O3376-03MSDMSD

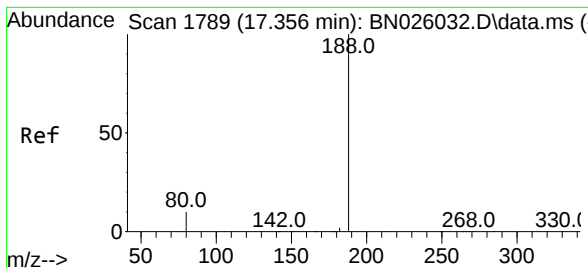
Tgt Ion:154 Resp: 10814
Ion Ratio Lower Upper
154 100
153 115.1 94.4 141.6
152 57.5 46.1 69.1



#18
Fluorene
Concen: 0.333 ng
RT: 15.656 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

Tgt Ion:166 Resp: 14512
Ion Ratio Lower Upper
166 100
165 99.7 79.7 119.5
167 13.7 10.6 16.0

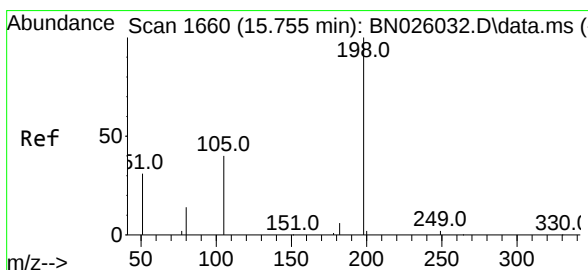
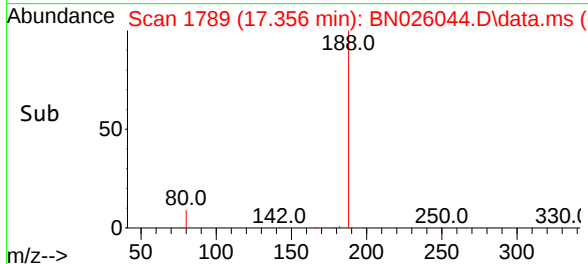
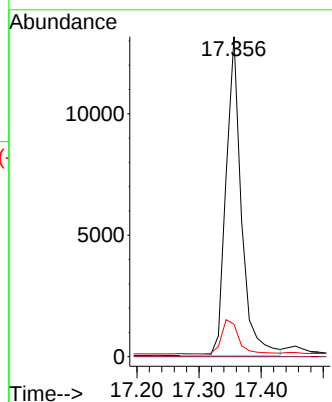
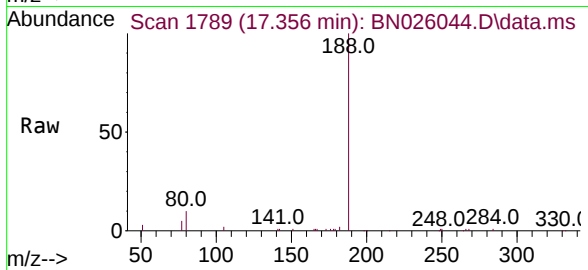




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.356 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

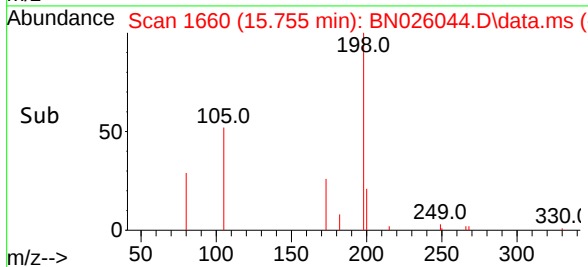
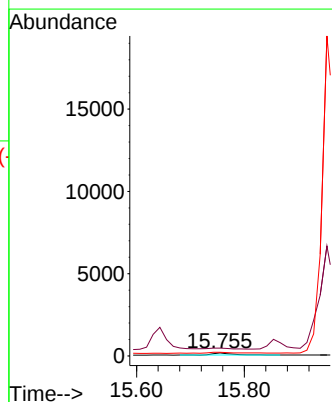
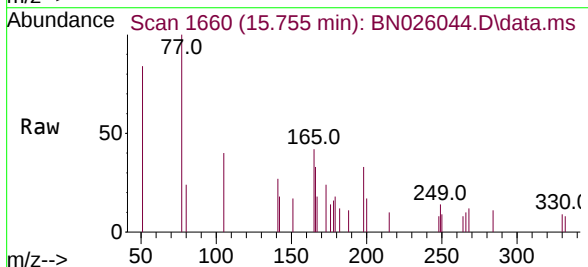
Instrument :
BNA_N
ClientSampleId :
O3376-03MSDMSD

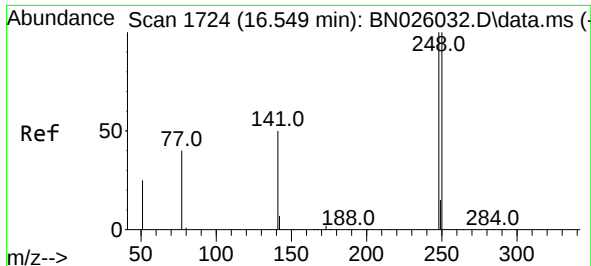
Tgt Ion:188 Resp: 22375
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 8.6 13.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.158 ng
RT: 15.755 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

Tgt Ion:198 Resp: 326
Ion Ratio Lower Upper
198 100
51 257.5 85.8 128.8#
105 123.1 48.2 72.2#

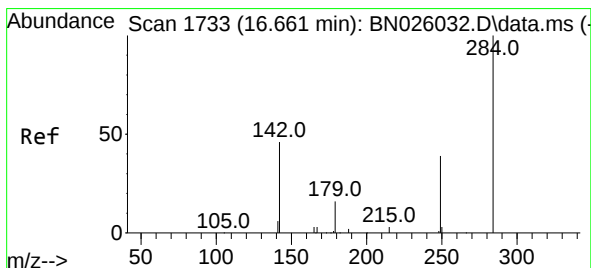
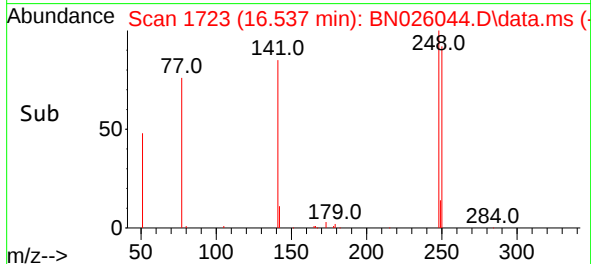
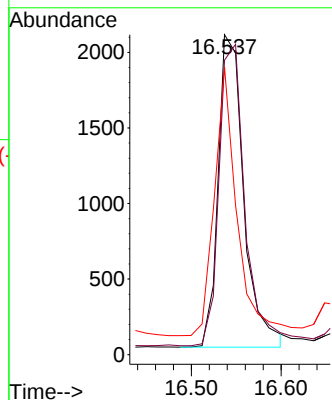
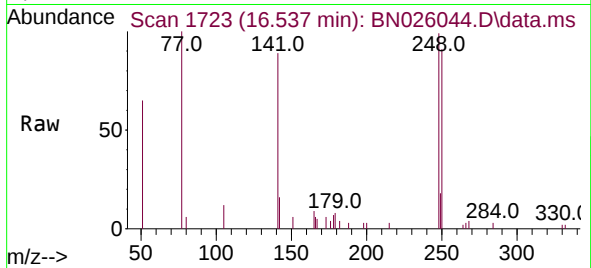




#21
4-Bromophenyl-phenylether
Concen: 0.322 ng
RT: 16.537 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

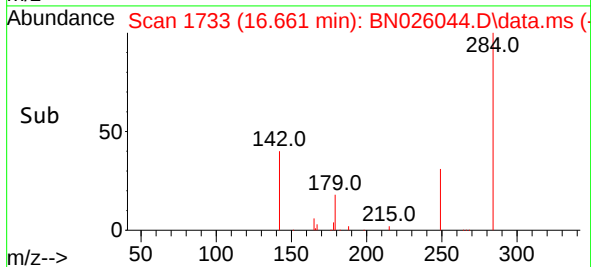
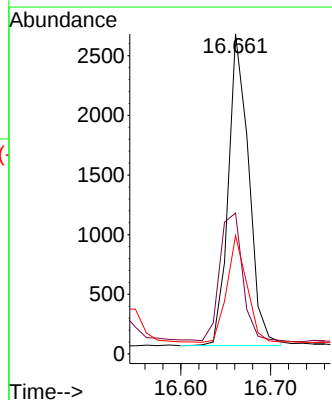
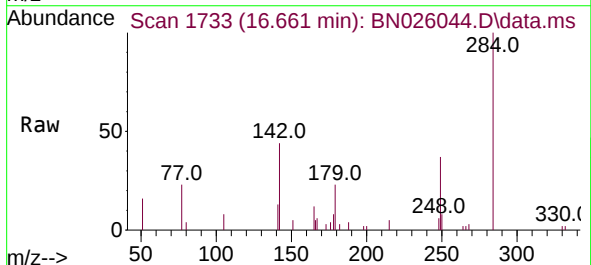
Instrument :
BNA_N
ClientSampleId :
O3376-03MSDMSD

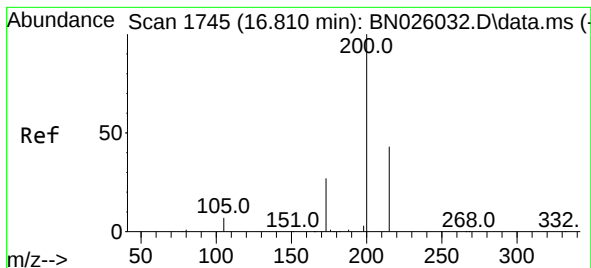
Tgt Ion:248 Resp: 4108
Ion Ratio Lower Upper
248 100
250 92.1 79.9 119.9
141 89.9 41.6 62.4#



#22
Hexachlorobenzene
Concen: 0.323 ng
RT: 16.661 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

Tgt Ion:284 Resp: 4137
Ion Ratio Lower Upper
284 100
142 45.3 38.7 58.1
249 33.1 28.5 42.7





#23

Atrazine

Concen: 0.366 ng

RT: 16.810 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN026044.D

Acq: 27 Jun 2023 19:24

Instrument :

BNA_N

ClientSampleId :

O3376-03MSDMSD

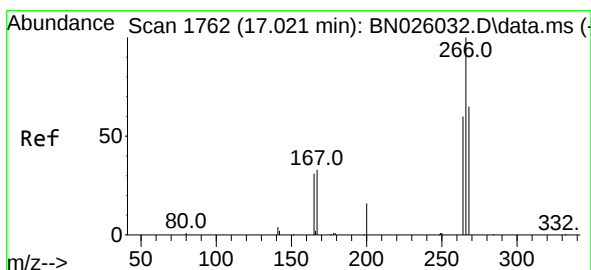
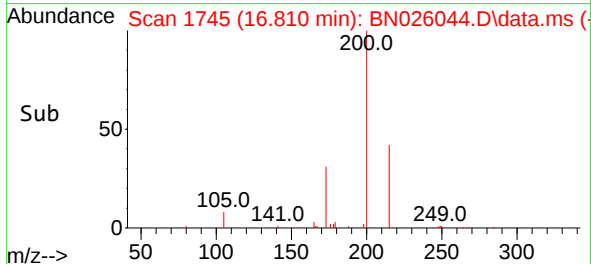
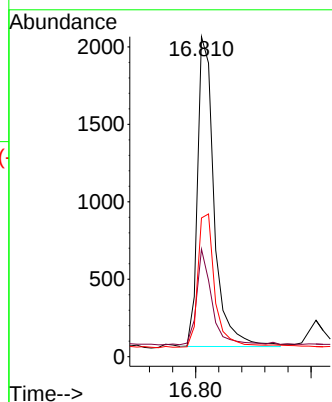
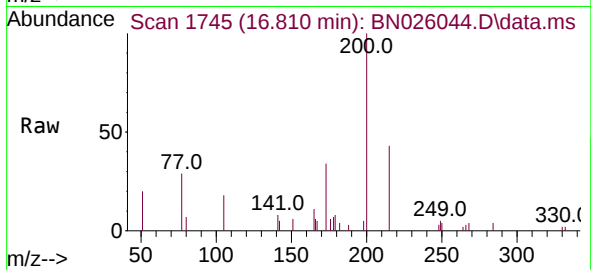
Tgt Ion:200 Resp: 4011

Ion Ratio Lower Upper

200 100

173 33.6 22.9 34.3

215 43.4 35.5 53.3



#24

Pentachlorophenol

Concen: 0.250 ng

RT: 17.009 min Scan# 1761

Delta R.T. -0.012 min

Lab File: BN026044.D

Acq: 27 Jun 2023 19:24

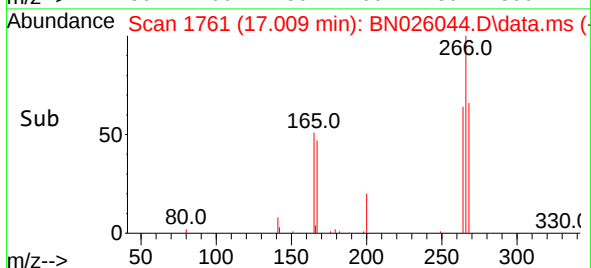
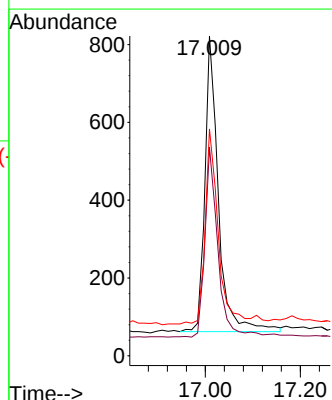
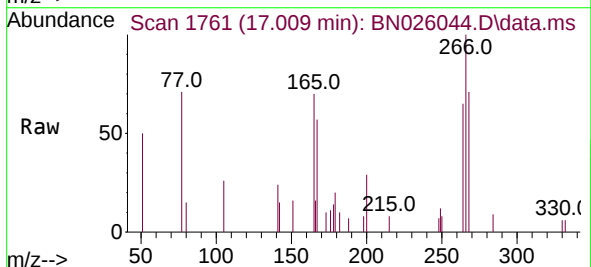
Tgt Ion:266 Resp: 1507

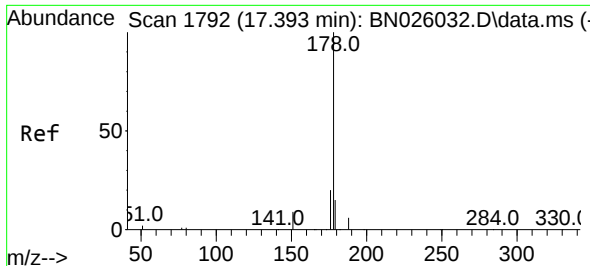
Ion Ratio Lower Upper

266 100

264 61.6 49.3 73.9

268 63.2 48.3 72.5

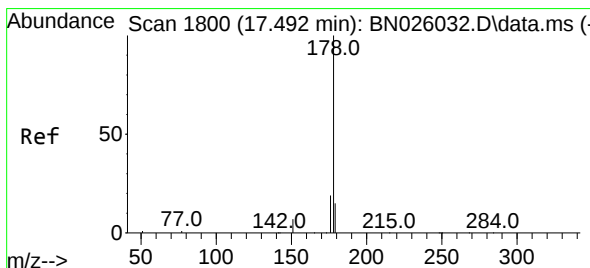
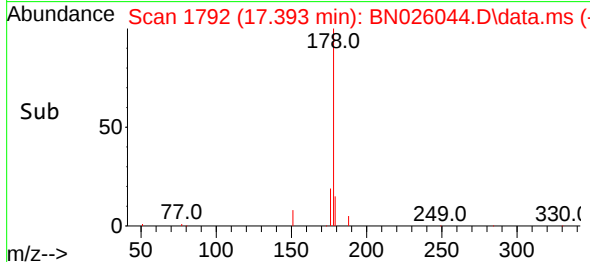
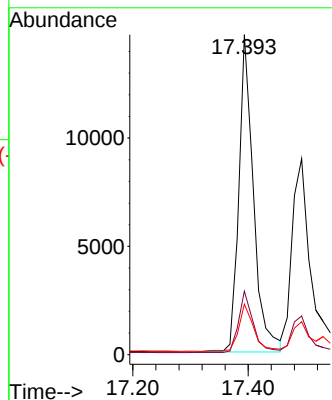
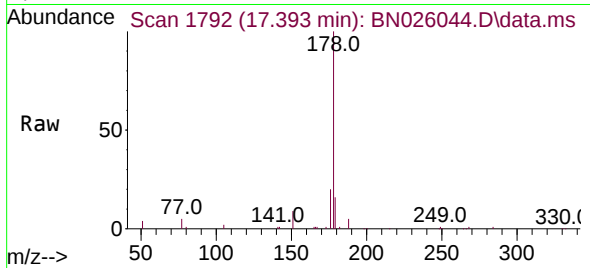




#25
 Phenanthrene
 Concen: 0.393 ng
 RT: 17.393 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: BN026044.D
 Acq: 27 Jun 2023 19:24

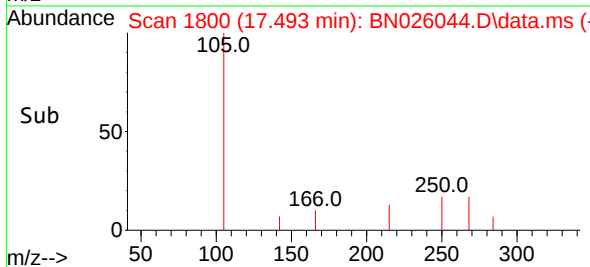
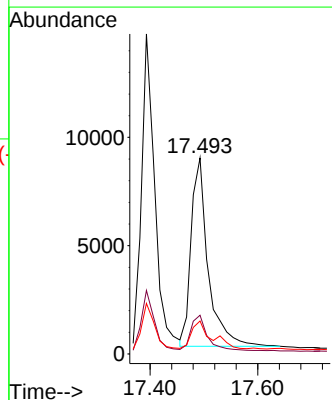
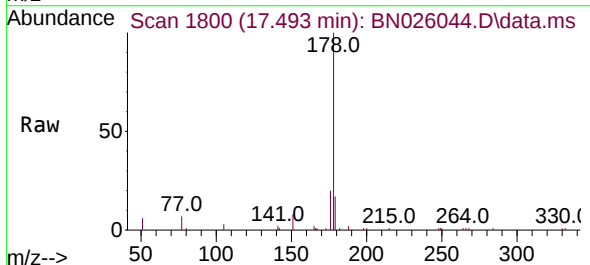
Instrument :
 BNA_N
 ClientSampleId :
 O3376-03MSDMSD

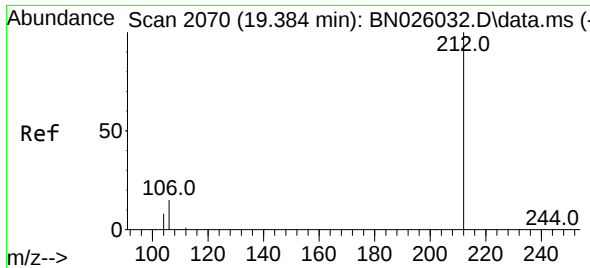
Tgt Ion:178 Resp: 25741
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.3 12.3 18.5



#26
 Anthracene
 Concen: 0.324 ng
 RT: 17.493 min Scan# 1800
 Delta R.T. 0.000 min
 Lab File: BN026044.D
 Acq: 27 Jun 2023 19:24

Tgt Ion:178 Resp: 19114
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.0 22.4
 179 17.8 12.4 18.6

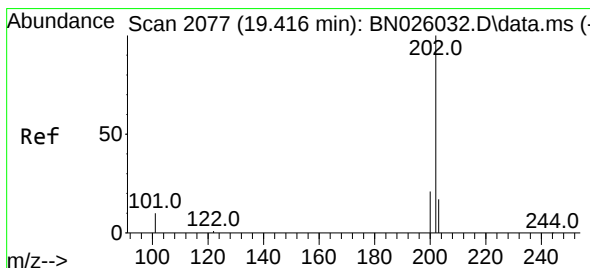
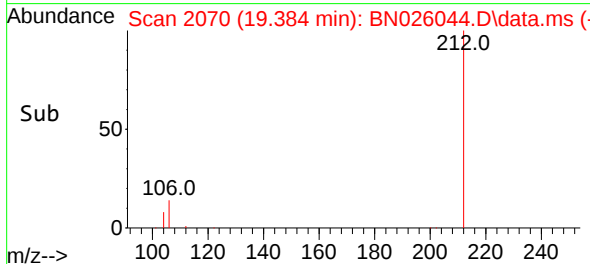
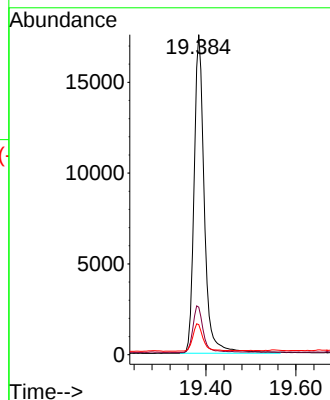
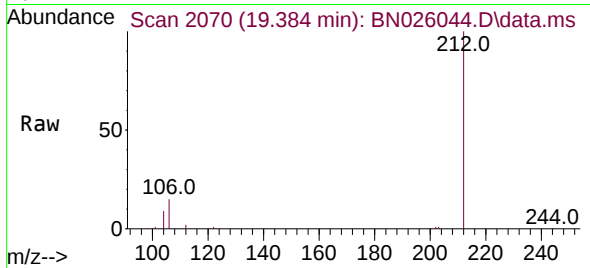




#27
Fluoranthene-d10
Concen: 0.587 ng
RT: 19.384 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

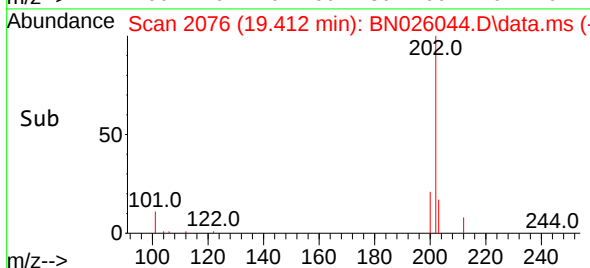
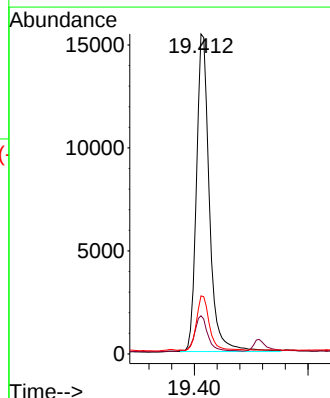
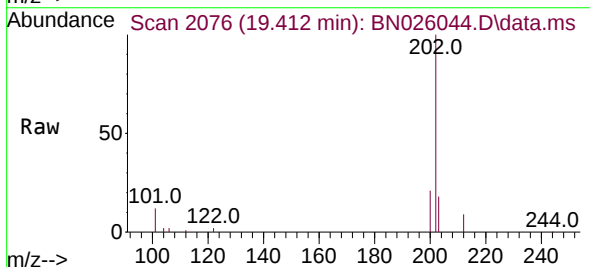
Instrument :
BNA_N
ClientSampleId :
O3376-03MSDMSD

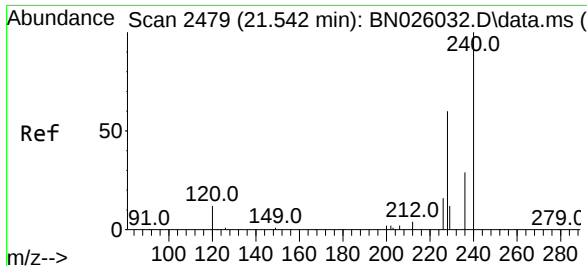
Tgt Ion:212 Resp: 27816
Ion Ratio Lower Upper
212 100
106 14.9 11.6 17.4
104 8.7 7.2 10.8



#28
Fluoranthene
Concen: 0.353 ng
RT: 19.412 min Scan# 2076
Delta R.T. -0.005 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

Tgt Ion:202 Resp: 24331
Ion Ratio Lower Upper
202 100
101 12.0 8.3 12.5
203 17.1 13.5 20.3

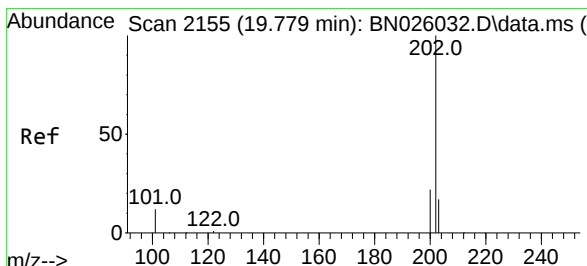
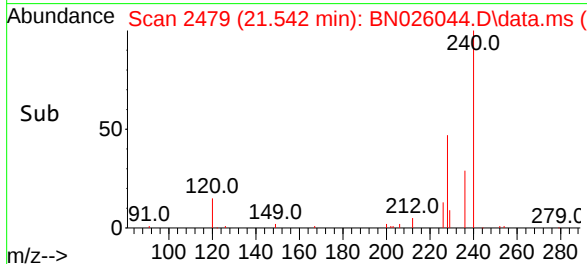
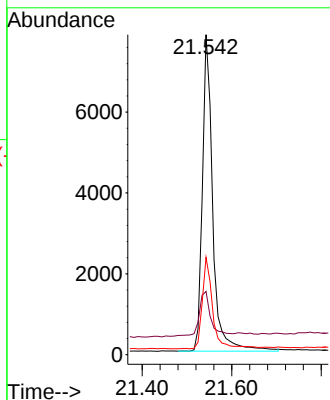
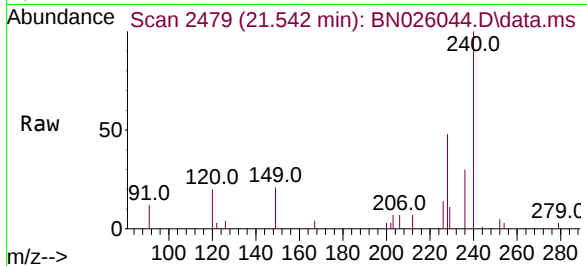




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.542 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

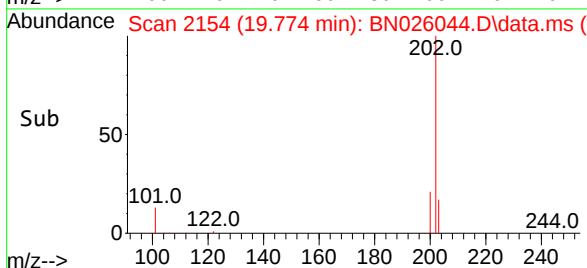
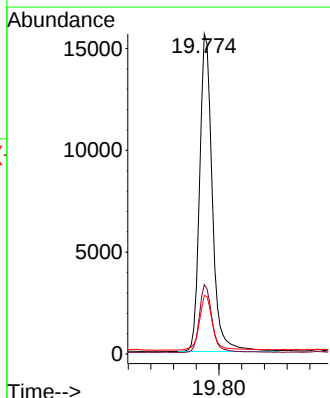
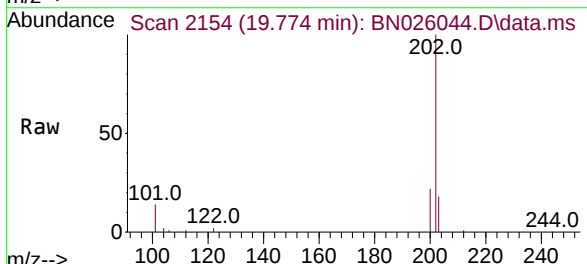
Instrument :
BNA_N
ClientSampleId :
O3376-03MSDMSD

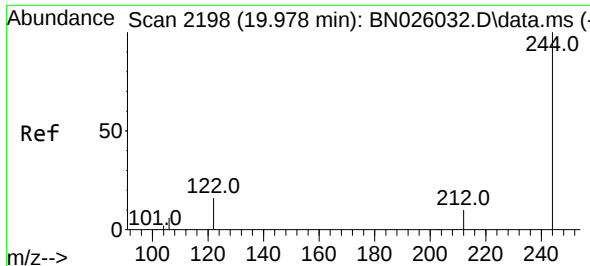
Tgt Ion:240 Resp: 12615
Ion Ratio Lower Upper
240 100
120 19.8 14.6 22.0
236 30.4 24.2 36.2



#30
Pyrene
Concen: 0.346 ng
RT: 19.774 min Scan# 2154
Delta R.T. -0.005 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

Tgt Ion:202 Resp: 24176
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 18.1 14.2 21.4

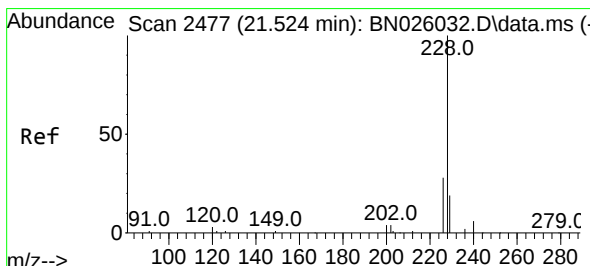
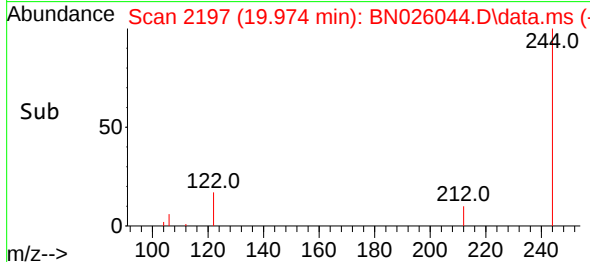
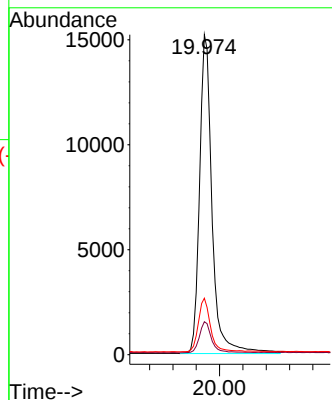
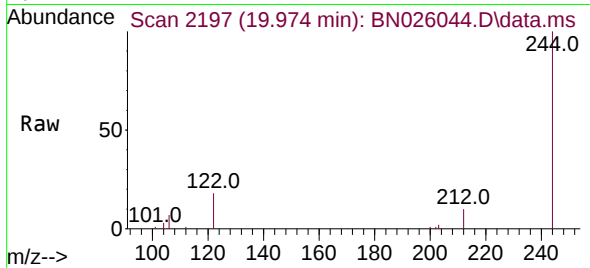




#31
 Terphenyl-d14
 Concen: 0.701 ng
 RT: 19.974 min Scan# 2197
 Delta R.T. -0.005 min
 Lab File: BN026044.D
 Acq: 27 Jun 2023 19:24

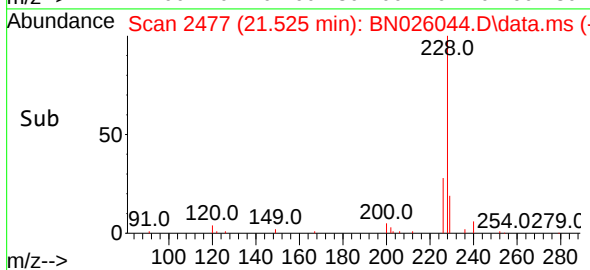
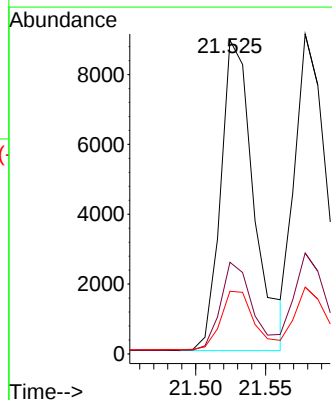
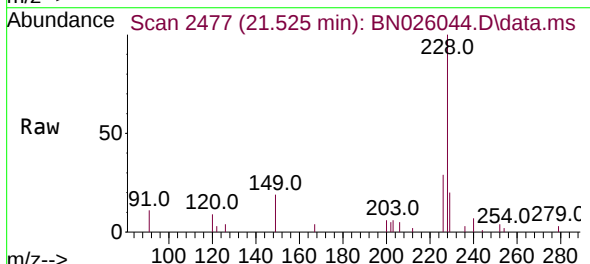
Instrument :
 BNA_N
 ClientSampleId :
 O3376-03MSDMSD

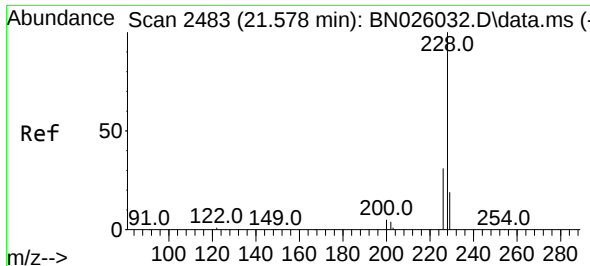
Tgt Ion:244 Resp: 22638
 Ion Ratio Lower Upper
 244 100
 212 10.3 8.7 13.1
 122 17.6 13.7 20.5



#32
 Benzo(a)anthracene
 Concen: 0.324 ng
 RT: 21.525 min Scan# 2477
 Delta R.T. 0.000 min
 Lab File: BN026044.D
 Acq: 27 Jun 2023 19:24

Tgt Ion:228 Resp: 14705
 Ion Ratio Lower Upper
 228 100
 226 29.2 23.0 34.6
 229 20.0 15.9 23.9





#33

Chrysene

Concen: 0.292 ng

RT: 21.578 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BN026044.D

Acq: 27 Jun 2023 19:24

Instrument :

BNA_N

ClientSampleId :

O3376-03MSDMSD

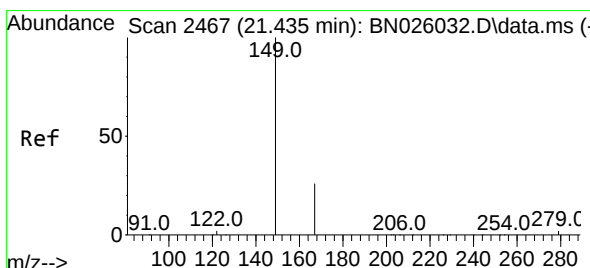
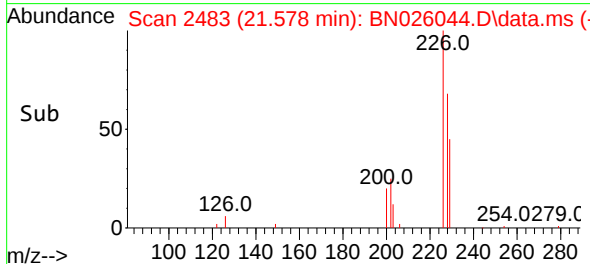
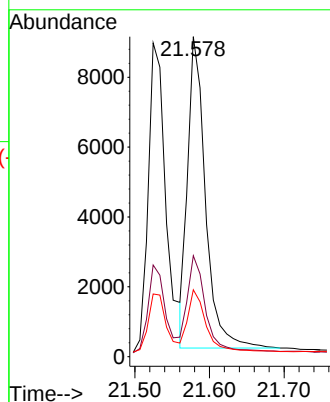
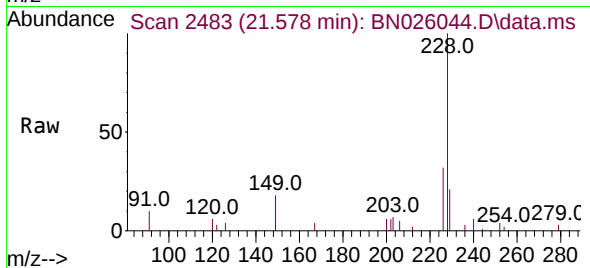
Tgt Ion:228 Resp: 14779

Ion Ratio Lower Upper

228 100

226 31.5 24.8 37.2

229 20.9 15.6 23.4



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.328 ng

RT: 21.435 min Scan# 2467

Delta R.T. 0.000 min

Lab File: BN026044.D

Acq: 27 Jun 2023 19:24

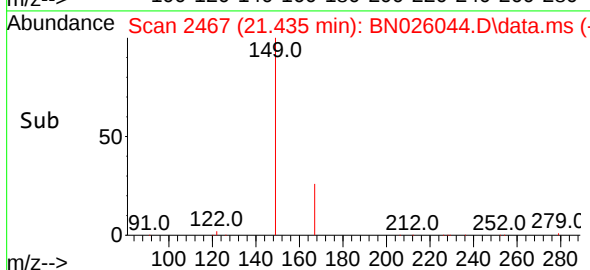
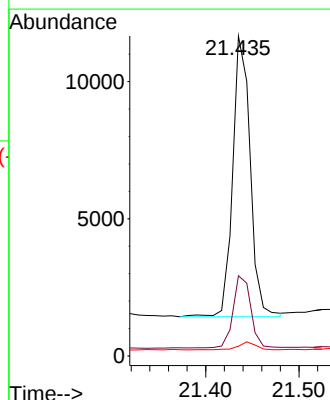
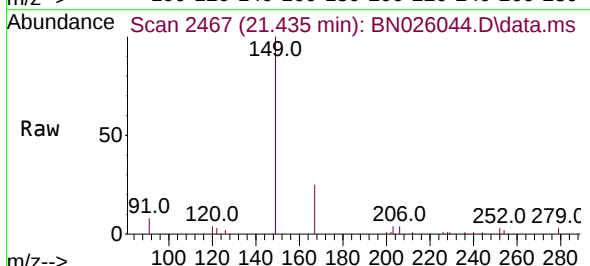
Tgt Ion:149 Resp: 13296

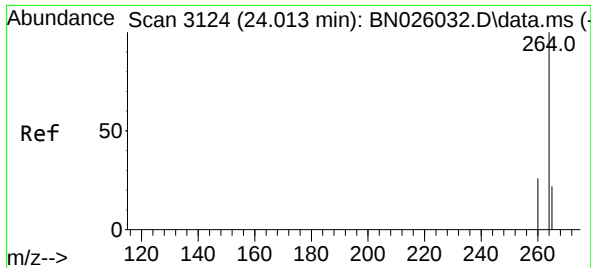
Ion Ratio Lower Upper

149 100

167 26.3 20.2 30.4

279 2.9 2.4 3.6



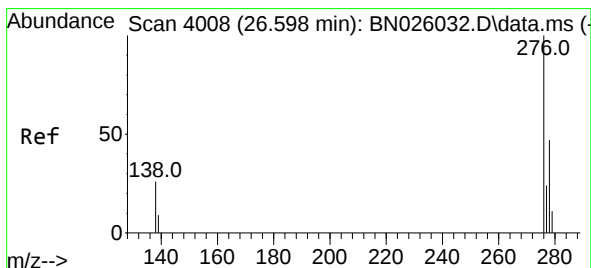
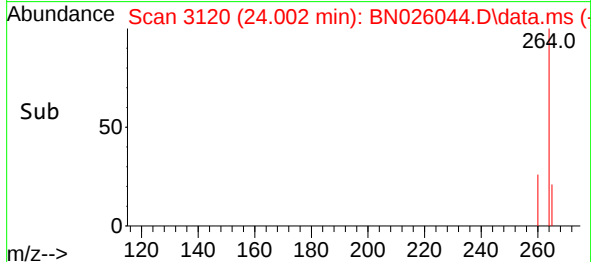
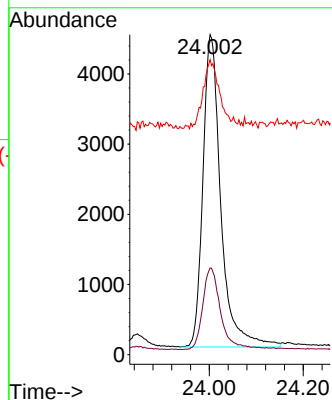
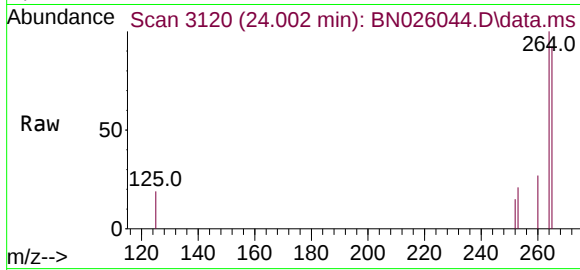


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.002 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

Instrument :
BNA_N
ClientSampleId :
O3376-03MSDMSD

Tgt Ion:264 Resp: 11794

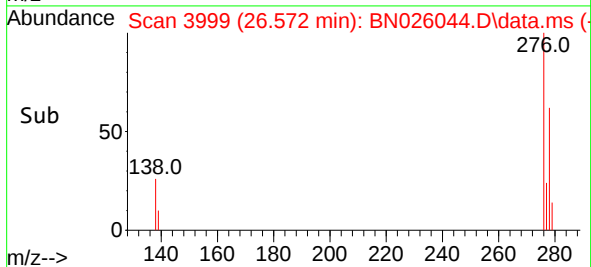
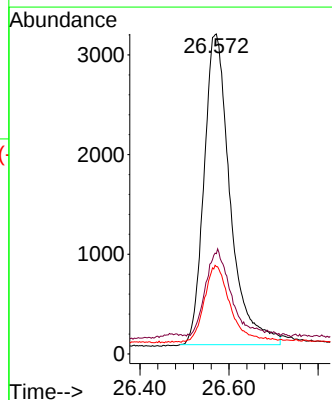
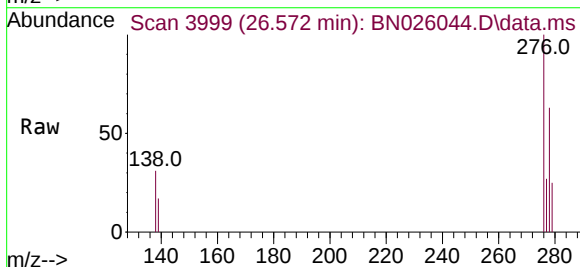
Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.9	32.9
265	92.2	80.3	120.5

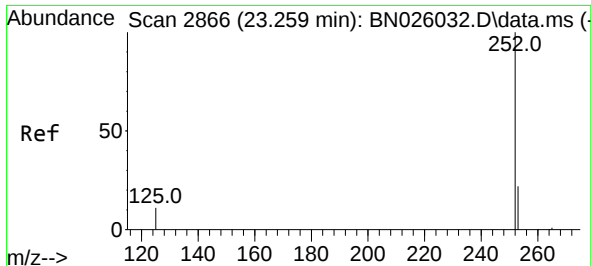


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.262 ng
RT: 26.572 min Scan# 3999
Delta R.T. -0.026 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

Tgt Ion:276 Resp: 12694

Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.4	32.2
277	24.2	19.6	29.4





#37

Benzo(b)fluoranthene

Concen: 0.282 ng

RT: 23.253 min Scan# 2864

Delta R.T. -0.006 min

Lab File: BN026044.D

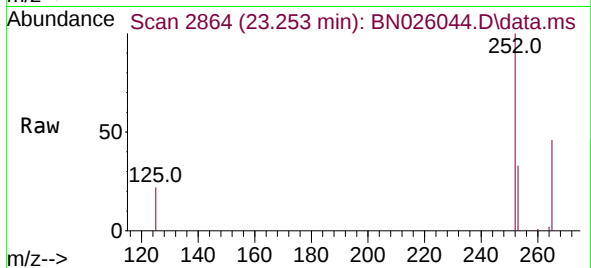
Acq: 27 Jun 2023 19:24

Instrument :

BNA_N

ClientSampleId :

O3376-03MSDMSD



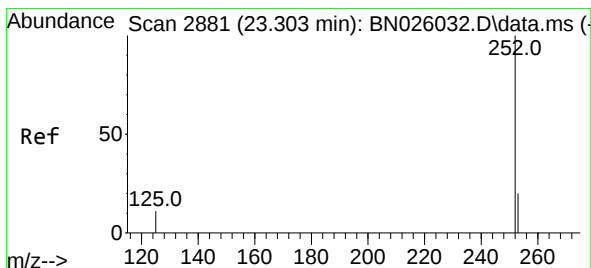
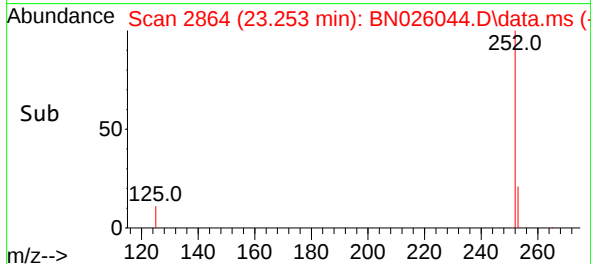
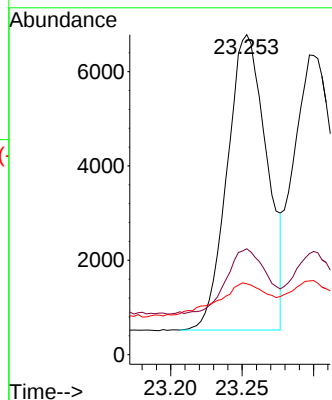
Tgt Ion:252 Resp: 12061

Ion Ratio Lower Upper

252 100

253 33.1 24.1 36.1

125 22.2 15.4 23.0



#38

Benzo(k)fluoranthene

Concen: 0.253 ng

RT: 23.297 min Scan# 2879

Delta R.T. -0.006 min

Lab File: BN026044.D

Acq: 27 Jun 2023 19:24

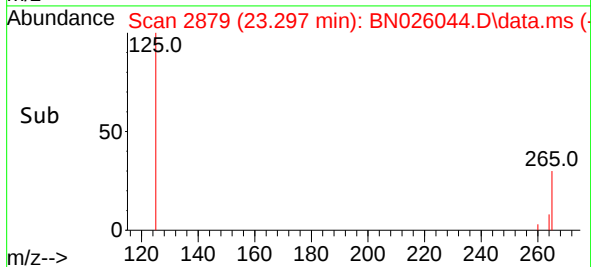
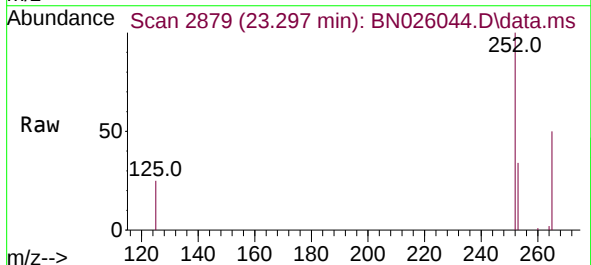
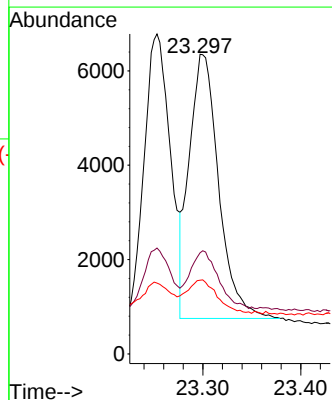
Tgt Ion:252 Resp: 11722

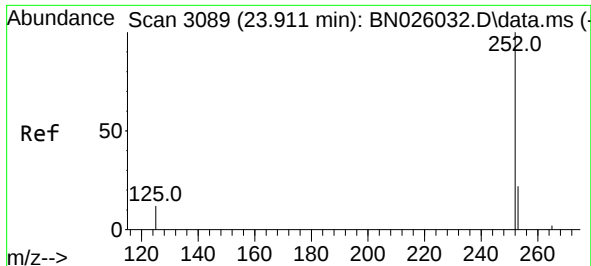
Ion Ratio Lower Upper

252 100

253 33.7 23.6 35.4

125 24.6 15.8 23.8#





#39

Benzo(a)pyrene

Concen: 0.236 ng

RT: 23.893 min Scan# 30

Delta R.T. -0.017 min

Lab File: BN026044.D

Acq: 27 Jun 2023 19:24

Instrument :

BNA_N

ClientSampleId :

O3376-03MSDMSD

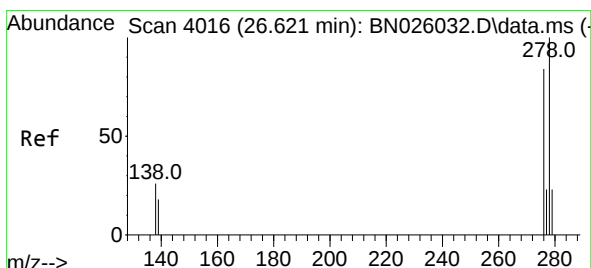
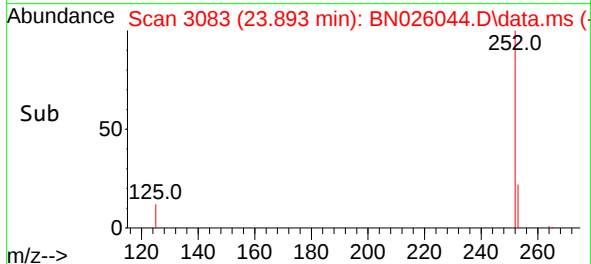
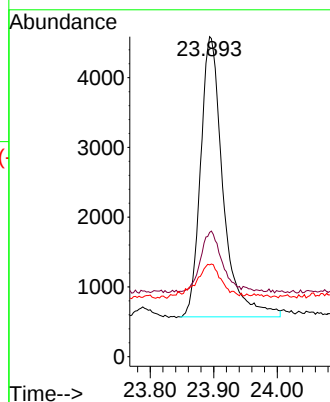
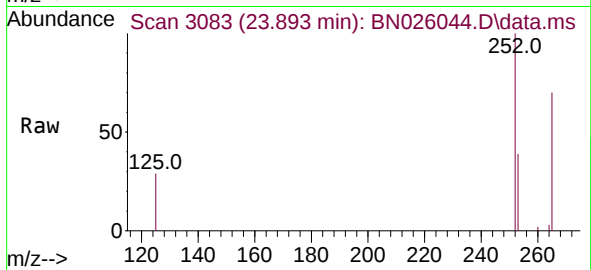
Tgt Ion:252 Resp: 9902

Ion Ratio Lower Upper

252 100

253 38.8 26.2 39.4

125 28.7 18.7 28.1#



#40

Dibenzo(a,h)anthracene

Concen: 0.252 ng

RT: 26.589 min Scan# 4005

Delta R.T. -0.032 min

Lab File: BN026044.D

Acq: 27 Jun 2023 19:24

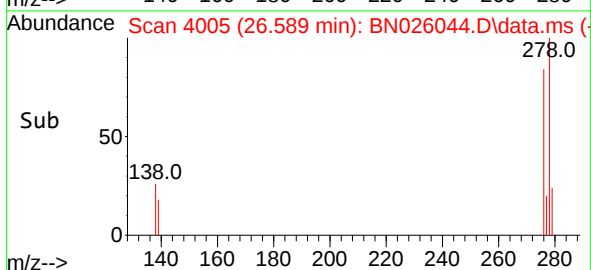
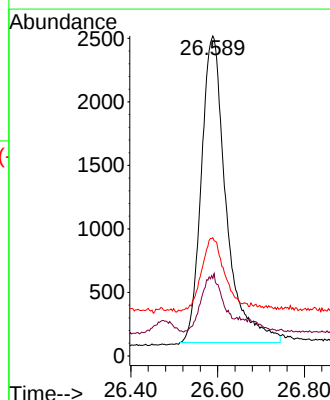
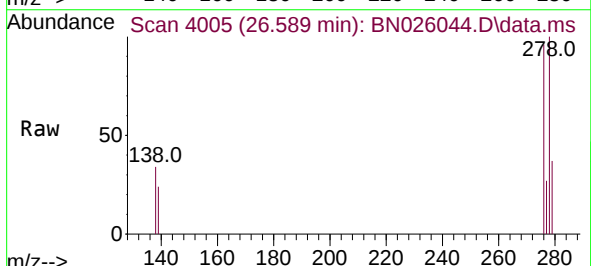
Tgt Ion:278 Resp: 9566

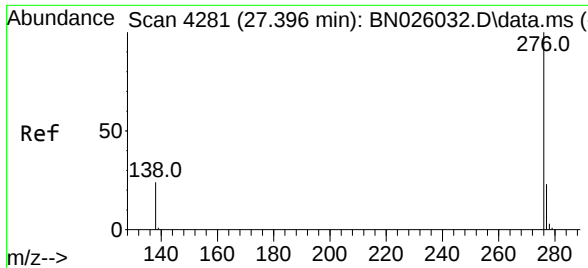
Ion Ratio Lower Upper

278 100

139 24.2 18.1 27.1

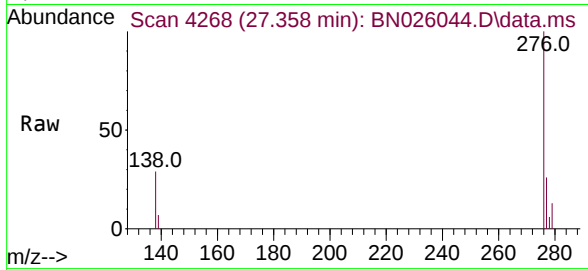
279 37.0 25.4 38.0





#41
Benzo(g,h,i)perylene
Concen: 0.260 ng
RT: 27.358 min Scan# 41
Delta R.T. -0.038 min
Lab File: BN026044.D
Acq: 27 Jun 2023 19:24

Instrument :
BNA_N
ClientSampleId :
O3376-03MSDMSD



Tgt Ion:276 Resp: 11478

Ion	Ratio	Lower	Upper
276	100		
277	26.0	20.3	30.5
138	29.1	21.5	32.3

