

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
 Data File : BN023040.D
 Acq On : 02 Dec 2022 06:08
 Operator : CG/JU
 Sample : N5757-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP03-20221121

Quant Time: Dec 02 06:55:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 02:30:10 2022
 Response via : Initial Calibration

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

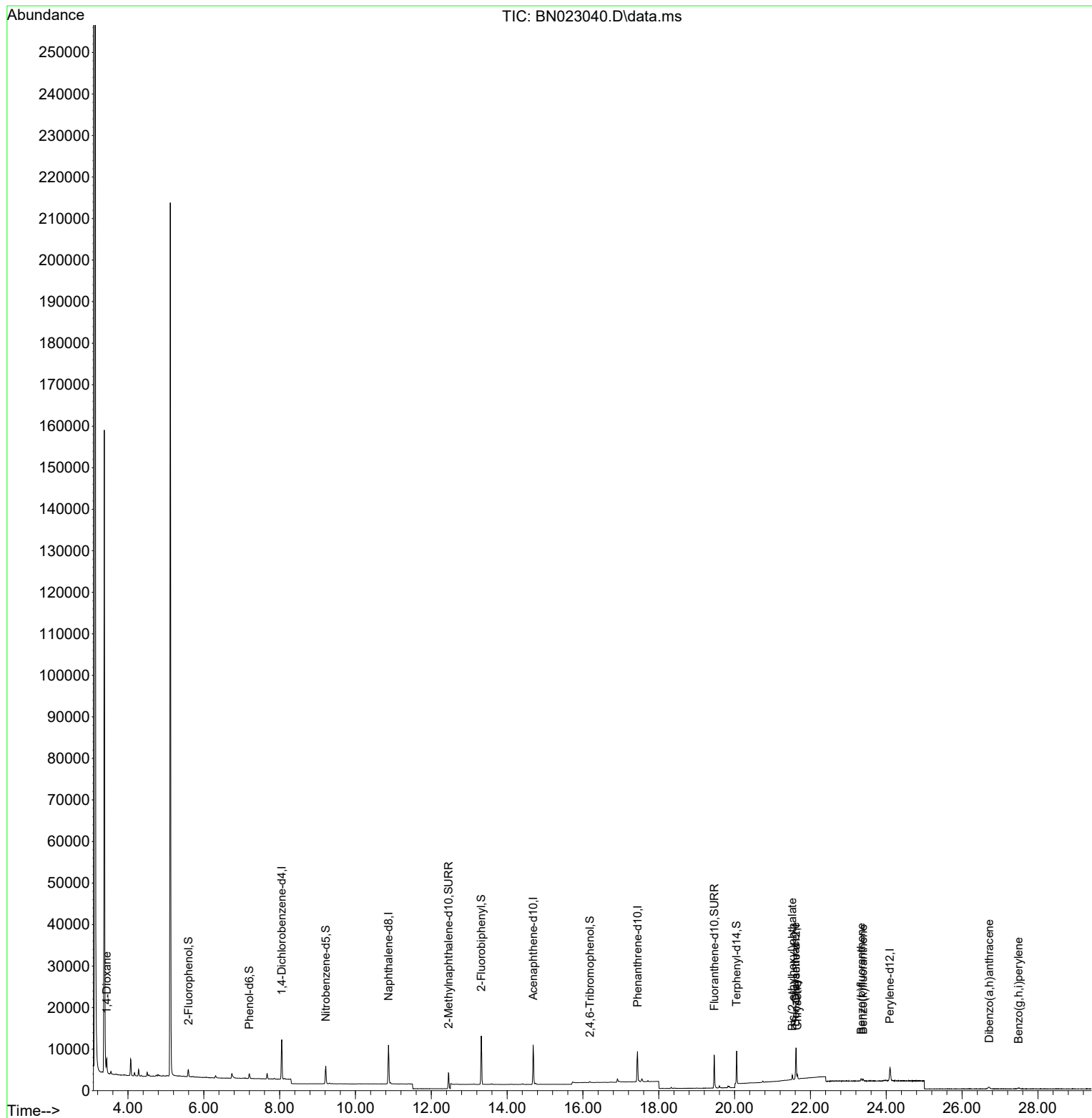
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	4522	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	11551	0.400	ng	0.00
13) Acenaphthene-d10	14.688	164	5154	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	9975	0.400	ng	# 0.00
29) Chrysene-d12	21.620	240	6362	0.400	ng	# 0.00
35) Perylene-d12	24.098	264	4731	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1359	0.116	ng	0.00
5) Phenol-d6	7.204	99	1016	0.068	ng	0.00
8) Nitrobenzene-d5	9.217	82	3288	0.366	ng	0.00
11) 2-Methylnaphthalene-d10	12.454	152	6109	0.244	ng	0.00
14) 2,4,6-Tribromophenol	16.185	330	147	0.059	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	9348	0.396	ng	0.00
27) Fluoranthene-d10	19.464	212	8423	0.311	ng	0.00
31) Terphenyl-d14	20.053	244	6260	0.419	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.442	88	1918	0.334	ng	# 94
32) Benzo(a)anthracene	21.602	228	666	0.026	ng	# 83
33) Chrysene	21.656	228	843	0.032	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.522	149	1121	0.109	ng	# 95
37) Benzo(b)fluoranthene	23.338	252	773	0.037	ng	# 2
38) Benzo(k)fluoranthene	23.388	252	666	0.029	ng	# 1
40) Dibenzo(a,h)anthracene	26.715	278	480	0.031	ng	# 14
41) Benzo(g,h,i)perylene	27.493	276	486	0.029	ng	# 43

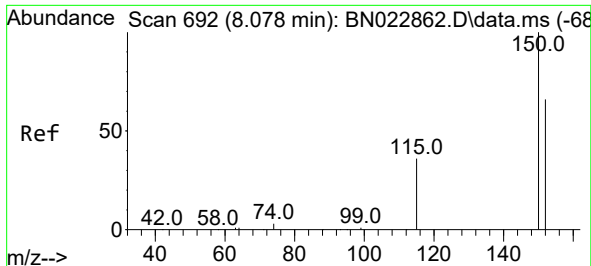
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 02 06:55:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
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QLast Update : Fri Dec 02 02:30:10 2022
Response via : Initial Calibration

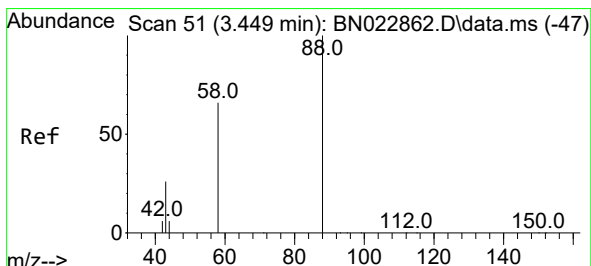
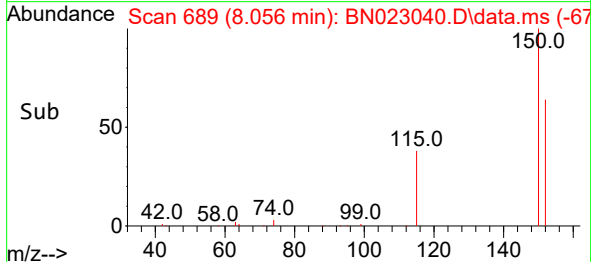
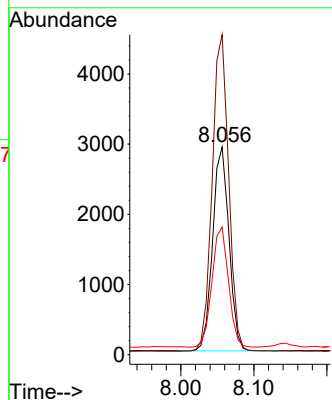
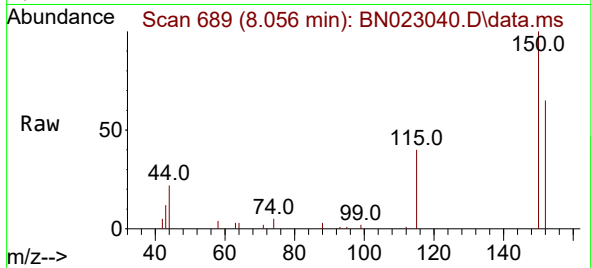




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.056 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN023040.D
 Acq: 02 Dec 2022 06:08

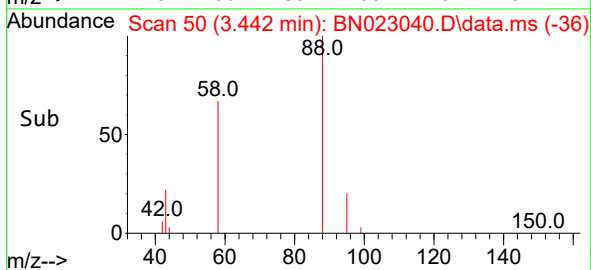
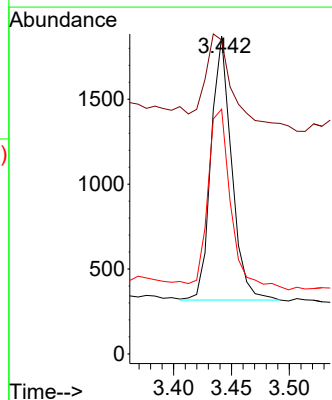
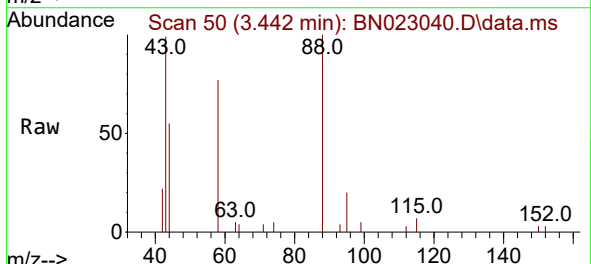
Instrument :
 BNA_N
 ClientSampleId :
 DUP03-20221121

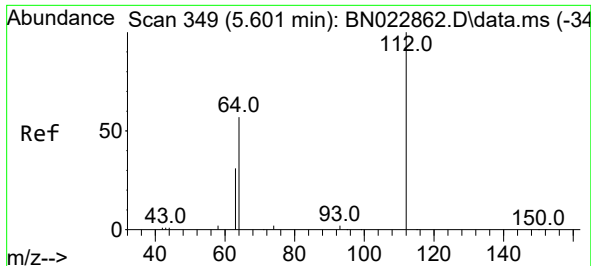
Tgt Ion:152 Resp: 4522
 Ion Ratio Lower Upper
 152 100
 150 154.1 121.2 181.8
 115 61.4 46.2 69.4



#2
 1,4-Dioxane
 Concen: 0.334 ng
 RT: 3.442 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BN023040.D
 Acq: 02 Dec 2022 06:08

Tgt Ion: 88 Resp: 1918
 Ion Ratio Lower Upper
 88 100
 43 40.1 25.4 38.2#
 58 72.4 56.5 84.7

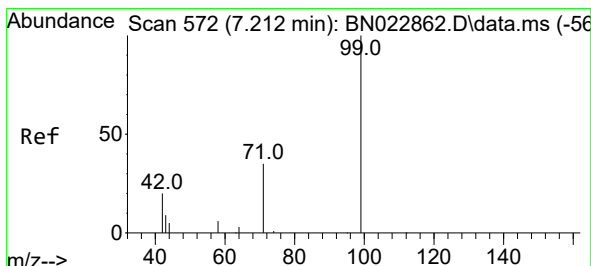
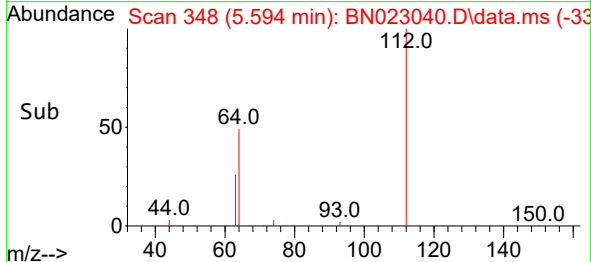
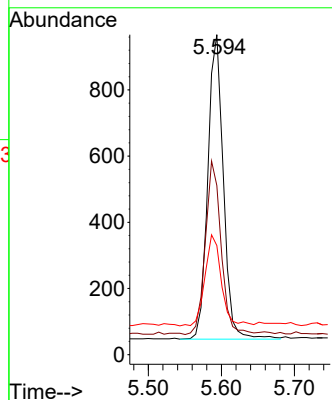
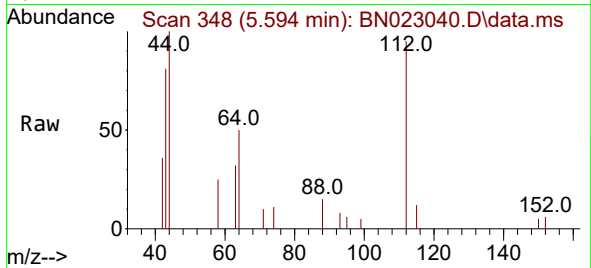




#4
2-Fluorophenol
Concen: 0.116 ng
RT: 5.594 min Scan# 349
Delta R.T. -0.000 min
Lab File: BN023040.D
Acq: 02 Dec 2022 06:08

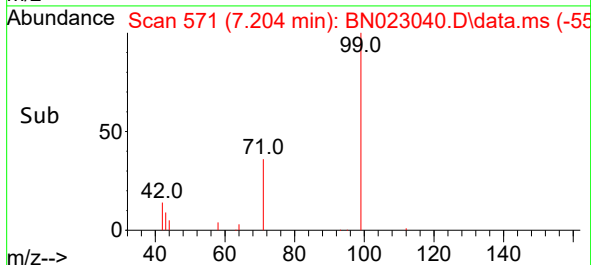
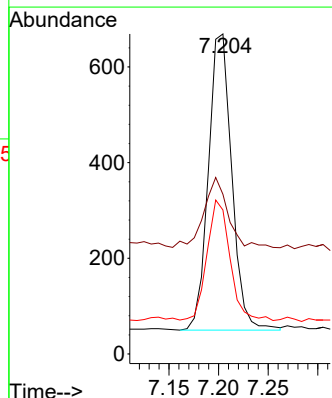
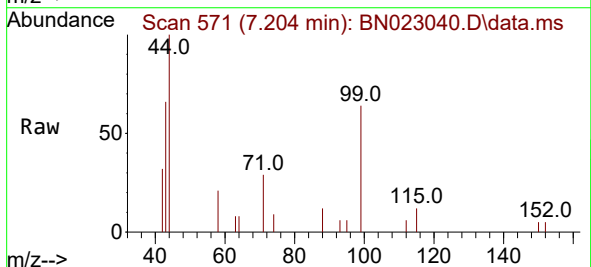
Instrument :
BNA_N
ClientSampleId :
DUP03-20221121

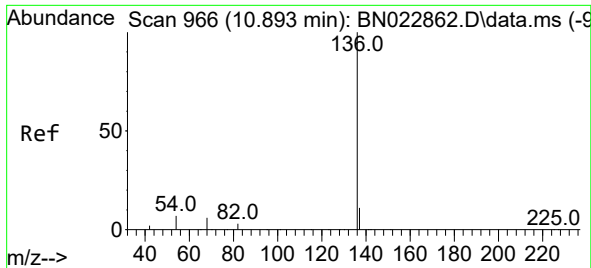
Tgt Ion:112 Resp: 1359
Ion Ratio Lower Upper
112 100
64 57.5 43.4 65.2
63 31.4 23.4 35.2



#5
Phenol-d6
Concen: 0.068 ng
RT: 7.204 min Scan# 571
Delta R.T. -0.000 min
Lab File: BN023040.D
Acq: 02 Dec 2022 06:08

Tgt Ion: 99 Resp: 1016
Ion Ratio Lower Upper
99 100
42 24.8 16.0 24.0#
71 39.9 26.8 40.2

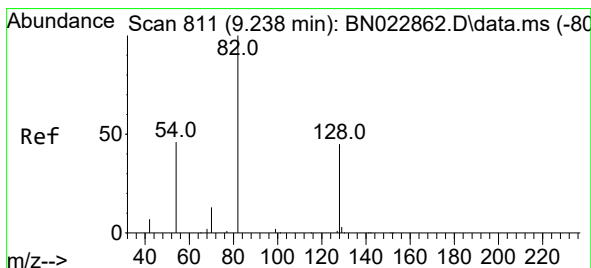
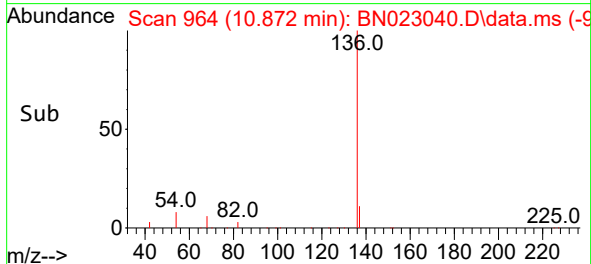
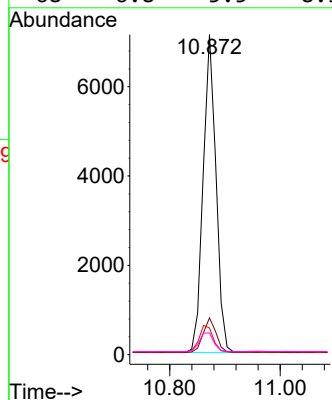
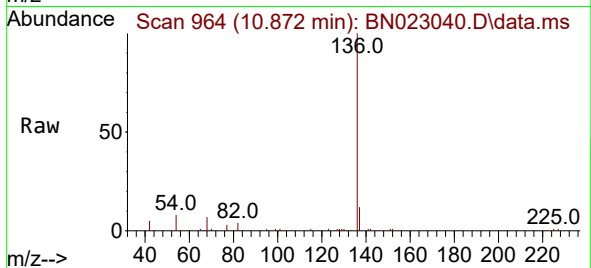




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 90
Delta R.T. -0.000 min
Lab File: BN023040.D
Acq: 02 Dec 2022 06:08

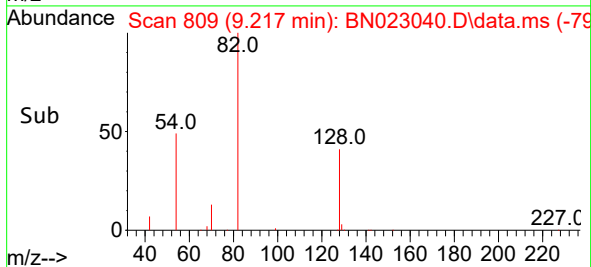
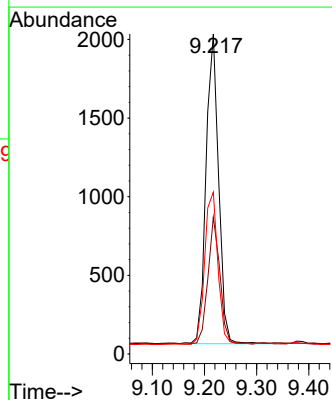
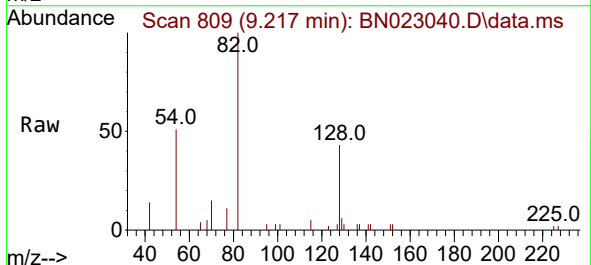
Instrument :
BNA_N
ClientSampleId :
DUP03-20221121

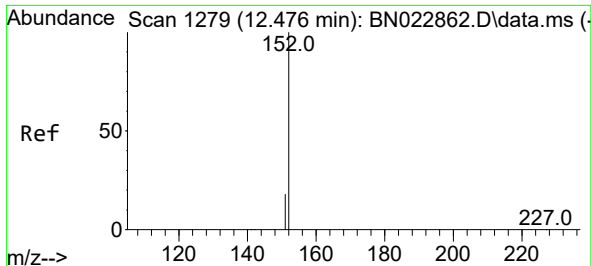
Tgt Ion:	136	Resp:	11551
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.4
54	8.4	6.6	9.8
68	6.8	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.366 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.000 min
Lab File: BN023040.D
Acq: 02 Dec 2022 06:08

Tgt Ion:	82	Resp:	3288
Ion Ratio	Lower	Upper	
82	100		
128	42.8	36.6	54.8
54	50.6	38.5	57.7





#11

2-Methylnaphthalene-d10

Concen: 0.244 ng

RT: 12.454 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN023040.D

Acq: 02 Dec 2022 06:08

Instrument :

BNA_N

ClientSampleId :

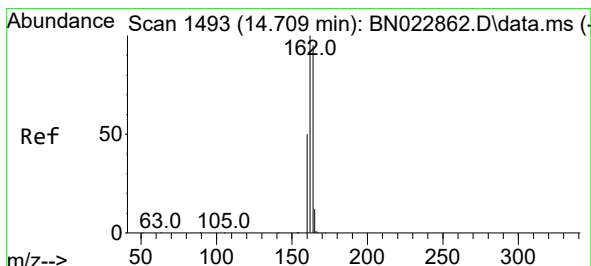
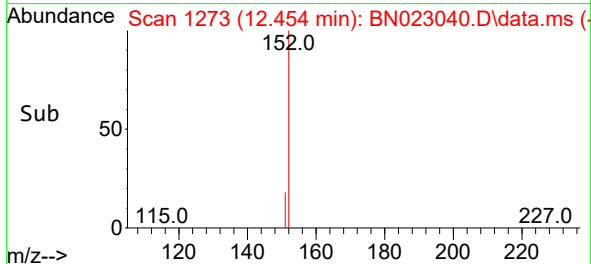
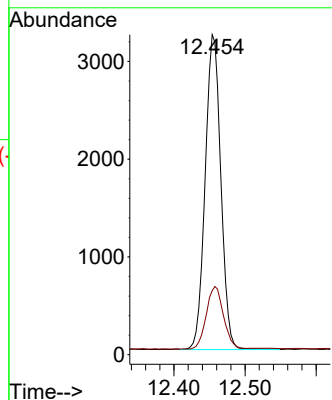
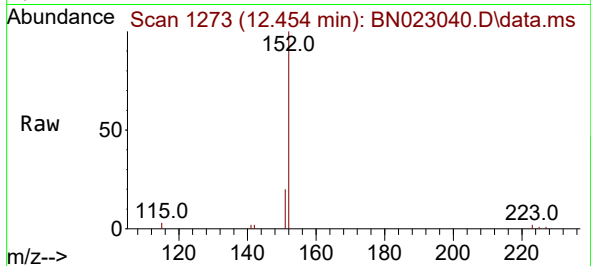
DUP03-20221121

Tgt Ion:152 Resp: 6109

Ion Ratio Lower Upper

152 100

151 17.6 18.6 27.8#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.688 min Scan# 1491

Delta R.T. -0.000 min

Lab File: BN023040.D

Acq: 02 Dec 2022 06:08

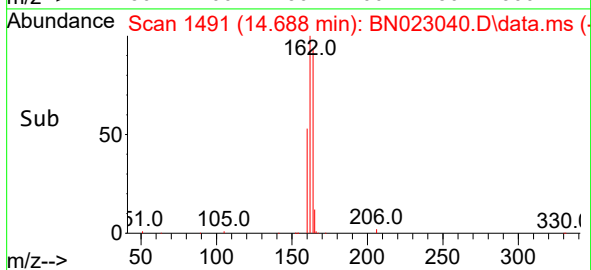
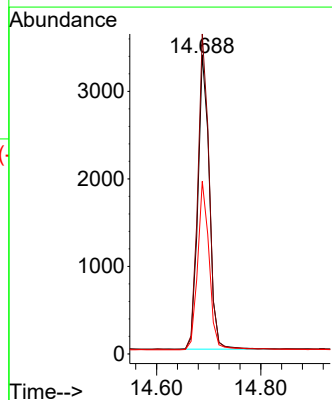
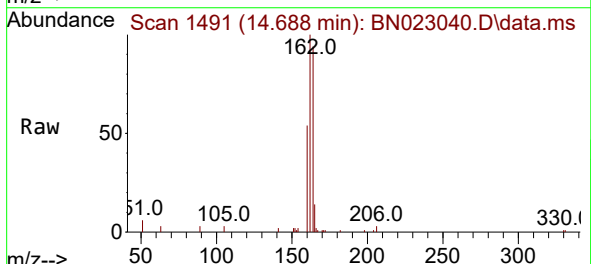
Tgt Ion:164 Resp: 5154

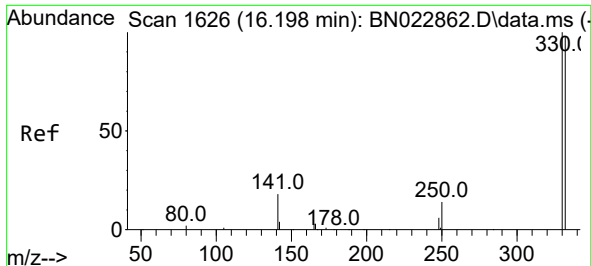
Ion Ratio Lower Upper

164 100

162 106.9 84.2 126.4

160 57.7 42.5 63.7

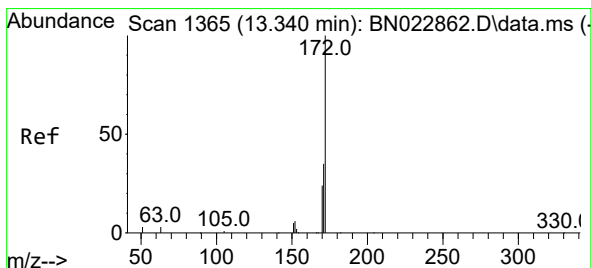
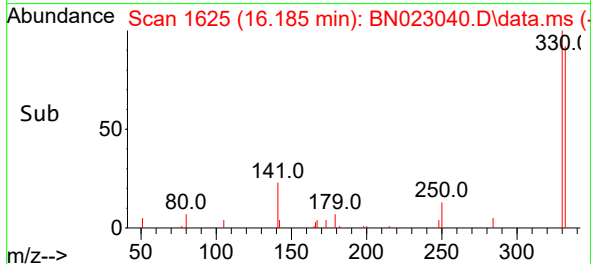
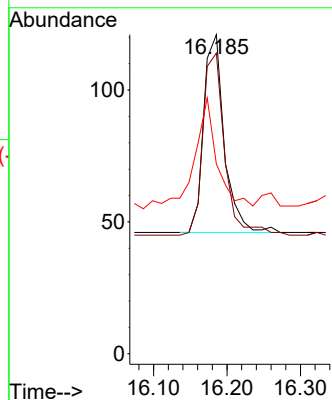
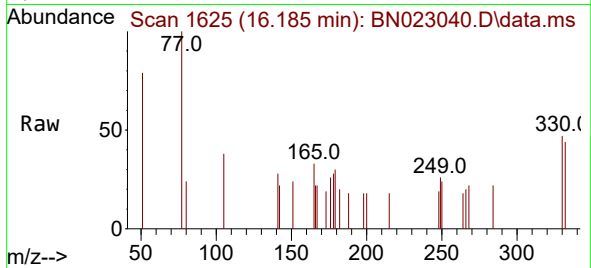




#14
2,4,6-Tribromophenol
Concen: 0.059 ng
RT: 16.185 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN023040.D
Acq: 02 Dec 2022 06:08

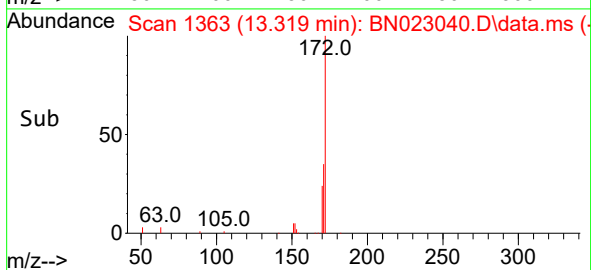
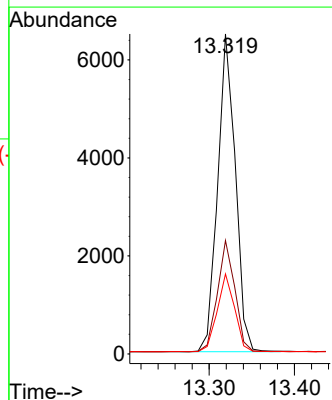
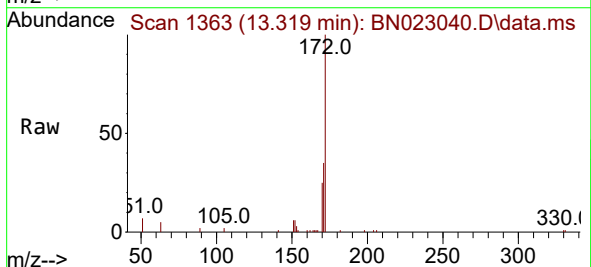
Instrument :
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ClientSampleId :
DUP03-20221121

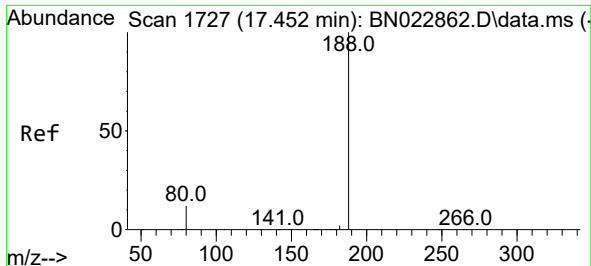
Tgt Ion:330 Resp: 147
Ion Ratio Lower Upper
330 100
332 96.6 76.5 114.7
141 55.1 32.6 48.8#



#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.319 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN023040.D
Acq: 02 Dec 2022 06:08

Tgt Ion:172 Resp: 9348
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 25.0 19.3 28.9

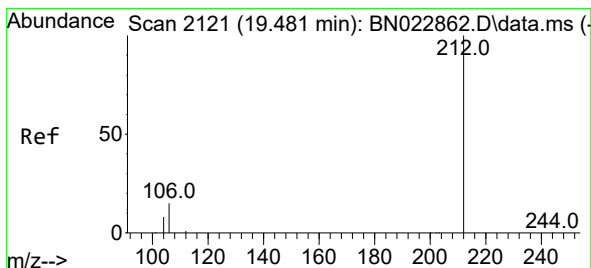
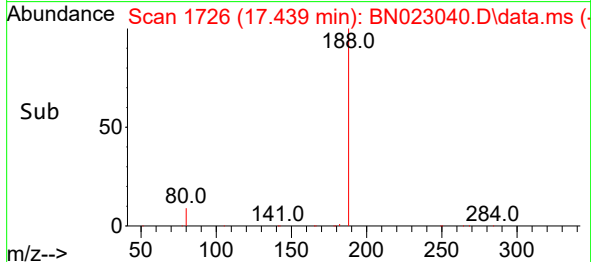
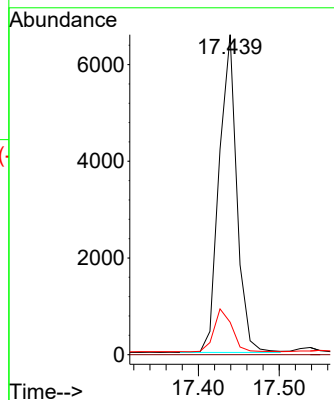
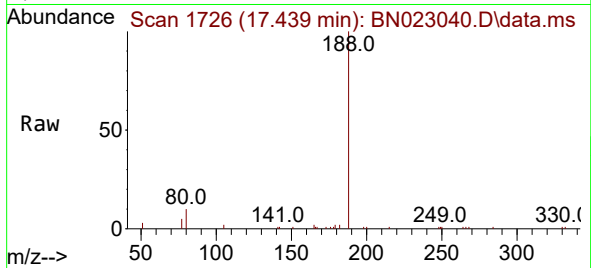




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023040.D
Acq: 02 Dec 2022 06:08

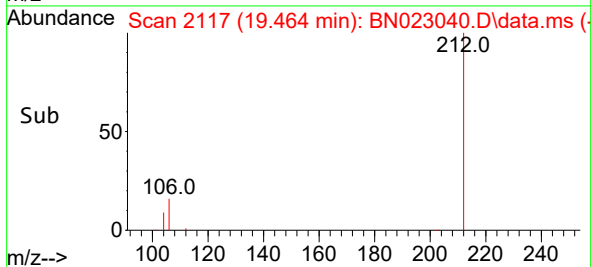
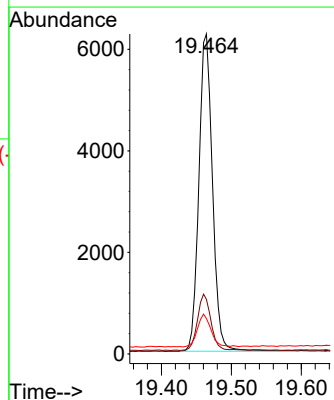
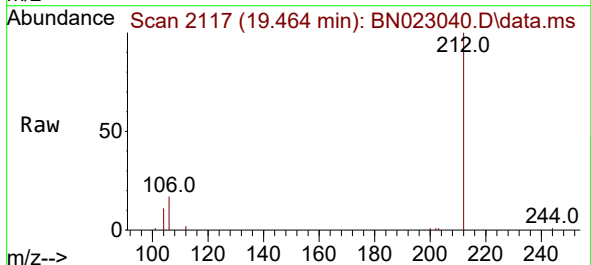
Instrument :
BNA_N
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DUP03-20221121

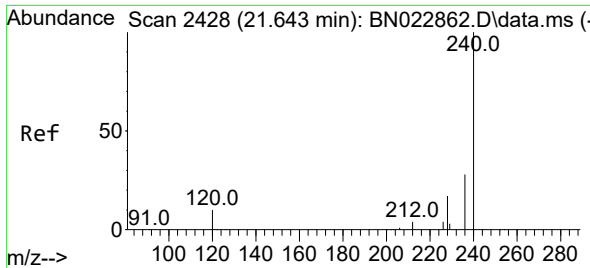
Tgt Ion:188 Resp: 9975
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 10.3 15.5#



#27
Fluoranthene-d10
Concen: 0.311 ng
RT: 19.464 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023040.D
Acq: 02 Dec 2022 06:08

Tgt Ion:212 Resp: 8423
Ion Ratio Lower Upper
212 100
106 17.6 12.3 18.5
104 10.1 7.0 10.4

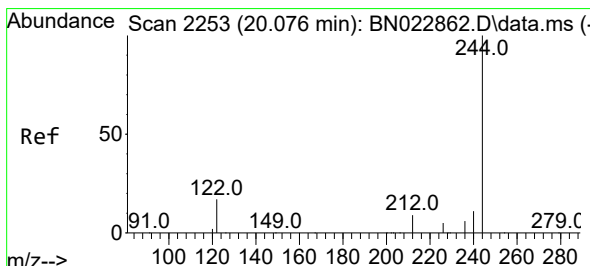
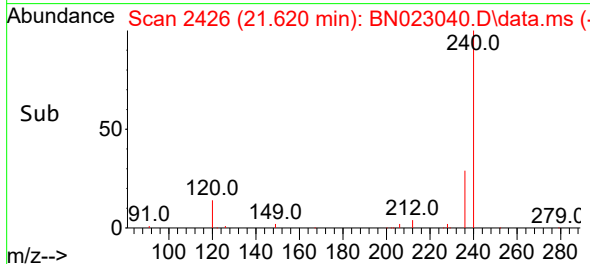
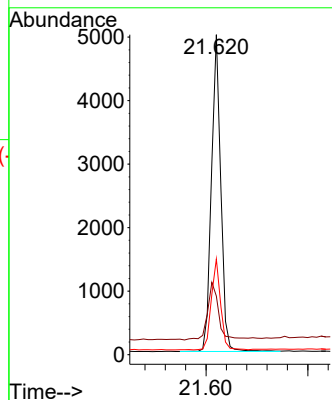
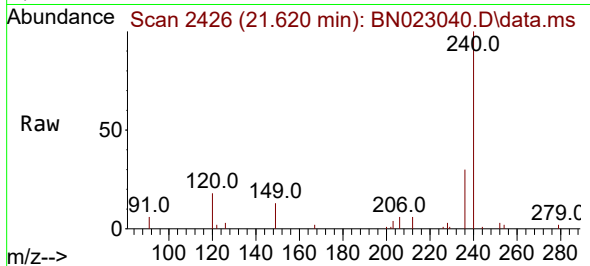




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.620 min Scan# 2426
Delta R.T. 0.004 min
Lab File: BN023040.D
Acq: 02 Dec 2022 06:08

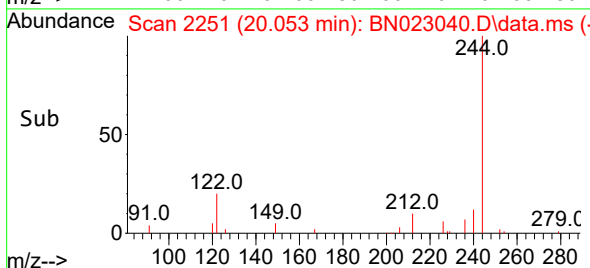
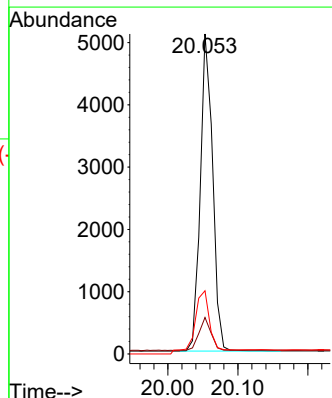
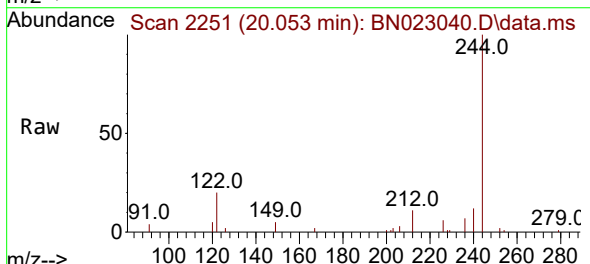
Instrument :
BNA_N
ClientSampleId :
DUP03-20221121

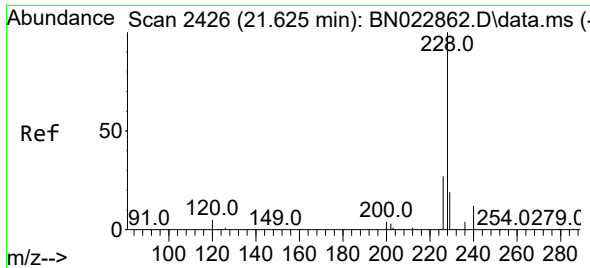
Tgt Ion:240 Resp: 6362
Ion Ratio Lower Upper
240 100
120 18.3 9.2 13.8#
236 29.9 22.6 34.0



#31
Terphenyl-d14
Concen: 0.419 ng
RT: 20.053 min Scan# 2251
Delta R.T. -0.005 min
Lab File: BN023040.D
Acq: 02 Dec 2022 06:08

Tgt Ion:244 Resp: 6260
Ion Ratio Lower Upper
244 100
212 11.4 7.9 11.9
122 19.7 13.9 20.9

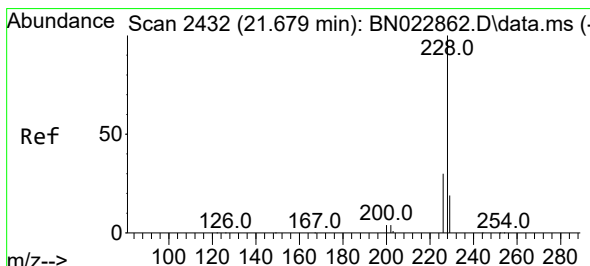
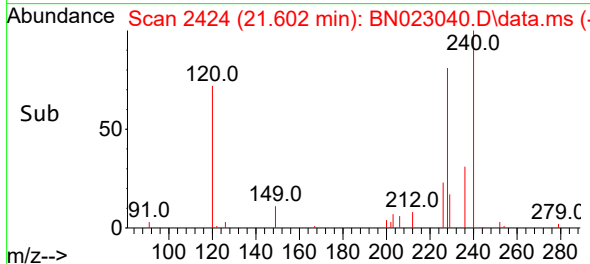
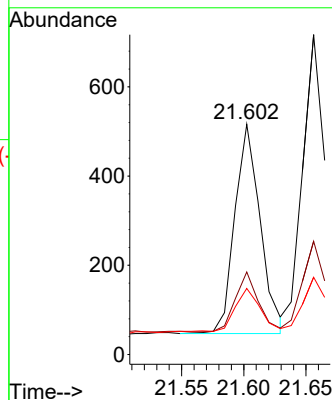
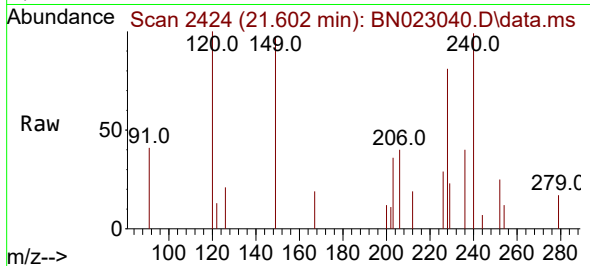




#32
Benzo(a)anthracene
Concen: 0.026 ng
RT: 21.602 min Scan# 2426
Delta R.T. -0.005 min
Lab File: BN023040.D
Acq: 02 Dec 2022 06:08

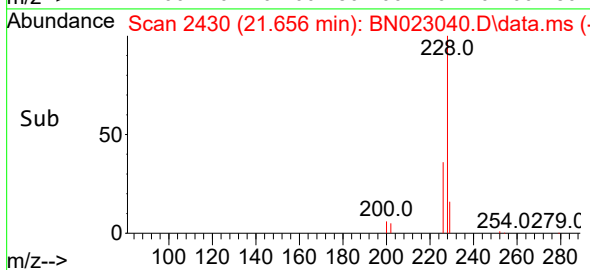
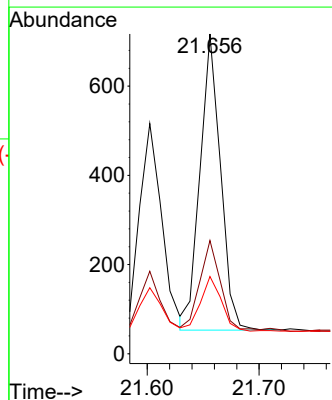
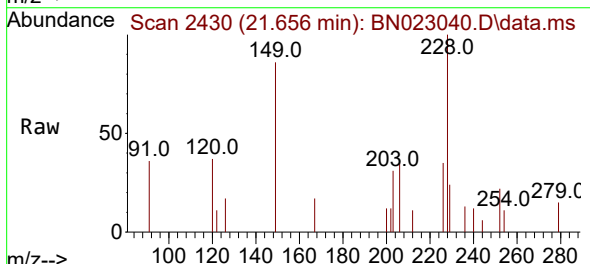
Instrument :
BNA_N
ClientSampleId :
DUP03-20221121

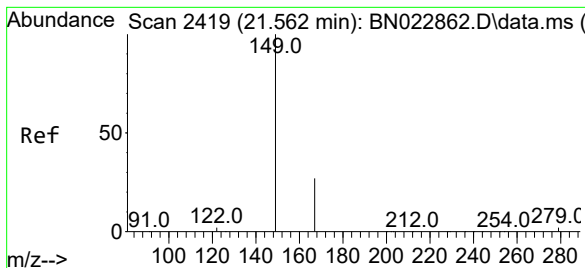
Tgt Ion:228 Resp: 666
Ion Ratio Lower Upper
228 100
226 35.9 22.1 33.1#
229 28.7 15.8 23.6#



#33
Chrysene
Concen: 0.032 ng
RT: 21.656 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BN023040.D
Acq: 02 Dec 2022 06:08

Tgt Ion:228 Resp: 843
Ion Ratio Lower Upper
228 100
226 35.4 24.5 36.7
229 24.1 15.8 23.6#

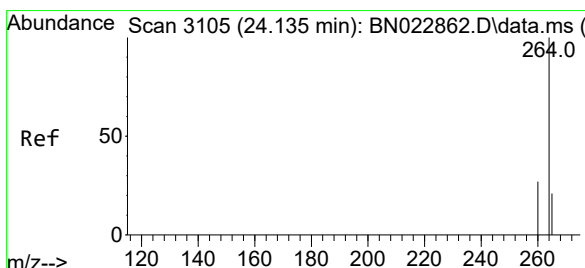
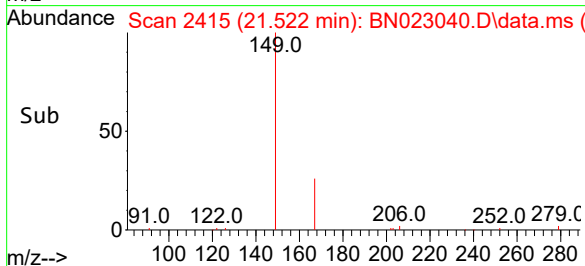
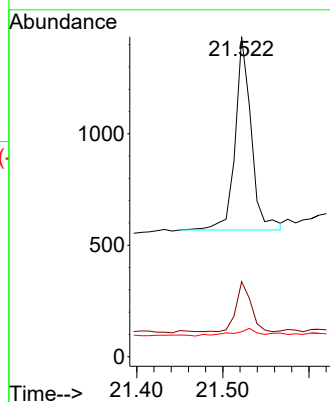
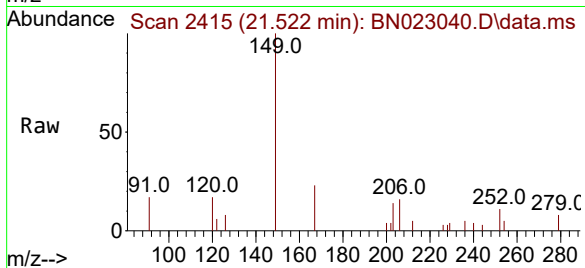




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.109 ng
 RT: 21.522 min Scan# 2415
 Delta R.T. -0.005 min
 Lab File: BN023040.D
 Acq: 02 Dec 2022 06:08

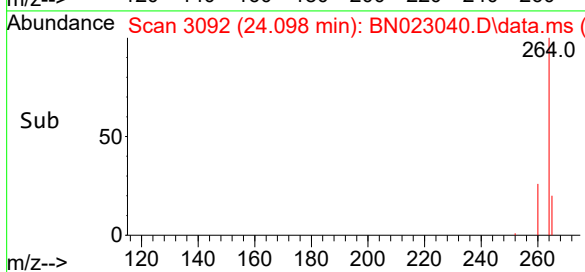
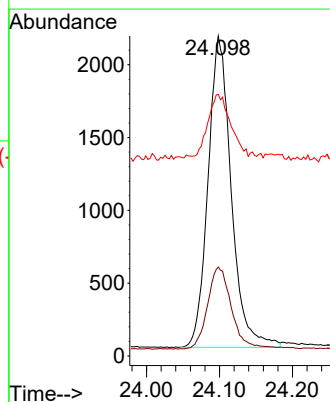
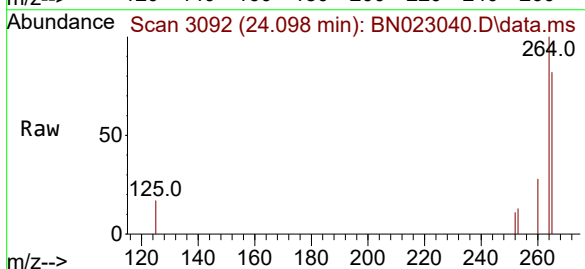
Instrument :
 BNA_N
 ClientSampleId :
 DUP03-20221121

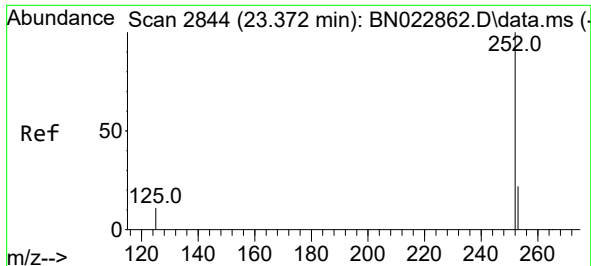
Tgt Ion:149 Resp: 1121
 Ion Ratio Lower Upper
 149 100
 167 24.0 21.3 31.9
 279 5.6 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.098 min Scan# 3092
 Delta R.T. -0.005 min
 Lab File: BN023040.D
 Acq: 02 Dec 2022 06:08

Tgt Ion:264 Resp: 4731
 Ion Ratio Lower Upper
 264 100
 260 27.8 21.7 32.5
 265 81.8 31.0 46.4#

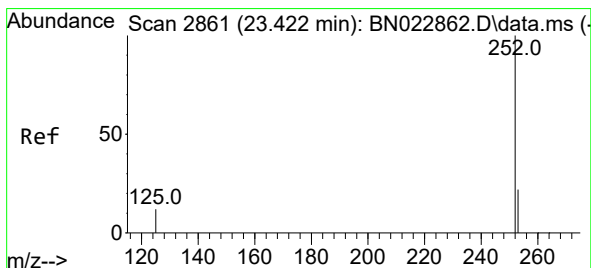
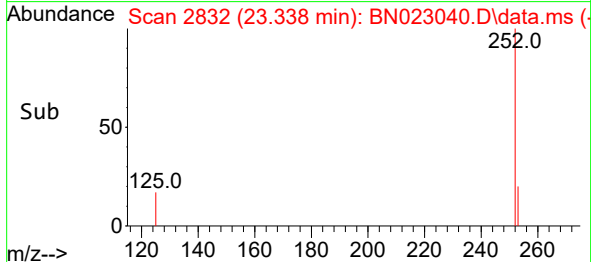
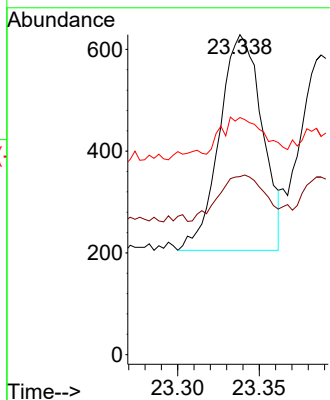
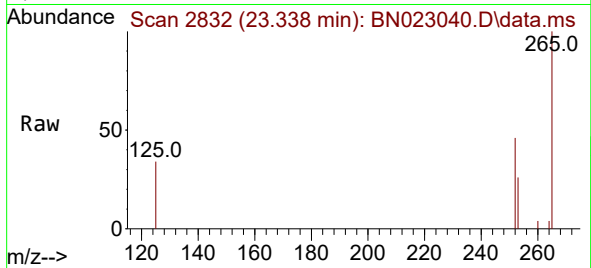




#37
Benzo(b)fluoranthene
Concen: 0.037 ng
RT: 23.338 min Scan# 2849
Delta R.T. -0.002 min
Lab File: BN023040.D
Acq: 02 Dec 2022 06:08

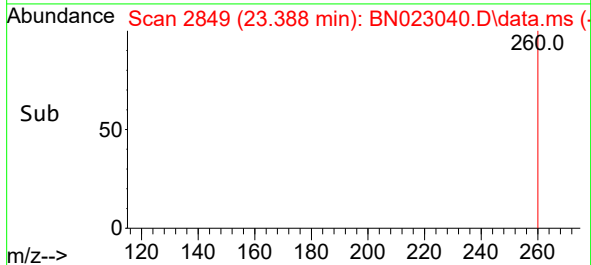
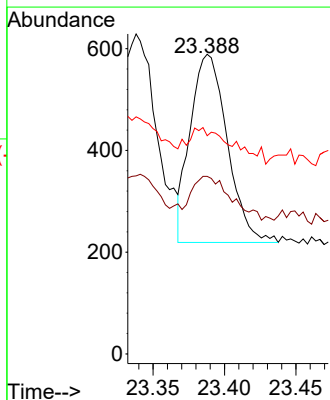
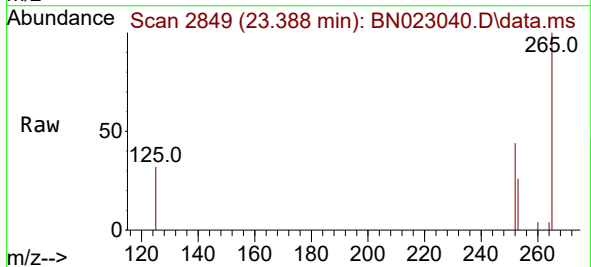
Instrument :
BNA_N
ClientSampleId :
DUP03-20221121

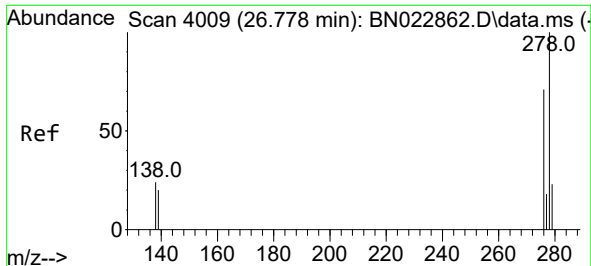
Tgt Ion:252 Resp: 773
Ion Ratio Lower Upper
252 100
253 55.6 18.5 27.7#
125 74.1 10.8 16.2#



#38
Benzo(k)fluoranthene
Concen: 0.029 ng
RT: 23.388 min Scan# 2849
Delta R.T. -0.002 min
Lab File: BN023040.D
Acq: 02 Dec 2022 06:08

Tgt Ion:252 Resp: 666
Ion Ratio Lower Upper
252 100
253 59.3 18.6 27.8#
125 72.8 11.0 16.4#

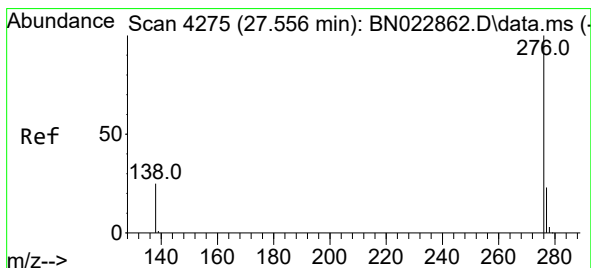
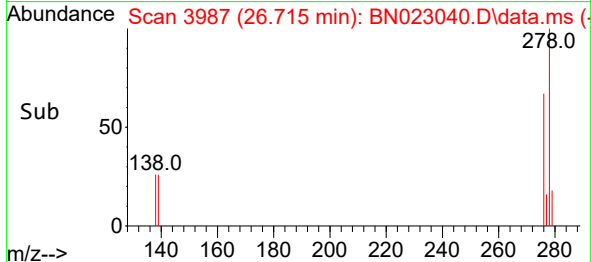
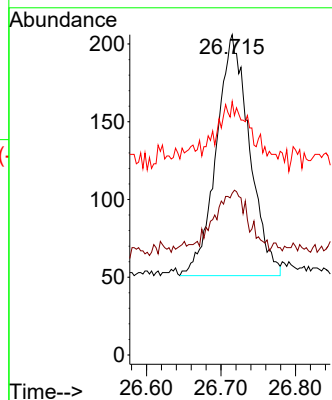
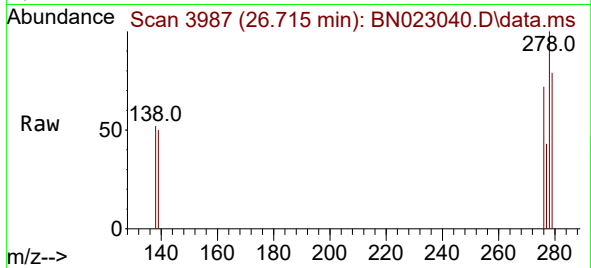




#40
Dibenzo(a,h)anthracene
Concen: 0.031 ng
RT: 26.715 min Scan# 3987
Delta R.T. -0.002 min
Lab File: BN023040.D
Acq: 02 Dec 2022 06:08

Instrument :
BNA_N
ClientSampleId :
DUP03-20221121

Tgt Ion:278 Resp: 480
Ion Ratio Lower Upper
278 100
139 50.5 17.4 26.0#
279 79.1 20.0 30.0#



#41
Benzo(g,h,i)perylene
Concen: 0.029 ng
RT: 27.493 min Scan# 4253
Delta R.T. -0.002 min
Lab File: BN023040.D
Acq: 02 Dec 2022 06:08

Tgt Ion:276 Resp: 486
Ion Ratio Lower Upper
276 100
277 53.2 19.7 29.5#
138 55.9 21.4 32.2#

