

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
 Data File : BN023023.D
 Acq On : 01 Dec 2022 17:57
 Operator : CG/JU
 Sample : N5756-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D2-20221120

Quant Time: Dec 02 01:46:17 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 01:41:37 2022
 Response via : Initial Calibration

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

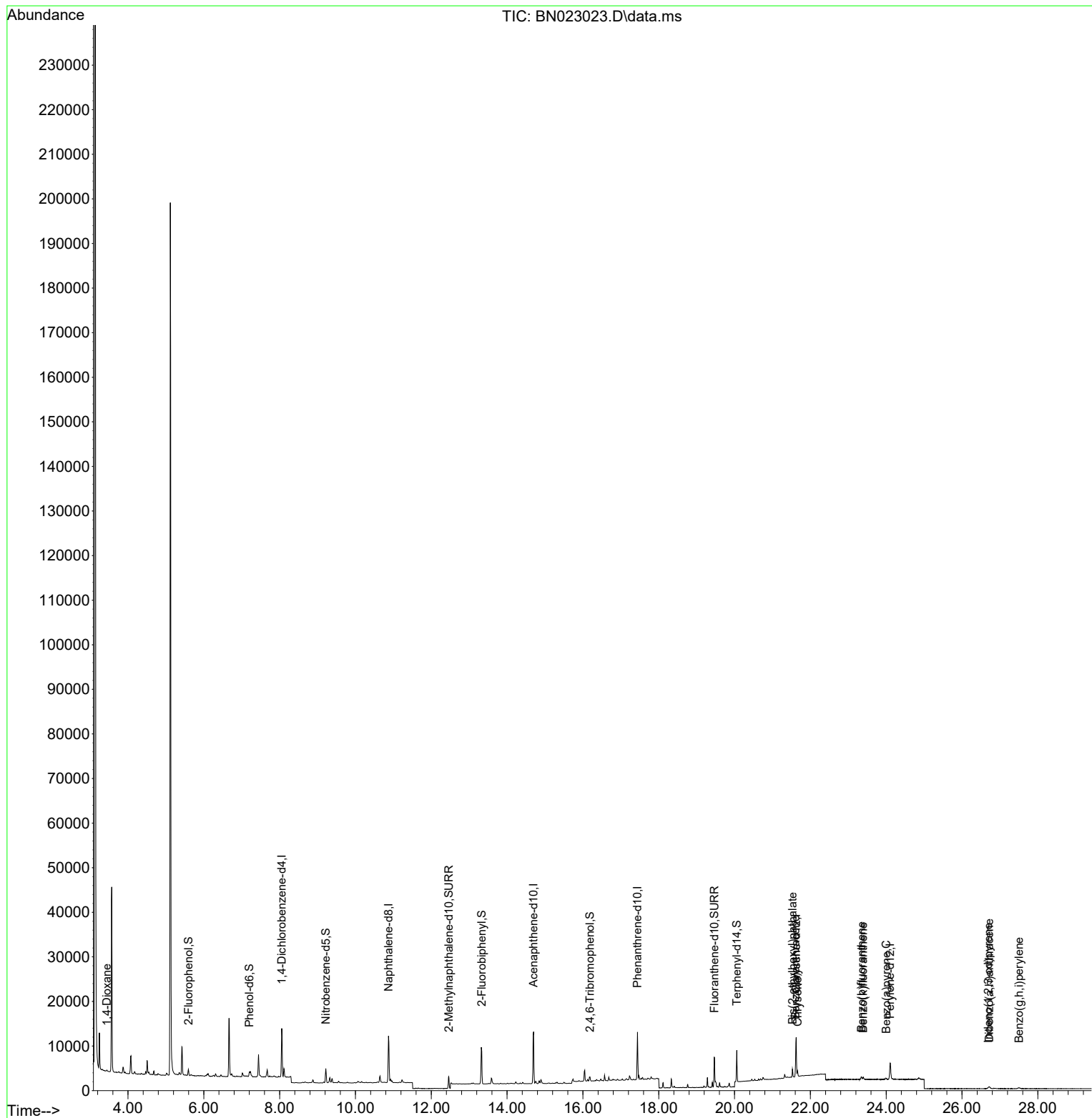
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	5044	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	13841	0.400	ng	#-0.01
13) Acenaphthene-d10	14.698	164	6795	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	12997	0.400	ng	0.00
29) Chrysene-d12	21.625	240	7784	0.400	ng	# 0.00
35) Perylene-d12	24.106	264	5418	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1010	0.077	ng	0.00
5) Phenol-d6	7.204	99	814	0.049	ng	0.00
8) Nitrobenzene-d5	9.217	82	2431	0.226	ng	-0.01
11) 2-Methylnaphthalene-d10	12.461	152	3758	0.125	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	605	0.184	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	7117	0.229	ng	0.00
27) Fluoranthene-d10	19.469	212	7169	0.203	ng	0.00
31) Terphenyl-d14	20.058	244	5572	0.305	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.442	88	173	0.027	ng	# 32
32) Benzo(a)anthracene	21.607	228	800	0.025	ng	# 85
33) Chrysene	21.661	228	937	0.029	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.527	149	1779	0.141	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.696	276	538	0.024	ng	# 80
37) Benzo(b)fluoranthene	23.343	252	758	0.031	ng	# 1
38) Benzo(k)fluoranthene	23.392	252	664	0.025	ng	# 1
39) Benzo(a)pyrene	23.998	252	382	0.021	ng	# 1
40) Dibenzo(a,h)anthracene	26.720	278	473	0.026	ng	# 7
41) Benzo(g,h,i)perylene	27.503	276	451	0.023	ng	# 38

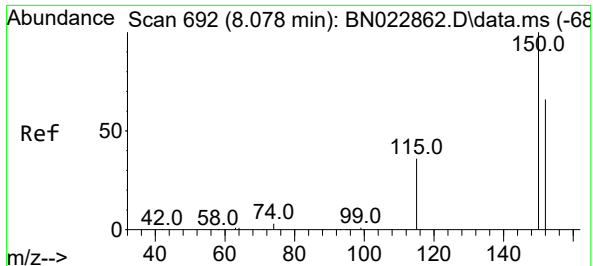
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN023023.D
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Quant Time: Dec 02 01:46:17 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 01:41:37 2022
Response via : Initial Calibration

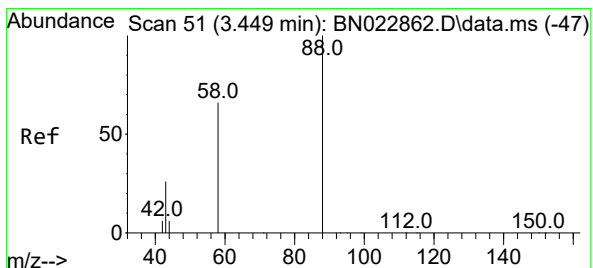
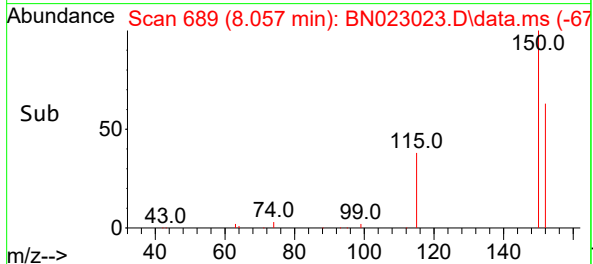
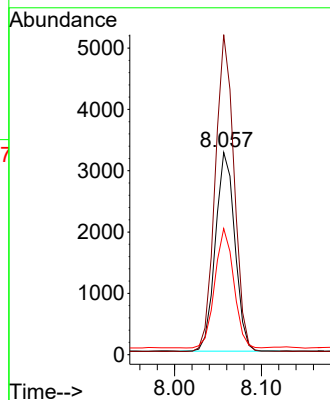
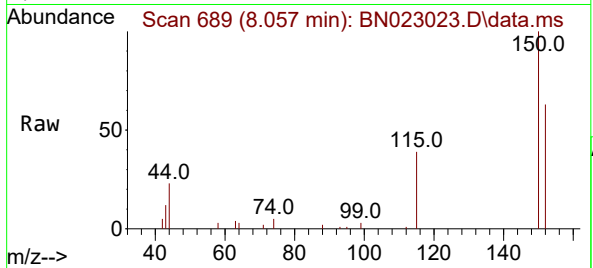




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.057 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN023023.D
 Acq: 01 Dec 2022 17:57

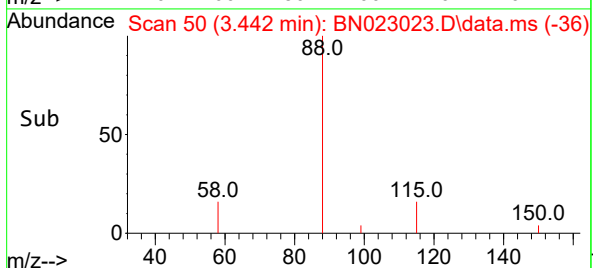
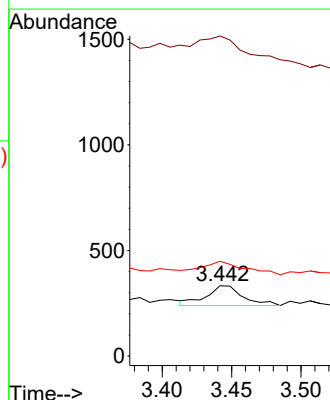
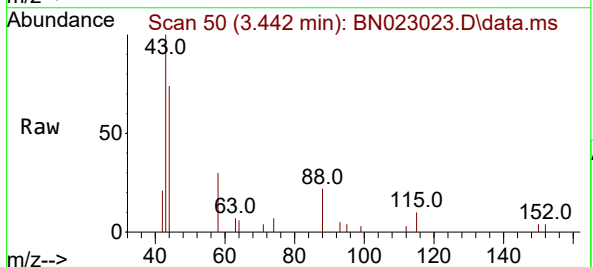
Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D2-20221120

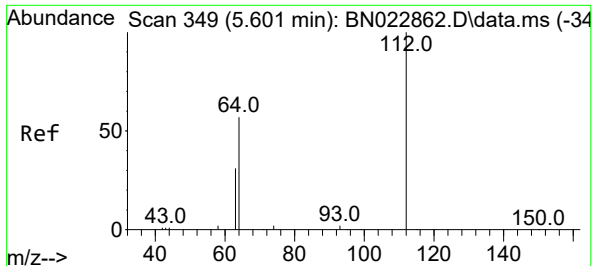
Tgt Ion:152 Resp: 5044
 Ion Ratio Lower Upper
 152 100
 150 158.2 121.2 181.8
 115 62.3 46.2 69.4



#2
 1,4-Dioxane
 Concen: 0.027 ng
 RT: 3.442 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN023023.D
 Acq: 01 Dec 2022 17:57

Tgt Ion: 88 Resp: 173
 Ion Ratio Lower Upper
 88 100
 43 141.0 25.4 38.2#
 58 78.6 56.5 84.7





#4

2-Fluorophenol

Concen: 0.077 ng

RT: 5.594 min Scan# 34

Delta R.T. -0.007 min

Lab File: BN023023.D

Acq: 01 Dec 2022 17:57

Instrument :

BNA_N

ClientSampleId :

RW9-MW01D2-20221120

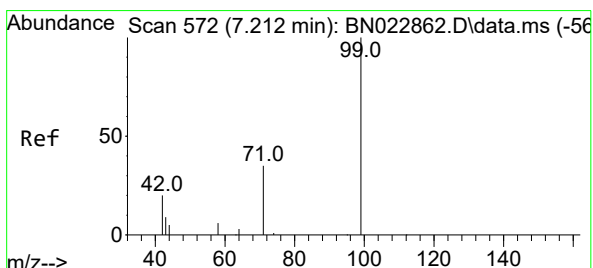
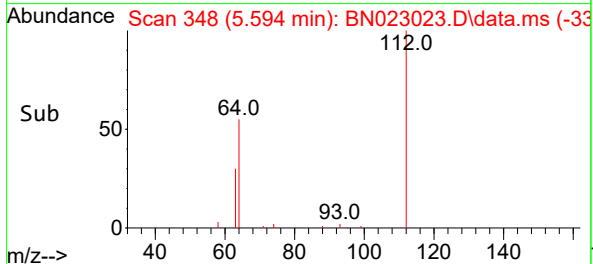
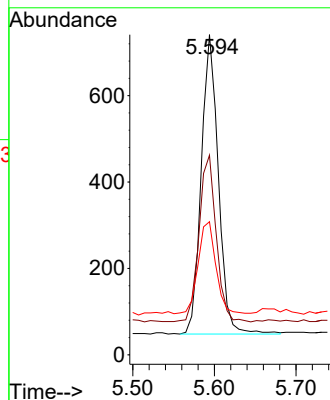
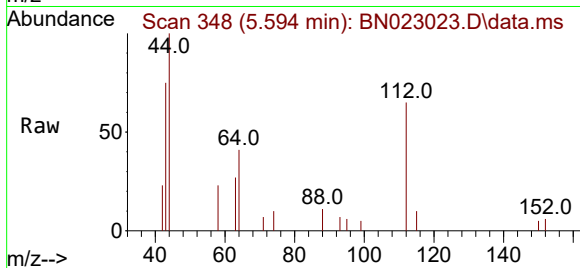
Tgt Ion:112 Resp: 1010

Ion Ratio Lower Upper

112 100

64 55.9 43.4 65.2

63 33.1 23.4 35.2



#5

Phenol-d6

Concen: 0.049 ng

RT: 7.204 min Scan# 571

Delta R.T. 0.000 min

Lab File: BN023023.D

Acq: 01 Dec 2022 17:57

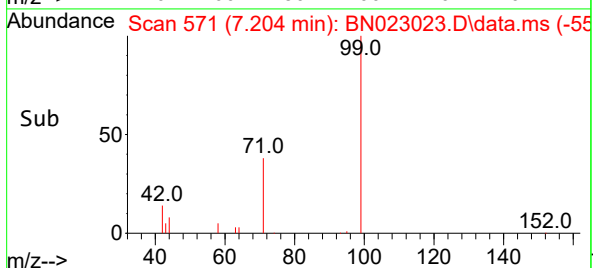
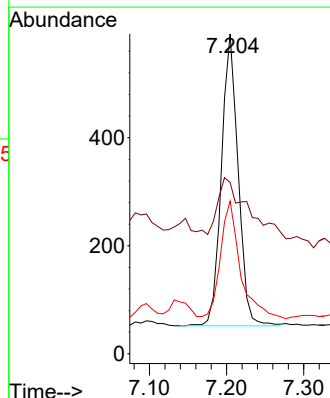
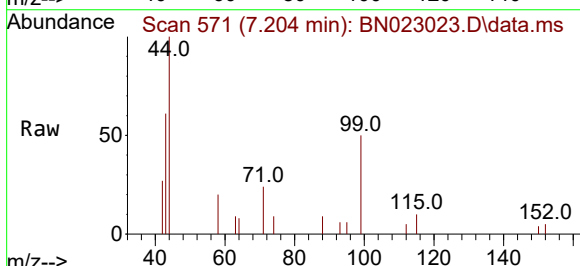
Tgt Ion: 99 Resp: 814

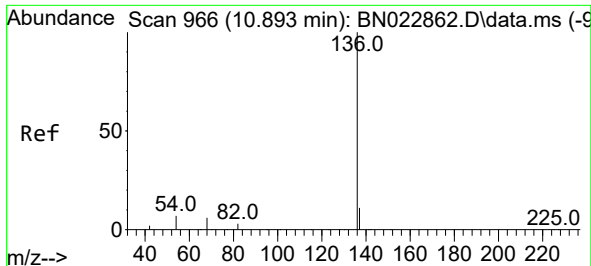
Ion Ratio Lower Upper

99 100

42 53.6 16.0 24.0#

71 48.0 26.8 40.2#

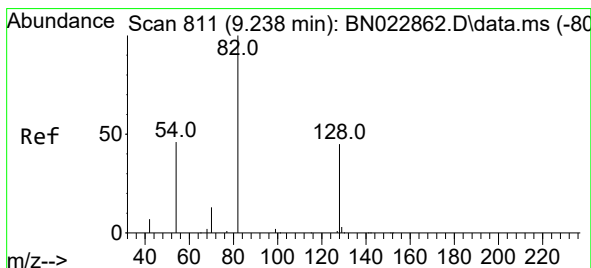
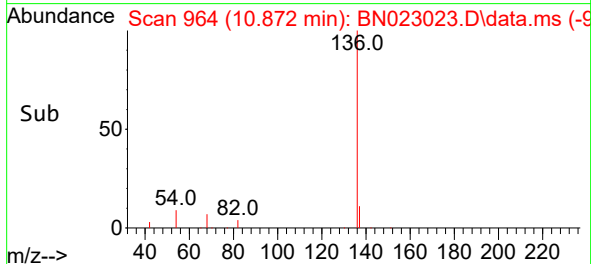
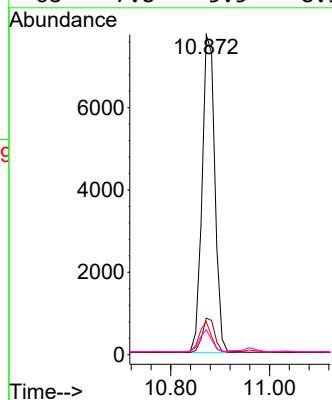
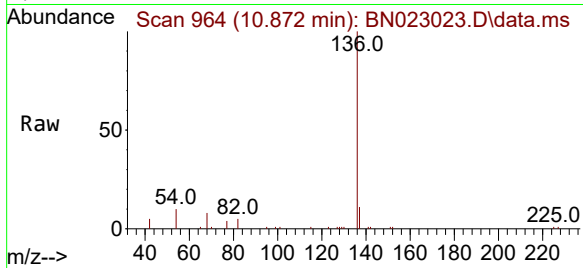




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 90
Delta R.T. -0.011 min
Lab File: BN023023.D
Acq: 01 Dec 2022 17:57

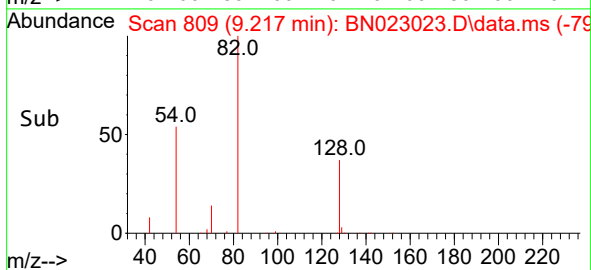
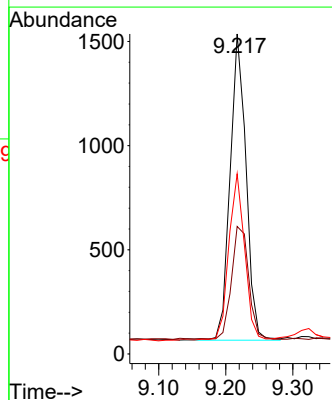
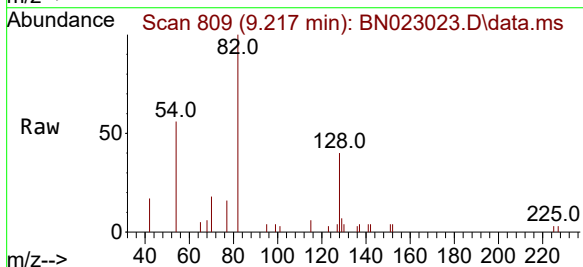
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D2-20221120

Tgt Ion:	136	Resp:	13841
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.4
54	10.3	6.6	9.8#
68	7.8	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.226 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.010 min
Lab File: BN023023.D
Acq: 01 Dec 2022 17:57

Tgt Ion:	82	Resp:	2431
Ion Ratio	Lower	Upper	
82	100		
128	39.8	36.6	54.8
54	56.3	38.5	57.7

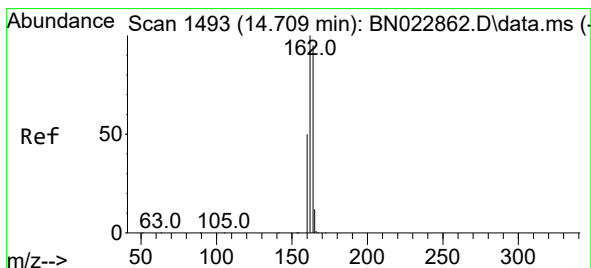
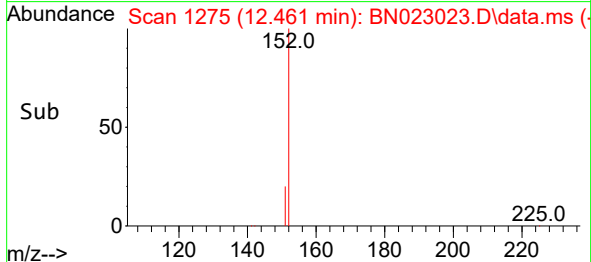
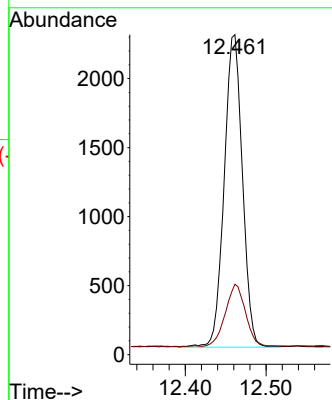
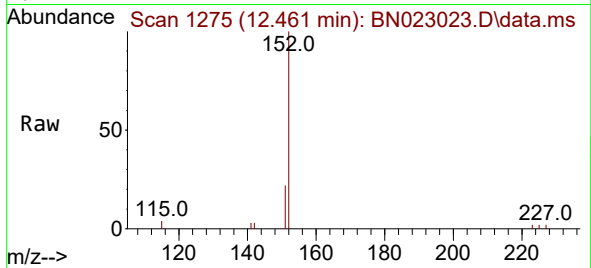




#11
2-Methylnaphthalene-d10
Concen: 0.125 ng
RT: 12.461 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN023023.D
Acq: 01 Dec 2022 17:57

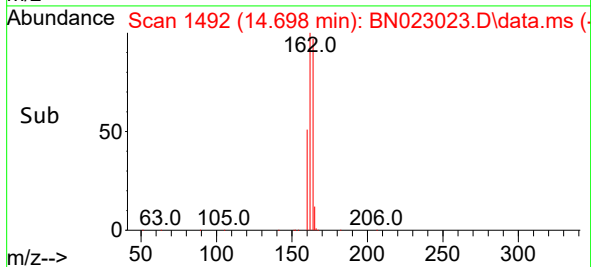
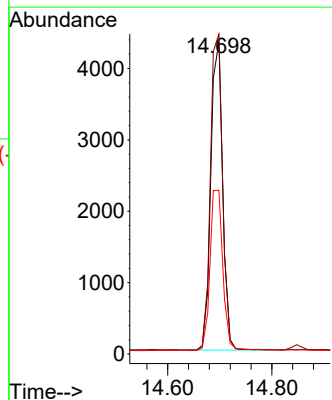
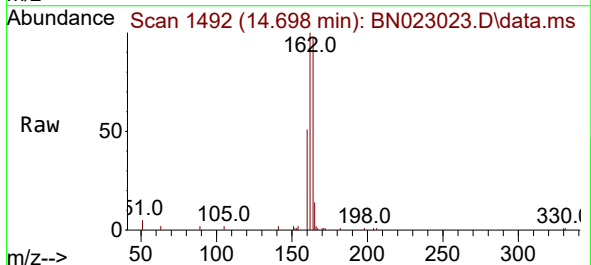
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D2-20221120

Tgt Ion:152 Resp: 3758
Ion Ratio Lower Upper
152 100
151 23.7 18.6 27.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN023023.D
Acq: 01 Dec 2022 17:57

Tgt Ion:164 Resp: 6795
Ion Ratio Lower Upper
164 100
162 102.5 84.2 126.4
160 52.4 42.5 63.7

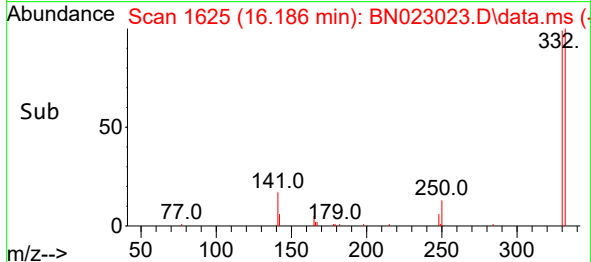
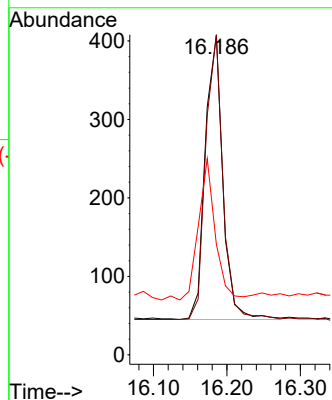
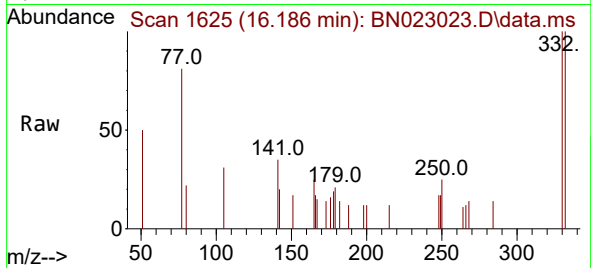




#14
2,4,6-Tribromophenol
Concen: 0.184 ng
RT: 16.186 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN023023.D
Acq: 01 Dec 2022 17:57

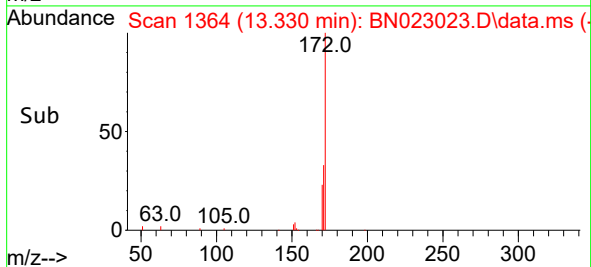
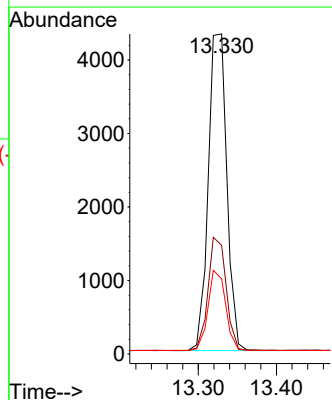
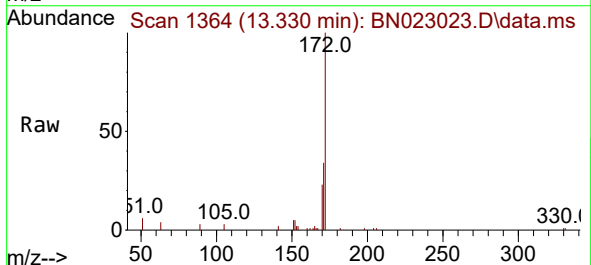
Instrument :
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ClientSampleId :
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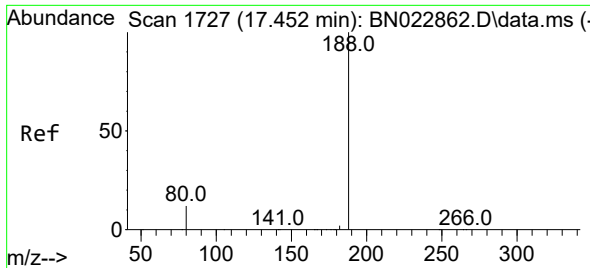
Tgt Ion:	330	Resp:	605
Ion Ratio	Lower	Upper	
330	100		
332	98.0	76.5	114.7
141	47.6	32.6	48.8



#15
2-Fluorobiphenyl
Concen: 0.229 ng
RT: 13.330 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN023023.D
Acq: 01 Dec 2022 17:57

Tgt Ion:	172	Resp:	7117
Ion Ratio	Lower	Upper	
172	100		
171	33.9	28.2	42.4
170	23.5	19.3	28.9

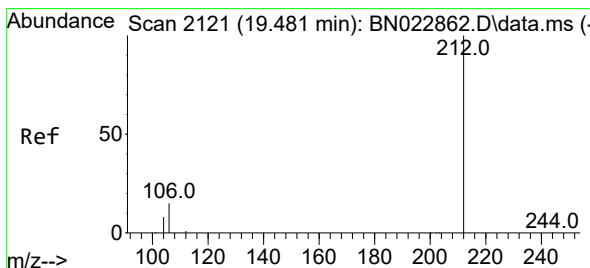
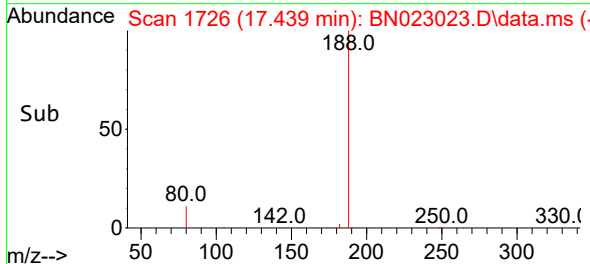
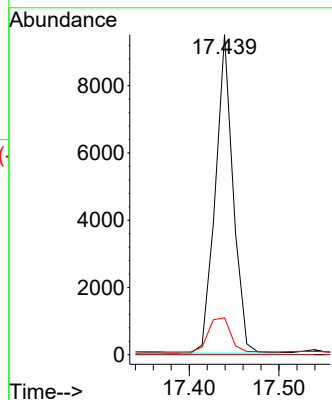
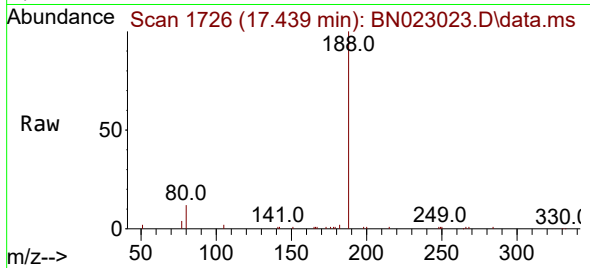




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN023023.D
Acq: 01 Dec 2022 17:57

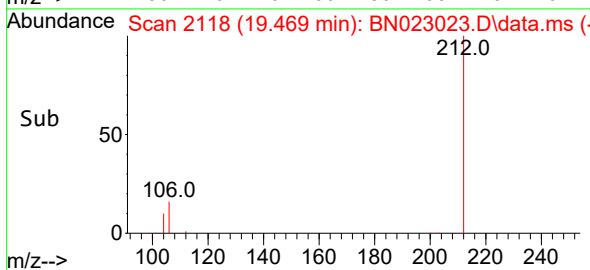
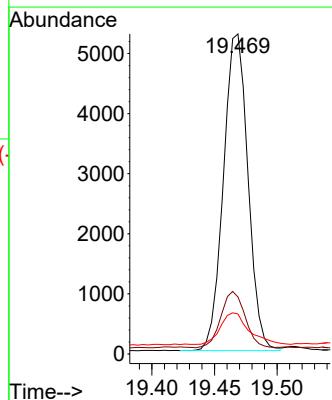
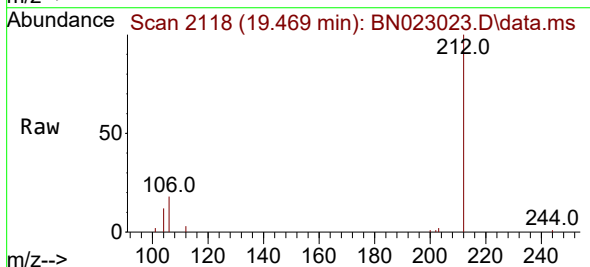
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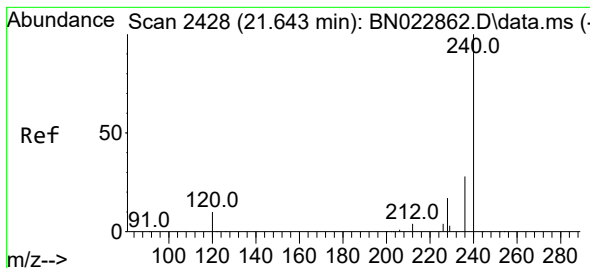
Tgt Ion:188 Resp: 12997
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 10.3 15.5



#27
Fluoranthene-d10
Concen: 0.203 ng
RT: 19.469 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN023023.D
Acq: 01 Dec 2022 17:57

Tgt Ion:212 Resp: 7169
Ion Ratio Lower Upper
212 100
106 17.5 12.3 18.5
104 11.5 7.0 10.4#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.625 min Scan# 2426

Delta R.T. -0.004 min

Lab File: BN023023.D

Acq: 01 Dec 2022 17:57

Instrument :

BNA_N

ClientSampleId :

RW9-MW01D2-20221120

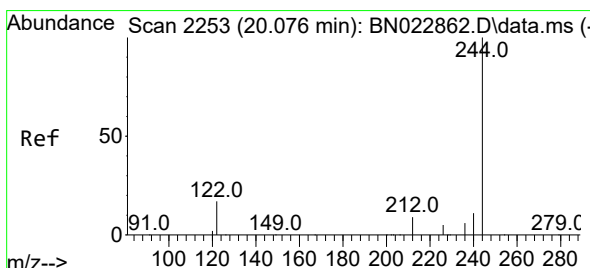
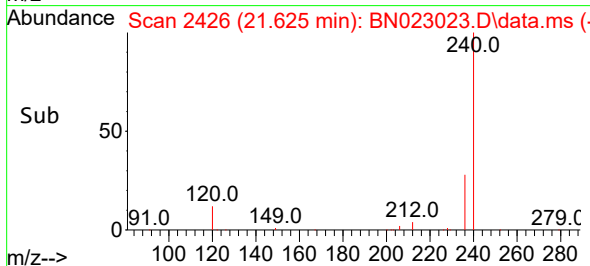
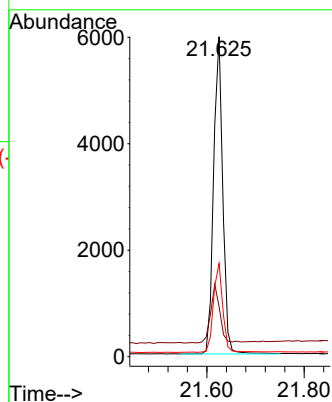
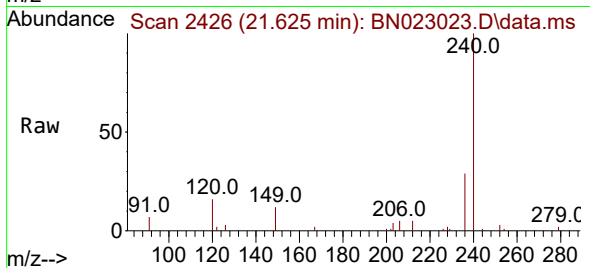
Tgt Ion:240 Resp: 7784

Ion Ratio Lower Upper

240 100

120 15.6 9.2 13.8#

236 29.1 22.6 34.0



#31

Terphenyl-d14

Concen: 0.305 ng

RT: 20.058 min Scan# 2251

Delta R.T. -0.004 min

Lab File: BN023023.D

Acq: 01 Dec 2022 17:57

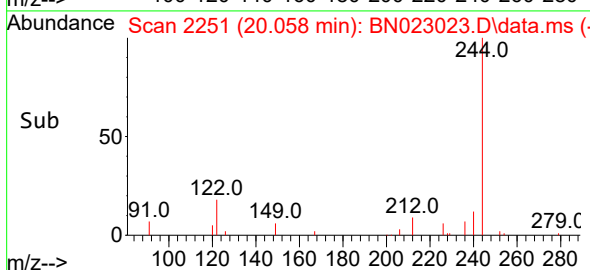
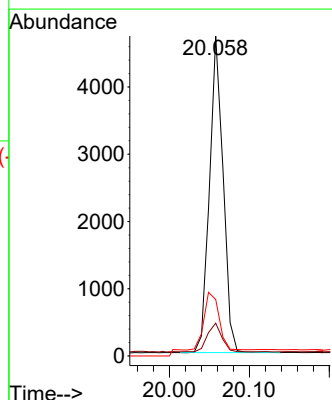
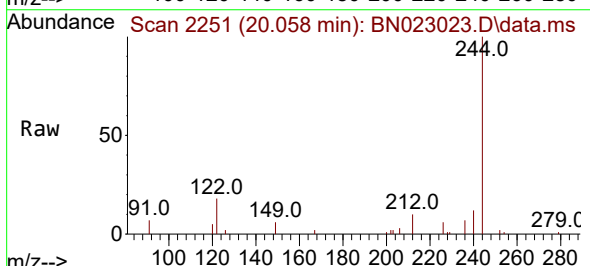
Tgt Ion:244 Resp: 5572

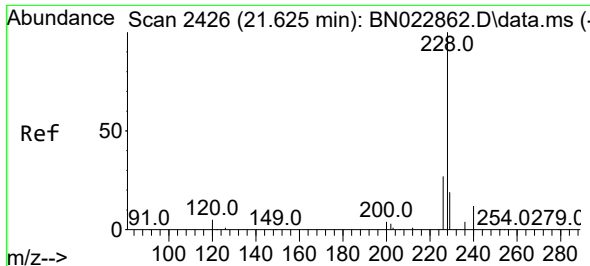
Ion Ratio Lower Upper

244 100

212 10.2 7.9 11.9

122 17.6 13.9 20.9

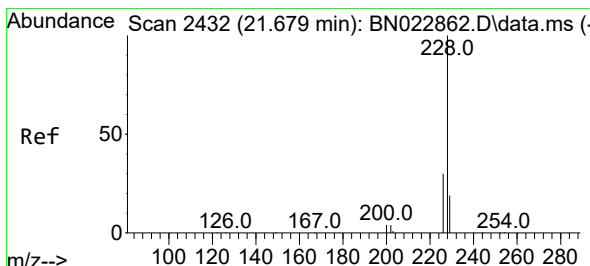
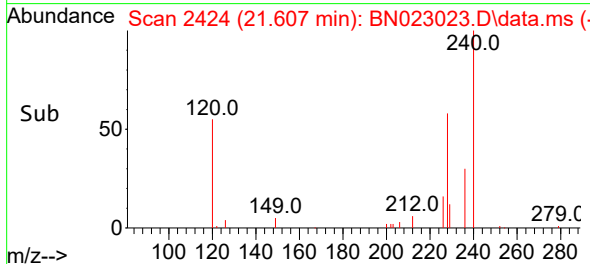
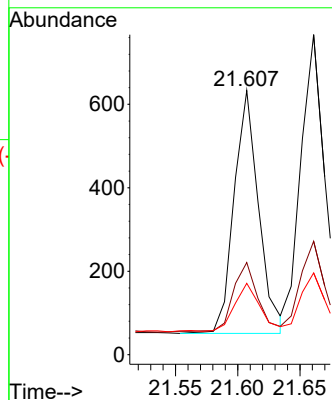
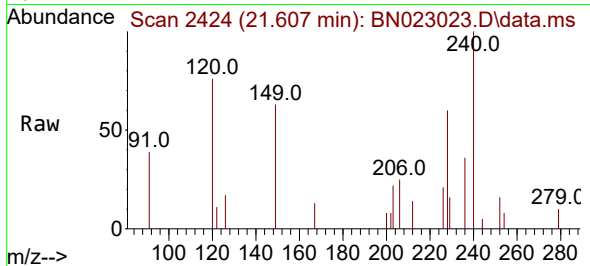




#32
Benzo(a)anthracene
Concen: 0.025 ng
RT: 21.607 min Scan# 2426
Delta R.T. -0.004 min
Lab File: BN023023.D
Acq: 01 Dec 2022 17:57

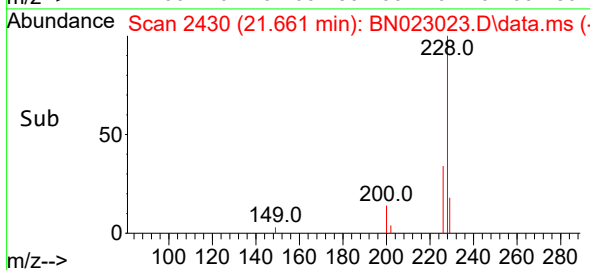
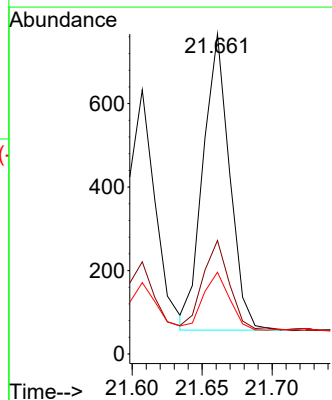
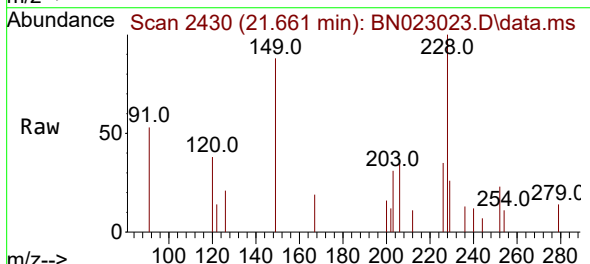
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D2-20221120

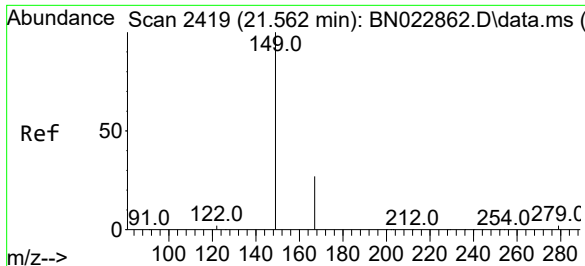
Tgt Ion:228 Resp: 800
Ion Ratio Lower Upper
228 100
226 34.9 22.1 33.1#
229 27.0 15.8 23.6#



#33
Chrysene
Concen: 0.029 ng
RT: 21.661 min Scan# 2430
Delta R.T. -0.004 min
Lab File: BN023023.D
Acq: 01 Dec 2022 17:57

Tgt Ion:228 Resp: 937
Ion Ratio Lower Upper
228 100
226 35.5 24.5 36.7
229 25.6 15.8 23.6#

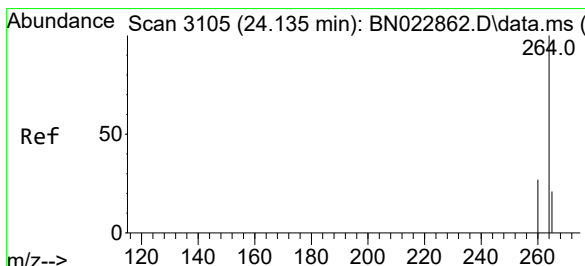
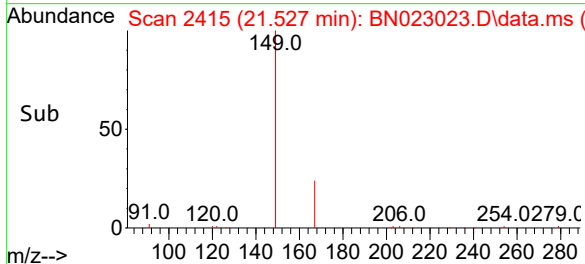
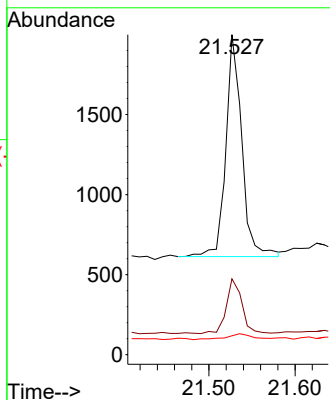
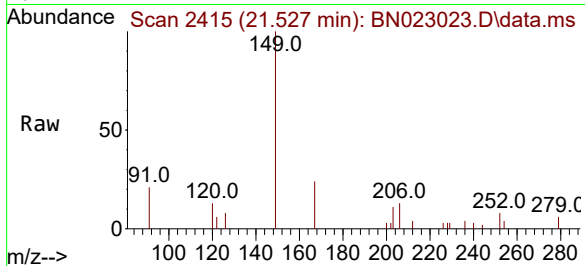




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.141 ng
 RT: 21.527 min Scan# 2415
 Delta R.T. -0.013 min
 Lab File: BN023023.D
 Acq: 01 Dec 2022 17:57

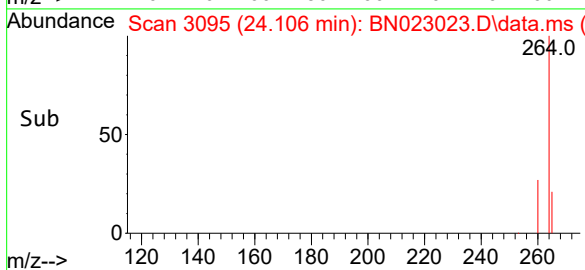
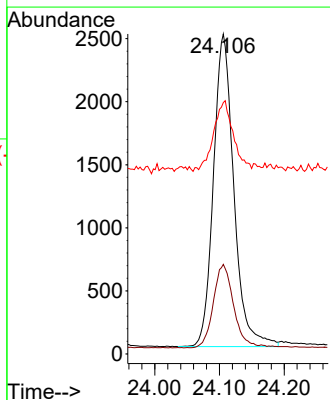
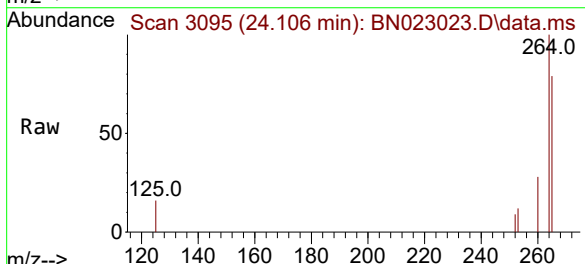
Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW01D2-20221120

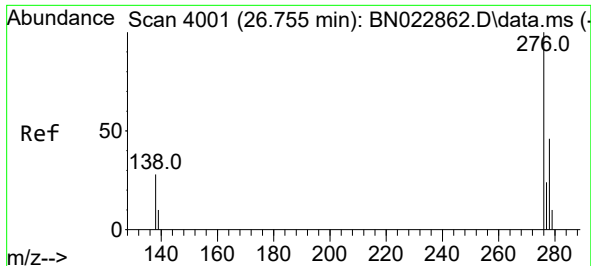
Tgt Ion:149 Resp: 1779
 Ion Ratio Lower Upper
 149 100
 167 23.8 21.3 31.9
 279 4.4 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.106 min Scan# 3095
 Delta R.T. -0.007 min
 Lab File: BN023023.D
 Acq: 01 Dec 2022 17:57

Tgt Ion:264 Resp: 5418
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.7 32.5
 265 78.6 31.0 46.4#

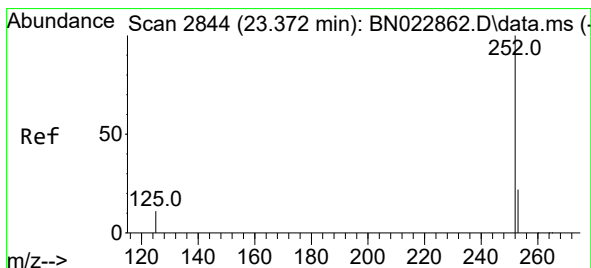
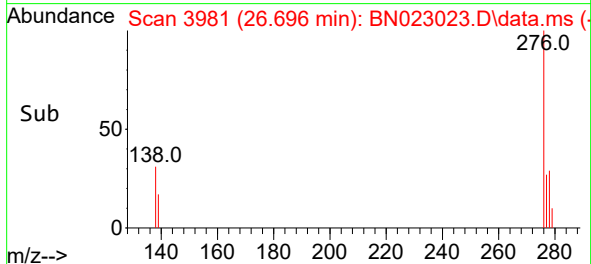
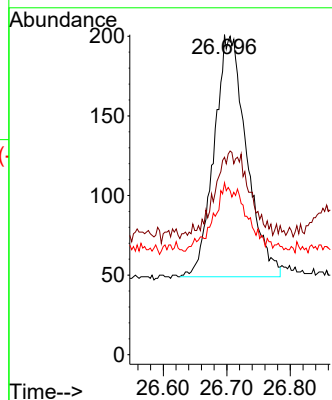
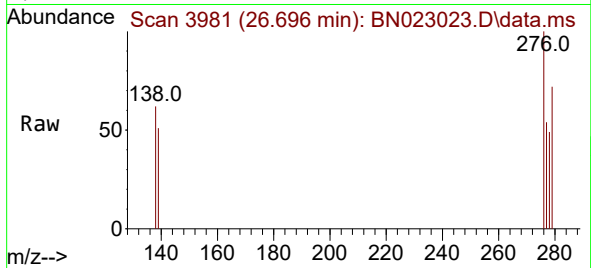




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng
RT: 26.696 min Scan# 3981
Delta R.T. -0.022 min
Lab File: BN023023.D
Acq: 01 Dec 2022 17:57

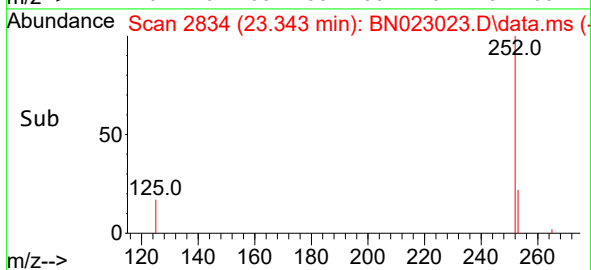
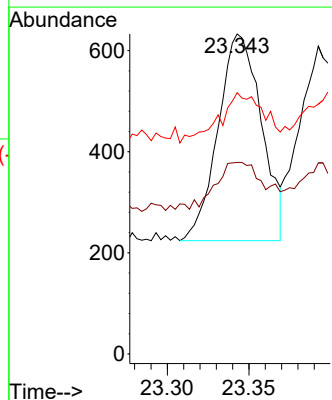
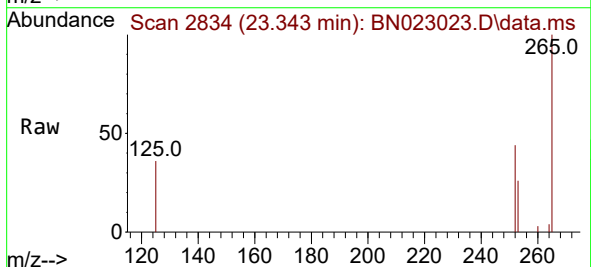
Instrument :
BNA_N
ClientSampleId :
RW9-MW01D2-20221120

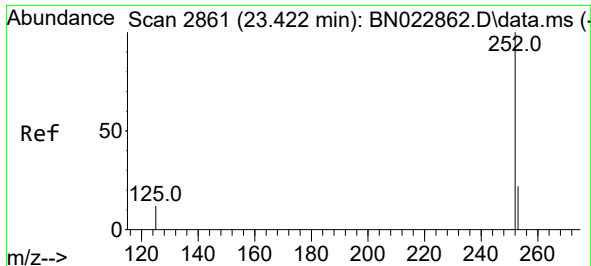
Tgt Ion:276 Resp: 538
Ion Ratio Lower Upper
276 100
138 19.0 24.4 36.6#
277 15.6 19.9 29.9#



#37
Benzo(b)fluoranthene
Concen: 0.031 ng
RT: 23.343 min Scan# 2834
Delta R.T. -0.007 min
Lab File: BN023023.D
Acq: 01 Dec 2022 17:57

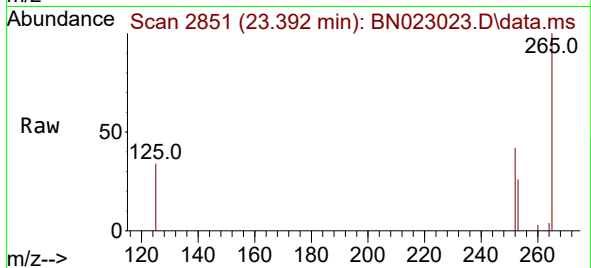
Tgt Ion:252 Resp: 758
Ion Ratio Lower Upper
252 100
253 59.9 18.5 27.7#
125 81.7 10.8 16.2#



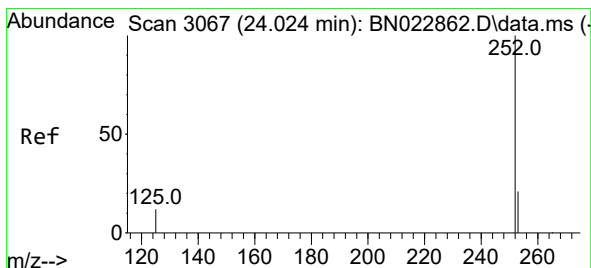
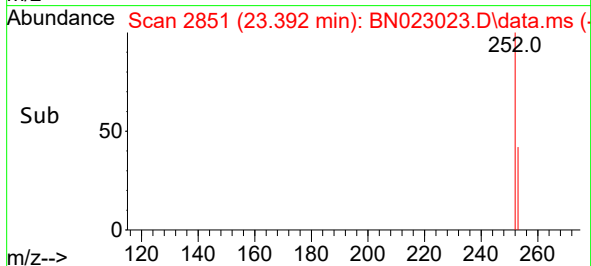
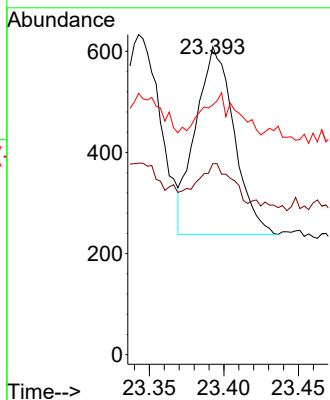


#38
Benzo(k)fluoranthene
Concen: 0.025 ng
RT: 23.392 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN023023.D
Acq: 01 Dec 2022 17:57

Instrument :
BNA_N
ClientSampleId :
RW9-MW01D2-20221120

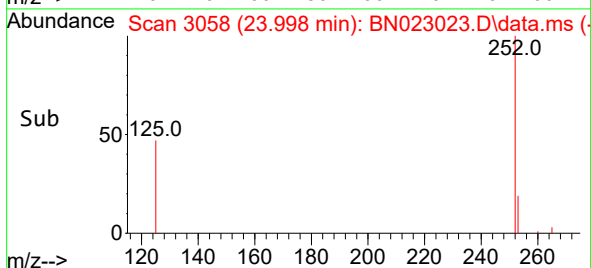
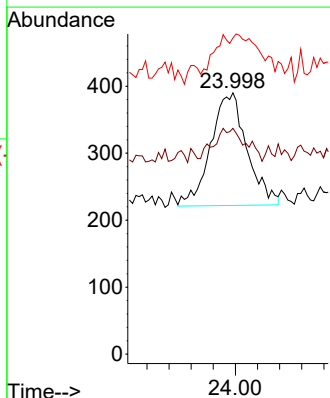
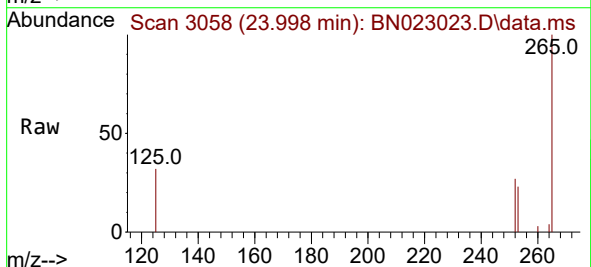


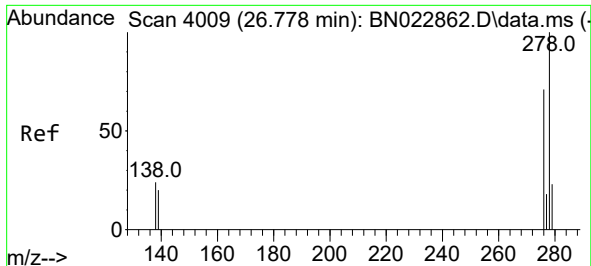
Tgt Ion:252 Resp: 664
Ion Ratio Lower Upper
252 100
253 62.1 18.6 27.8#
125 81.1 11.0 16.4#



#39
Benzo(a)pyrene
Concen: 0.021 ng
RT: 23.998 min Scan# 3058
Delta R.T. -0.004 min
Lab File: BN023023.D
Acq: 01 Dec 2022 17:57

Tgt Ion:252 Resp: 382
Ion Ratio Lower Upper
252 100
253 86.4 19.2 28.8#
125 121.0 12.7 19.1#

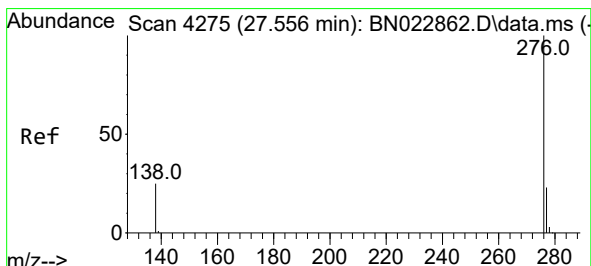
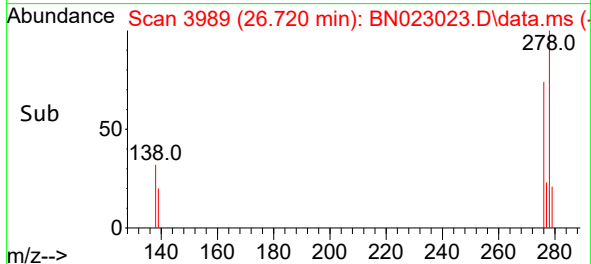
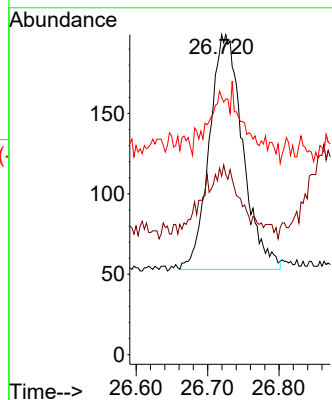
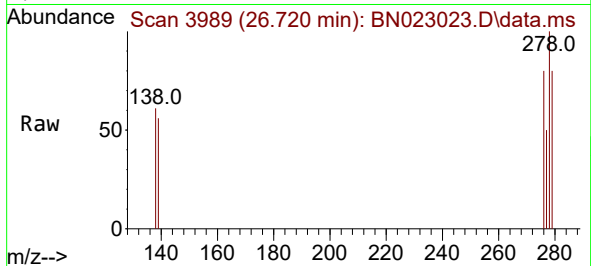




#40
Dibenzo(a,h)anthracene
Concen: 0.026 ng
RT: 26.720 min Scan# 3989
Delta R.T. -0.019 min
Lab File: BN023023.D
Acq: 01 Dec 2022 17:57

Instrument :
BNA_N
ClientSampleId :
RW9-MW01D2-20221120

Tgt Ion:278 Resp: 473
Ion Ratio Lower Upper
278 100
139 55.8 17.4 26.0#
279 80.4 20.0 30.0#



#41
Benzo(g,h,i)perylene
Concen: 0.023 ng
RT: 27.503 min Scan# 4257
Delta R.T. -0.010 min
Lab File: BN023023.D
Acq: 01 Dec 2022 17:57

Tgt Ion:276 Resp: 451
Ion Ratio Lower Upper
276 100
277 50.8 19.7 29.5#
138 63.1 21.4 32.2#

