

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120522\
 Data File : BN023068.D
 Acq On : 05 Dec 2022 21:32
 Operator : CG/JU
 Sample : N5867-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-7

Quant Time: Dec 06 04:29:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 04:02:46 2022
 Response via : Initial Calibration

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

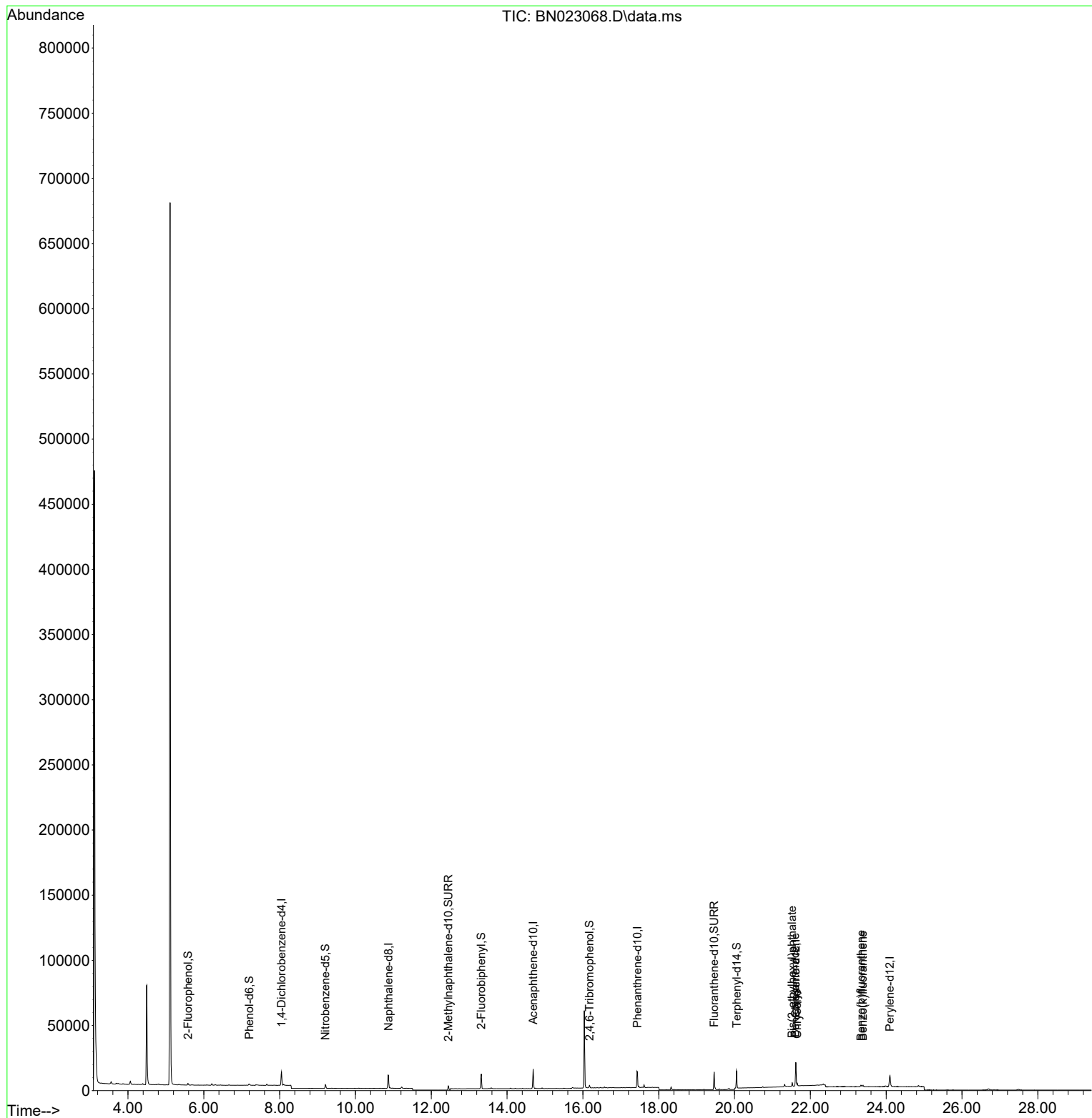
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	4770	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	14281	0.400	ng	# 0.01
13) Acenaphthene-d10	14.687	164	7876	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	18241	0.400	ng	# 0.01
29) Chrysene-d12	21.616	240	15369	0.400	ng	0.00
35) Perylene-d12	24.097	264	12767	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.586	112	984	0.092	ng	0.00
5) Phenol-d6	7.197	99	848	0.060	ng	0.00
8) Nitrobenzene-d5	9.206	82	2288	0.213	ng	0.00
11) 2-Methylnaphthalene-d10	12.450	152	4532	0.233	ng	0.00
14) 2,4,6-Tribromophenol	16.173	330	920	0.282	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	9329	0.264	ng	0.00
27) Fluoranthene-d10	19.460	212	13846	0.266	ng	0.00
31) Terphenyl-d14	20.058	244	10936	0.348	ng	0.00
Target Compounds						
						Qvalue
32) Benzo(a)anthracene	21.598	228	1388	0.024	ng	# 91
33) Chrysene	21.652	228	1690	0.027	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.517	149	2945	0.132	ng	99
37) Benzo(b)fluoranthene	23.337	252	1474	0.025	ng	# 31
38) Benzo(k)fluoranthene	23.387	252	1371	0.023	ng	# 22

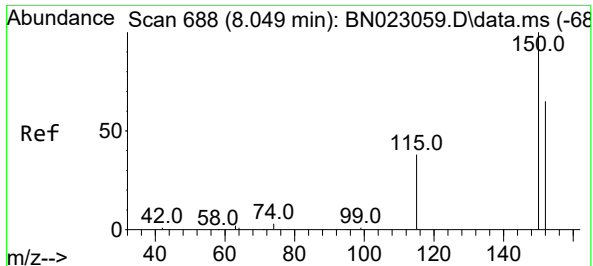
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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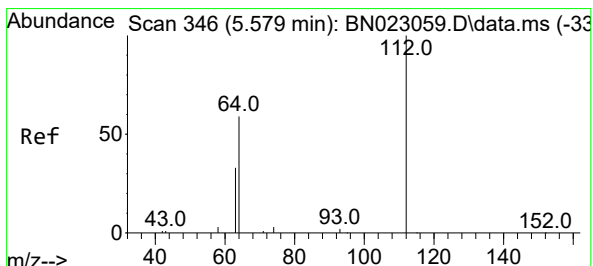
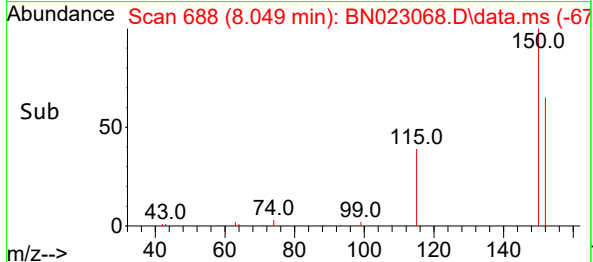
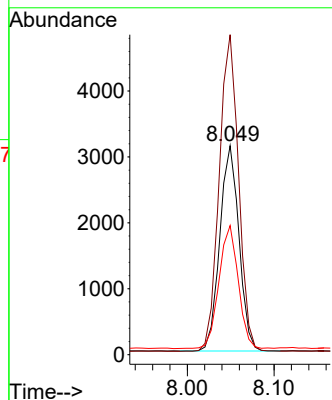
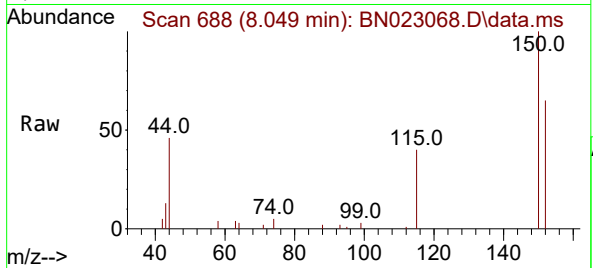




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.049 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32

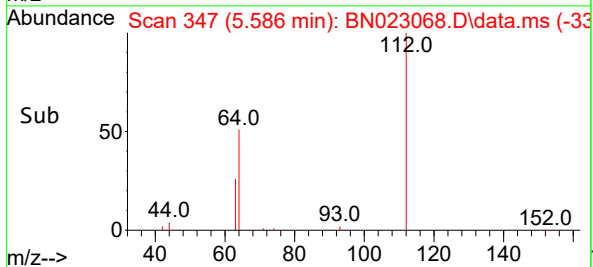
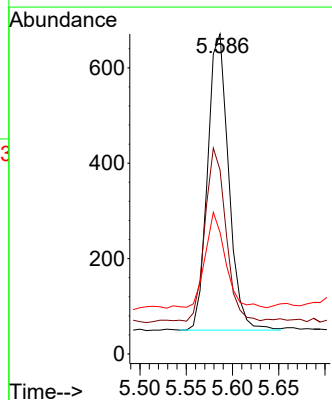
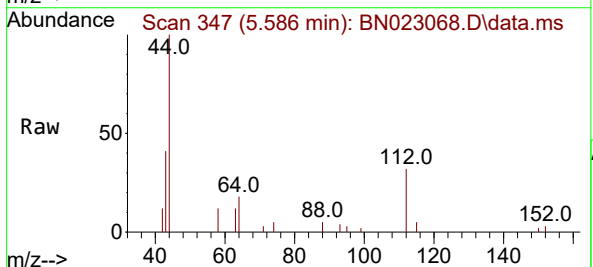
Instrument :
BNA_N
ClientSampleId :
MW-7

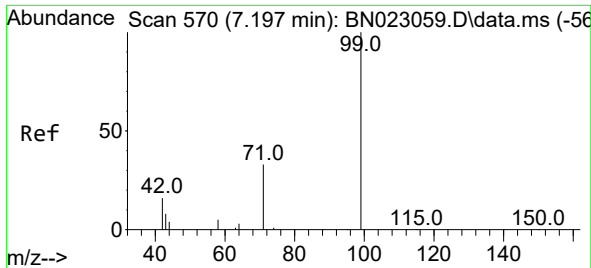
Tgt Ion:152 Resp: 4770
Ion Ratio Lower Upper
152 100
150 153.2 122.3 183.5
115 61.8 48.6 72.8



#4
2-Fluorophenol
Concen: 0.092 ng
RT: 5.586 min Scan# 347
Delta R.T. 0.007 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32

Tgt Ion:112 Resp: 984
Ion Ratio Lower Upper
112 100
64 56.7 46.2 69.4
63 31.8 25.1 37.7

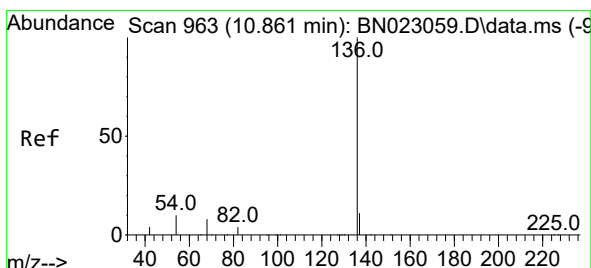
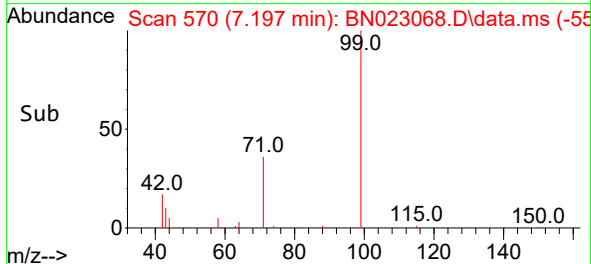
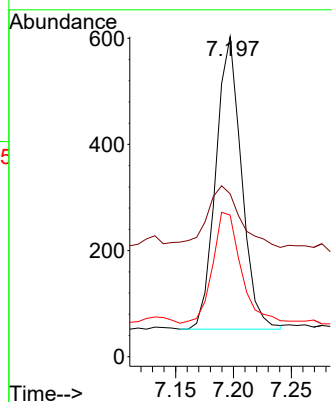
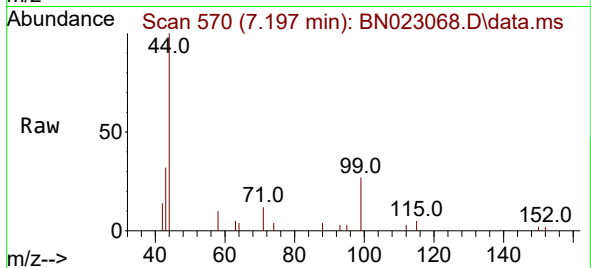




#5
Phenol-d6
Concen: 0.060 ng
RT: 7.197 min Scan# 570
Delta R.T. -0.000 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32

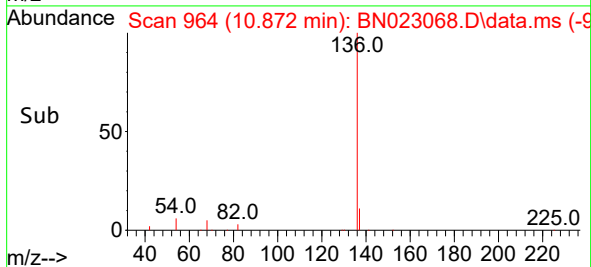
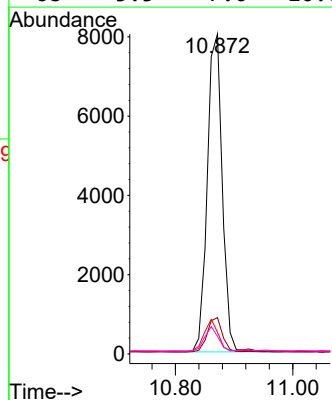
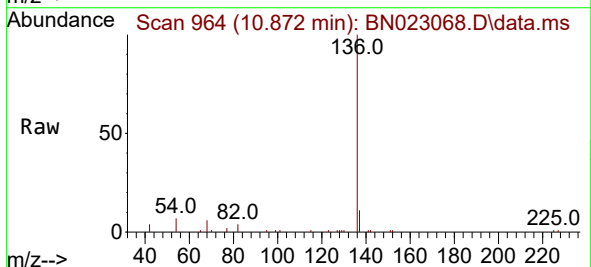
Instrument :
BNA_N
ClientSampleId :
MW-7

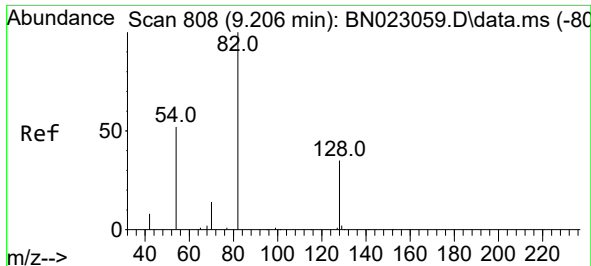
Tgt Ion: 99 Resp: 848
Ion Ratio Lower Upper
99 100
42 27.4 18.1 27.1#
71 42.2 28.2 42.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 964
Delta R.T. 0.011 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32

Tgt Ion: 136 Resp: 14281
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.2
54 6.8 8.8 13.2#
68 5.5 7.0 10.6#

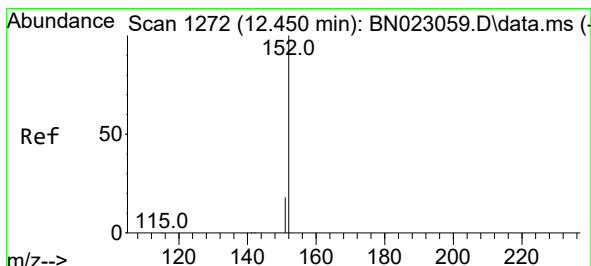
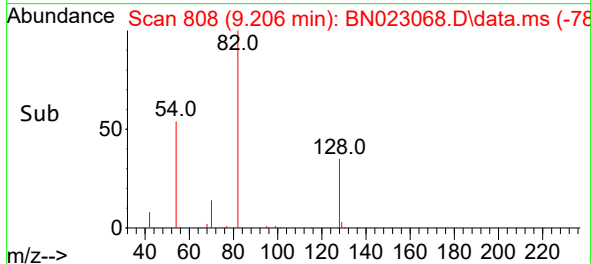
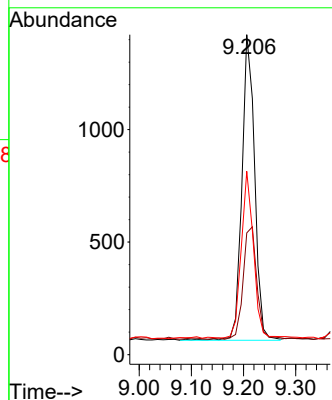
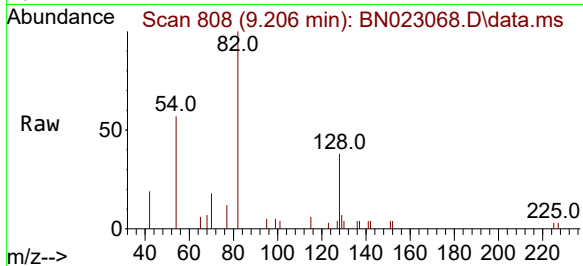




#8
Nitrobenzene-d5
Concen: 0.213 ng
RT: 9.206 min Scan# 808
Delta R.T. -0.000 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32

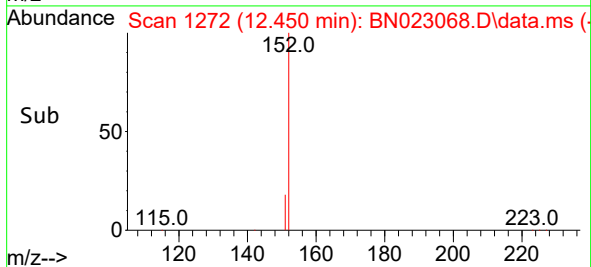
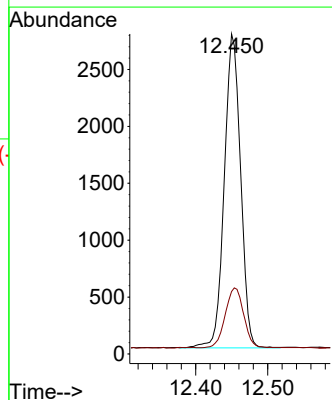
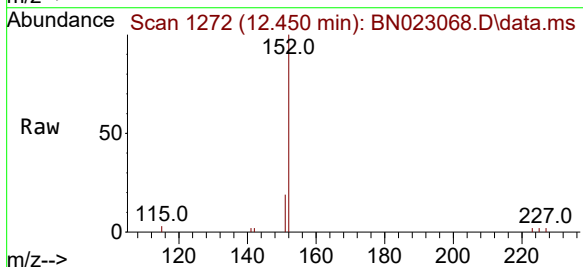
Instrument :
BNA_N
ClientSampleId :
MW-7

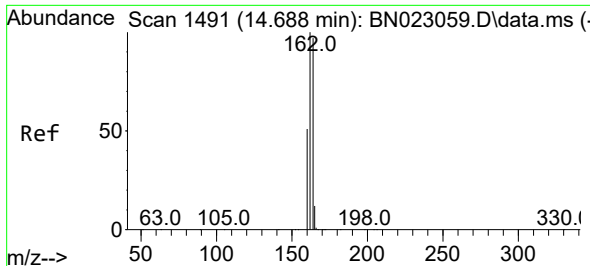
Tgt Ion: 82 Resp: 2288
Ion Ratio Lower Upper
82 100
128 38.0 29.9 44.9
54 57.3 44.2 66.2



#11
2-Methylnaphthalene-d10
Concen: 0.233 ng
RT: 12.450 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32

Tgt Ion: 152 Resp: 4532
Ion Ratio Lower Upper
152 100
151 21.8 18.9 28.3

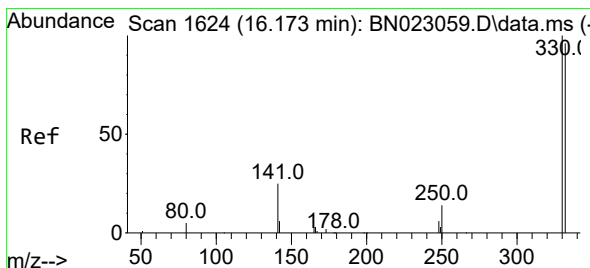
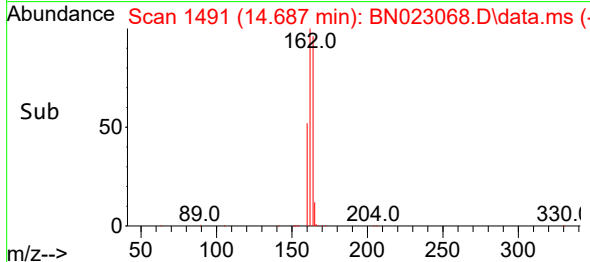
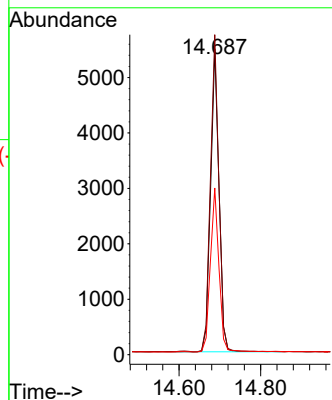
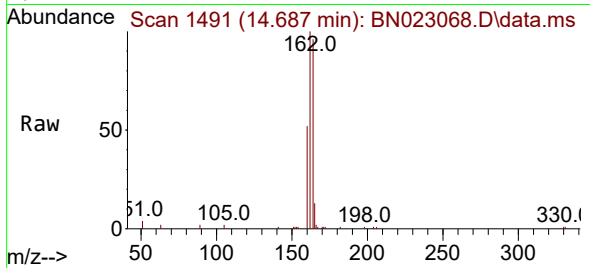




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.687 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32

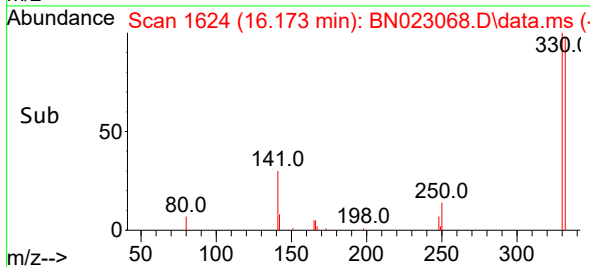
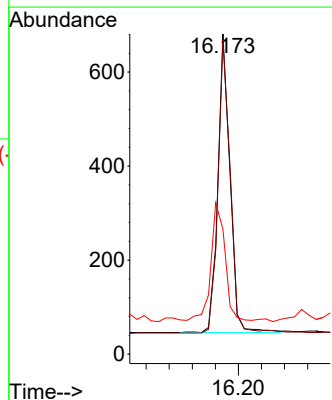
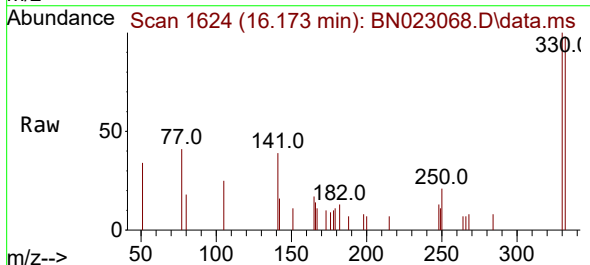
Instrument :
BNA_N
ClientSampleId :
MW-7

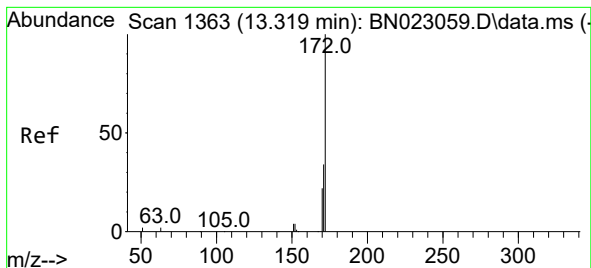
Tgt Ion:164 Resp: 7876
Ion Ratio Lower Upper
164 100
162 104.6 82.7 124.1
160 54.5 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 16.173 min Scan# 1624
Delta R.T. -0.000 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32

Tgt Ion:330 Resp: 920
Ion Ratio Lower Upper
330 100
332 98.5 77.1 115.7
141 44.9 36.7 55.1





#15

2-Fluorobiphenyl

Concen: 0.264 ng

RT: 13.319 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN023068.D

Acq: 05 Dec 2022 21:32

Instrument :

BNA_N

ClientSampleId :

MW-7

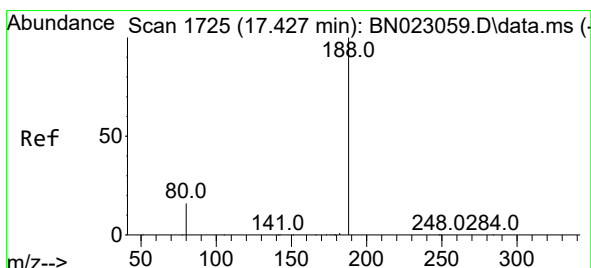
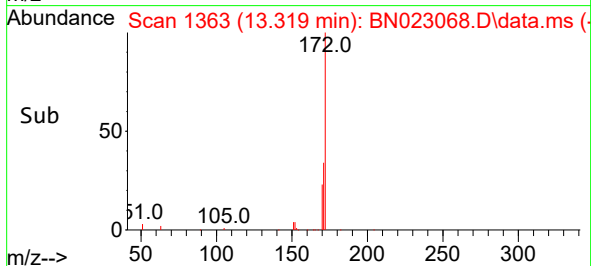
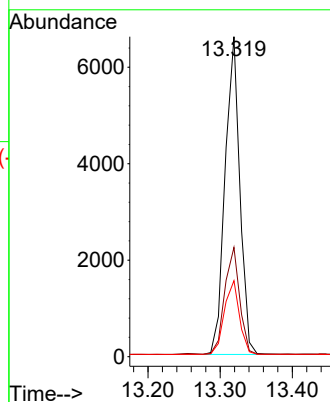
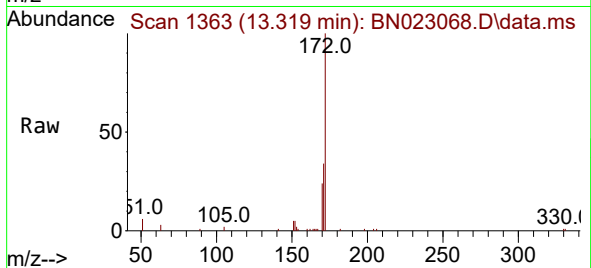
Tgt Ion:172 Resp: 9329

Ion Ratio Lower Upper

172 100

171 34.1 27.3 40.9

170 23.8 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.439 min Scan# 1726

Delta R.T. 0.012 min

Lab File: BN023068.D

Acq: 05 Dec 2022 21:32

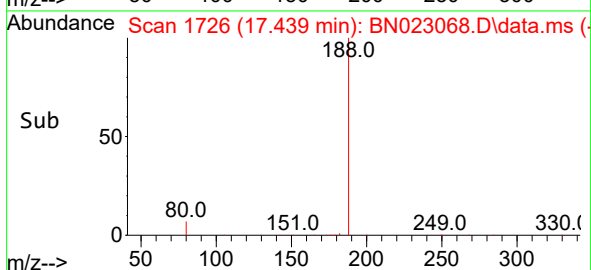
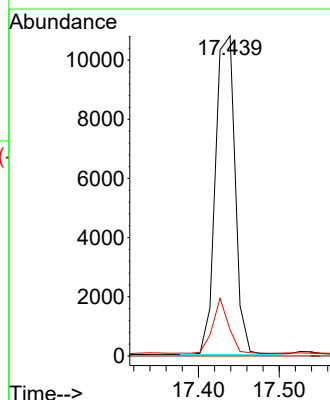
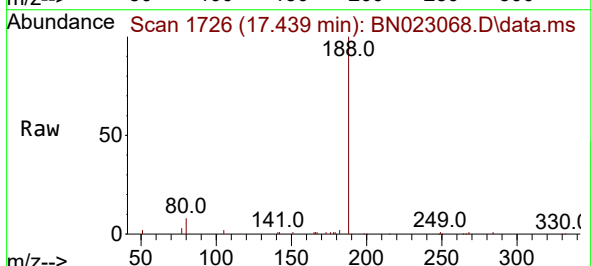
Tgt Ion:188 Resp: 18241

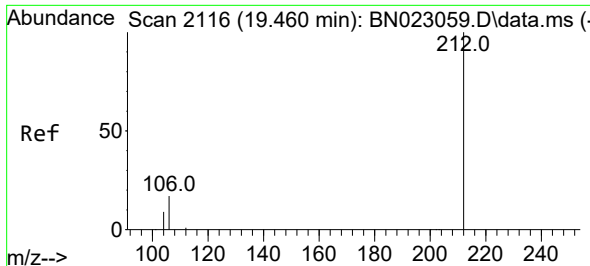
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.2 13.3 19.9#

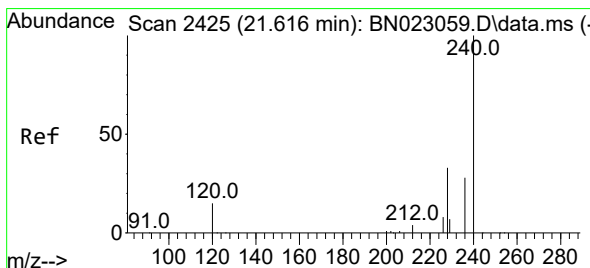
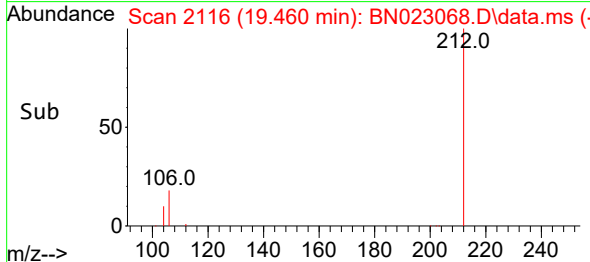
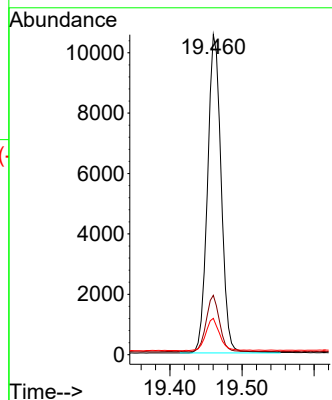
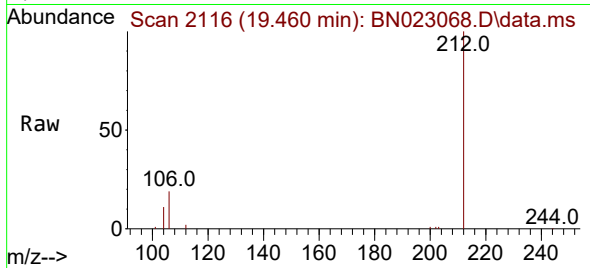




#27
Fluoranthene-d10
Concen: 0.266 ng
RT: 19.460 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32

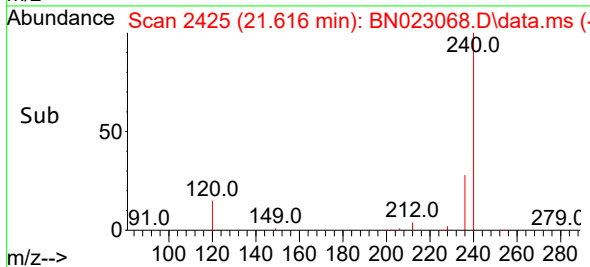
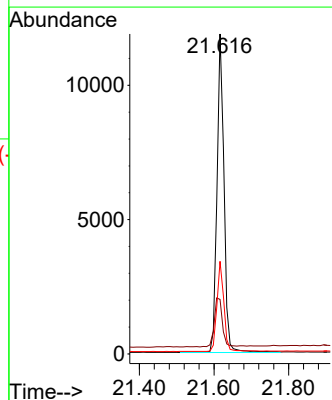
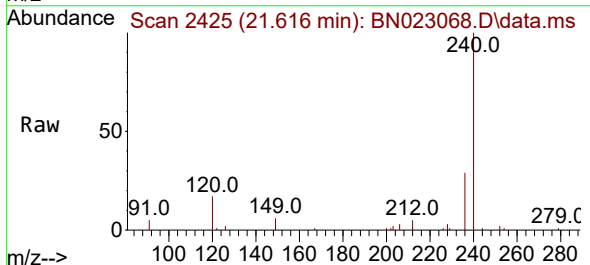
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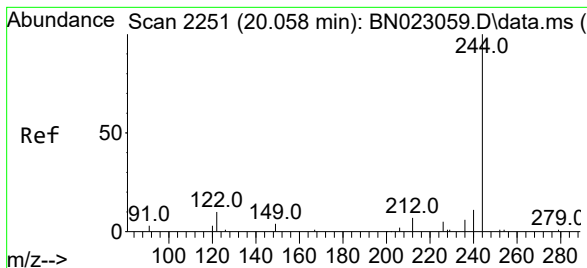
Tgt Ion:212 Resp: 13846
Ion Ratio Lower Upper
212 100
106 17.3 13.3 19.9
104 10.5 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.616 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32

Tgt Ion:240 Resp: 15369
Ion Ratio Lower Upper
240 100
120 17.0 14.2 21.4
236 29.0 22.8 34.2





#31

Terphenyl-d14

Concen: 0.348 ng

RT: 20.058 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN023068.D

Acq: 05 Dec 2022 21:32

Instrument :

BNA_N

ClientSampleId :

MW-7

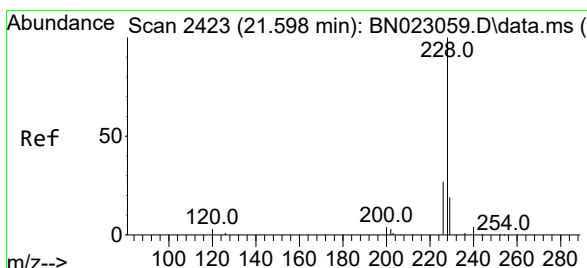
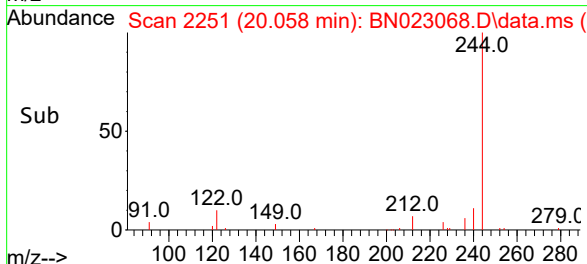
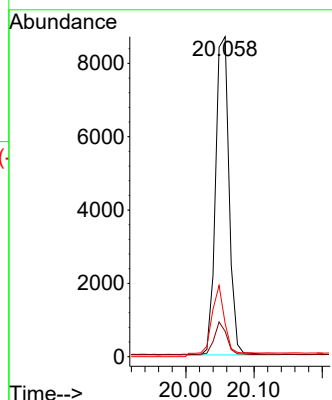
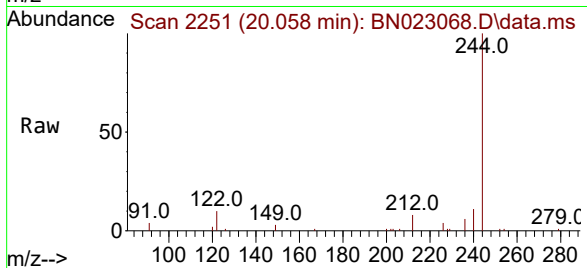
Tgt Ion:244 Resp: 10936

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 10.4 7.7 11.5



#32

Benzo(a)anthracene

Concen: 0.024 ng

RT: 21.598 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BN023068.D

Acq: 05 Dec 2022 21:32

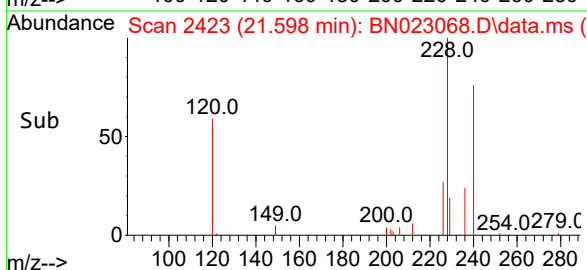
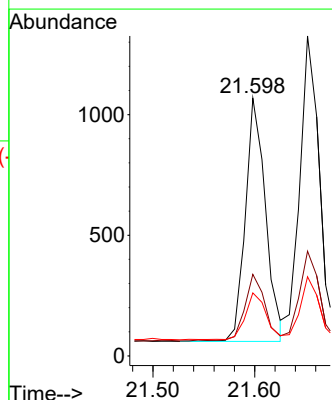
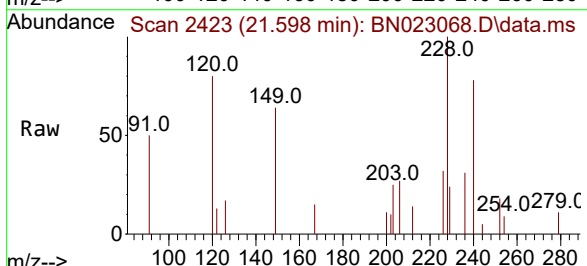
Tgt Ion:228 Resp: 1388

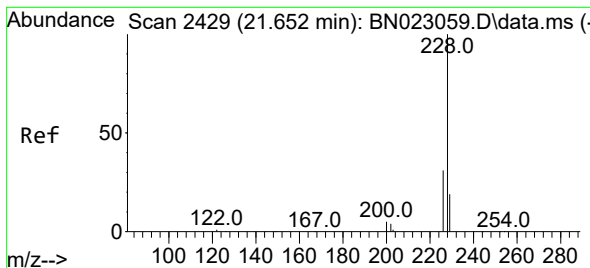
Ion Ratio Lower Upper

228 100

226 31.6 22.2 33.4

229 24.4 15.7 23.5#





#33

Chrysene

Concen: 0.027 ng

RT: 21.652 min Scan# 2429

Delta R.T. -0.000 min

Lab File: BN023068.D

Acq: 05 Dec 2022 21:32

Instrument :

BNA_N

ClientSampleId :

MW-7

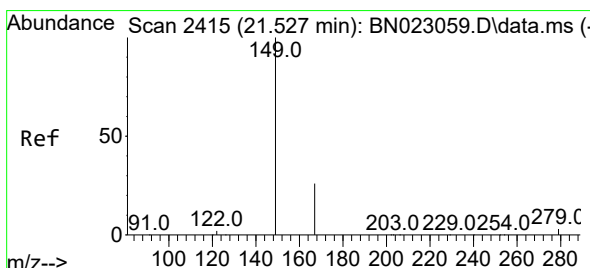
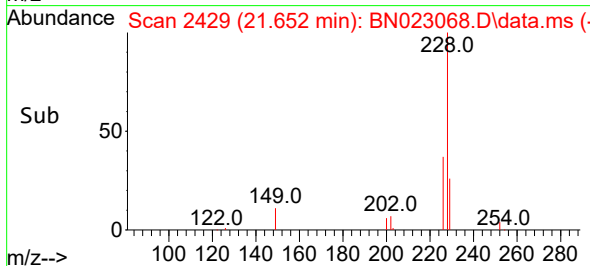
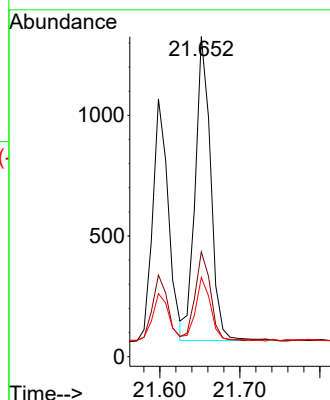
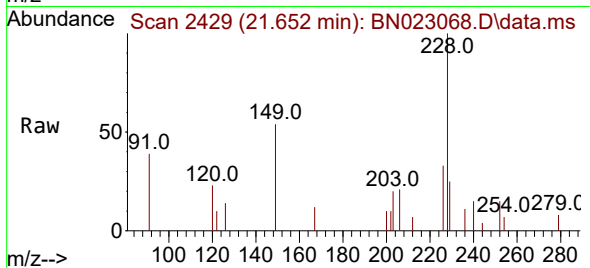
Tgt Ion:228 Resp: 1690

Ion Ratio Lower Upper

228 100

226 32.7 25.0 37.6

229 24.7 15.4 23.0#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.132 ng

RT: 21.517 min Scan# 2414

Delta R.T. -0.010 min

Lab File: BN023068.D

Acq: 05 Dec 2022 21:32

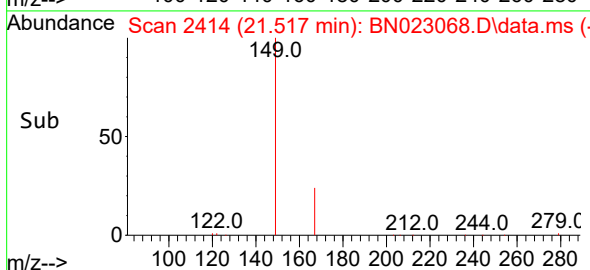
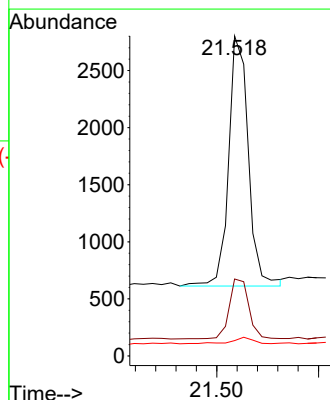
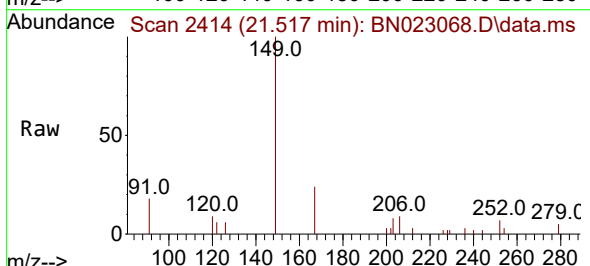
Tgt Ion:149 Resp: 2945

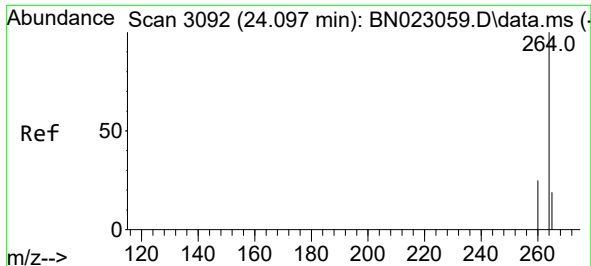
Ion Ratio Lower Upper

149 100

167 23.7 19.5 29.3

279 2.9 2.6 4.0

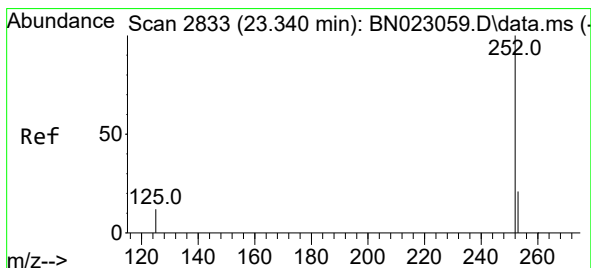
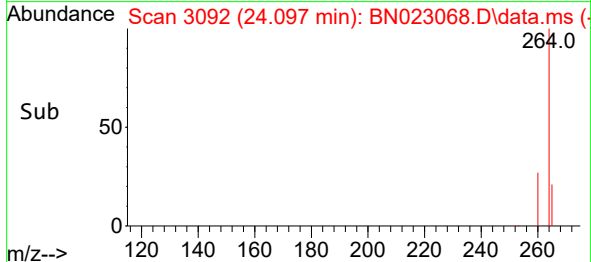
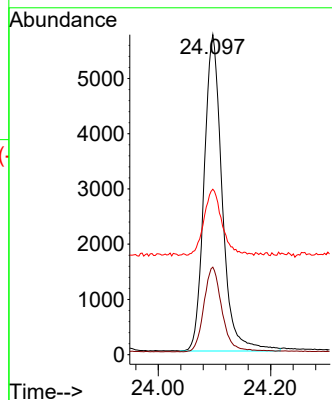
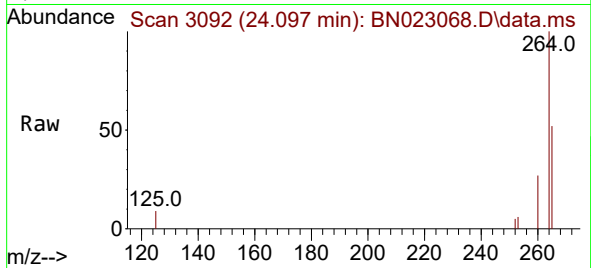




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.097 min Scan# 3092
 Delta R.T. -0.000 min
 Lab File: BN023068.D
 Acq: 05 Dec 2022 21:32

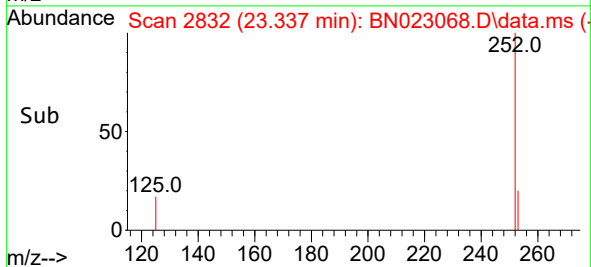
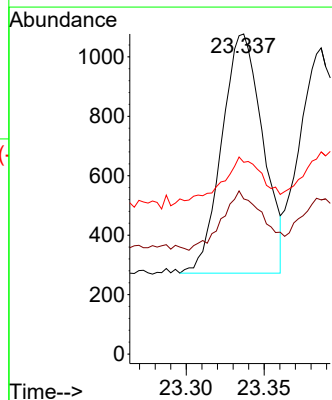
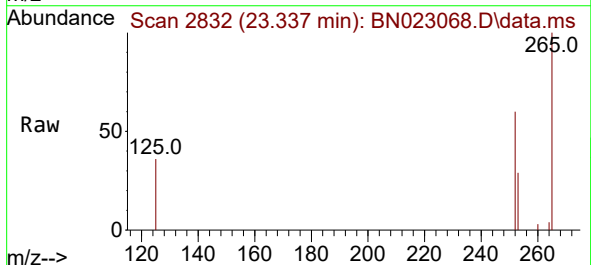
Instrument :
 BNA_N
 ClientSampleId :
 MW-7

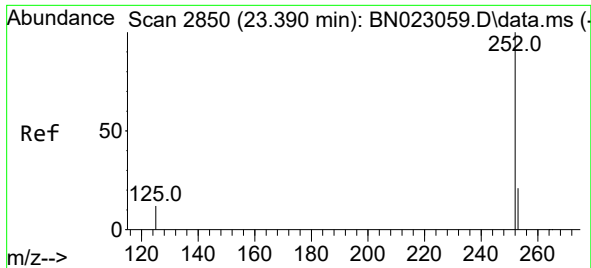
Tgt Ion:	264	Resp:	12767
Ion Ratio	Lower	Upper	
264	100		
260	27.4	21.0	31.4
265	51.7	45.0	67.6



#37
 Benzo(b)fluoranthene
 Concen: 0.025 ng
 RT: 23.337 min Scan# 2832
 Delta R.T. -0.003 min
 Lab File: BN023068.D
 Acq: 05 Dec 2022 21:32

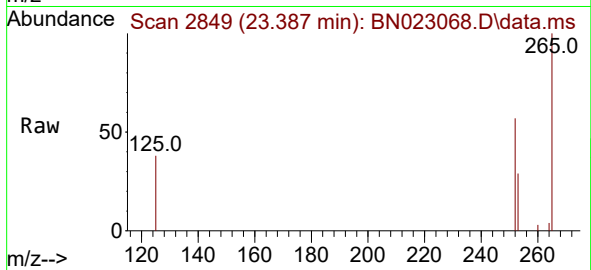
Tgt Ion:	252	Resp:	1474
Ion Ratio	Lower	Upper	
252	100		
253	48.5	19.5	29.3#
125	59.9	13.4	20.2#





#38
Benzo(k)fluoranthene
Concen: 0.023 ng
RT: 23.387 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN023068.D
Acq: 05 Dec 2022 21:32

Instrument :
BNA_N
ClientSampleId :
MW-7



Tgt Ion:252 Resp: 1371
Ion Ratio Lower Upper
252 100
253 50.4 19.4 29.2#
125 66.0 13.5 20.3#

