

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
 Data File : BN023039.D
 Acq On : 02 Dec 2022 05:32
 Operator : CG/JU
 Sample : N5757-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB01-20221121

Quant Time: Dec 02 06:01:57 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)

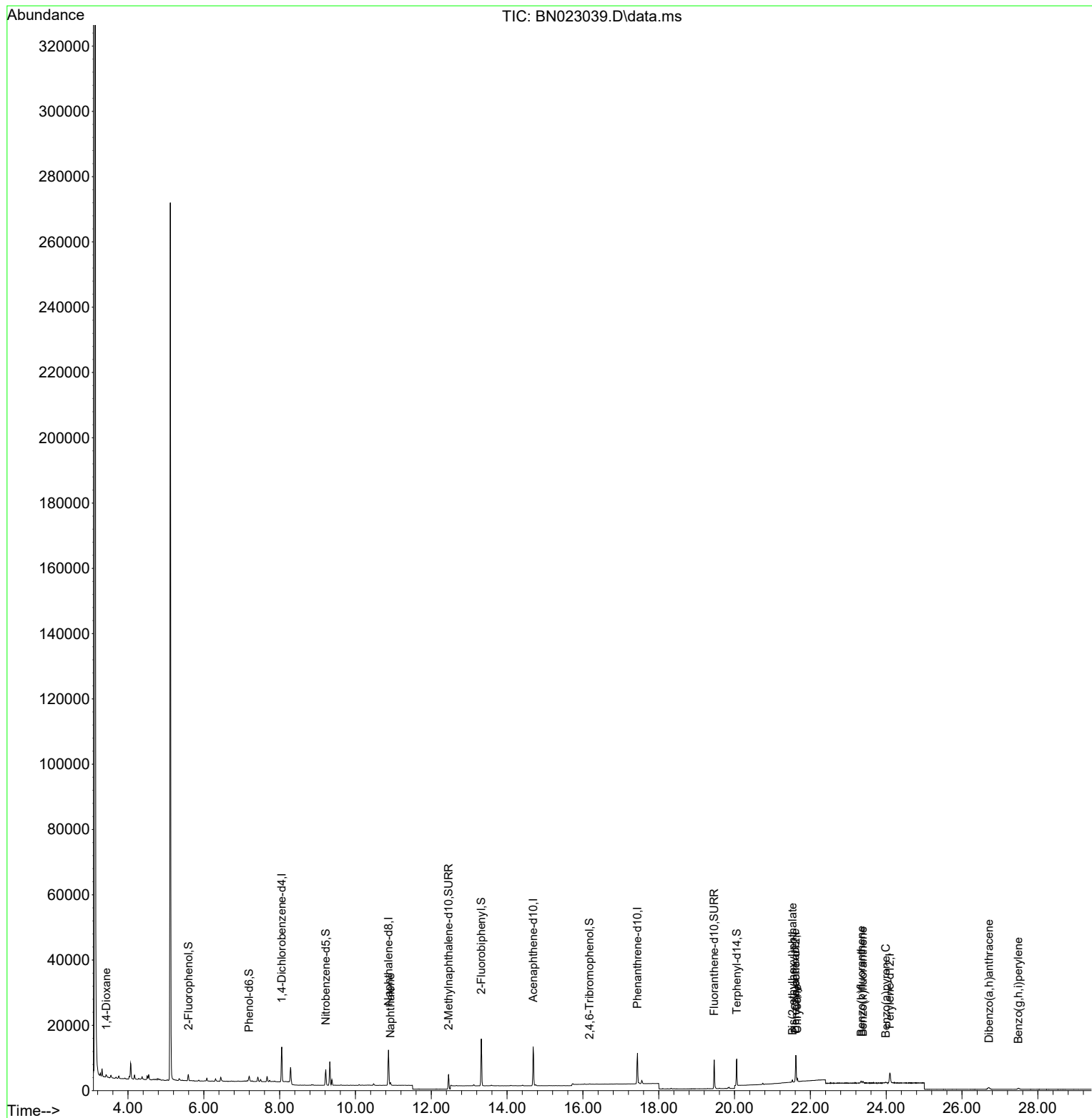
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	5005	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	13612	0.400	ng	0.00
13) Acenaphthene-d10	14.688	164	6630	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	12712	0.400	ng	# 0.00
29) Chrysene-d12	21.616	240	6804	0.400	ng	# 0.00
35) Perylene-d12	24.100	264	4860	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1491	0.115	ng	0.00
5) Phenol-d6	7.197	99	1120	0.068	ng	0.00
8) Nitrobenzene-d5	9.217	82	3649	0.345	ng	0.00
11) 2-Methylnaphthalene-d10	12.457	152	7719	0.261	ng	0.00
14) 2,4,6-Tribromophenol	16.173	330	100	0.031	ng	-0.01
15) 2-Fluorobiphenyl	13.319	172	11301	0.373	ng	0.00
27) Fluoranthene-d10	19.464	212	9309	0.270	ng	0.00
31) Terphenyl-d14	20.058	244	7292	0.456	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.427	88	137	0.022	ng	# 1
9) Naphthalene	10.925	128	1043	0.025	ng	# 84
32) Benzo(a)anthracene	21.598	228	711	0.026	ng	# 85
33) Chrysene	21.652	228	883	0.031	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.526	149	788	0.071	ng	# 91
37) Benzo(b)fluoranthene	23.340	252	827	0.038	ng	# 5
38) Benzo(k)fluoranthene	23.387	252	760	0.032	ng	# 11
39) Benzo(a)pyrene	23.986	252	395	0.024	ng	# 1
40) Dibenzo(a,h)anthracene	26.711	278	587	0.037	ng	# 24
41) Benzo(g,h,i)perylene	27.486	276	668	0.039	ng	# 55

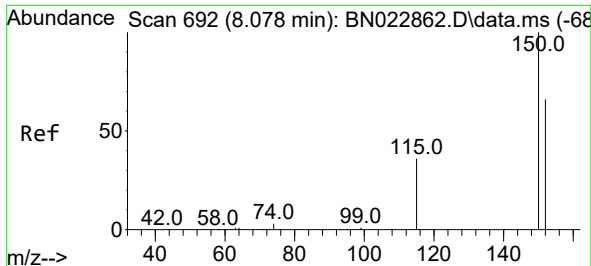
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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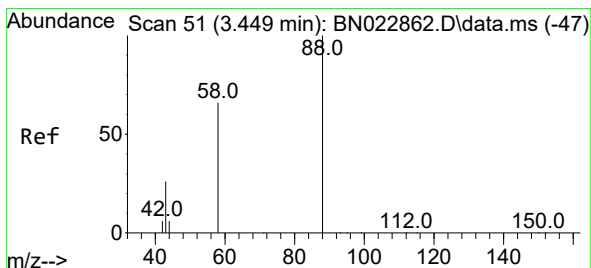
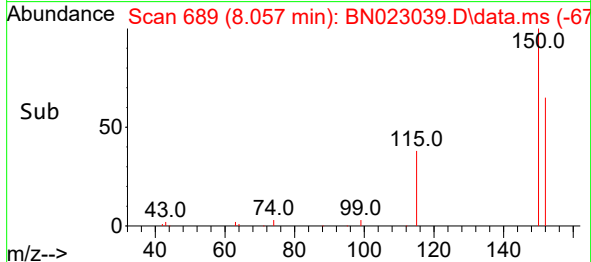
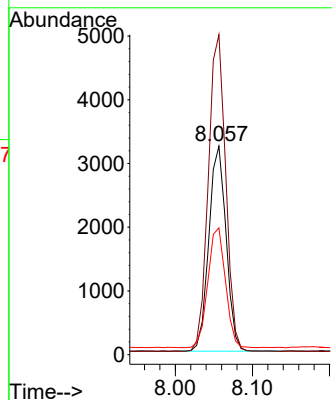
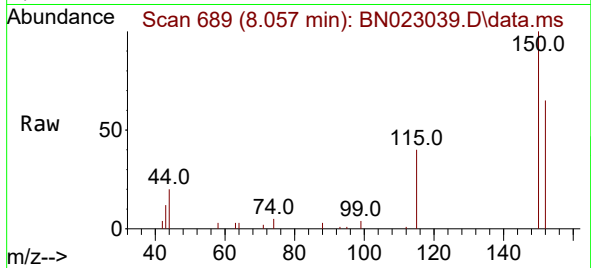




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.057 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN023039.D
 Acq: 02 Dec 2022 05:32

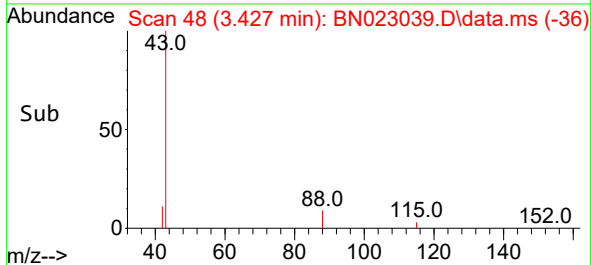
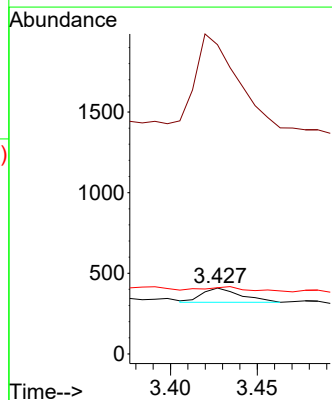
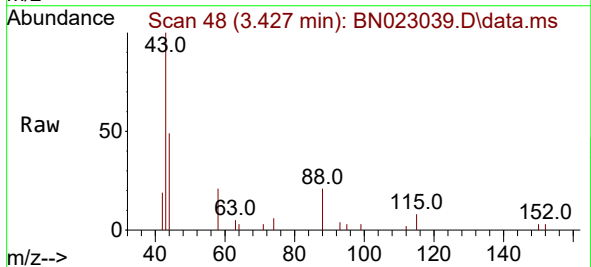
Instrument :
 BNA_N
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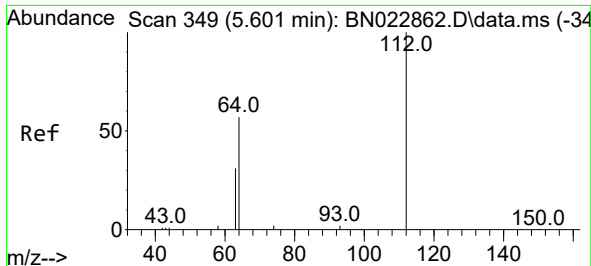
Tgt Ion:152 Resp: 5005
 Ion Ratio Lower Upper
 152 100
 150 153.5 121.2 181.8
 115 60.8 46.2 69.4



#2
 1,4-Dioxane
 Concen: 0.022 ng
 RT: 3.427 min Scan# 48
 Delta R.T. -0.015 min
 Lab File: BN023039.D
 Acq: 02 Dec 2022 05:32

Tgt Ion: 88 Resp: 137
 Ion Ratio Lower Upper
 88 100
 43 819.0 25.4 38.2#
 58 29.2 56.5 84.7#

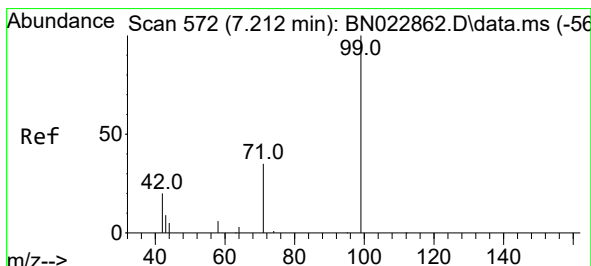
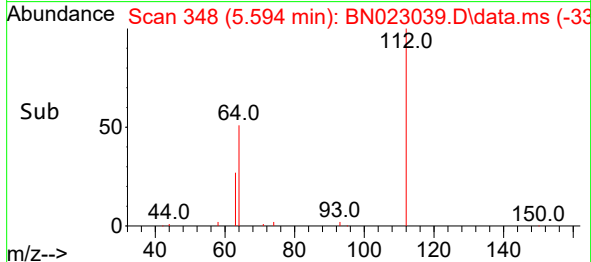
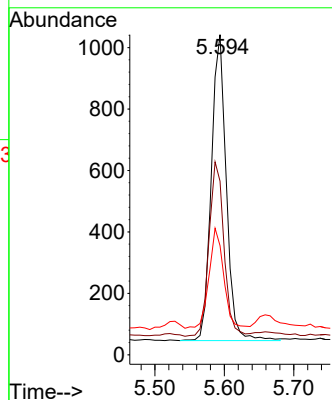
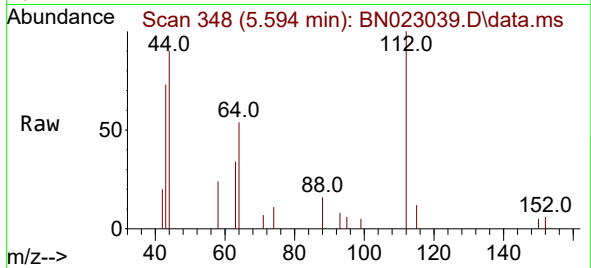




#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.594 min Scan# 34
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

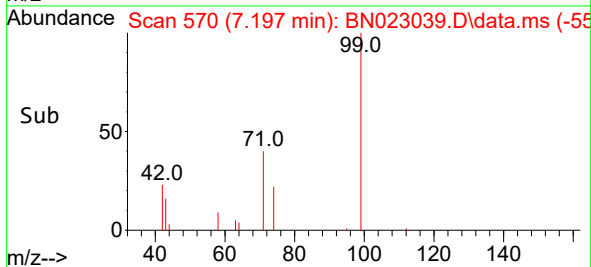
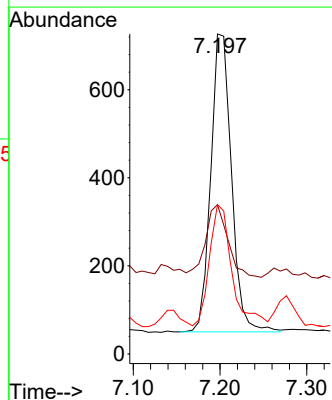
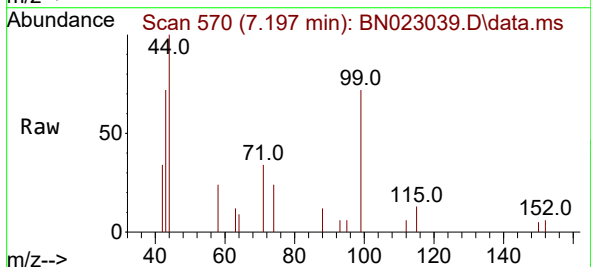
Instrument :
BNA_N
ClientSampleId :
FB01-20221121

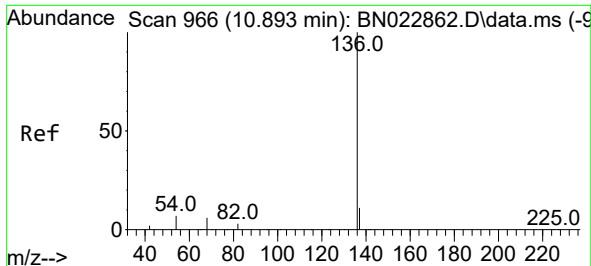
Tgt Ion:112 Resp: 1491
Ion Ratio Lower Upper
112 100
64 57.2 43.4 65.2
63 32.1 23.4 35.2



#5
Phenol-d6
Concen: 0.068 ng
RT: 7.197 min Scan# 570
Delta R.T. -0.007 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

Tgt Ion: 99 Resp: 1120
Ion Ratio Lower Upper
99 100
42 26.1 16.0 24.0#
71 44.7 26.8 40.2#

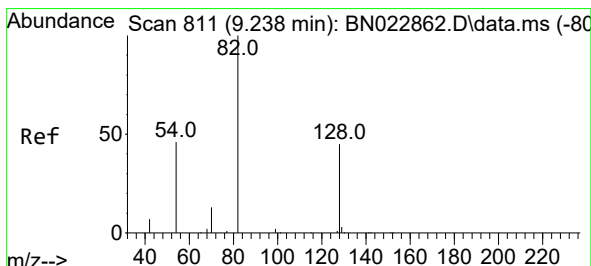
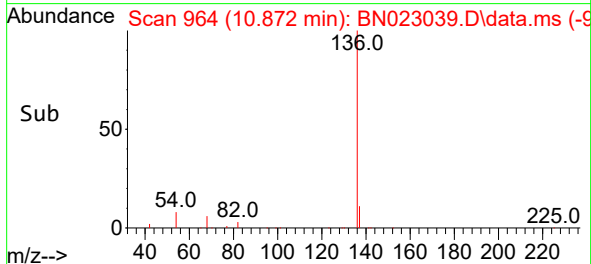
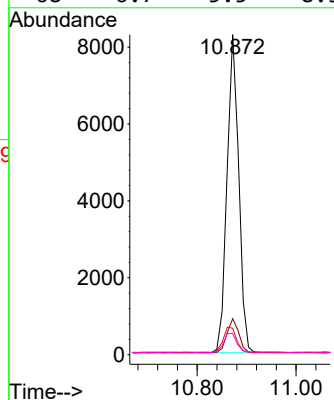
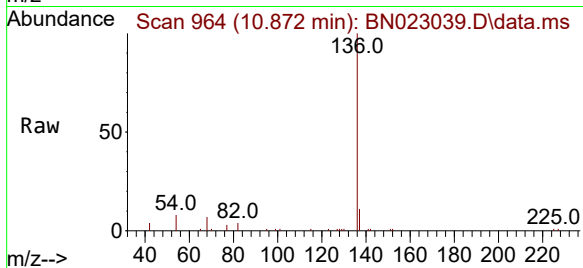




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 90
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

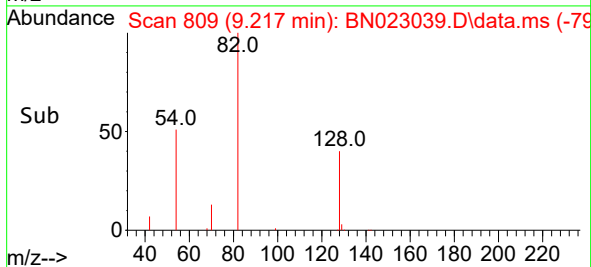
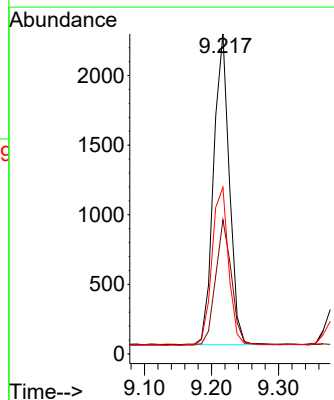
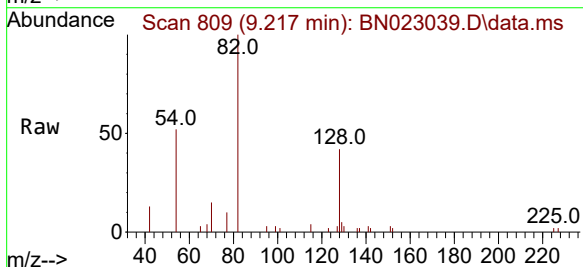
Instrument :
BNA_N
ClientSampleId :
FB01-20221121

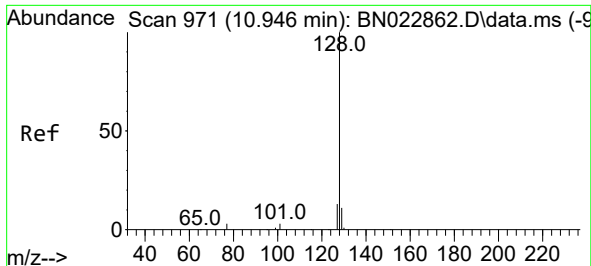
Tgt Ion:136	Resp:	13612
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.4
54	8.3	6.6 9.8
68	6.7	5.5 8.3



#8
Nitrobenzene-d5
Concen: 0.345 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

Tgt Ion: 82	Resp:	3649
Ion Ratio	Lower	Upper
82	100	
128	41.9	36.6 54.8
54	52.1	38.5 57.7

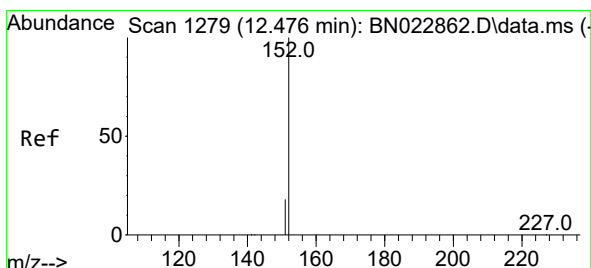
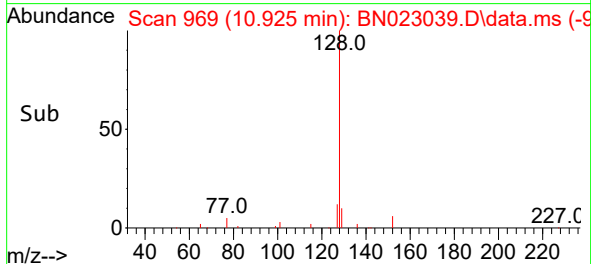
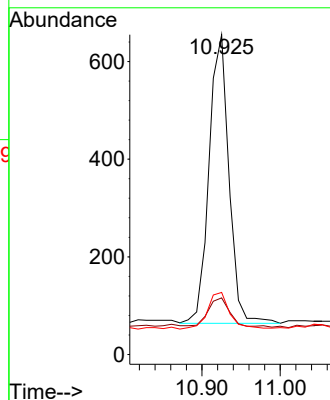
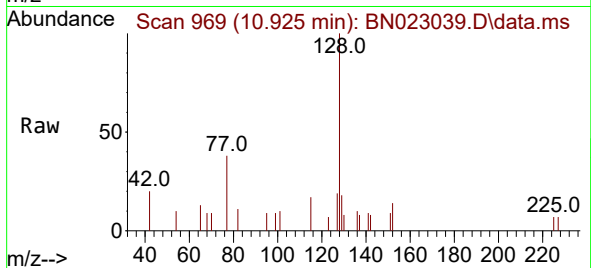




#9
Naphthalene
Concen: 0.025 ng
RT: 10.925 min Scan# 90
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

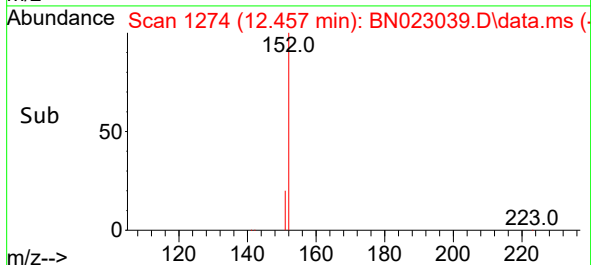
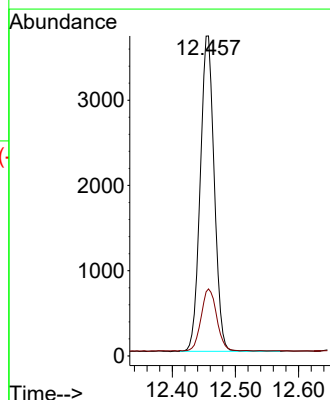
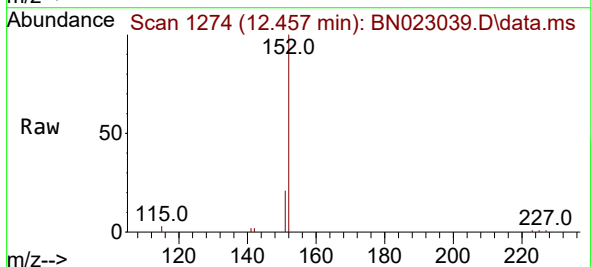
Instrument :
BNA_N
ClientSampleId :
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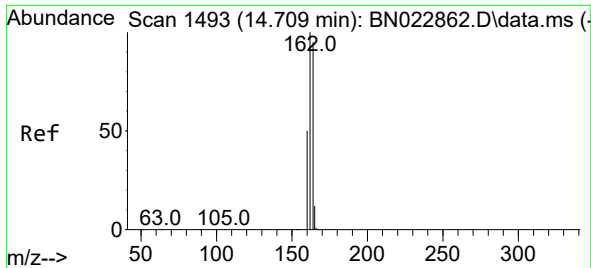
Tgt Ion:128 Resp: 1043
Ion Ratio Lower Upper
128 100
129 17.7 9.0 13.4#
127 19.4 10.8 16.2#



#11
2-Methylnaphthalene-d10
Concen: 0.261 ng
RT: 12.457 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

Tgt Ion:152 Resp: 7719
Ion Ratio Lower Upper
152 100
151 20.4 18.6 27.8

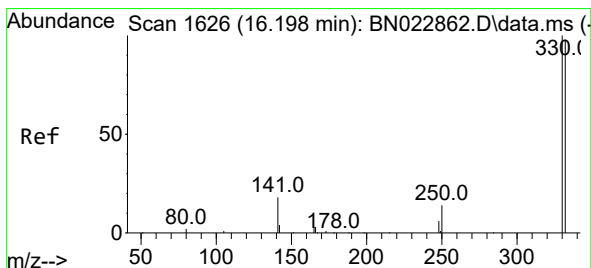
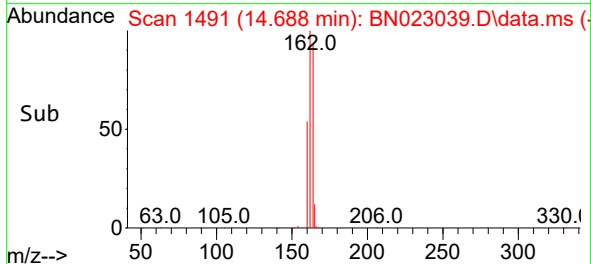
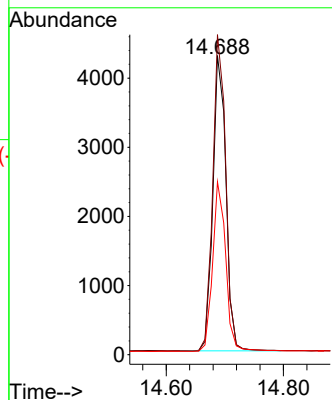
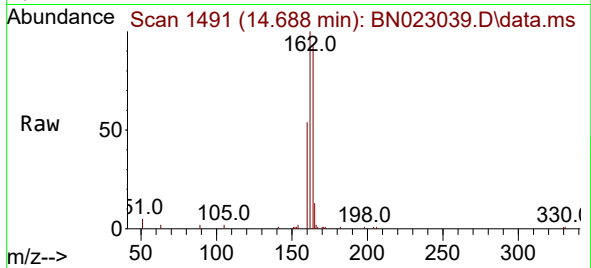




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.688 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

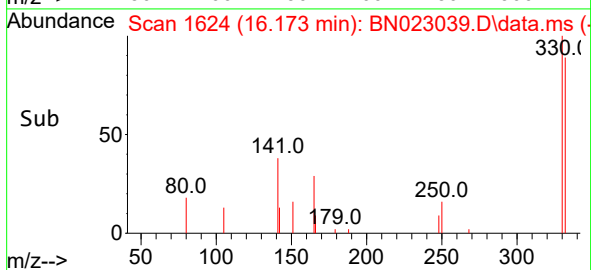
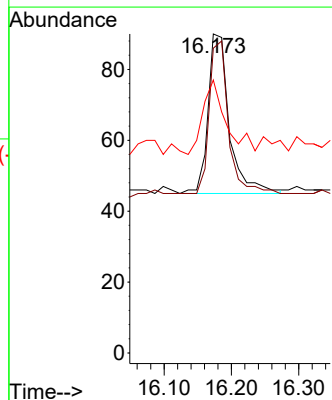
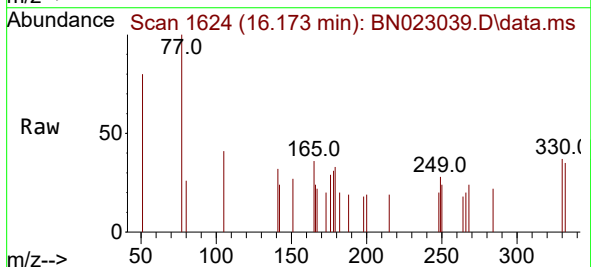
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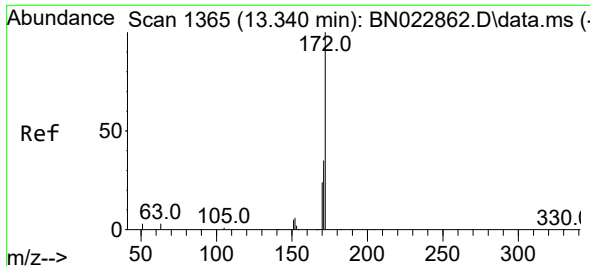
Tgt Ion:164 Resp: 6630
Ion Ratio Lower Upper
164 100
162 107.0 84.2 126.4
160 57.8 42.5 63.7



#14
2,4,6-Tribromophenol
Concen: 0.031 ng
RT: 16.173 min Scan# 1624
Delta R.T. -0.013 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

Tgt Ion:330 Resp: 100
Ion Ratio Lower Upper
330 100
332 85.0 76.5 114.7
141 51.0 32.6 48.8#

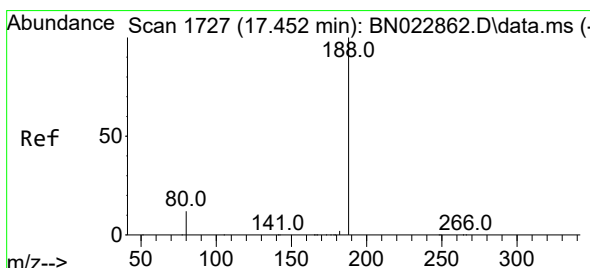
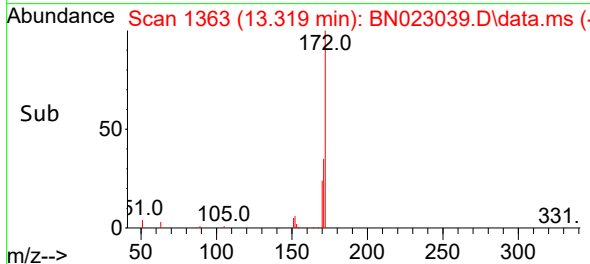
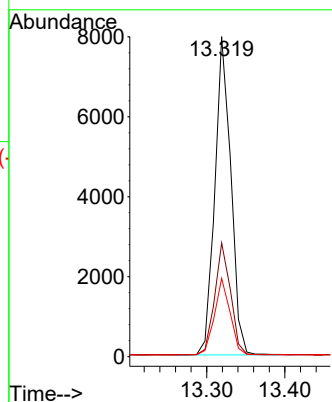
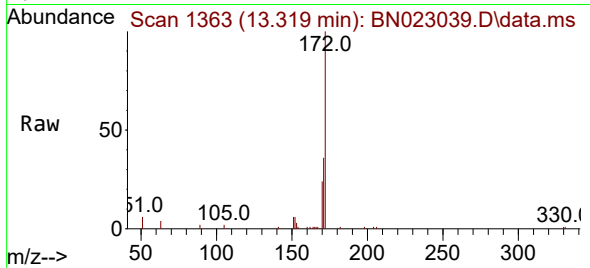




#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.319 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

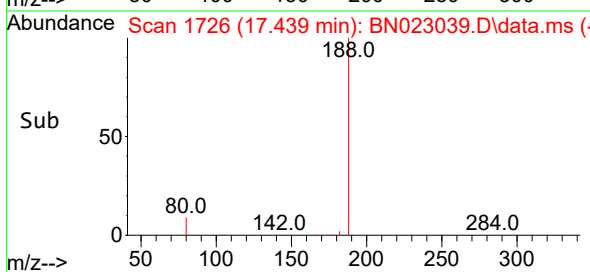
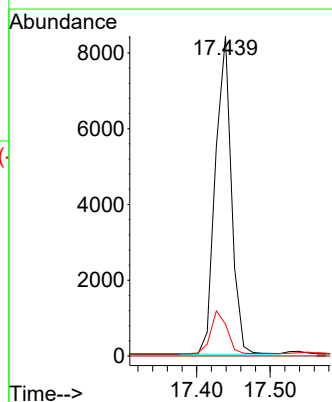
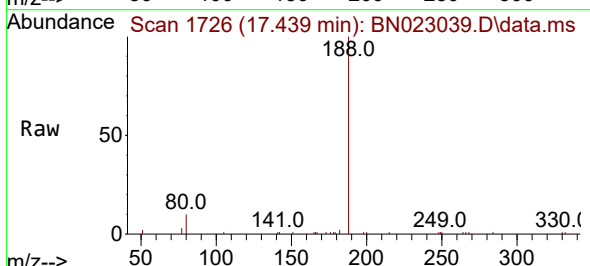
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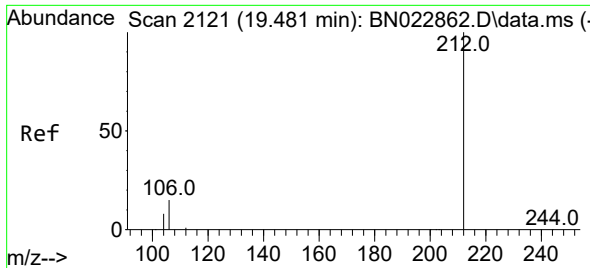
Tgt Ion:	172	Resp:	11301
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.2	42.4
170	24.5	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

Tgt Ion:	188	Resp:	12712
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.0	10.3	15.5

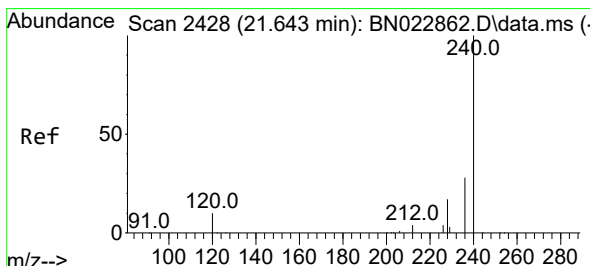
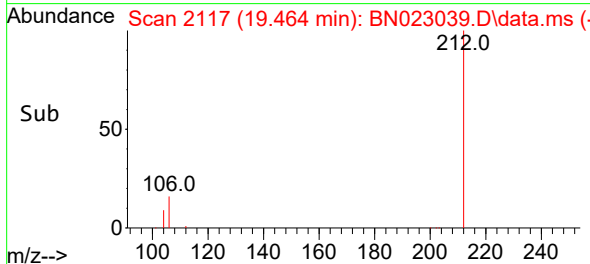
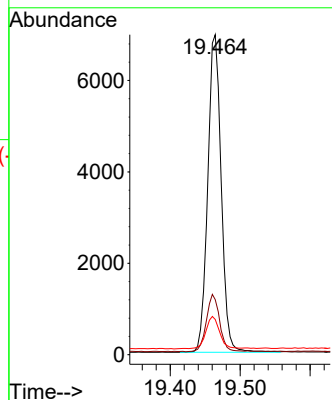
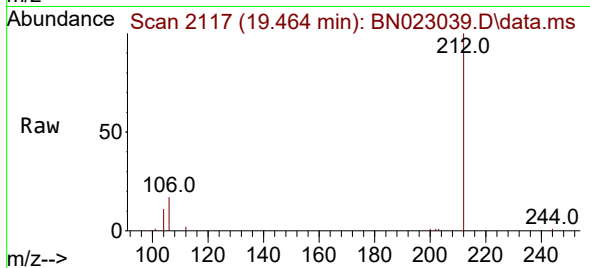




#27
Fluoranthene-d10
Concen: 0.270 ng
RT: 19.464 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

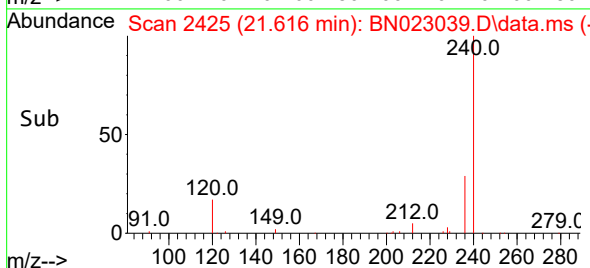
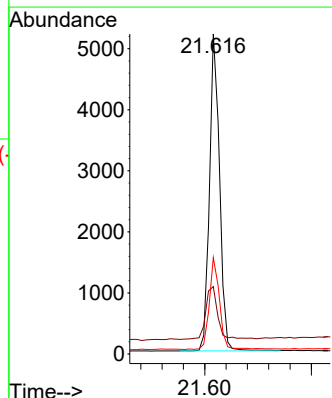
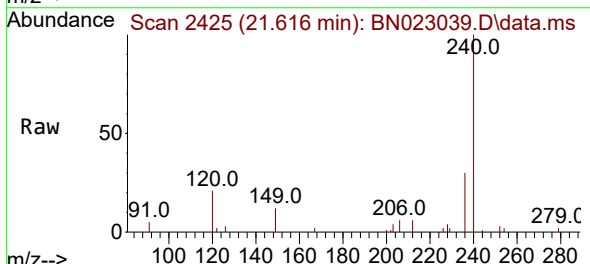
Instrument :
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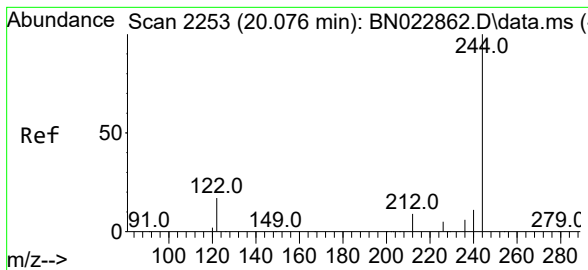
Tgt Ion:212 Resp: 9309
Ion Ratio Lower Upper
212 100
106 17.8 12.3 18.5
104 10.6 7.0 10.4#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.616 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

Tgt Ion:240 Resp: 6804
Ion Ratio Lower Upper
240 100
120 21.0 9.2 13.8#
236 30.1 22.6 34.0





#31

Terphenyl-d14

Concen: 0.456 ng

RT: 20.058 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN023039.D

Acq: 02 Dec 2022 05:32

Instrument :

BNA_N

ClientSampleId :

FB01-20221121

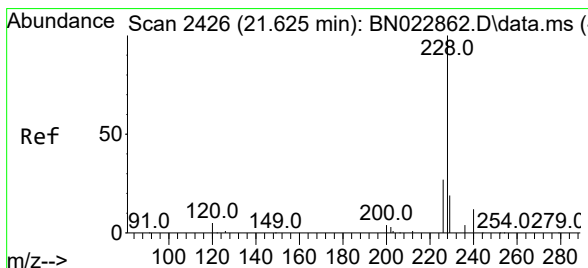
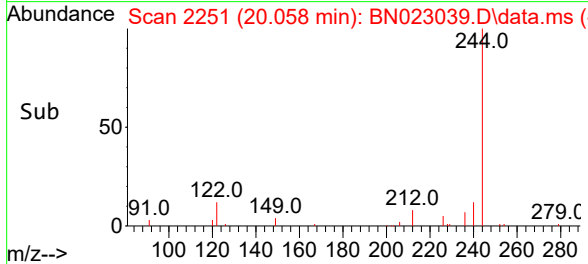
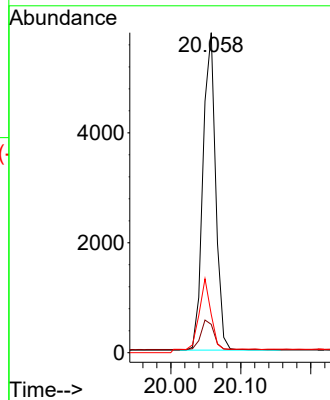
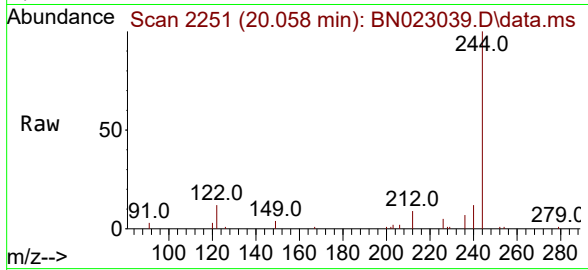
Tgt Ion:244 Resp: 7292

Ion Ratio Lower Upper

244 100

212 8.8 7.9 11.9

122 12.0 13.9 20.9#



#32

Benzo(a)anthracene

Concen: 0.026 ng

RT: 21.598 min Scan# 2423

Delta R.T. -0.009 min

Lab File: BN023039.D

Acq: 02 Dec 2022 05:32

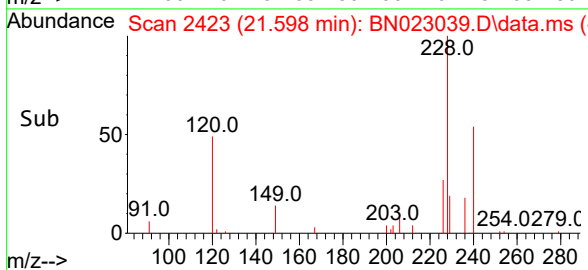
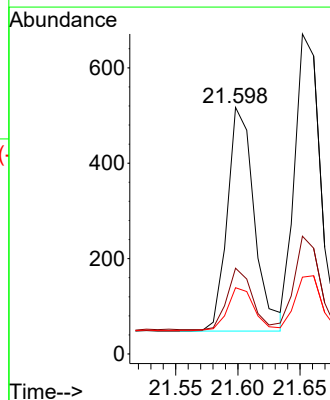
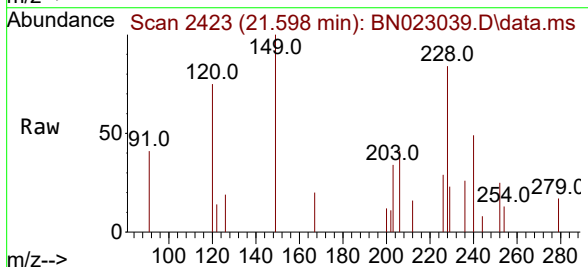
Tgt Ion:228 Resp: 711

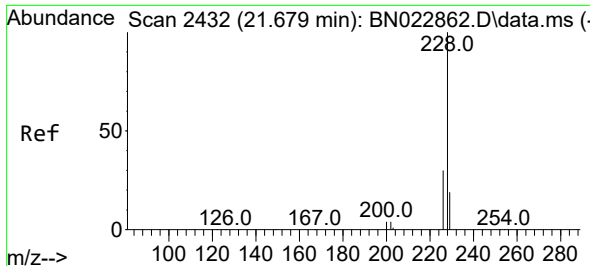
Ion Ratio Lower Upper

228 100

226 34.8 22.1 33.1#

229 26.9 15.8 23.6#





#33

Chrysene

Concen: 0.031 ng

RT: 21.652 min Scan# 2429

Delta R.T. -0.009 min

Lab File: BN023039.D

Acq: 02 Dec 2022 05:32

Instrument :

BNA_N

ClientSampleId :

FB01-20221121

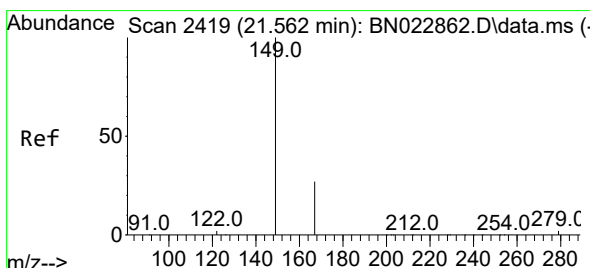
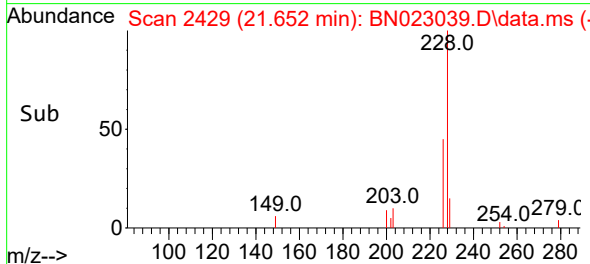
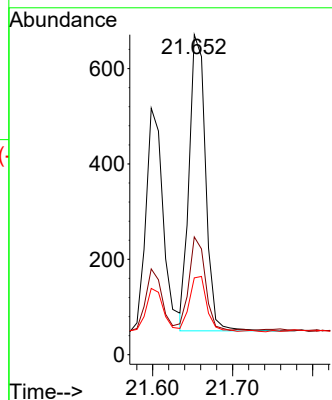
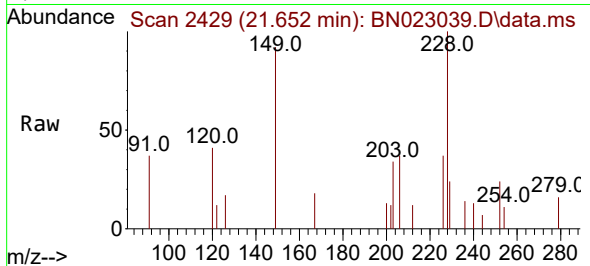
Tgt Ion:228 Resp: 883

Ion Ratio Lower Upper

228 100

226 36.8 24.5 36.7#

229 24.0 15.8 23.6#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.071 ng

RT: 21.526 min Scan# 2415

Delta R.T. -0.000 min

Lab File: BN023039.D

Acq: 02 Dec 2022 05:32

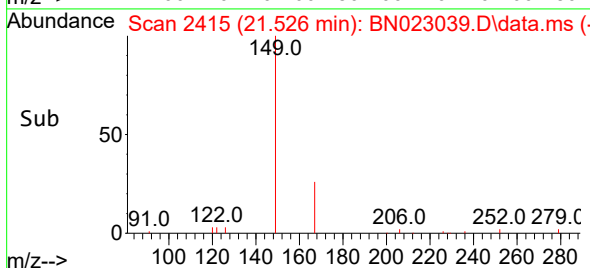
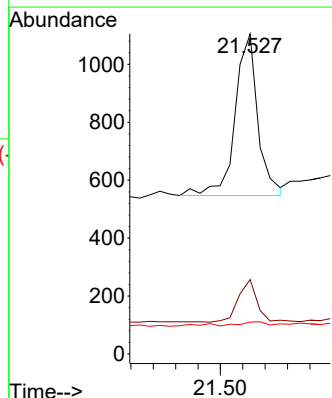
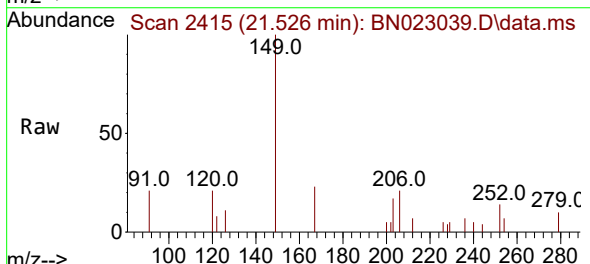
Tgt Ion:149 Resp: 788

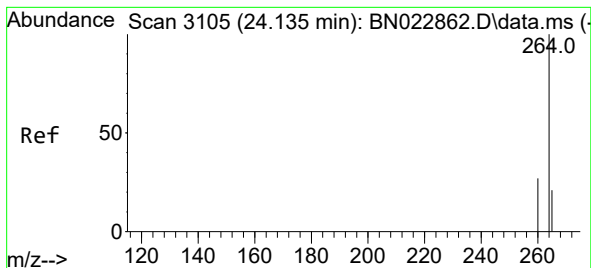
Ion Ratio Lower Upper

149 100

167 21.3 21.3 31.9

279 3.7 2.3 3.5#





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.100 min Scan# 3093

Delta R.T. -0.003 min

Lab File: BN023039.D

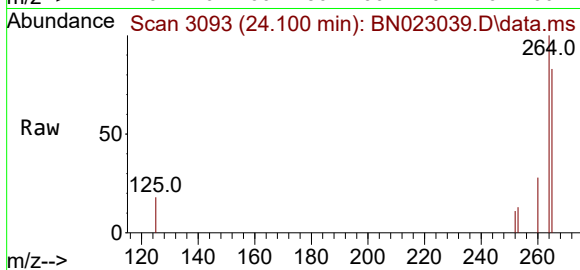
Acq: 02 Dec 2022 05:32

Instrument :

BNA_N

ClientSampleId :

FB01-20221121



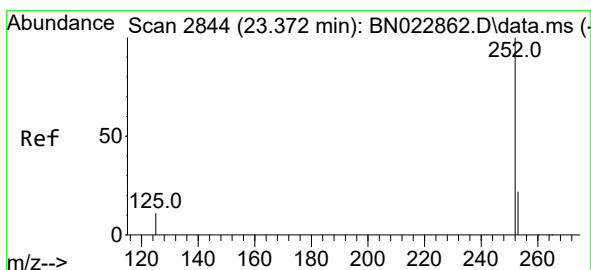
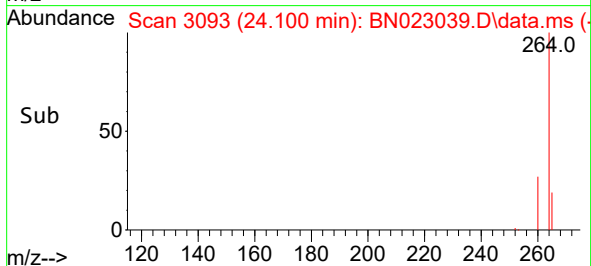
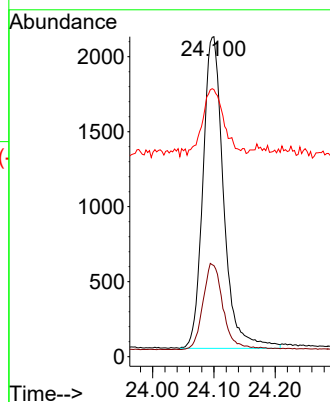
Tgt Ion:264 Resp: 4860

Ion Ratio Lower Upper

264 100

260 28.5 21.7 32.5

265 83.5 31.0 46.4#



#37

Benzo(b)fluoranthene

Concen: 0.038 ng

RT: 23.340 min Scan# 2833

Delta R.T. -0.000 min

Lab File: BN023039.D

Acq: 02 Dec 2022 05:32

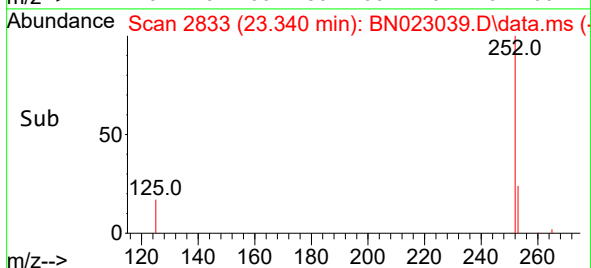
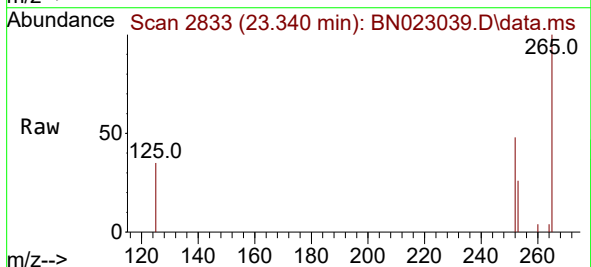
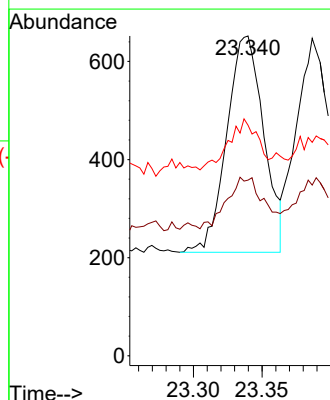
Tgt Ion:252 Resp: 827

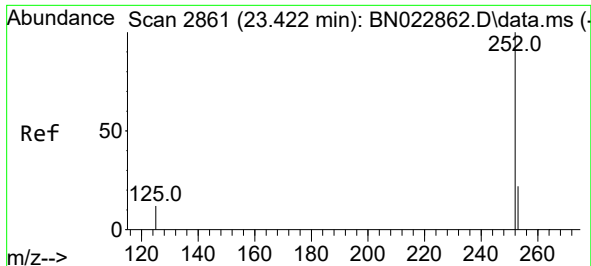
Ion Ratio Lower Upper

252 100

253 54.9 18.5 27.7#

125 72.1 10.8 16.2#

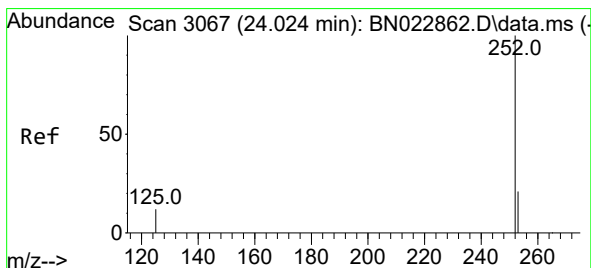
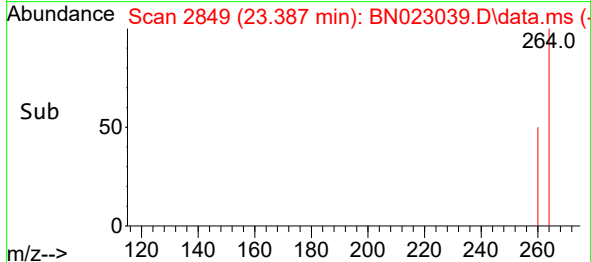
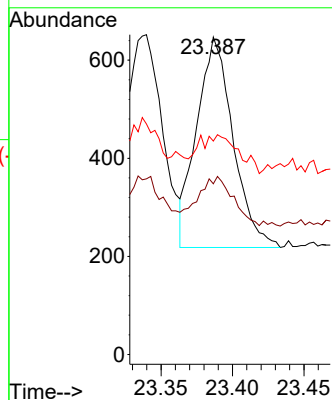
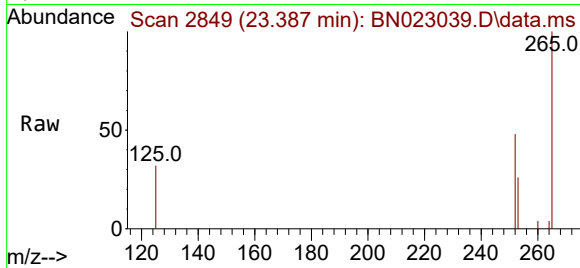




#38
Benzo(k)fluoranthene
Concen: 0.032 ng
RT: 23.387 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

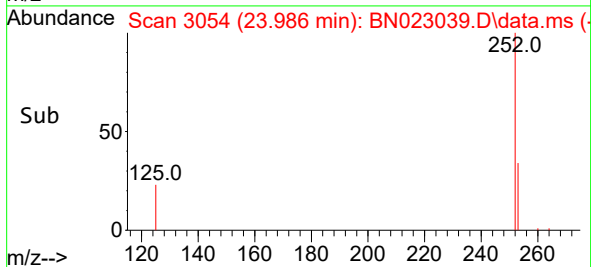
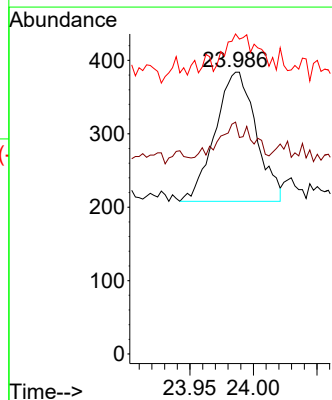
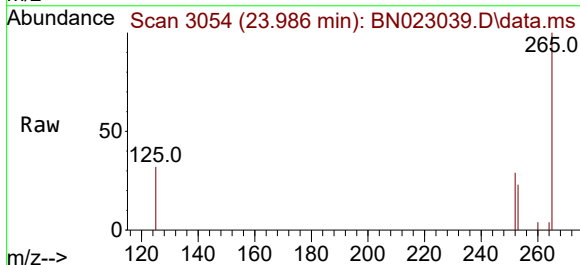
Instrument :
BNA_N
ClientSampleId :
FB01-20221121

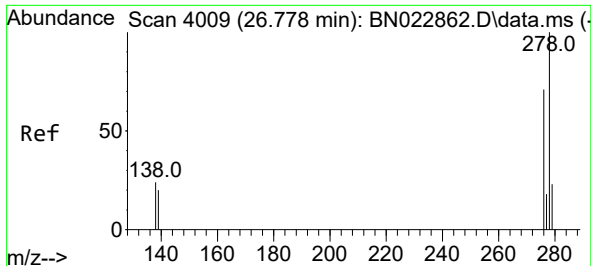
Tgt Ion:252 Resp: 760
Ion Ratio Lower Upper
252 100
253 53.8 18.6 27.8#
125 67.2 11.0 16.4#



#39
Benzo(a)pyrene
Concen: 0.024 ng
RT: 23.986 min Scan# 3054
Delta R.T. -0.006 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

Tgt Ion:252 Resp: 395
Ion Ratio Lower Upper
252 100
253 82.3 19.2 28.8#
125 113.5 12.7 19.1#

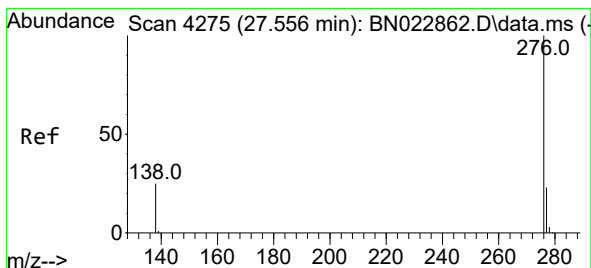
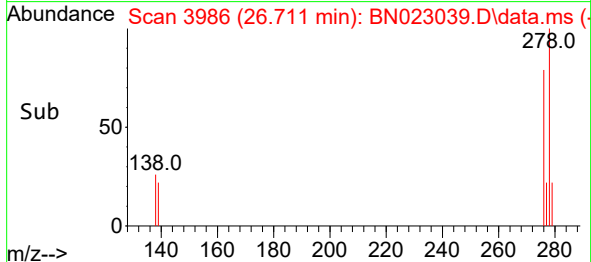
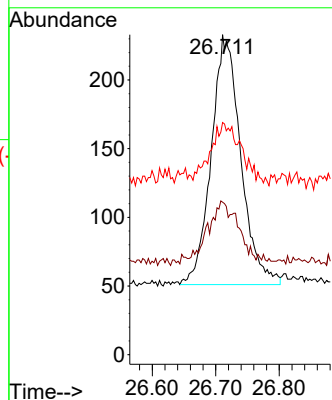
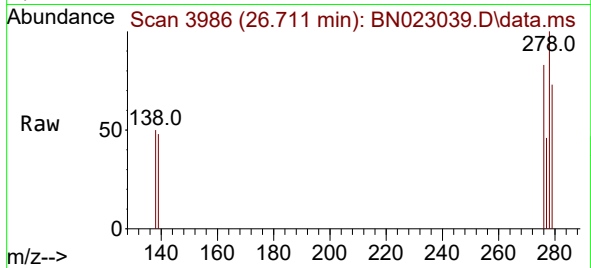




#40
Dibenzo(a,h)anthracene
Concen: 0.037 ng
RT: 26.711 min Scan# 3986
Delta R.T. -0.006 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

Instrument :
BNA_N
ClientSampleId :
FB01-20221121

Tgt Ion:278 Resp: 587
Ion Ratio Lower Upper
278 100
139 47.6 17.4 26.0#
279 72.5 20.0 30.0#



#41
Benzo(g,h,i)perylene
Concen: 0.039 ng
RT: 27.486 min Scan# 4251
Delta R.T. -0.009 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

Tgt Ion:276 Resp: 668
Ion Ratio Lower Upper
276 100
277 45.3 19.7 29.5#
138 52.1 21.4 32.2#

