

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
 Data File : BN023038.D
 Acq On : 02 Dec 2022 04:56
 Operator : CG/JU
 Sample : N5757-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20221121

Quant Time: Dec 02 05:33:03 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)

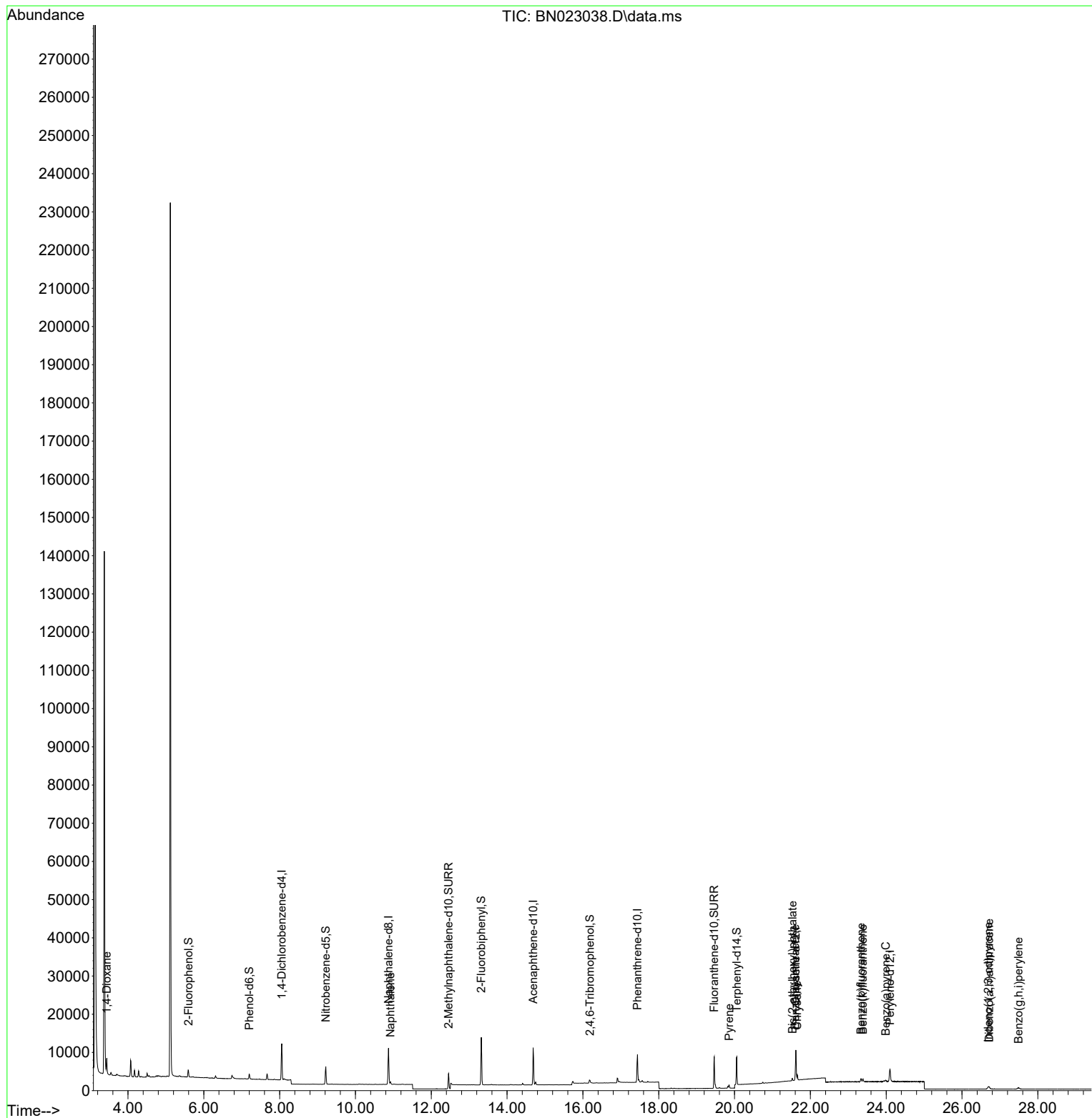
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	4526	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	11721	0.400	ng	0.00
13) Acenaphthene-d10	14.688	164	5213	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	10188	0.400	ng	0.00
29) Chrysene-d12	21.616	240	6618	0.400	ng	# 0.00
35) Perylene-d12	24.100	264	5031	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1475	0.125	ng	0.00
5) Phenol-d6	7.204	99	1079	0.072	ng	0.00
8) Nitrobenzene-d5	9.217	82	3536	0.388	ng	0.00
11) 2-Methylnaphthalene-d10	12.457	152	7110	0.280	ng	0.00
14) 2,4,6-Tribromophenol	16.185	330	591	0.235	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	9974	0.418	ng	0.00
27) Fluoranthene-d10	19.464	212	8701	0.314	ng	0.00
31) Terphenyl-d14	20.058	244	6159	0.396	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.442	88	2319	0.404	ng	# 94
9) Naphthalene	10.925	128	871	0.024	ng	# 78
30) Pyrene	19.856	202	718	0.021	ng	# 94
32) Benzo(a)anthracene	21.598	228	966	0.036	ng	# 88
33) Chrysene	21.652	228	1219	0.044	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.526	149	765	0.071	ng	# 94
36) Indeno(1,2,3-cd)pyrene	26.693	276	822	0.039	ng	# 90
37) Benzo(b)fluoranthene	23.337	252	1087	0.048	ng	# 27
38) Benzo(k)fluoranthene	23.387	252	952	0.039	ng	# 22
39) Benzo(a)pyrene	23.986	252	575	0.034	ng	# 1
40) Dibenzo(a,h)anthracene	26.717	278	748	0.045	ng	# 35
41) Benzo(g,h,i)perylene	27.491	276	750	0.042	ng	# 58

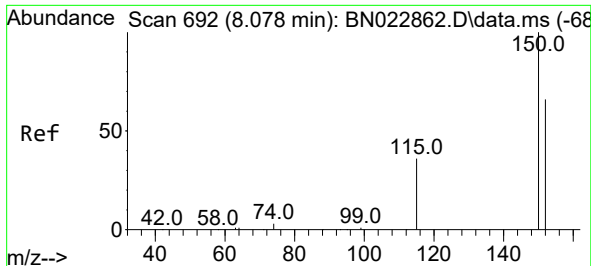
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 02 02:30:10 2022
Response via : Initial Calibration

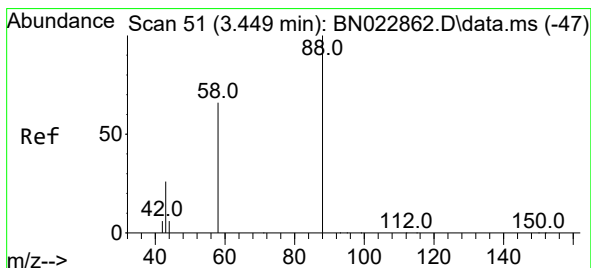
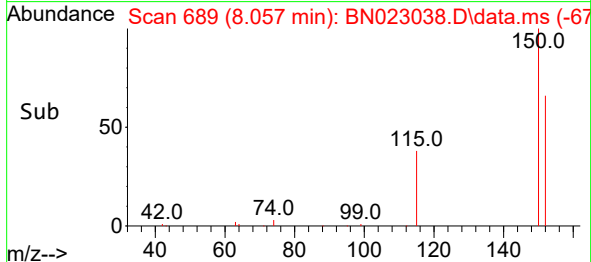
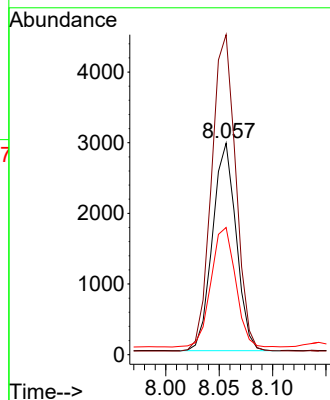
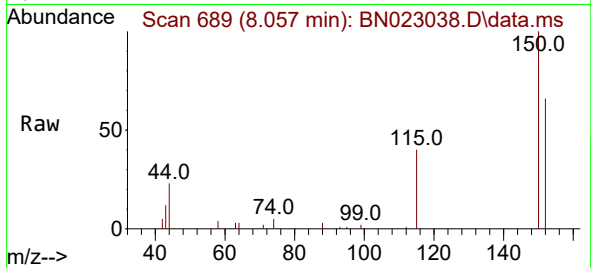




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.057 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN023038.D
 Acq: 02 Dec 2022 04:56

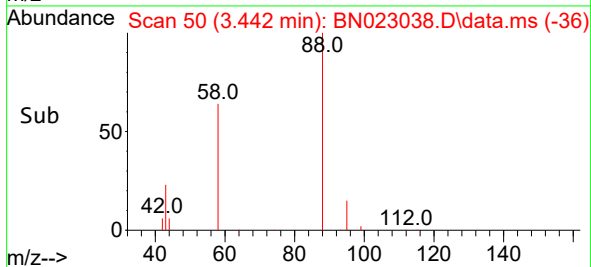
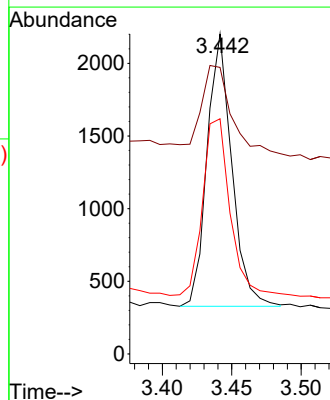
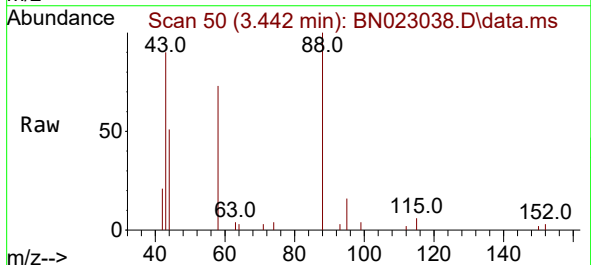
Instrument :
 BNA_N
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 RE117D1-20221121

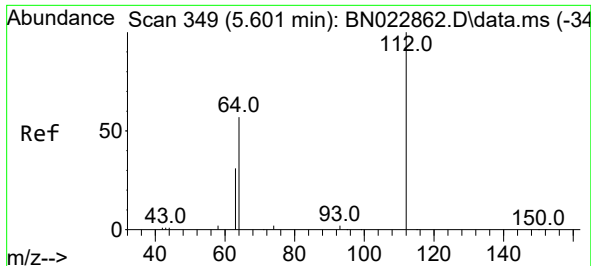
Tgt Ion:152 Resp: 4526
 Ion Ratio Lower Upper
 152 100
 150 151.3 121.2 181.8
 115 60.1 46.2 69.4



#2
 1,4-Dioxane
 Concen: 0.404 ng
 RT: 3.442 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BN023038.D
 Acq: 02 Dec 2022 04:56

Tgt Ion: 88 Resp: 2319
 Ion Ratio Lower Upper
 88 100
 43 42.0 25.4 38.2#
 58 71.2 56.5 84.7

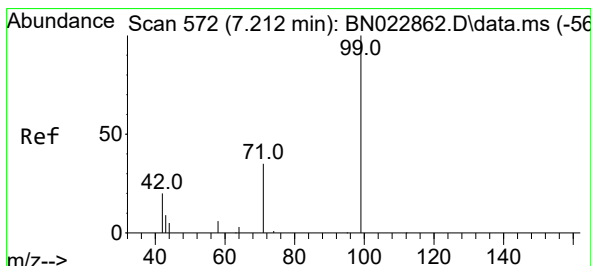
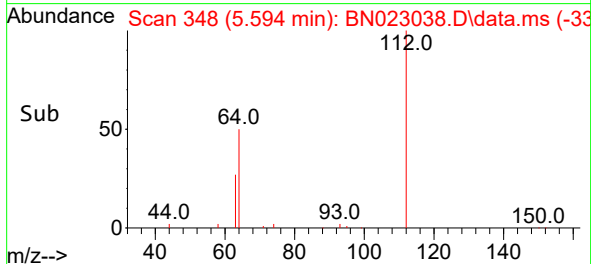
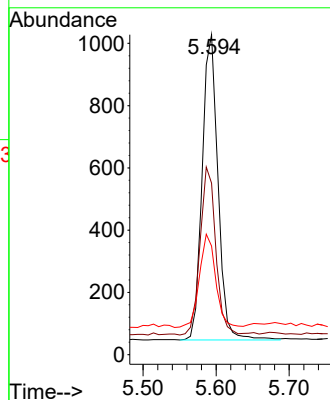
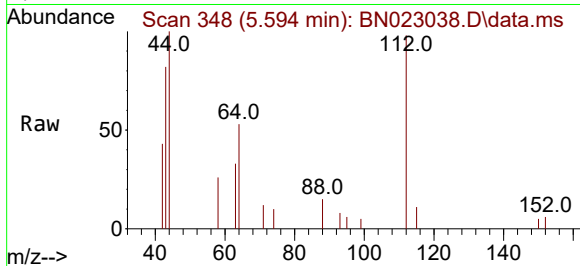




#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.594 min Scan# 349
Delta R.T. -0.000 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

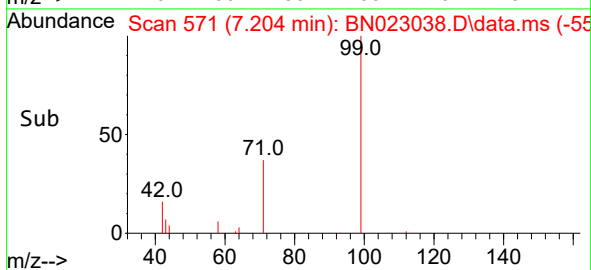
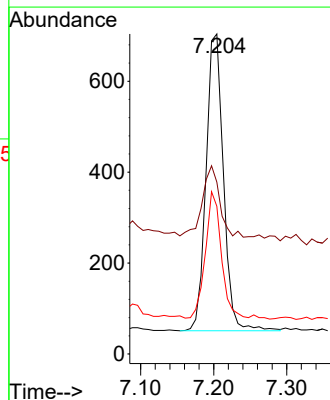
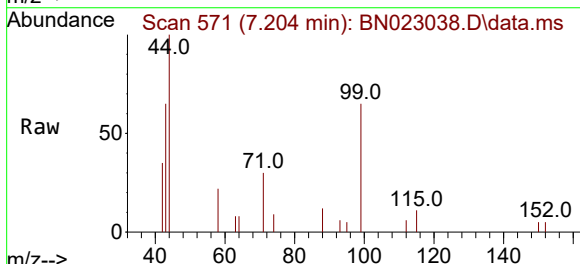
Instrument :
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ClientSampleId :
RE117D1-20221121

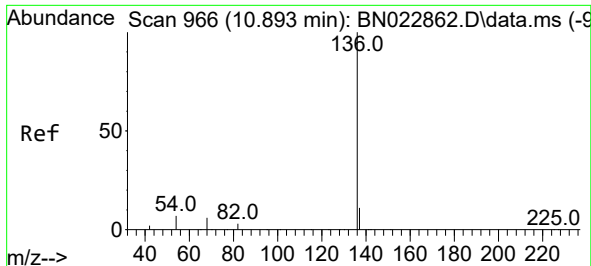
Tgt Ion:112 Resp: 1475
Ion Ratio Lower Upper
112 100
64 54.6 43.4 65.2
63 31.5 23.4 35.2



#5
Phenol-d6
Concen: 0.072 ng
RT: 7.204 min Scan# 571
Delta R.T. -0.000 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

Tgt Ion: 99 Resp: 1079
Ion Ratio Lower Upper
99 100
42 23.4 16.0 24.0
71 38.8 26.8 40.2

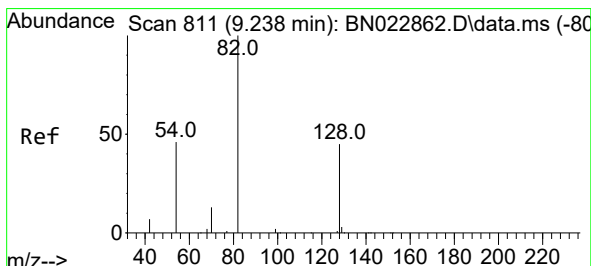
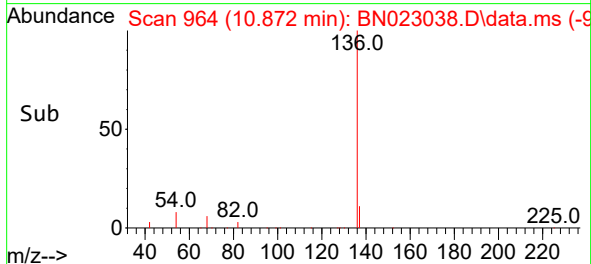
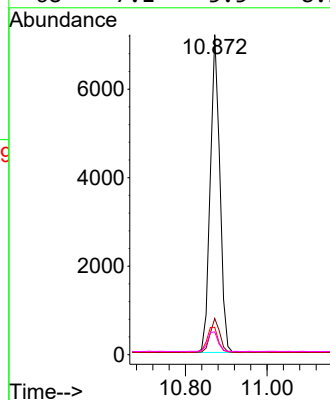
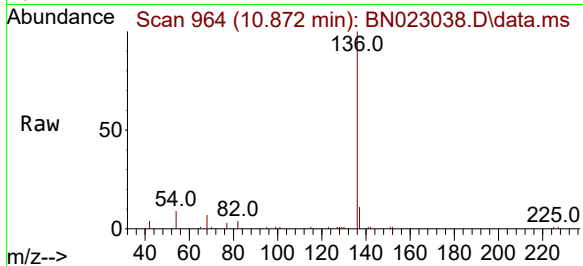




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 90
Delta R.T. -0.000 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

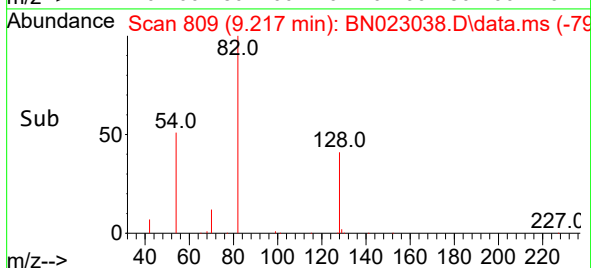
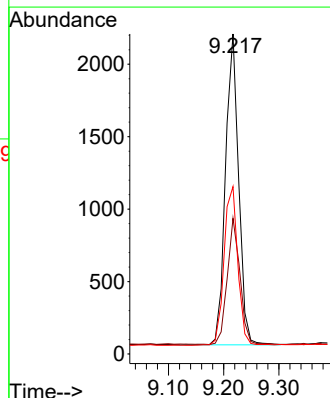
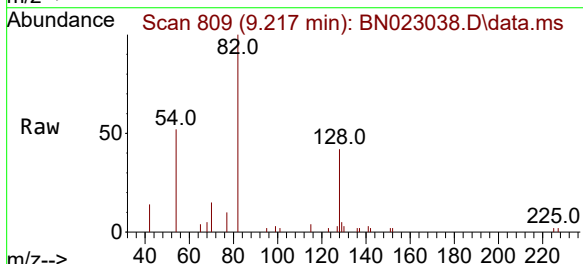
Instrument :
BNA_N
ClientSampleId :
RE117D1-20221121

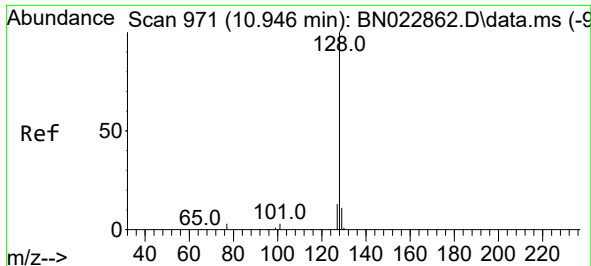
Tgt Ion:	136	Resp:	11721
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	8.6	6.6	9.8
68	7.1	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.388 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.000 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

Tgt Ion:	82	Resp:	3536
Ion Ratio	Lower	Upper	
82	100		
128	42.4	36.6	54.8
54	52.3	38.5	57.7

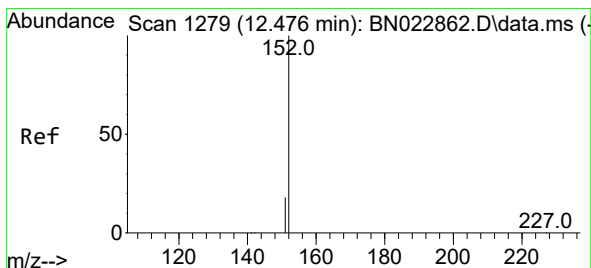
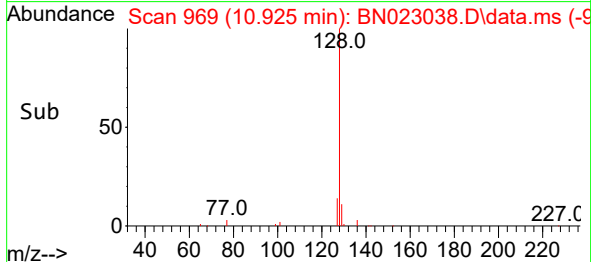
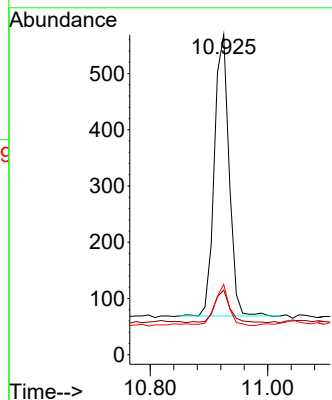
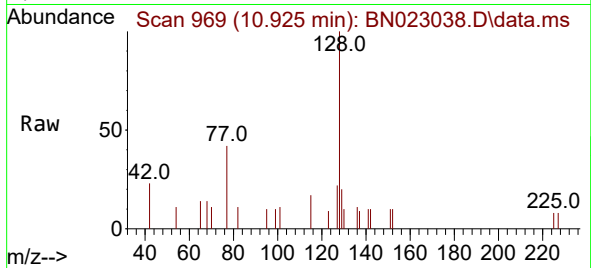




#9
Naphthalene
Concen: 0.024 ng
RT: 10.925 min Scan# 90
Delta R.T. -0.000 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

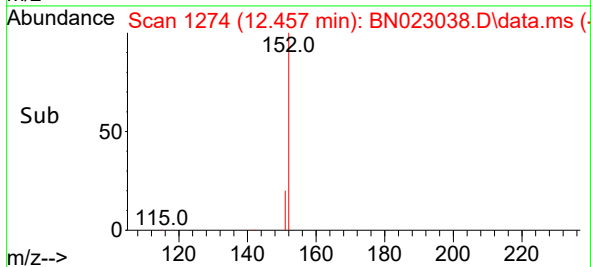
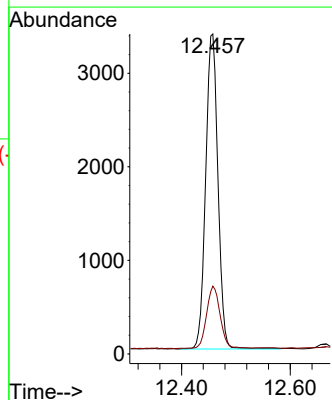
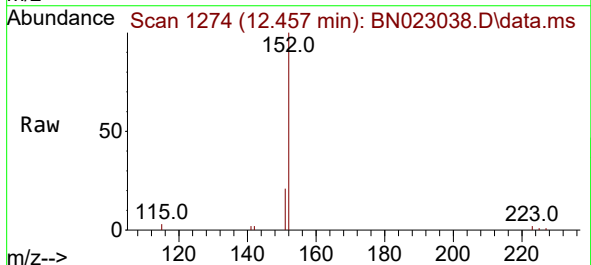
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ClientSampleId :
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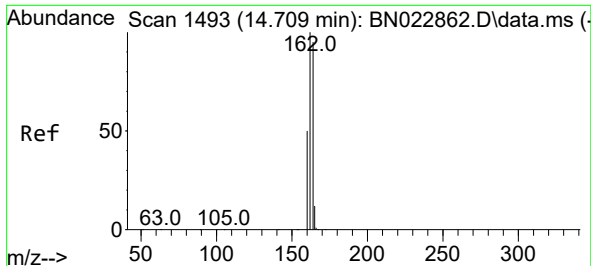
Tgt Ion:128 Resp: 871
Ion Ratio Lower Upper
128 100
129 20.2 9.0 13.4#
127 22.0 10.8 16.2#



#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.457 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

Tgt Ion:152 Resp: 7110
Ion Ratio Lower Upper
152 100
151 18.0 18.6 27.8#

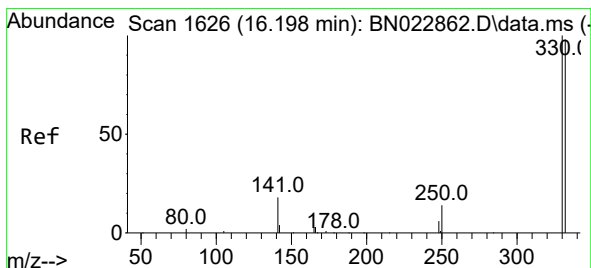
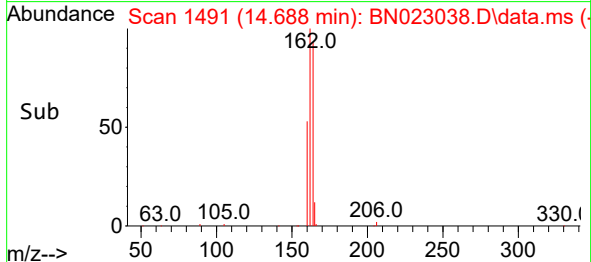
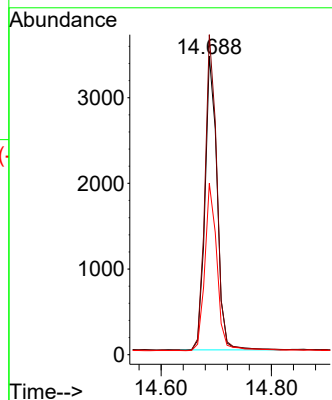
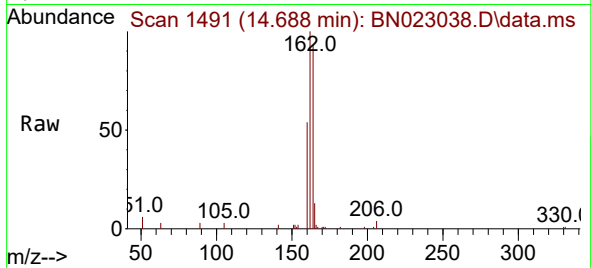




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.688 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

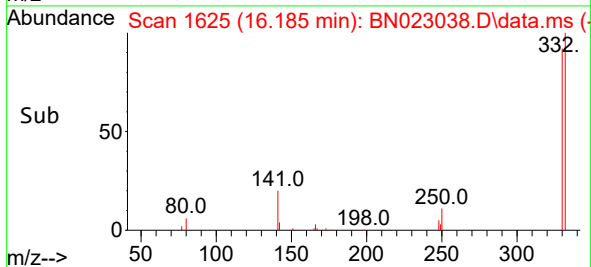
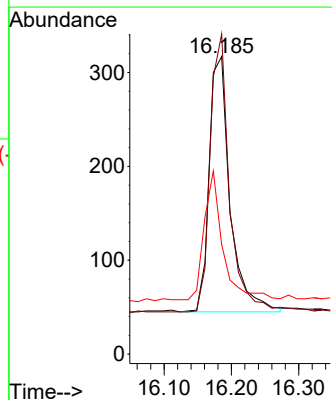
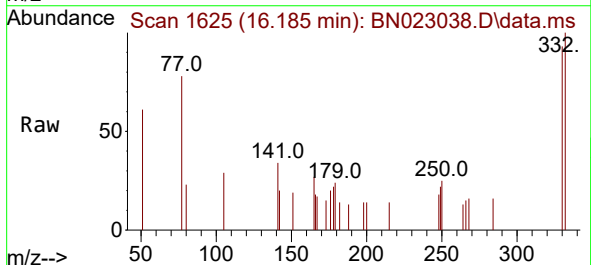
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ClientSampleId :
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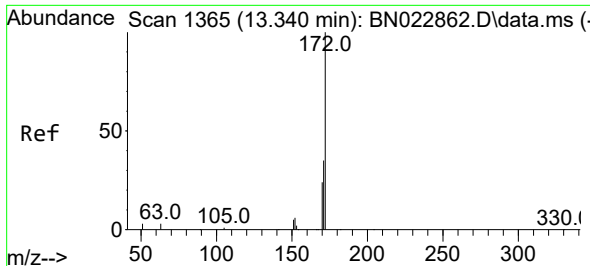
Tgt Ion:164 Resp: 5213
Ion Ratio Lower Upper
164 100
162 107.2 84.2 126.4
160 57.4 42.5 63.7



#14
2,4,6-Tribromophenol
Concen: 0.235 ng
RT: 16.185 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

Tgt Ion:330 Resp: 591
Ion Ratio Lower Upper
330 100
332 100.5 76.5 114.7
141 44.3 32.6 48.8

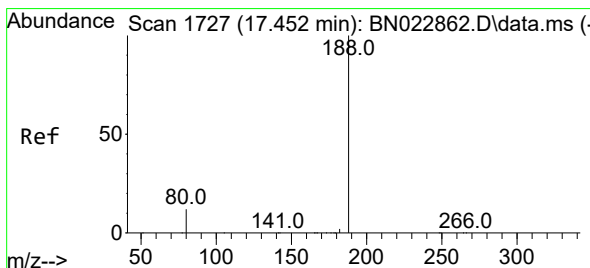
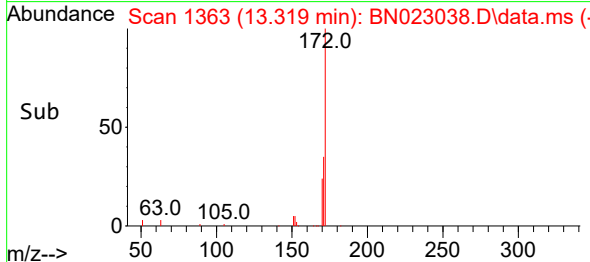
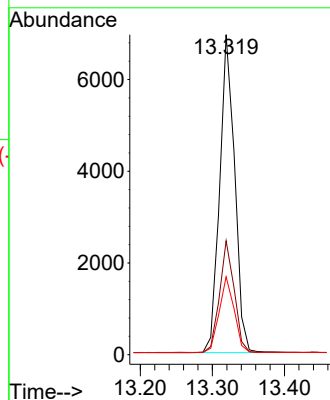
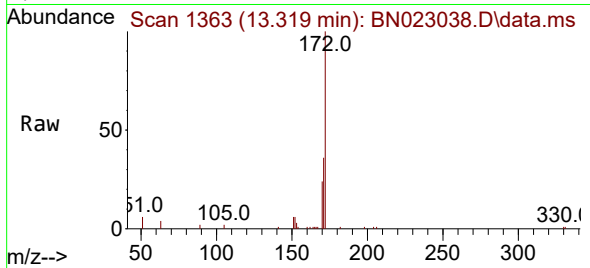




#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.319 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

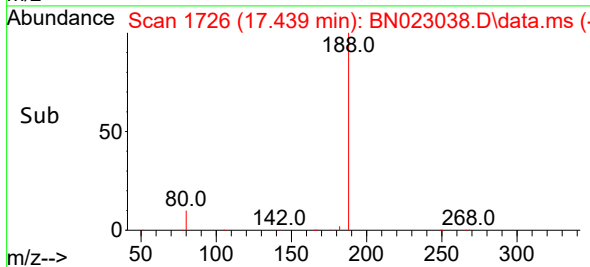
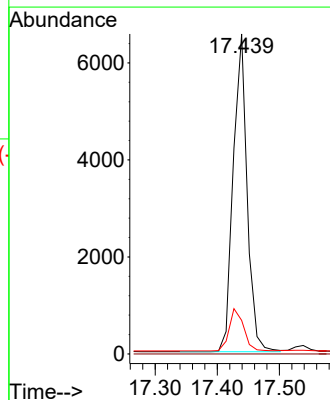
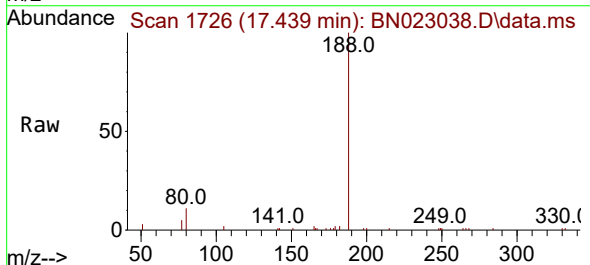
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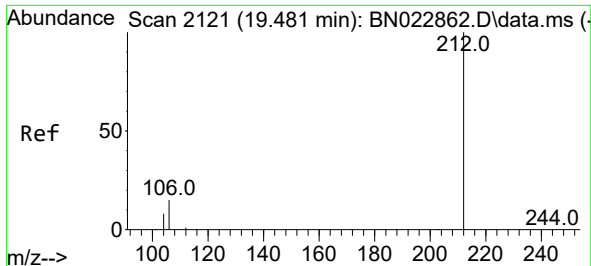
Tgt Ion:	172	Resp:	9974
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.2	42.4
170	24.3	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

Tgt Ion:	188	Resp:	10188
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.5	10.3	15.5

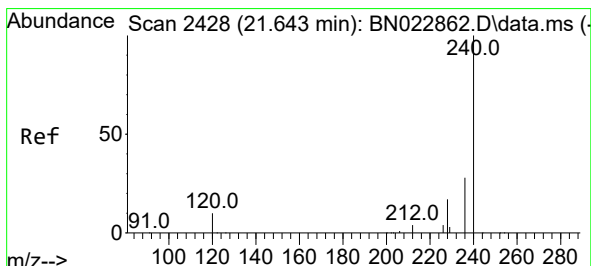
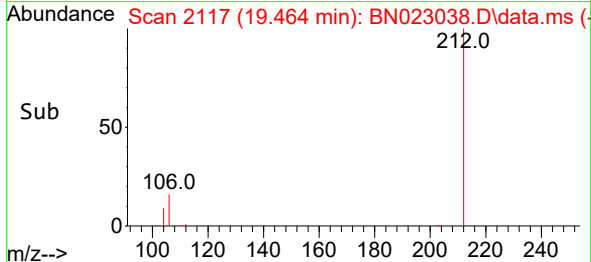
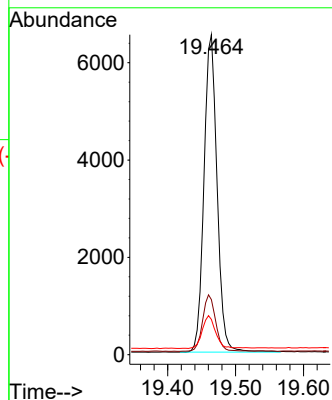
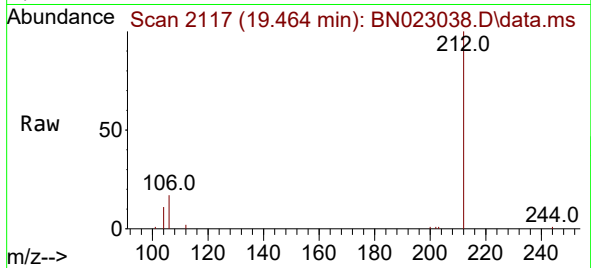




#27
Fluoranthene-d10
Concen: 0.314 ng
RT: 19.464 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

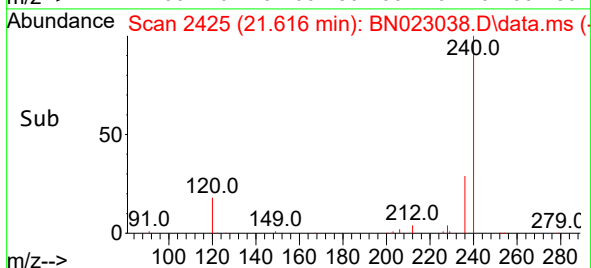
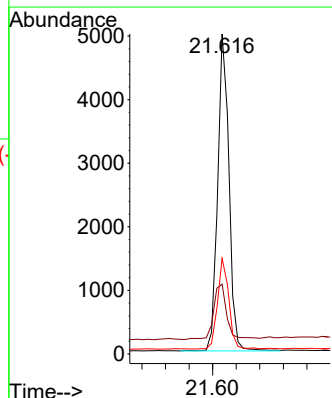
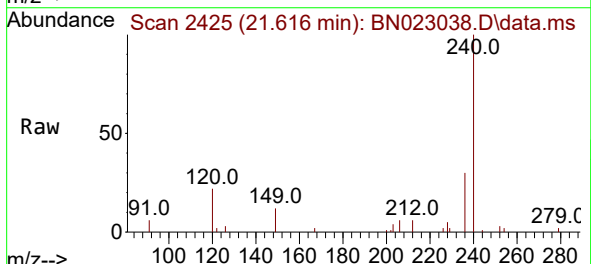
Instrument :
BNA_N
ClientSampleId :
RE117D1-20221121

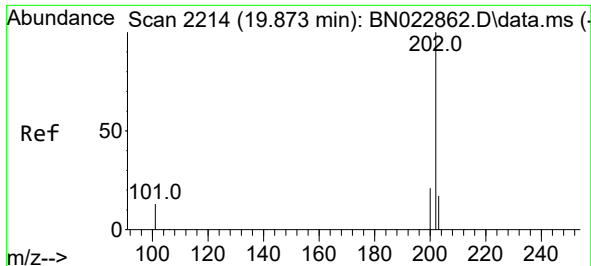
Tgt Ion:212 Resp: 8701
Ion Ratio Lower Upper
212 100
106 17.8 12.3 18.5
104 10.5 7.0 10.4#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.616 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

Tgt Ion:240 Resp: 6618
Ion Ratio Lower Upper
240 100
120 21.8 9.2 13.8#
236 29.8 22.6 34.0

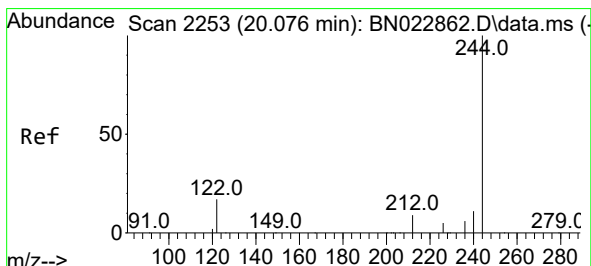
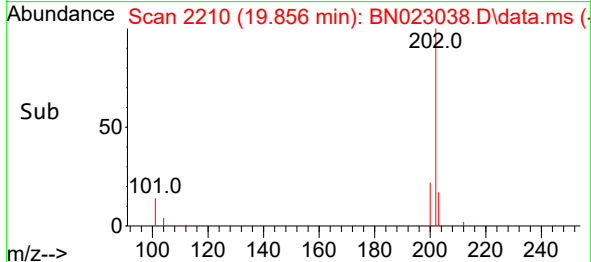
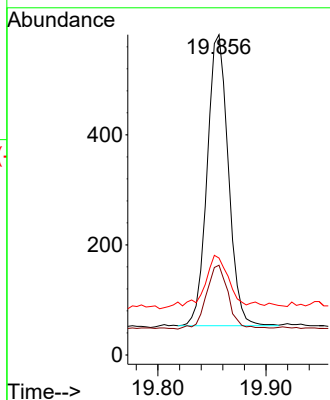
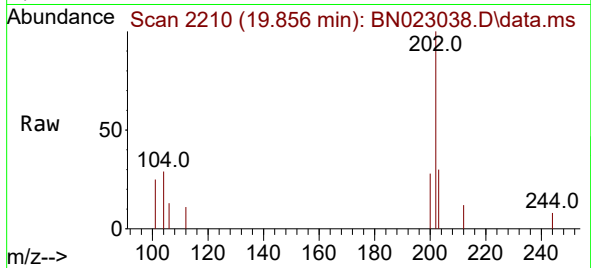




#30
Pyrene
Concen: 0.021 ng
RT: 19.856 min Scan# 211
Delta R.T. -0.000 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

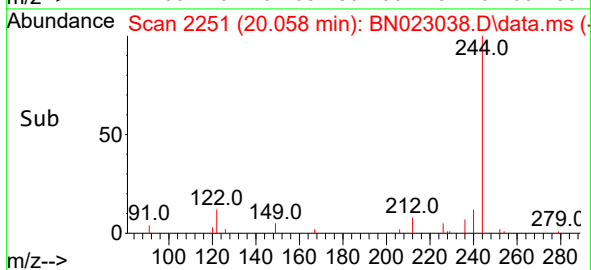
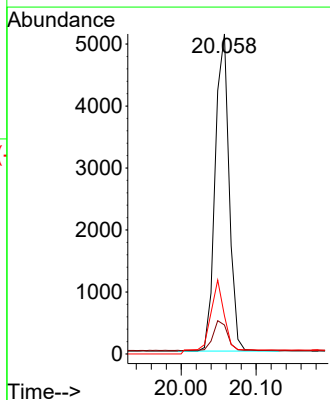
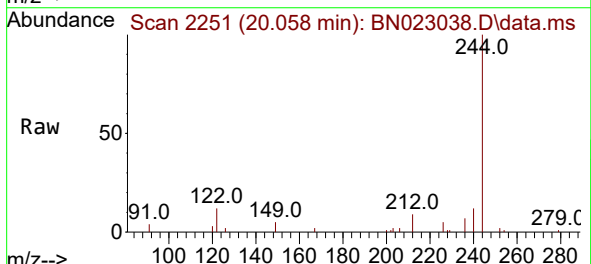
Instrument :
BNA_N
ClientSampleId :
RE117D1-20221121

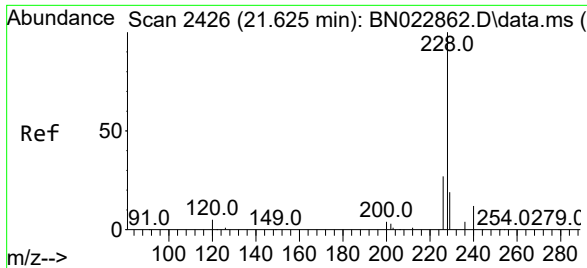
Tgt Ion:202 Resp: 718
Ion Ratio Lower Upper
202 100
200 23.0 17.0 25.4
203 21.4 14.2 21.2#



#31
Terphenyl-d14
Concen: 0.396 ng
RT: 20.058 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

Tgt Ion:244 Resp: 6159
Ion Ratio Lower Upper
244 100
212 9.0 7.9 11.9
122 12.0 13.9 20.9#

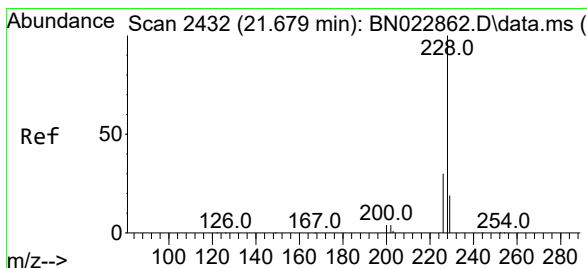
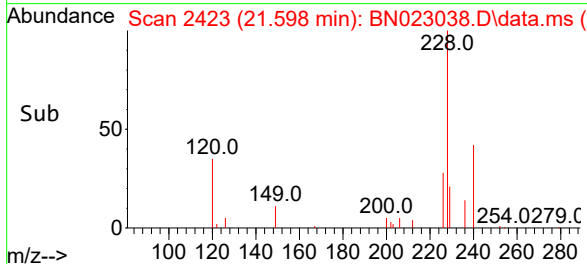
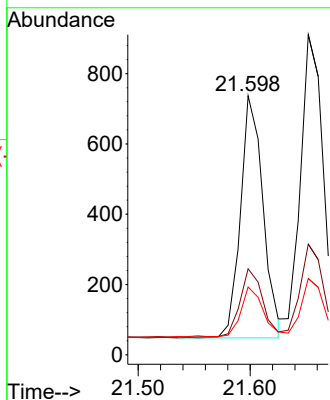
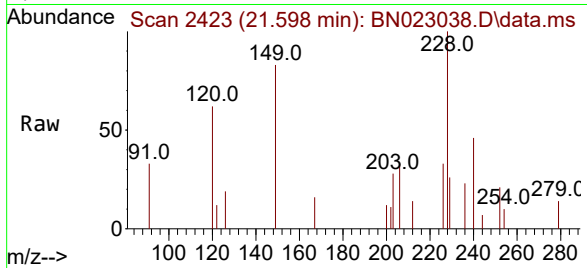




#32
Benzo(a)anthracene
Concen: 0.036 ng
RT: 21.598 min Scan# 2423
Delta R.T. -0.009 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

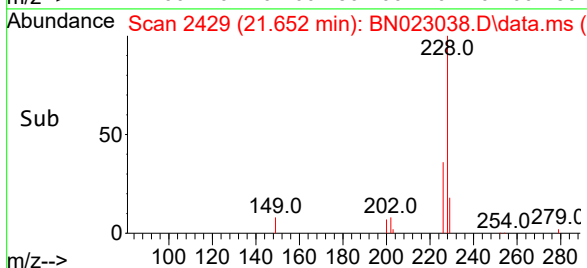
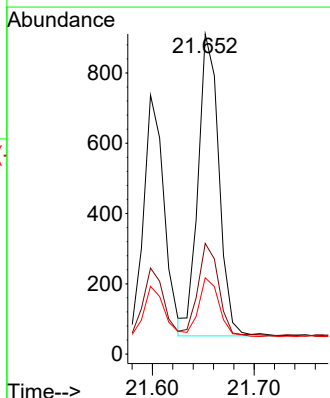
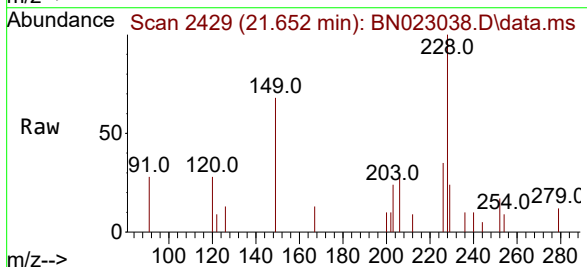
Instrument :
BNA_N
ClientSampleId :
RE117D1-20221121

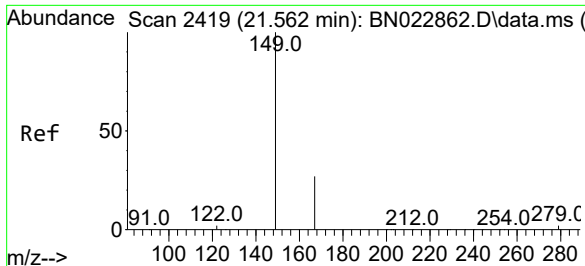
Tgt Ion:228 Resp: 966
Ion Ratio Lower Upper
228 100
226 33.2 22.1 33.1#
229 26.2 15.8 23.6#



#33
Chrysene
Concen: 0.044 ng
RT: 21.652 min Scan# 2429
Delta R.T. -0.009 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

Tgt Ion:228 Resp: 1219
Ion Ratio Lower Upper
228 100
226 34.6 24.5 36.7
229 23.8 15.8 23.6#

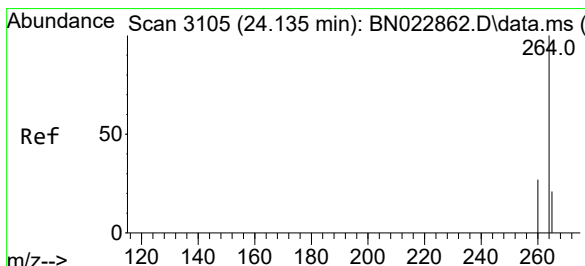
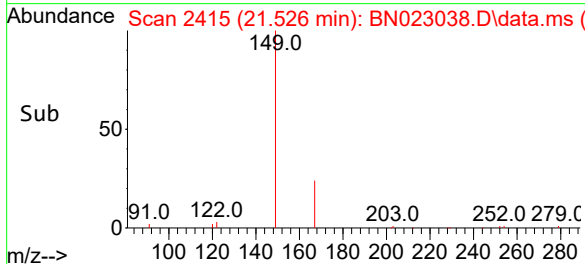
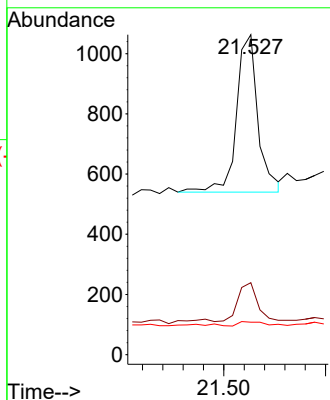
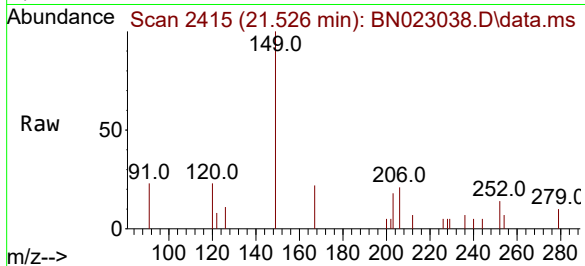




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.071 ng
 RT: 21.526 min Scan# 2419
 Delta R.T. -0.000 min
 Lab File: BN023038.D
 Acq: 02 Dec 2022 04:56

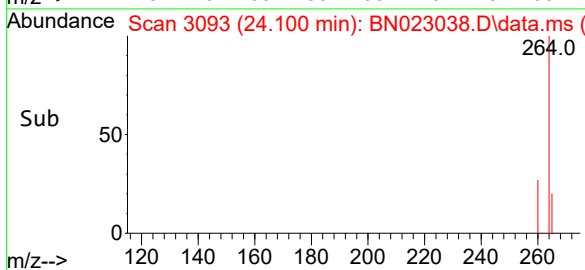
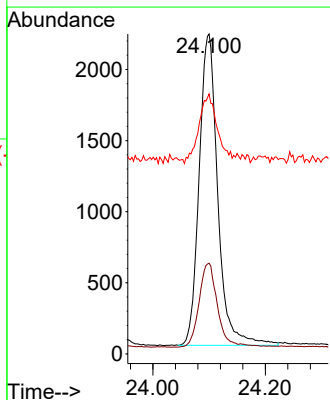
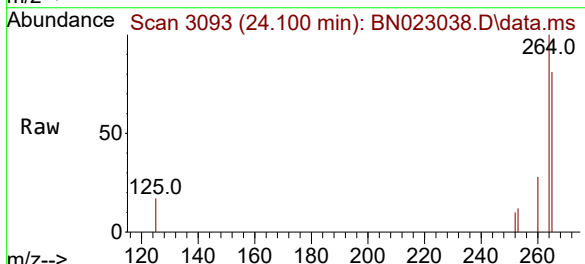
Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20221121

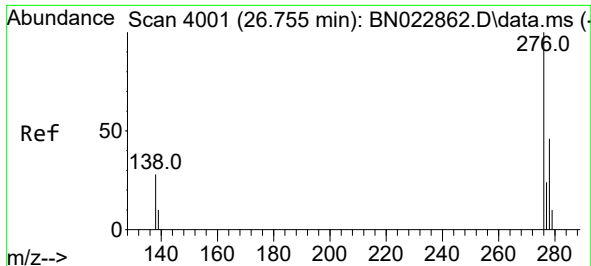
Tgt Ion:149 Resp: 765
 Ion Ratio Lower Upper
 149 100
 167 23.4 21.3 31.9
 279 3.7 2.3 3.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.100 min Scan# 3093
 Delta R.T. -0.003 min
 Lab File: BN023038.D
 Acq: 02 Dec 2022 04:56

Tgt Ion:264 Resp: 5031
 Ion Ratio Lower Upper
 264 100
 260 28.3 21.7 32.5
 265 81.2 31.0 46.4#

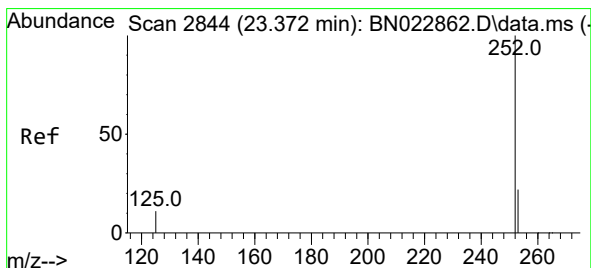
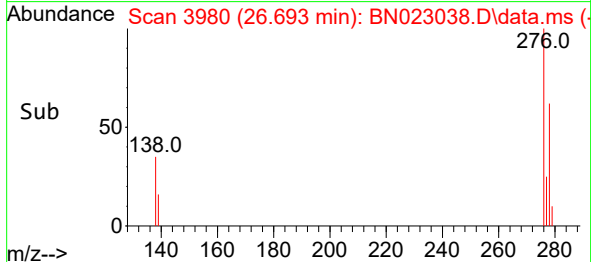
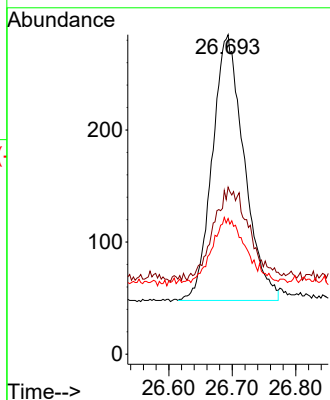
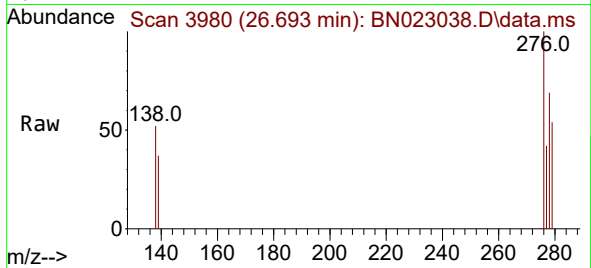




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.039 ng
RT: 26.693 min Scan# 3980
Delta R.T. -0.003 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

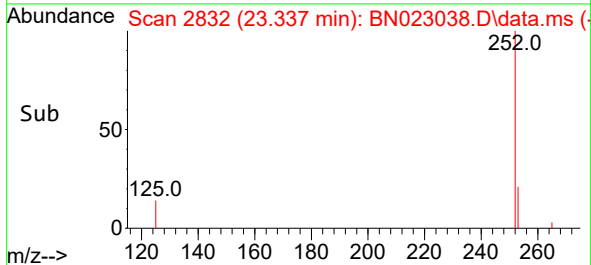
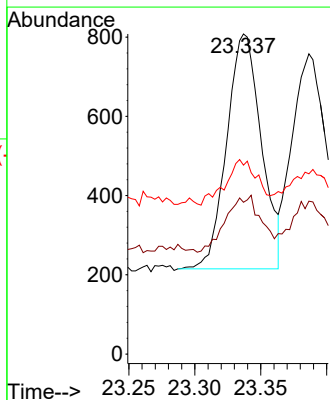
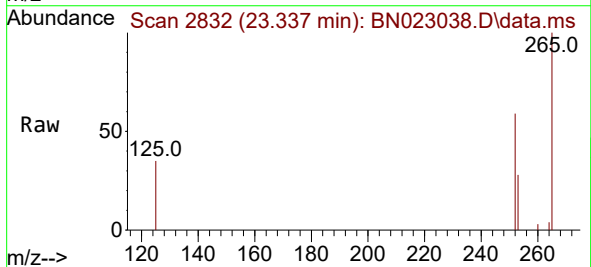
Instrument :
BNA_N
ClientSampleId :
RE117D1-20221121

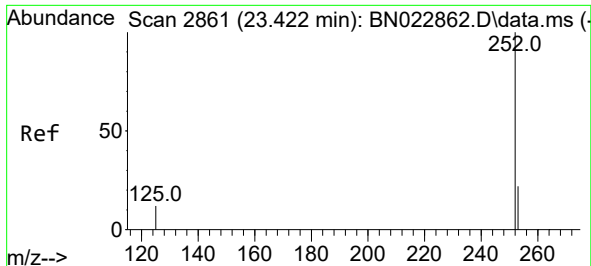
Tgt Ion:276 Resp: 822
Ion Ratio Lower Upper
276 100
138 39.9 24.4 36.6#
277 23.8 19.9 29.9



#37
Benzo(b)fluoranthene
Concen: 0.048 ng
RT: 23.337 min Scan# 2832
Delta R.T. -0.003 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

Tgt Ion:252 Resp: 1087
Ion Ratio Lower Upper
252 100
253 47.4 18.5 27.7#
125 59.0 10.8 16.2#

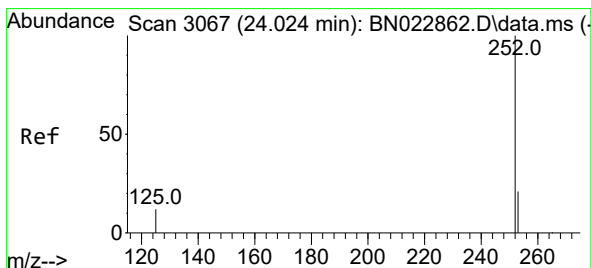
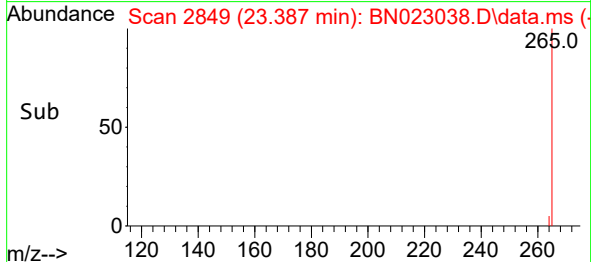
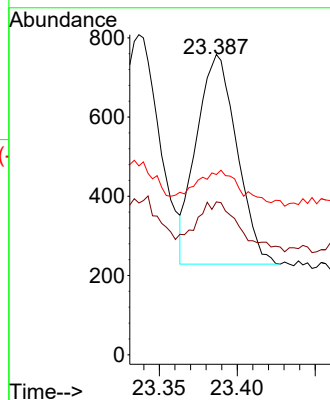
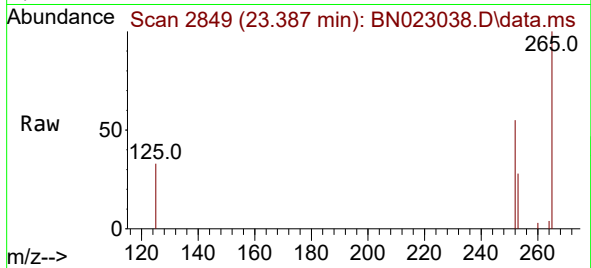




#38
Benzo(k)fluoranthene
Concen: 0.039 ng
RT: 23.387 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

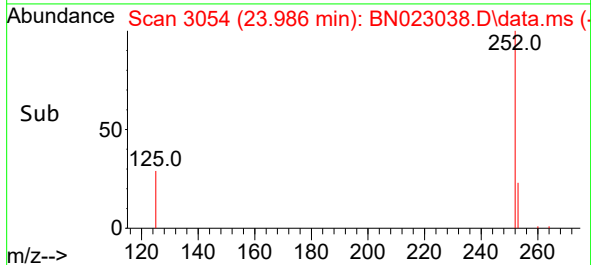
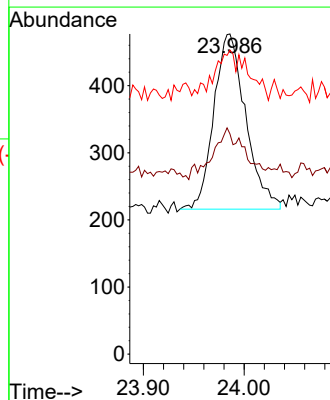
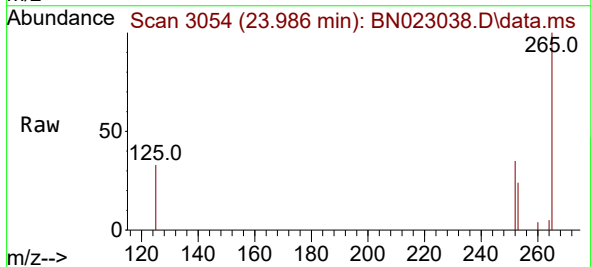
Instrument :
BNA_N
ClientSampleId :
RE117D1-20221121

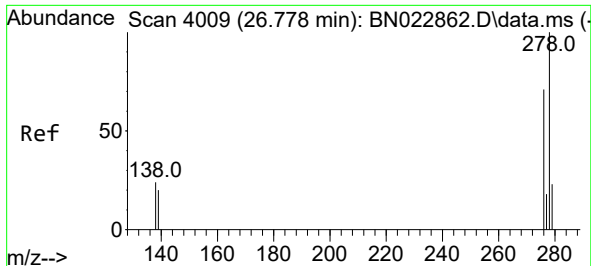
Tgt Ion:252 Resp: 952
Ion Ratio Lower Upper
252 100
253 50.9 18.6 27.8#
125 60.0 11.0 16.4#



#39
Benzo(a)pyrene
Concen: 0.034 ng
RT: 23.986 min Scan# 3054
Delta R.T. -0.006 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

Tgt Ion:252 Resp: 575
Ion Ratio Lower Upper
252 100
253 68.8 19.2 28.8#
125 95.0 12.7 19.1#

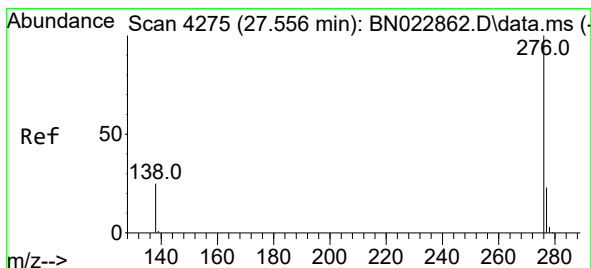
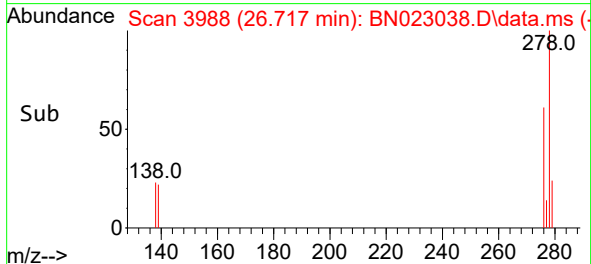
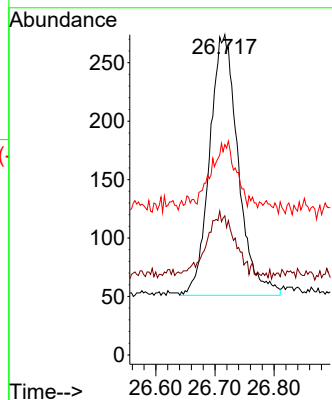
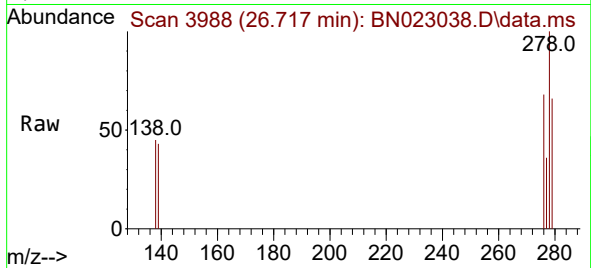




#40
Dibenzo(a,h)anthracene
Concen: 0.045 ng
RT: 26.717 min Scan# 3988
Delta R.T. -0.000 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

Instrument :
BNA_N
ClientSampleId :
RE117D1-20221121

Tgt Ion:278 Resp: 748
Ion Ratio Lower Upper
278 100
139 43.4 17.4 26.0#
279 65.7 20.0 30.0#



#41
Benzo(g,h,i)perylene
Concen: 0.042 ng
RT: 27.491 min Scan# 4253
Delta R.T. -0.003 min
Lab File: BN023038.D
Acq: 02 Dec 2022 04:56

Tgt Ion:276 Resp: 750
Ion Ratio Lower Upper
276 100
277 42.4 19.7 29.5#
138 51.4 21.4 32.2#

