

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028999.D
 Acq On : 03 Dec 2023 00:47
 Operator : MA/JU
 Sample : 05404-19MSD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20231109MSD

Quant Time: Dec 03 08:17:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 23:11:55 2023
 Response via : Initial Calibration

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

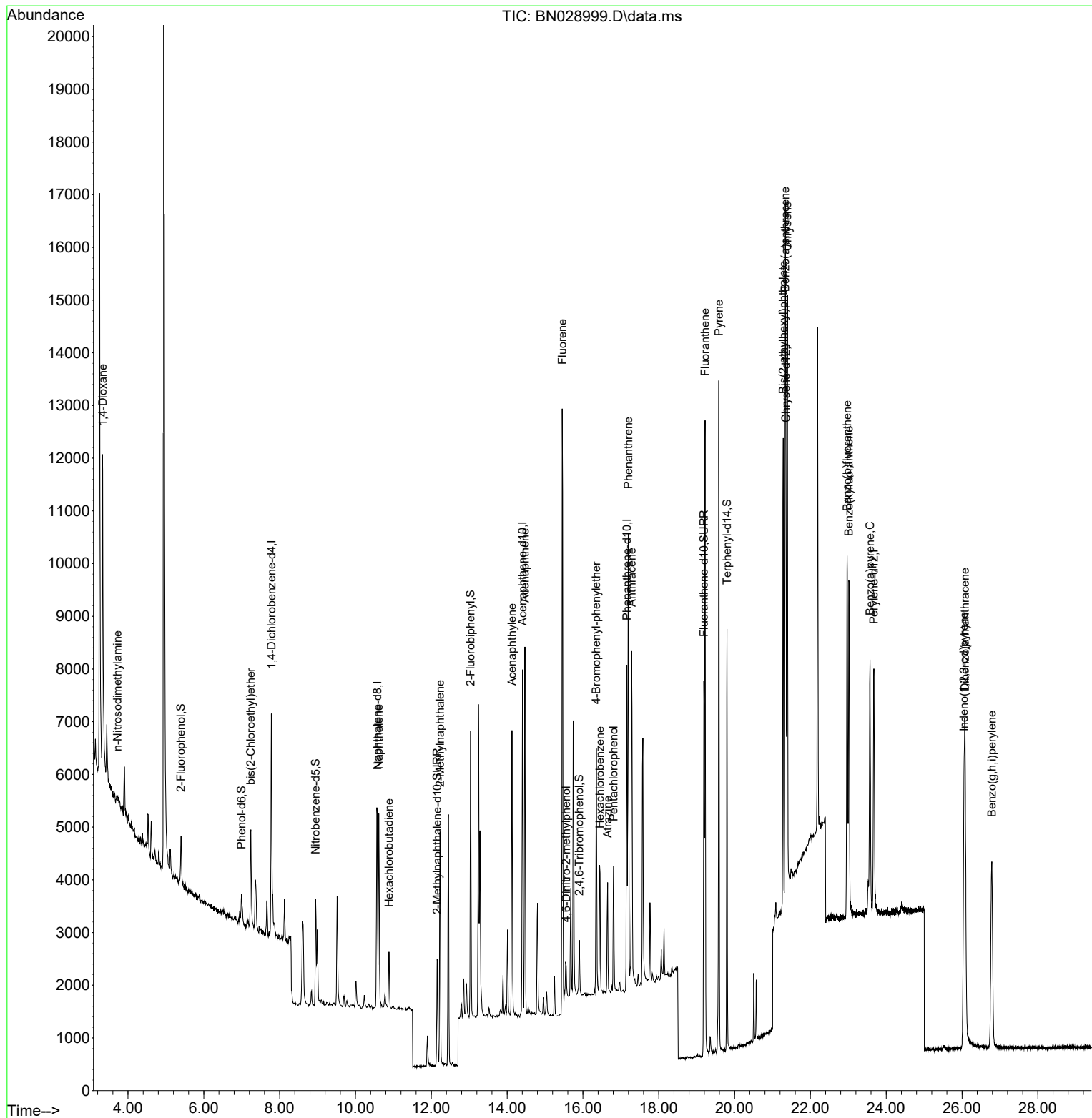
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	1942	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	5554	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	3568	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	8329	0.400	ng	#-0.01
29) Chrysene-d12	21.356	240	6987	0.400	ng	#-0.02
35) Perylene-d12	23.673	264	6690	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	647	0.110	ng	-0.01
5) Phenol-d6	6.995	99	505	0.077	ng	-0.01
8) Nitrobenzene-d5	8.950	82	1696	0.307	ng	-0.02
11) 2-Methylnaphthalene-d10	12.155	152	3096	0.347	ng	-0.02
14) 2,4,6-Tribromophenol	15.905	330	618	0.256	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	4410	0.286	ng	-0.01
27) Fluoranthene-d10	19.190	212	8162	0.373	ng	-0.02
31) Terphenyl-d14	19.799	244	7698	0.391	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	4217	2.217	ng	# 90
3) n-Nitrosodimethylamine	3.723	42	149	0.141	ng	# 24
6) bis(2-Chloroethyl)ether	7.240	93	1643	0.299	ng	96
9) Naphthalene	10.616	128	4665	0.264	ng	97
10) Hexachlorobutadiene	10.883	225	754	0.209	ng	# 98
12) 2-Methylnaphthalene	12.231	142	3090	0.279	ng	97
16) Acenaphthylene	14.129	152	5563	0.294	ng	99
17) Acenaphthene	14.471	154	3407	0.272	ng	99
18) Fluorene	15.455	166	5296	0.333	ng	95
20) 4,6-Dinitro-2-methylph...	15.558	198	394	0.215	ng	# 76
21) 4-Bromophenyl-phenylether	16.352	248	1667	0.291	ng	# 78
22) Hexachlorobenzene	16.451	284	1869	0.266	ng	95
23) Atrazine	16.650	200	1709	0.341	ng	95
24) Pentachlorophenol	16.811	266	1158	0.353	ng	96
25) Phenanthrene	17.196	178	8579	0.312	ng	97
26) Anthracene	17.283	178	7710	0.303	ng	99
28) Fluoranthene	19.223	202	10774	0.377	ng	# 97
30) Pyrene	19.585	202	11093	0.302	ng	99
32) Benzo(a)anthracene	21.338	228	9618	0.324	ng	94
33) Chrysene	21.392	228	9411	0.323	ng	94
34) Bis(2-ethylhexyl)phtha...	21.284	149	8530	0.068	ng	# 85
36) Indeno(1,2,3-cd)pyrene	26.049	276	10045	0.345	ng	# 93
37) Benzo(b)fluoranthene	22.968	252	9431	0.345	ng	# 32
38) Benzo(k)fluoranthene	23.015	252	8534	0.330	ng	# 31
39) Benzo(a)pyrene	23.570	252	7325	0.300	ng	# 27
40) Dibenzo(a,h)anthracene	26.079	278	7946	0.352	ng	# 29
41) Benzo(g,h,i)perylene	26.786	276	8148	0.321	ng	# 72

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
 Data File : BN028999.D
 Acq On : 03 Dec 2023 00:47
 Operator : MA/JU
 Sample : 05404-19MSD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20231109MSD

Quant Time: Dec 03 08:17:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 23:11:55 2023
 Response via : Initial Calibration

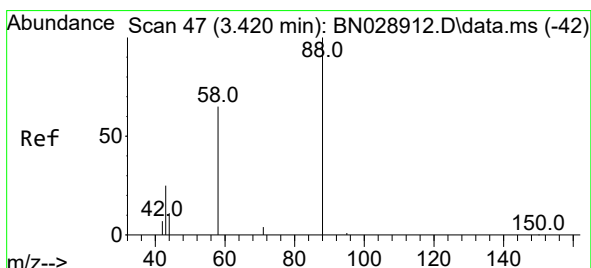
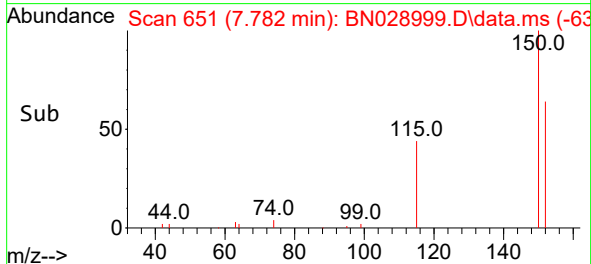
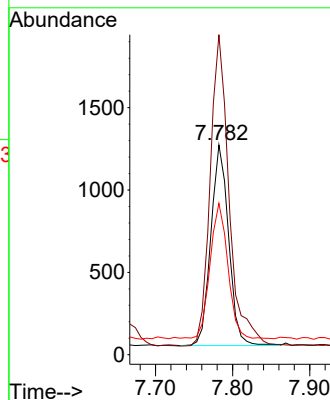
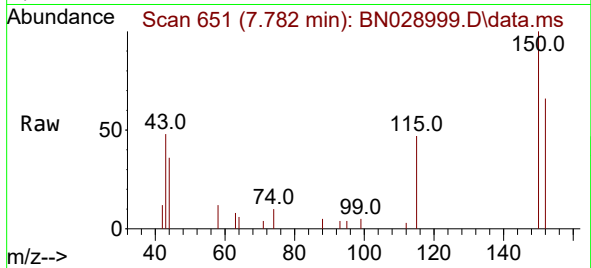




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.782 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

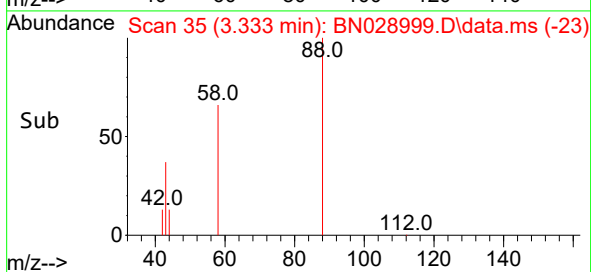
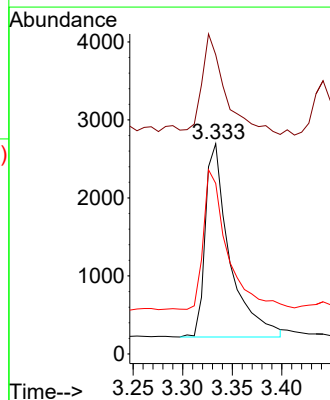
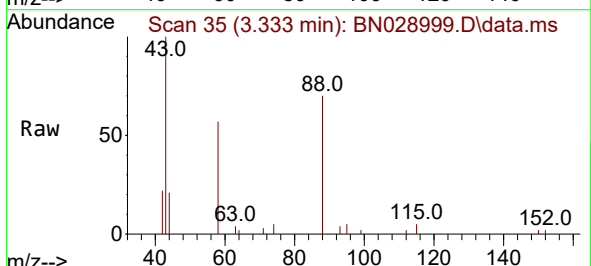
Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109MSD

Tgt Ion:152 Resp: 1942
Ion Ratio Lower Upper
152 100
150 152.5 123.4 185.2
115 72.1 59.1 88.7



#2
1,4-Dioxane
Concen: 2.217 ng
RT: 3.333 min Scan# 35
Delta R.T. -0.015 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

Tgt Ion: 88 Resp: 4217
Ion Ratio Lower Upper
88 100
43 50.7 29.9 44.9#
58 71.8 55.0 82.4

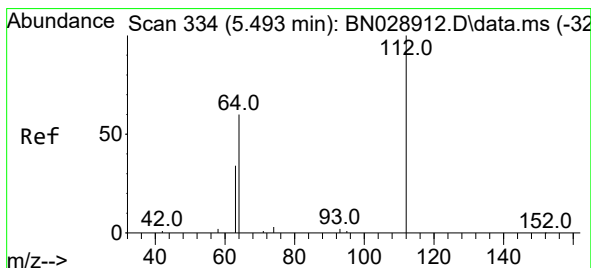
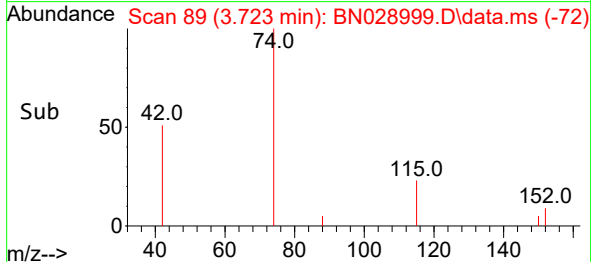
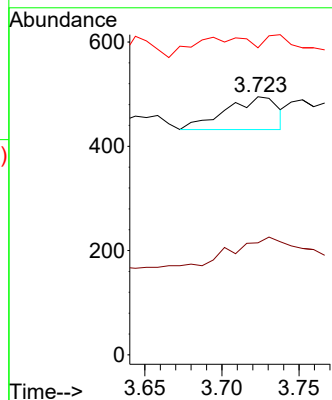
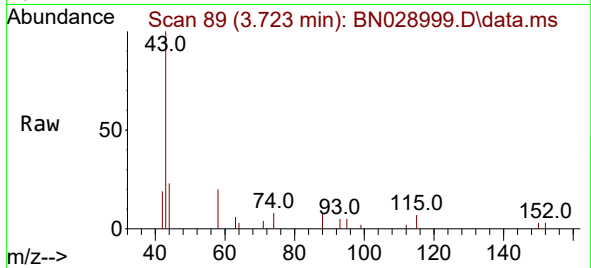




#3
n-Nitrosodimethylamine
Concen: 0.141 ng
RT: 3.723 min Scan# 89
Delta R.T. 0.022 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

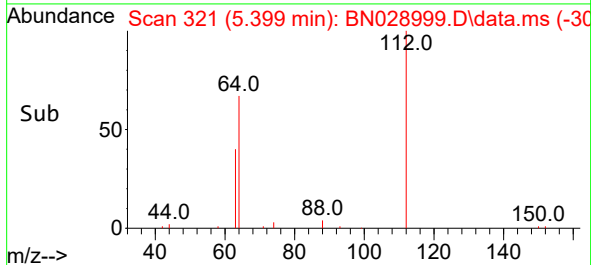
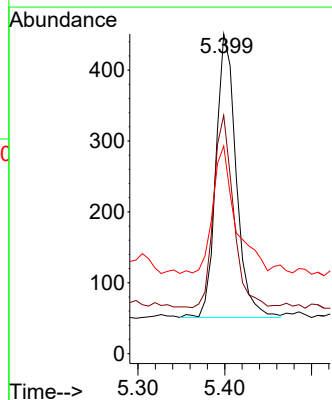
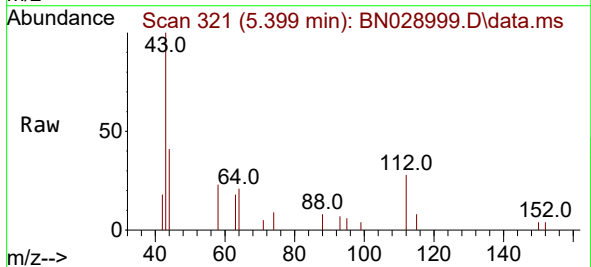
Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109MSD

Tgt Ion: 42 Resp: 149
Ion Ratio Lower Upper
42 100
74 134.2 57.0 85.6#
44 18.1 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.110 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.015 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

Tgt Ion: 112 Resp: 647
Ion Ratio Lower Upper
112 100
64 65.5 51.5 77.3
63 52.7 30.4 45.6#

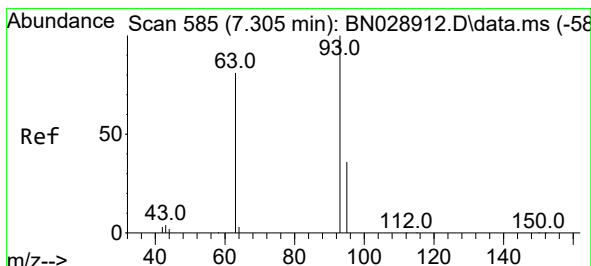
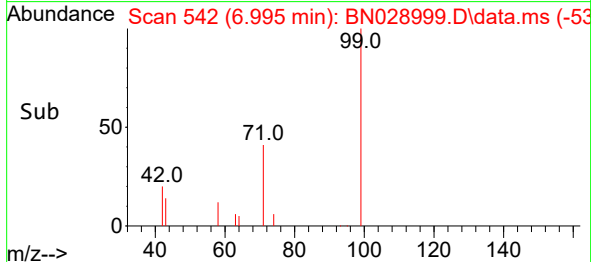
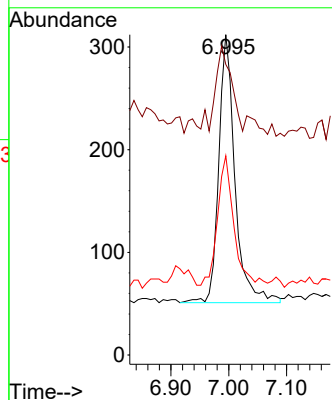
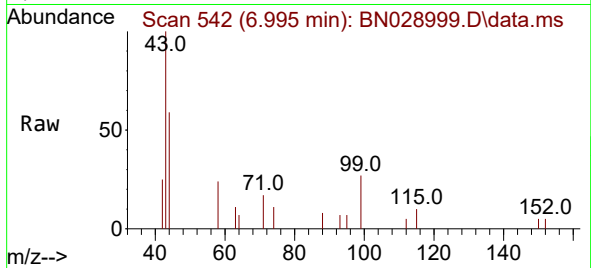




#5
Phenol-d6
Concen: 0.077 ng
RT: 6.995 min Scan# 54
Delta R.T. -0.015 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

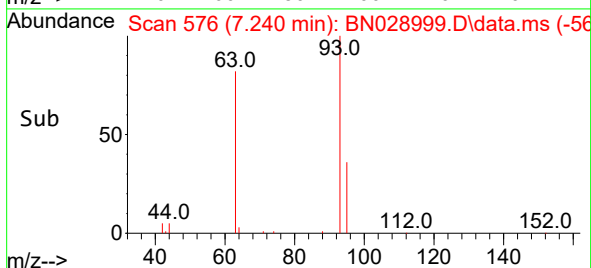
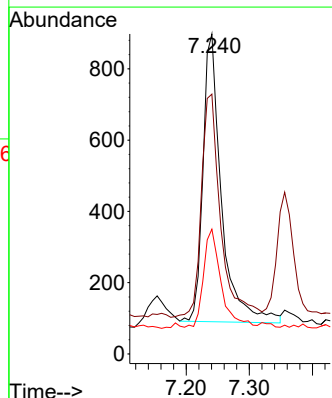
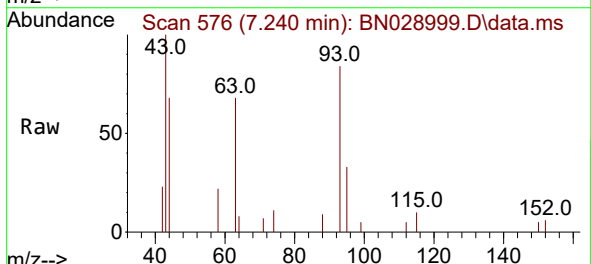
Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109MSD

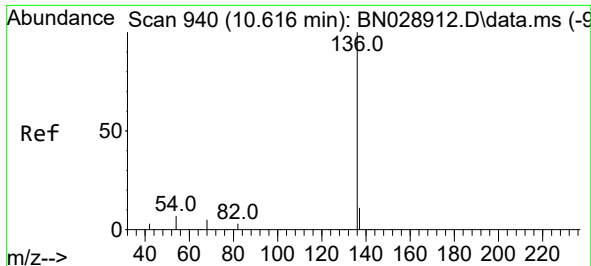
Tgt Ion: 99 Resp: 505
Ion Ratio Lower Upper
99 100
42 33.3 21.2 31.8#
71 49.9 35.4 53.0



#6
bis(2-Chloroethyl)ether
Concen: 0.299 ng
RT: 7.240 min Scan# 576
Delta R.T. -0.007 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

Tgt Ion: 93 Resp: 1643
Ion Ratio Lower Upper
93 100
63 80.4 66.9 100.3
95 33.2 28.2 42.4

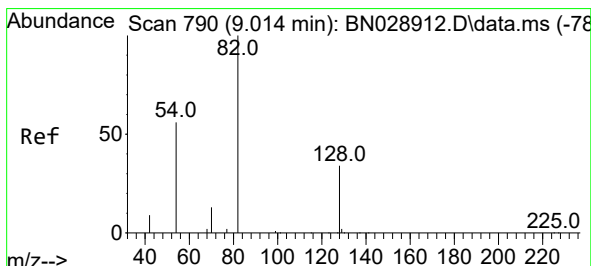
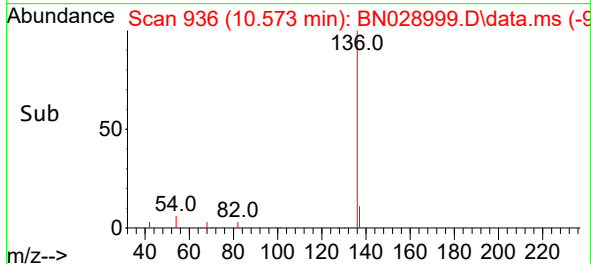
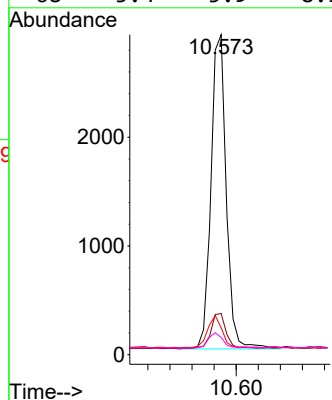
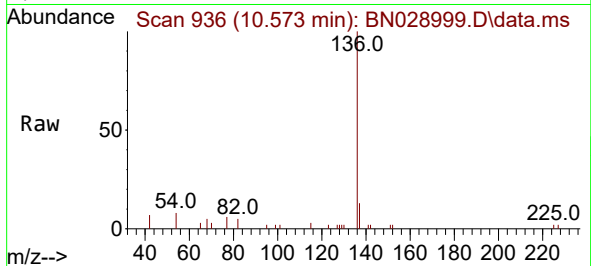




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

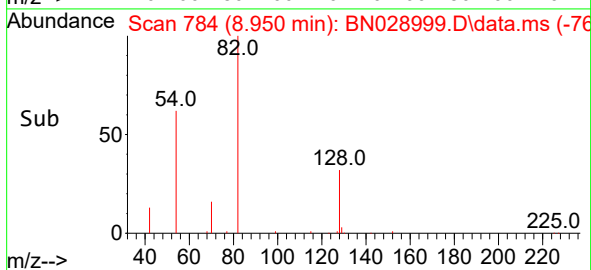
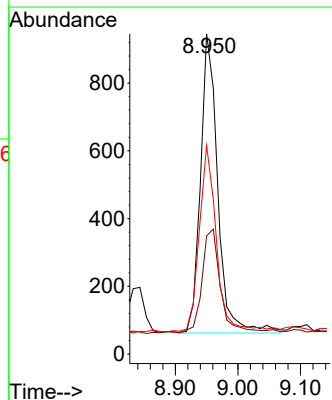
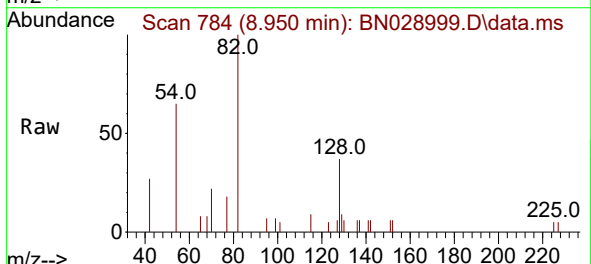
Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109MSD

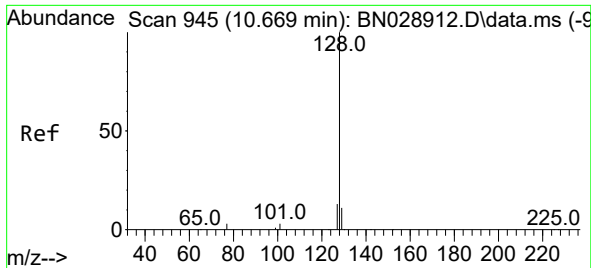
Tgt Ion:	136	Resp:	5554
Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.6	16.0
54	8.4	7.5	11.3
68	5.4	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.021 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

Tgt Ion:	82	Resp:	1696
Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.2	43.8
54	65.2	47.0	70.6

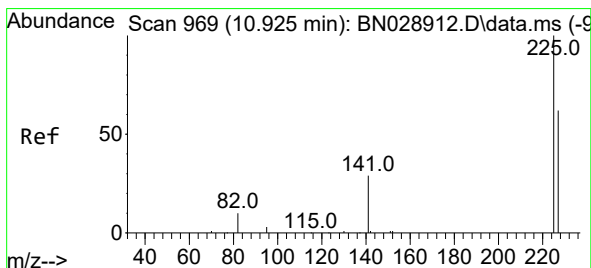
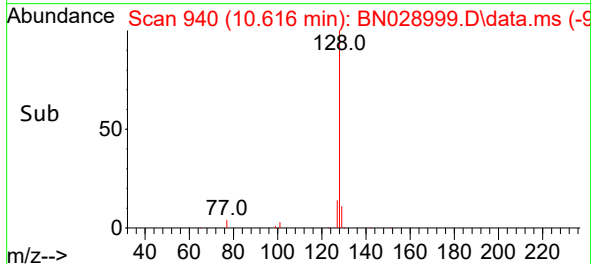
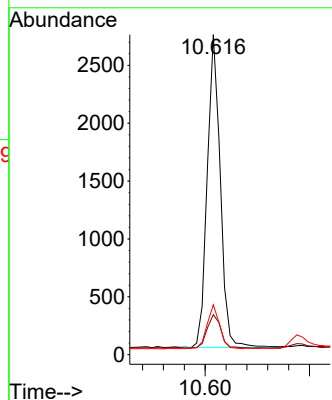
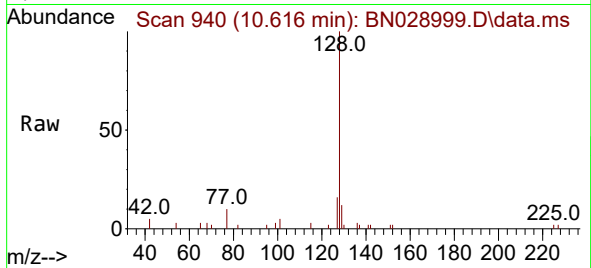




#9
Naphthalene
Concen: 0.264 ng
RT: 10.616 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

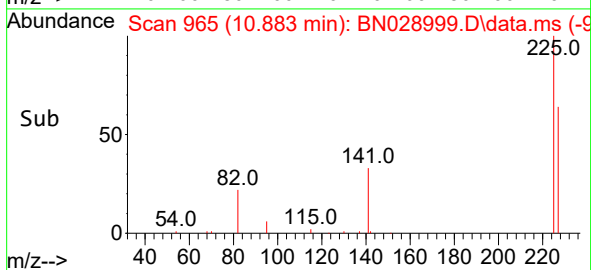
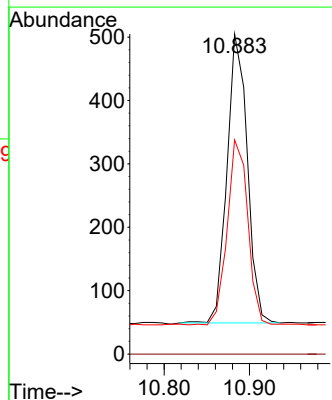
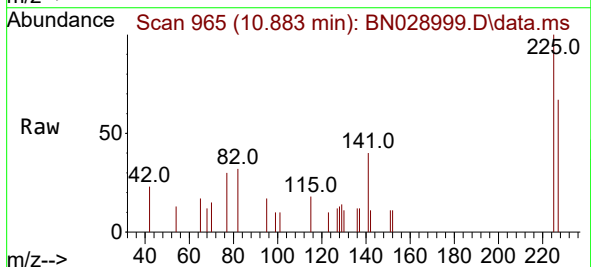
Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109MSD

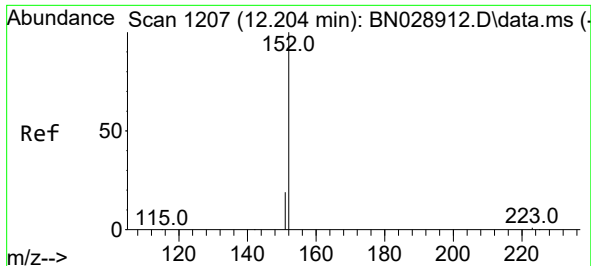
Tgt Ion:128 Resp: 4665
Ion Ratio Lower Upper
128 100
129 12.5 9.5 14.3
127 15.6 11.0 16.4



#10
Hexachlorobutadiene
Concen: 0.209 ng
RT: 10.883 min Scan# 965
Delta R.T. -0.021 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

Tgt Ion:225 Resp: 754
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.9 50.6 76.0





#11

2-Methylnaphthalene-d10

Concen: 0.347 ng

RT: 12.155 min Scan# 1114

Delta R.T. -0.015 min

Lab File: BN028999.D

Acq: 03 Dec 2023 00:47

Instrument :

BNA_N

ClientSampleId :

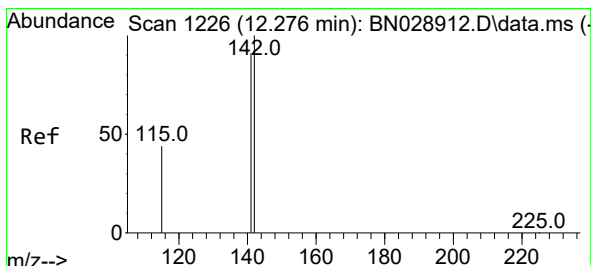
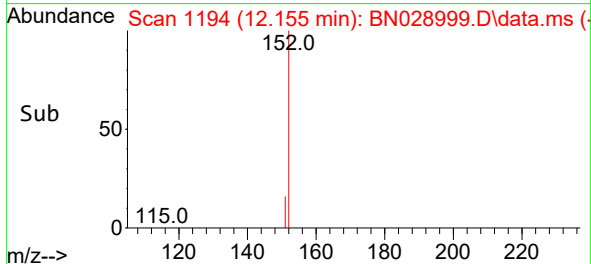
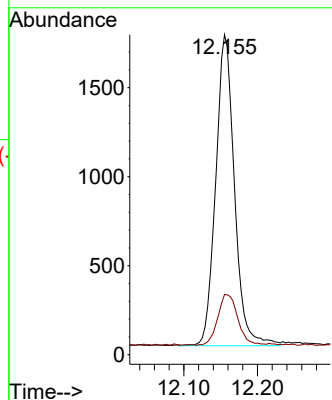
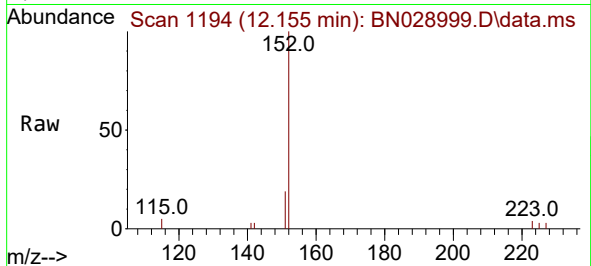
RE108D1-20231109MSD

Tgt Ion:152 Resp: 3096

Ion Ratio Lower Upper

152 100

151 17.5 16.7 25.1



#12

2-Methylnaphthalene

Concen: 0.279 ng

RT: 12.231 min Scan# 1214

Delta R.T. -0.015 min

Lab File: BN028999.D

Acq: 03 Dec 2023 00:47

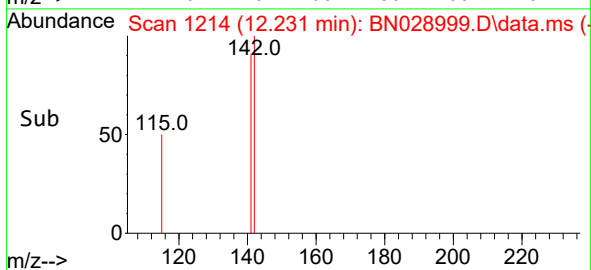
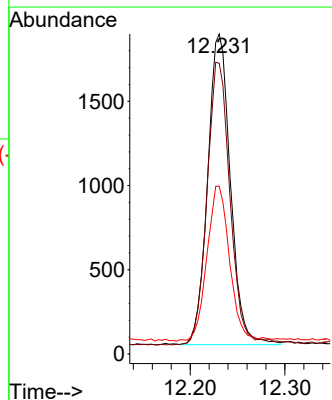
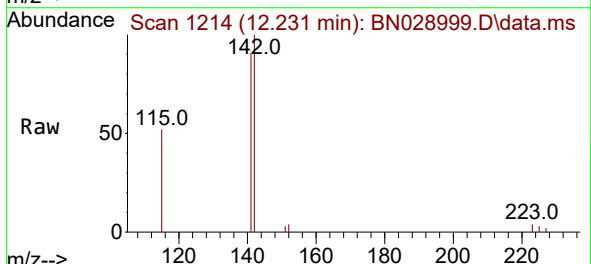
Tgt Ion:142 Resp: 3090

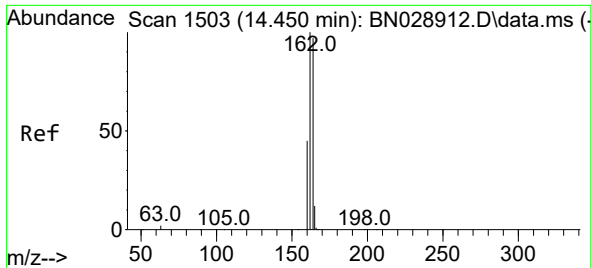
Ion Ratio Lower Upper

142 100

141 90.8 73.1 109.7

115 52.5 37.6 56.4

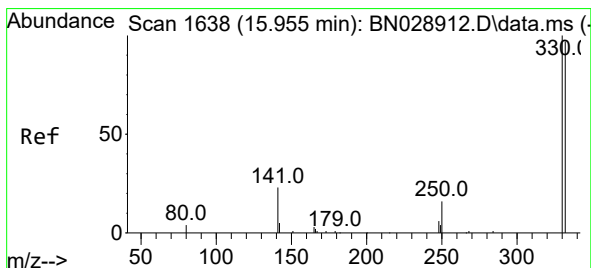
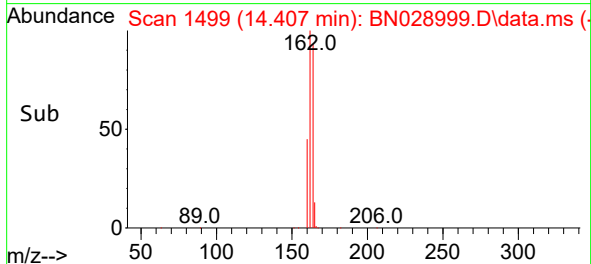
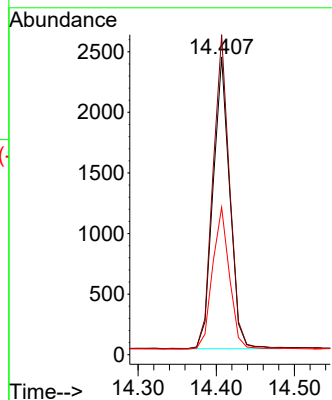
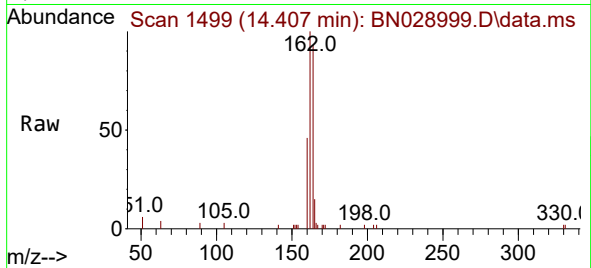




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.407 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

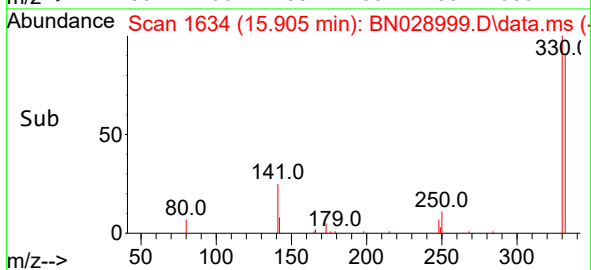
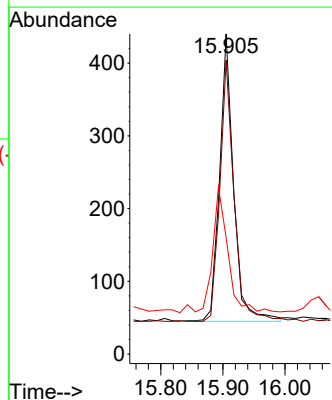
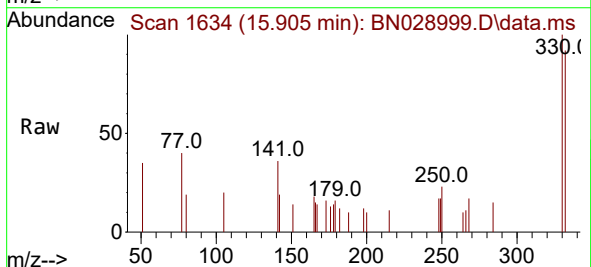
Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109MSD

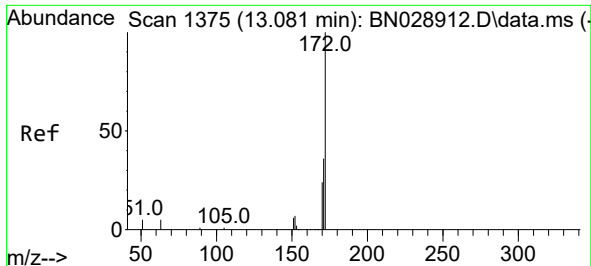
Tgt Ion:164 Resp: 3568
Ion Ratio Lower Upper
164 100
162 107.4 81.7 122.5
160 49.5 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.256 ng
RT: 15.905 min Scan# 1634
Delta R.T. -0.013 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

Tgt Ion:330 Resp: 618
Ion Ratio Lower Upper
330 100
332 91.7 75.4 113.2
141 48.5 35.7 53.5

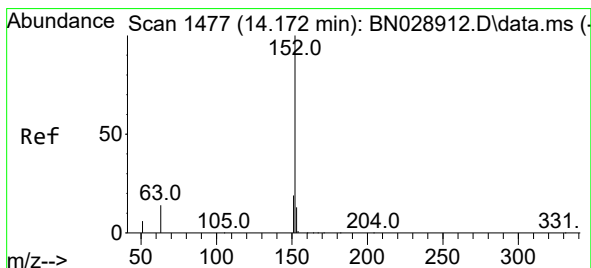
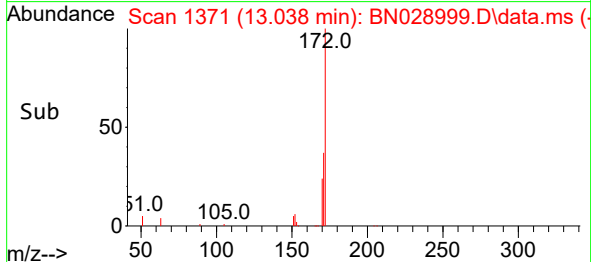
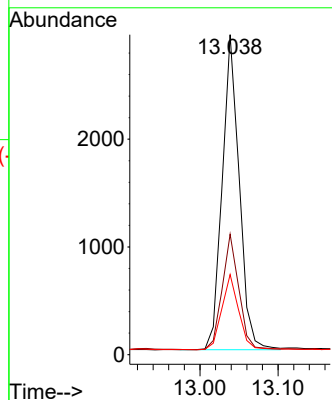
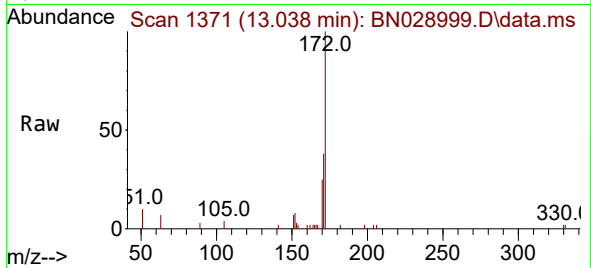




#15
2-Fluorobiphenyl
Concen: 0.286 ng
RT: 13.038 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

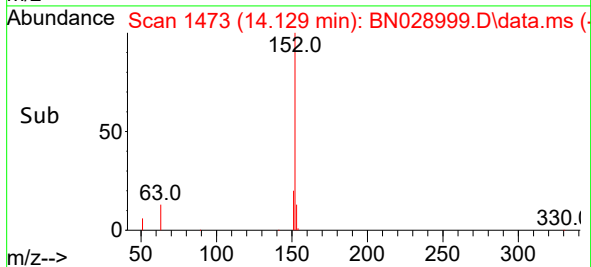
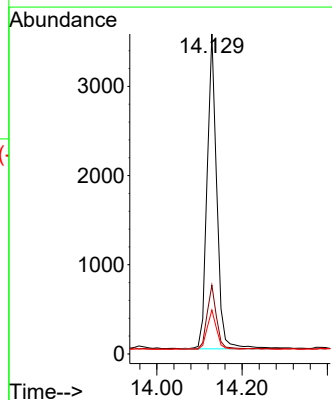
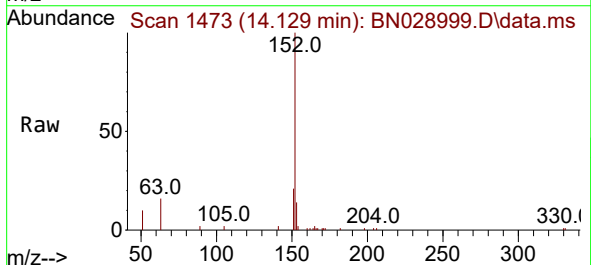
Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109MSD

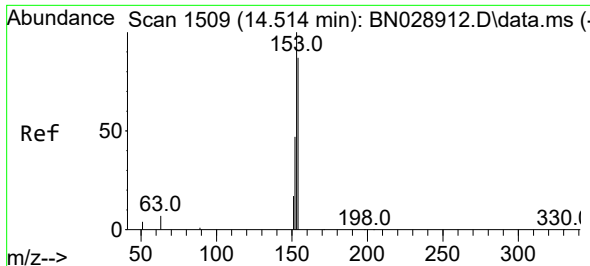
Tgt Ion:172 Resp: 4410
Ion Ratio Lower Upper
172 100
171 37.7 29.0 43.4
170 25.1 19.7 29.5



#16
Acenaphthylene
Concen: 0.294 ng
RT: 14.129 min Scan# 1473
Delta R.T. -0.011 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

Tgt Ion:152 Resp: 5563
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 12.5 10.8 16.2

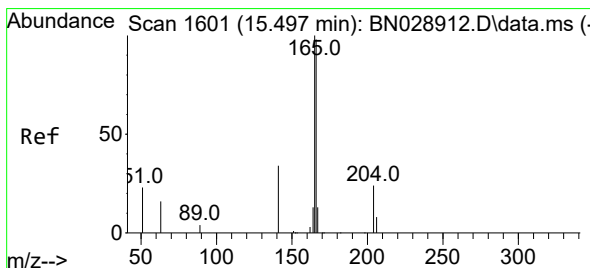
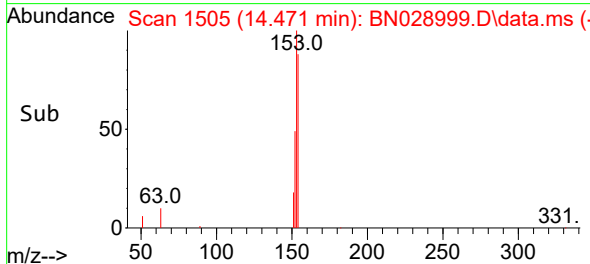
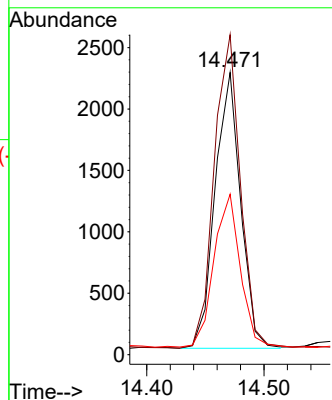
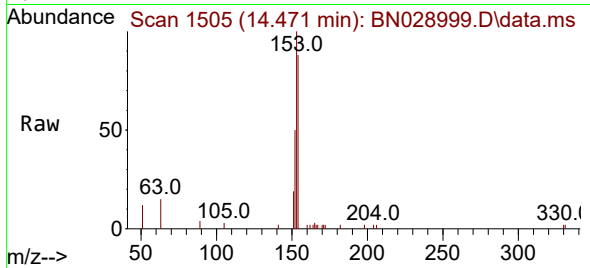




#17
Acenaphthene
Concen: 0.272 ng
RT: 14.471 min Scan# 1505
Delta R.T. -0.011 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

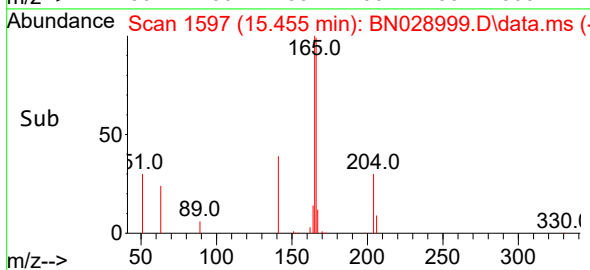
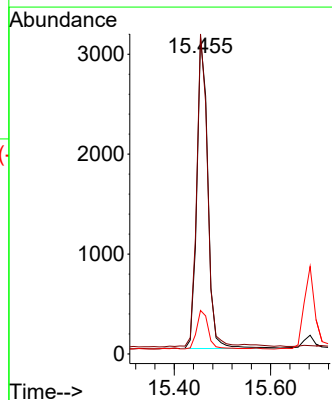
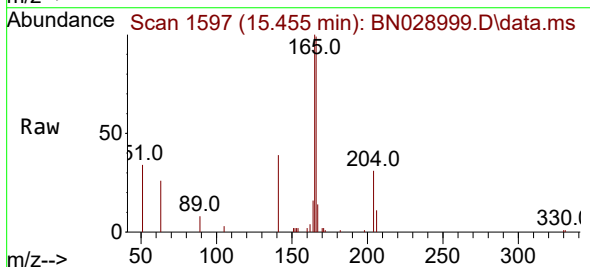
Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109MSD

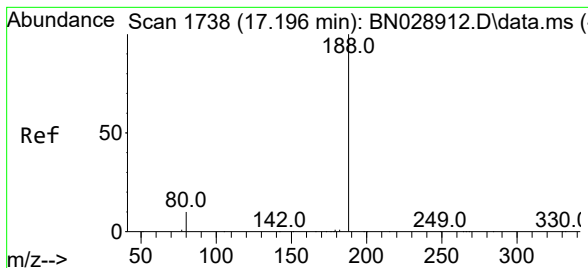
Tgt Ion:154 Resp: 3407
Ion Ratio Lower Upper
154 100
153 117.0 93.8 140.6
152 57.4 44.5 66.7



#18
Fluorene
Concen: 0.333 ng
RT: 15.455 min Scan# 1597
Delta R.T. -0.021 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

Tgt Ion:166 Resp: 5296
Ion Ratio Lower Upper
166 100
165 94.2 79.4 119.2
167 12.8 11.0 16.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.159 min Scan# 1

Delta R.T. -0.013 min

Lab File: BN028999.D

Acq: 03 Dec 2023 00:47

Instrument :

BNA_N

ClientSampleId :

RE108D1-20231109MSD

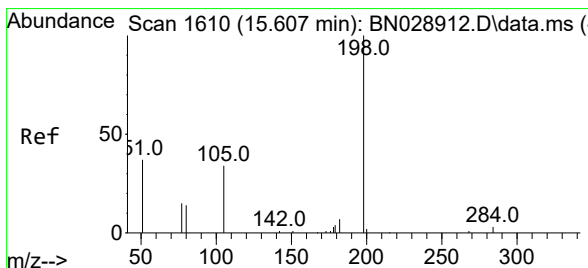
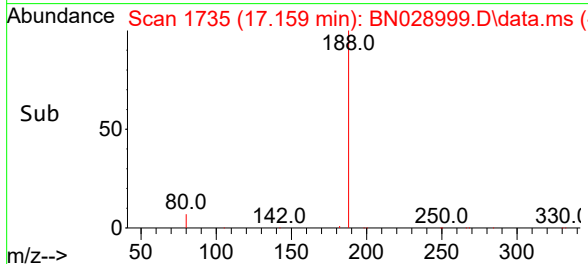
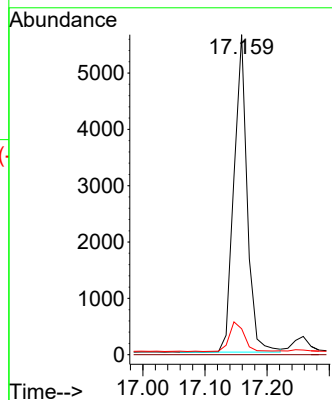
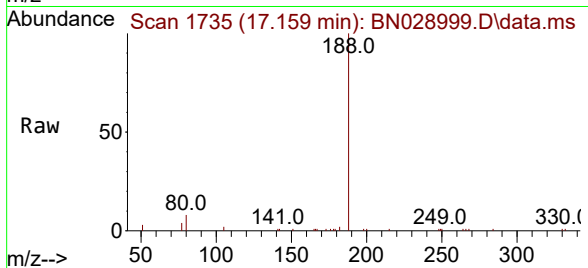
Tgt Ion:188 Resp: 8329

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.1 9.0 13.6#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.215 ng

RT: 15.558 min Scan# 1606

Delta R.T. -0.013 min

Lab File: BN028999.D

Acq: 03 Dec 2023 00:47

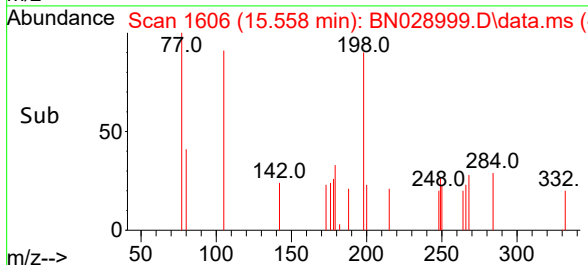
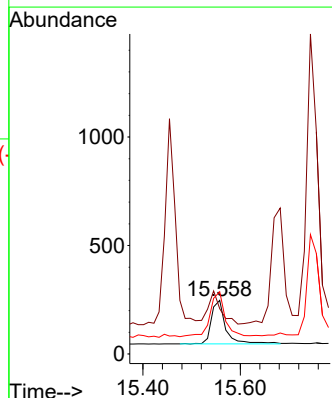
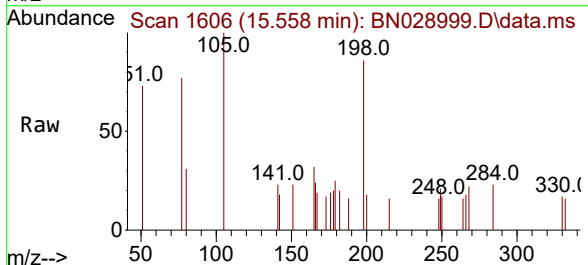
Tgt Ion:198 Resp: 394

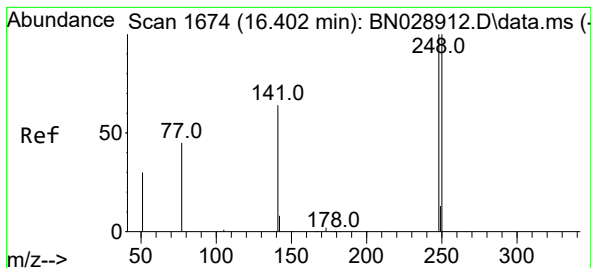
Ion Ratio Lower Upper

198 100

51 84.6 76.2 114.4

105 116.2 64.9 97.3#

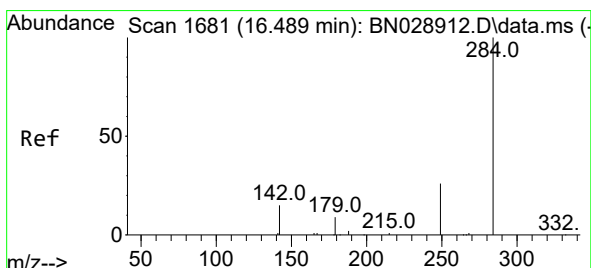
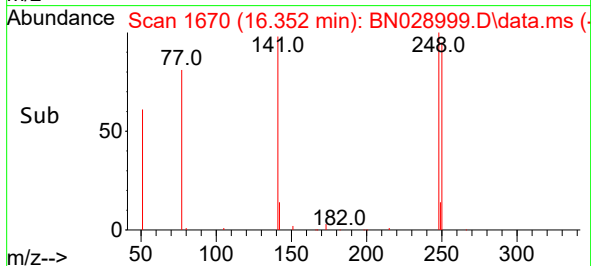
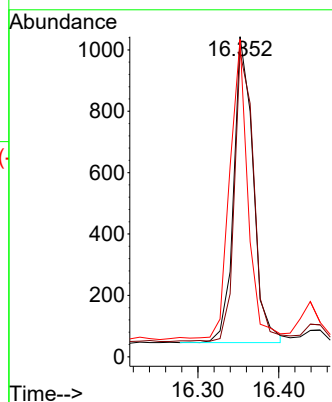
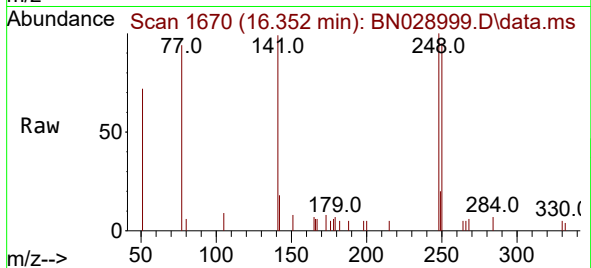




#21
4-Bromophenyl-phenylether
Concen: 0.291 ng
RT: 16.352 min Scan# 1667
Delta R.T. -0.013 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

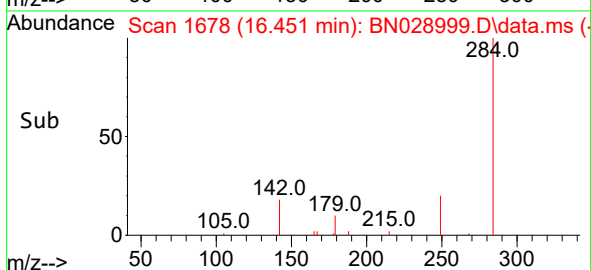
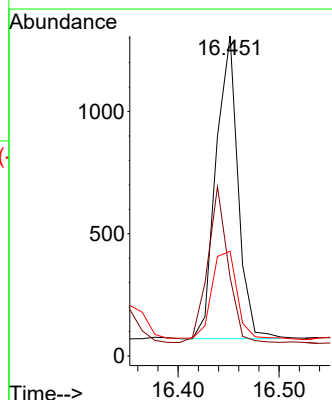
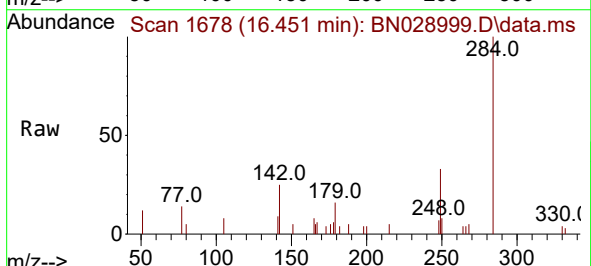
Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109MSD

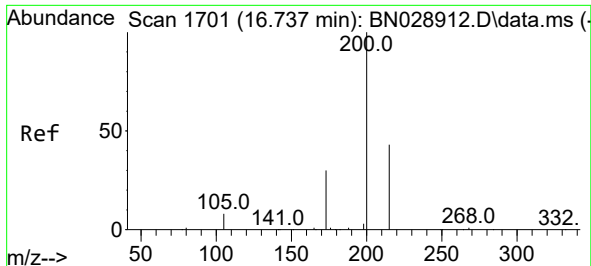
Tgt Ion:248 Resp: 1667
Ion Ratio Lower Upper
248 100
250 95.3 83.5 125.3
141 99.1 52.9 79.3#



#22
Hexachlorobenzene
Concen: 0.266 ng
RT: 16.451 min Scan# 1678
Delta R.T. -0.013 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

Tgt Ion:284 Resp: 1869
Ion Ratio Lower Upper
284 100
142 48.2 34.1 51.1
249 32.3 25.7 38.5

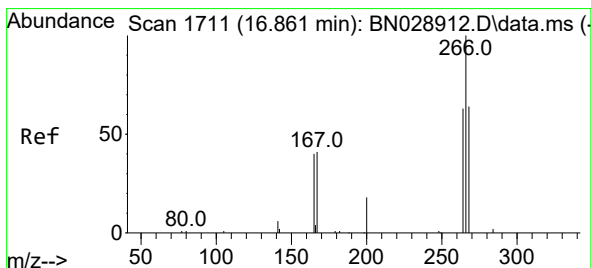
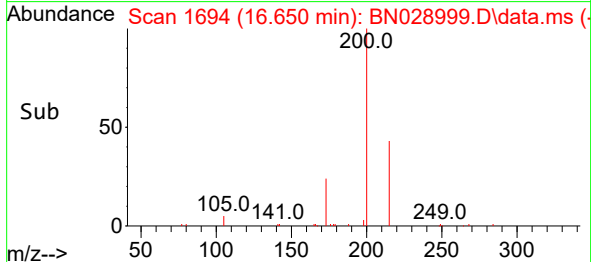
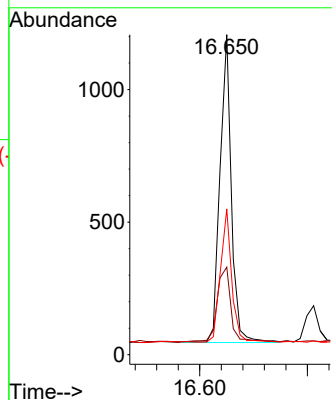
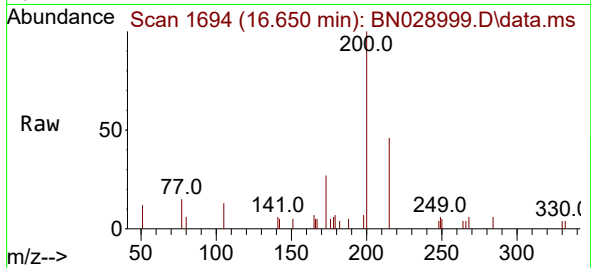




#23
Atrazine
Concen: 0.341 ng
RT: 16.650 min Scan# 1709
Delta R.T. -0.013 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

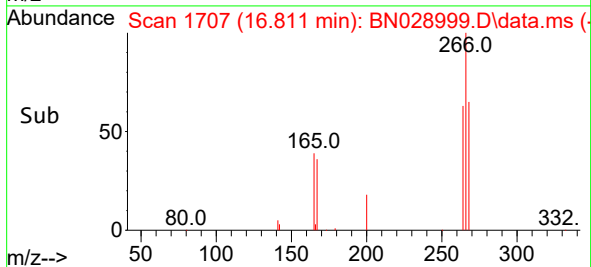
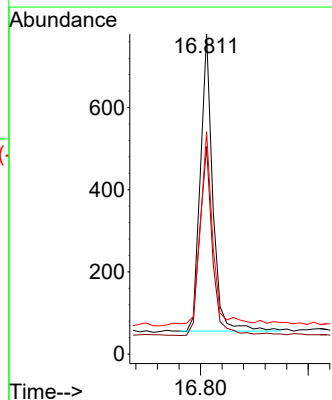
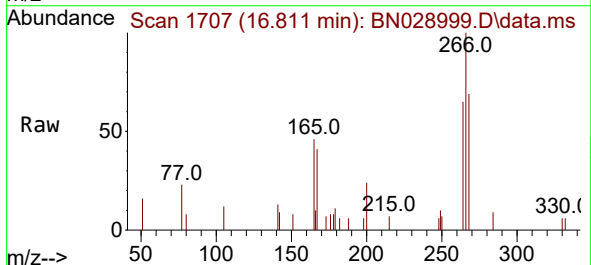
Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109MSD

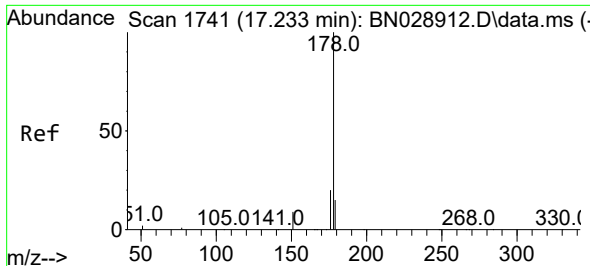
Tgt Ion:200 Resp: 1709
Ion Ratio Lower Upper
200 100
173 27.3 26.2 39.4
215 45.6 35.8 53.6



#24
Pentachlorophenol
Concen: 0.353 ng
RT: 16.811 min Scan# 1707
Delta R.T. -0.013 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

Tgt Ion:266 Resp: 1158
Ion Ratio Lower Upper
266 100
264 65.4 50.7 76.1
268 64.4 54.9 82.3

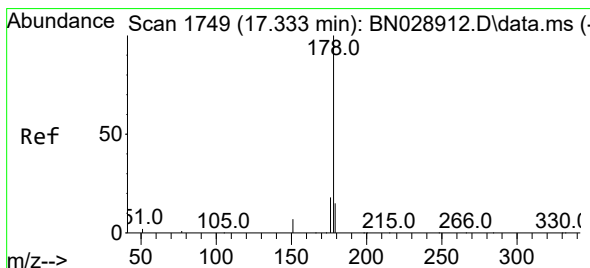
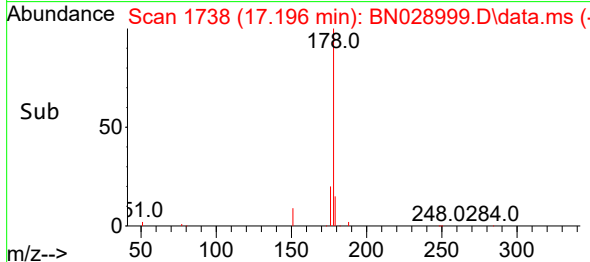
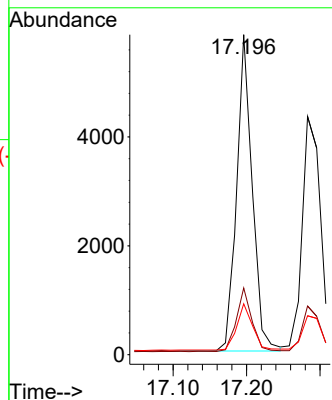
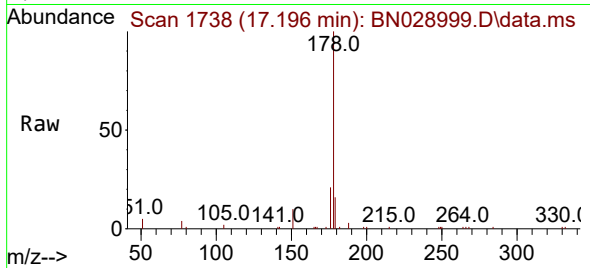




#25
Phenanthrene
Concen: 0.312 ng
RT: 17.196 min Scan# 1740
Delta R.T. -0.013 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

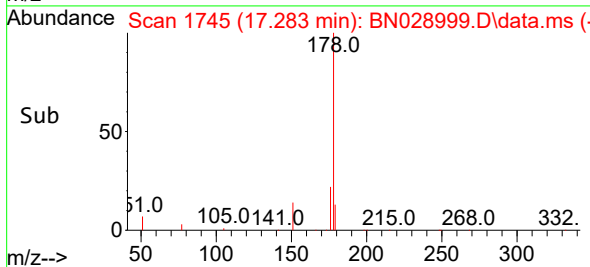
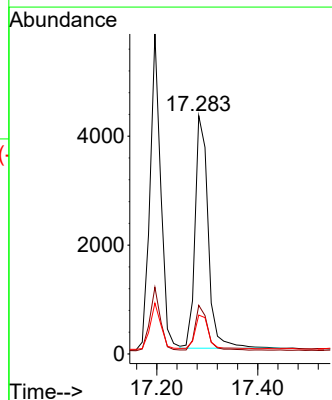
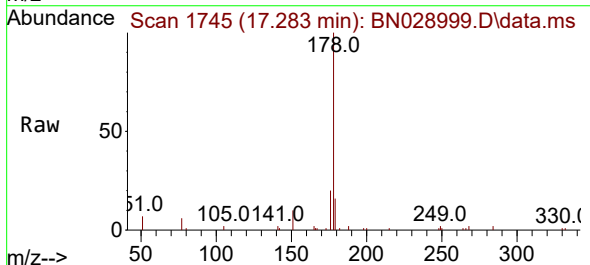
Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109MSD

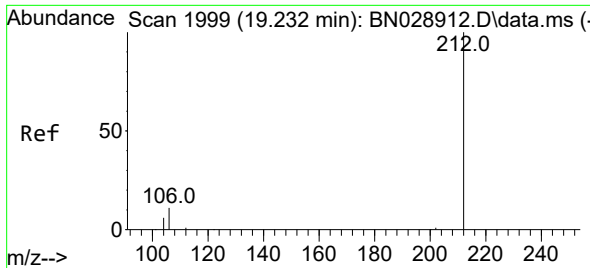
Tgt Ion:178 Resp: 8579
Ion Ratio Lower Upper
178 100
176 20.2 16.4 24.6
179 14.9 14.1 21.1



#26
Anthracene
Concen: 0.303 ng
RT: 17.283 min Scan# 1745
Delta R.T. -0.025 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

Tgt Ion:178 Resp: 7710
Ion Ratio Lower Upper
178 100
176 18.3 15.2 22.8
179 14.7 12.2 18.2

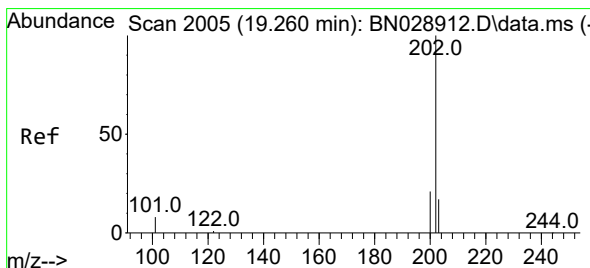
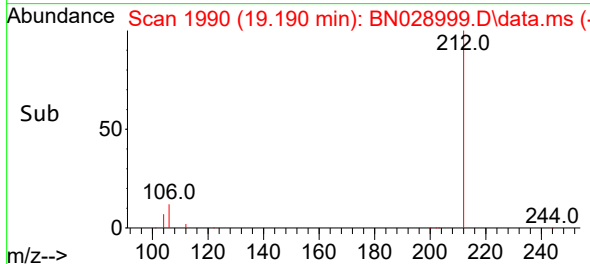
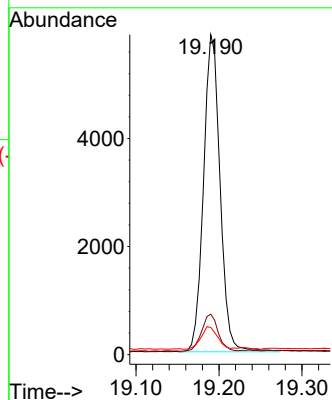
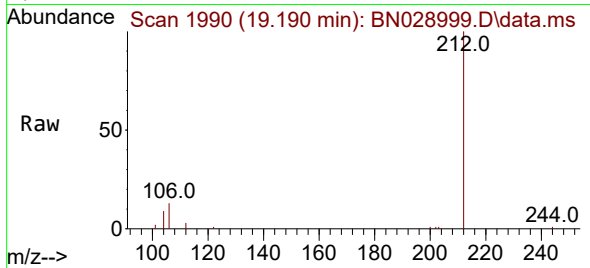




#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.190 min Scan# 1990
Delta R.T. -0.019 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

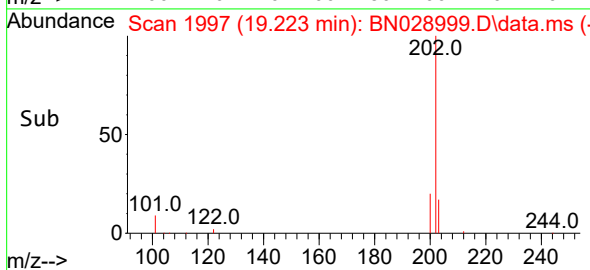
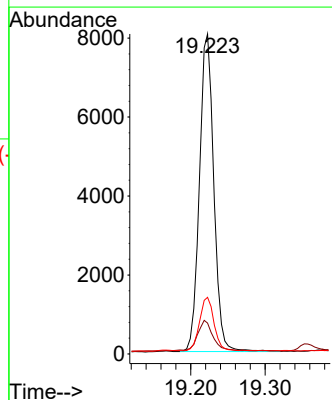
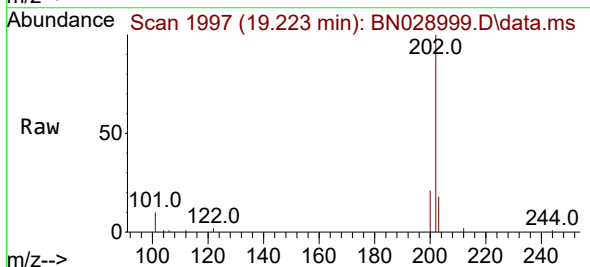
Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109MSD

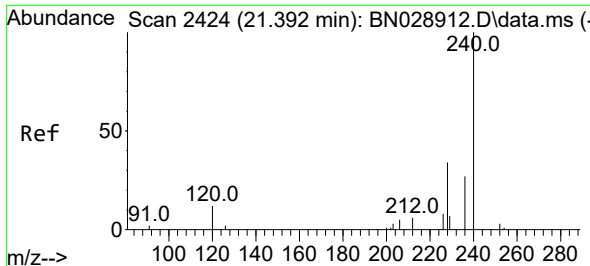
Tgt Ion:212 Resp: 8162
Ion Ratio Lower Upper
212 100
106 11.6 9.4 14.2
104 7.1 6.2 9.2



#28
Fluoranthene
Concen: 0.377 ng
RT: 19.223 min Scan# 1997
Delta R.T. -0.014 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

Tgt Ion:202 Resp: 10774
Ion Ratio Lower Upper
202 100
101 11.1 7.3 10.9#
203 16.8 14.1 21.1

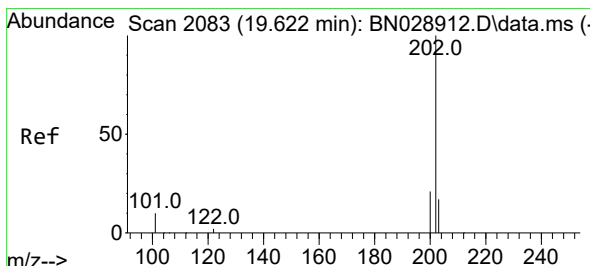
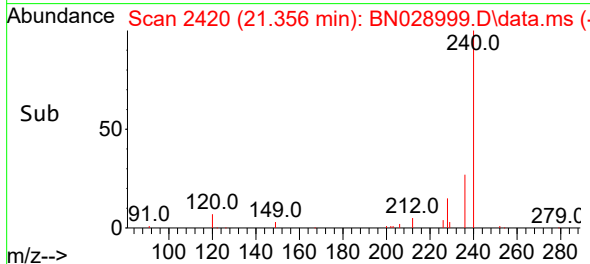
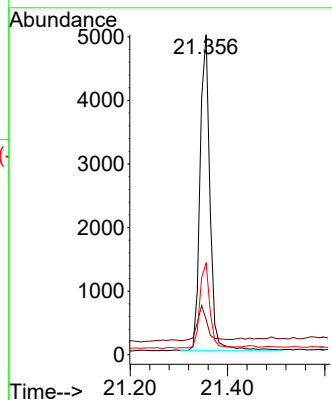
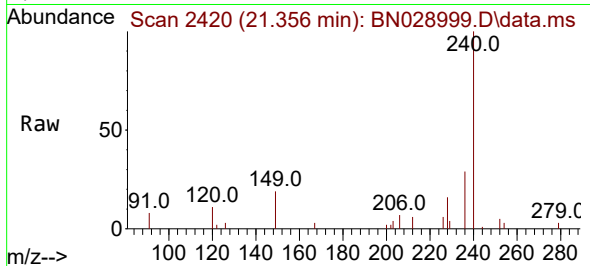




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.356 min Scan# 2424
Delta R.T. -0.018 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

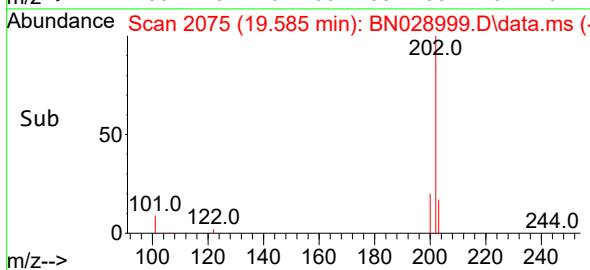
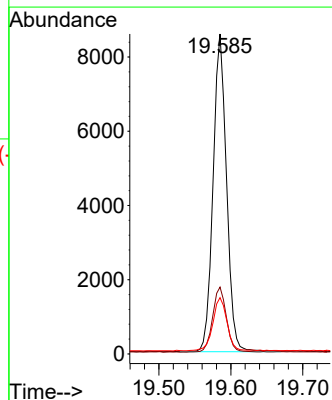
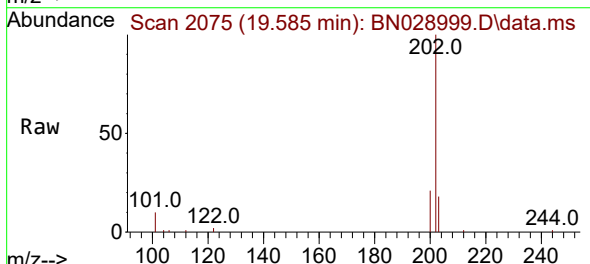
Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109MSD

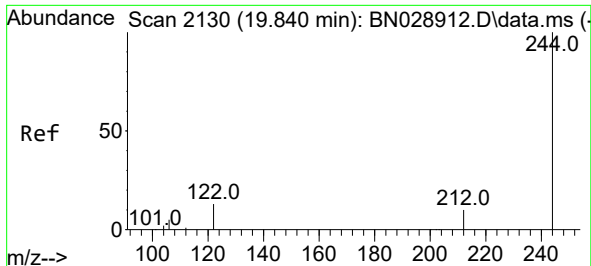
Tgt Ion:240 Resp: 6987
Ion Ratio Lower Upper
240 100
120 11.0 37.1 55.7#
236 28.6 32.4 48.6#



#30
Pyrene
Concen: 0.302 ng
RT: 19.585 min Scan# 2075
Delta R.T. -0.019 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

Tgt Ion:202 Resp: 11093
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.7 14.8 22.2

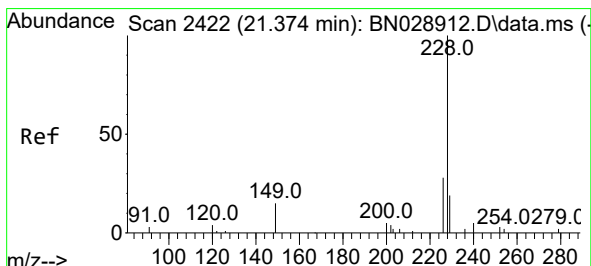
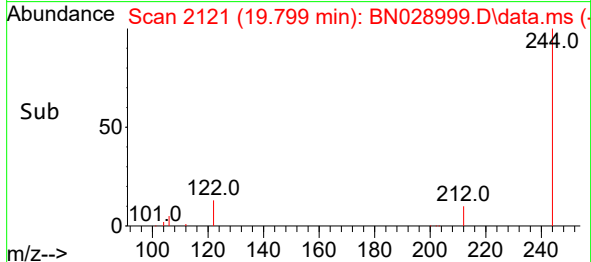
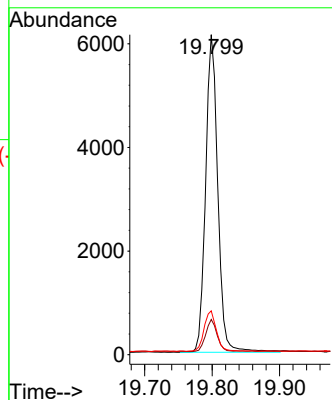
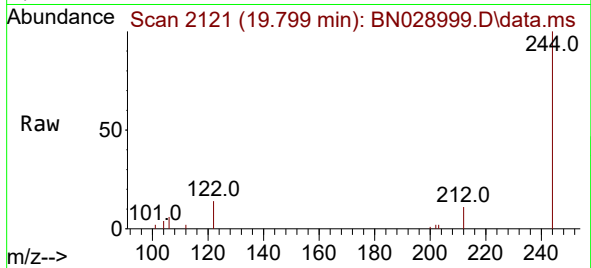




#31
 Terphenyl-d14
 Concen: 0.391 ng
 RT: 19.799 min Scan# 21
 Delta R.T. -0.019 min
 Lab File: BN028999.D
 Acq: 03 Dec 2023 00:47

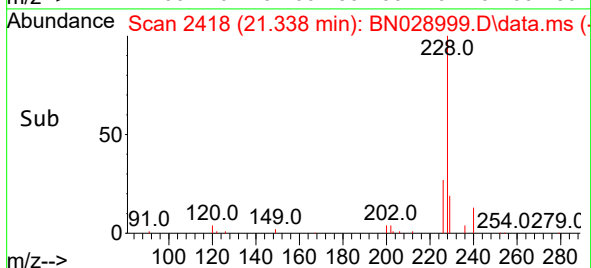
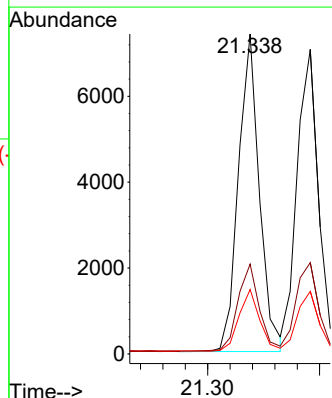
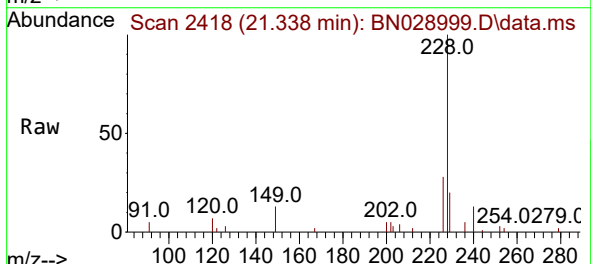
Instrument :
 BNA_N
 ClientSampleId :
 RE108D1-20231109MSD

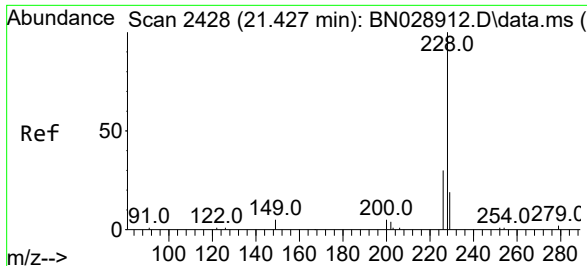
Tgt Ion:244 Resp: 7698
 Ion Ratio Lower Upper
 244 100
 212 11.0 11.5 17.3#
 122 13.7 13.2 19.8



#32
 Benzo(a)anthracene
 Concen: 0.324 ng
 RT: 21.338 min Scan# 2418
 Delta R.T. -0.018 min
 Lab File: BN028999.D
 Acq: 03 Dec 2023 00:47

Tgt Ion:228 Resp: 9618
 Ion Ratio Lower Upper
 228 100
 226 28.1 26.5 39.7
 229 20.2 16.4 24.6

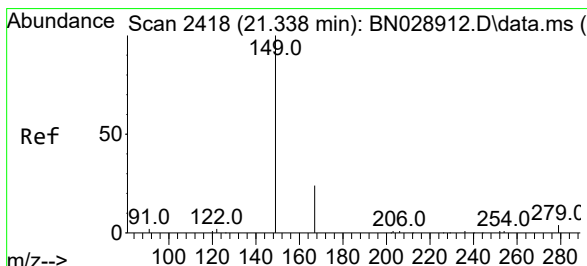
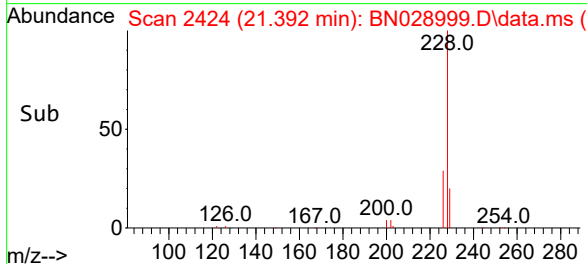
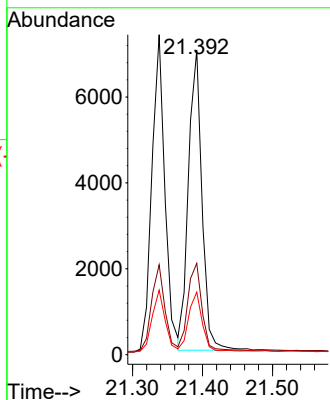
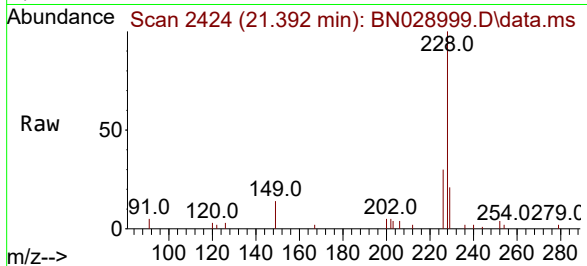




#33
Chrysene
Concen: 0.323 ng
RT: 21.392 min Scan# 2412
Delta R.T. -0.018 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

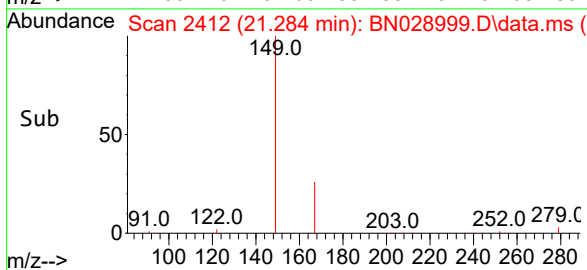
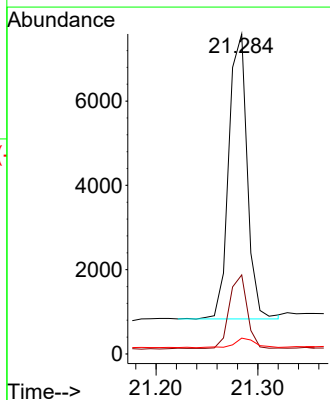
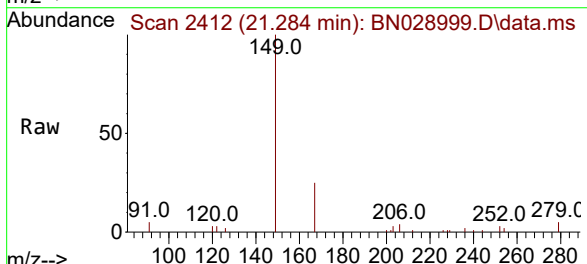
Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109MSD

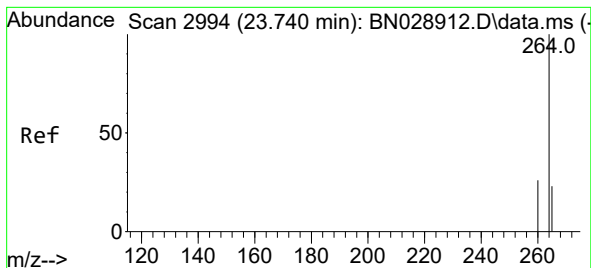
Tgt Ion:228 Resp: 9411
Ion Ratio Lower Upper
228 100
226 30.0 28.3 42.5
229 20.6 16.4 24.6



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.068 ng
RT: 21.284 min Scan# 2412
Delta R.T. -0.018 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

Tgt Ion:149 Resp: 8530
Ion Ratio Lower Upper
149 100
167 26.2 14.9 22.3#
279 3.9 6.3 9.5#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.673 min Scan# 2994

Delta R.T. -0.035 min

Lab File: BN028999.D

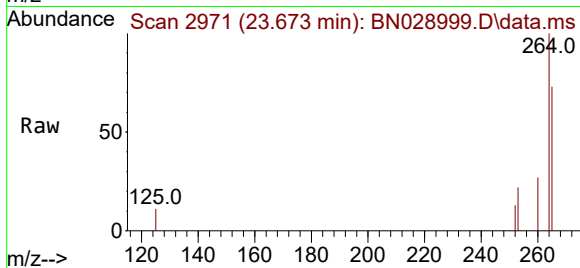
Acq: 03 Dec 2023 00:47

Instrument :

BNA_N

ClientSampleId :

RE108D1-20231109MSD



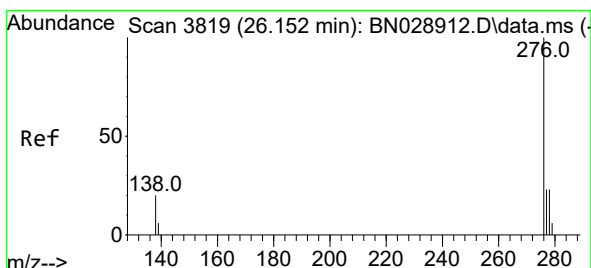
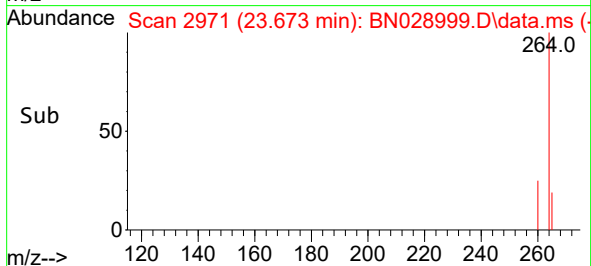
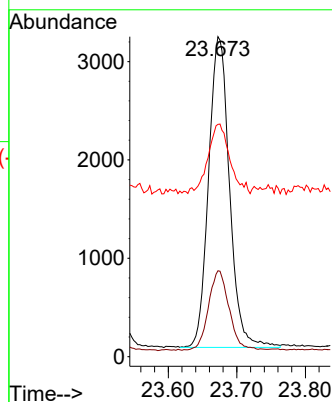
Tgt Ion:264 Resp: 6690

Ion Ratio Lower Upper

264 100

260 26.8 20.6 30.8

265 72.6 464.5 696.7#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.345 ng

RT: 26.049 min Scan# 3784

Delta R.T. -0.053 min

Lab File: BN028999.D

Acq: 03 Dec 2023 00:47

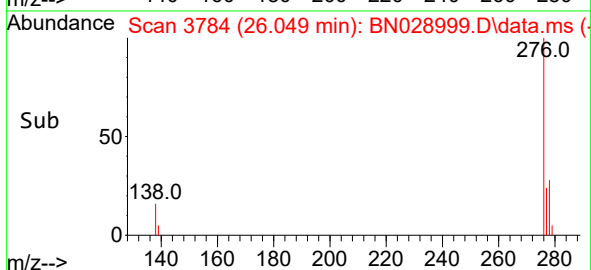
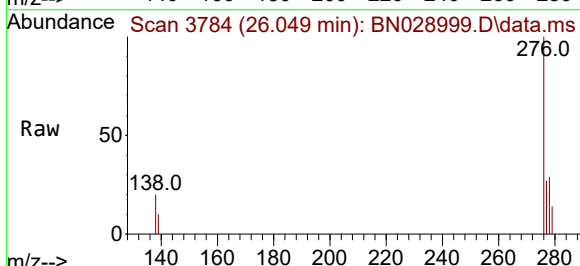
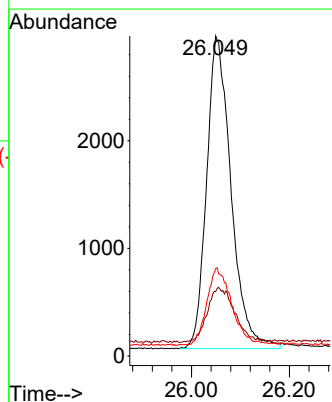
Tgt Ion:276 Resp: 10045

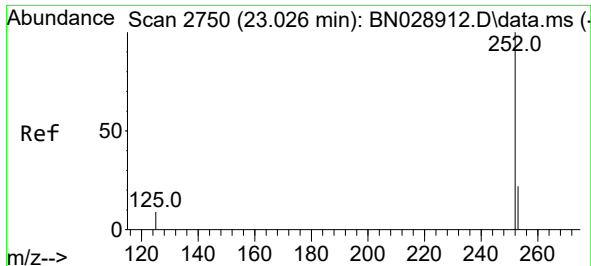
Ion Ratio Lower Upper

276 100

138 19.5 20.9 31.3#

277 24.5 20.2 30.4





#37

Benzo(b)fluoranthene

Concen: 0.345 ng

RT: 22.968 min Scan# 21

Delta R.T. -0.029 min

Lab File: BN028999.D

Acq: 03 Dec 2023 00:47

Instrument :

BNA_N

ClientSampleId :

RE108D1-20231109MSD

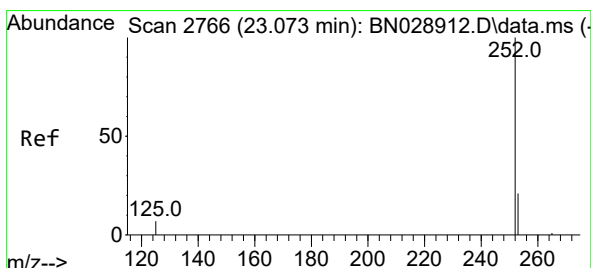
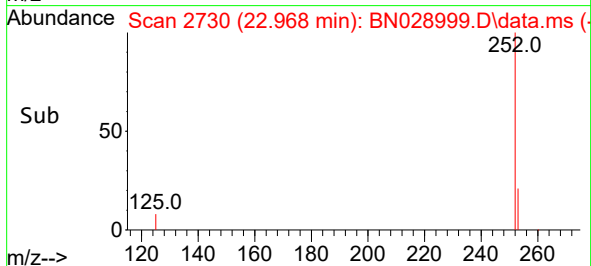
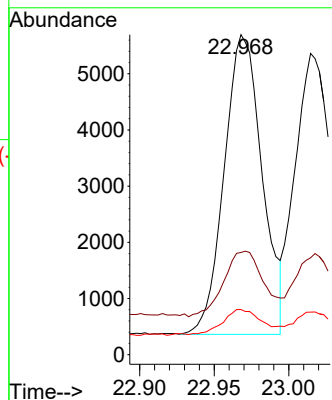
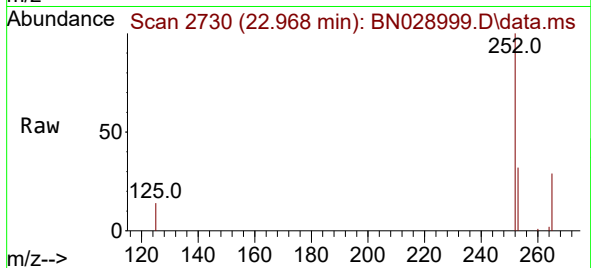
Tgt Ion:252 Resp: 9431

Ion Ratio Lower Upper

252 100

253 31.9 94.5 141.7#

125 14.1 23.8 35.8#



#38

Benzo(k)fluoranthene

Concen: 0.330 ng

RT: 23.015 min Scan# 2746

Delta R.T. -0.029 min

Lab File: BN028999.D

Acq: 03 Dec 2023 00:47

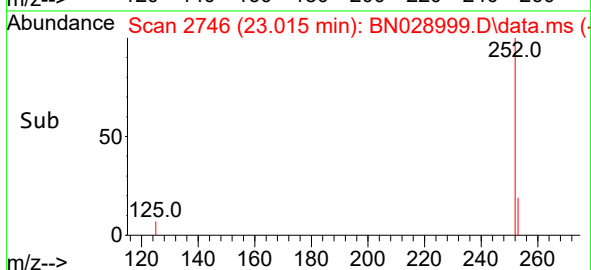
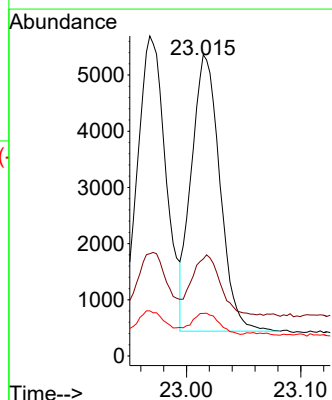
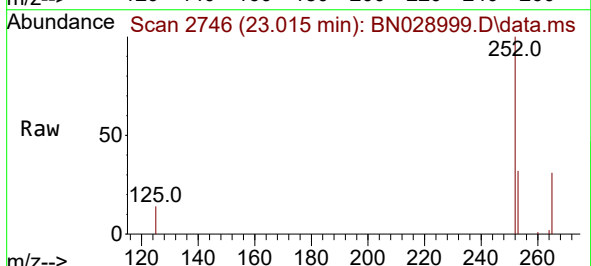
Tgt Ion:252 Resp: 8534

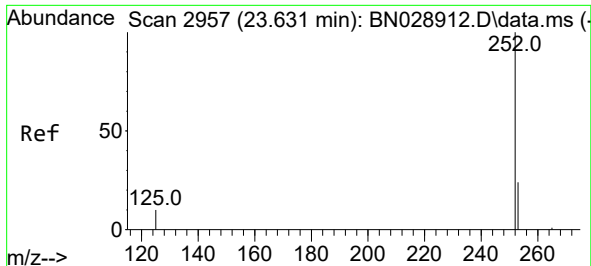
Ion Ratio Lower Upper

252 100

253 32.2 95.2 142.8#

125 14.1 24.3 36.5#





#39

Benzo(a)pyrene

Concen: 0.300 ng

RT: 23.570 min Scan# 2936

Delta R.T. -0.032 min

Lab File: BN028999.D

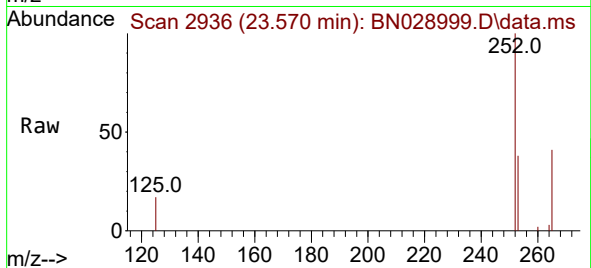
Acq: 03 Dec 2023 00:47

Instrument :

BNA_N

ClientSampleId :

RE108D1-20231109MSD



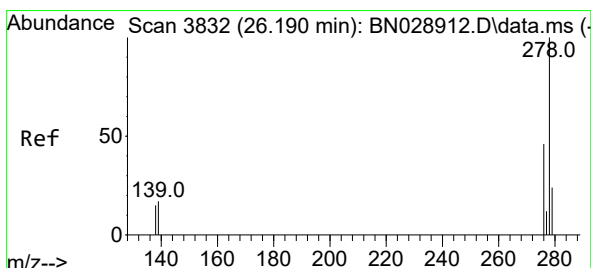
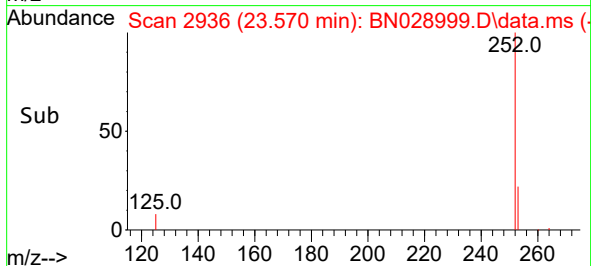
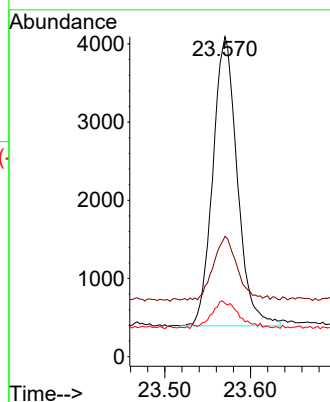
Tgt Ion:252 Resp: 7325

Ion Ratio Lower Upper

252 100

253 37.6 110.2 165.4#

125 16.6 27.0 40.4#



#40

Dibenzo(a,h)anthracene

Concen: 0.352 ng

RT: 26.079 min Scan# 3794

Delta R.T. -0.053 min

Lab File: BN028999.D

Acq: 03 Dec 2023 00:47

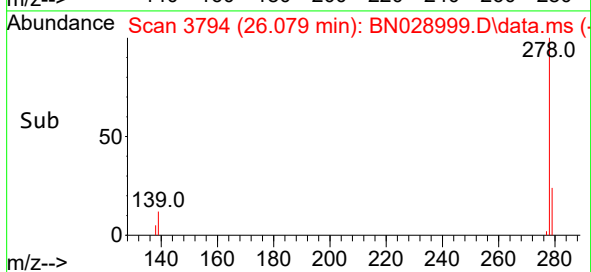
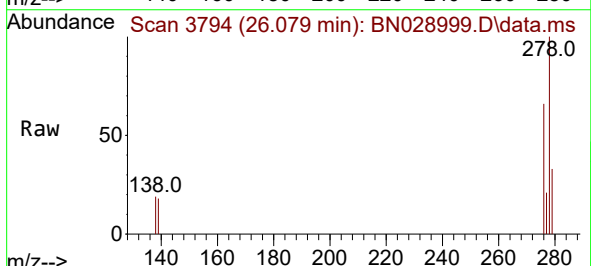
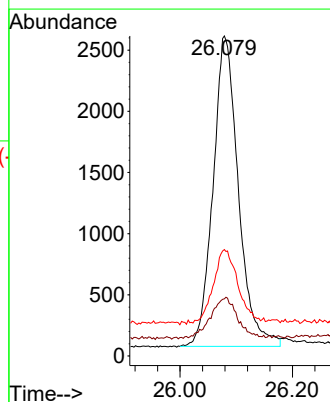
Tgt Ion:278 Resp: 7946

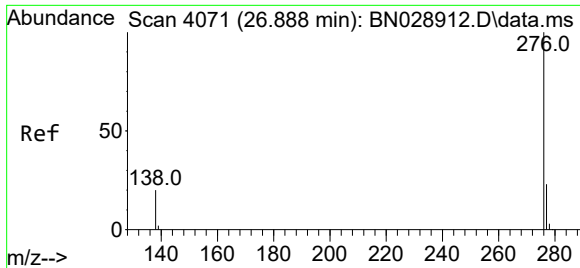
Ion Ratio Lower Upper

278 100

139 17.9 22.6 33.8#

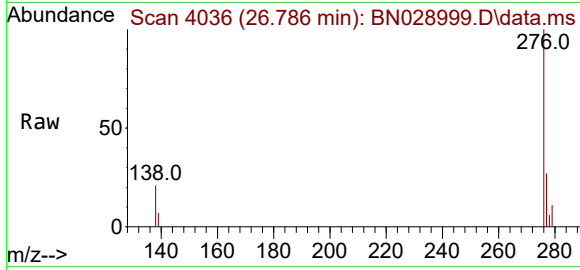
279 33.3 102.6 153.8#





#41
Benzo(g,h,i)perylene
Concen: 0.321 ng
RT: 26.786 min Scan# 40
Delta R.T. -0.056 min
Lab File: BN028999.D
Acq: 03 Dec 2023 00:47

Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109MSD



Tgt Ion:276 Resp: 8148
Ion Ratio Lower Upper
276 100
277 26.8 28.9 43.3#
138 20.6 36.2 54.2#

