

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
 Data File : BN028417.D
 Acq On : 02 Nov 2023 12:29
 Operator : MA/JU
 Sample : PB156828BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156825BS

Quant Time: Nov 02 14:07:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 02 06:26:50 2023
 Response via : Initial Calibration

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

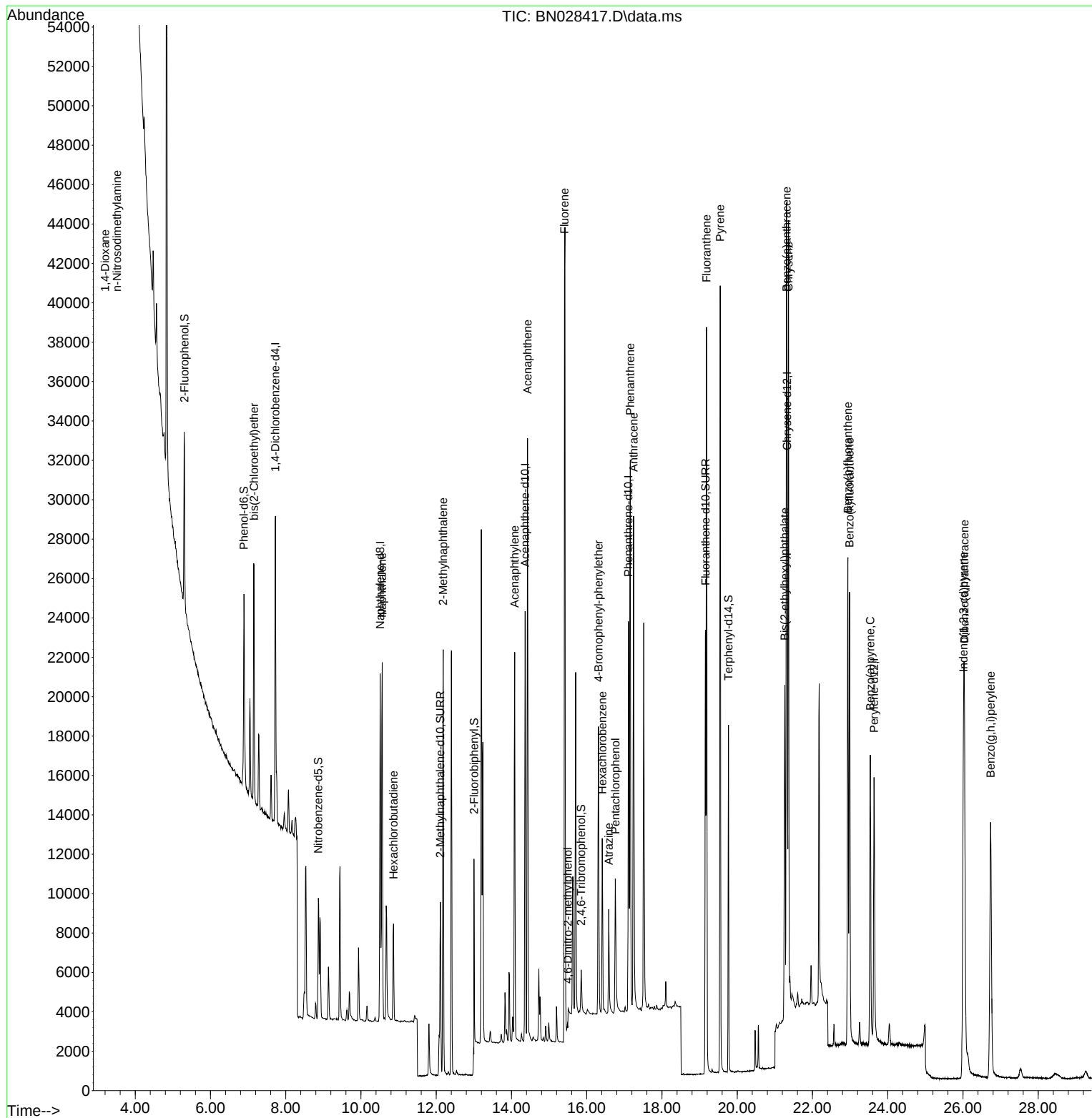
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.727	152	7724	0.400	ng	0.00
7) Naphthalene-d8	10.511	136	22227	0.400	ng	0.00
13) Acenaphthene-d10	14.362	164	11834	0.400	ng	0.00
19) Phenanthrene-d10	17.108	188	27378	0.400	ng	#-0.01
29) Chrysene-d12	21.327	240	20354	0.400	ng	0.00
35) Perylene-d12	23.636	264	18594	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.307	112	7115	0.353	ng	0.00
5) Phenol-d6	6.889	99	8790	0.344	ng	0.00
8) Nitrobenzene-d5	8.867	82	4903	0.341	ng	-0.01
11) 2-Methylnaphthalene-d10	12.109	152	12439	0.391	ng	0.00
14) 2,4,6-Tribromophenol	15.854	330	1361	0.295	ng	0.00
15) 2-Fluorobiphenyl	13.005	172	4079	0.290	ng	0.00
27) Fluoranthene-d10	19.156	212	24664	0.365	ng	0.00
31) Terphenyl-d14	19.764	244	15999	0.373	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.198	88	4699	0.549	ng	# 21
3) n-Nitrosodimethylamine	3.516	42	5294	0.555	ng	# 64
6) bis(2-Chloroethyl)ether	7.156	93	8615	0.389	ng	99
9) Naphthalene	10.564	128	23805	0.397	ng	99
10) Hexachlorobutadiene	10.863	225	3960	0.396	ng	# 100
12) 2-Methylnaphthalene	12.184	142	15147	0.362	ng	99
16) Acenaphthylene	14.084	152	21606	0.370	ng	100
17) Acenaphthene	14.427	154	14492	0.391	ng	100
18) Fluorene	15.410	166	19926	0.395	ng	100
20) 4,6-Dinitro-2-methylph...	15.496	198	667	0.328	ng	# 54
21) 4-Bromophenyl-phenylether	16.313	248	5886	0.388	ng	94
22) Hexachlorobenzene	16.412	284	6477	0.404	ng	97
23) Atrazine	16.586	200	4434	0.348	ng	99
24) Pentachlorophenol	16.760	266	3968	0.687	ng	98
25) Phenanthrene	17.157	178	31647	0.391	ng	99
26) Anthracene	17.244	178	27092	0.351	ng	100
28) Fluoranthene	19.184	202	34465	0.365	ng	100
30) Pyrene	19.546	202	34860	0.411	ng	100
32) Benzo(a)anthracene	21.309	228	29574	0.366	ng	98
33) Chrysene	21.363	228	31799	0.395	ng	99
34) Bis(2-ethylhexyl)phtha...	21.265	149	13345	0.320	ng	97
36) Indeno(1,2,3-cd)pyrene	26.013	276	30552	0.464	ng	99
37) Benzo(b)fluoranthene	22.940	252	31705	0.505	ng	99
38) Benzo(k)fluoranthene	22.984	252	29062	0.399	ng	98
39) Benzo(a)pyrene	23.537	252	23164	0.366	ng	96
40) Dibenzo(a,h)anthracene	26.036	278	24921	0.419	ng	97
41) Benzo(g,h,i)perylene	26.735	276	27061	0.425	ng	99

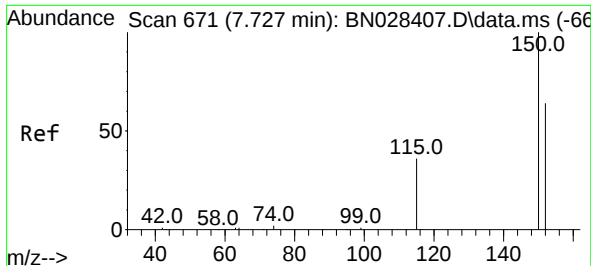
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
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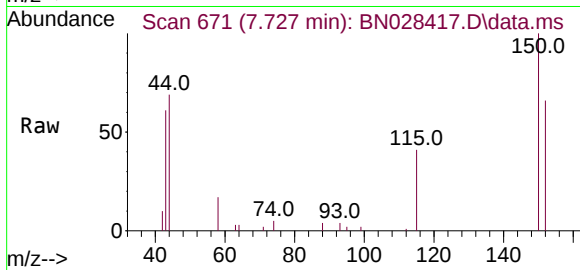
Quant Time: Nov 02 14:07:01 2023
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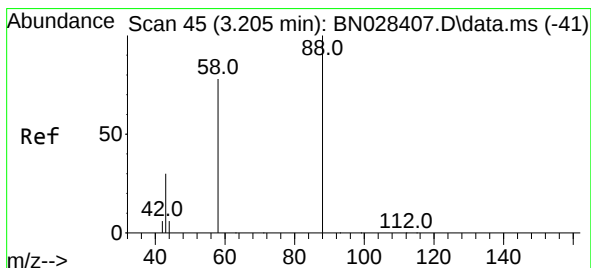
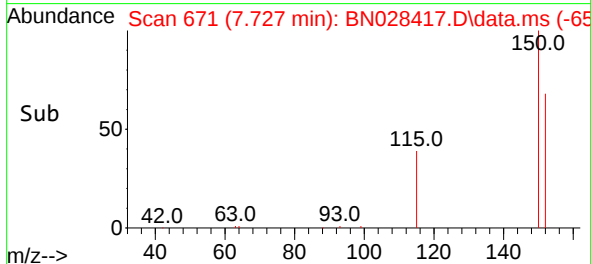
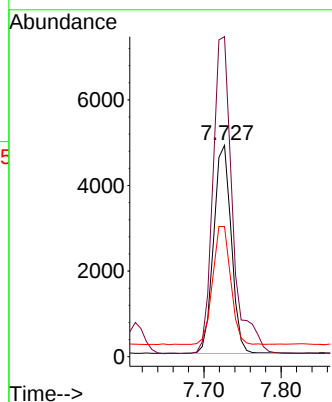
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.727 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN028417.D
 Acq: 02 Nov 2023 12:29

Instrument :
 BNA_N
 ClientSampleId :
 PB156825BS



Tgt Ion:152 Resp: 7724

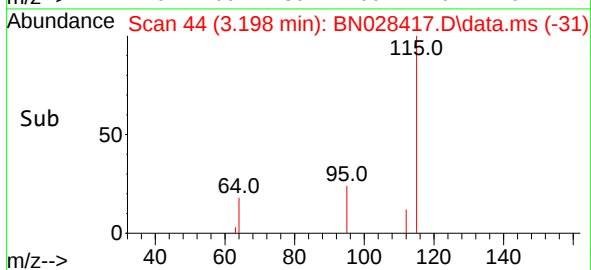
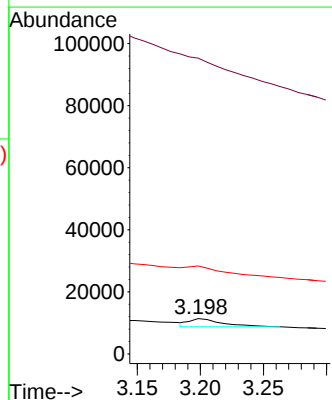
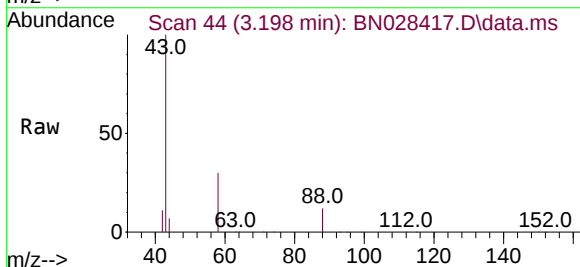
Ion	Ratio	Lower	Upper
152	100		
150	151.4	123.8	185.6
115	61.5	47.0	70.6

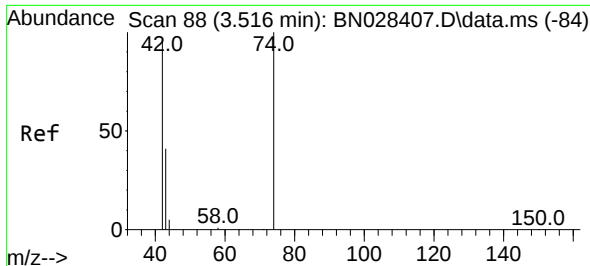


#2
 1,4-Dioxane
 Concen: 0.549 ng
 RT: 3.198 min Scan# 44
 Delta R.T. -0.007 min
 Lab File: BN028417.D
 Acq: 02 Nov 2023 12:29

Tgt Ion: 88 Resp: 4699

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.3	36.5#
58	0.0	59.8	89.6#

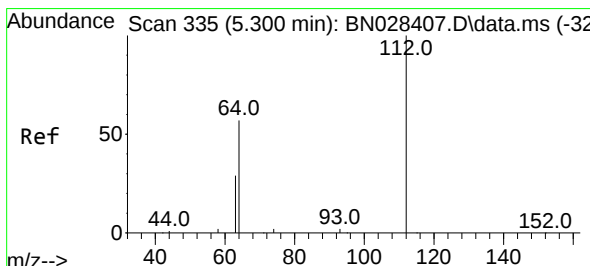
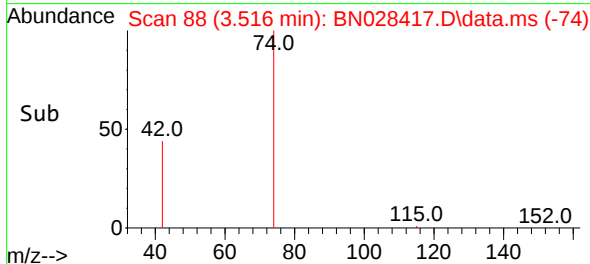
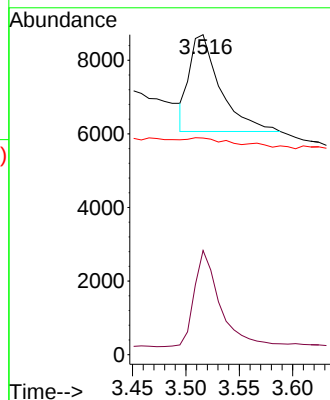
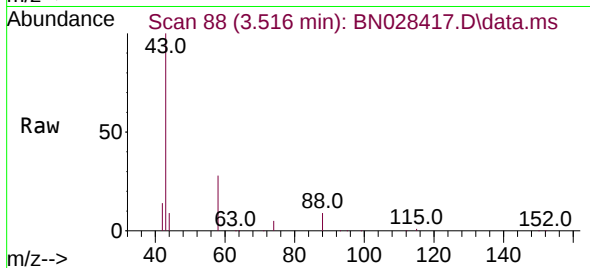




#3
 n-Nitrosodimethylamine
 Concen: 0.555 ng
 RT: 3.516 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BN028417.D
 Acq: 02 Nov 2023 12:29

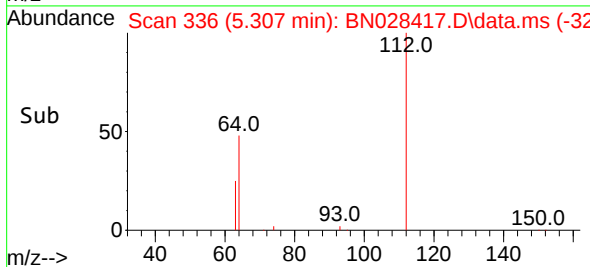
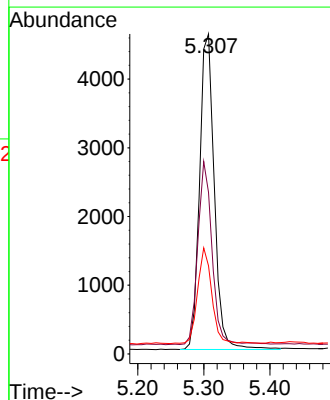
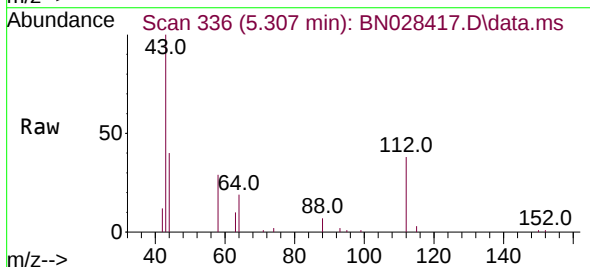
Instrument :
 BNA_N
 ClientSampleId :
 PB156825BS

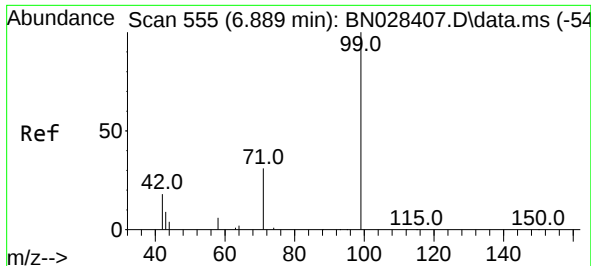
Tgt Ion: 42 Resp: 5294
 Ion Ratio Lower Upper
 42 100
 74 83.1 100.3 150.5#
 44 0.0 6.2 9.2#



#4
 2-Fluorophenol
 Concen: 0.353 ng
 RT: 5.307 min Scan# 336
 Delta R.T. 0.007 min
 Lab File: BN028417.D
 Acq: 02 Nov 2023 12:29

Tgt Ion: 112 Resp: 7115
 Ion Ratio Lower Upper
 112 100
 64 56.2 44.3 66.5
 63 29.0 22.6 33.8

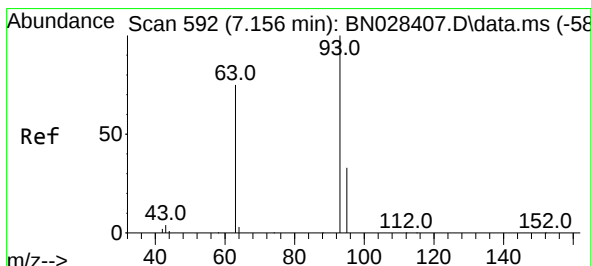
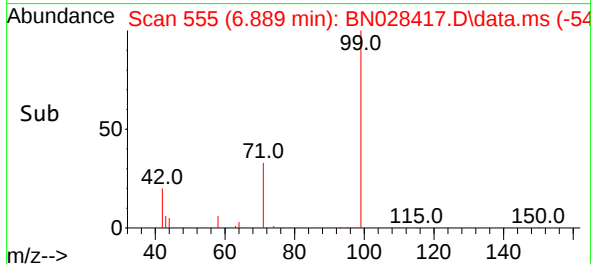
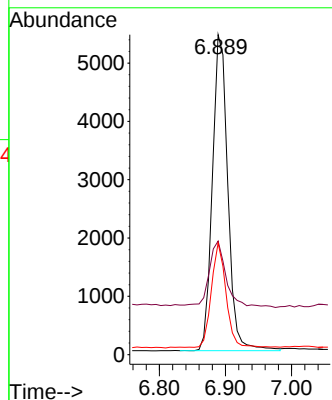
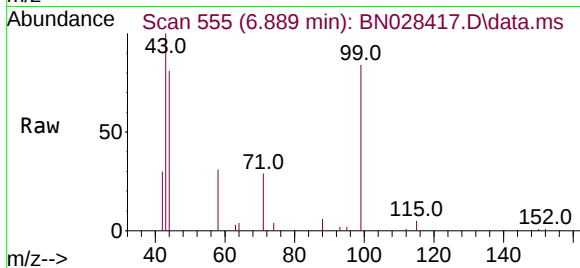




#5
Phenol-d6
Concen: 0.344 ng
RT: 6.889 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN028417.D
Acq: 02 Nov 2023 12:29

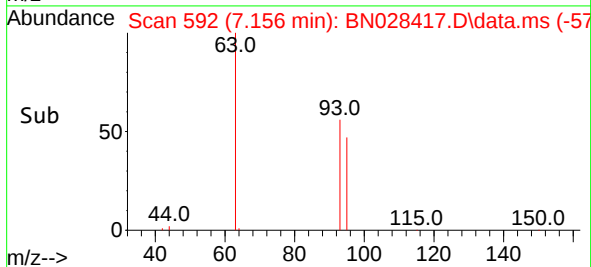
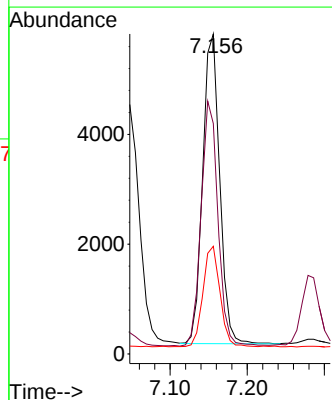
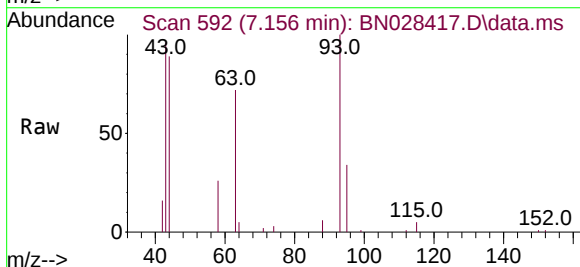
Instrument :
BNA_N
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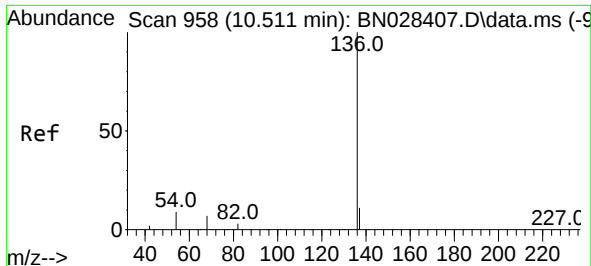
Tgt Ion: 99 Resp: 8790
Ion Ratio Lower Upper
99 100
42 23.8 15.4 23.0#
71 32.3 24.4 36.6



#6
bis(2-Chloroethyl)ether
Concen: 0.389 ng
RT: 7.156 min Scan# 592
Delta R.T. -0.000 min
Lab File: BN028417.D
Acq: 02 Nov 2023 12:29

Tgt Ion: 93 Resp: 8615
Ion Ratio Lower Upper
93 100
63 78.2 61.4 92.0
95 32.4 26.1 39.1

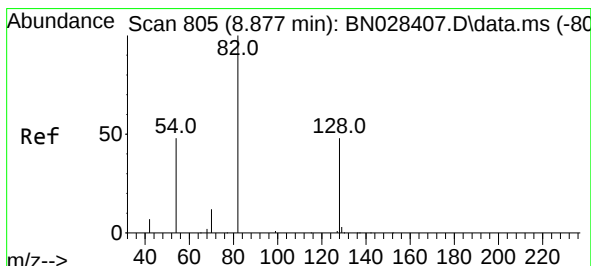
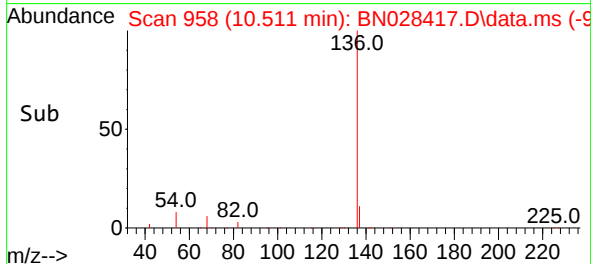
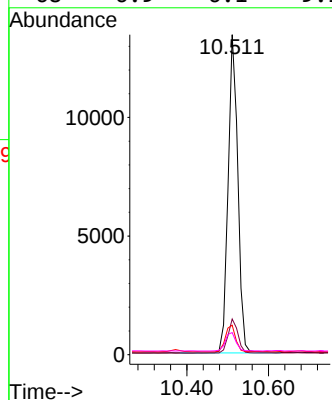
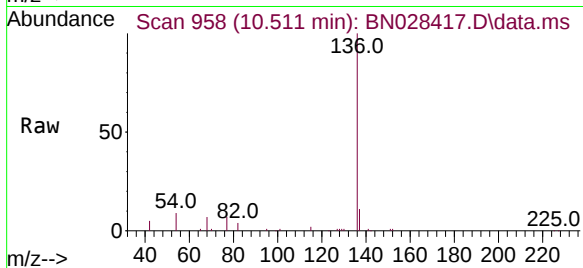




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.511 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN028417.D
Acq: 02 Nov 2023 12:29

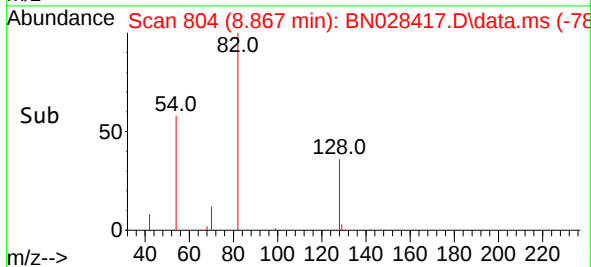
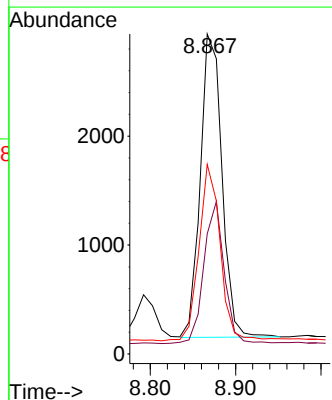
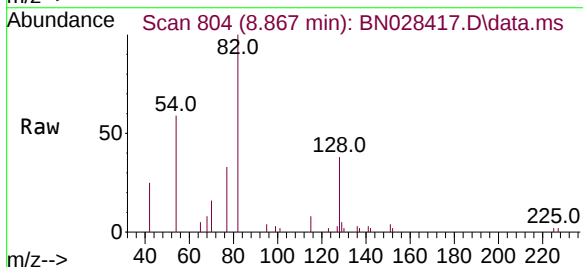
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ClientSampleId :
PB156825BS

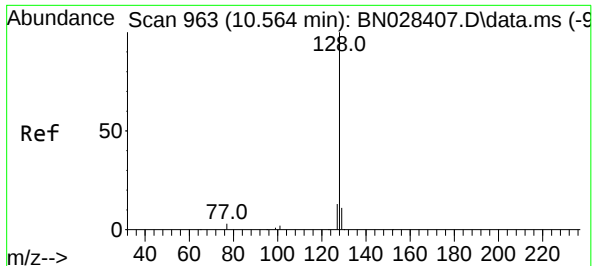
Tgt Ion:	136	Resp:	22227
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	9.2	7.9	11.9
68	6.9	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.341 ng
RT: 8.867 min Scan# 804
Delta R.T. -0.011 min
Lab File: BN028417.D
Acq: 02 Nov 2023 12:29

Tgt Ion:	82	Resp:	4903
Ion	Ratio	Lower	Upper
82	100		
128	37.5	38.8	58.2#
54	59.3	40.3	60.5

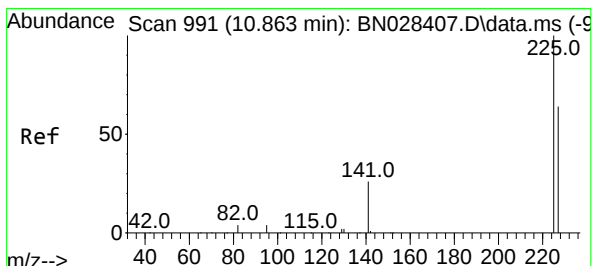
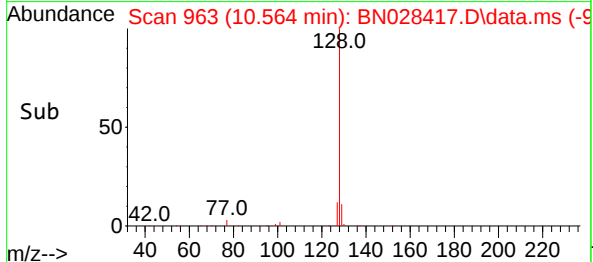
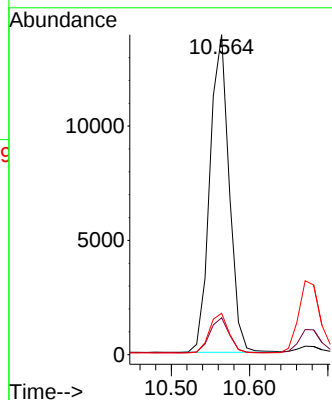
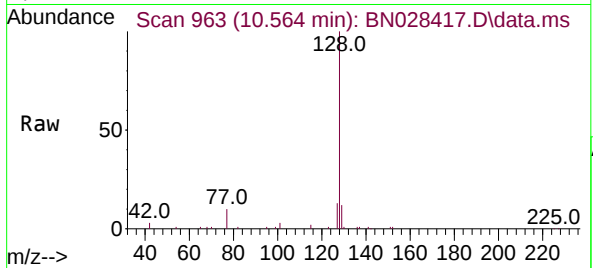




#9
Naphthalene
Concen: 0.397 ng
RT: 10.564 min Scan# 909
Delta R.T. -0.000 min
Lab File: BN028417.D
Acq: 02 Nov 2023 12:29

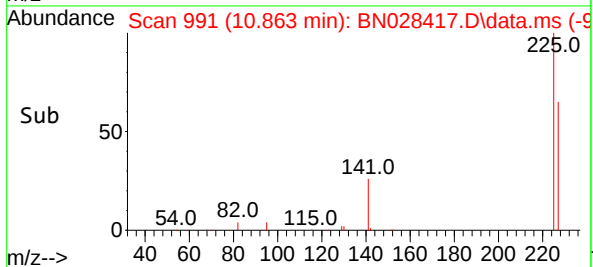
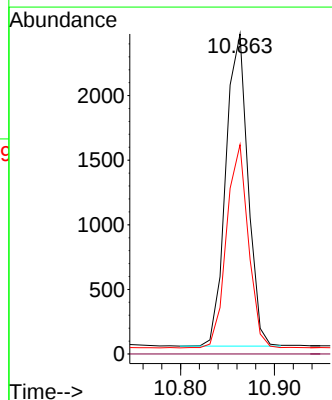
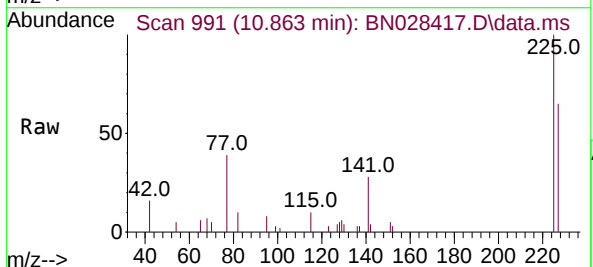
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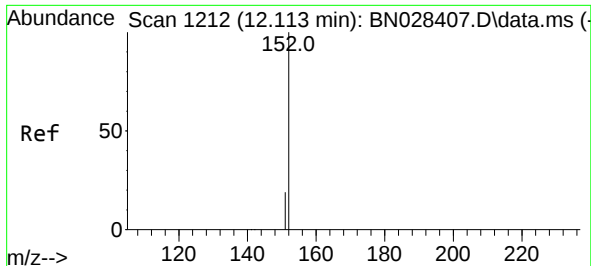
Tgt Ion:	128	Resp:	23805
Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	12.9	10.4	15.6



#10
Hexachlorobutadiene
Concen: 0.396 ng
RT: 10.863 min Scan# 991
Delta R.T. -0.000 min
Lab File: BN028417.D
Acq: 02 Nov 2023 12:29

Tgt Ion:	225	Resp:	3960
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.4	77.0

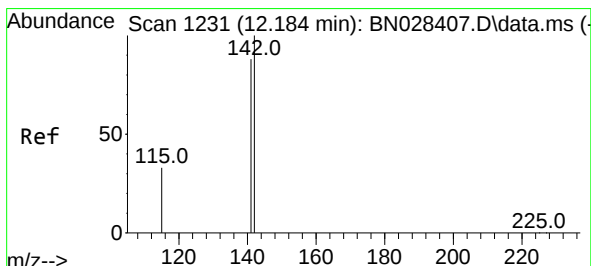
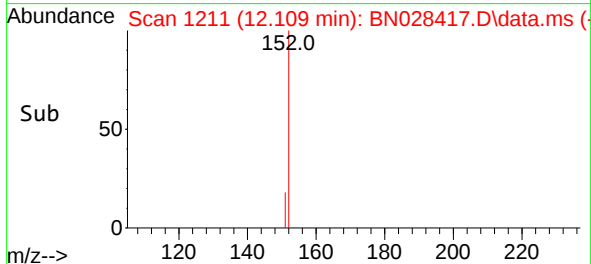
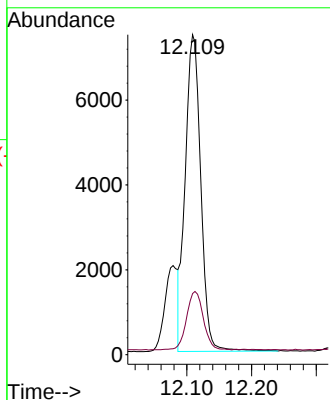
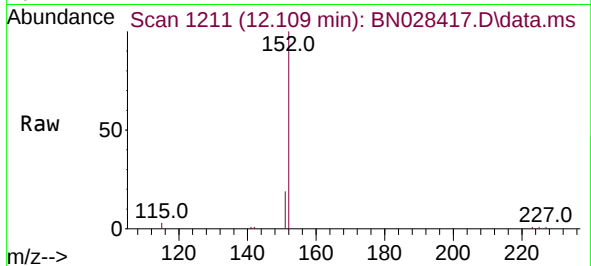




#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 12.109 min Scan# 1211
Delta R.T. -0.004 min
Lab File: BN028417.D
Acq: 02 Nov 2023 12:29

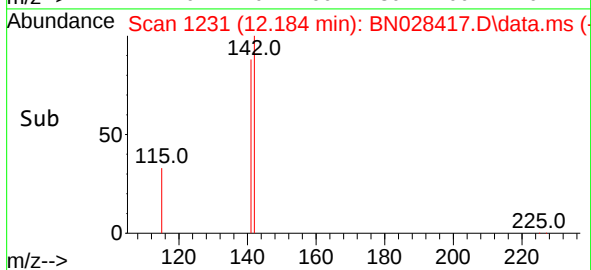
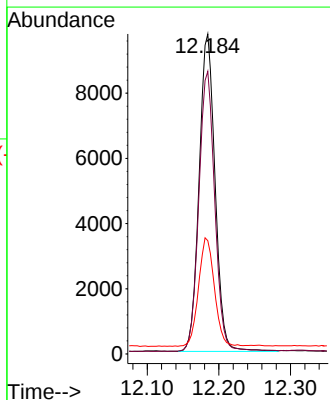
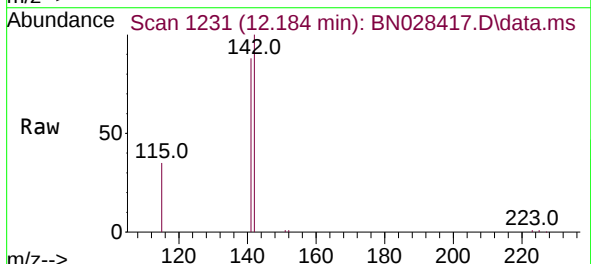
Instrument :
BNA_N
ClientSampleId :
PB156825BS

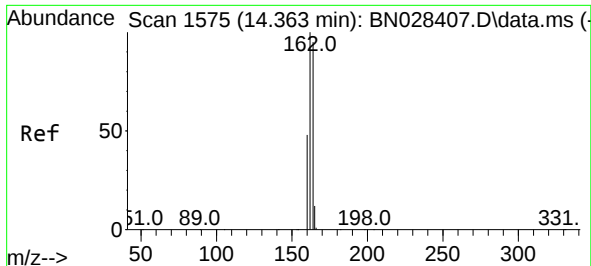
Tgt Ion:152 Resp: 12439
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6



#12
2-Methylnaphthalene
Concen: 0.362 ng
RT: 12.184 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BN028417.D
Acq: 02 Nov 2023 12:29

Tgt Ion:142 Resp: 15147
Ion Ratio Lower Upper
142 100
141 88.3 70.7 106.1
115 35.4 27.6 41.4

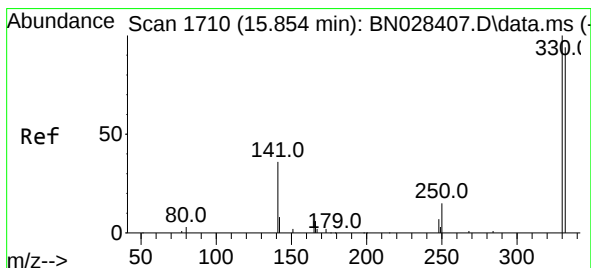
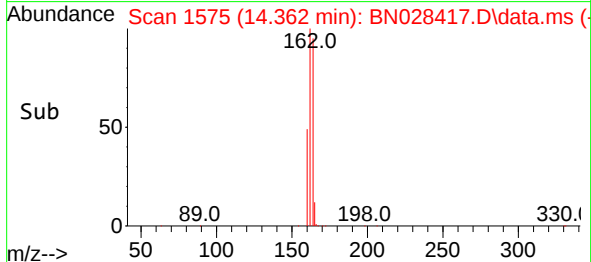
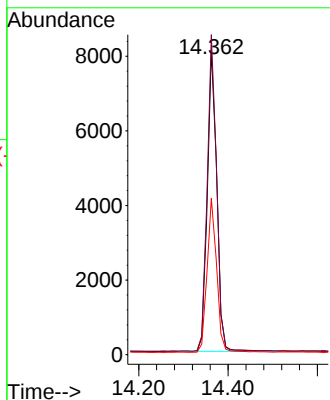
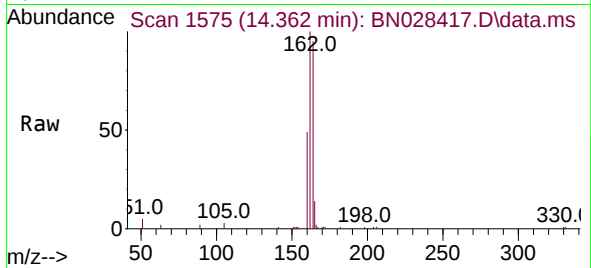




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.362 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN028417.D
 Acq: 02 Nov 2023 12:29

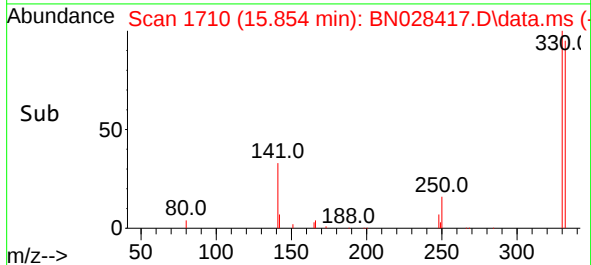
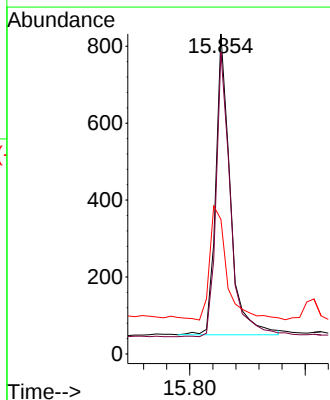
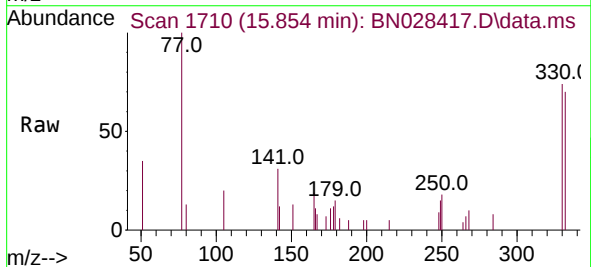
Instrument :
 BNA_N
 ClientSampleId :
 PB156825BS

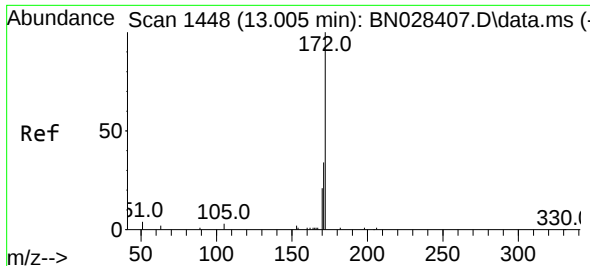
Tgt Ion:164 Resp: 11834
 Ion Ratio Lower Upper
 164 100
 162 105.3 84.6 127.0
 160 51.4 41.3 61.9



#14
 2,4,6-Tribromophenol
 Concen: 0.295 ng
 RT: 15.854 min Scan# 1710
 Delta R.T. -0.000 min
 Lab File: BN028417.D
 Acq: 02 Nov 2023 12:29

Tgt Ion:330 Resp: 1361
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.2 114.2
 141 42.4 32.8 49.2

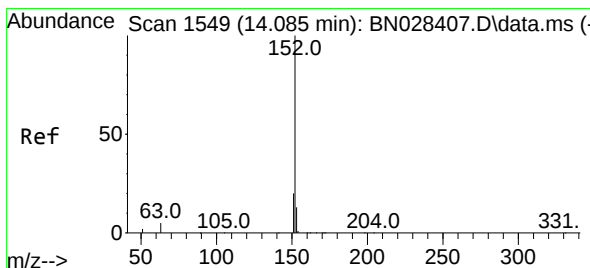
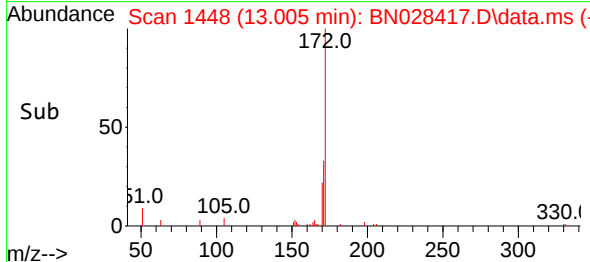
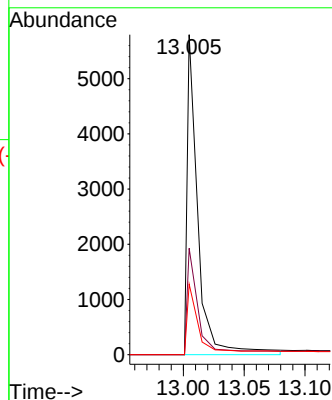
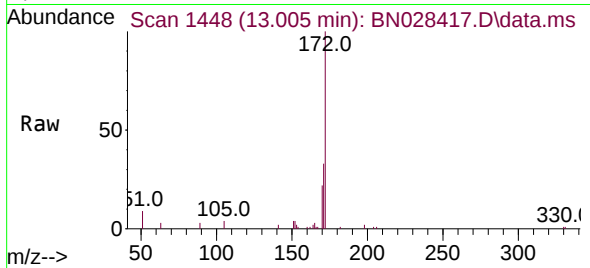




#15
2-Fluorobiphenyl
Concen: 0.290 ng
RT: 13.005 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BN028417.D
Acq: 02 Nov 2023 12:29

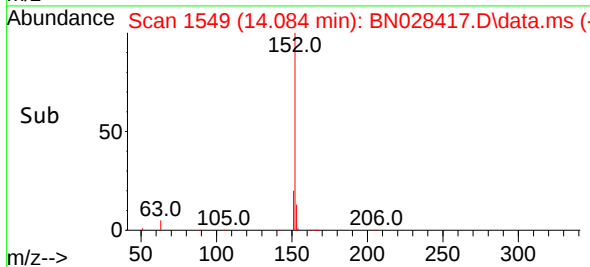
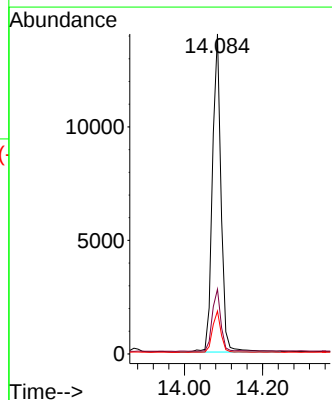
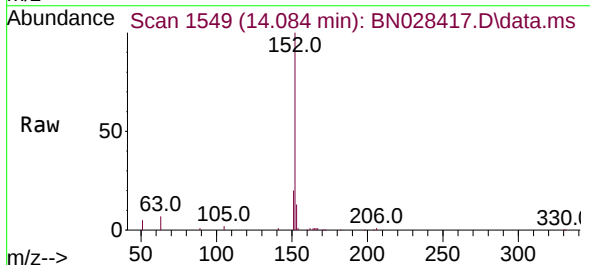
Instrument :
BNA_N
ClientSampleId :
PB156825BS

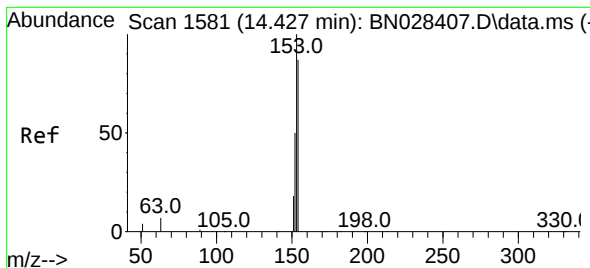
Tgt Ion:172 Resp: 4079
Ion Ratio Lower Upper
172 100
171 33.3 27.2 40.8
170 22.1 17.1 25.7



#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.084 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BN028417.D
Acq: 02 Nov 2023 12:29

Tgt Ion:152 Resp: 21606
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.391 ng

RT: 14.427 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BN028417.D

Acq: 02 Nov 2023 12:29

Instrument :

BNA_N

ClientSampleId :

PB156825BS

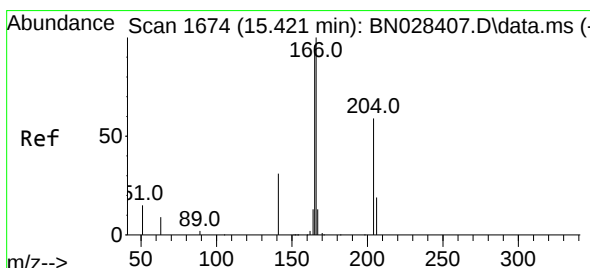
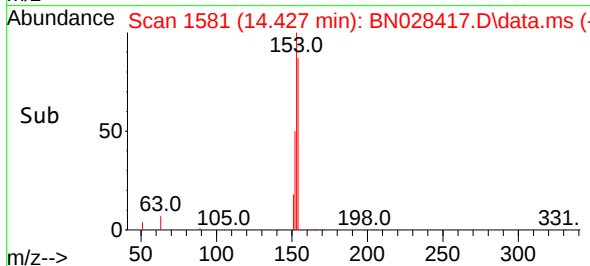
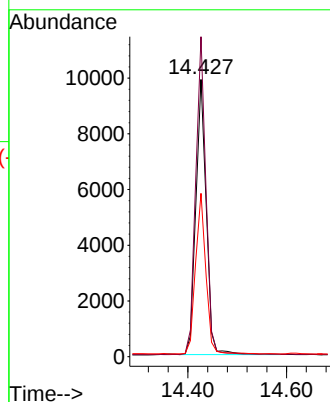
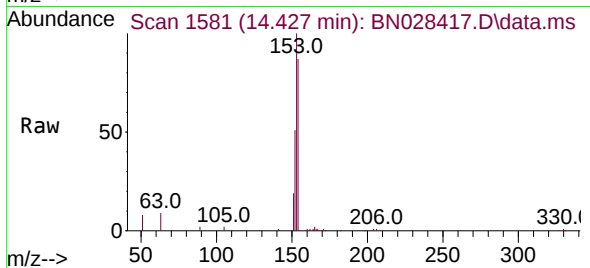
Tgt Ion:154 Resp: 14492

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

152 57.5 45.8 68.6



#18

Fluorene

Concen: 0.395 ng

RT: 15.410 min Scan# 1673

Delta R.T. -0.011 min

Lab File: BN028417.D

Acq: 02 Nov 2023 12:29

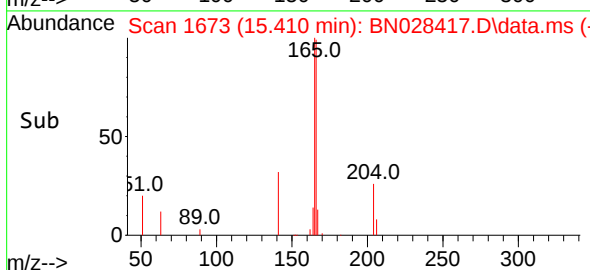
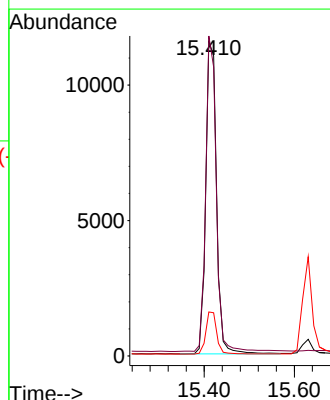
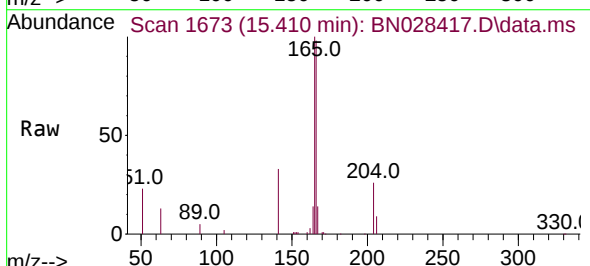
Tgt Ion:166 Resp: 19926

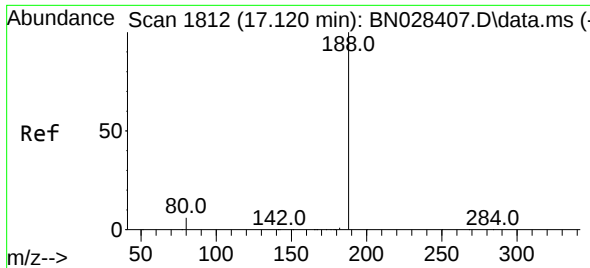
Ion Ratio Lower Upper

166 100

165 98.6 79.2 118.8

167 13.1 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.108 min Scan# 1811

Delta R.T. -0.012 min

Lab File: BN028417.D

Acq: 02 Nov 2023 12:29

Instrument :

BNA_N

ClientSampleId :

PB156825BS

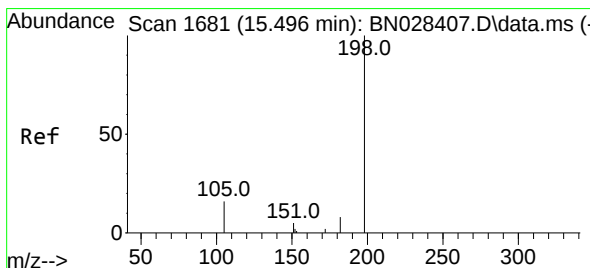
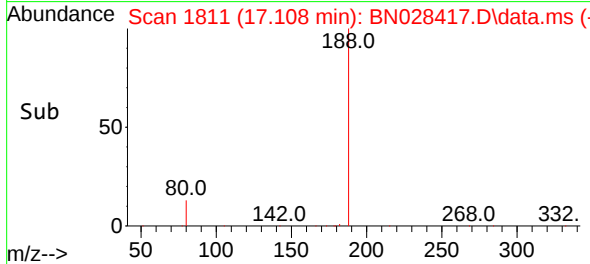
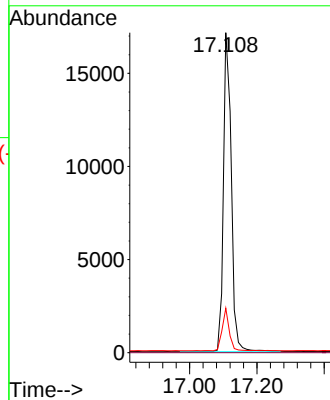
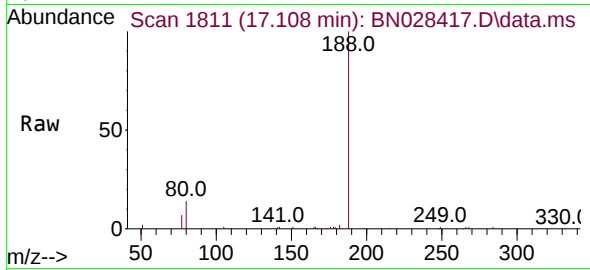
Tgt Ion:188 Resp: 27378

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.9 5.3 7.9#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.328 ng

RT: 15.496 min Scan# 1681

Delta R.T. -0.000 min

Lab File: BN028417.D

Acq: 02 Nov 2023 12:29

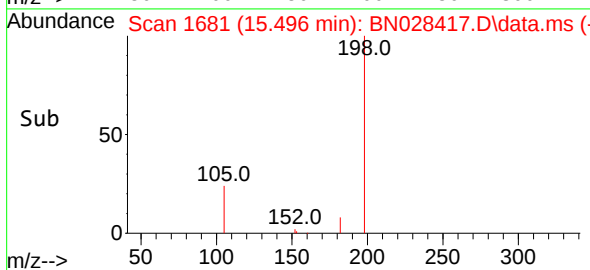
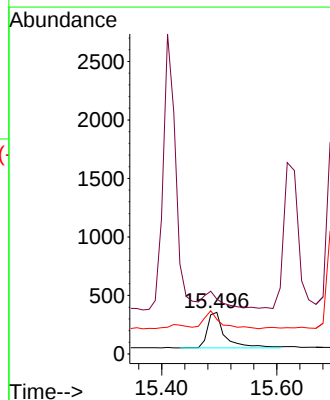
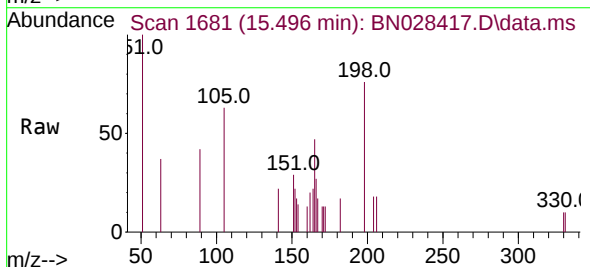
Tgt Ion:198 Resp: 667

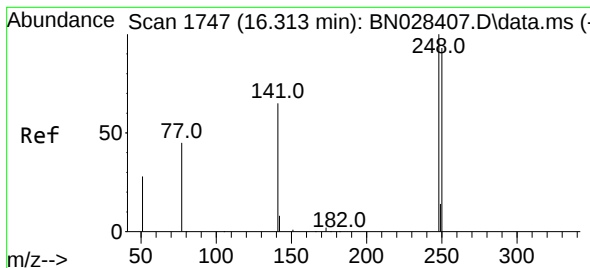
Ion Ratio Lower Upper

198 100

51 132.1 63.3 94.9#

105 83.4 50.0 75.0#

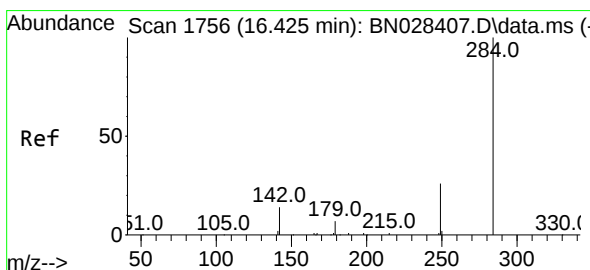
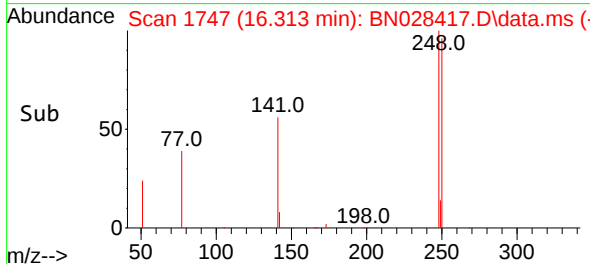
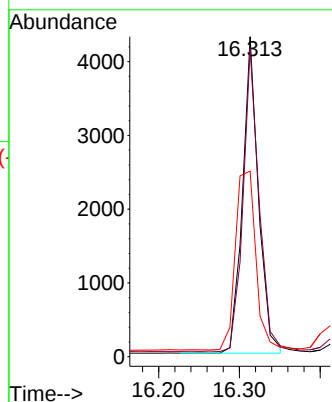
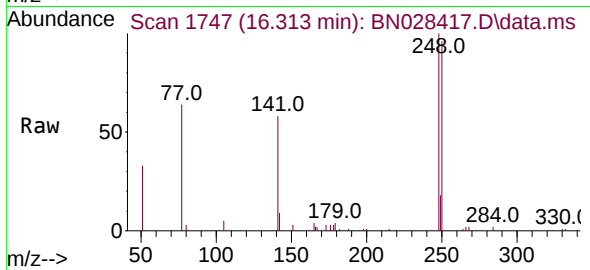




#21
4-Bromophenyl-phenylether
Concen: 0.388 ng
RT: 16.313 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028417.D
Acq: 02 Nov 2023 12:29

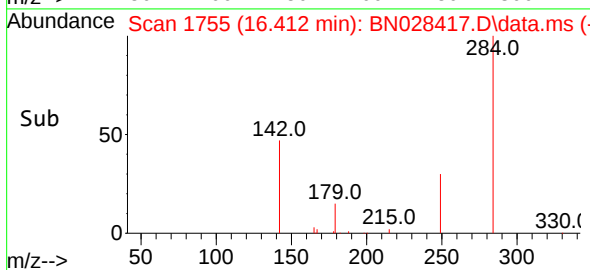
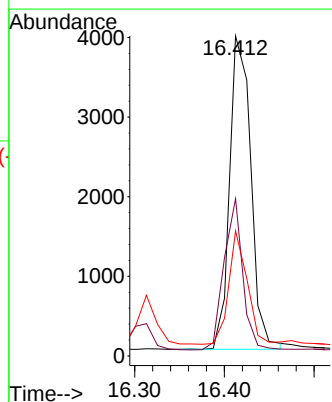
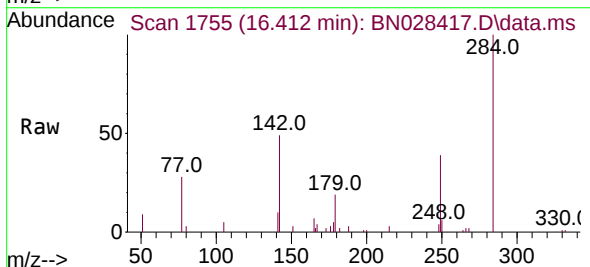
Instrument :
BNA_N
ClientSampleId :
PB156825BS

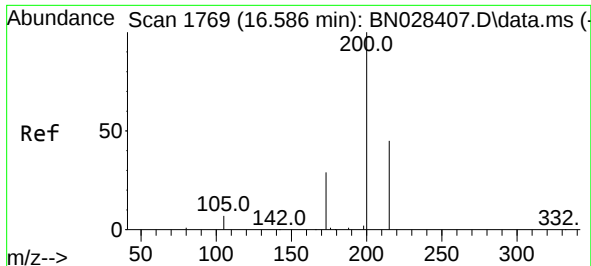
Tgt Ion:248 Resp: 5886
Ion Ratio Lower Upper
248 100
250 96.2 74.6 111.8
141 58.0 53.4 80.2



#22
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.412 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BN028417.D
Acq: 02 Nov 2023 12:29

Tgt Ion:284 Resp: 6477
Ion Ratio Lower Upper
284 100
142 42.4 31.8 47.6
249 31.4 25.0 37.6

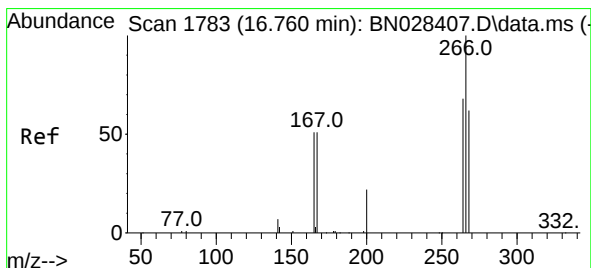
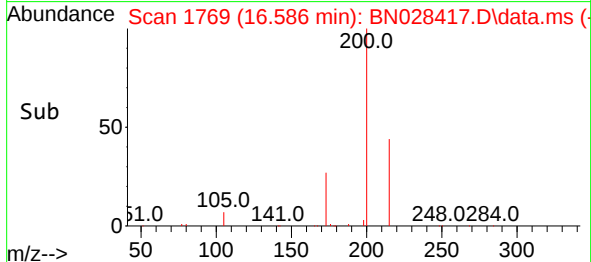
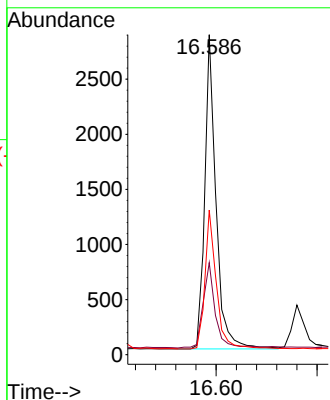
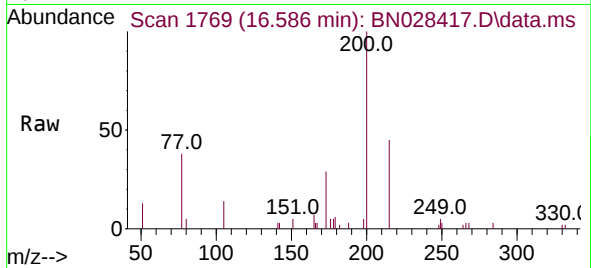




#23
 Atrazine
 Concen: 0.348 ng
 RT: 16.586 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: BN028417.D
 Acq: 02 Nov 2023 12:29

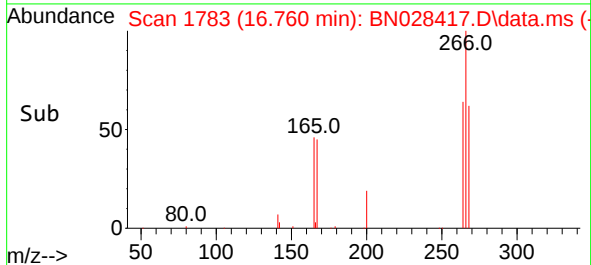
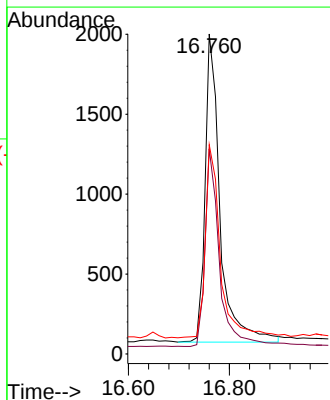
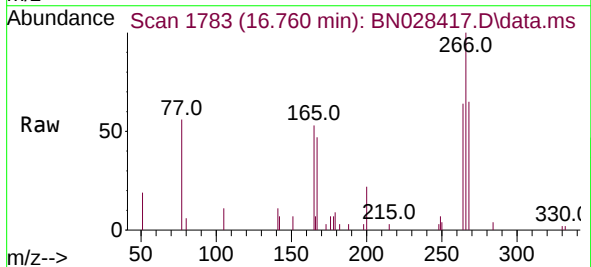
Instrument :
 BNA_N
 ClientSampleId :
 PB156825BS

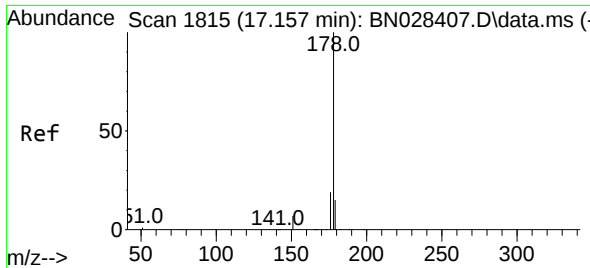
Tgt Ion:200 Resp: 4434
 Ion Ratio Lower Upper
 200 100
 173 28.8 24.3 36.5
 215 45.2 36.2 54.4



#24
 Pentachlorophenol
 Concen: 0.687 ng
 RT: 16.760 min Scan# 1783
 Delta R.T. 0.000 min
 Lab File: BN028417.D
 Acq: 02 Nov 2023 12:29

Tgt Ion:266 Resp: 3968
 Ion Ratio Lower Upper
 266 100
 264 61.1 50.9 76.3
 268 62.9 51.0 76.4

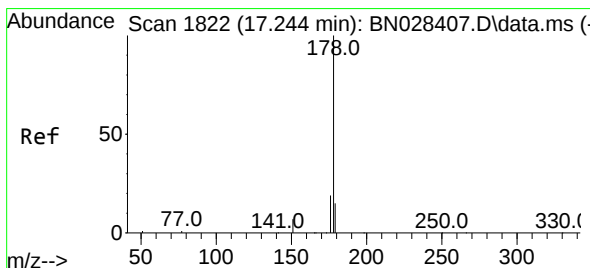
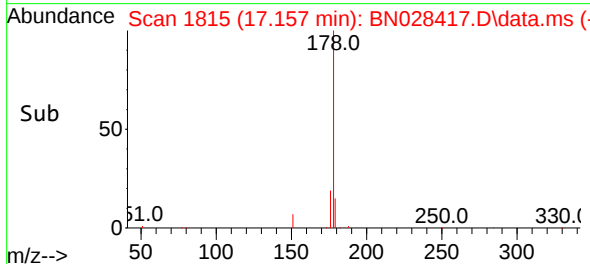
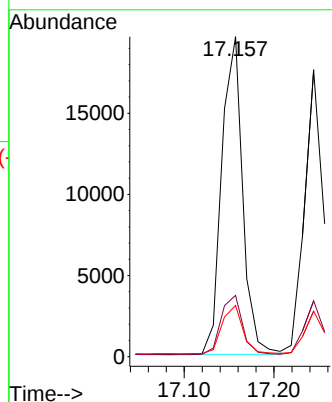
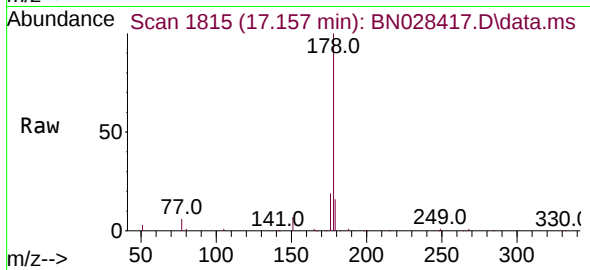




#25
Phenanthrene
Concen: 0.391 ng
RT: 17.157 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BN028417.D
Acq: 02 Nov 2023 12:29

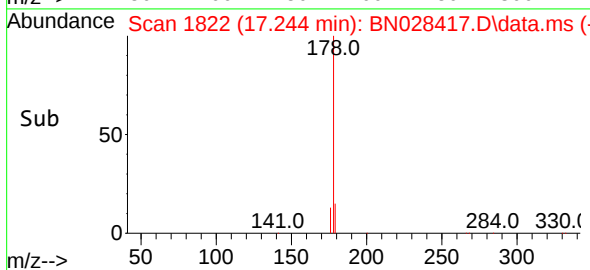
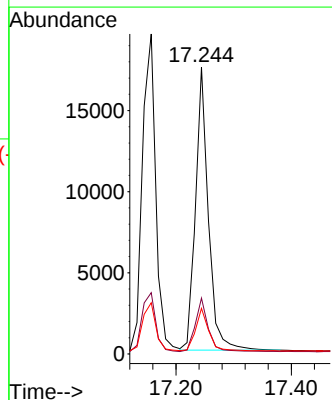
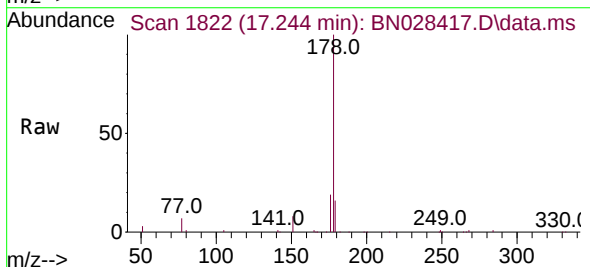
Instrument :
BNA_N
ClientSampleId :
PB156825BS

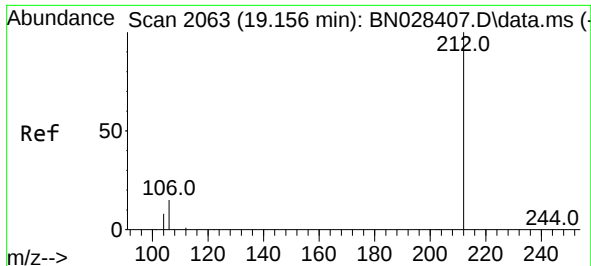
Tgt Ion:178 Resp: 31647
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 15.5 12.2 18.2



#26
Anthracene
Concen: 0.351 ng
RT: 17.244 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BN028417.D
Acq: 02 Nov 2023 12:29

Tgt Ion:178 Resp: 27092
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.2 12.2 18.4

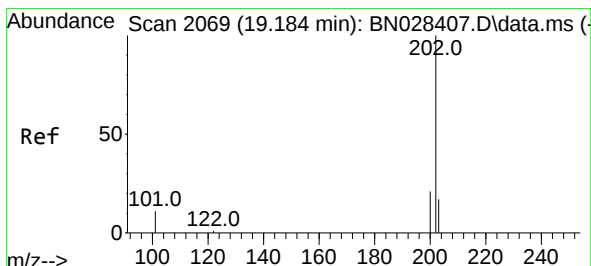
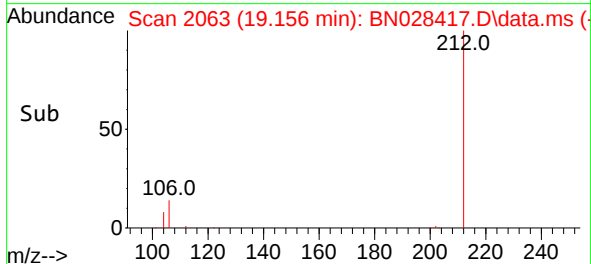
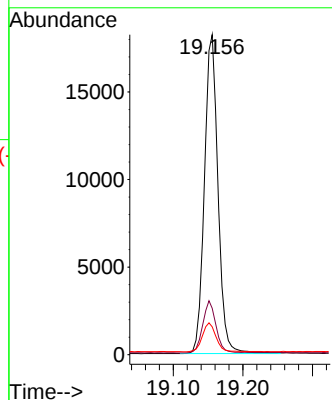
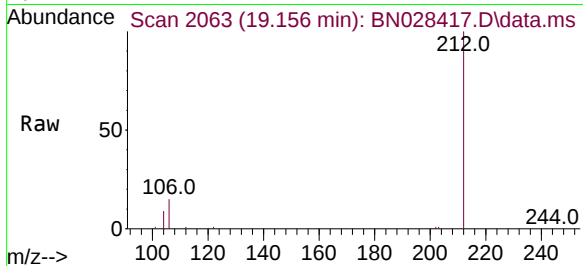




#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.156 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BN028417.D
Acq: 02 Nov 2023 12:29

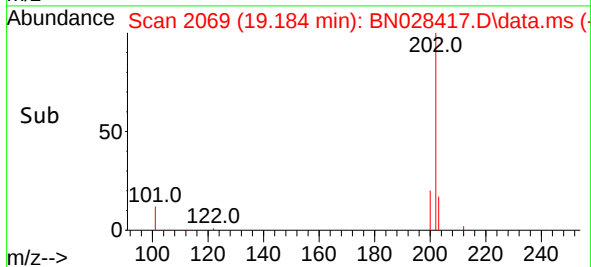
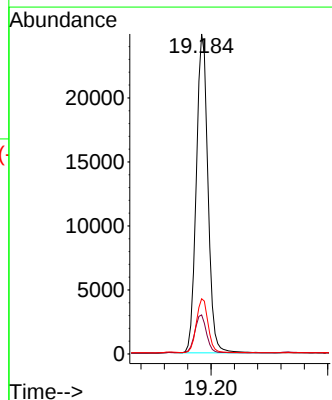
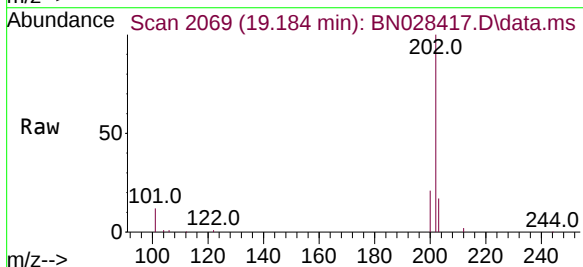
Instrument :
BNA_N
ClientSampleId :
PB156825BS

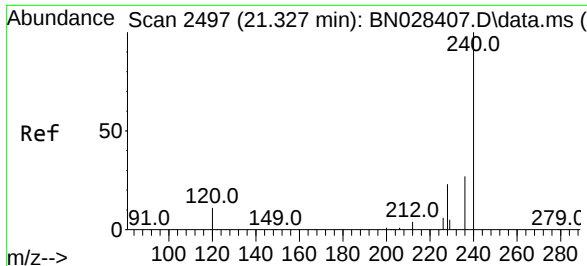
Tgt Ion:212 Resp: 24664
Ion Ratio Lower Upper
212 100
106 16.0 11.9 17.9
104 9.1 6.7 10.1



#28
Fluoranthene
Concen: 0.365 ng
RT: 19.184 min Scan# 2069
Delta R.T. -0.000 min
Lab File: BN028417.D
Acq: 02 Nov 2023 12:29

Tgt Ion:202 Resp: 34465
Ion Ratio Lower Upper
202 100
101 11.9 9.3 13.9
203 17.0 13.7 20.5

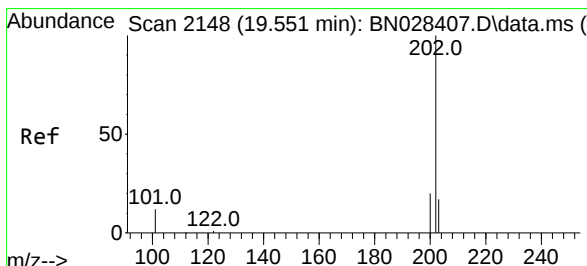
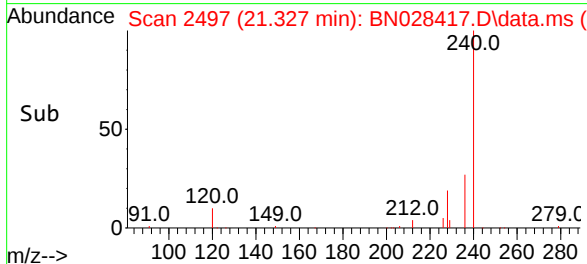
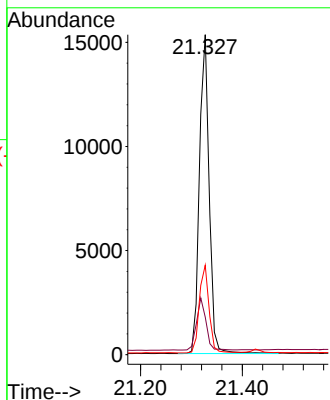
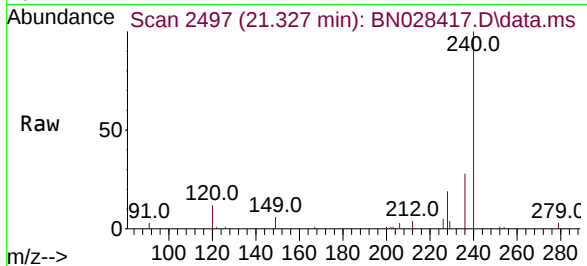




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.327 min Scan# 2497
Delta R.T. -0.000 min
Lab File: BN028417.D
Acq: 02 Nov 2023 12:29

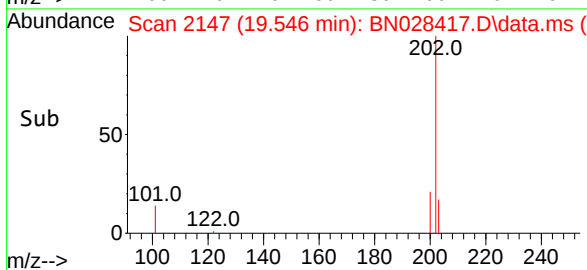
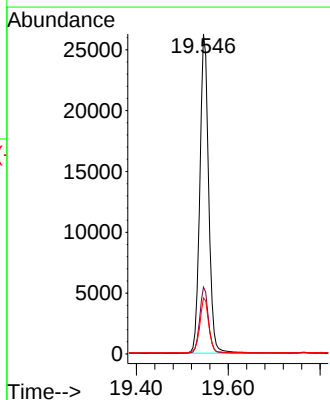
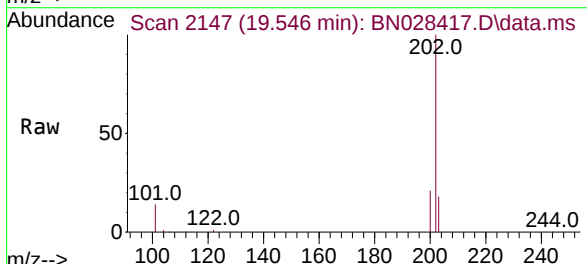
Instrument :
BNA_N
ClientSampleId :
PB156825BS

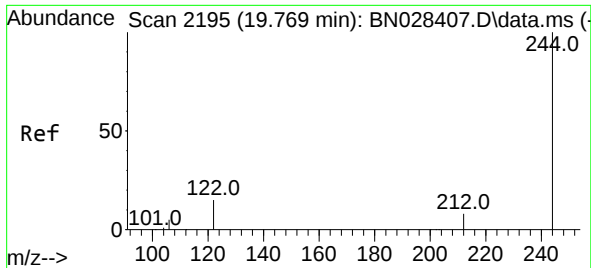
Tgt Ion:240 Resp: 20354
Ion Ratio Lower Upper
240 100
120 11.7 9.8 14.6
236 28.0 22.2 33.2



#30
Pyrene
Concen: 0.411 ng
RT: 19.546 min Scan# 2147
Delta R.T. -0.005 min
Lab File: BN028417.D
Acq: 02 Nov 2023 12:29

Tgt Ion:202 Resp: 34860
Ion Ratio Lower Upper
202 100
200 20.7 16.6 25.0
203 17.4 14.2 21.2

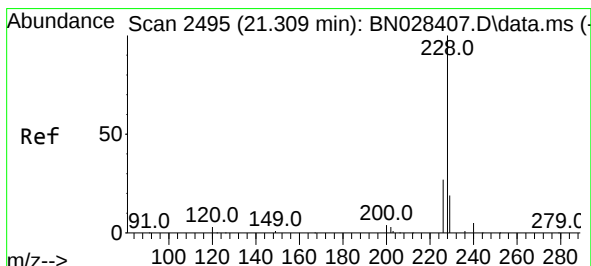
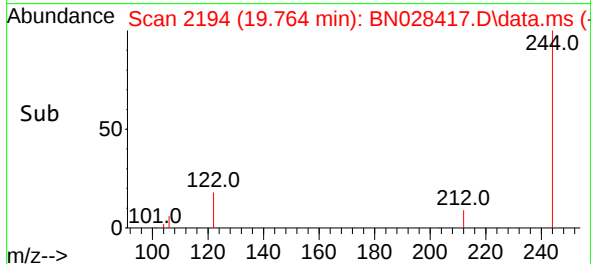
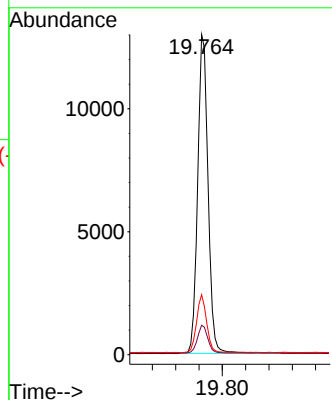
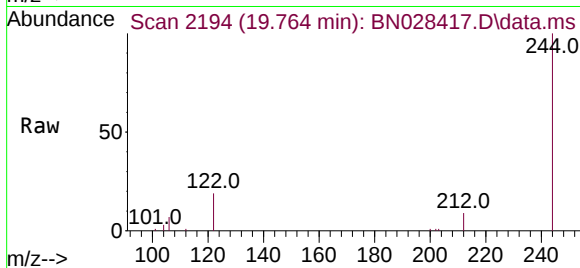




#31
 Terphenyl-d14
 Concen: 0.373 ng
 RT: 19.764 min Scan# 2194
 Delta R.T. -0.005 min
 Lab File: BN028417.D
 Acq: 02 Nov 2023 12:29

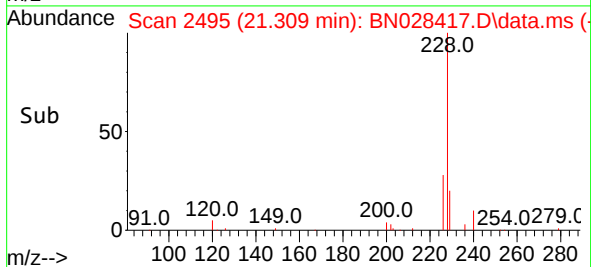
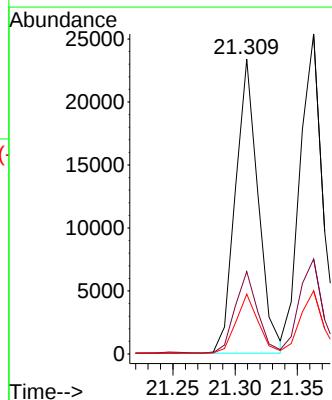
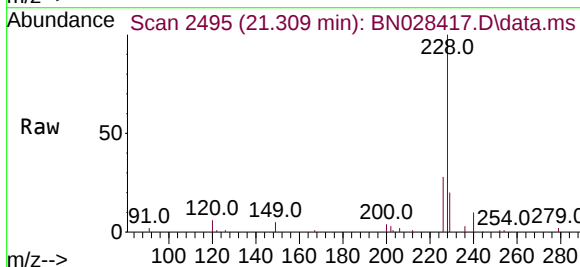
Instrument :
 BNA_N
 ClientSampleId :
 PB156825BS

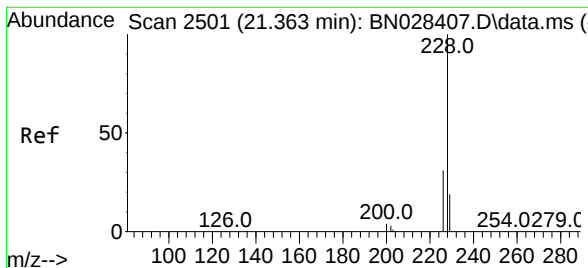
Tgt Ion:244 Resp: 15999
 Ion Ratio Lower Upper
 244 100
 212 9.2 6.6 10.0
 122 18.7 12.6 19.0



#32
 Benzo(a)anthracene
 Concen: 0.366 ng
 RT: 21.309 min Scan# 2495
 Delta R.T. -0.000 min
 Lab File: BN028417.D
 Acq: 02 Nov 2023 12:29

Tgt Ion:228 Resp: 29574
 Ion Ratio Lower Upper
 228 100
 226 27.9 21.8 32.8
 229 20.3 15.5 23.3





#33

Chrysene

Concen: 0.395 ng

RT: 21.363 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN028417.D

Acq: 02 Nov 2023 12:29

Instrument :

BNA_N

ClientSampleId :

PB156825BS

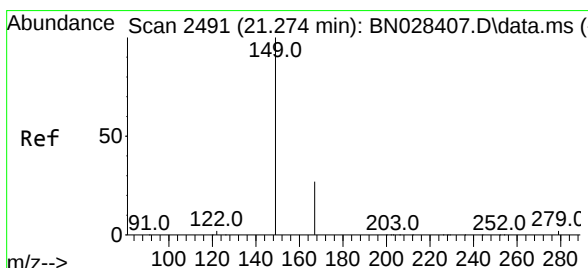
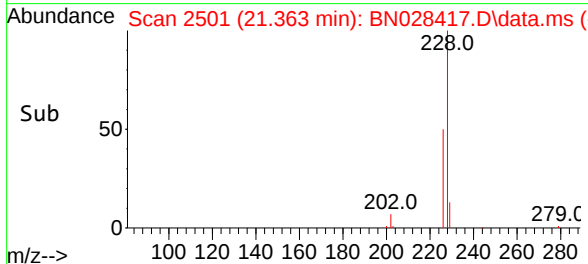
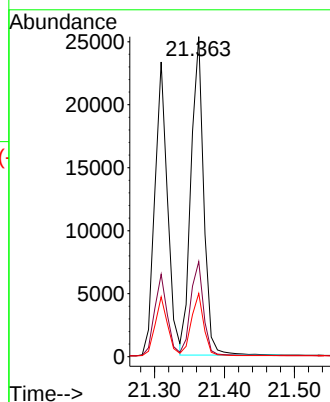
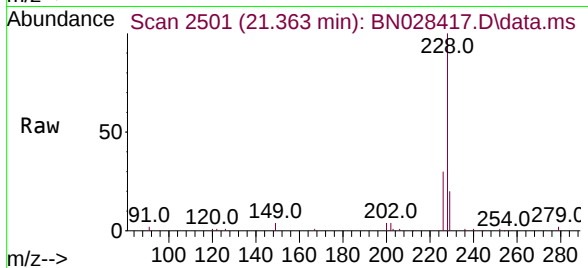
Tgt Ion:228 Resp: 31799

Ion Ratio Lower Upper

228 100

226 29.7 24.6 36.8

229 19.7 15.7 23.5



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.320 ng

RT: 21.265 min Scan# 2490

Delta R.T. -0.009 min

Lab File: BN028417.D

Acq: 02 Nov 2023 12:29

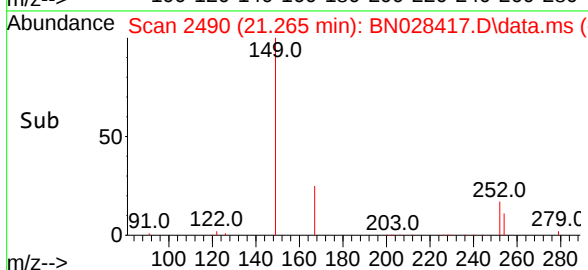
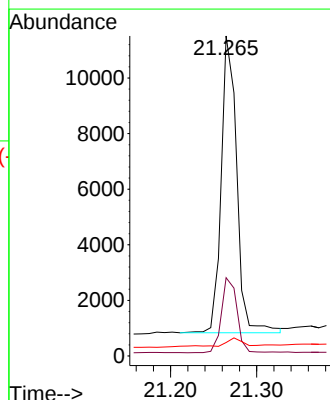
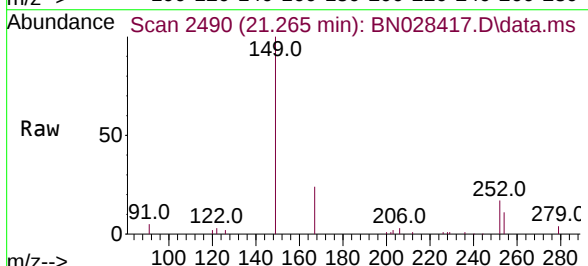
Tgt Ion:149 Resp: 13345

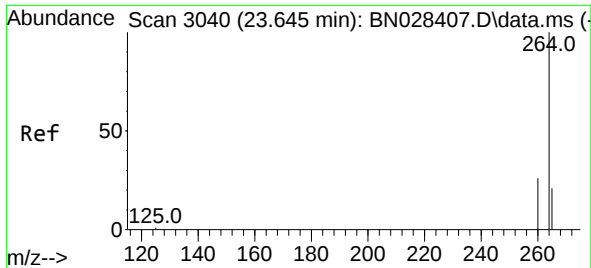
Ion Ratio Lower Upper

149 100

167 25.0 21.4 32.0

279 2.7 2.3 3.5

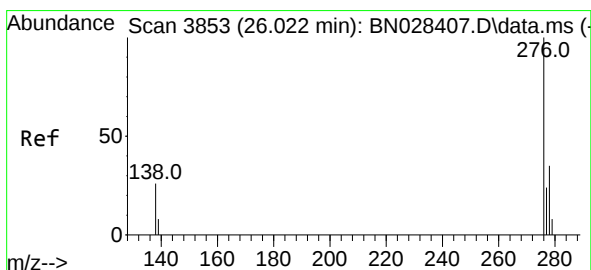
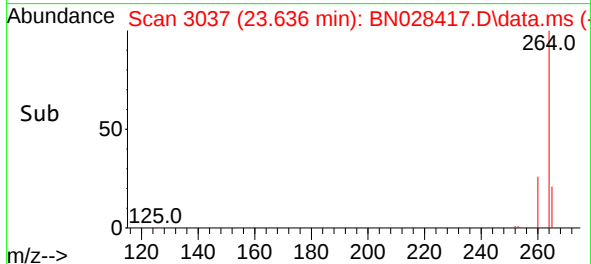
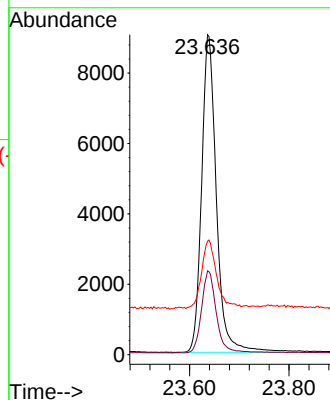
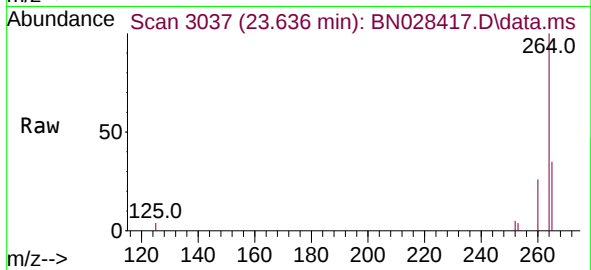




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.636 min Scan# 3040
 Delta R.T. -0.009 min
 Lab File: BN028417.D
 Acq: 02 Nov 2023 12:29

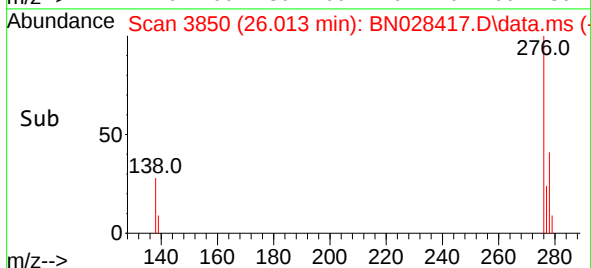
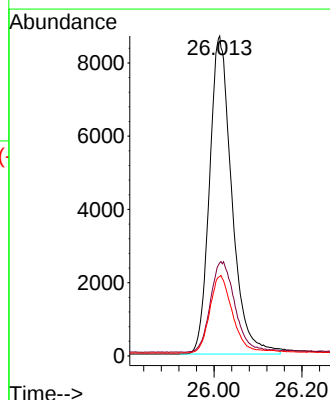
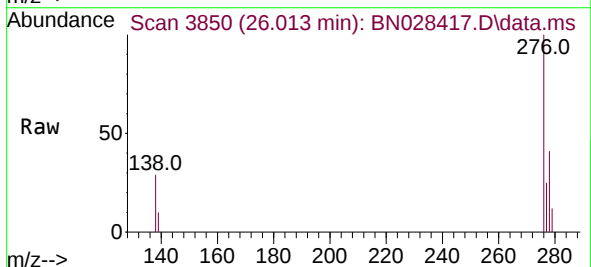
Instrument :
 BNA_N
 ClientSampleId :
 PB156825BS

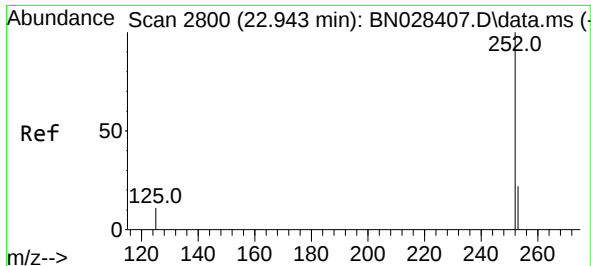
Tgt Ion:264 Resp: 18594
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.8 31.2
 265 35.5 21.7 32.5#



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.464 ng
 RT: 26.013 min Scan# 3850
 Delta R.T. -0.009 min
 Lab File: BN028417.D
 Acq: 02 Nov 2023 12:29

Tgt Ion:276 Resp: 30552
 Ion Ratio Lower Upper
 276 100
 138 31.3 24.1 36.1
 277 24.8 19.7 29.5





#37

Benzo(b)fluoranthene

Concen: 0.505 ng

RT: 22.940 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN028417.D

Acq: 02 Nov 2023 12:29

Instrument :

BNA_N

ClientSampleId :

PB156825BS

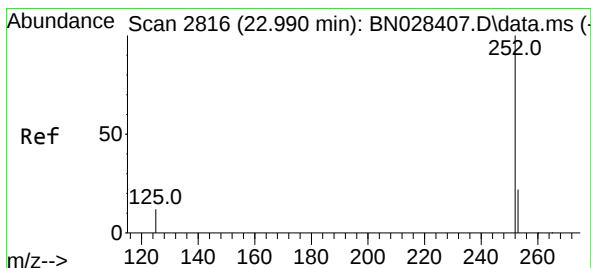
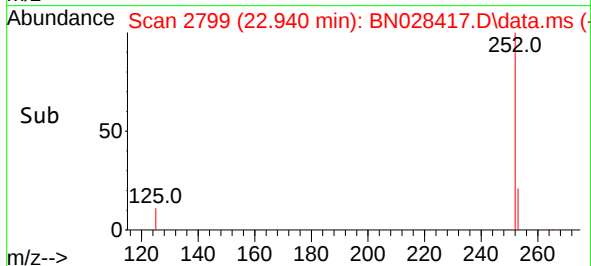
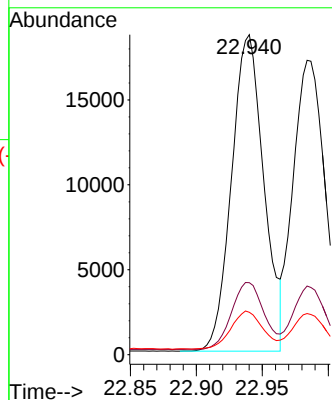
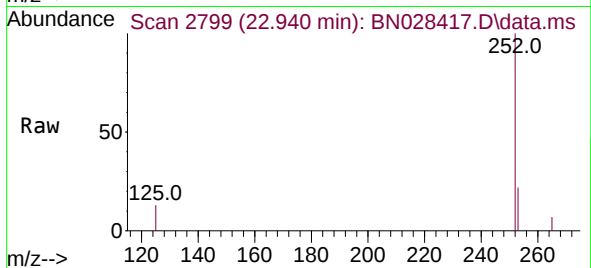
Tgt Ion:252 Resp: 31705

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

125 13.3 10.0 15.0



#38

Benzo(k)fluoranthene

Concen: 0.399 ng

RT: 22.984 min Scan# 2814

Delta R.T. -0.006 min

Lab File: BN028417.D

Acq: 02 Nov 2023 12:29

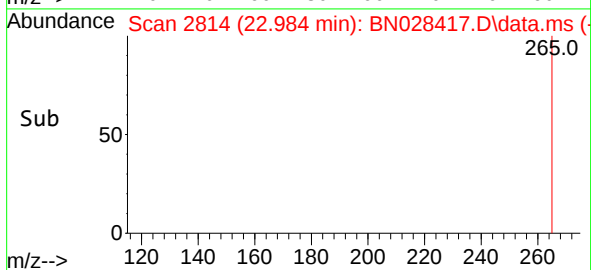
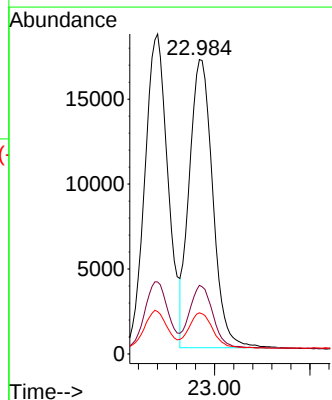
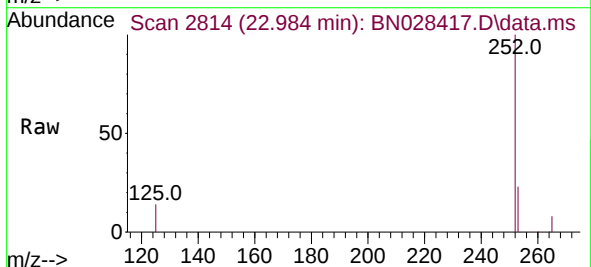
Tgt Ion:252 Resp: 29062

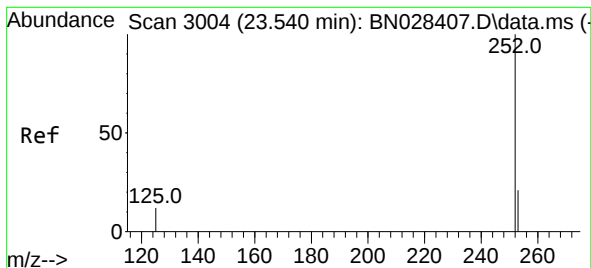
Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

125 14.0 10.2 15.2





#39

Benzo(a)pyrene

Concen: 0.366 ng

RT: 23.537 min Scan# 3003

Delta R.T. -0.003 min

Lab File: BN028417.D

Acq: 02 Nov 2023 12:29

Instrument :

BNA_N

ClientSampleId :

PB156825BS

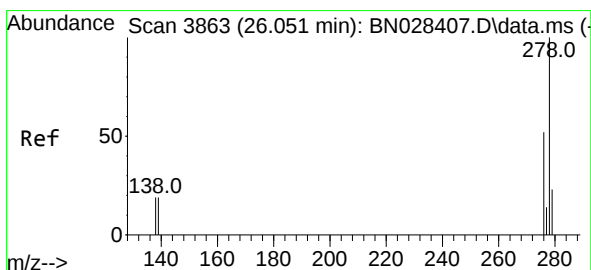
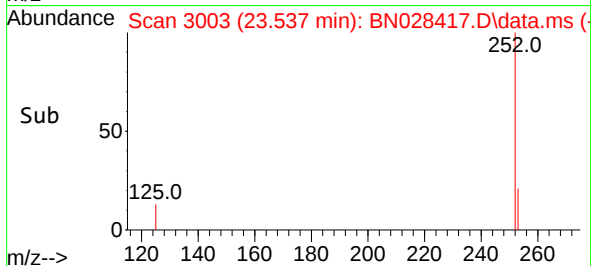
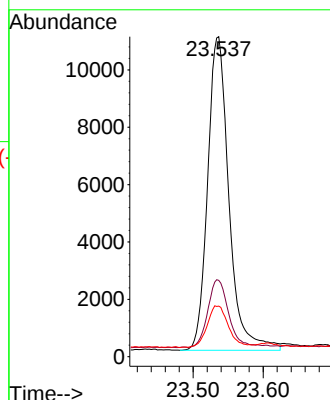
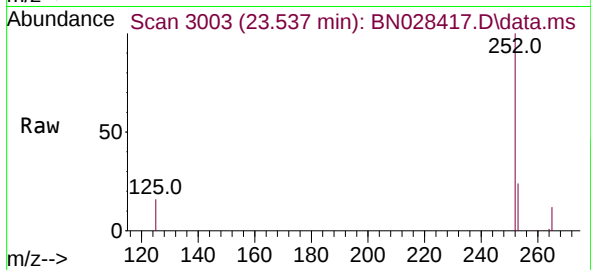
Tgt Ion:252 Resp: 23164

Ion Ratio Lower Upper

252 100

253 23.8 17.9 26.9

125 15.8 11.0 16.6



#40

Dibenzo(a,h)anthracene

Concen: 0.419 ng

RT: 26.036 min Scan# 3858

Delta R.T. -0.015 min

Lab File: BN028417.D

Acq: 02 Nov 2023 12:29

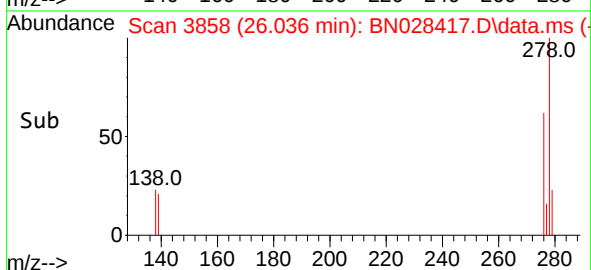
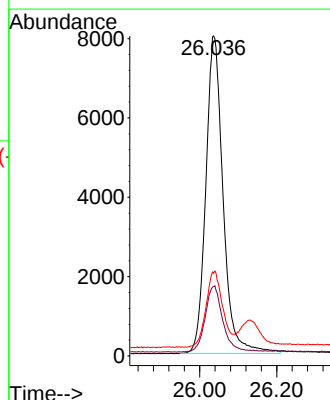
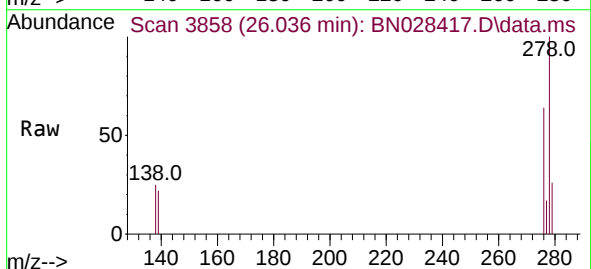
Tgt Ion:278 Resp: 24921

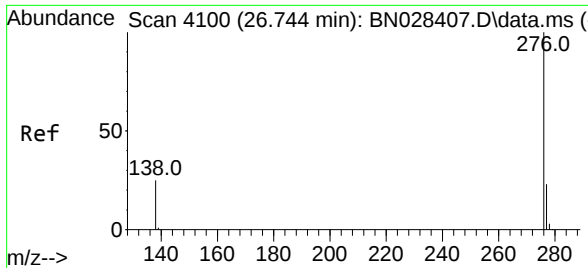
Ion Ratio Lower Upper

278 100

139 21.7 15.8 23.8

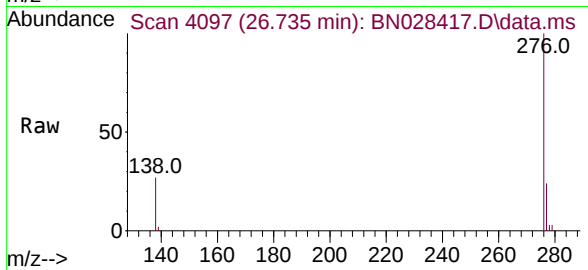
279 25.8 19.7 29.5





#41
Benzo(g,h,i)perylene
Concen: 0.425 ng
RT: 26.735 min Scan# 4097
Delta R.T. -0.009 min
Lab File: BN028417.D
Acq: 02 Nov 2023 12:29

Instrument :
BNA_N
ClientSampleId :
PB156825BS



Tgt Ion:276 Resp: 27061
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 27.5 21.1 31.7

