

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
 Data File : BN029172.D
 Acq On : 22 Dec 2023 04:41
 Operator : MA/JU
 Sample : PB157235BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB157235BS

Quant Time: Dec 22 05:11:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 18:03:30 2023
 Response via : Initial Calibration

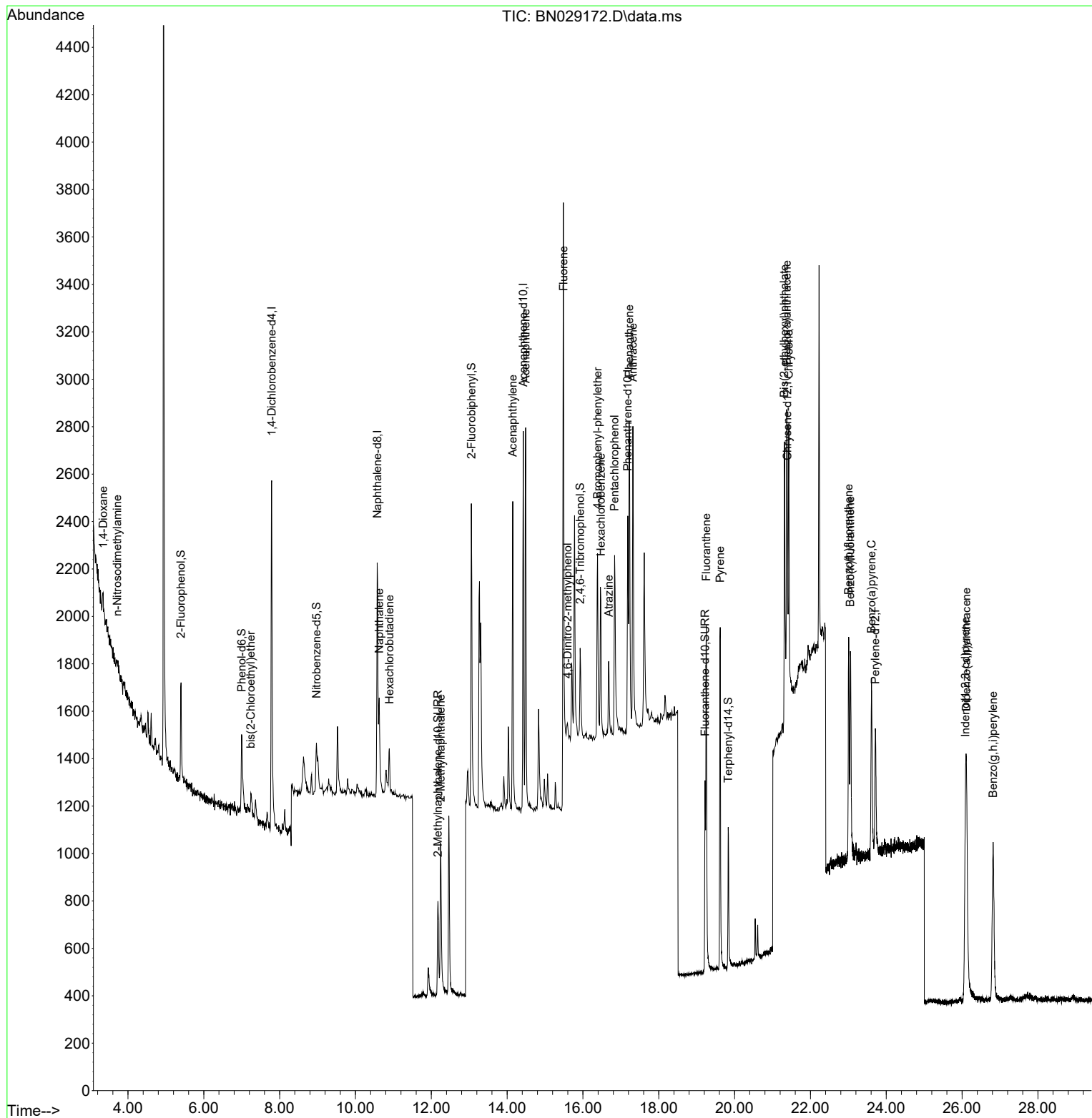
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	901	0.400	ng	0.00
7) Naphthalene-d8	10.573	136	1781	0.400	ng	-0.01
13) Acenaphthene-d10	14.426	164	941	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1473	0.400	ng	0.00
29) Chrysene-d12	21.394	240	550	0.400	ng	0.00
35) Perylene-d12	23.712	264	776	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	387	0.179	ng	0.00
5) Phenol-d6	7.002	99	508	0.214	ng	0.00
8) Nitrobenzene-d5	8.971	82	327	0.141	ng	0.01
11) 2-Methylnaphthalene-d10	12.174	152	799	0.296	ng	0.00
14) 2,4,6-Tribromophenol	15.927	330	276	0.336	ng	0.00
15) 2-Fluorobiphenyl	13.057	172	1444	0.263	ng	0.00
27) Fluoranthene-d10	19.220	212	1077	0.302	ng	0.00
31) Terphenyl-d14	19.833	244	654	0.433	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.348	88	75	0.088	ng	# 38
3) n-Nitrosodimethylamine	3.716	42	33	0.057	ng	# 25
6) bis(2-Chloroethyl)ether	7.241	93	134	0.073	ng	94
9) Naphthalene	10.626	128	560	0.097	ng	# 79
10) Hexachlorobutadiene	10.893	225	145	0.076	ng	# 99
12) 2-Methylnaphthalene	12.250	142	592	0.156	ng	95
16) Acenaphthylene	14.148	152	1558	0.235	ng	98
17) Acenaphthene	14.490	154	892	0.224	ng	93
18) Fluorene	15.484	166	1304	0.243	ng	100
20) 4,6-Dinitro-2-methylph...	15.592	198	94	0.197	ng	# 90
21) 4-Bromophenyl-phenylether	16.387	248	374	0.246	ng	93
22) Hexachlorobenzene	16.474	284	467	0.263	ng	98
23) Atrazine	16.685	200	404	0.316	ng	98
24) Pentachlorophenol	16.833	266	491	0.467	ng	93
25) Phenanthrene	17.218	178	1771	0.291	ng	96
26) Anthracene	17.318	178	1733	0.295	ng	98
28) Fluoranthene	19.252	202	1590	0.253	ng	99
30) Pyrene	19.619	202	1550	0.358	ng	99
32) Benzo(a)anthracene	21.376	228	1058	0.350	ng	99
33) Chrysene	21.429	228	1072	0.358	ng	99
34) Bis(2-ethylhexyl)phtha...	21.313	149	1226	0.320	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.089	276	1904	0.381	ng	# 81
37) Benzo(b)fluoranthene	23.008	252	1305	0.331	ng	99
38) Benzo(k)fluoranthene	23.055	252	1263	0.327	ng	97
39) Benzo(a)pyrene	23.610	252	1261	0.358	ng	98
40) Dibenzo(a,h)anthracene	26.113	278	660	0.172	ng	94
41) Benzo(g,h,i)perylene	26.817	276	1587	0.375	ng	98

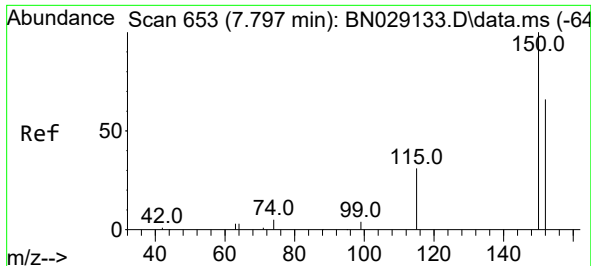
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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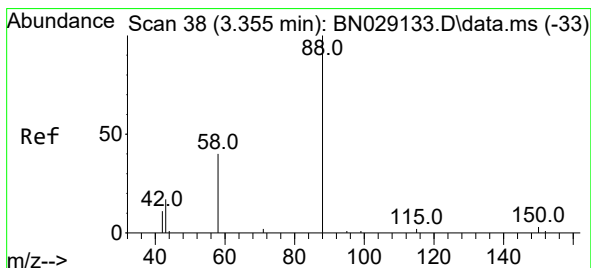
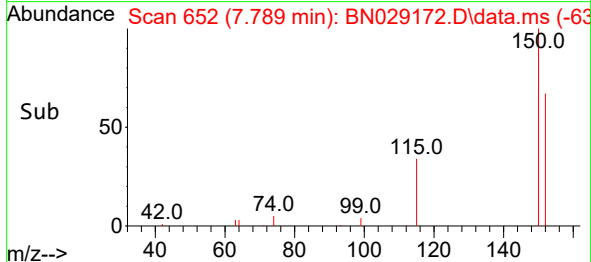
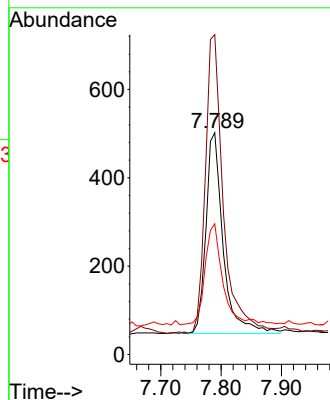
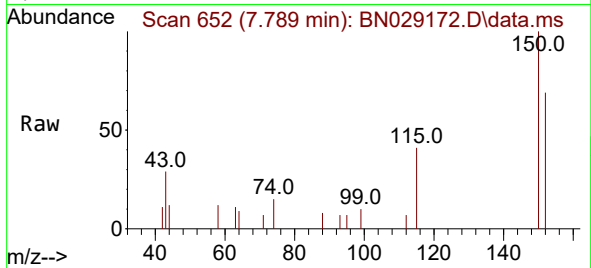




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.789 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN029172.D
 Acq: 22 Dec 2023 04:41

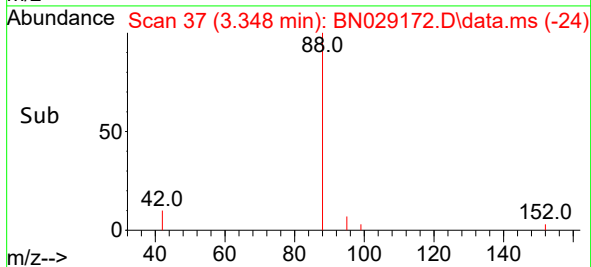
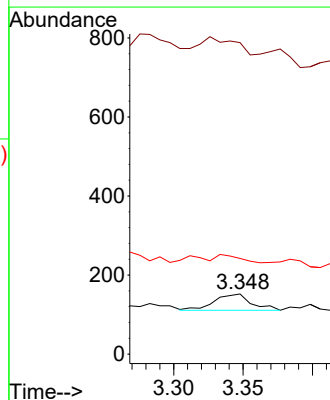
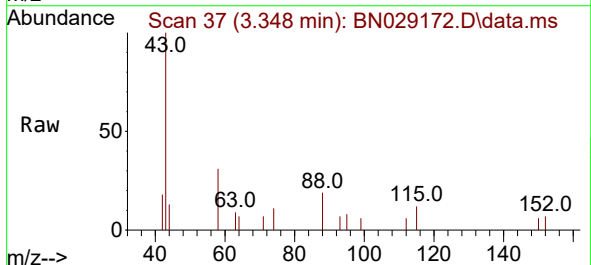
Instrument :
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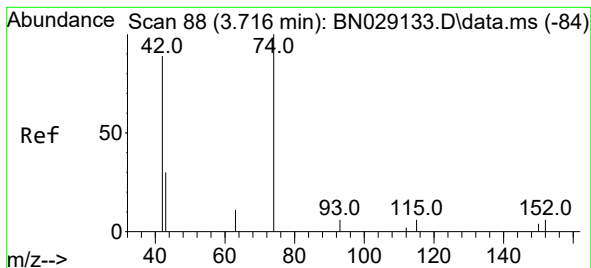
Tgt Ion:152 Resp: 901
 Ion Ratio Lower Upper
 152 100
 150 144.2 117.6 176.4
 115 59.0 44.2 66.2



#2
 1,4-Dioxane
 Concen: 0.088 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN029172.D
 Acq: 22 Dec 2023 04:41

Tgt Ion: 88 Resp: 75
 Ion Ratio Lower Upper
 88 100
 43 0.0 20.1 30.1#
 58 0.0 35.4 53.2#





#3

n-Nitrosodimethylamine

Concen: 0.057 ng

RT: 3.716 min Scan# 81

Delta R.T. -0.000 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

Instrument :

BNA_N

ClientSampleId :

PB157235BS

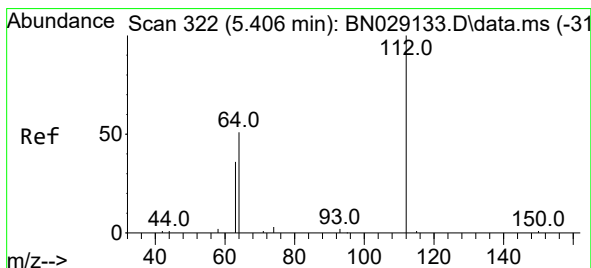
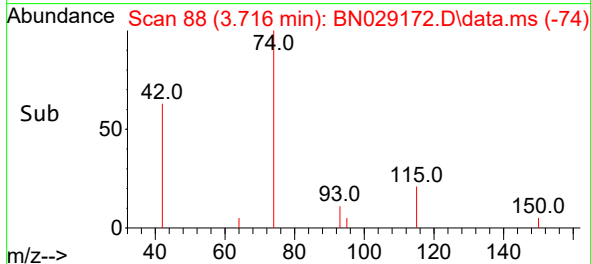
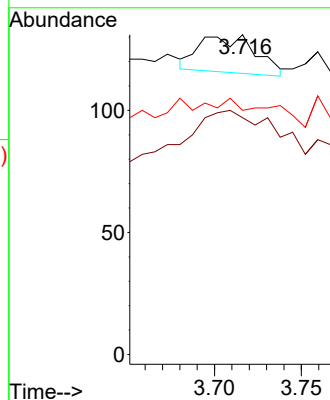
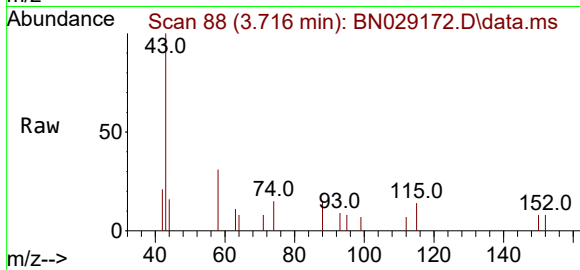
Tgt Ion: 42 Resp: 33

Ion Ratio Lower Upper

42 100

74 218.2 103.0 154.4#

44 0.0 3.2 4.8#



#4

2-Fluorophenol

Concen: 0.179 ng

RT: 5.399 min Scan# 321

Delta R.T. -0.007 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

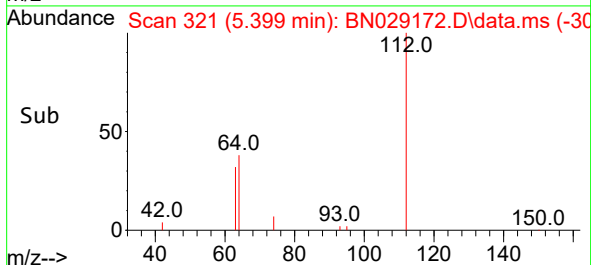
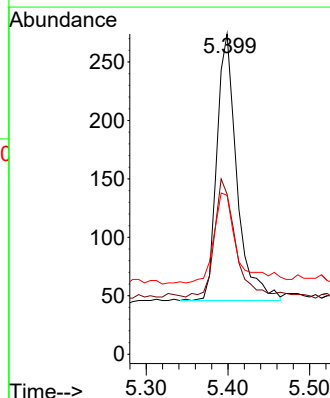
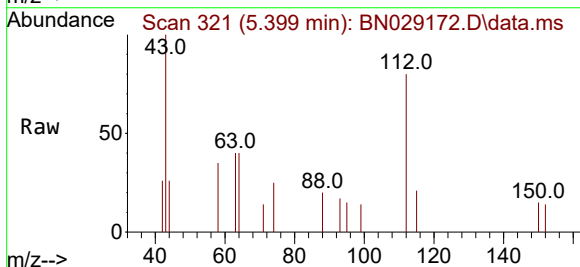
Tgt Ion: 112 Resp: 387

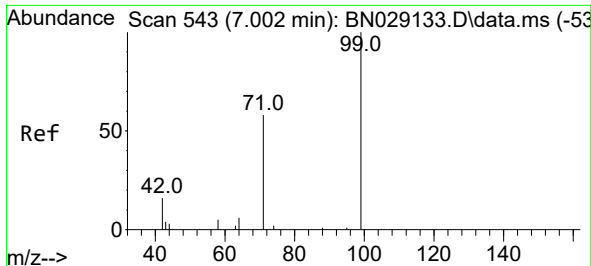
Ion Ratio Lower Upper

112 100

64 45.7 38.6 58.0

63 39.0 30.0 45.0

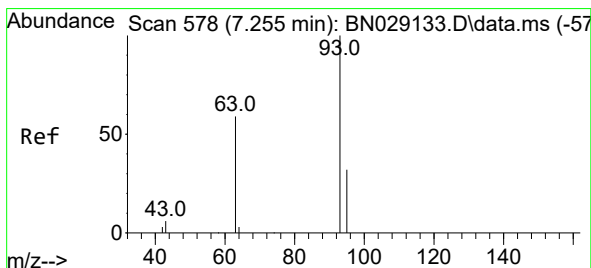
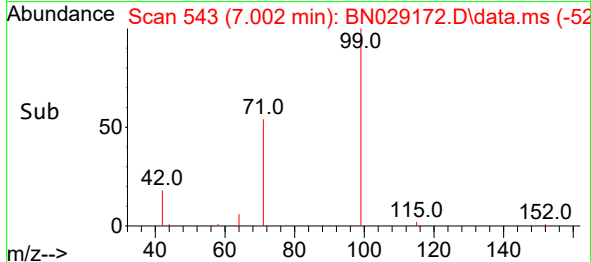
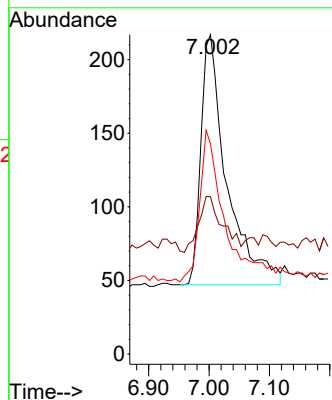
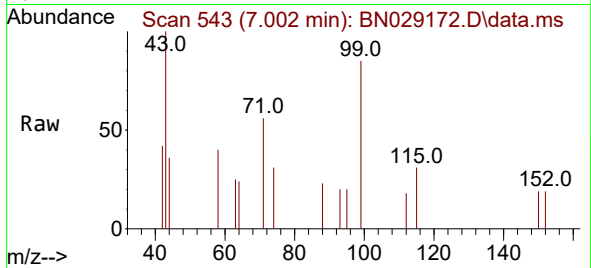




#5
Phenol-d6
Concen: 0.214 ng
RT: 7.002 min Scan# 543
Delta R.T. -0.000 min
Lab File: BN029172.D
Acq: 22 Dec 2023 04:41

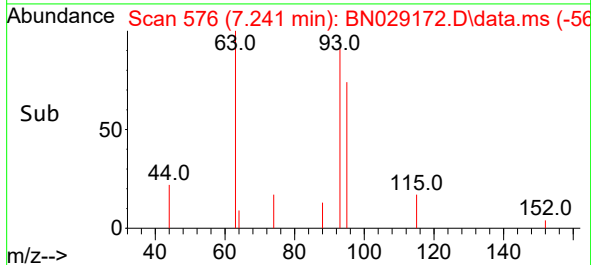
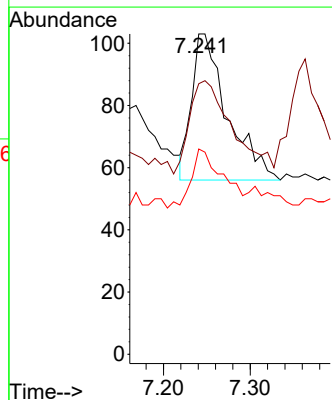
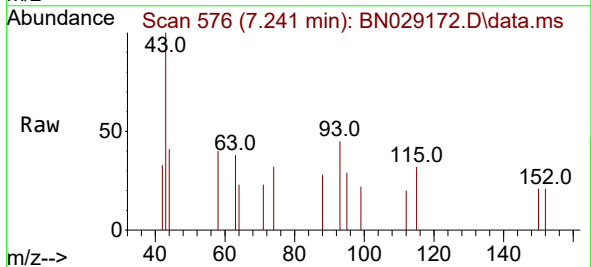
Instrument :
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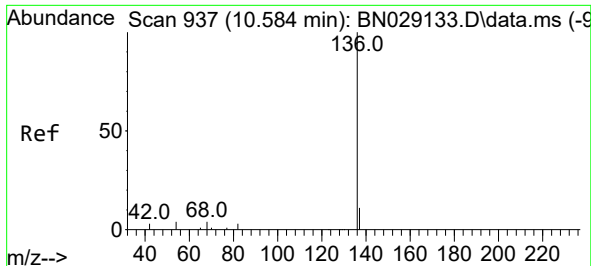
Tgt Ion:	99	Resp:	508
Ion	Ratio	Lower	Upper
99	100		
42	20.5	13.8	20.6
71	56.3	45.4	68.2



#6
bis(2-Chloroethyl)ether
Concen: 0.073 ng
RT: 7.241 min Scan# 576
Delta R.T. -0.014 min
Lab File: BN029172.D
Acq: 22 Dec 2023 04:41

Tgt Ion:	93	Resp:	134
Ion	Ratio	Lower	Upper
93	100		
63	76.1	57.0	85.6
95	37.3	27.4	41.2

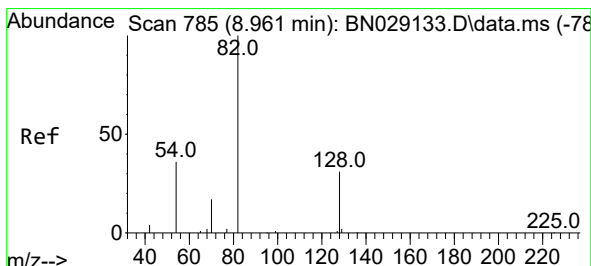
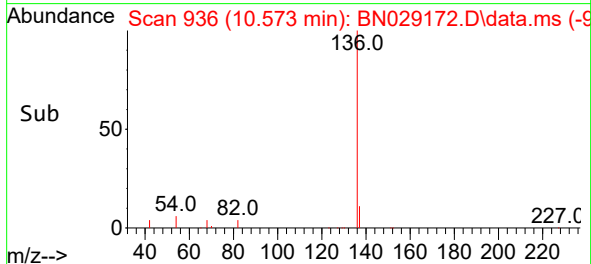
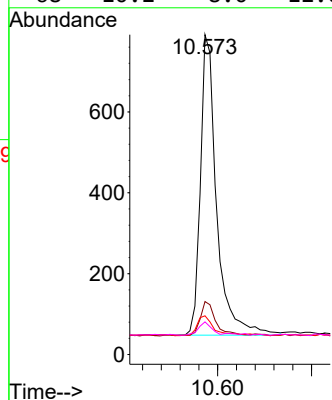
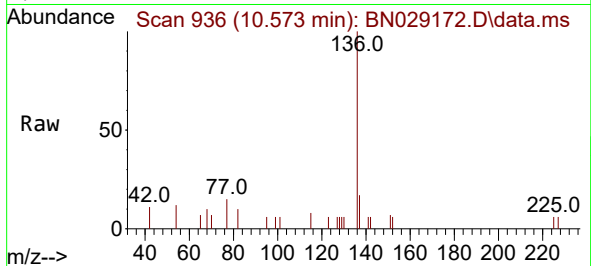




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN029172.D
Acq: 22 Dec 2023 04:41

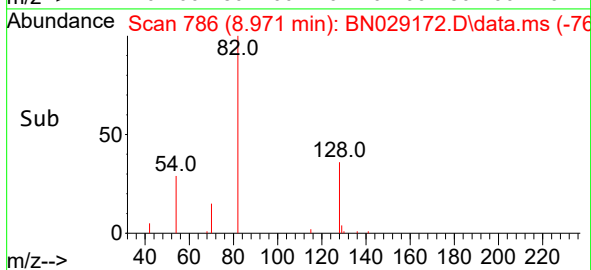
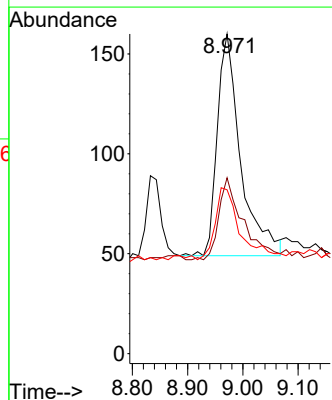
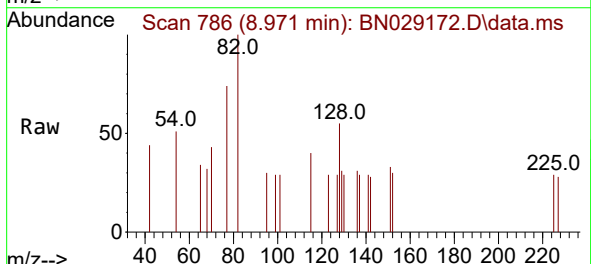
Instrument :
BNA_N
ClientSampleId :
PB157235BS

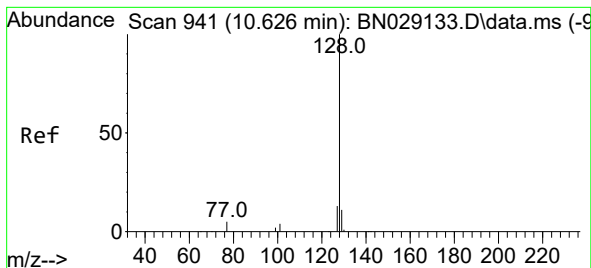
Tgt Ion:	136	Resp:	1781
Ion	Ratio	Lower	Upper
136	100		
137	16.6	13.4	20.0
54	12.1	8.6	13.0
68	10.2	8.0	12.0



#8
Nitrobenzene-d5
Concen: 0.141 ng
RT: 8.971 min Scan# 786
Delta R.T. 0.011 min
Lab File: BN029172.D
Acq: 22 Dec 2023 04:41

Tgt Ion:	82	Resp:	327
Ion	Ratio	Lower	Upper
82	100		
128	55.0	33.0	49.4#
54	51.3	35.8	53.8





#9

Naphthalene

Concen: 0.097 ng

RT: 10.626 min Scan# 941

Delta R.T. -0.000 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

Instrument :

BNA_N

ClientSampleId :

PB157235BS

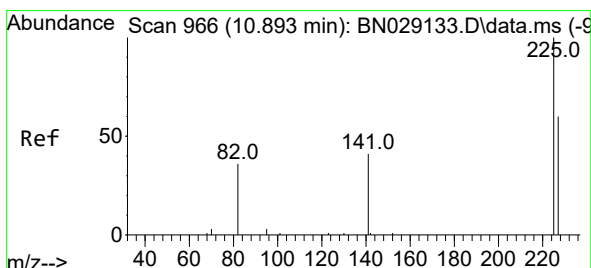
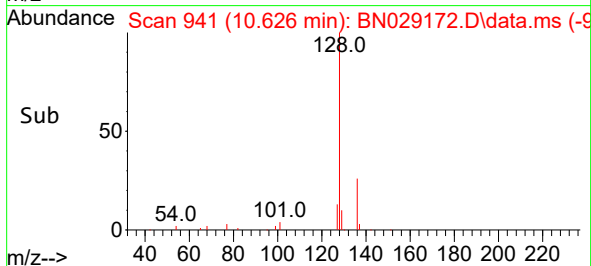
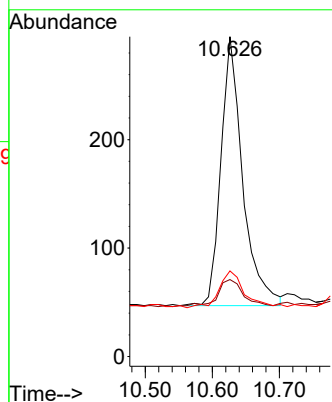
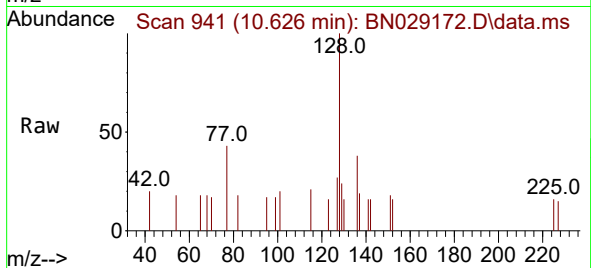
Tgt Ion:128 Resp: 560

Ion Ratio Lower Upper

128 100

129 24.1 12.0 18.0#

127 26.8 14.1 21.1#



#10

Hexachlorobutadiene

Concen: 0.076 ng

RT: 10.893 min Scan# 966

Delta R.T. -0.000 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

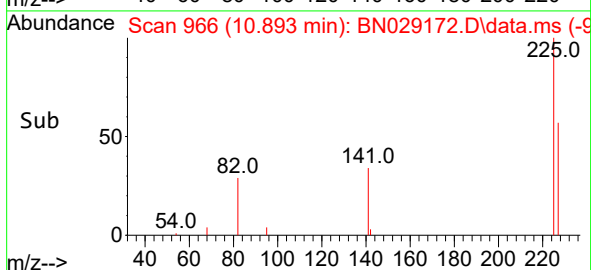
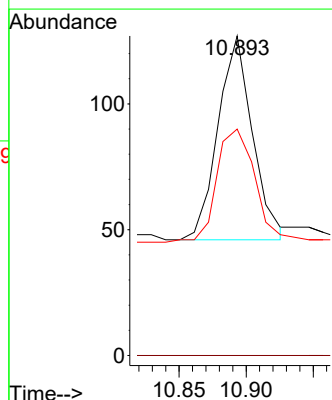
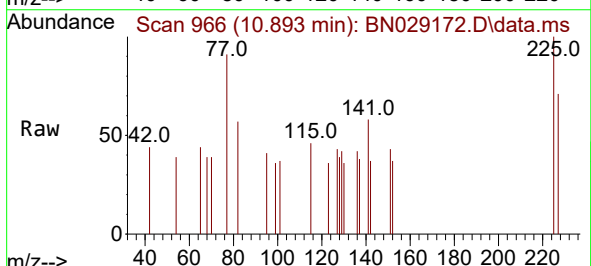
Tgt Ion:225 Resp: 145

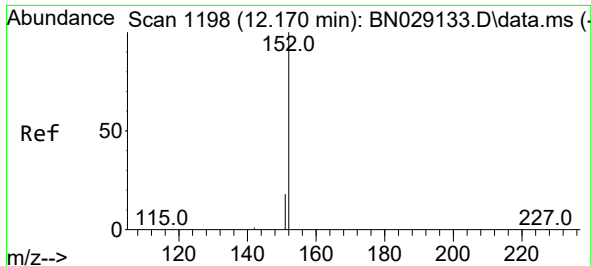
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 62.1 50.6 75.8





#11

2-Methylnaphthalene-d10

Concen: 0.296 ng

RT: 12.174 min Scan# 1199

Delta R.T. 0.004 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

Instrument :

BNA_N

ClientSampleId :

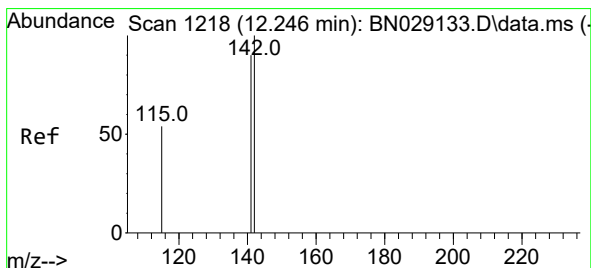
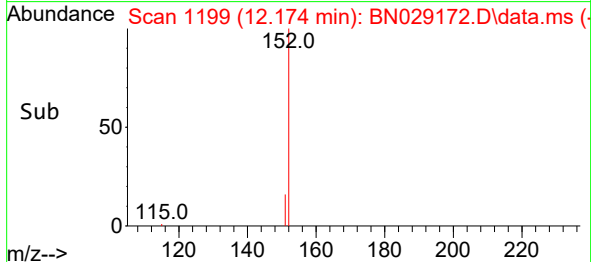
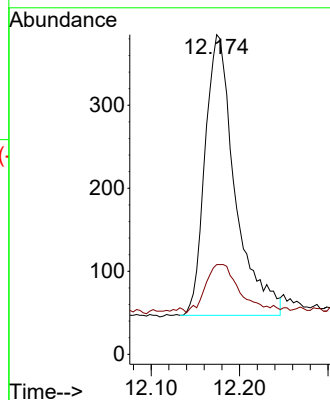
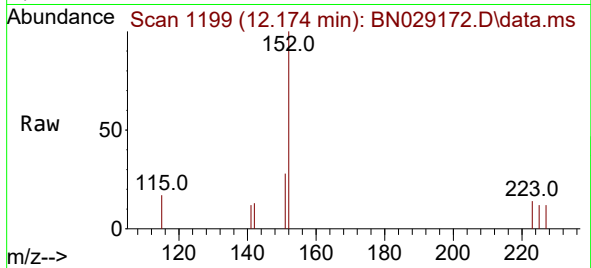
PB157235BS

Tgt Ion:152 Resp: 799

Ion Ratio Lower Upper

152 100

151 19.8 17.4 26.2



#12

2-Methylnaphthalene

Concen: 0.156 ng

RT: 12.250 min Scan# 1219

Delta R.T. 0.004 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

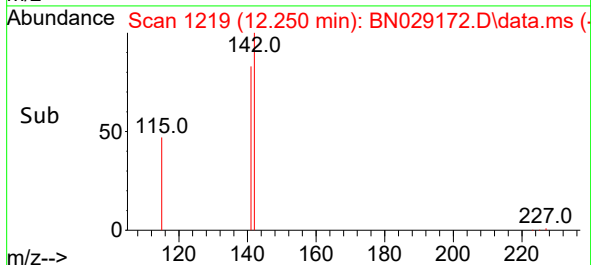
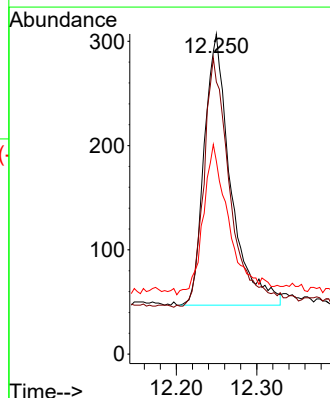
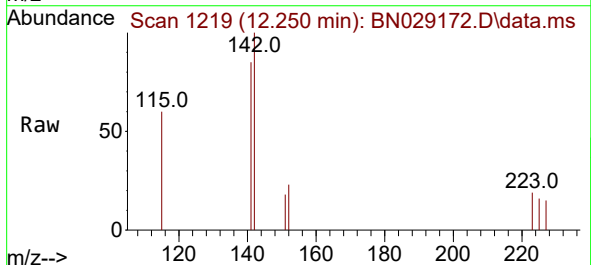
Tgt Ion:142 Resp: 592

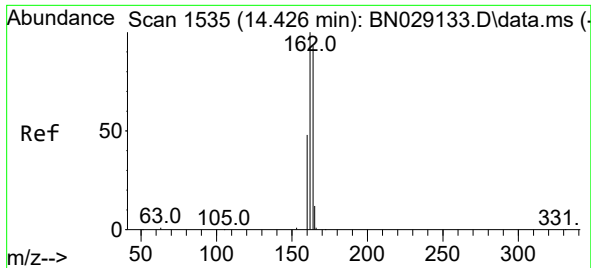
Ion Ratio Lower Upper

142 100

141 85.0 73.0 109.4

115 60.3 46.8 70.2

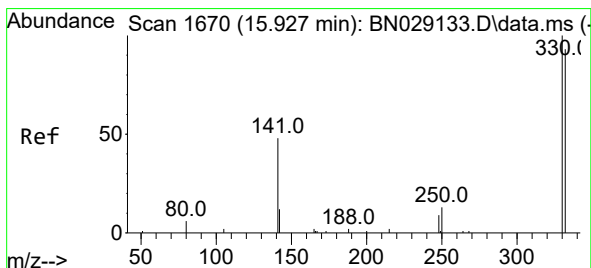
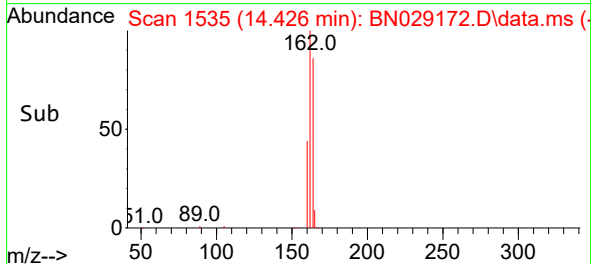
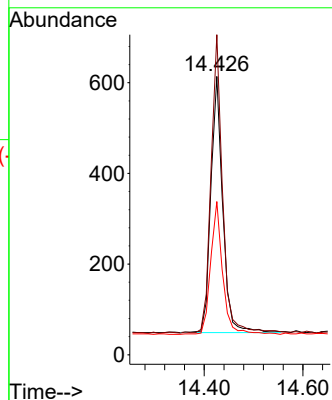
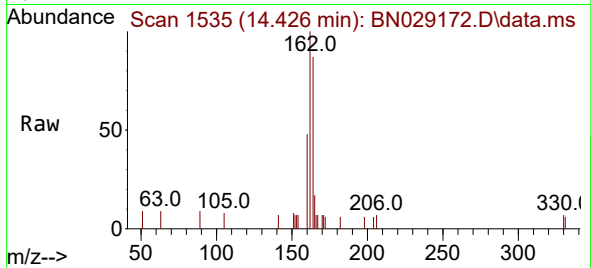




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.426 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN029172.D
Acq: 22 Dec 2023 04:41

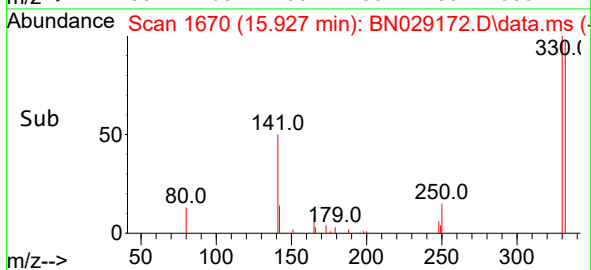
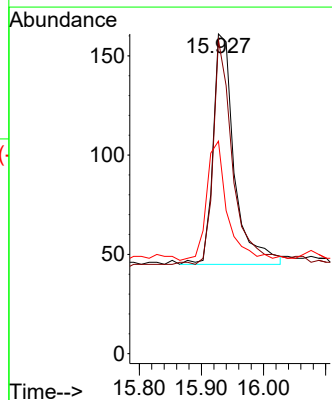
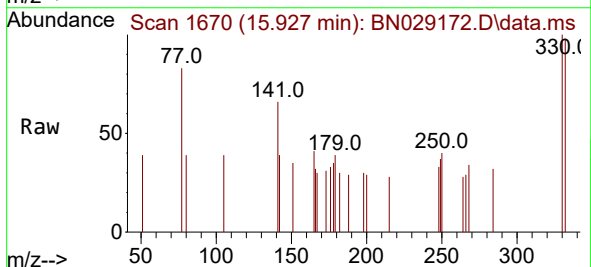
Instrument :
BNA_N
ClientSampleId :
PB157235BS

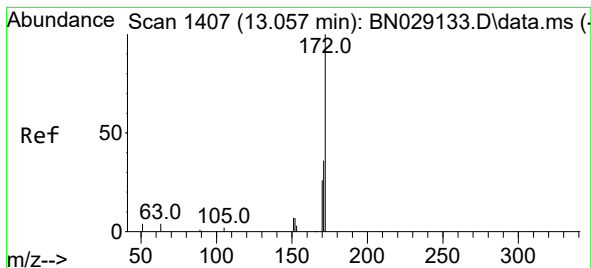
Tgt Ion:164 Resp: 941
Ion Ratio Lower Upper
164 100
162 115.0 85.0 127.4
160 55.0 45.8 68.8



#14
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 15.927 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BN029172.D
Acq: 22 Dec 2023 04:41

Tgt Ion:330 Resp: 276
Ion Ratio Lower Upper
330 100
332 90.2 83.4 125.0
141 50.4 43.8 65.8





#15

2-Fluorobiphenyl

Concen: 0.263 ng

RT: 13.057 min Scan# 1407

Delta R.T. -0.000 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

Instrument :

BNA_N

ClientSampleId :

PB157235BS

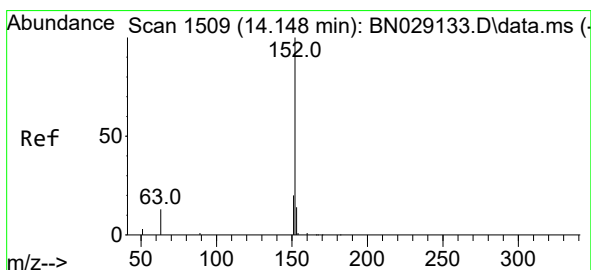
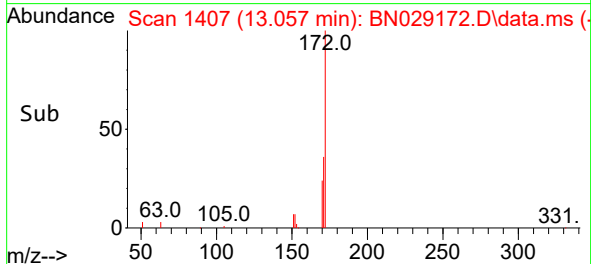
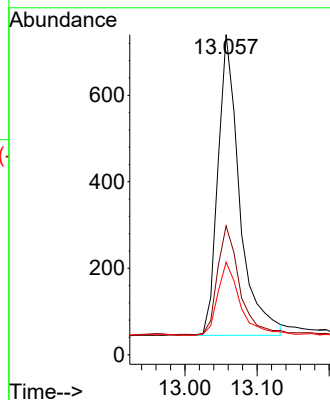
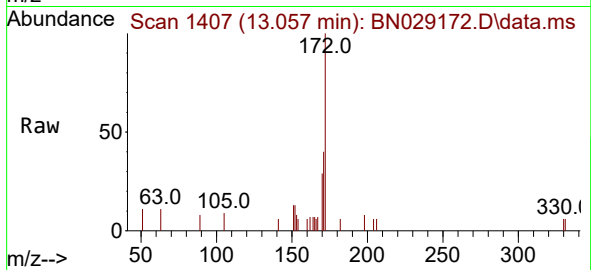
Tgt Ion:172 Resp: 1444

Ion Ratio Lower Upper

172 100

171 40.3 32.2 48.4

170 28.9 25.0 37.4



#16

Acenaphthylene

Concen: 0.235 ng

RT: 14.148 min Scan# 1509

Delta R.T. -0.000 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

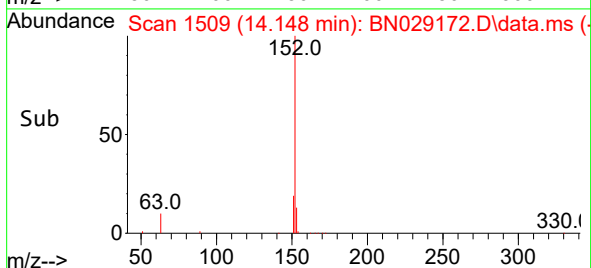
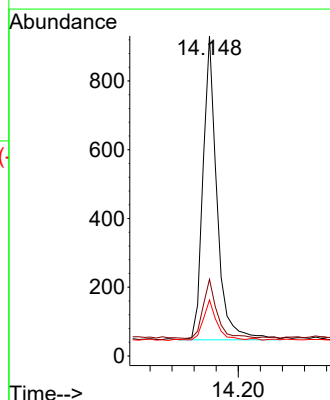
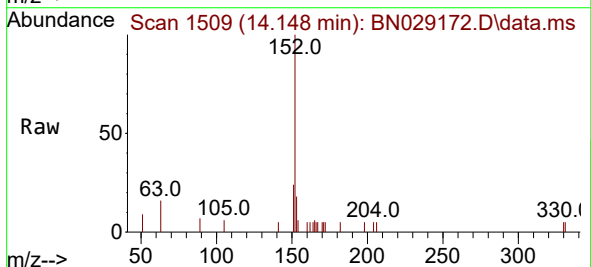
Tgt Ion:152 Resp: 1558

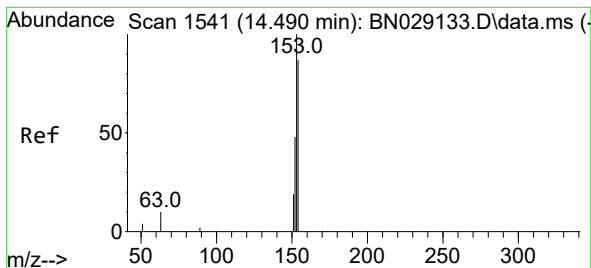
Ion Ratio Lower Upper

152 100

151 19.3 16.3 24.5

153 13.4 10.1 15.1





#17

Acenaphthene

Concen: 0.224 ng

RT: 14.490 min Scan# 1541

Delta R.T. -0.000 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

Instrument :

BNA_N

ClientSampleId :

PB157235BS

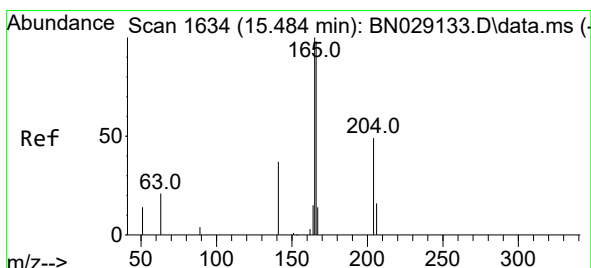
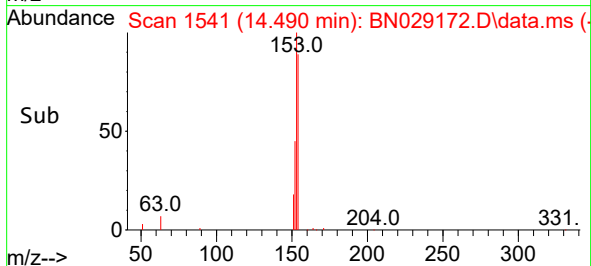
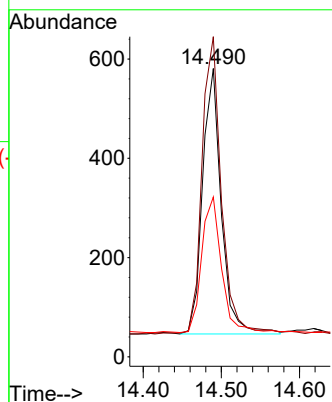
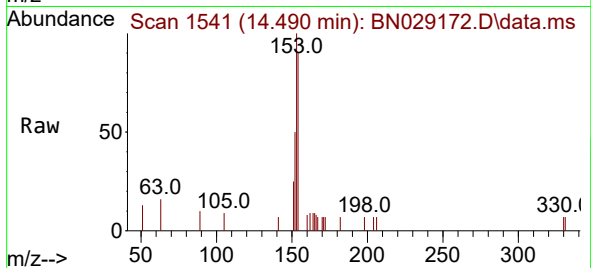
Tgt Ion:154 Resp: 892

Ion Ratio Lower Upper

154 100

153 116.8 99.9 149.9

152 54.3 47.4 71.2



#18

Fluorene

Concen: 0.243 ng

RT: 15.484 min Scan# 1634

Delta R.T. -0.000 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

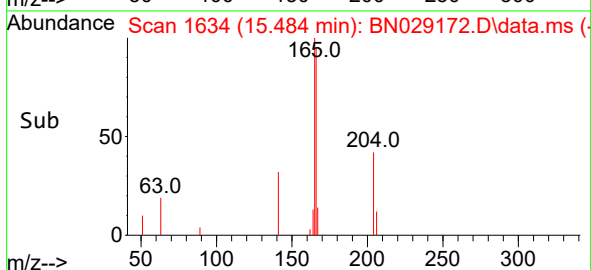
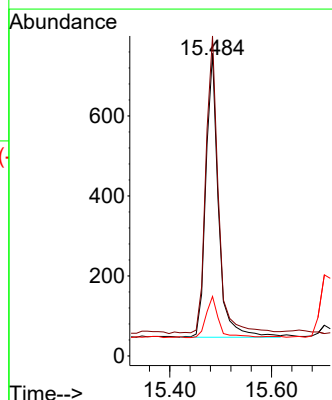
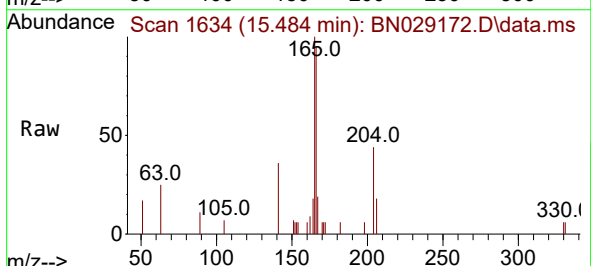
Tgt Ion:166 Resp: 1304

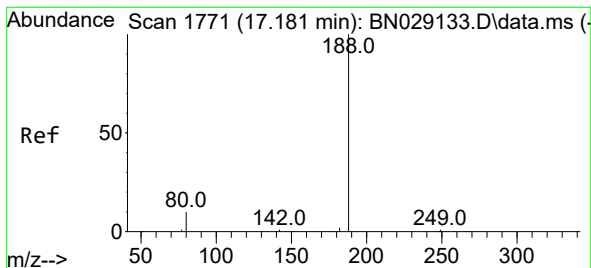
Ion Ratio Lower Upper

166 100

165 104.2 83.4 125.0

167 14.4 11.8 17.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.181 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

Instrument :

BNA_N

ClientSampleId :

PB157235BS

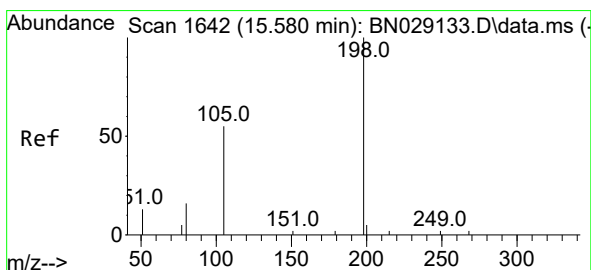
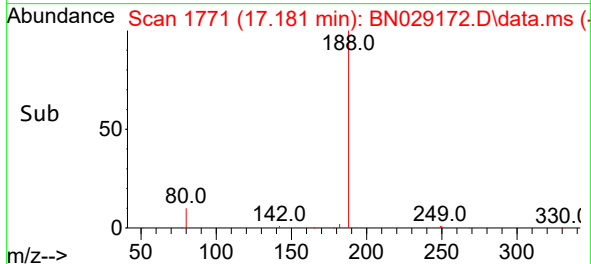
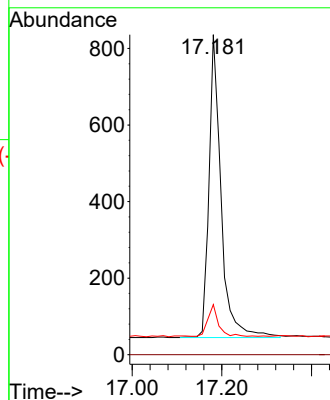
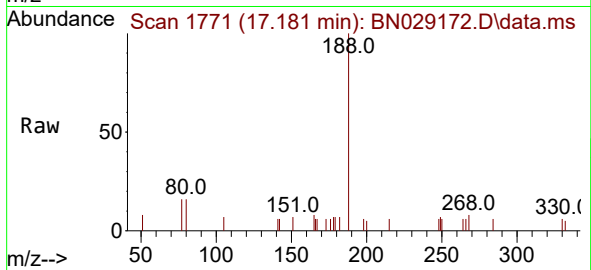
Tgt Ion:188 Resp: 1473

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.7 13.7 20.5



#20

4,6-Dinitro-2-methylphenol

Concen: 0.197 ng

RT: 15.592 min Scan# 1643

Delta R.T. 0.012 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

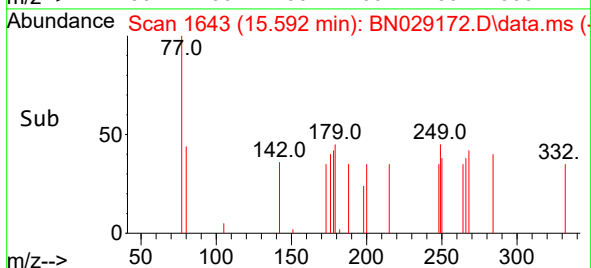
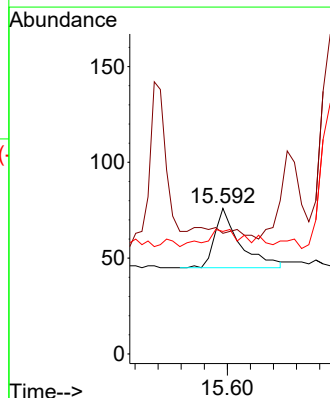
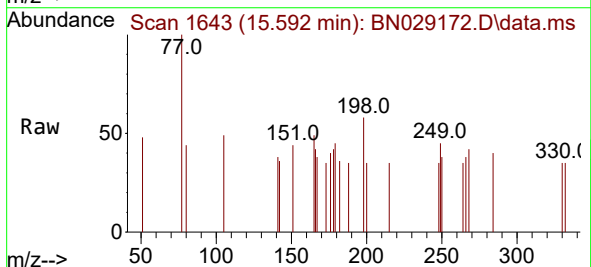
Tgt Ion:198 Resp: 94

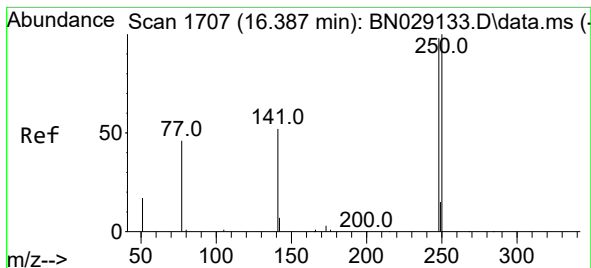
Ion Ratio Lower Upper

198 100

51 82.9 53.6 80.4#

105 84.2 65.6 98.4

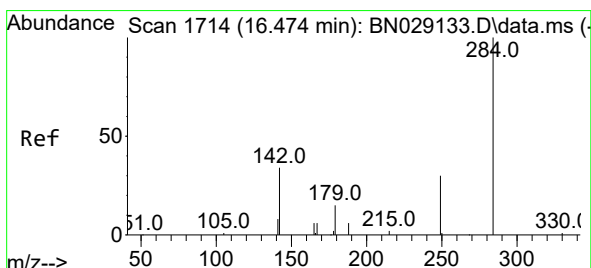
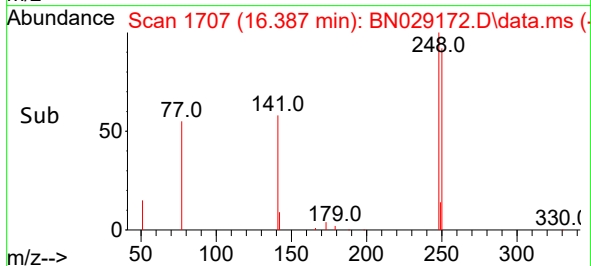
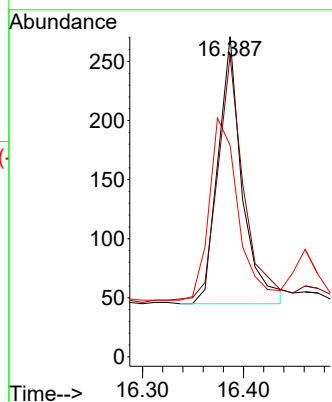
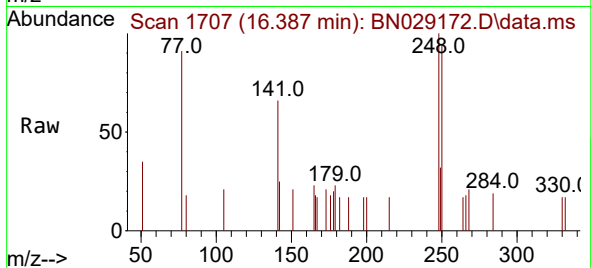




#21
4-Bromophenyl-phenylether
Concen: 0.246 ng
RT: 16.387 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BN029172.D
Acq: 22 Dec 2023 04:41

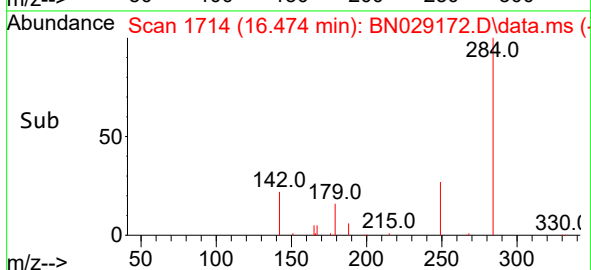
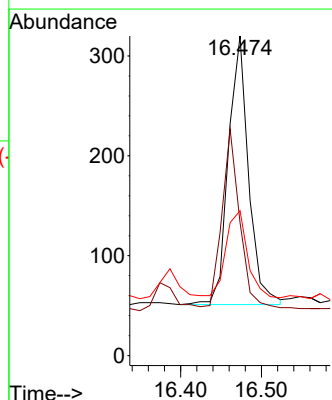
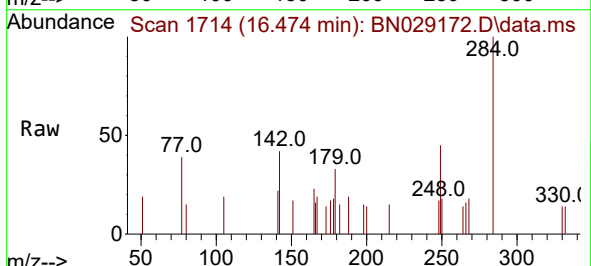
Instrument :
BNA_N
ClientSampleId :
PB157235BS

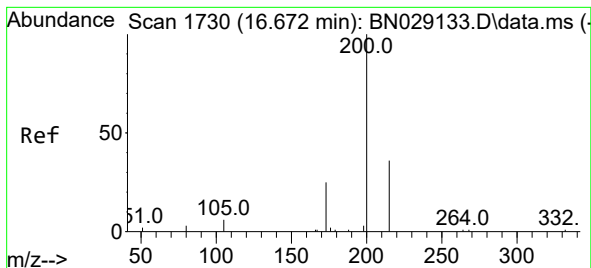
Tgt Ion:248 Resp: 374
Ion Ratio Lower Upper
248 100
250 94.1 82.2 123.2
141 66.1 49.7 74.5



#22
Hexachlorobenzene
Concen: 0.263 ng
RT: 16.474 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN029172.D
Acq: 22 Dec 2023 04:41

Tgt Ion:284 Resp: 467
Ion Ratio Lower Upper
284 100
142 57.8 46.9 70.3
249 34.5 28.6 43.0





#23

Atrazine

Concen: 0.316 ng

RT: 16.685 min Scan# 1731

Delta R.T. 0.012 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

Instrument :

BNA_N

ClientSampleId :

PB157235BS

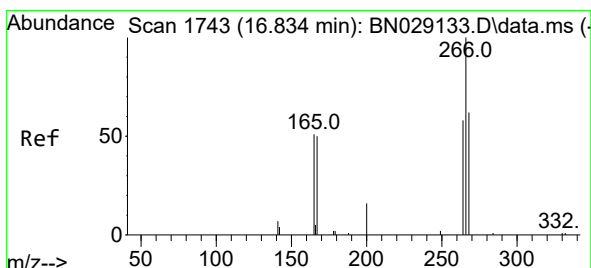
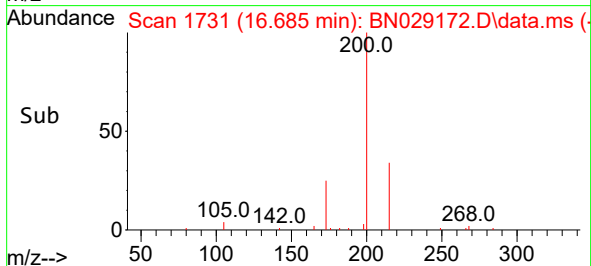
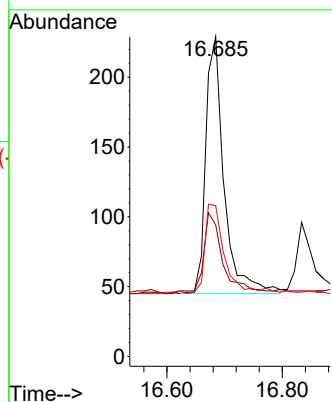
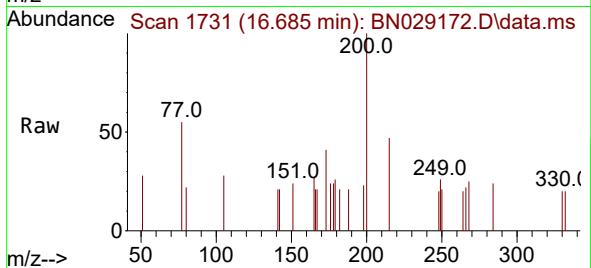
Tgt Ion:200 Resp: 404

Ion Ratio Lower Upper

200 100

173 41.0 31.4 47.2

215 47.2 38.5 57.7



#24

Pentachlorophenol

Concen: 0.467 ng

RT: 16.833 min Scan# 1743

Delta R.T. -0.000 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

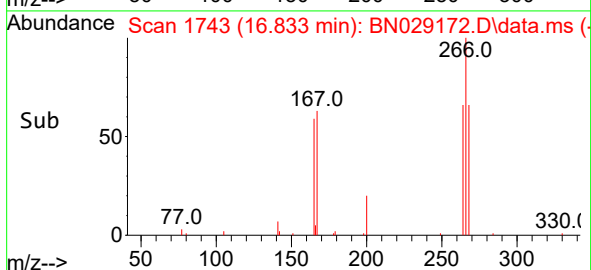
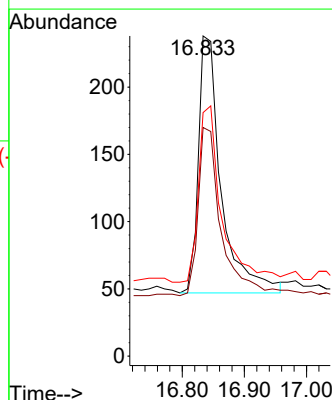
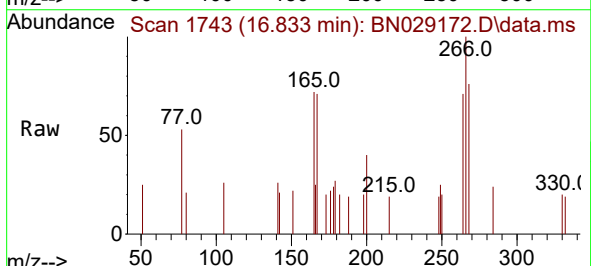
Tgt Ion:266 Resp: 491

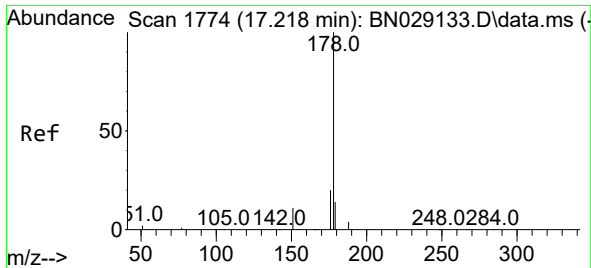
Ion Ratio Lower Upper

266 100

264 67.0 45.0 67.6

268 69.5 55.5 83.3

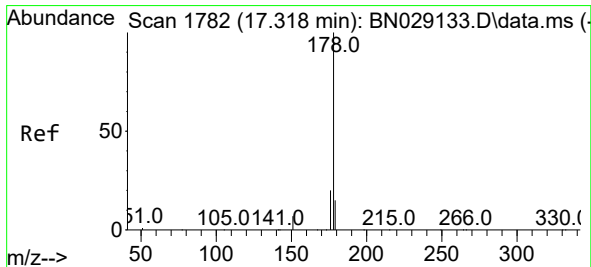
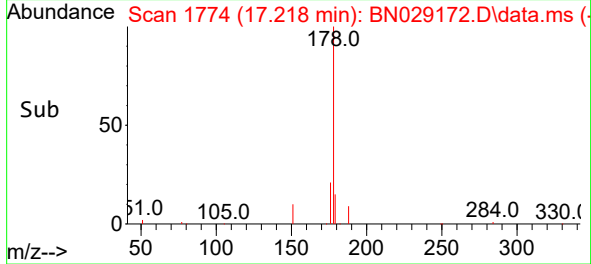
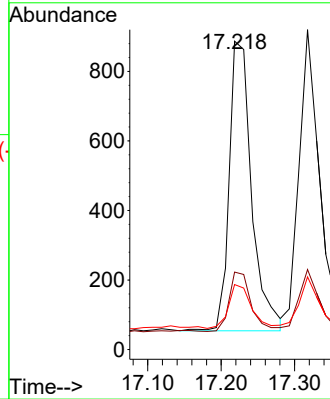
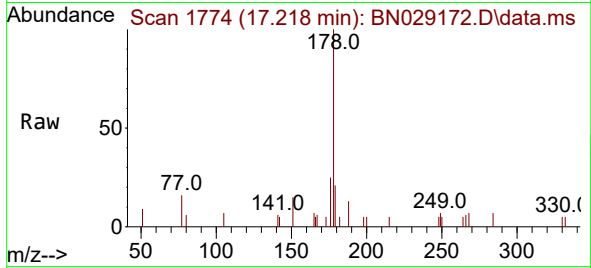




#25
Phenanthrene
Concen: 0.291 ng
RT: 17.218 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BN029172.D
Acq: 22 Dec 2023 04:41

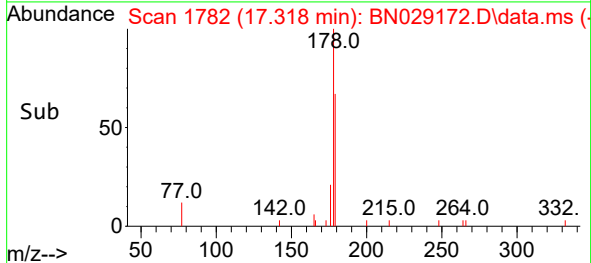
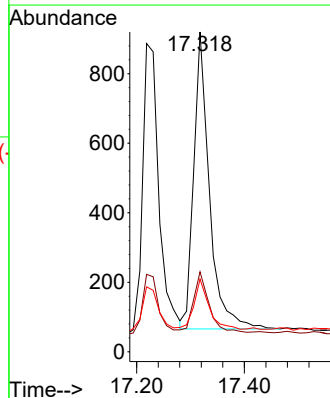
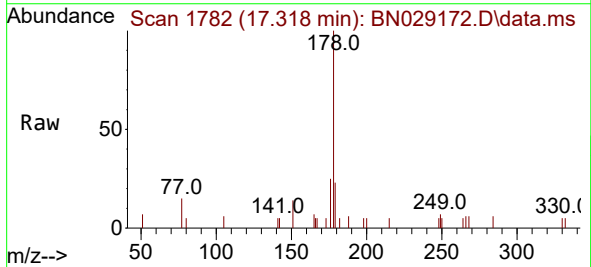
Instrument :
BNA_N
ClientSampleId :
PB157235BS

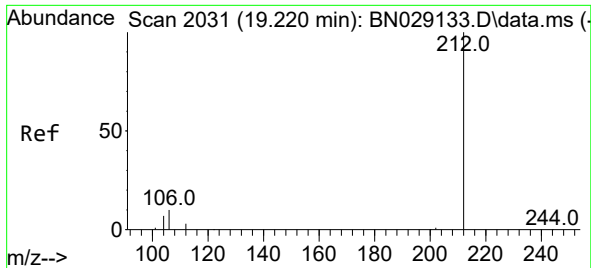
Tgt Ion:178 Resp: 1771
Ion Ratio Lower Upper
178 100
176 19.7 17.4 26.0
179 15.1 13.7 20.5



#26
Anthracene
Concen: 0.295 ng
RT: 17.318 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BN029172.D
Acq: 22 Dec 2023 04:41

Tgt Ion:178 Resp: 1733
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.8
179 15.6 11.4 17.0

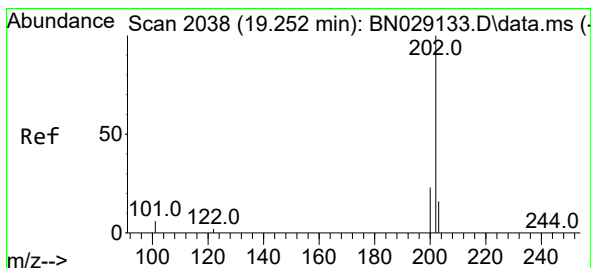
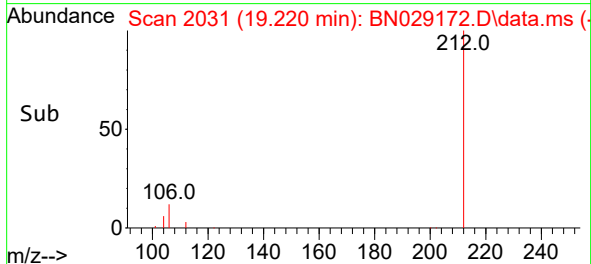
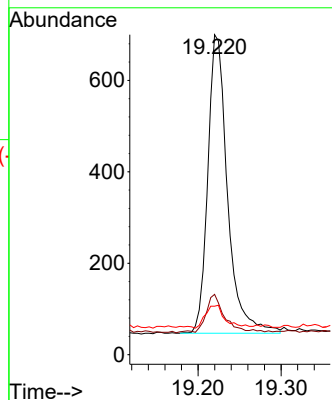
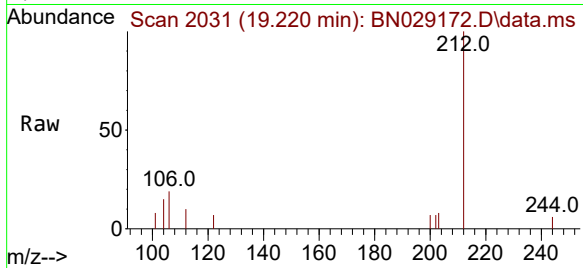




#27
Fluoranthene-d10
Concen: 0.302 ng
RT: 19.220 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BN029172.D
Acq: 22 Dec 2023 04:41

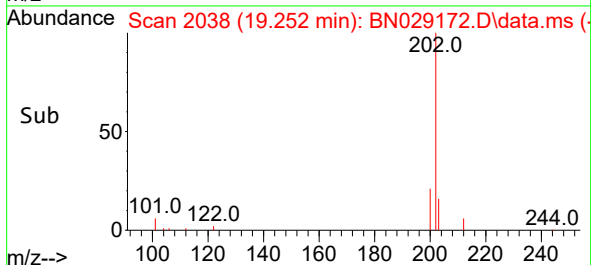
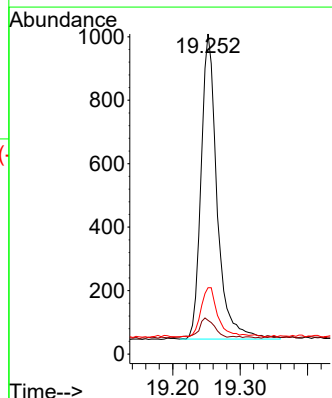
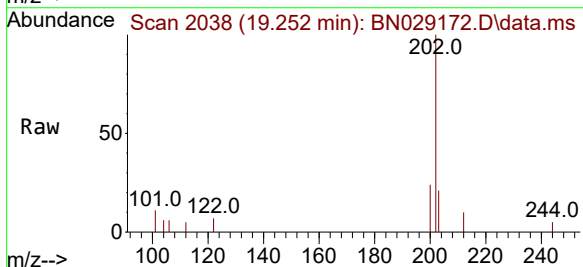
Instrument :
BNA_N
ClientSampleId :
PB157235BS

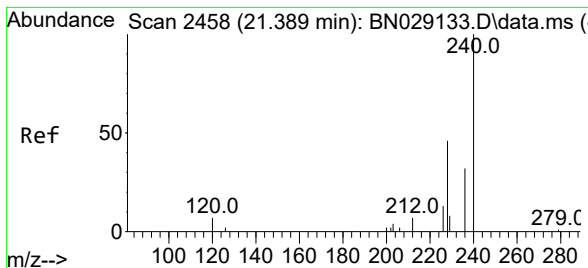
Tgt Ion:212 Resp: 1077
Ion Ratio Lower Upper
212 100
106 11.9 9.6 14.4
104 7.8 6.5 9.7



#28
Fluoranthene
Concen: 0.253 ng
RT: 19.252 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BN029172.D
Acq: 22 Dec 2023 04:41

Tgt Ion:202 Resp: 1590
Ion Ratio Lower Upper
202 100
101 6.4 5.3 7.9
203 17.0 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.394 min Scan# 2458

Delta R.T. 0.005 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

Instrument :

BNA_N

ClientSampleId :

PB157235BS

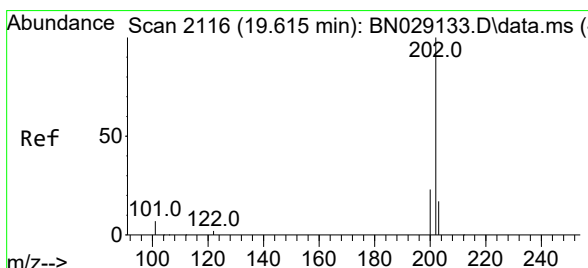
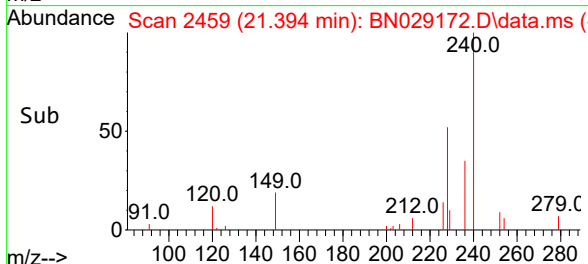
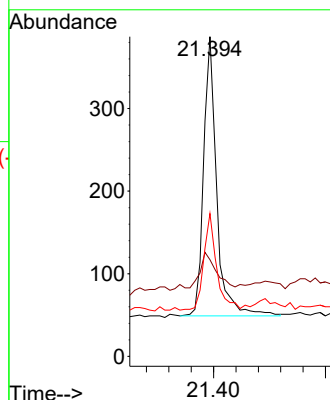
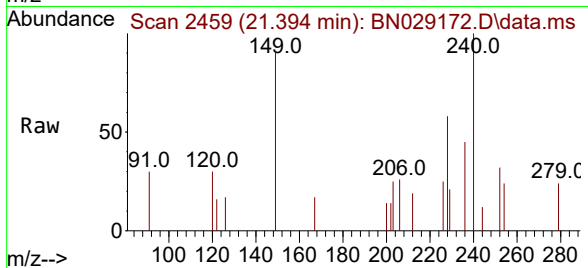
Tgt Ion:240 Resp: 550

Ion Ratio Lower Upper

240 100

120 30.2 21.4 32.0

236 44.7 33.5 50.3



#30

Pyrene

Concen: 0.358 ng

RT: 19.619 min Scan# 2117

Delta R.T. 0.005 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

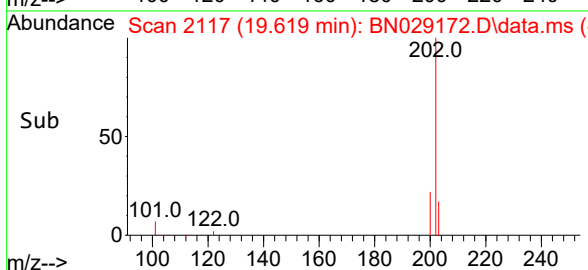
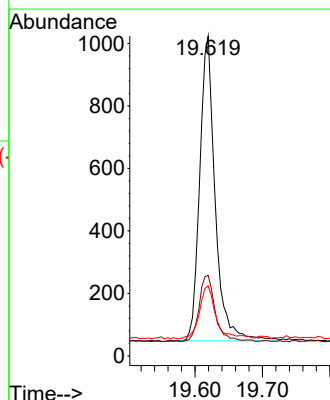
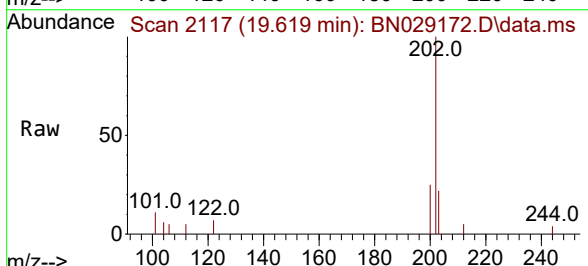
Tgt Ion:202 Resp: 1550

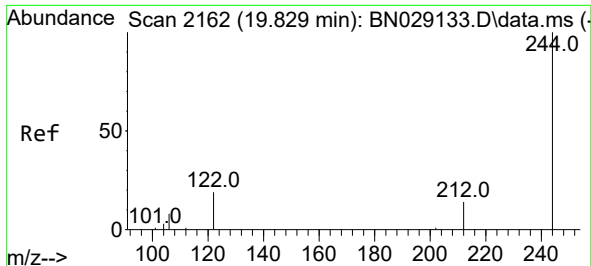
Ion Ratio Lower Upper

202 100

200 22.3 18.0 27.0

203 18.5 15.1 22.7

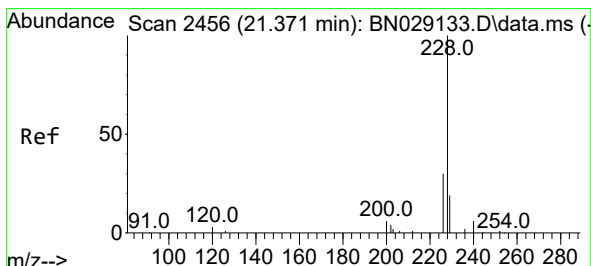
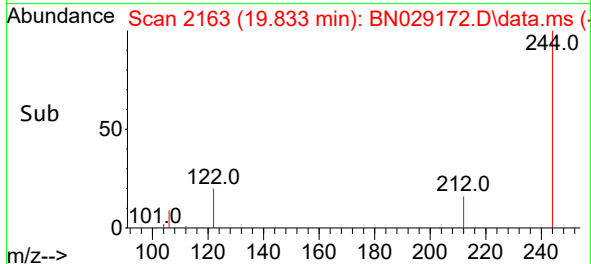
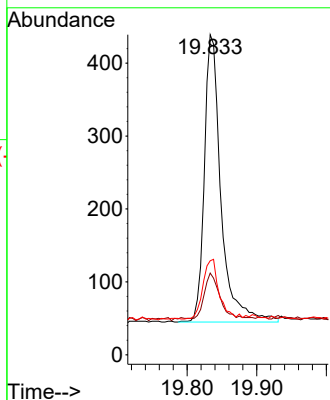
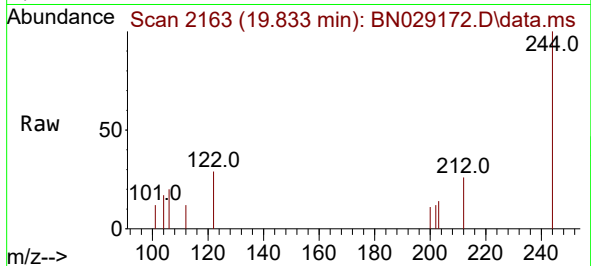




#31
 Terphenyl-d14
 Concen: 0.433 ng
 RT: 19.833 min Scan# 2163
 Delta R.T. 0.005 min
 Lab File: BN029172.D
 Acq: 22 Dec 2023 04:41

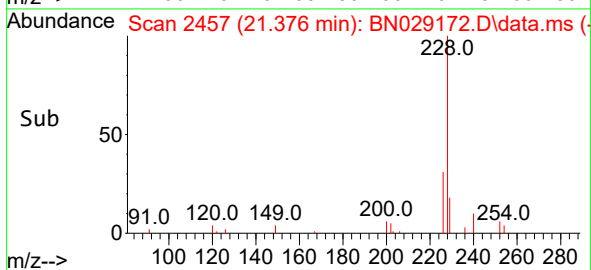
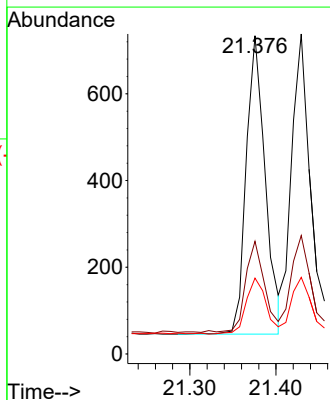
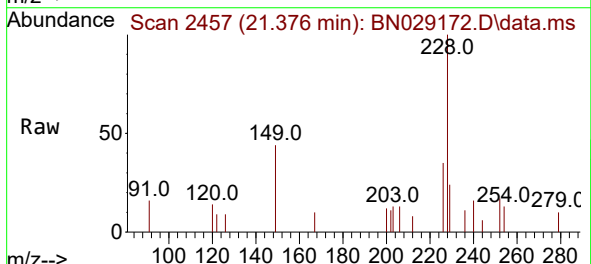
Instrument :
 BNA_N
 ClientSampleId :
 PB157235BS

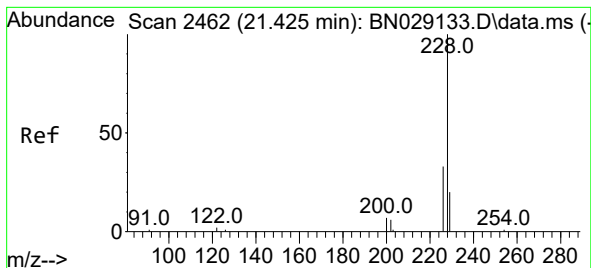
Tgt Ion:244 Resp: 654
 Ion Ratio Lower Upper
 244 100
 212 25.5 19.0 28.6
 122 29.4 22.5 33.7



#32
 Benzo(a)anthracene
 Concen: 0.350 ng
 RT: 21.376 min Scan# 2457
 Delta R.T. 0.005 min
 Lab File: BN029172.D
 Acq: 22 Dec 2023 04:41

Tgt Ion:228 Resp: 1058
 Ion Ratio Lower Upper
 228 100
 226 35.4 27.6 41.4
 229 23.8 19.4 29.0





#33

Chrysene

Concen: 0.358 ng

RT: 21.429 min Scan# 2463

Delta R.T. 0.005 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

Instrument :

BNA_N

ClientSampleId :

PB157235BS

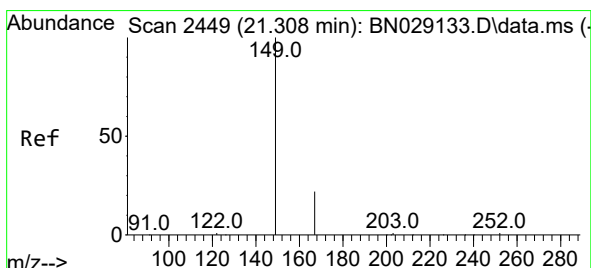
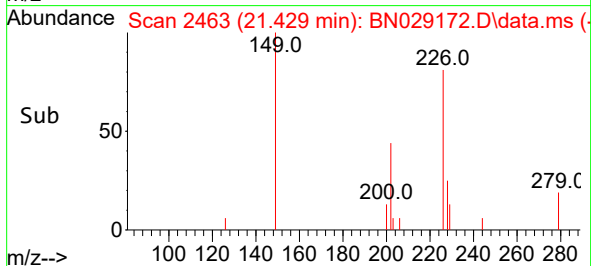
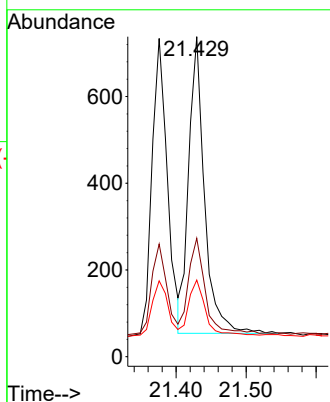
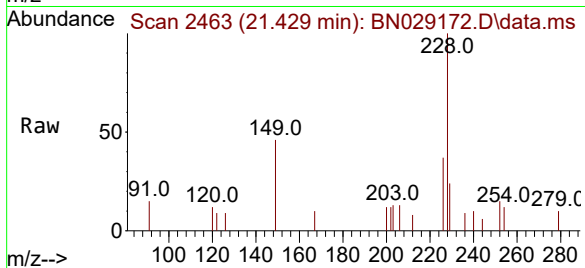
Tgt Ion:228 Resp: 1072

Ion Ratio Lower Upper

228 100

226 37.0 29.2 43.8

229 24.0 19.3 28.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.320 ng

RT: 21.313 min Scan# 2450

Delta R.T. 0.005 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

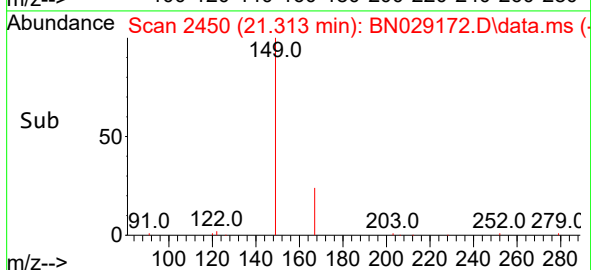
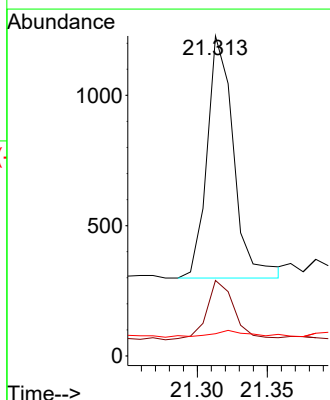
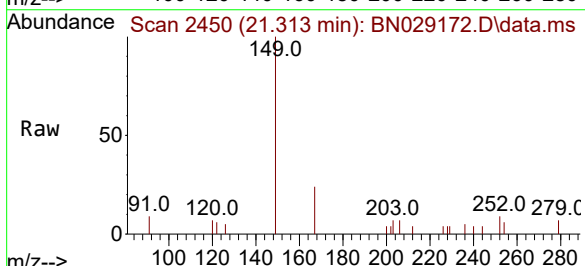
Tgt Ion:149 Resp: 1226

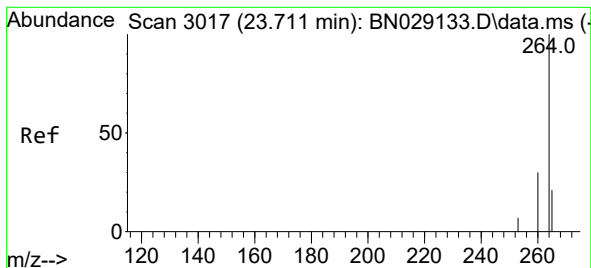
Ion Ratio Lower Upper

149 100

167 25.7 20.2 30.2

279 4.6 2.5 3.7#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.712 min Scan# 3017

Delta R.T. 0.001 min

Lab File: BN029172.D

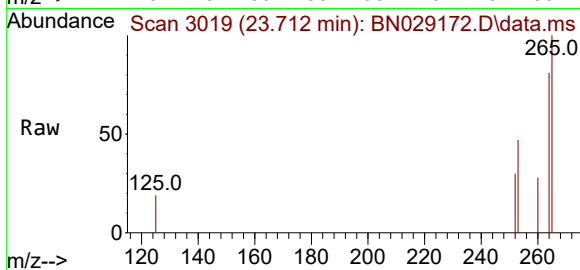
Acq: 22 Dec 2023 04:41

Instrument :

BNA_N

ClientSampleId :

PB157235BS



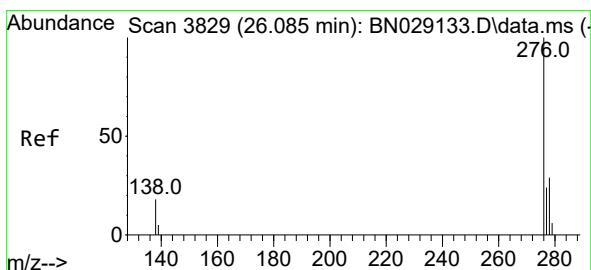
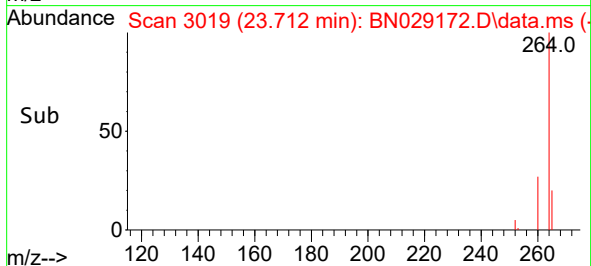
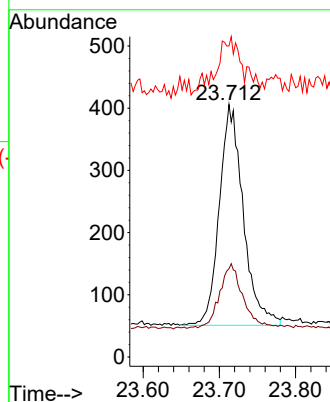
Tgt Ion:264 Resp: 776

Ion Ratio Lower Upper

264 100

260 35.0 31.0 46.6

265 123.2 105.3 157.9



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.381 ng

RT: 26.089 min Scan# 3832

Delta R.T. 0.004 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

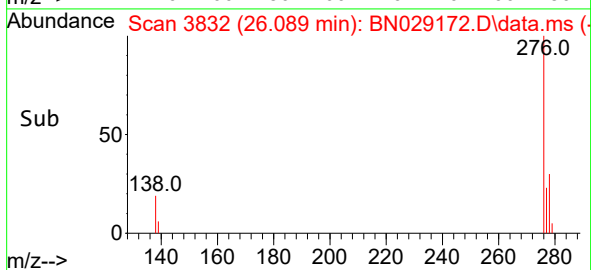
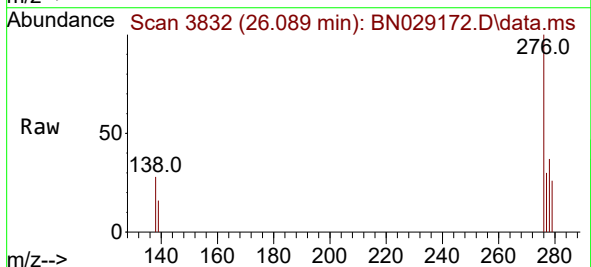
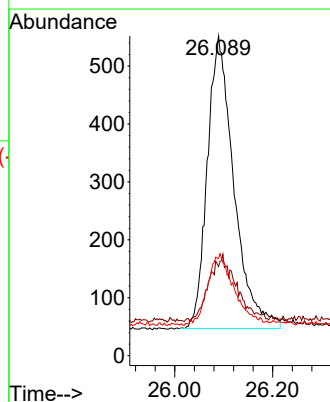
Tgt Ion:276 Resp: 1904

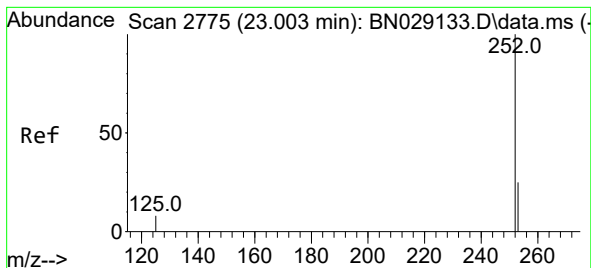
Ion Ratio Lower Upper

276 100

138 9.0 7.8 11.6

277 24.5 9.2 13.8#





#37

Benzo(b)fluoranthene

Concen: 0.331 ng

RT: 23.008 min Scan# 21

Delta R.T. 0.004 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

Instrument :

BNA_N

ClientSampleId :

PB157235BS

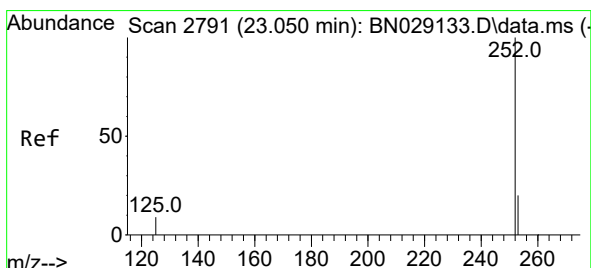
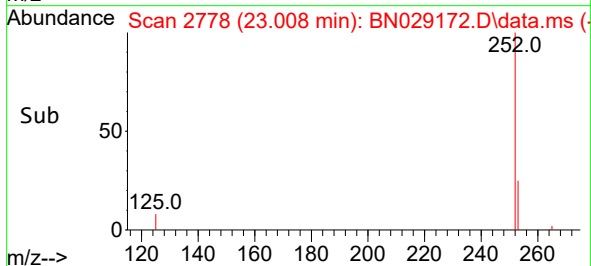
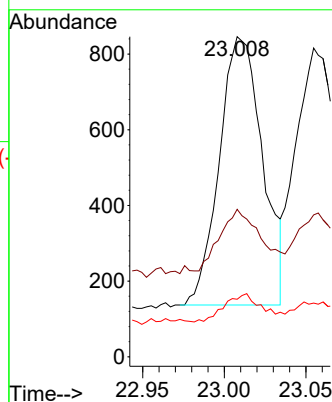
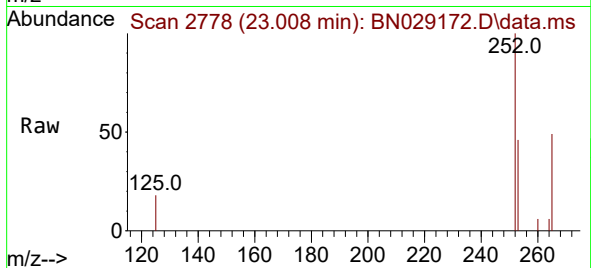
Tgt Ion:252 Resp: 1305

Ion Ratio Lower Upper

252 100

253 46.1 36.0 54.0

125 18.0 14.6 21.8



#38

Benzo(k)fluoranthene

Concen: 0.327 ng

RT: 23.055 min Scan# 2794

Delta R.T. 0.004 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

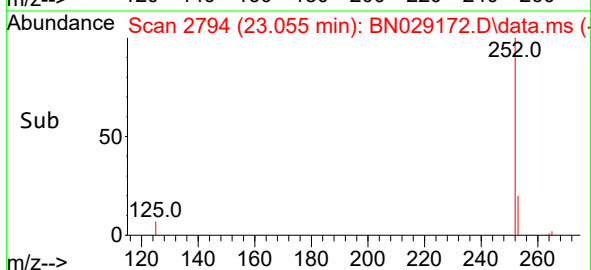
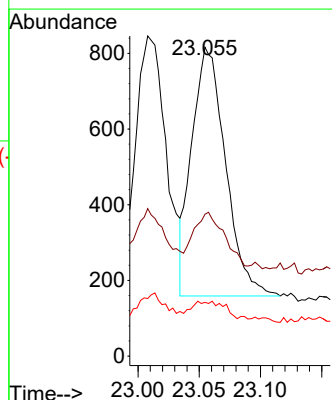
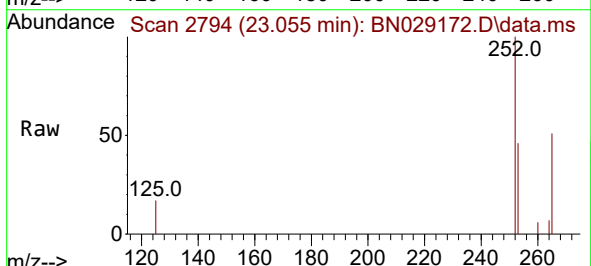
Tgt Ion:252 Resp: 1263

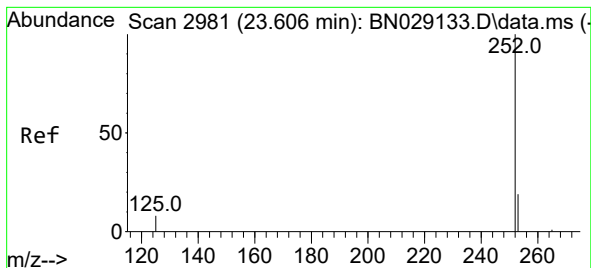
Ion Ratio Lower Upper

252 100

253 46.0 35.0 52.6

125 17.4 14.6 21.8





#39

Benzo(a)pyrene

Concen: 0.358 ng

RT: 23.610 min Scan# 2981

Delta R.T. 0.004 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

Instrument :

BNA_N

ClientSampleId :

PB157235BS

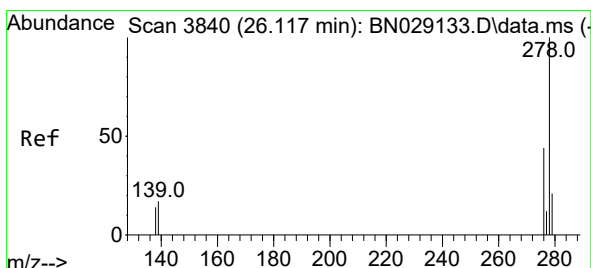
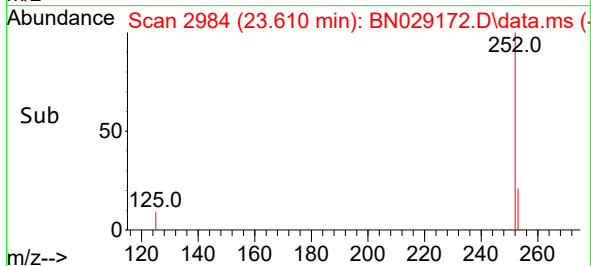
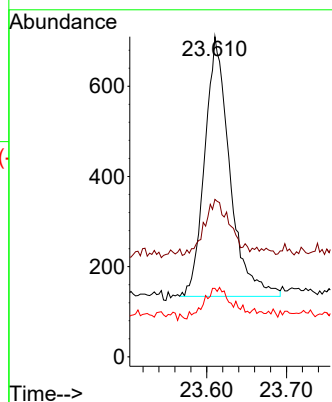
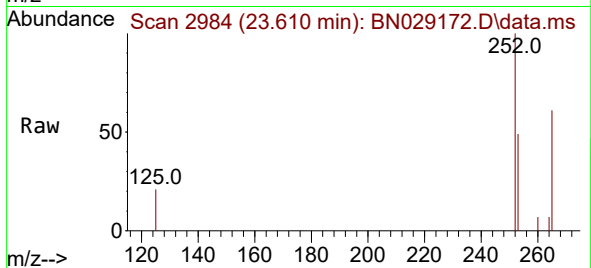
Tgt Ion:252 Resp: 1261

Ion Ratio Lower Upper

252 100

253 49.2 40.3 60.5

125 21.4 16.7 25.1



#40

Dibenzo(a,h)anthracene

Concen: 0.172 ng

RT: 26.113 min Scan# 3840

Delta R.T. -0.004 min

Lab File: BN029172.D

Acq: 22 Dec 2023 04:41

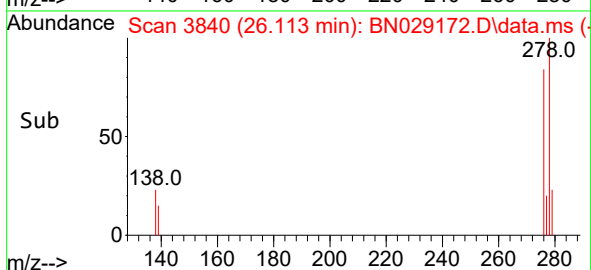
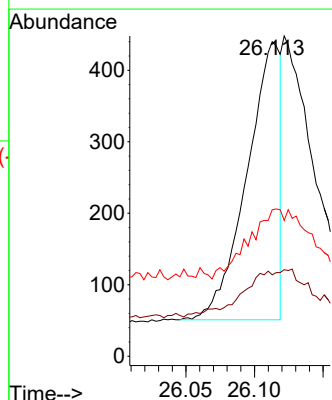
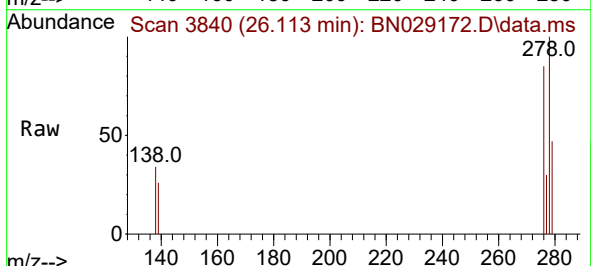
Tgt Ion:278 Resp: 660

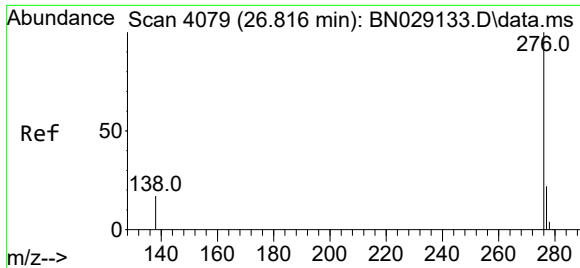
Ion Ratio Lower Upper

278 100

139 25.9 24.2 36.2

279 46.6 34.9 52.3





#41
Benzo(g,h,i)perylene
Concen: 0.375 ng
RT: 26.817 min Scan# 40
Delta R.T. 0.001 min
Lab File: BN029172.D
Acq: 22 Dec 2023 04:41

Instrument :
BNA_N
ClientSampleId :
PB157235BS

Tgt Ion:276 Resp: 1587
Ion Ratio Lower Upper
276 100
277 30.2 25.5 38.3
138 28.8 22.9 34.3

