

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122823\
 Data File : BN029219.D
 Acq On : 28 Dec 2023 18:00
 Operator : MA/JU
 Sample : 05967-13MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COLTOMSD

Quant Time: Dec 29 01:39:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 28 01:20:47 2023
 Response via : Initial Calibration

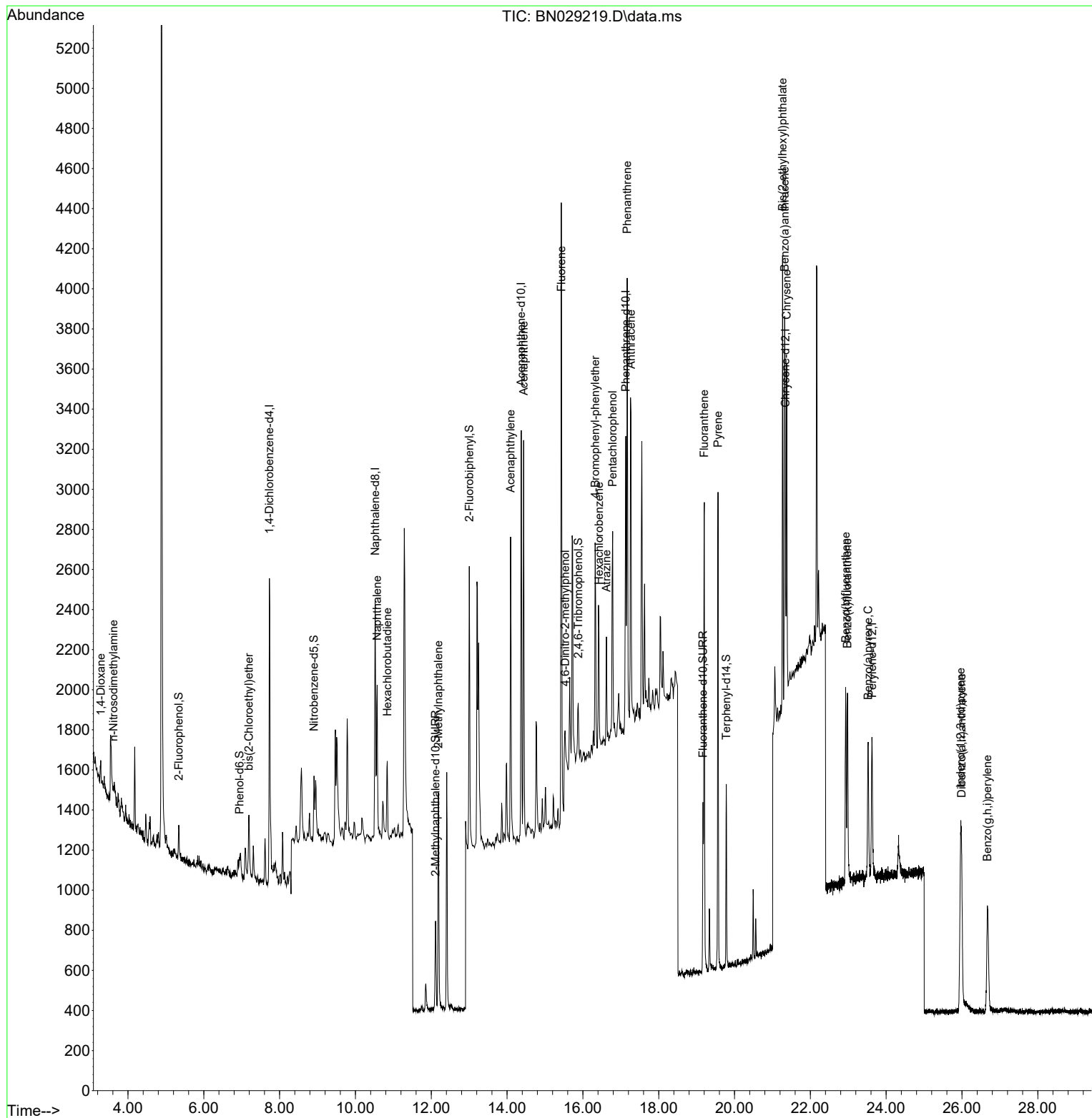
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	806	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	1716	0.400	ng	0.00
13) Acenaphthene-d10	14.372	164	1167	0.400	ng	0.00
19) Phenanthrene-d10	17.131	188	1969	0.400	ng	0.00
29) Chrysene-d12	21.340	240	847	0.400	ng	# 0.00
35) Perylene-d12	23.628	264	912	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	146	0.078	ng	0.00
5) Phenol-d6	6.944	99	109	0.052	ng	0.00
8) Nitrobenzene-d5	8.907	82	418	0.194	ng	0.00
11) 2-Methylnaphthalene-d10	12.113	152	747	0.252	ng	0.00
14) 2,4,6-Tribromophenol	15.878	330	155	0.172	ng	0.00
15) 2-Fluorobiphenyl	13.004	172	1276	0.204	ng	0.00
27) Fluoranthene-d10	19.169	212	962	0.240	ng	0.00
31) Terphenyl-d14	19.782	244	794	0.302	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.283	88	62	0.085	ng	# 24
3) n-Nitrosodimethylamine	3.615	42	74	0.120	ng	# 42
6) bis(2-Chloroethyl)ether	7.190	93	267	0.186	ng	93
9) Naphthalene	10.573	128	1090	0.209	ng	99
10) Hexachlorobutadiene	10.840	225	265	0.178	ng	# 94
12) 2-Methylnaphthalene	12.189	142	800	0.208	ng	96
16) Acenaphthylene	14.094	152	1657	0.216	ng	99
17) Acenaphthene	14.436	154	933	0.197	ng	98
18) Fluorene	15.430	166	1501	0.219	ng	89
20) 4,6-Dinitro-2-methylph...	15.530	198	143	0.250	ng	# 78
21) 4-Bromophenyl-phenylether	16.324	248	384	0.226	ng	# 71
22) Hexachlorobenzene	16.424	284	452	0.226	ng	96
23) Atrazine	16.622	200	436	0.264	ng	92
24) Pentachlorophenol	16.784	266	506	0.390	ng	90
25) Phenanthrene	17.168	178	2234	0.256	ng	96
26) Anthracene	17.268	178	2144	0.252	ng	99
28) Fluoranthene	19.201	202	2126	0.272	ng	# 97
30) Pyrene	19.564	202	2162	0.253	ng	99
32) Benzo(a)anthracene	21.322	228	1370	0.280	ng	98
33) Chrysene	21.375	228	1298	0.266	ng	96
34) Bis(2-ethylhexyl)phtha...	21.268	149	2115	0.298	ng	96
36) Indeno(1,2,3-cd)pyrene	25.964	276	1470	0.232	ng	95
37) Benzo(b)fluoranthene	22.932	252	1313	0.266	ng	97
38) Benzo(k)fluoranthene	22.978	252	1295	0.271	ng	93
39) Benzo(a)pyrene	23.522	252	1053	0.235	ng	93
40) Dibenzo(a,h)anthracene	25.987	278	1111	0.230	ng	96
41) Benzo(g,h,i)perylene	26.671	276	1204	0.225	ng	95

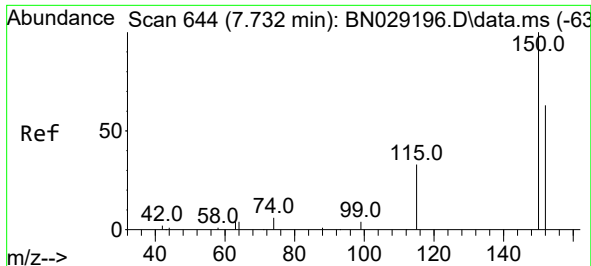
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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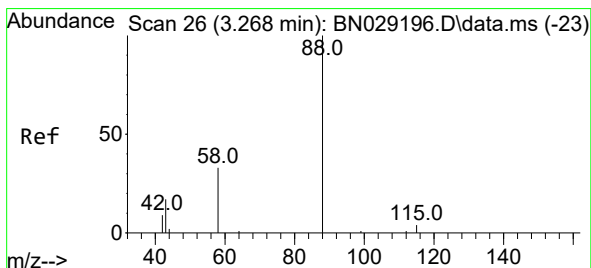
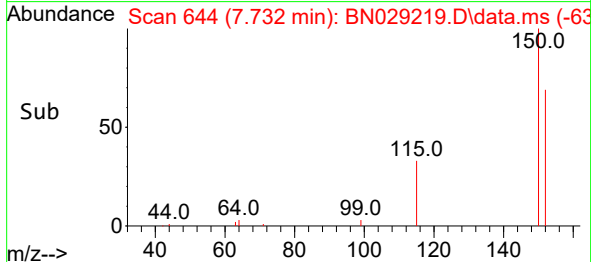
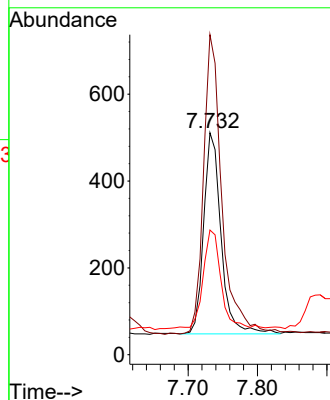
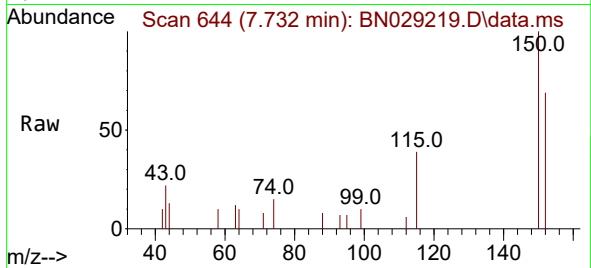




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.732 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN029219.D
 Acq: 28 Dec 2023 18:00

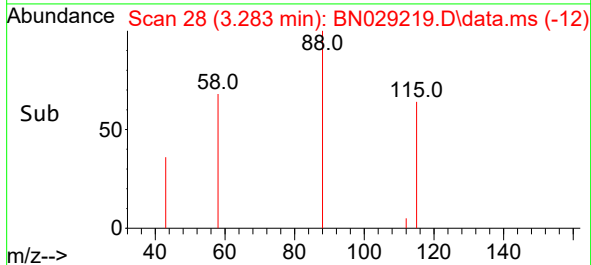
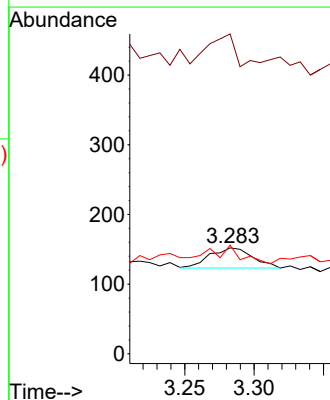
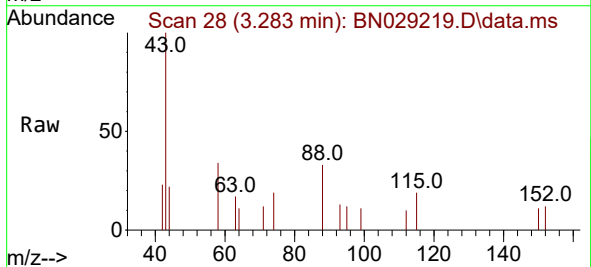
Instrument :
 BNA_N
 ClientSampleId :
 COLTOMSD

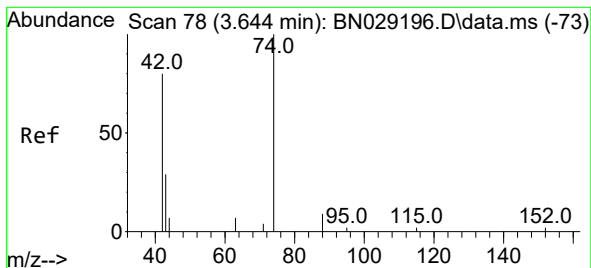
Tgt Ion:152 Resp: 806
 Ion Ratio Lower Upper
 152 100
 150 144.2 122.2 183.2
 115 56.2 48.2 72.4



#2
 1,4-Dioxane
 Concen: 0.085 ng
 RT: 3.283 min Scan# 28
 Delta R.T. 0.014 min
 Lab File: BN029219.D
 Acq: 28 Dec 2023 18:00

Tgt Ion: 88 Resp: 62
 Ion Ratio Lower Upper
 88 100
 43 90.3 19.0 28.4#
 58 14.5 23.1 34.7#





#3

n-Nitrosodimethylamine

Concen: 0.120 ng

RT: 3.615 min Scan# 74

Delta R.T. -0.029 min

Lab File: BN029219.D

Acq: 28 Dec 2023 18:00

Instrument :

BNA_N

ClientSampleId :

COLTOMSD

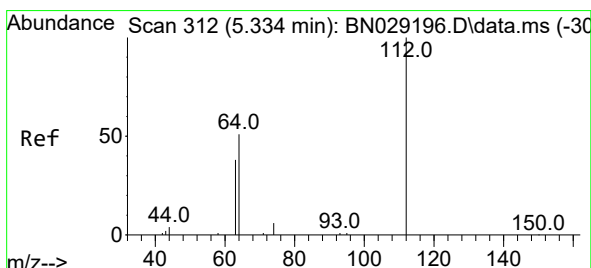
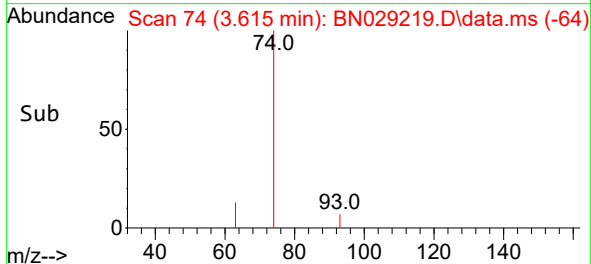
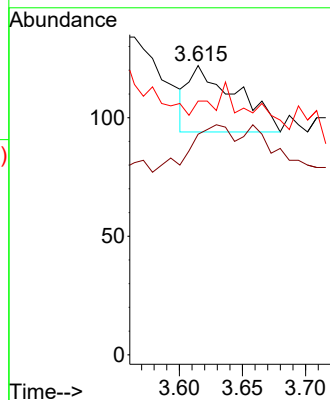
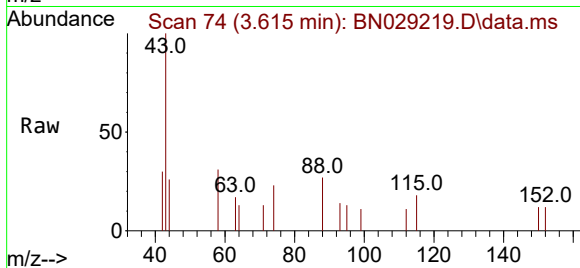
Tgt Ion: 42 Resp: 74

Ion Ratio Lower Upper

42 100

74 62.2 106.8 160.2#

44 0.0 5.6 8.4#



#4

2-Fluorophenol

Concen: 0.078 ng

RT: 5.341 min Scan# 313

Delta R.T. 0.007 min

Lab File: BN029219.D

Acq: 28 Dec 2023 18:00

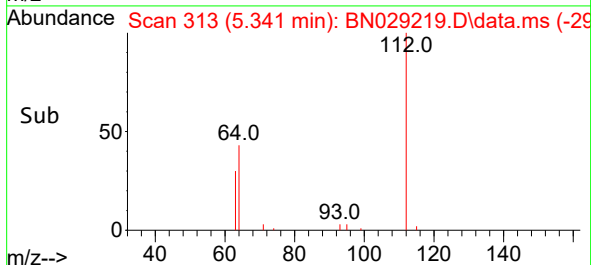
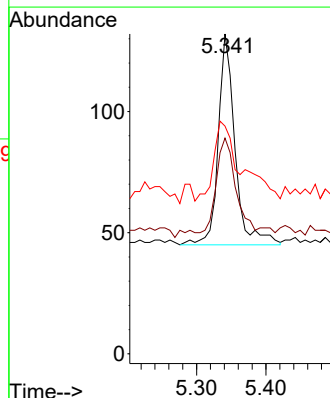
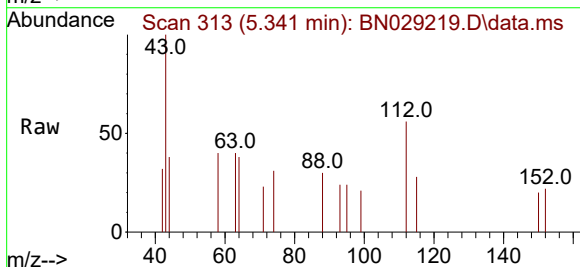
Tgt Ion: 112 Resp: 146

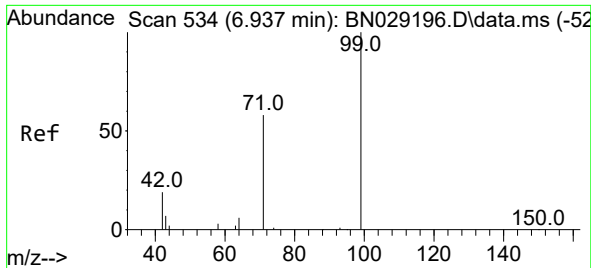
Ion Ratio Lower Upper

112 100

64 58.9 38.8 58.2#

63 43.8 30.6 45.8

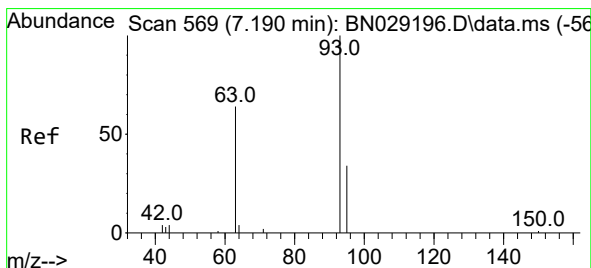
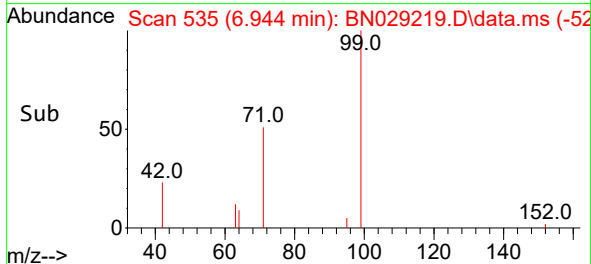
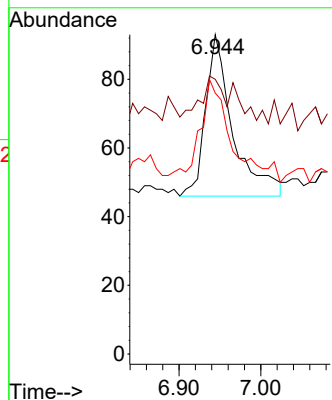
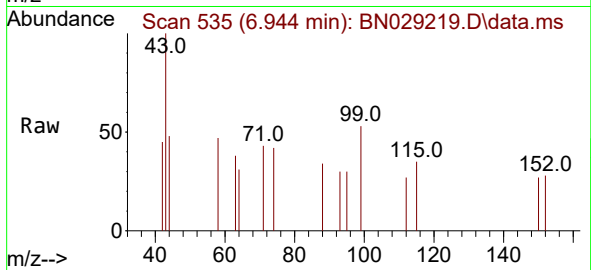




#5
Phenol-d6
Concen: 0.052 ng
RT: 6.944 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN029219.D
Acq: 28 Dec 2023 18:00

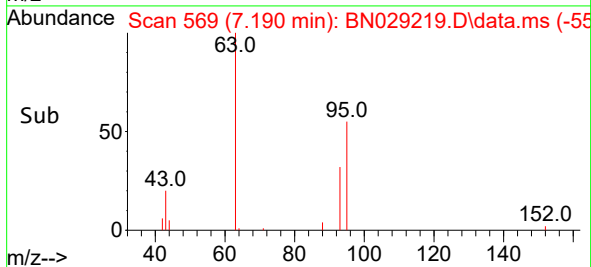
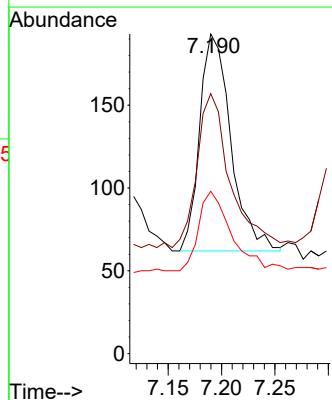
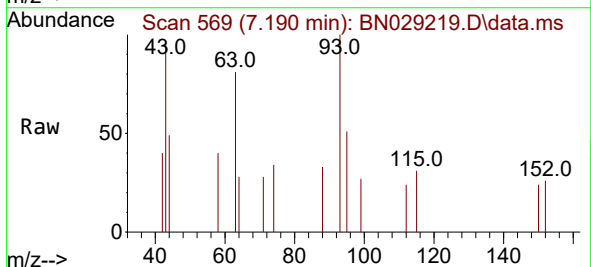
Instrument :
BNA_N
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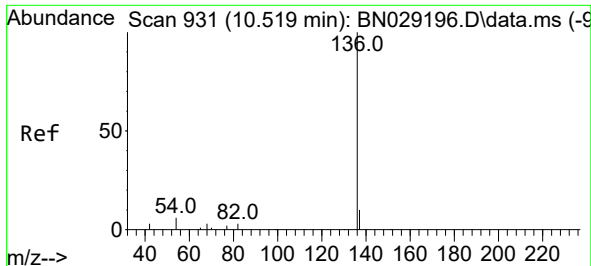
Tgt Ion: 99 Resp: 109
Ion Ratio Lower Upper
99 100
42 18.3 18.3 27.5
71 75.2 48.6 73.0#



#6
bis(2-Chloroethyl)ether
Concen: 0.186 ng
RT: 7.190 min Scan# 569
Delta R.T. -0.000 min
Lab File: BN029219.D
Acq: 28 Dec 2023 18:00

Tgt Ion: 93 Resp: 267
Ion Ratio Lower Upper
93 100
63 76.8 56.6 85.0
95 41.2 29.9 44.9

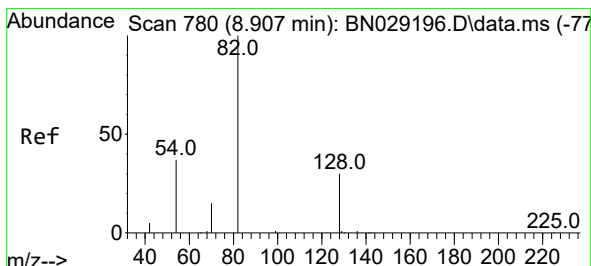
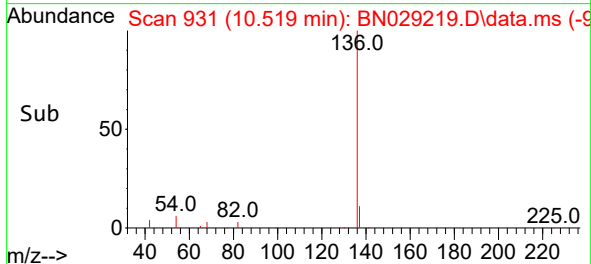
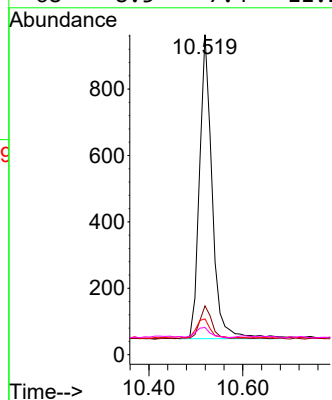
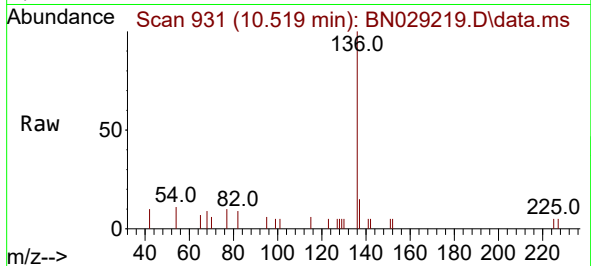




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN029219.D
Acq: 28 Dec 2023 18:00

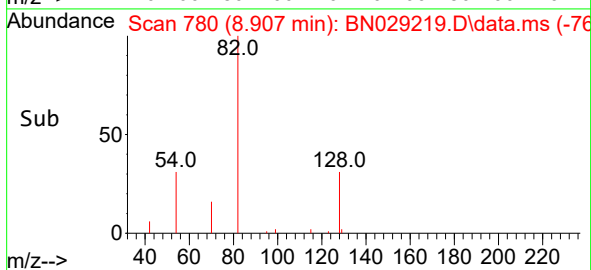
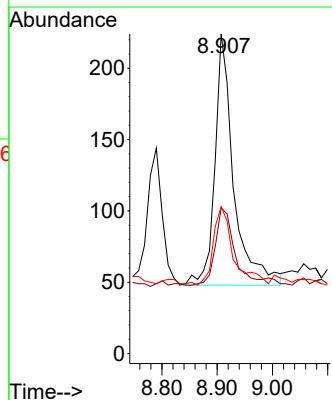
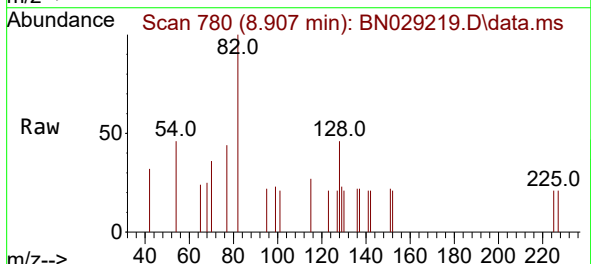
Instrument :
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ClientSampleId :
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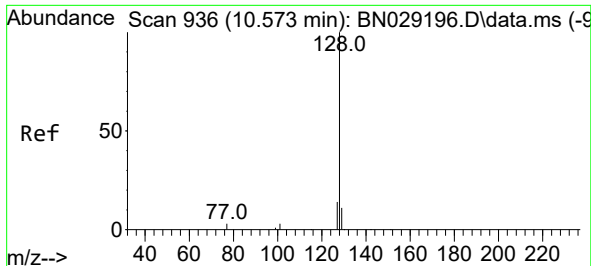
Tgt Ion:	136	Resp:	1716
Ion	Ratio	Lower	Upper
136	100		
137	15.2	13.0	19.4
54	11.2	9.8	14.6
68	8.5	7.4	11.2



#8
Nitrobenzene-d5
Concen: 0.194 ng
RT: 8.907 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN029219.D
Acq: 28 Dec 2023 18:00

Tgt Ion:	82	Resp:	418
Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.2	51.2
54	46.0	38.8	58.2

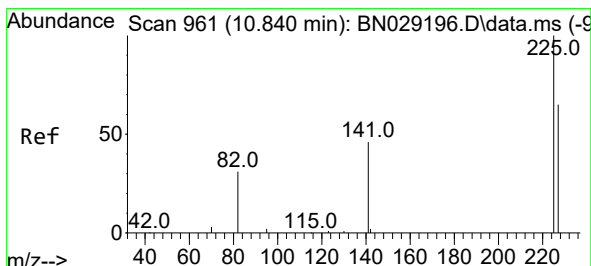
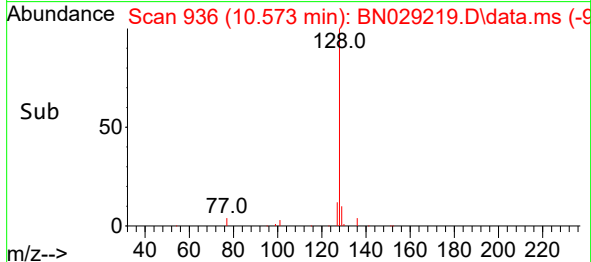
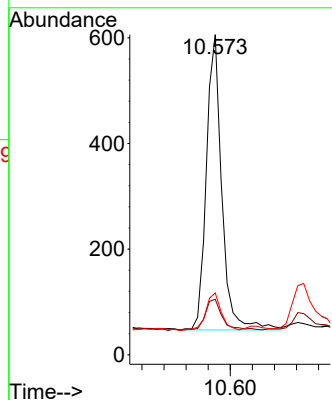
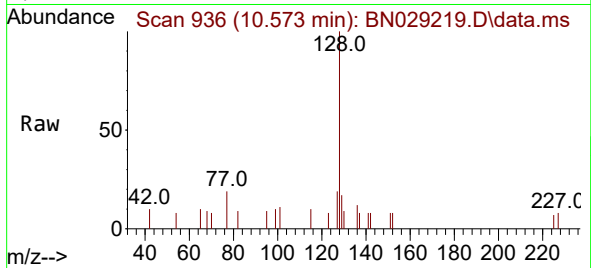




#9
Naphthalene
Concen: 0.209 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN029219.D
Acq: 28 Dec 2023 18:00

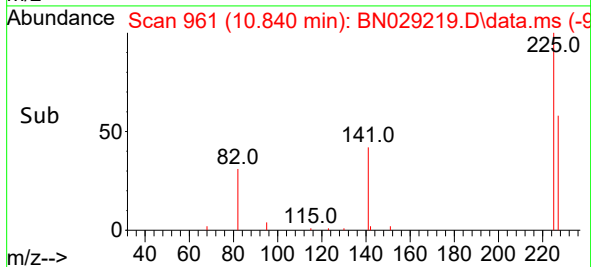
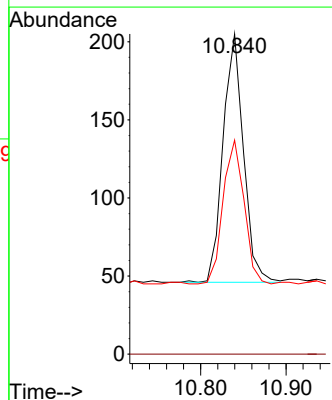
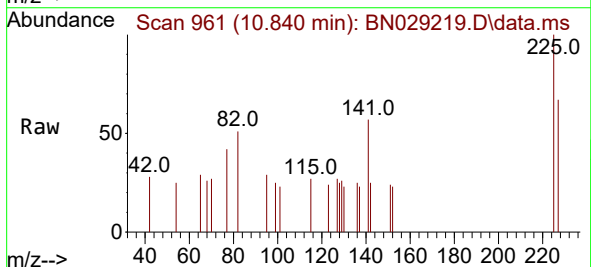
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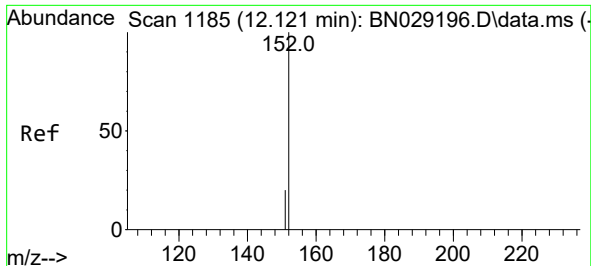
Tgt Ion:	128	Resp:	1090
Ion	Ratio	Lower	Upper
128	100		
129	17.3	13.4	20.2
127	19.3	15.5	23.3



#10
Hexachlorobutadiene
Concen: 0.178 ng
RT: 10.840 min Scan# 961
Delta R.T. -0.000 min
Lab File: BN029219.D
Acq: 28 Dec 2023 18:00

Tgt Ion:	225	Resp:	265
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	59.2	51.0	76.6

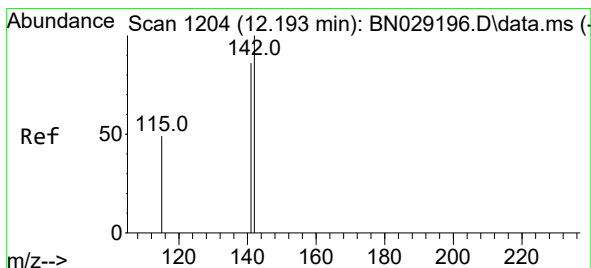
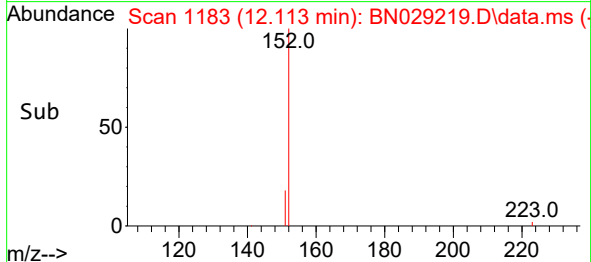
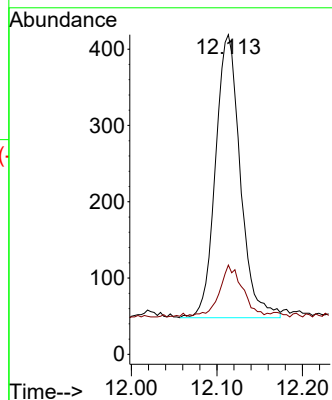
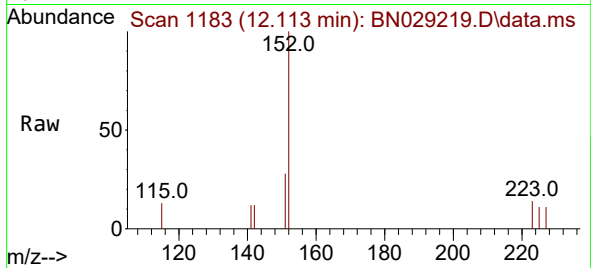




#11
2-Methylnaphthalene-d10
Concen: 0.252 ng
RT: 12.113 min Scan# 1183
Delta R.T. -0.008 min
Lab File: BN029219.D
Acq: 28 Dec 2023 18:00

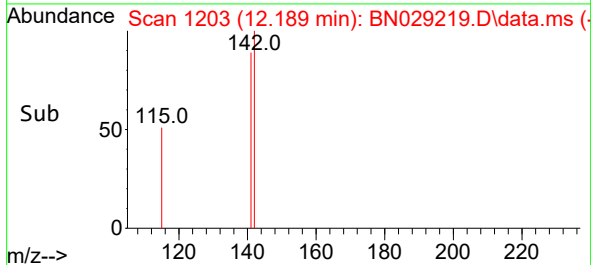
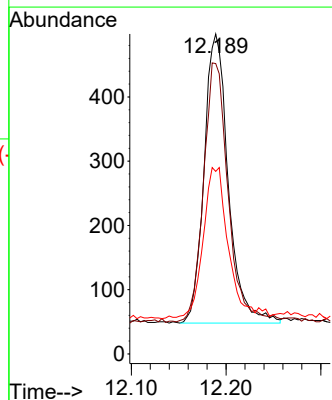
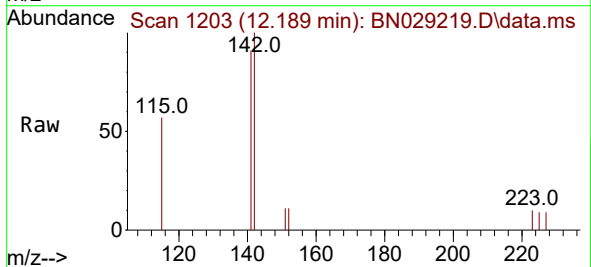
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BNA_N
ClientSampleId :
COLTOMSD

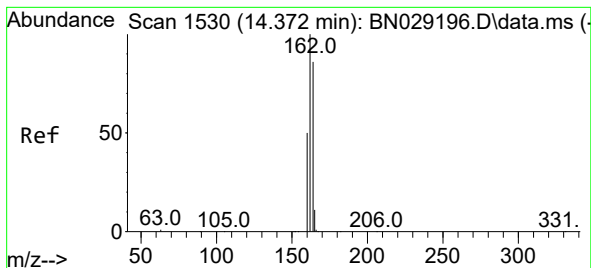
Tgt Ion:152 Resp: 747
Ion Ratio Lower Upper
152 100
151 16.1 16.6 24.8#



#12
2-Methylnaphthalene
Concen: 0.208 ng
RT: 12.189 min Scan# 1203
Delta R.T. -0.004 min
Lab File: BN029219.D
Acq: 28 Dec 2023 18:00

Tgt Ion:142 Resp: 800
Ion Ratio Lower Upper
142 100
141 90.8 69.8 104.6
115 57.0 43.2 64.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.372 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BN029219.D

Acq: 28 Dec 2023 18:00

Instrument :

BNA_N

ClientSampleId :

COLTOMSD

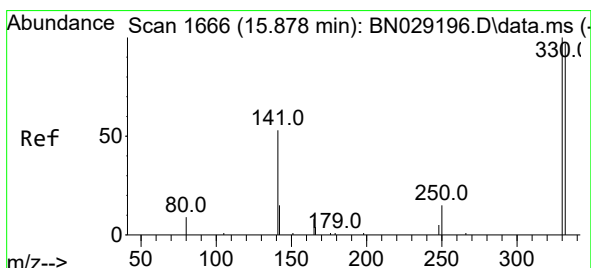
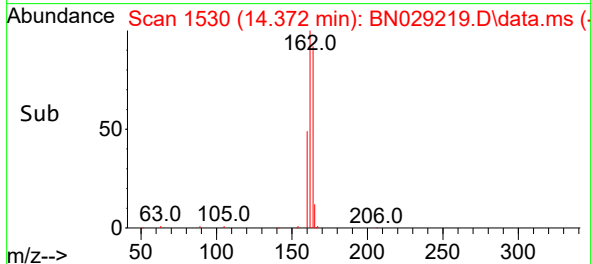
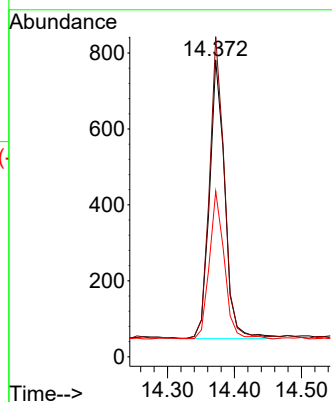
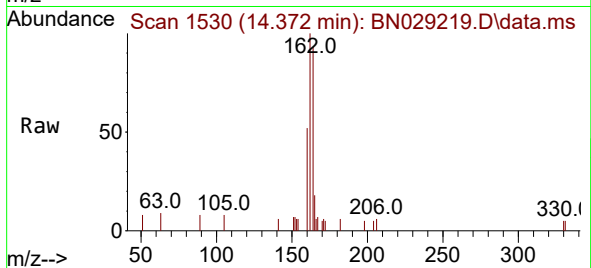
Tgt Ion:164 Resp: 1167

Ion Ratio Lower Upper

164 100

162 107.8 91.8 137.8

160 55.8 49.4 74.2



#14

2,4,6-Tribromophenol

Concen: 0.172 ng

RT: 15.878 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BN029219.D

Acq: 28 Dec 2023 18:00

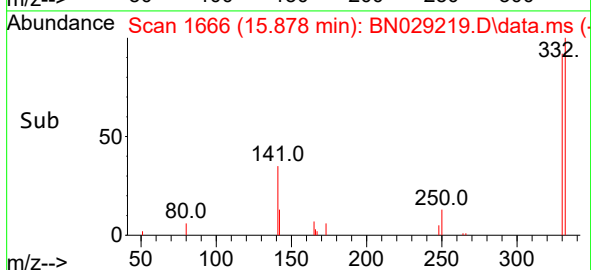
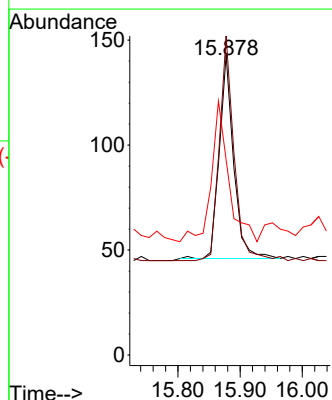
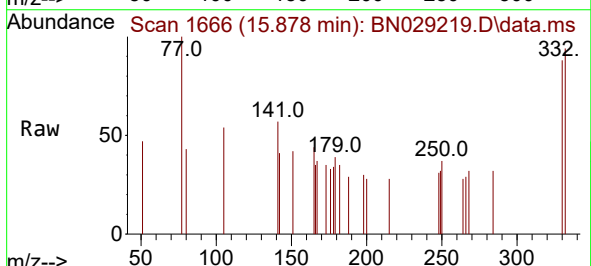
Tgt Ion:330 Resp: 155

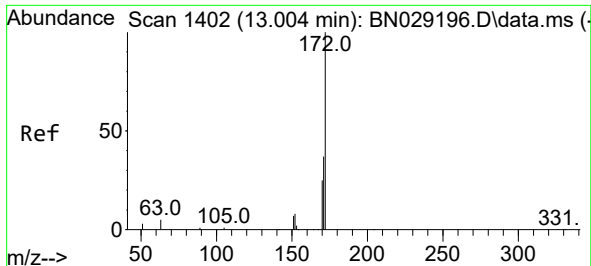
Ion Ratio Lower Upper

330 100

332 112.9 74.4 111.6#

141 82.6 46.7 70.1#

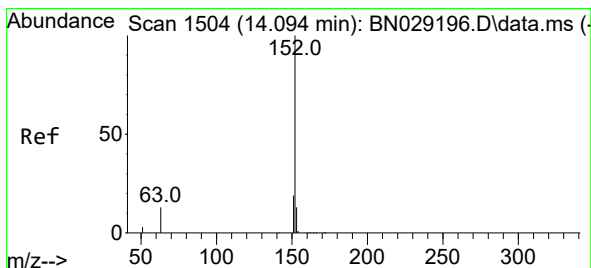
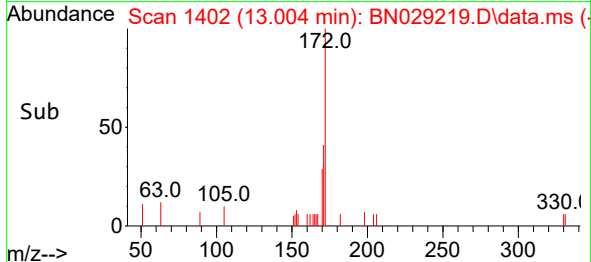
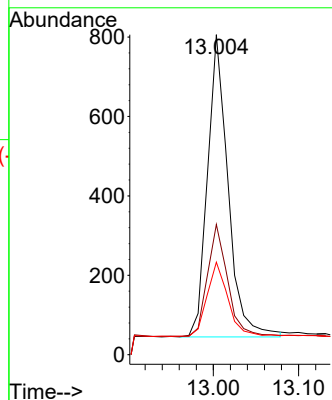
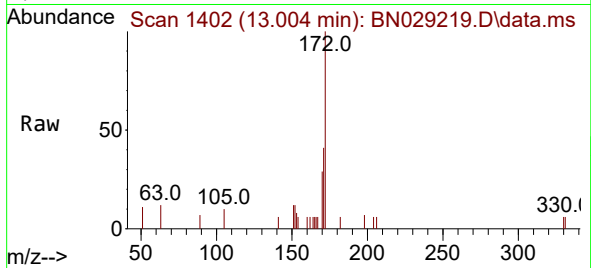




#15
2-Fluorobiphenyl
Concen: 0.204 ng
RT: 13.004 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BN029219.D
Acq: 28 Dec 2023 18:00

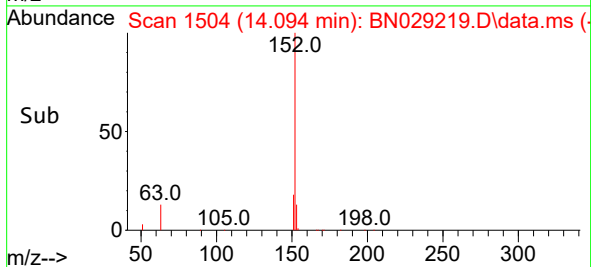
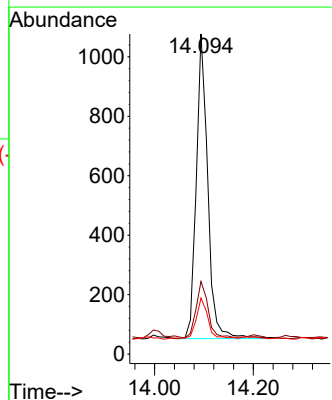
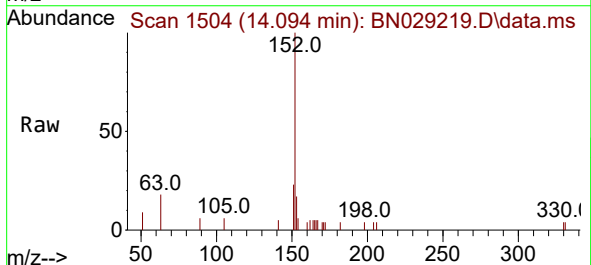
Instrument :
BNA_N
ClientSampleId :
COLTOMSD

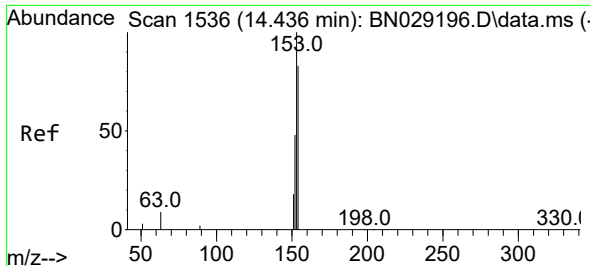
Tgt Ion:172 Resp: 1276
Ion Ratio Lower Upper
172 100
171 40.7 32.8 49.2
170 28.9 24.0 36.0



#16
Acenaphthylene
Concen: 0.216 ng
RT: 14.094 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BN029219.D
Acq: 28 Dec 2023 18:00

Tgt Ion:152 Resp: 1657
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 14.4 10.8 16.2

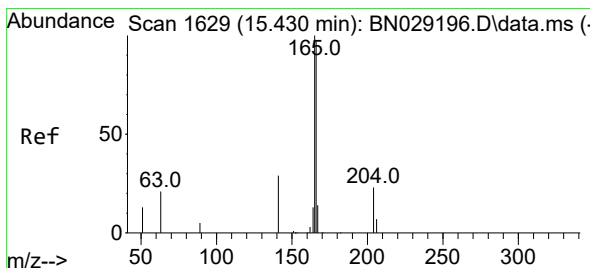
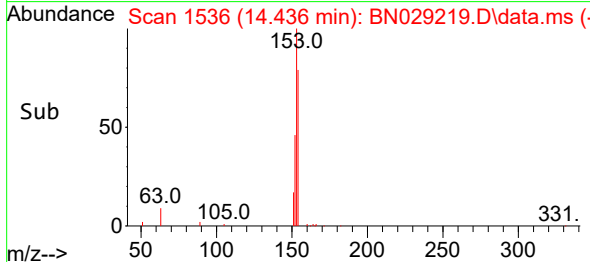
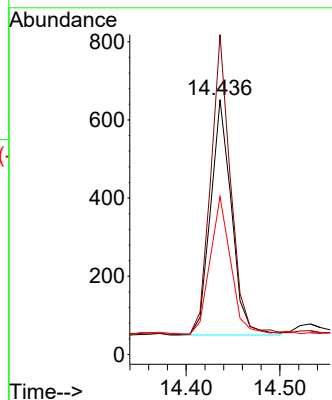
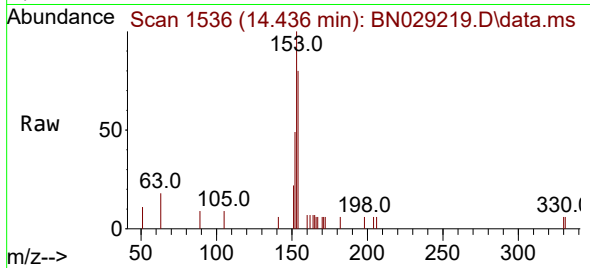




#17
Acenaphthene
Concen: 0.197 ng
RT: 14.436 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BN029219.D
Acq: 28 Dec 2023 18:00

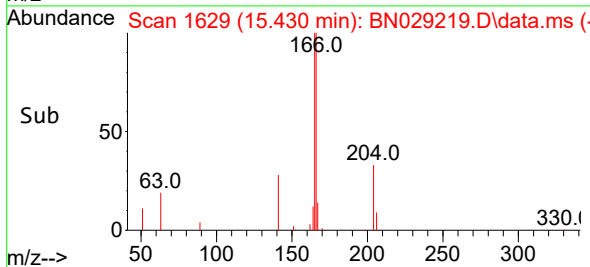
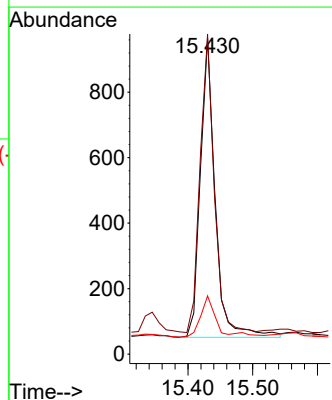
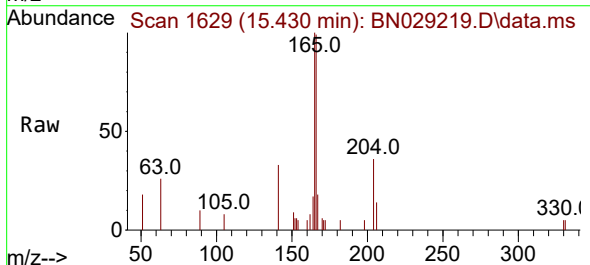
Instrument :
BNA_N
ClientSampleId :
COLTOMSD

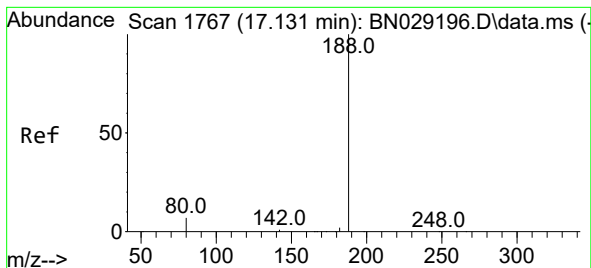
Tgt Ion:154 Resp: 933
Ion Ratio Lower Upper
154 100
153 121.1 94.6 141.8
152 56.7 46.4 69.6



#18
Fluorene
Concen: 0.219 ng
RT: 15.430 min Scan# 1629
Delta R.T. -0.000 min
Lab File: BN029219.D
Acq: 28 Dec 2023 18:00

Tgt Ion:166 Resp: 1501
Ion Ratio Lower Upper
166 100
165 91.1 82.8 124.2
167 12.5 11.4 17.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.131 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN029219.D

Acq: 28 Dec 2023 18:00

Instrument :

BNA_N

ClientSampleId :

COLTOMSD

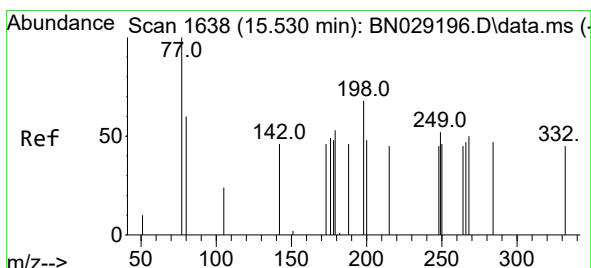
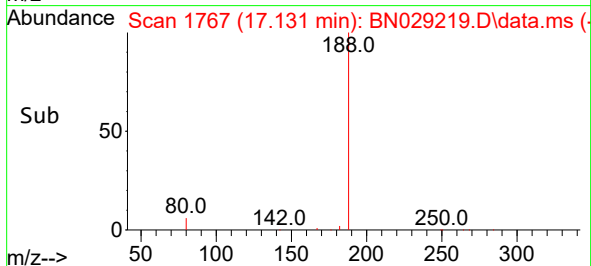
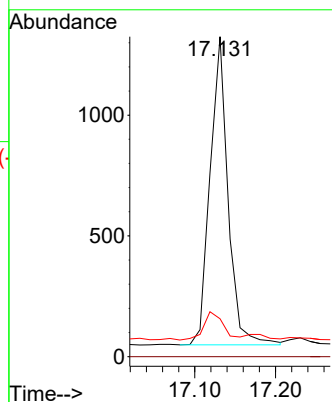
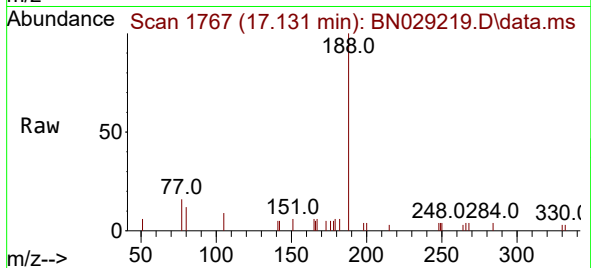
Tgt Ion:188 Resp: 1969

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.8 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.250 ng

RT: 15.530 min Scan# 1638

Delta R.T. 0.000 min

Lab File: BN029219.D

Acq: 28 Dec 2023 18:00

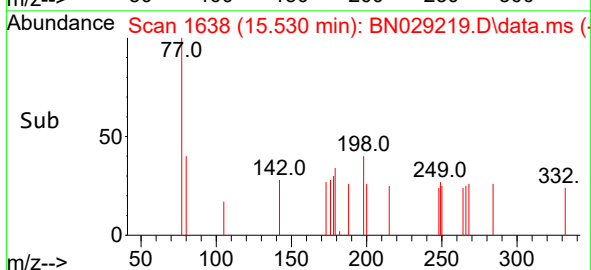
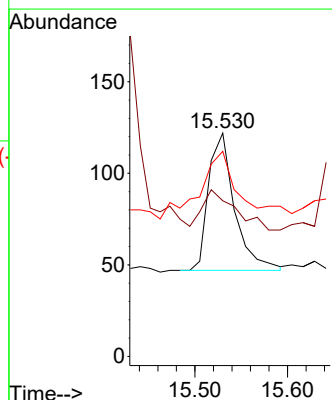
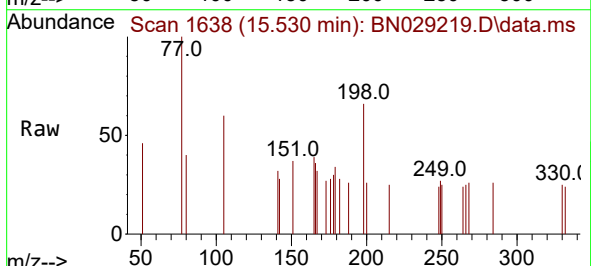
Tgt Ion:198 Resp: 143

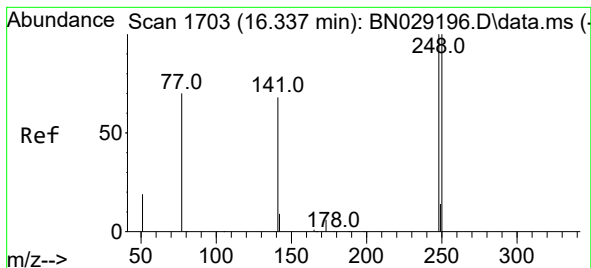
Ion Ratio Lower Upper

198 100

51 69.7 47.4 71.2

105 91.8 54.5 81.7#

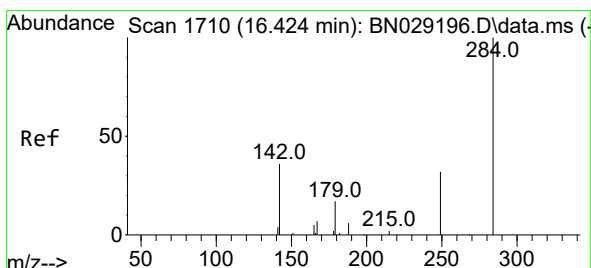
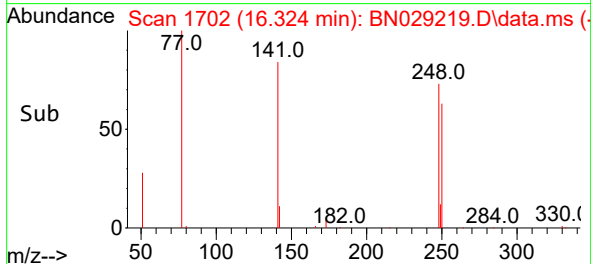
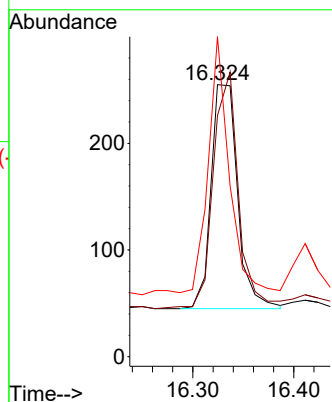
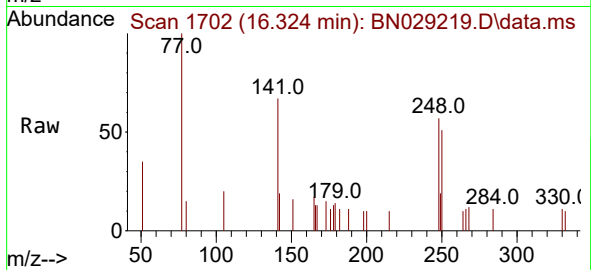




#21
4-Bromophenyl-phenylether
Concen: 0.226 ng
RT: 16.324 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BN029219.D
Acq: 28 Dec 2023 18:00

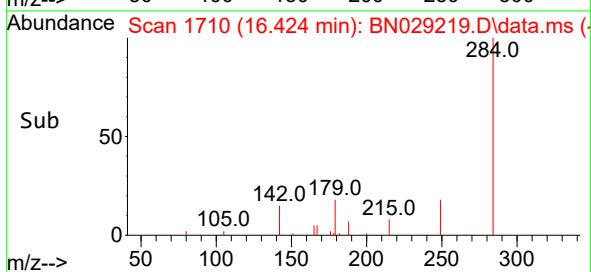
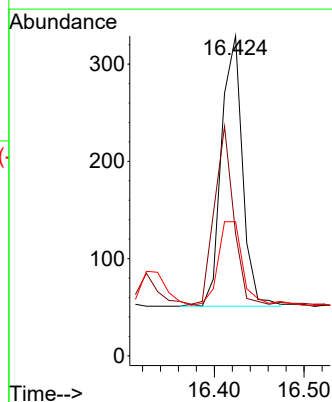
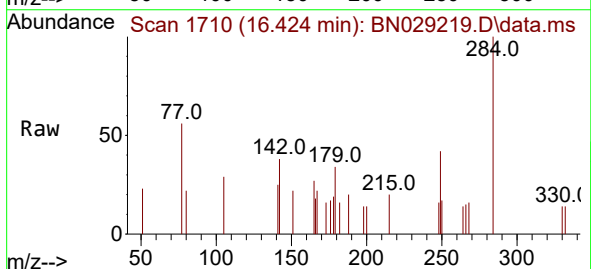
Instrument :
BNA_N
ClientSampleId :
COLTOMSD

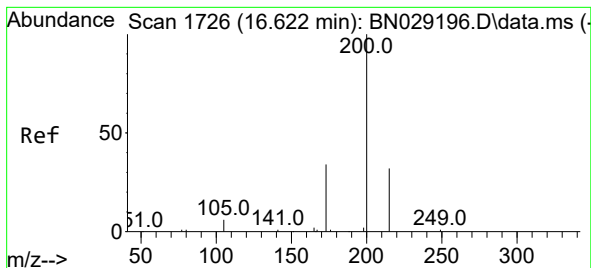
Tgt Ion:248 Resp: 384
Ion Ratio Lower Upper
248 100
250 88.6 80.8 121.2
141 117.6 58.6 87.8#



#22
Hexachlorobenzene
Concen: 0.226 ng
RT: 16.424 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN029219.D
Acq: 28 Dec 2023 18:00

Tgt Ion:284 Resp: 452
Ion Ratio Lower Upper
284 100
142 59.5 49.9 74.9
249 35.8 26.3 39.5





#23

Atrazine

Concen: 0.264 ng

RT: 16.622 min Scan# 1726

Delta R.T. -0.000 min

Lab File: BN029219.D

Acq: 28 Dec 2023 18:00

Instrument :

BNA_N

ClientSampleId :

COLTOMSD

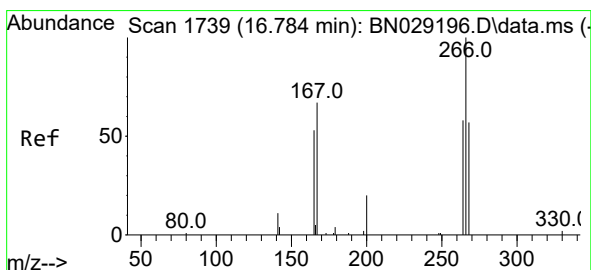
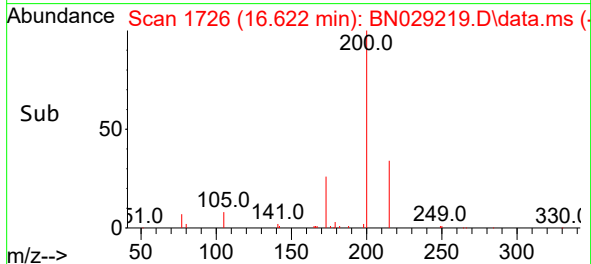
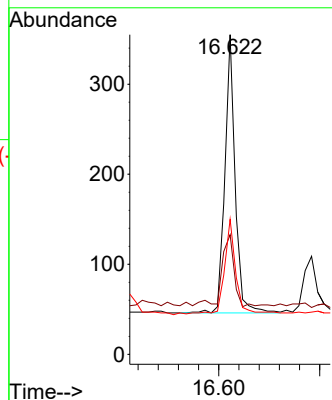
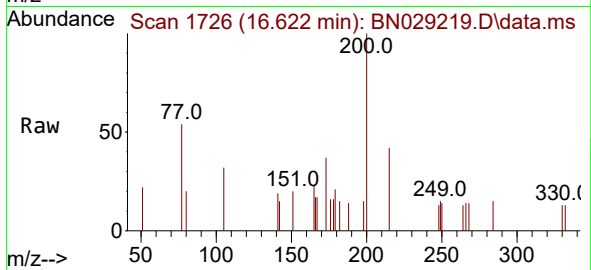
Tgt Ion:200 Resp: 436

Ion Ratio Lower Upper

200 100

173 37.5 36.6 54.8

215 42.3 35.3 52.9



#24

Pentachlorophenol

Concen: 0.390 ng

RT: 16.784 min Scan# 1739

Delta R.T. -0.000 min

Lab File: BN029219.D

Acq: 28 Dec 2023 18:00

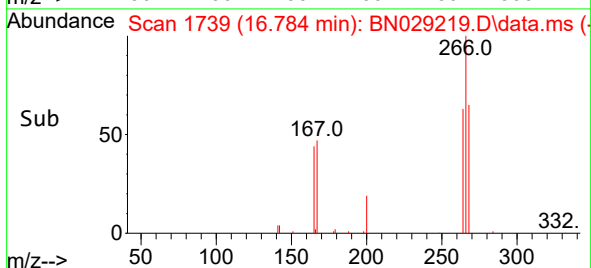
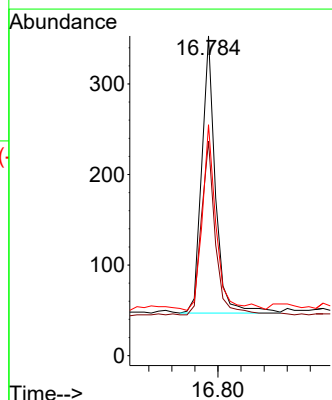
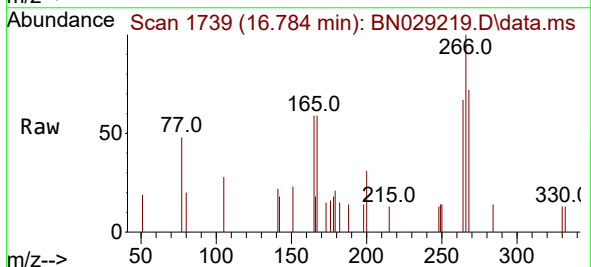
Tgt Ion:266 Resp: 506

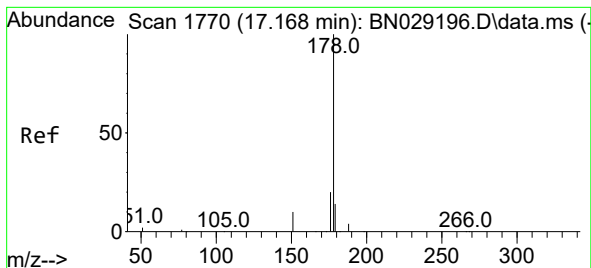
Ion Ratio Lower Upper

266 100

264 64.2 44.4 66.6

268 67.6 49.4 74.2





#25

Phenanthrene

Concen: 0.256 ng

RT: 17.168 min Scan# 1770

Delta R.T. -0.000 min

Lab File: BN029219.D

Acq: 28 Dec 2023 18:00

Instrument :

BNA_N

ClientSampleId :

COLTOMSD

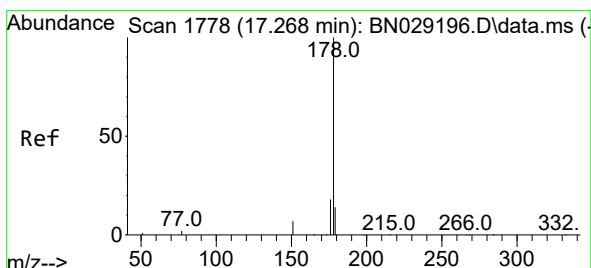
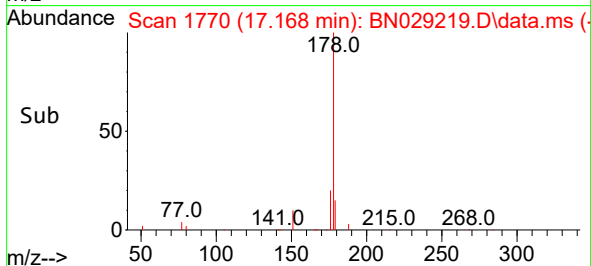
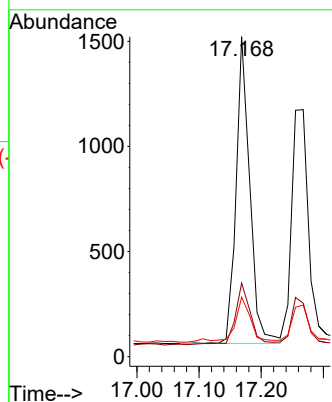
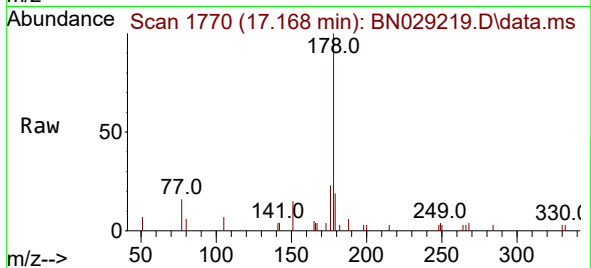
Tgt Ion:178 Resp: 2234

Ion Ratio Lower Upper

178 100

176 23.1 16.7 25.1

179 14.3 12.8 19.2



#26

Anthracene

Concen: 0.252 ng

RT: 17.268 min Scan# 1778

Delta R.T. -0.000 min

Lab File: BN029219.D

Acq: 28 Dec 2023 18:00

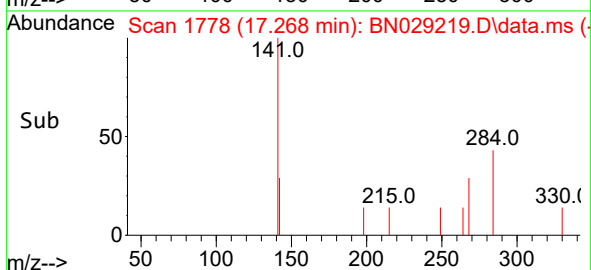
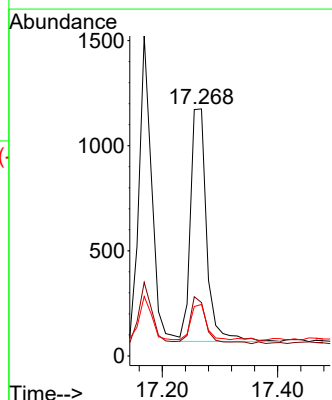
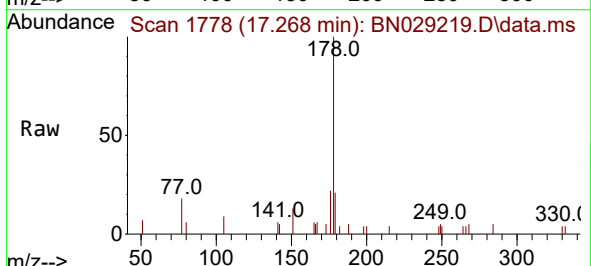
Tgt Ion:178 Resp: 2144

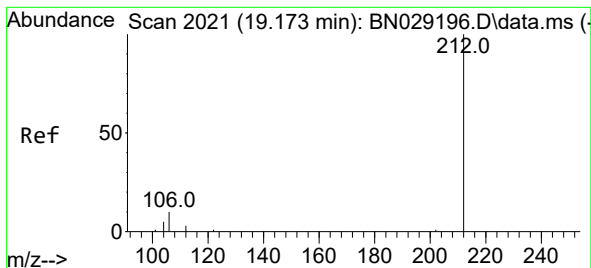
Ion Ratio Lower Upper

178 100

176 20.1 15.4 23.0

179 14.3 11.5 17.3





#27

Fluoranthene-d10

Concen: 0.240 ng

RT: 19.169 min Scan# 20

Delta R.T. -0.005 min

Lab File: BN029219.D

Acq: 28 Dec 2023 18:00

Instrument :

BNA_N

ClientSampleId :

COLTOMSD

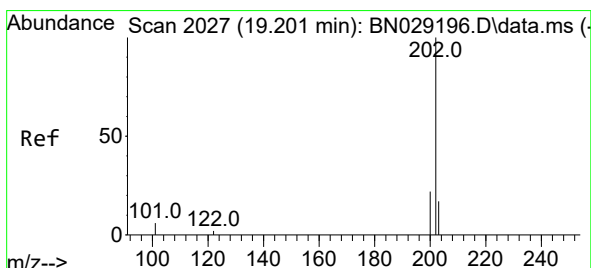
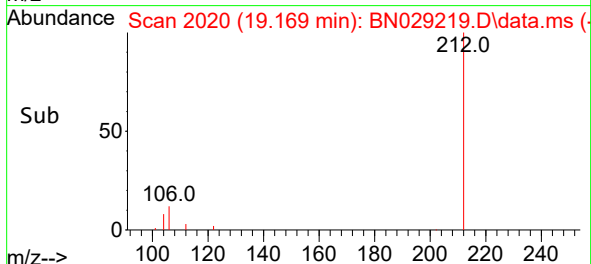
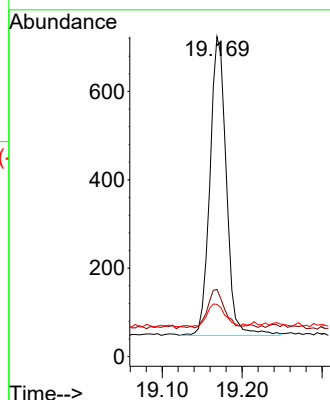
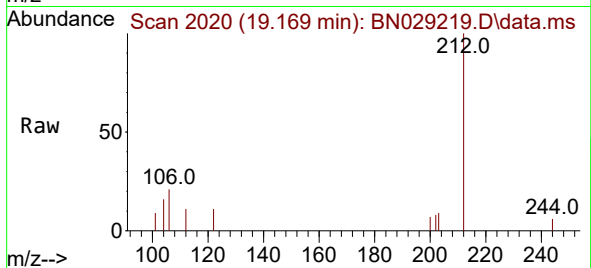
Tgt Ion:212 Resp: 962

Ion Ratio Lower Upper

212 100

106 13.1 9.7 14.5

104 8.1 6.3 9.5



#28

Fluoranthene

Concen: 0.272 ng

RT: 19.201 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BN029219.D

Acq: 28 Dec 2023 18:00

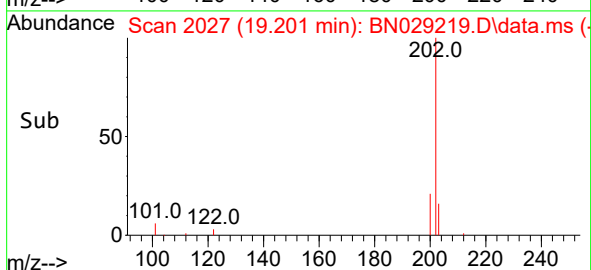
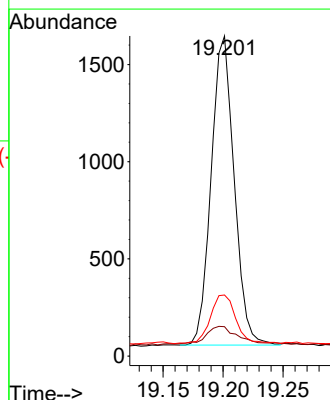
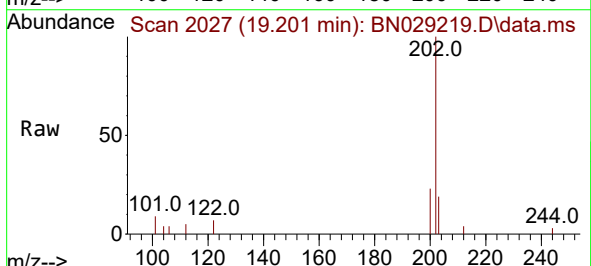
Tgt Ion:202 Resp: 2126

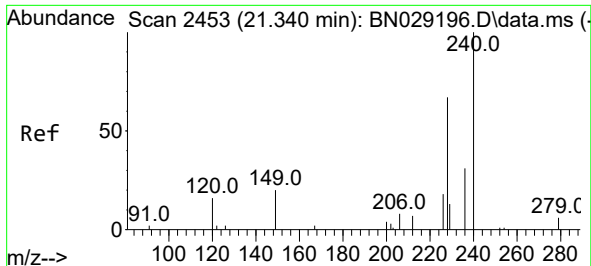
Ion Ratio Lower Upper

202 100

101 9.4 5.8 8.6#

203 17.5 13.6 20.4

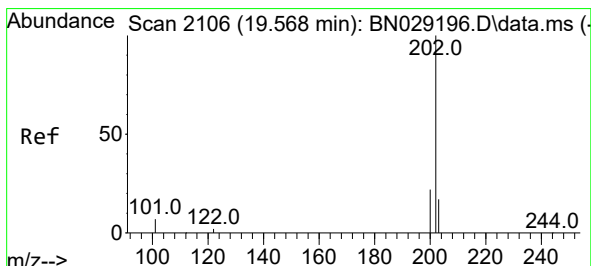
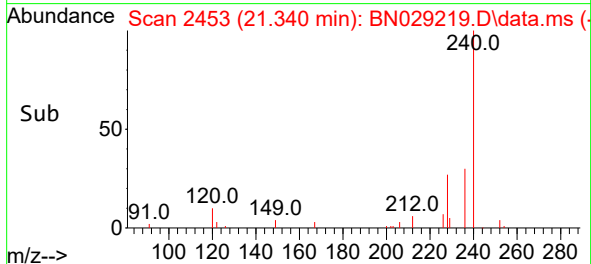
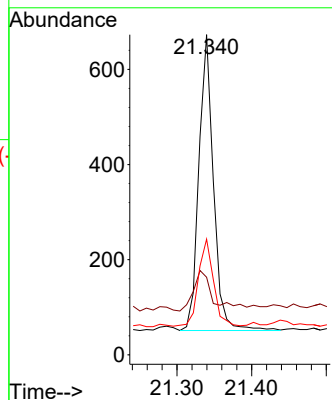
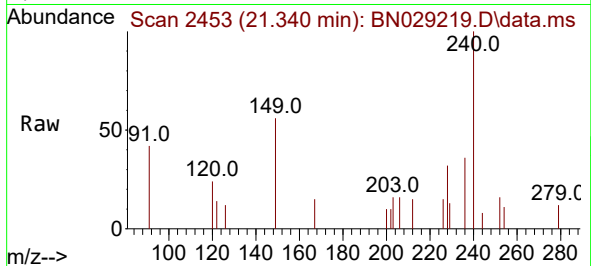




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2453
Delta R.T. -0.000 min
Lab File: BN029219.D
Acq: 28 Dec 2023 18:00

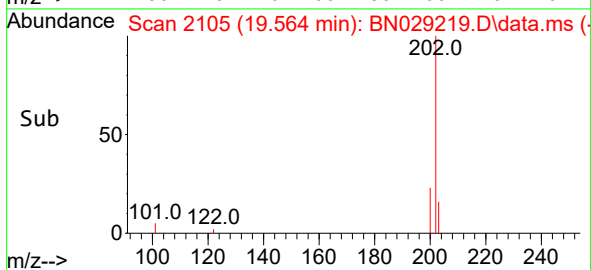
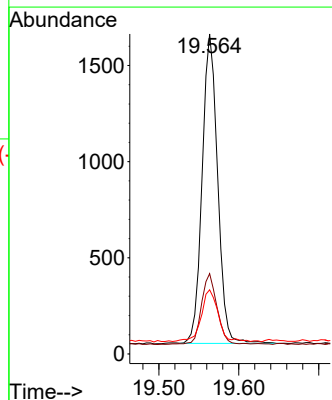
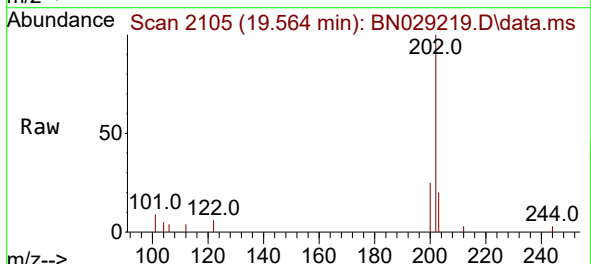
Instrument :
BNA_N
ClientSampleId :
COLTOMSD

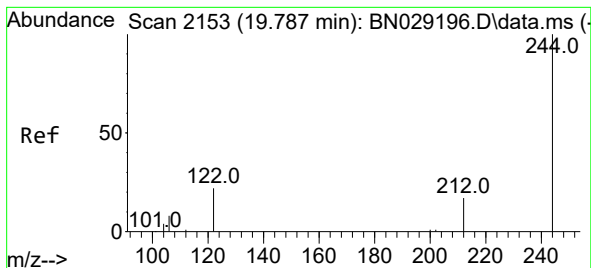
Tgt Ion:240 Resp: 847
Ion Ratio Lower Upper
240 100
120 24.2 24.6 36.8#
236 36.1 32.0 48.0



#30
Pyrene
Concen: 0.253 ng
RT: 19.564 min Scan# 2105
Delta R.T. -0.005 min
Lab File: BN029219.D
Acq: 28 Dec 2023 18:00

Tgt Ion:202 Resp: 2162
Ion Ratio Lower Upper
202 100
200 23.0 18.2 27.4
203 18.1 14.8 22.2





#31

Terphenyl-d14

Concen: 0.302 ng

RT: 19.782 min Scan# 2152

Delta R.T. -0.005 min

Lab File: BN029219.D

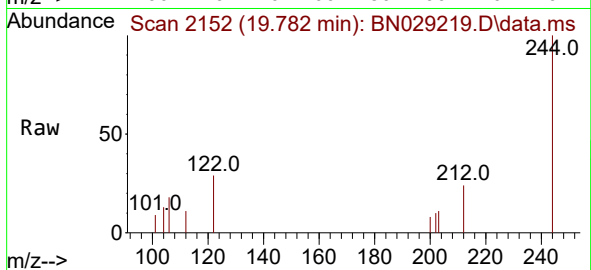
Acq: 28 Dec 2023 18:00

Instrument :

BNA_N

ClientSampleId :

COLTOMSD



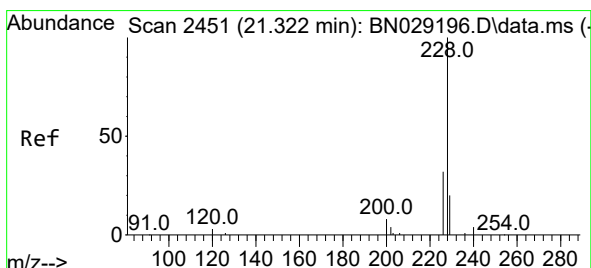
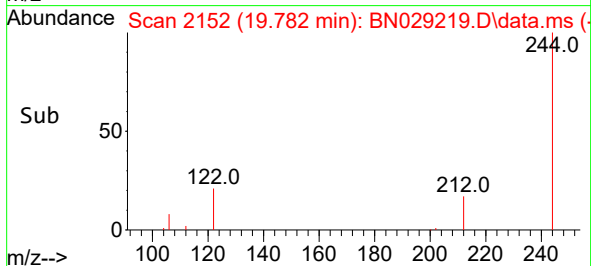
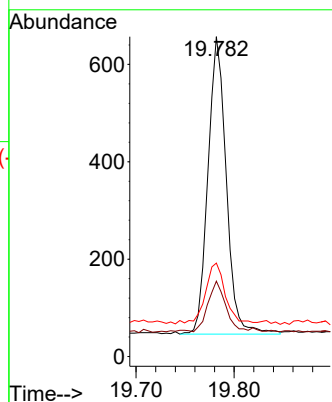
Tgt Ion:244 Resp: 794

Ion Ratio Lower Upper

244 100

212 23.6 20.1 30.1

122 29.2 23.9 35.9



#32

Benzo(a)anthracene

Concen: 0.280 ng

RT: 21.322 min Scan# 2451

Delta R.T. -0.000 min

Lab File: BN029219.D

Acq: 28 Dec 2023 18:00

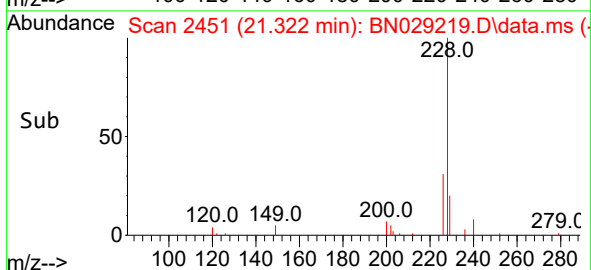
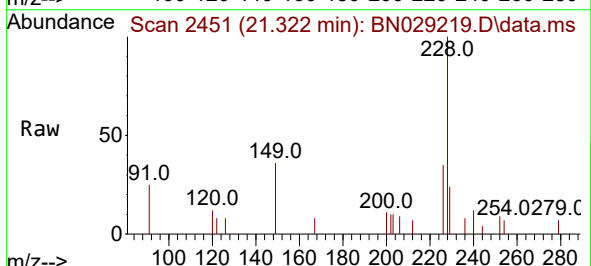
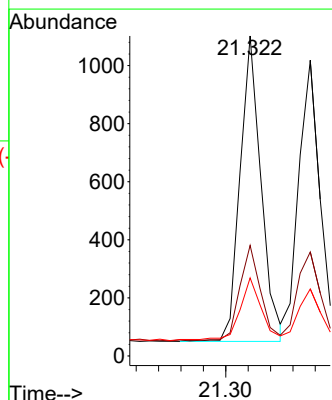
Tgt Ion:228 Resp: 1370

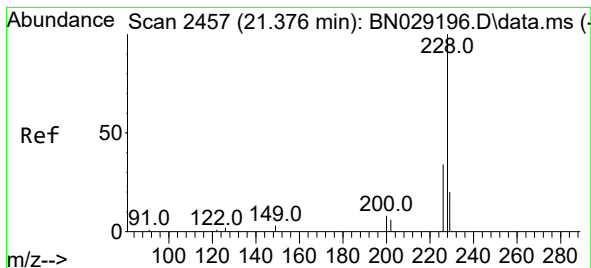
Ion Ratio Lower Upper

228 100

226 34.6 29.0 43.4

229 24.4 20.1 30.1





#33

Chrysene

Concen: 0.266 ng

RT: 21.375 min Scan# 2457

Delta R.T. -0.000 min

Lab File: BN029219.D

Acq: 28 Dec 2023 18:00

Instrument :

BNA_N

ClientSampleId :

COLTOMSD

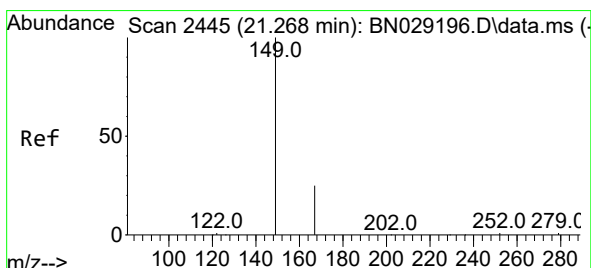
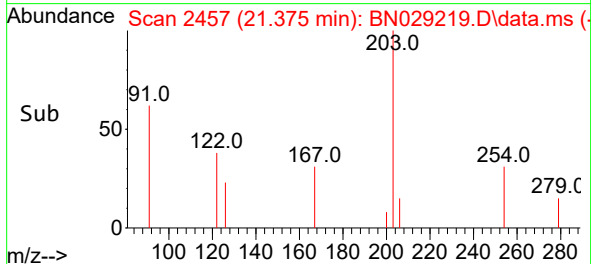
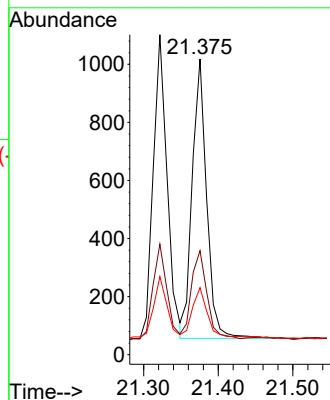
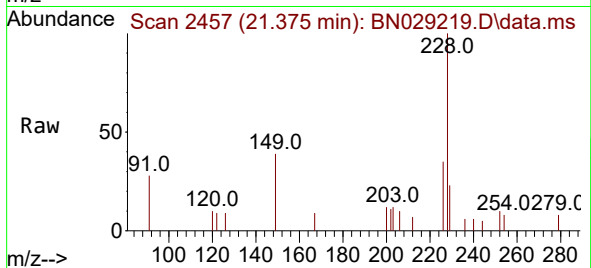
Tgt Ion:228 Resp: 1298

Ion Ratio Lower Upper

228 100

226 35.2 30.4 45.6

229 22.7 19.8 29.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.298 ng

RT: 21.268 min Scan# 2445

Delta R.T. -0.000 min

Lab File: BN029219.D

Acq: 28 Dec 2023 18:00

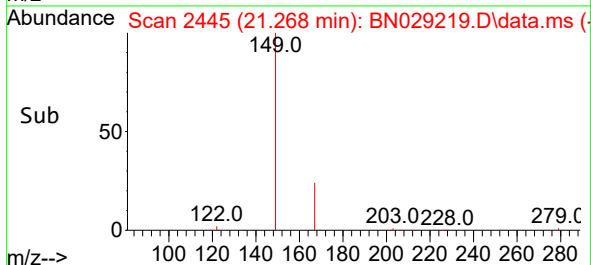
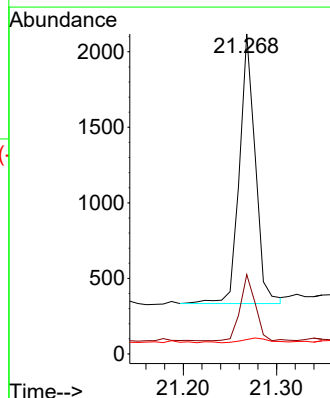
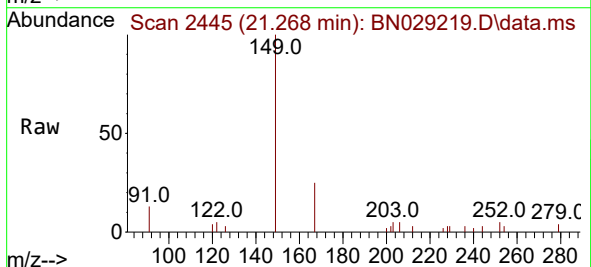
Tgt Ion:149 Resp: 2115

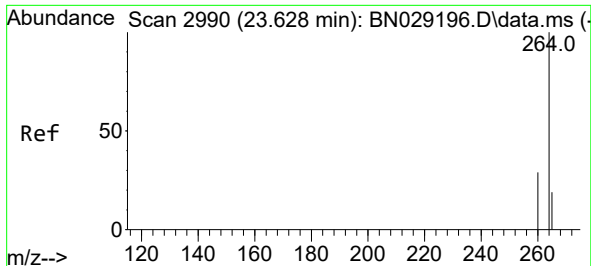
Ion Ratio Lower Upper

149 100

167 23.6 20.7 31.1

279 2.8 2.4 3.6

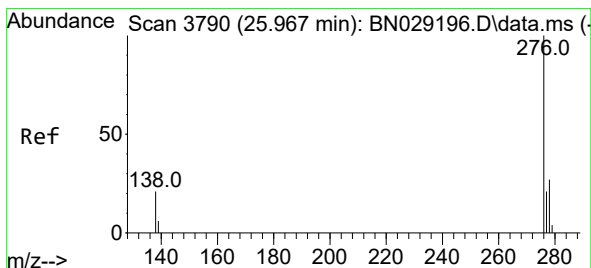
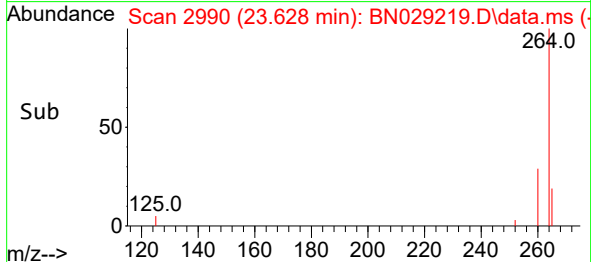
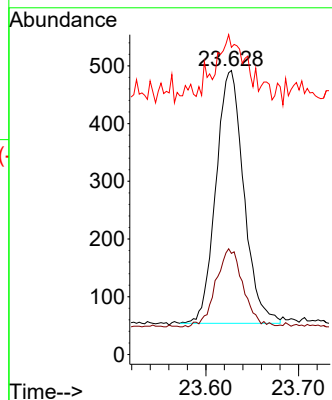
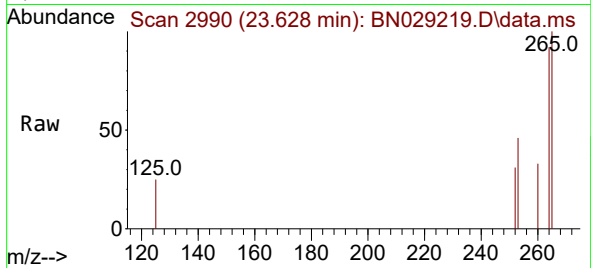




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.628 min Scan# 2990
 Delta R.T. -0.000 min
 Lab File: BN029219.D
 Acq: 28 Dec 2023 18:00

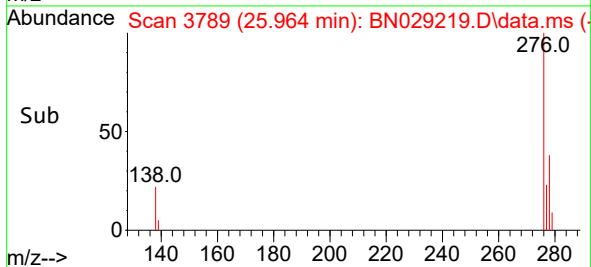
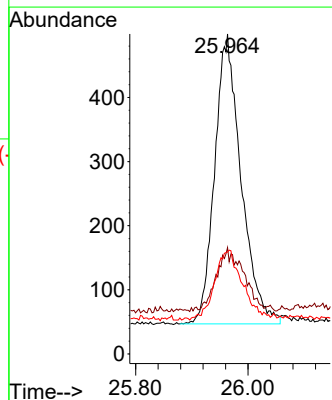
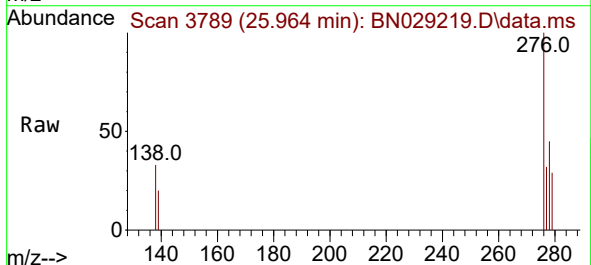
Instrument :
 BNA_N
 ClientSampleId :
 COLTOMSD

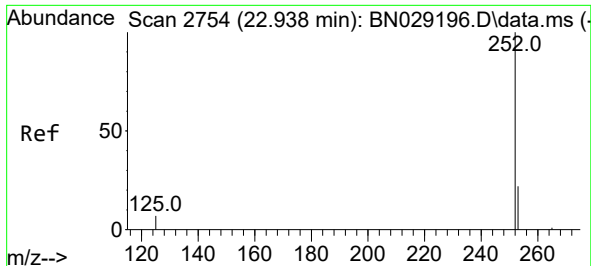
Tgt Ion:264 Resp: 912
 Ion Ratio Lower Upper
 264 100
 260 35.6 30.2 45.4
 265 108.1 88.1 132.1



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.232 ng
 RT: 25.964 min Scan# 3789
 Delta R.T. -0.003 min
 Lab File: BN029219.D
 Acq: 28 Dec 2023 18:00

Tgt Ion:276 Resp: 1470
 Ion Ratio Lower Upper
 276 100
 138 22.0 18.4 27.6
 277 25.5 17.2 25.8





#37

Benzo(b)fluoranthene

Concen: 0.266 ng

RT: 22.932 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN029219.D

Acq: 28 Dec 2023 18:00

Instrument :

BNA_N

ClientSampleId :

COLTOMSD

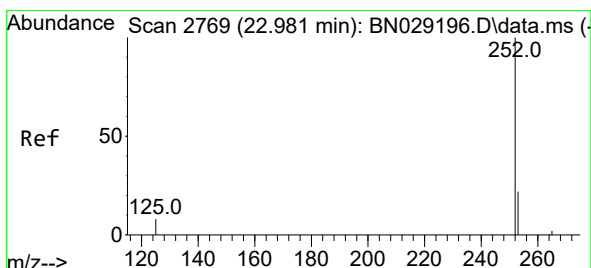
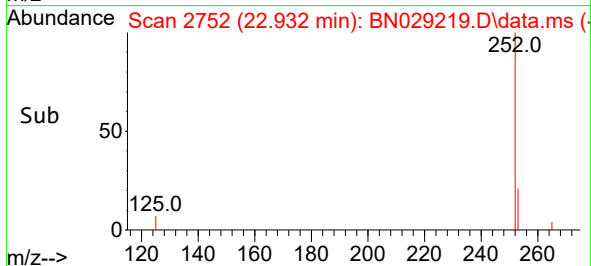
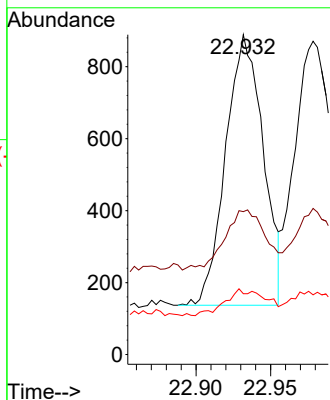
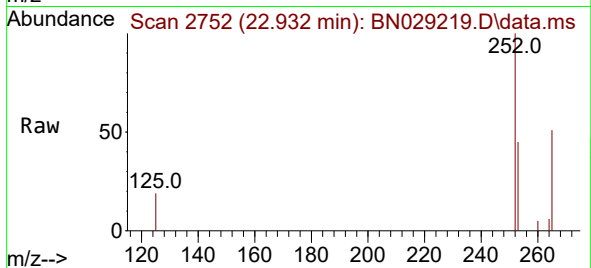
Tgt Ion:252 Resp: 1313

Ion Ratio Lower Upper

252 100

253 44.7 34.3 51.5

125 19.0 13.4 20.0



#38

Benzo(k)fluoranthene

Concen: 0.271 ng

RT: 22.978 min Scan# 2768

Delta R.T. -0.003 min

Lab File: BN029219.D

Acq: 28 Dec 2023 18:00

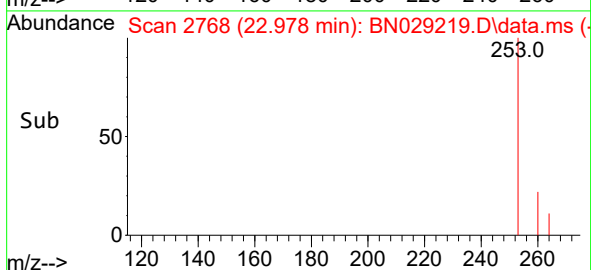
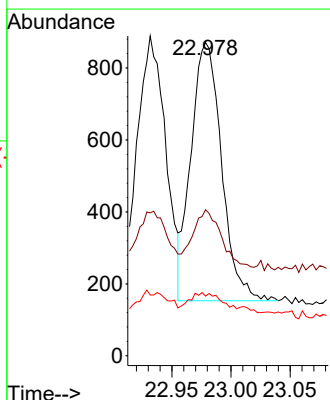
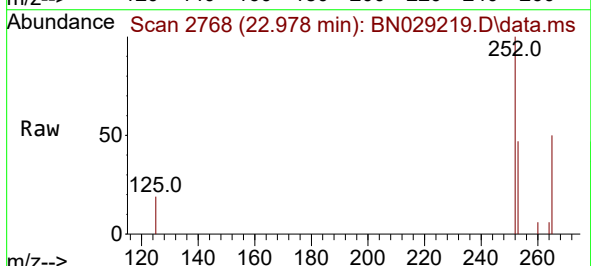
Tgt Ion:252 Resp: 1295

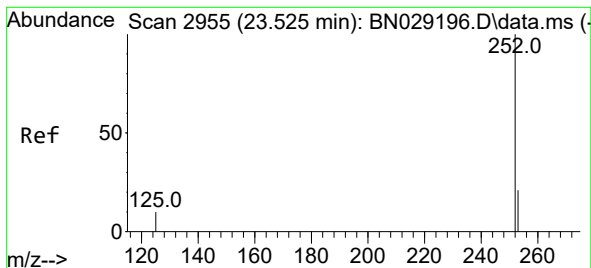
Ion Ratio Lower Upper

252 100

253 46.6 33.4 50.0

125 19.1 13.9 20.9





#39

Benzo(a)pyrene

Concen: 0.235 ng

RT: 23.522 min Scan# 2955

Delta R.T. -0.003 min

Lab File: BN029219.D

Acq: 28 Dec 2023 18:00

Instrument :

BNA_N

ClientSampleId :

COLTOMSD

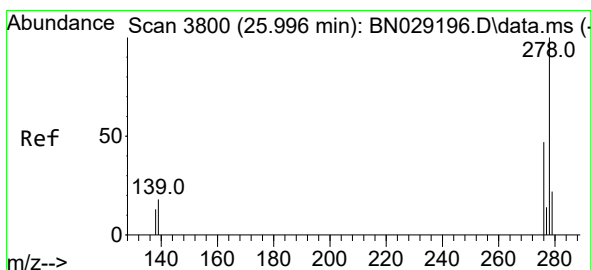
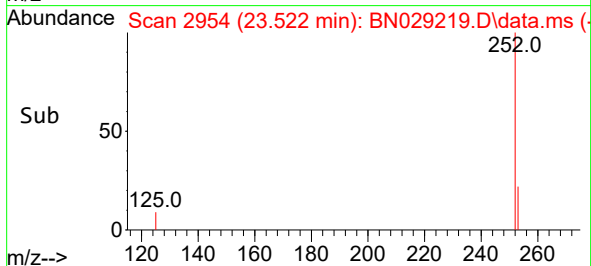
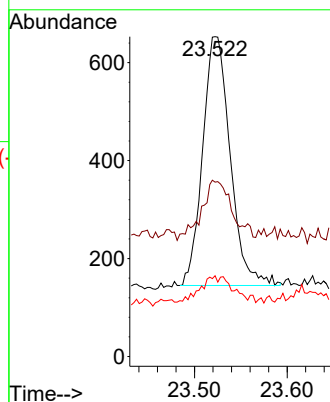
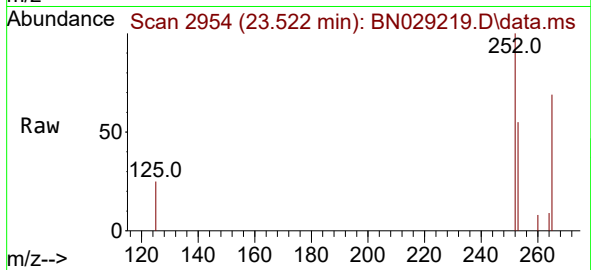
Tgt Ion:252 Resp: 1053

Ion Ratio Lower Upper

252 100

253 54.5 38.9 58.3

125 25.3 18.3 27.5



#40

Dibenzo(a,h)anthracene

Concen: 0.230 ng

RT: 25.987 min Scan# 3797

Delta R.T. -0.009 min

Lab File: BN029219.D

Acq: 28 Dec 2023 18:00

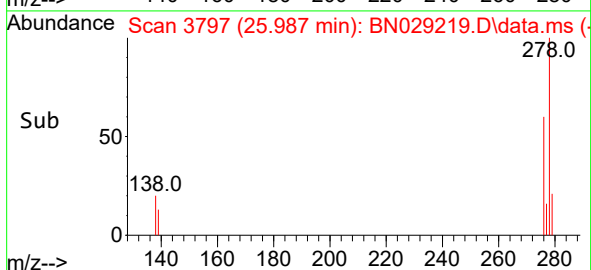
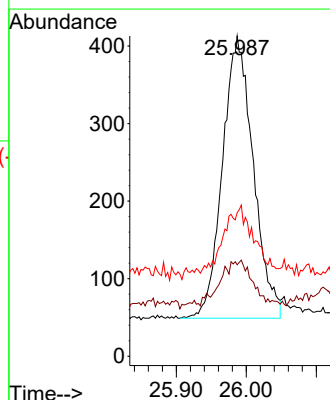
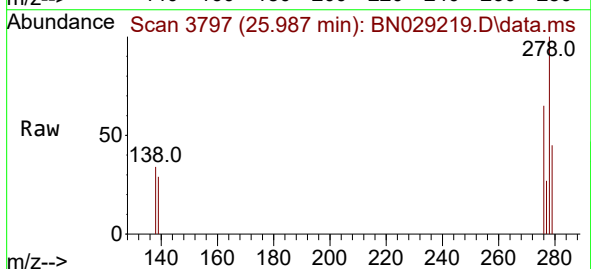
Tgt Ion:278 Resp: 1111

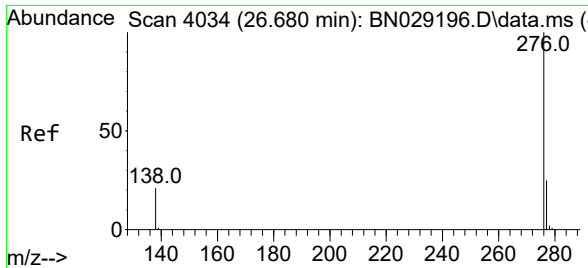
Ion Ratio Lower Upper

278 100

139 28.6 22.9 34.3

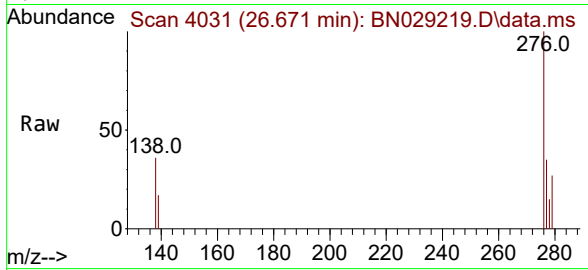
279 44.8 32.3 48.5





#41
Benzo(g,h,i)perylene
Concen: 0.225 ng
RT: 26.671 min Scan# 40
Delta R.T. -0.009 min
Lab File: BN029219.D
Acq: 28 Dec 2023 18:00

Instrument :
BNA_N
ClientSampleId :
COLTOMSD



Tgt Ion:276 Resp: 1204
Ion Ratio Lower Upper
276 100
277 34.8 26.4 39.6
138 36.1 26.0 39.0

