

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122722\
 Data File : BN023497.D
 Acq On : 27 Dec 2022 20:41
 Operator : CG/JU
 Sample : N6103-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT-210-IDWSO-20221215

Quant Time: Dec 28 04:17:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 03:57:20 2022
 Response via : Initial Calibration

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

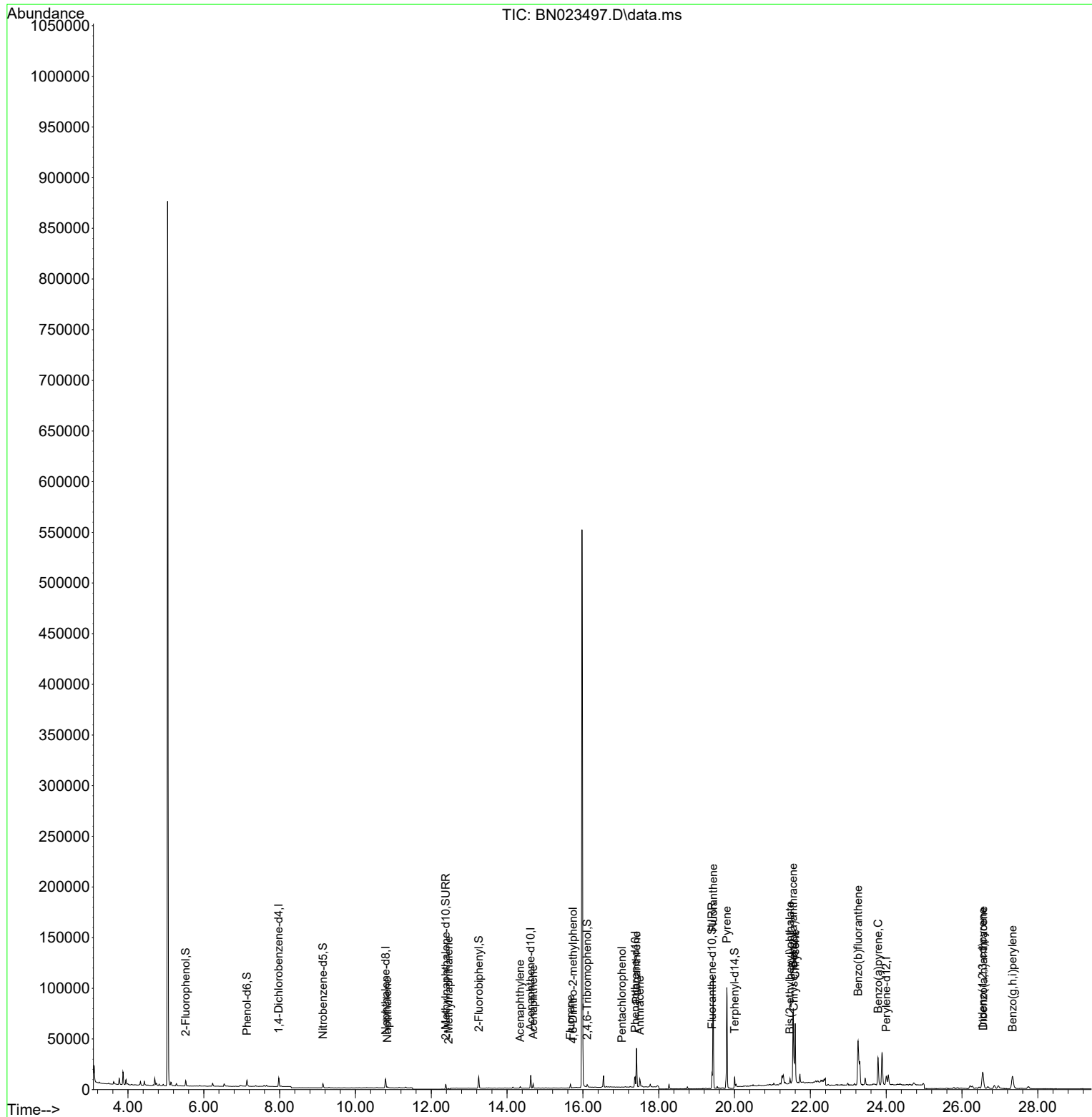
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	4095	0.400	ng	0.00
7) Naphthalene-d8	10.797	136	12027	0.400	ng	0.00
13) Acenaphthene-d10	14.623	164	6681	0.400	ng	0.00
19) Phenanthrene-d10	17.377	188	14966	0.400	ng	0.00
29) Chrysene-d12	21.562	240	13715	0.400	ng	# 0.00
35) Perylene-d12	24.001	264	12204	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.522	112	4228	0.466	ng	0.00
5) Phenol-d6	7.139	99	5620	0.505	ng	0.00
8) Nitrobenzene-d5	9.142	82	3347	0.356	ng	0.00
11) 2-Methylnaphthalene-d10	12.382	152	6340	0.362	ng	0.00
14) 2,4,6-Tribromophenol	16.111	330	1114	0.340	ng	-0.01
15) 2-Fluorobiphenyl	13.255	172	10137	0.383	ng	0.00
27) Fluoranthene-d10	19.405	212	15036	0.411	ng	0.00
31) Terphenyl-d14	20.000	244	13570	0.424	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.840	128	1058	0.034	ng	# 81
12) 2-Methylnaphthalene	12.458	142	798	0.036	ng	# 91
16) Acenaphthylene	14.345	152	1640	0.059	ng	95
17) Acenaphthene	14.688	154	1976	0.106	ng	97
18) Fluorene	15.671	166	2270	0.087	ng	# 99
20) 4,6-Dinitro-2-methylph...	15.739	198	1	0.297	ng	# 1
24) Pentachlorophenol	17.030	266	32	0.177	ng	93
25) Phenanthrene	17.414	178	37241	0.874	ng	100
26) Anthracene	17.501	178	8898	0.251	ng	98
28) Fluoranthene	19.435	202	95119	1.986	ng	100
30) Pyrene	19.797	202	86369	1.687	ng	# 96
32) Benzo(a)anthracene	21.544	228	59465	1.301	ng	99
33) Chrysene	21.598	228	52006	1.108	ng	98
34) Bis(2-ethylhexyl)phtha...	21.464	149	4344	0.155	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.544	276	28156	0.618	ng	95
37) Benzo(b)fluoranthene	23.258	252	74869	1.597	ng	96
39) Benzo(a)pyrene	23.784	252	37003	1.034	ng	93
40) Dibenzo(a,h)anthracene	26.559	278	7301	0.210	ng	# 88
41) Benzo(g,h,i)perylene	27.334	276	28617	0.713	ng	99

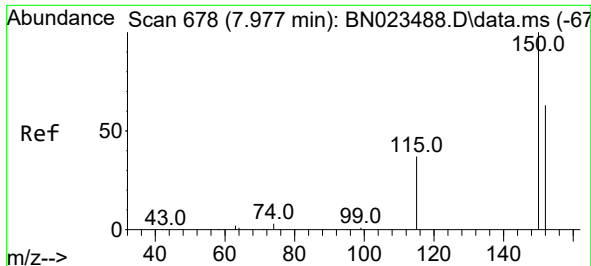
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 28 03:57:20 2022
Response via : Initial Calibration

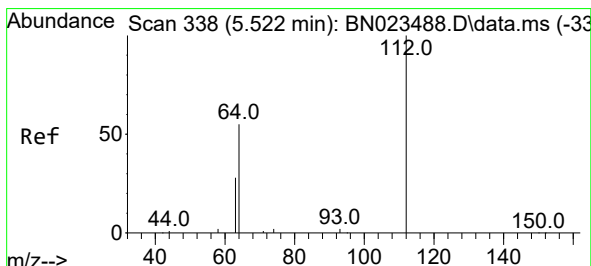
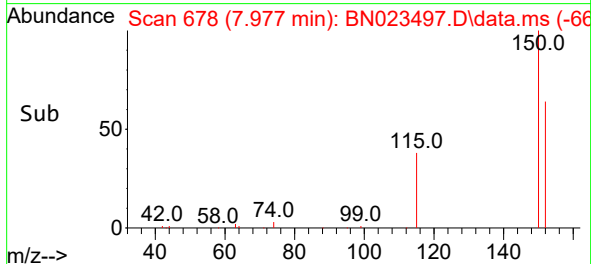
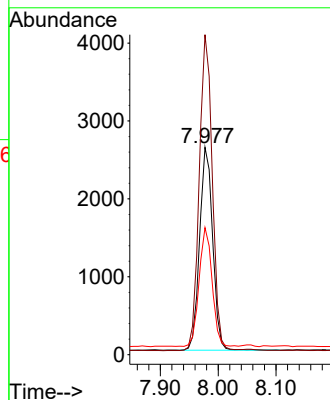
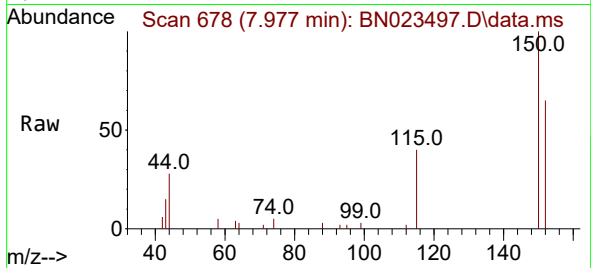




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.977 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN023497.D
 Acq: 27 Dec 2022 20:41

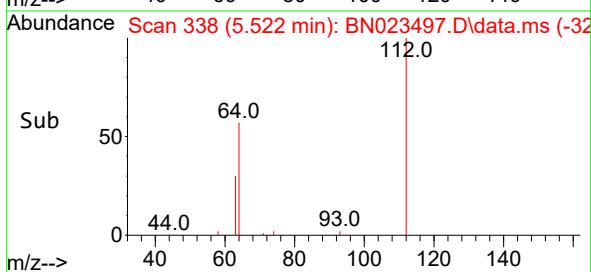
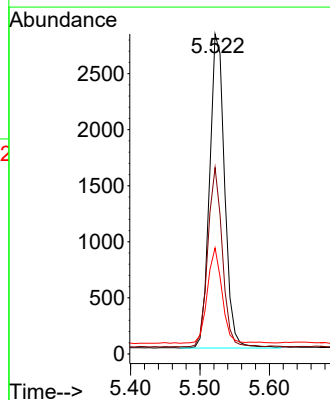
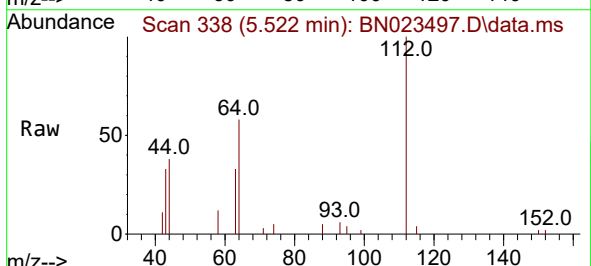
Instrument :
 BNA_N
 ClientSampleId :
 TT-210-IDWSO-20221215

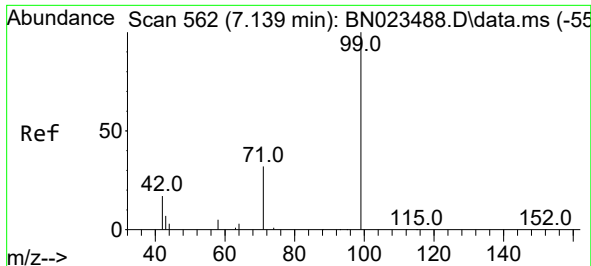
Tgt Ion:152 Resp: 4095
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.0 187.6
 115 61.3 48.8 73.2



#4
 2-Fluorophenol
 Concen: 0.466 ng
 RT: 5.522 min Scan# 338
 Delta R.T. 0.000 min
 Lab File: BN023497.D
 Acq: 27 Dec 2022 20:41

Tgt Ion:112 Resp: 4228
 Ion Ratio Lower Upper
 112 100
 64 54.8 44.3 66.5
 63 29.3 23.8 35.6

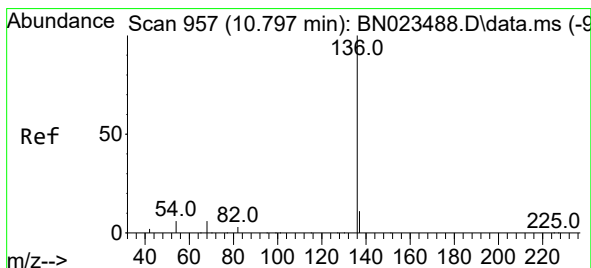
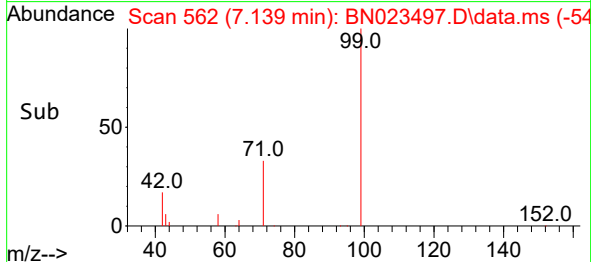
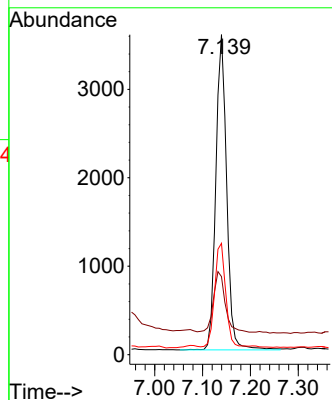
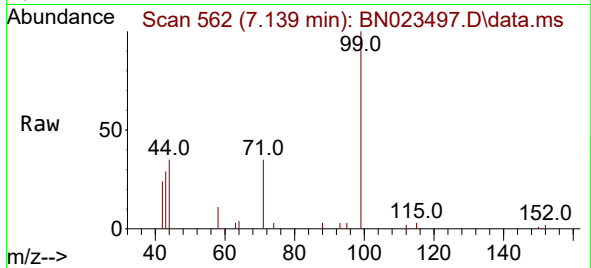




#5
Phenol-d6
Concen: 0.505 ng
RT: 7.139 min Scan# 562
Delta R.T. 0.000 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

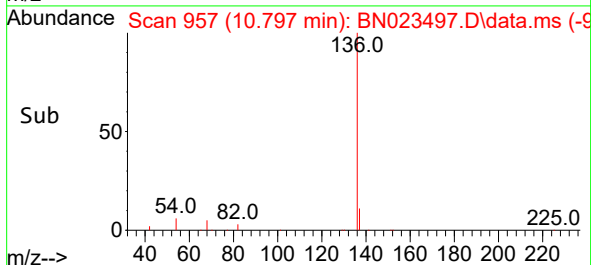
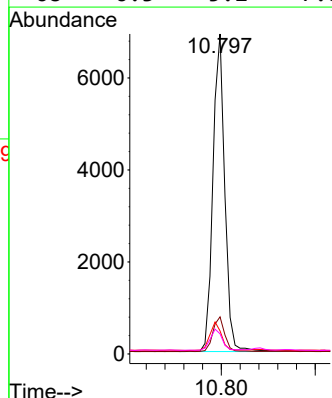
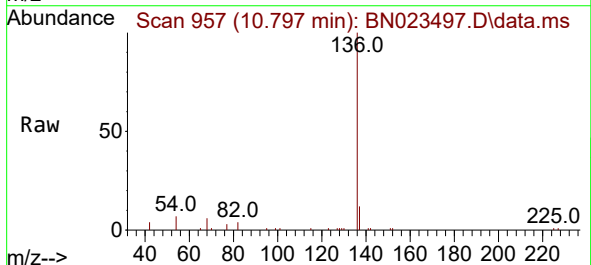
Instrument :
BNA_N
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TT-210-IDWSO-20221215

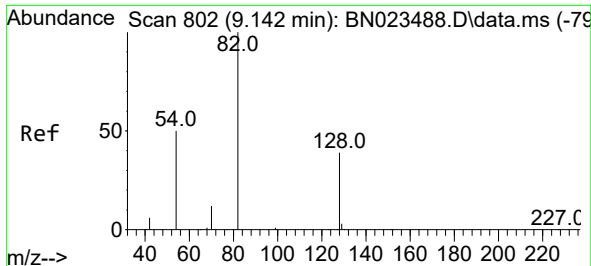
Tgt Ion: 99 Resp: 5620
Ion Ratio Lower Upper
99 100
42 20.6 16.8 25.2
71 34.0 27.0 40.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.797 min Scan# 957
Delta R.T. 0.000 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

Tgt Ion: 136 Resp: 12027
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 7.2 5.8 8.8
68 6.3 5.2 7.8

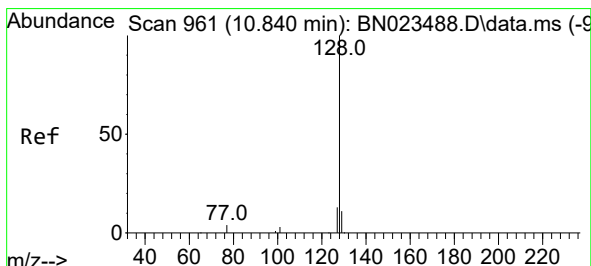
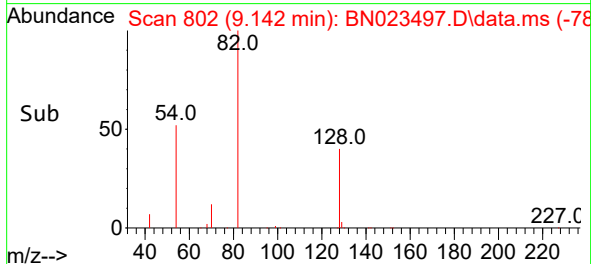
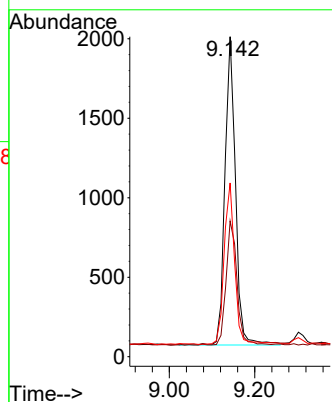
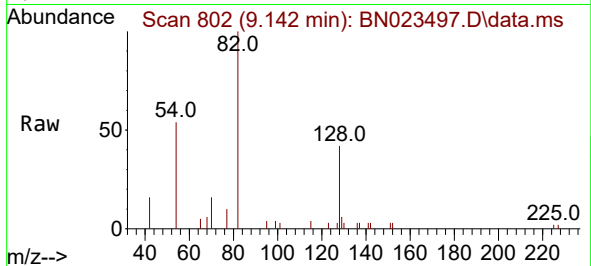




#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 9.142 min Scan# 802
Delta R.T. 0.000 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

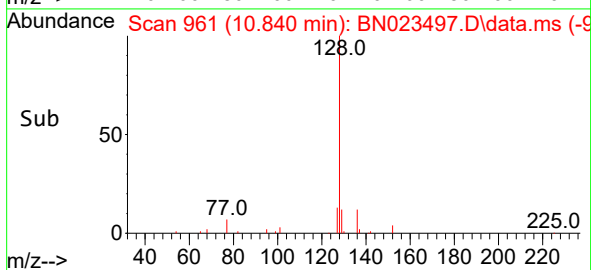
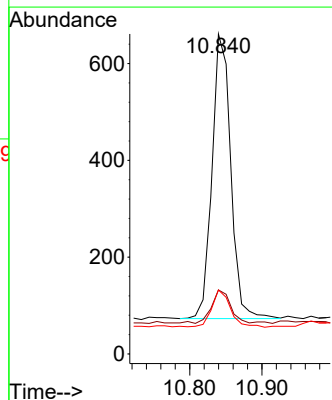
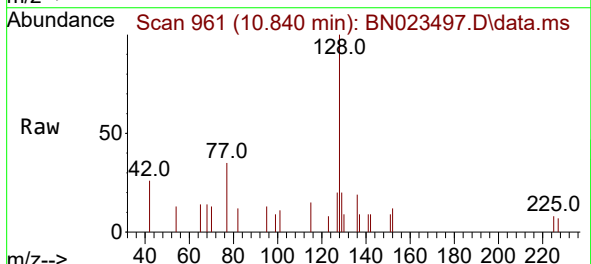
Instrument :
BNA_N
ClientSampleId :
TT-210-IDWSO-20221215

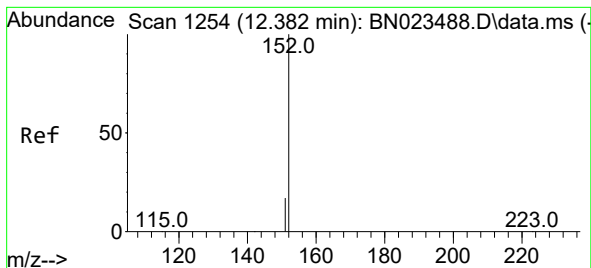
Tgt Ion: 82 Resp: 3347
Ion Ratio Lower Upper
82 100
128 42.4 32.6 49.0
54 54.3 41.4 62.0



#9
Naphthalene
Concen: 0.034 ng
RT: 10.840 min Scan# 961
Delta R.T. 0.000 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

Tgt Ion: 128 Resp: 1058
Ion Ratio Lower Upper
128 100
129 20.0 9.1 13.7#
127 20.0 11.0 16.4#





#11

2-Methylnaphthalene-d10

Concen: 0.362 ng

RT: 12.382 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN023497.D

Acq: 27 Dec 2022 20:41

Instrument :

BNA_N

ClientSampleId :

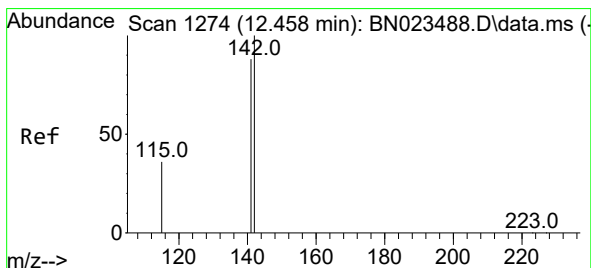
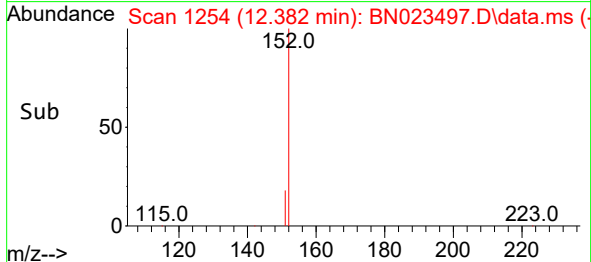
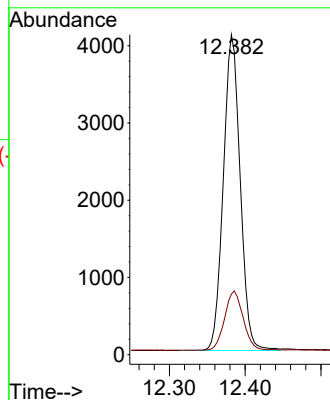
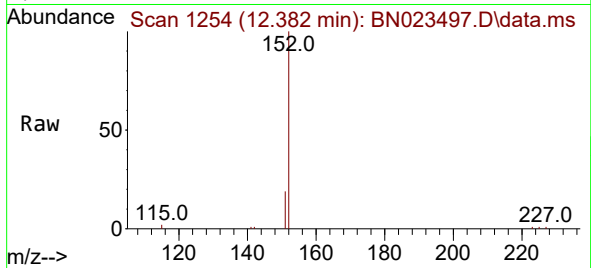
TT-210-IDWSO-20221215

Tgt Ion:152 Resp: 6340

Ion Ratio Lower Upper

152 100

151 20.7 14.8 22.2



#12

2-Methylnaphthalene

Concen: 0.036 ng

RT: 12.458 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BN023497.D

Acq: 27 Dec 2022 20:41

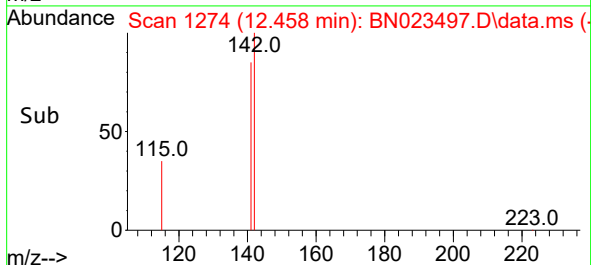
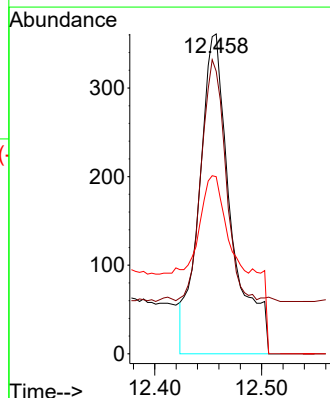
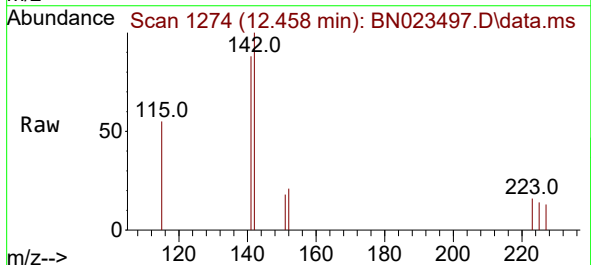
Tgt Ion:142 Resp: 798

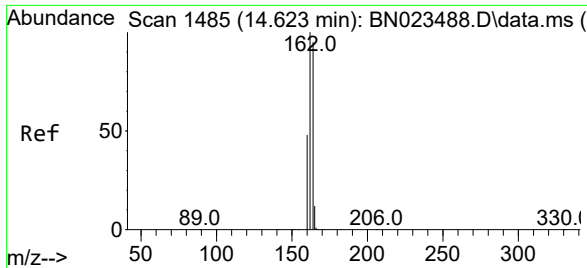
Ion Ratio Lower Upper

142 100

141 88.4 70.5 105.7

115 55.4 29.5 44.3#

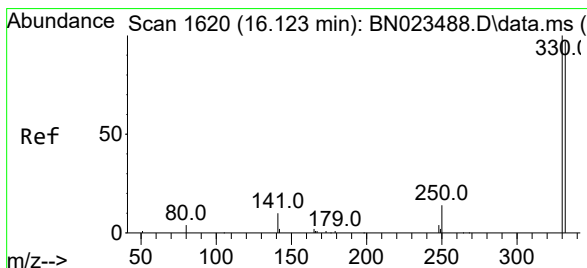
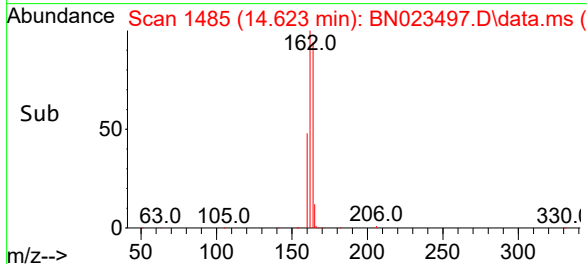
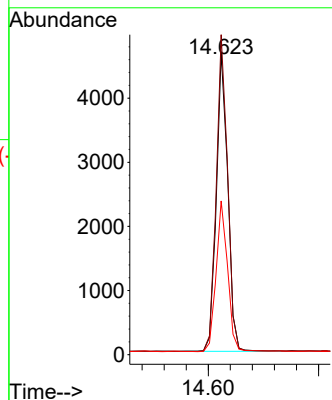
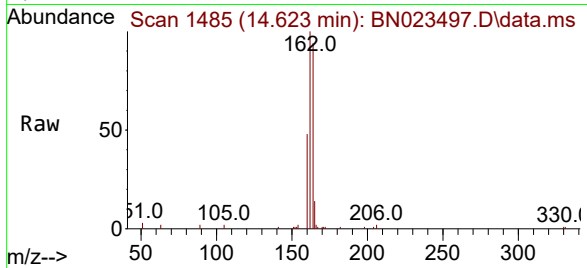




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.623 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

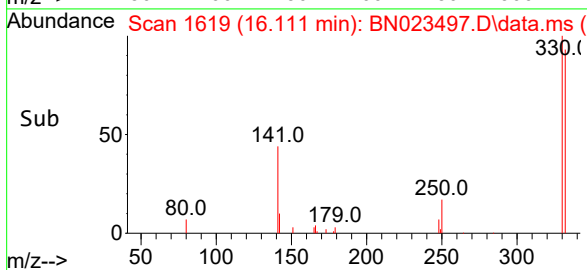
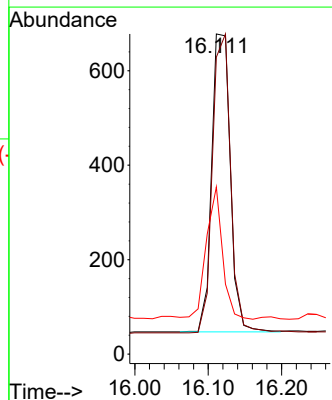
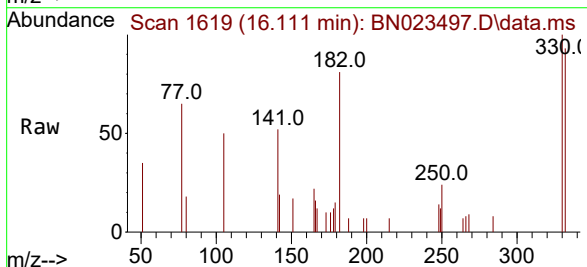
Instrument :
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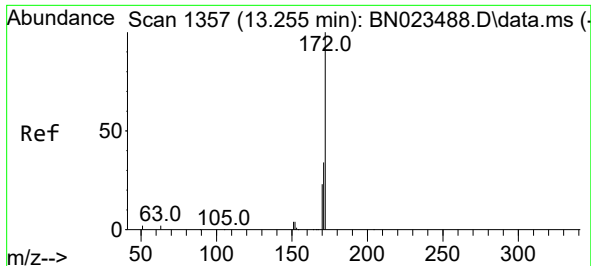
Tgt Ion:164 Resp: 6681
Ion Ratio Lower Upper
164 100
162 106.0 83.9 125.9
160 50.9 40.9 61.3



#14
2,4,6-Tribromophenol
Concen: 0.340 ng
RT: 16.111 min Scan# 1619
Delta R.T. -0.012 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

Tgt Ion:330 Resp: 1114
Ion Ratio Lower Upper
330 100
332 98.4 76.7 115.1
141 38.4 29.8 44.6

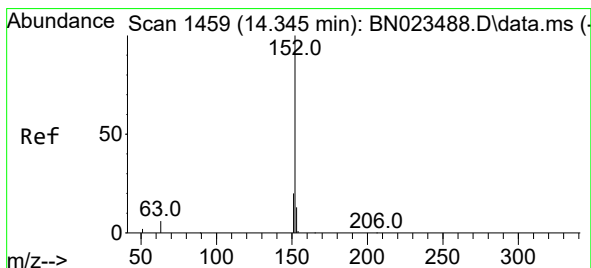
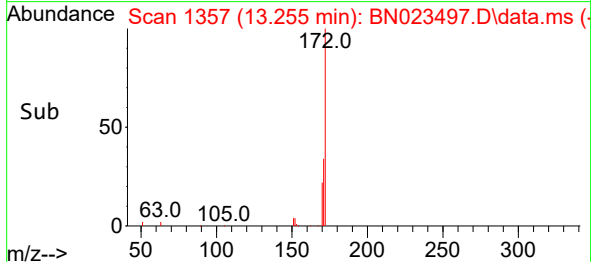
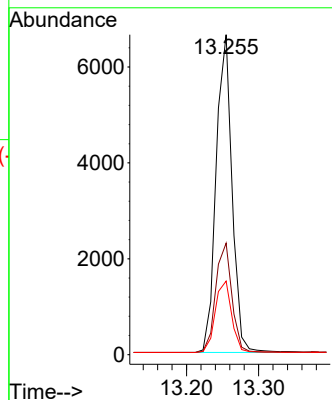
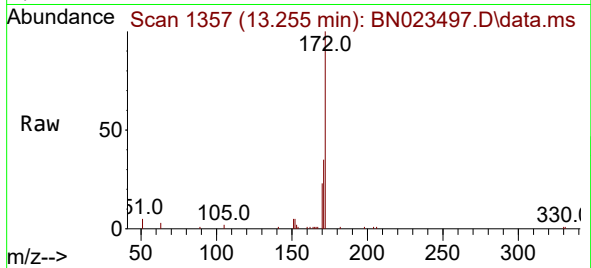




#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

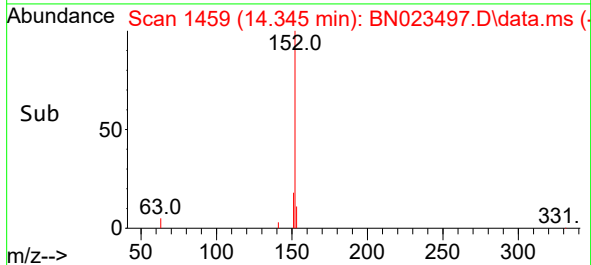
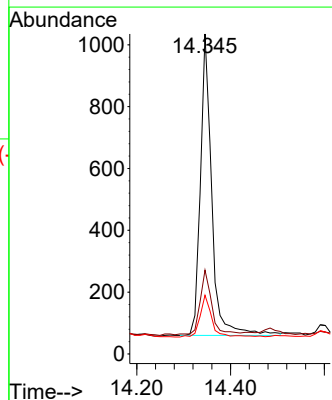
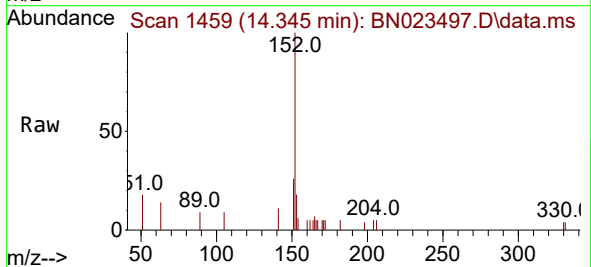
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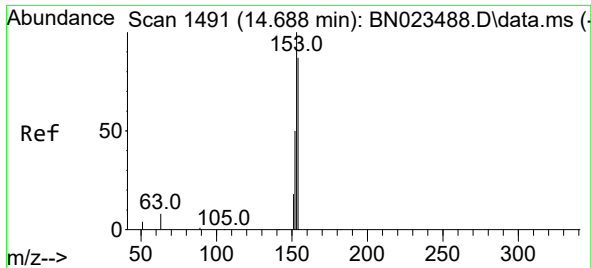
Tgt Ion:172 Resp: 10137
Ion Ratio Lower Upper
172 100
171 34.8 27.6 41.4
170 23.0 18.7 28.1



#16
Acenaphthylene
Concen: 0.059 ng
RT: 14.345 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

Tgt Ion:152 Resp: 1640
Ion Ratio Lower Upper
152 100
151 21.9 15.4 23.2
153 14.3 10.3 15.5

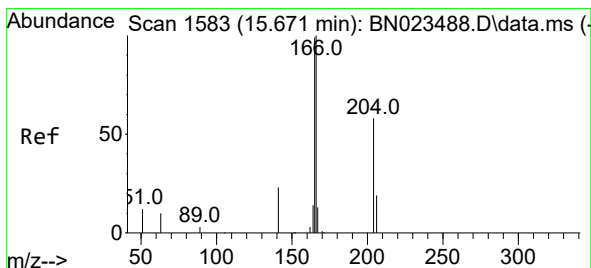
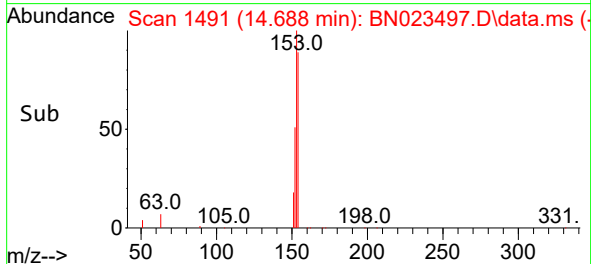
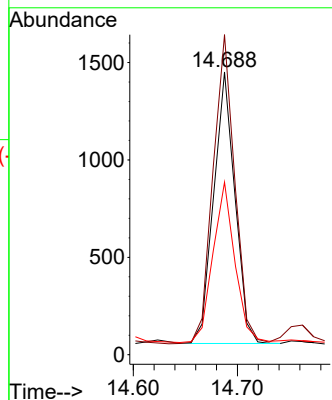
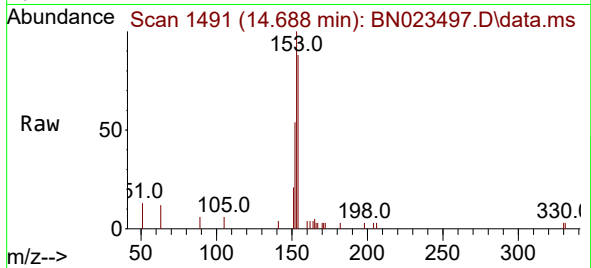




#17
Acenaphthene
Concen: 0.106 ng
RT: 14.688 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

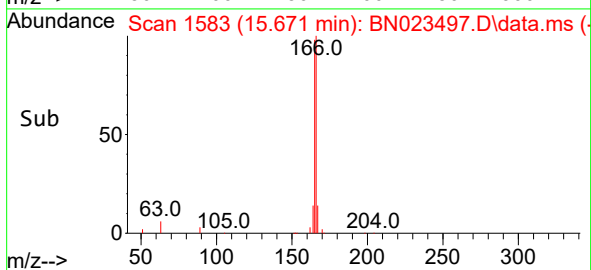
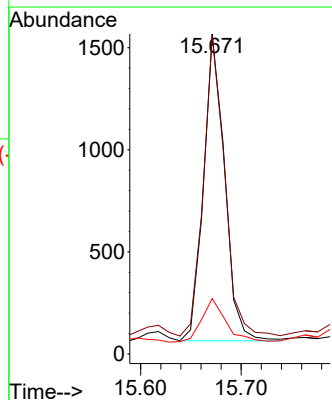
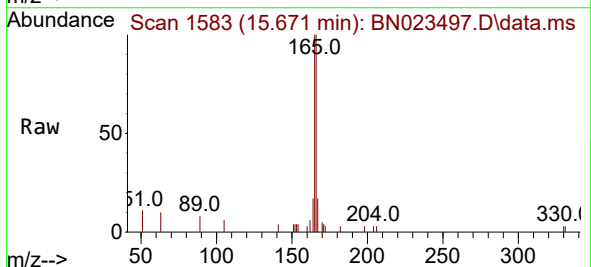
Instrument :
BNA_N
ClientSampleId :
TT-210-IDWSO-20221215

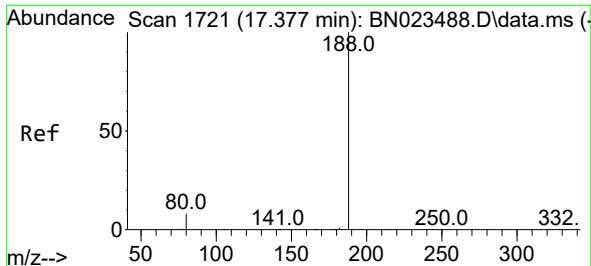
Tgt Ion:154 Resp: 1976
Ion Ratio Lower Upper
154 100
153 116.3 90.8 136.2
152 61.0 46.3 69.5



#18
Fluorene
Concen: 0.087 ng
RT: 15.671 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

Tgt Ion:166 Resp: 2270
Ion Ratio Lower Upper
166 100
165 98.2 79.0 118.6
167 16.0 10.6 16.0#

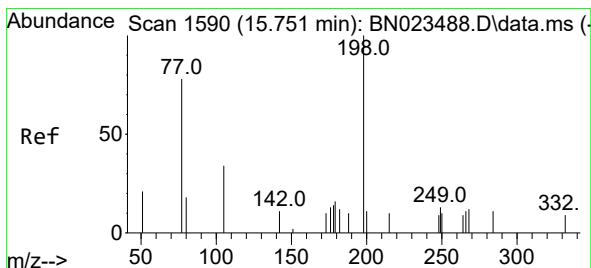
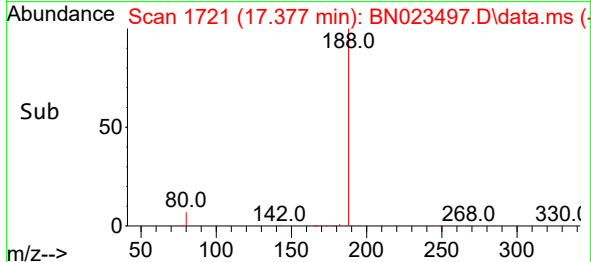
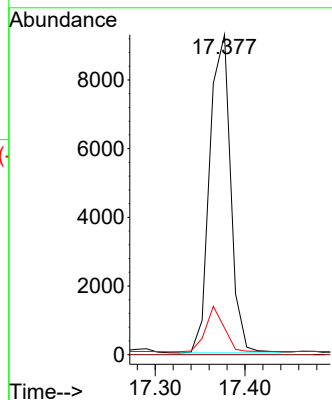
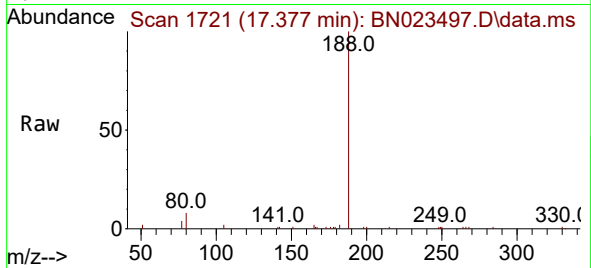




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.377 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

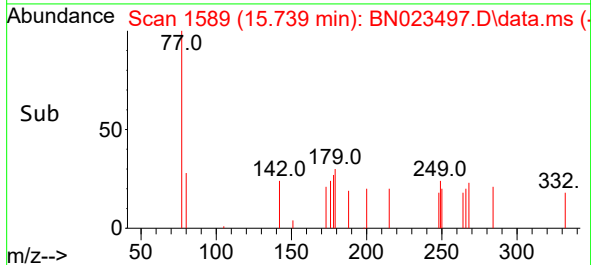
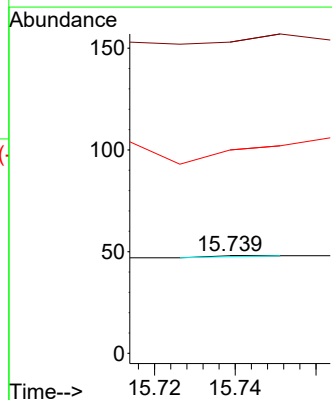
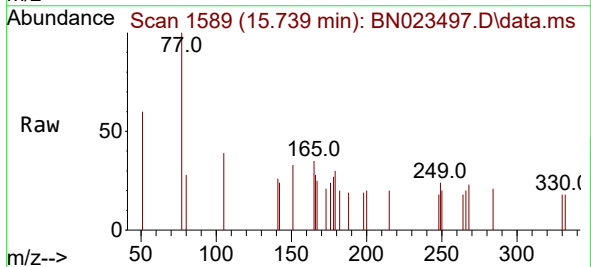
Instrument :
BNA_N
ClientSampleId :
TT-210-IDWSO-20221215

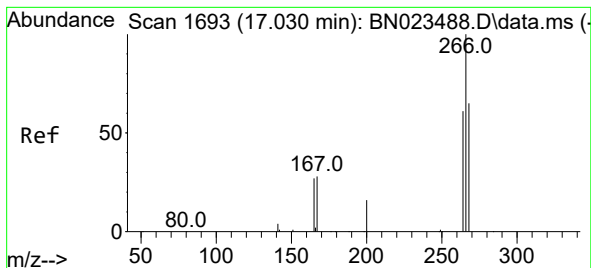
Tgt Ion:188 Resp: 14966
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 6.7 10.1



#20
4,6-Dinitro-2-methylphenol
Concen: 0.297 ng
RT: 15.739 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 318.8 48.2 72.4#
105 208.3 41.0 61.4#





#24

Pentachlorophenol

Concen: 0.177 ng

RT: 17.030 min Scan# 1693

Delta R.T. -0.000 min

Lab File: BN023497.D

Acq: 27 Dec 2022 20:41

Instrument :

BNA_N

ClientSampleId :

TT-210-IDWSO-20221215

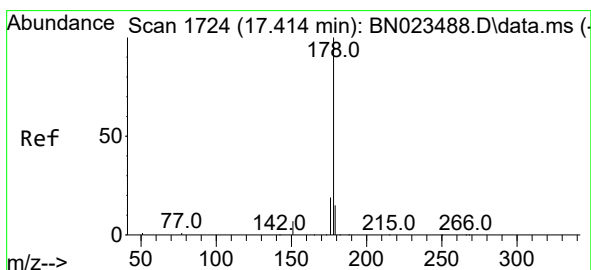
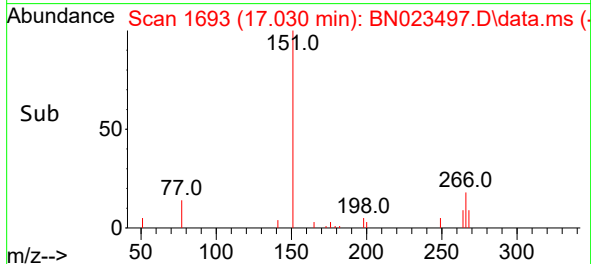
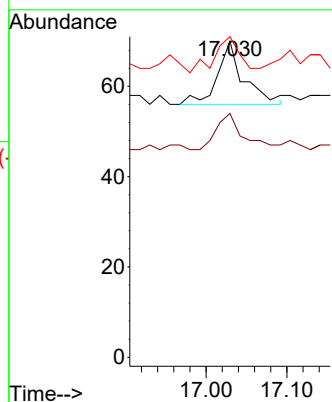
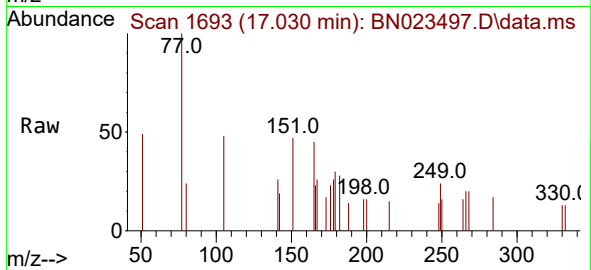
Tgt Ion:266 Resp: 32

Ion Ratio Lower Upper

266 100

264 59.4 49.7 74.5

268 56.3 51.4 77.0



#25

Phenanthrene

Concen: 0.874 ng

RT: 17.414 min Scan# 1724

Delta R.T. 0.000 min

Lab File: BN023497.D

Acq: 27 Dec 2022 20:41

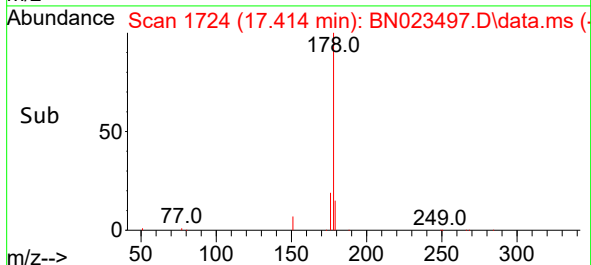
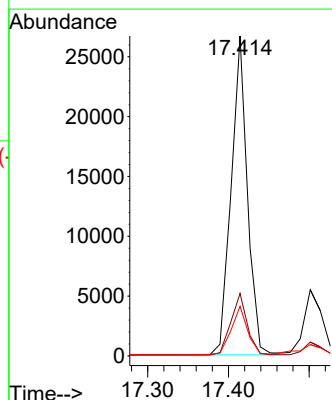
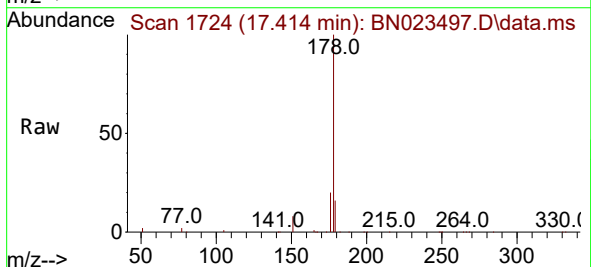
Tgt Ion:178 Resp: 37241

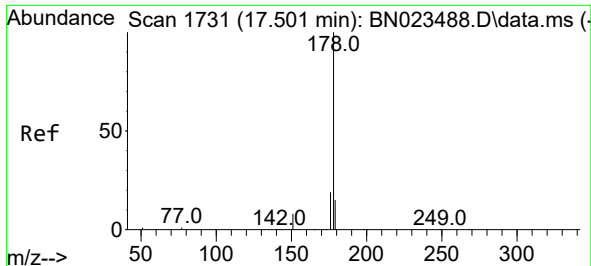
Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

179 15.5 12.2 18.4

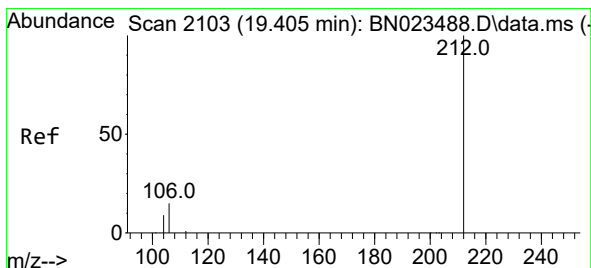
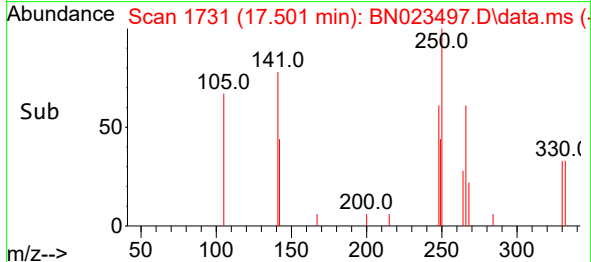
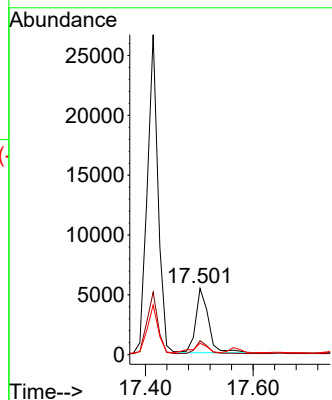
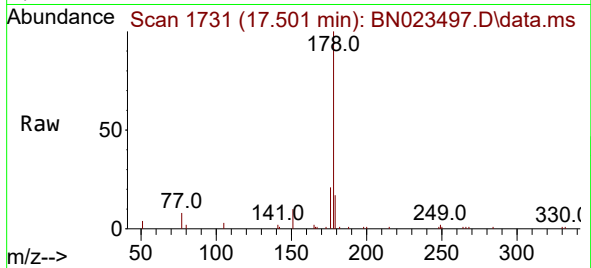




#26
 Anthracene
 Concen: 0.251 ng
 RT: 17.501 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN023497.D
 Acq: 27 Dec 2022 20:41

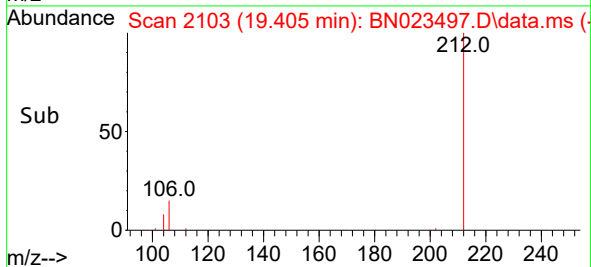
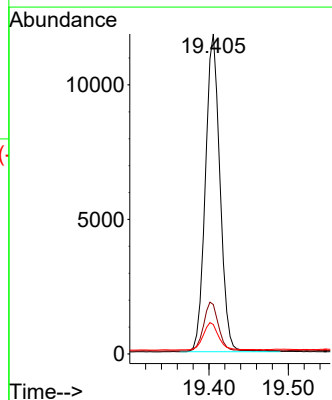
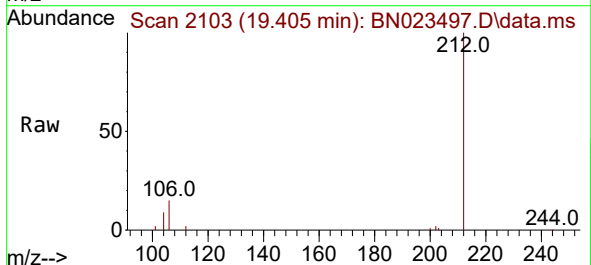
Instrument :
 BNA_N
 ClientSampleId :
 TT-210-IDWSO-20221215

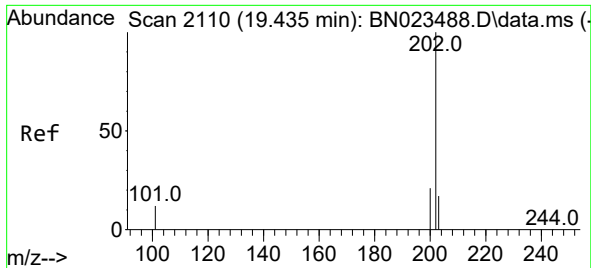
Tgt Ion:178 Resp: 8898
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.0 22.6
 179 17.3 12.3 18.5



#27
 Fluoranthene-d10
 Concen: 0.411 ng
 RT: 19.405 min Scan# 2103
 Delta R.T. 0.000 min
 Lab File: BN023497.D
 Acq: 27 Dec 2022 20:41

Tgt Ion:212 Resp: 15036
 Ion Ratio Lower Upper
 212 100
 106 15.8 12.3 18.5
 104 9.2 6.8 10.2

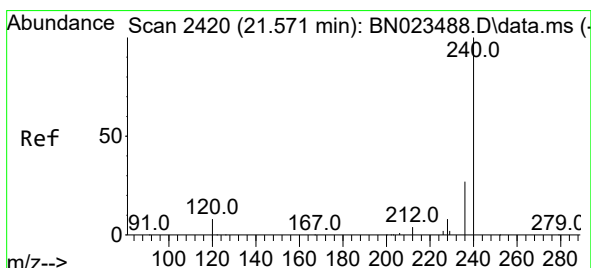
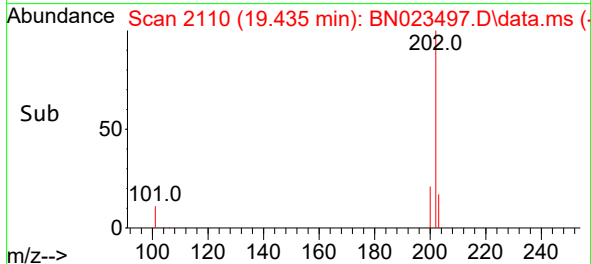
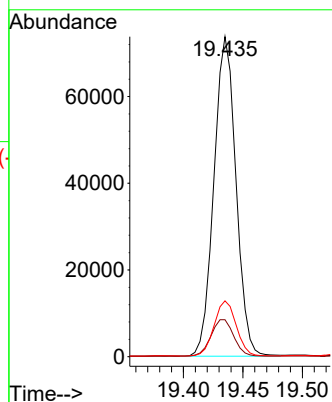
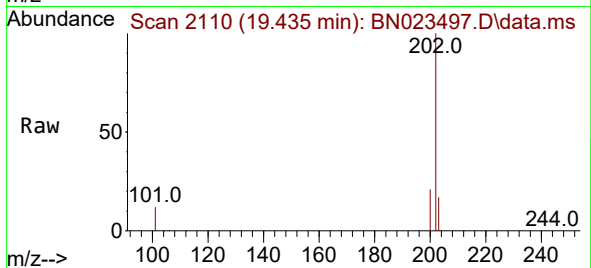




#28
Fluoranthene
Concen: 1.986 ng
RT: 19.435 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

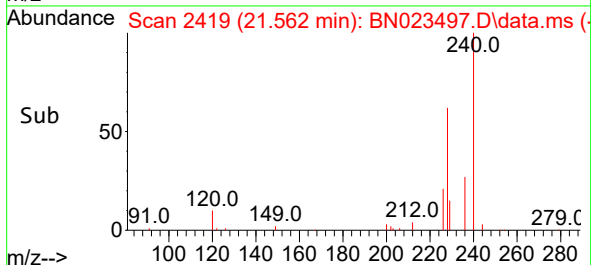
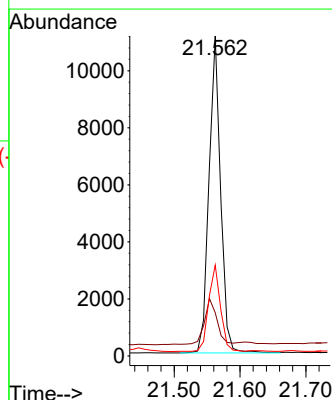
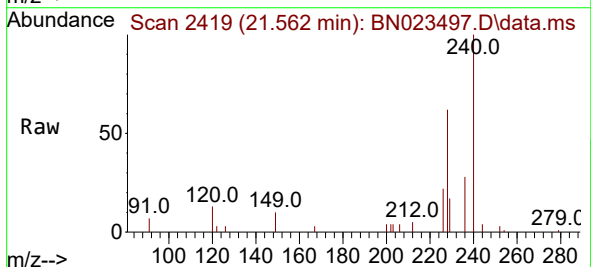
Instrument :
BNA_N
ClientSampleId :
TT-210-IDWSO-20221215

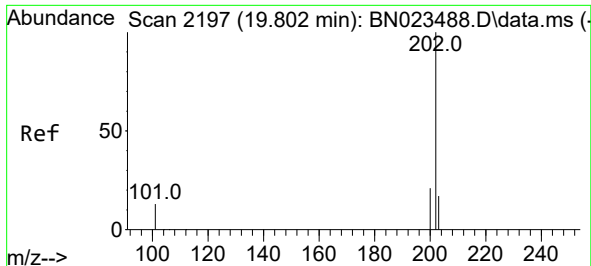
Tgt Ion:202 Resp: 95119
Ion Ratio Lower Upper
202 100
101 11.9 9.6 14.4
203 17.3 13.8 20.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.562 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

Tgt Ion:240 Resp: 13715
Ion Ratio Lower Upper
240 100
120 13.5 8.9 13.3#
236 28.4 22.5 33.7

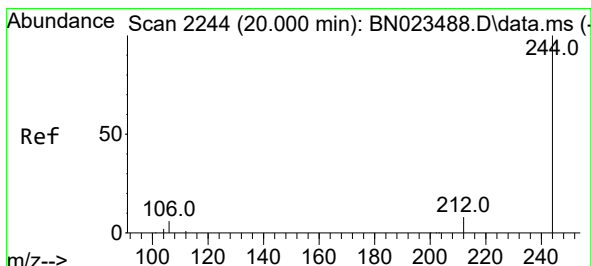
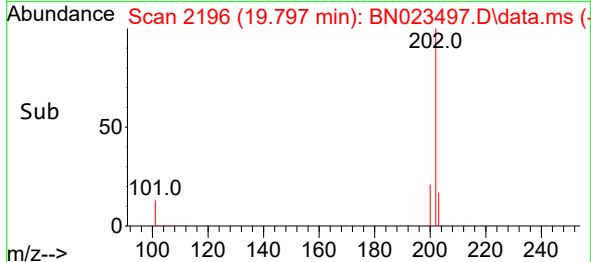
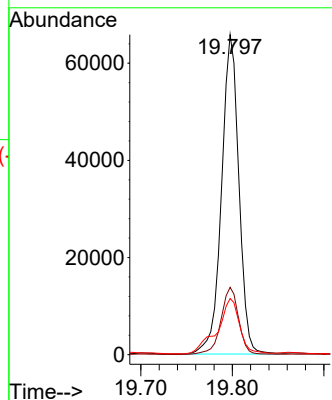
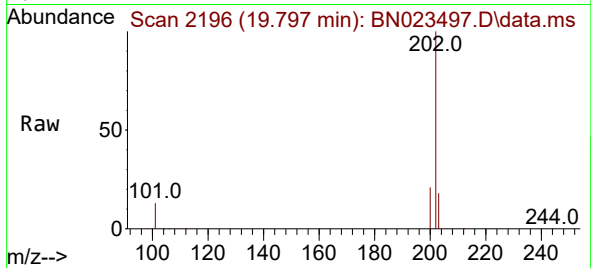




#30
Pyrene
Concen: 1.687 ng
RT: 19.797 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

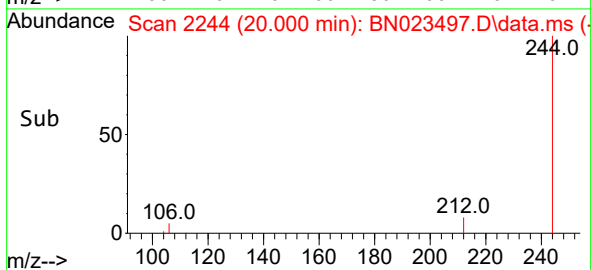
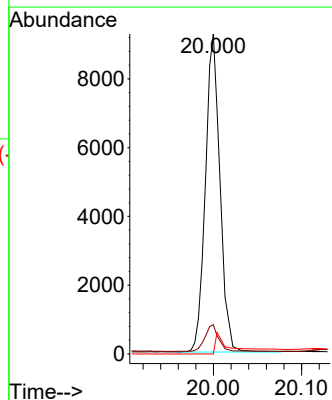
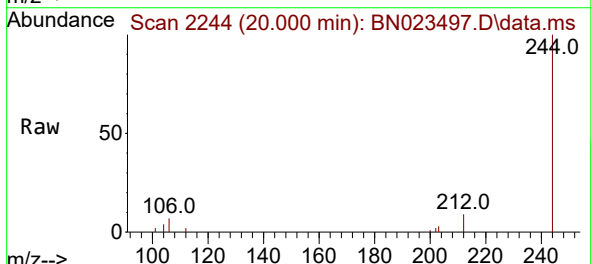
Instrument :
BNA_N
ClientSampleId :
TT-210-IDWSO-20221215

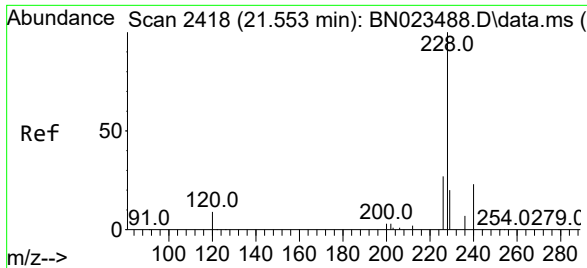
Tgt Ion:202 Resp: 86369
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 22.3 14.4 21.6#



#31
Terphenyl-d14
Concen: 0.424 ng
RT: 20.000 min Scan# 2244
Delta R.T. 0.000 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

Tgt Ion:244 Resp: 13570
Ion Ratio Lower Upper
244 100
212 9.2 7.4 11.0
122 0.0 0.0 0.0

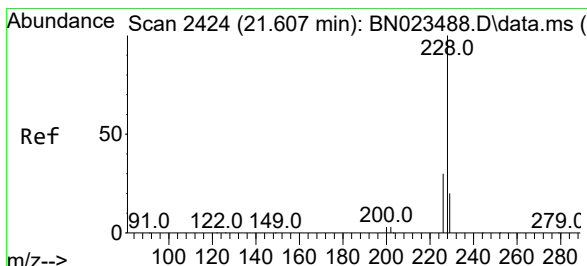
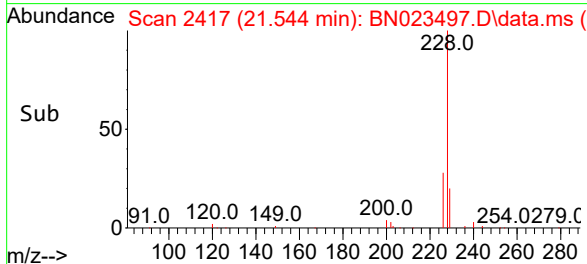
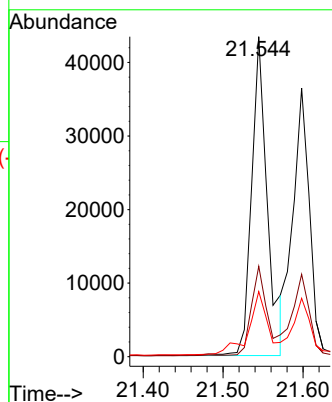
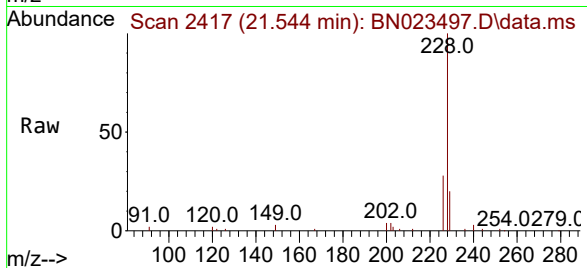




#32
Benzo(a)anthracene
Concen: 1.301 ng
RT: 21.544 min Scan# 2417
Delta R.T. -0.009 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

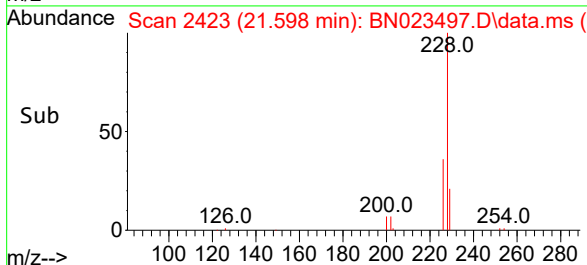
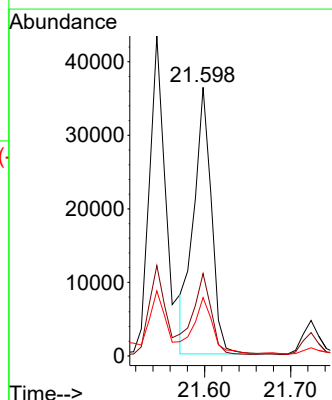
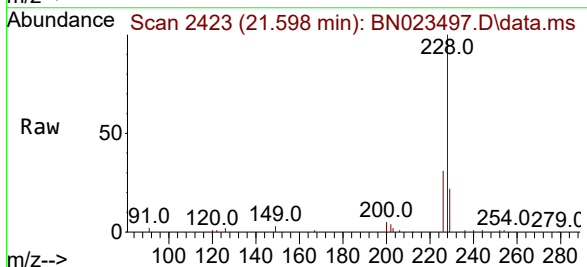
Instrument :
BNA_N
ClientSampleId :
TT-210-IDWSO-20221215

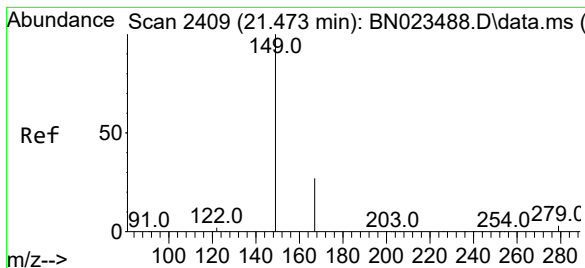
Tgt Ion:228 Resp: 59465
Ion Ratio Lower Upper
228 100
226 28.3 21.8 32.8
229 20.4 16.0 24.0



#33
Chrysene
Concen: 1.108 ng
RT: 21.598 min Scan# 2423
Delta R.T. -0.009 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

Tgt Ion:228 Resp: 52006
Ion Ratio Lower Upper
228 100
226 30.7 24.1 36.1
229 21.7 16.0 24.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.155 ng

RT: 21.464 min Scan# 2408

Delta R.T. -0.009 min

Lab File: BN023497.D

Acq: 27 Dec 2022 20:41

Instrument :

BNA_N

ClientSampleId :

TT-210-IDWSO-20221215

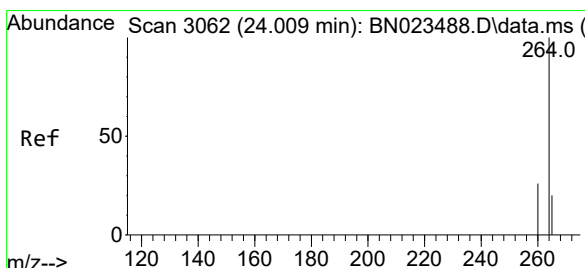
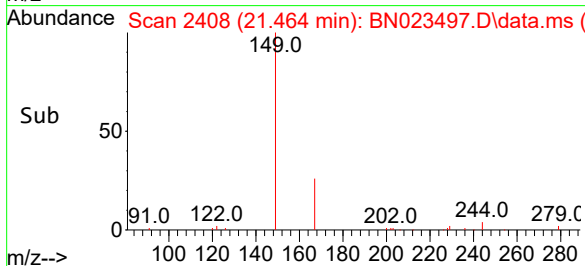
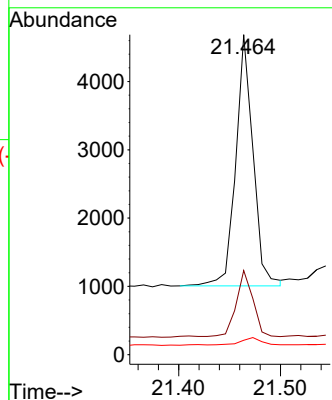
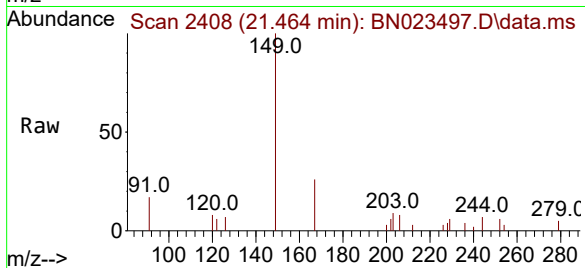
Tgt Ion:149 Resp: 4344

Ion Ratio Lower Upper

149 100

167 25.1 21.0 31.6

279 3.5 2.2 3.4#



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.001 min Scan# 3059

Delta R.T. -0.009 min

Lab File: BN023497.D

Acq: 27 Dec 2022 20:41

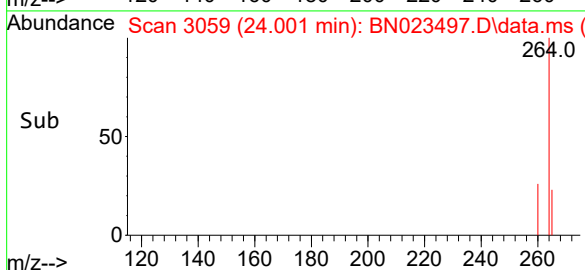
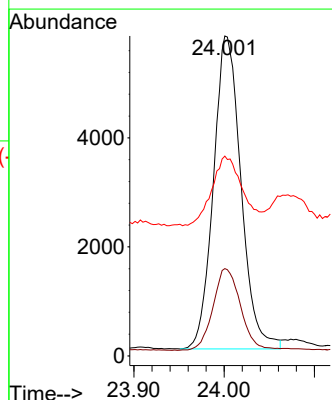
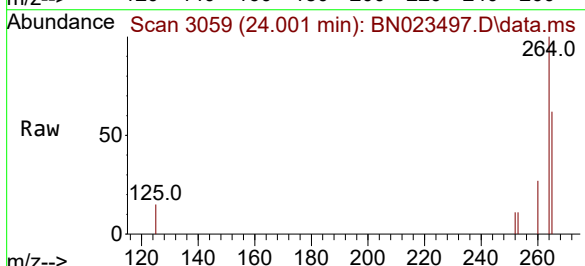
Tgt Ion:264 Resp: 12204

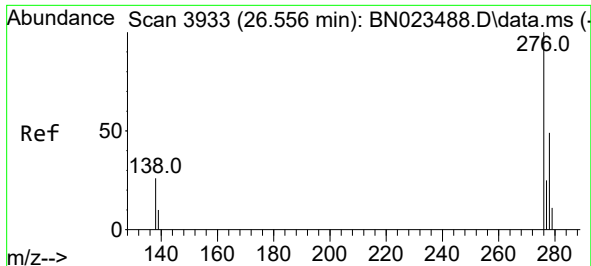
Ion Ratio Lower Upper

264 100

260 27.3 21.1 31.7

265 62.4 48.9 73.3

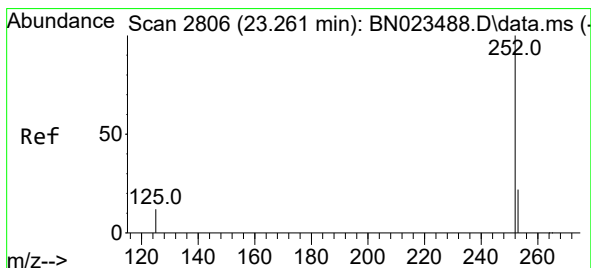
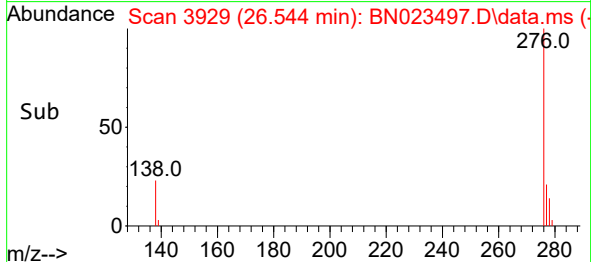
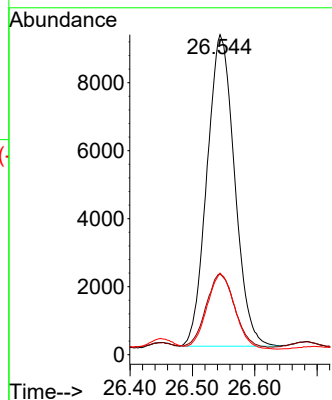
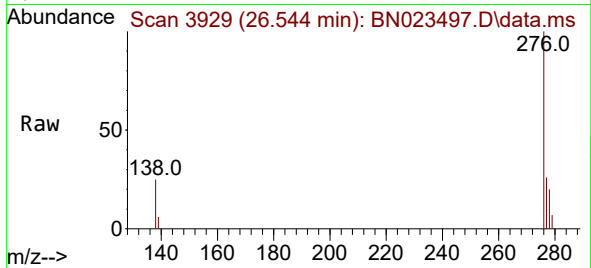




#36
Indeno(1,2,3-cd)pyrene
Concen: 0.618 ng
RT: 26.544 min Scan# 3933
Delta R.T. -0.012 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

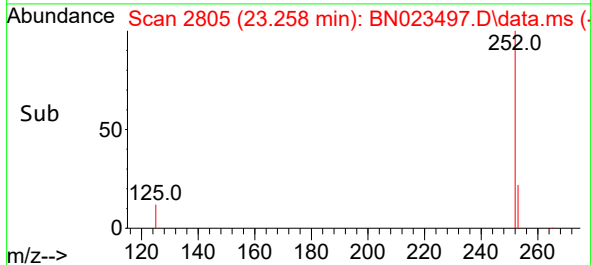
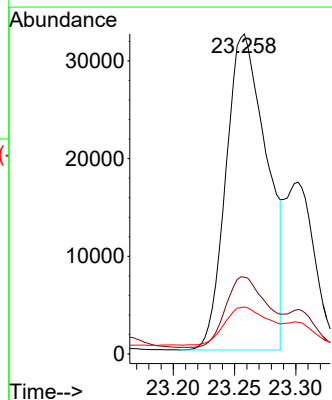
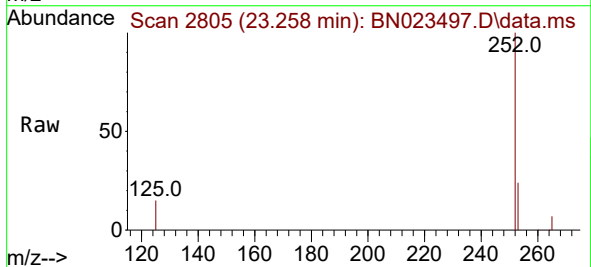
Instrument :
BNA_N
ClientSampleId :
TT-210-IDWSO-20221215

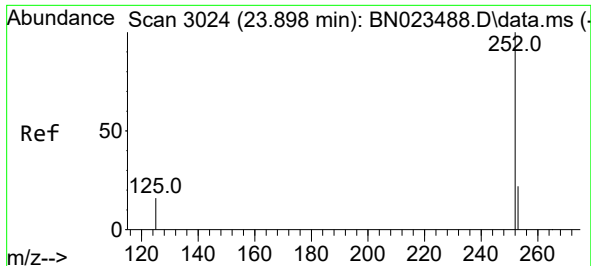
Tgt Ion:276 Resp: 28156
Ion Ratio Lower Upper
276 100
138 24.2 23.0 34.6
277 24.5 19.5 29.3



#37
Benzo(b)fluoranthene
Concen: 1.597 ng
RT: 23.258 min Scan# 2805
Delta R.T. -0.003 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

Tgt Ion:252 Resp: 74869
Ion Ratio Lower Upper
252 100
253 24.0 20.7 31.1
125 14.7 13.4 20.2

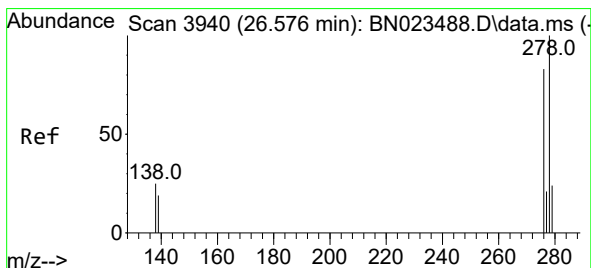
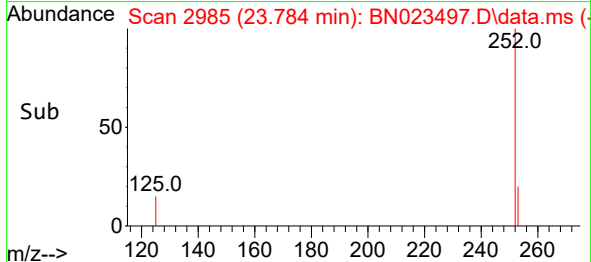
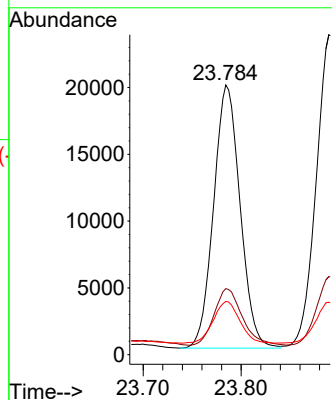
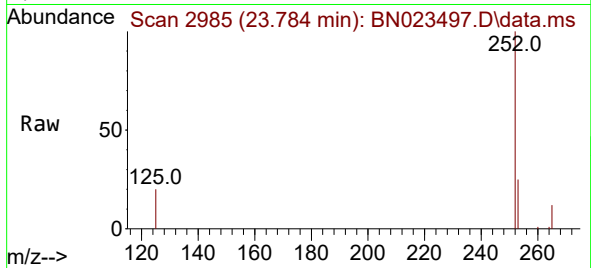




#39
Benzo(a)pyrene
Concen: 1.034 ng
RT: 23.784 min Scan# 2985
Delta R.T. -0.114 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

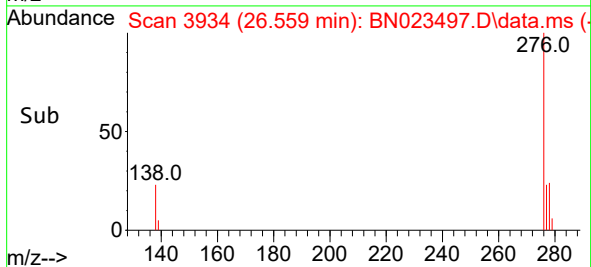
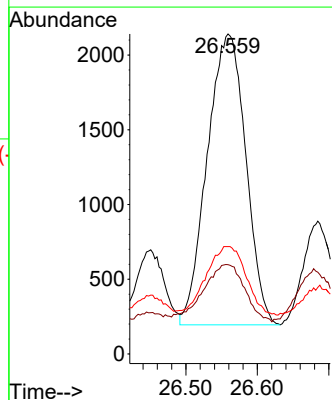
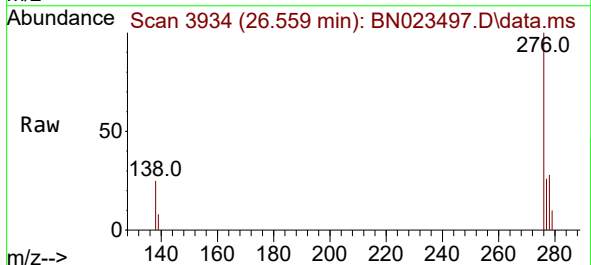
Instrument :
BNA_N
ClientSampleId :
TT-210-IDWSO-20221215

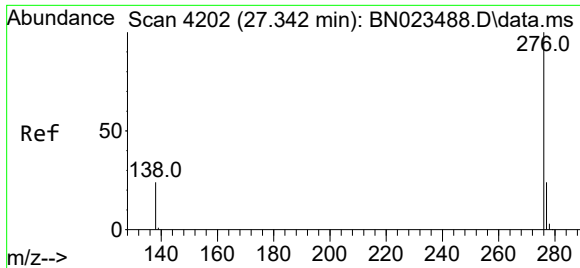
Tgt Ion:252 Resp: 37003
Ion Ratio Lower Upper
252 100
253 24.5 22.3 33.5
125 19.8 18.7 28.1



#40
Dibenzo(a,h)anthracene
Concen: 0.210 ng
RT: 26.559 min Scan# 3934
Delta R.T. -0.018 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

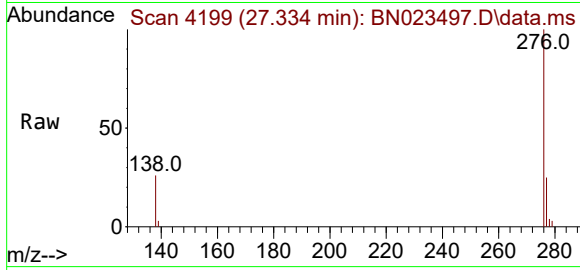
Tgt Ion:278 Resp: 7301
Ion Ratio Lower Upper
278 100
139 27.9 17.7 26.5#
279 33.6 22.2 33.2#





#41
Benzo(g,h,i)perylene
Concen: 0.713 ng
RT: 27.334 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN023497.D
Acq: 27 Dec 2022 20:41

Instrument :
BNA_N
ClientSampleId :
TT-210-IDWSO-20221215



Tgt Ion:276 Resp: 28617
Ion Ratio Lower Upper
276 100
277 24.7 20.0 30.0
138 26.1 20.6 31.0

