

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122722\
 Data File : BN023495.D
 Acq On : 27 Dec 2022 19:28
 Operator : CG/JU
 Sample : PB149847BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB149847BL

Quant Time: Dec 28 04:16:38 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

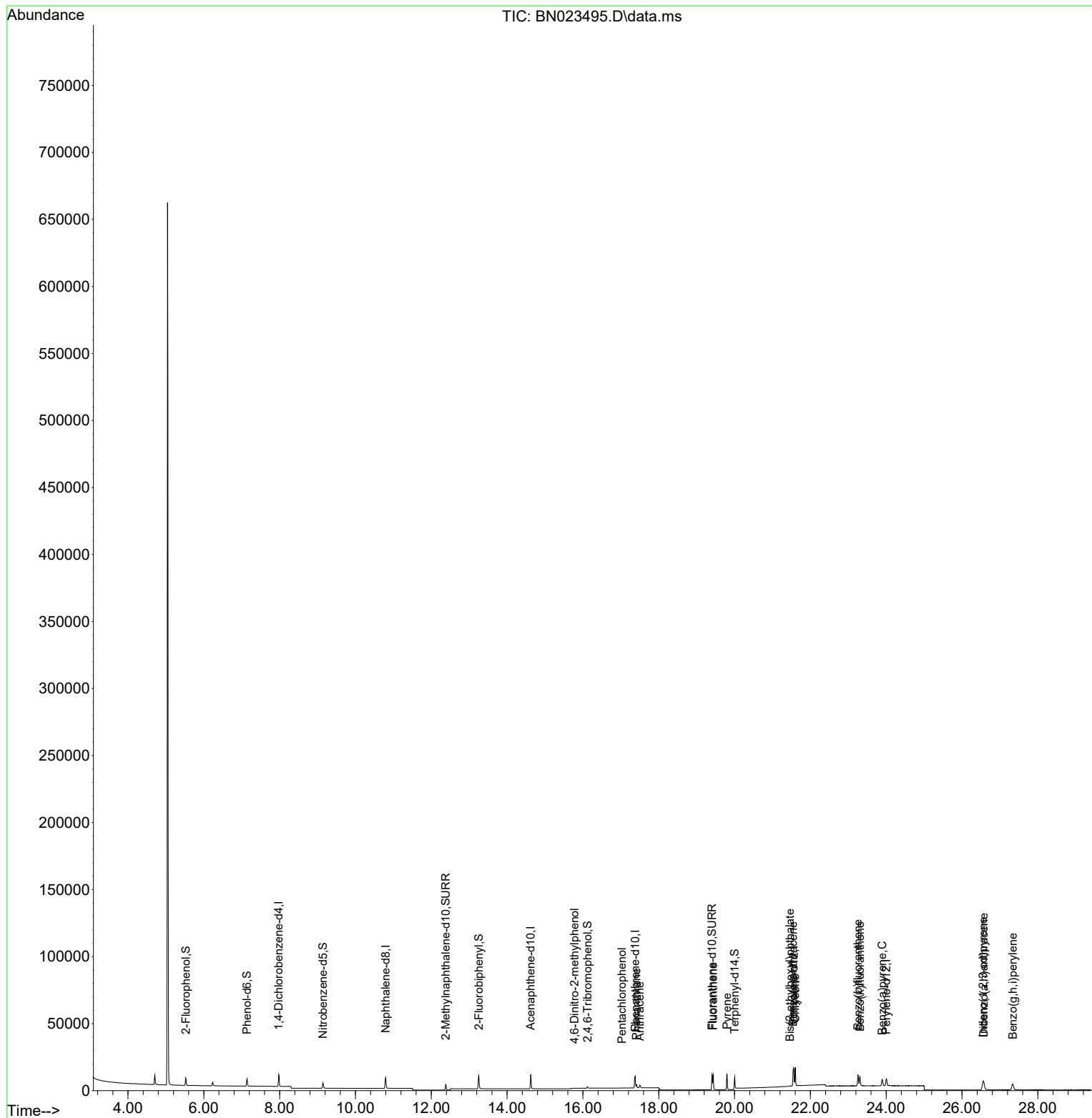
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	4101	0.400	ng	0.00
7) Naphthalene-d8	10.797	136	11228	0.400	ng	0.00
13) Acenaphthene-d10	14.623	164	5890	0.400	ng	0.00
19) Phenanthrene-d10	17.377	188	12822	0.400	ng	0.00
29) Chrysene-d12	21.562	240	9441	0.400	ng	# 0.00
35) Perylene-d12	24.004	264	7981	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.529	112	4397	0.484	ng	0.00
5) Phenol-d6	7.139	99	5106	0.458	ng	0.00
8) Nitrobenzene-d5	9.142	82	3412	0.388	ng	0.00
11) 2-Methylnaphthalene-d10	12.382	152	6658	0.407	ng	0.00
14) 2,4,6-Tribromophenol	16.124	330	779	0.270	ng	0.00
15) 2-Fluorobiphenyl	13.255	172	9668	0.414	ng	0.00
27) Fluoranthene-d10	19.405	212	12106	0.386	ng	0.00
31) Terphenyl-d14	20.000	244	10486	0.476	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	15.776	198	3	0.297	ng	# 1
24) Pentachlorophenol	17.030	266	7	0.172	ng	# 34
25) Phenanthrene	17.414	178	2287	0.063	ng	97
26) Anthracene	17.501	178	2287	0.075	ng	97
28) Fluoranthene	19.435	202	9989	0.243	ng	99
30) Pyrene	19.802	202	10765	0.305	ng	99
32) Benzo(a)anthracene	21.544	228	8986	0.286	ng	98
33) Chrysene	21.598	228	11980	0.371	ng	99
34) Bis(2-ethylhexyl)phtha...	21.464	149	526	0.027	ng	# 84
36) Indeno(1,2,3-cd)pyrene	26.553	276	10209	0.343	ng	99
37) Benzo(b)fluoranthene	23.255	252	10857	0.354	ng	96
38) Benzo(k)fluoranthene	23.308	252	9997	0.332	ng	# 95
39) Benzo(a)pyrene	23.892	252	7709	0.329	ng	# 91
40) Dibenzo(a,h)anthracene	26.573	278	7740	0.341	ng	98
41) Benzo(g,h,i)perylene	27.337	276	10286	0.392	ng	97

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

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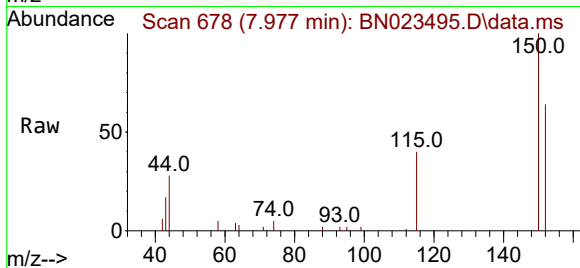
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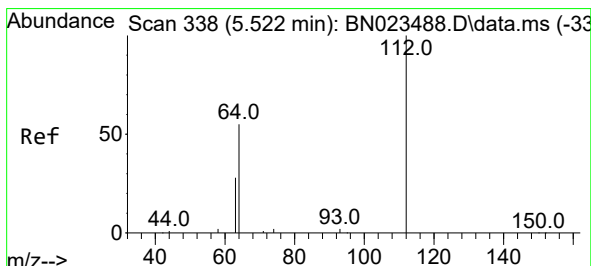
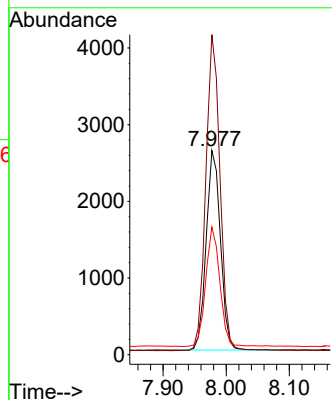
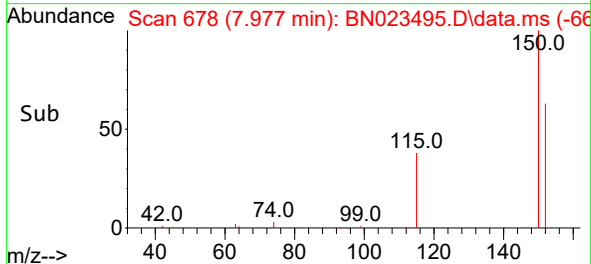


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.977 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN023495.D
 Acq: 27 Dec 2022 19:28

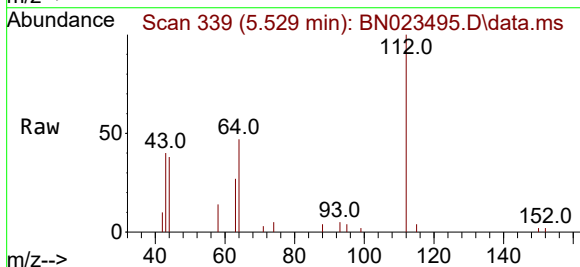
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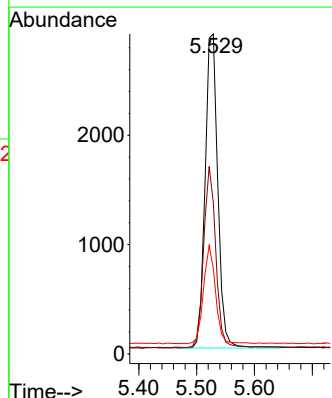
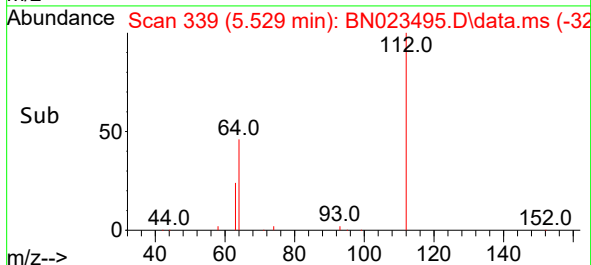
Tgt Ion:152 Resp: 4101
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.0 187.6
 115 62.6 48.8 73.2

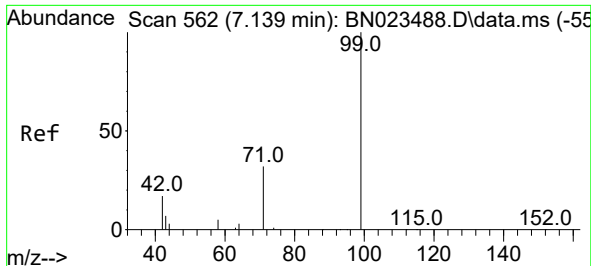


#4
 2-Fluorophenol
 Concen: 0.484 ng
 RT: 5.529 min Scan# 339
 Delta R.T. 0.007 min
 Lab File: BN023495.D
 Acq: 27 Dec 2022 19:28



Tgt Ion:112 Resp: 4397
 Ion Ratio Lower Upper
 112 100
 64 54.6 44.3 66.5
 63 29.4 23.8 35.6

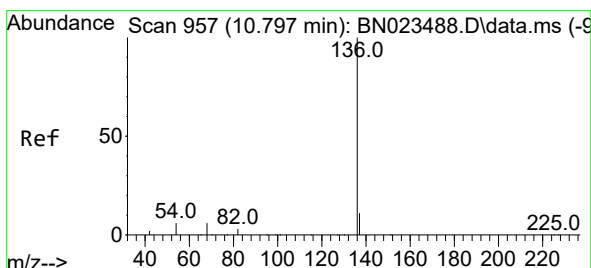
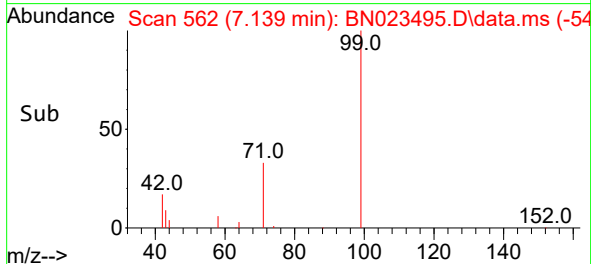
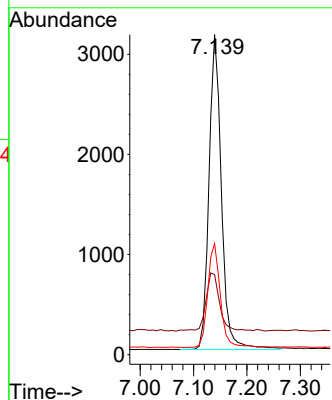
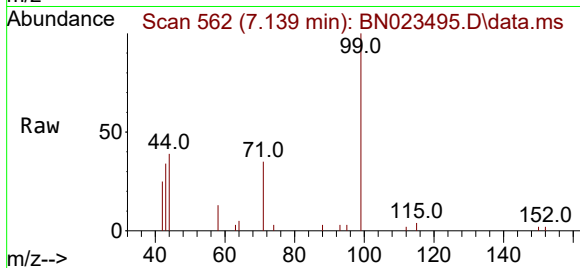




#5
Phenol-d6
Concen: 0.458 ng
RT: 7.139 min Scan# 562
Delta R.T. 0.000 min
Lab File: BN023495.D
Acq: 27 Dec 2022 19:28

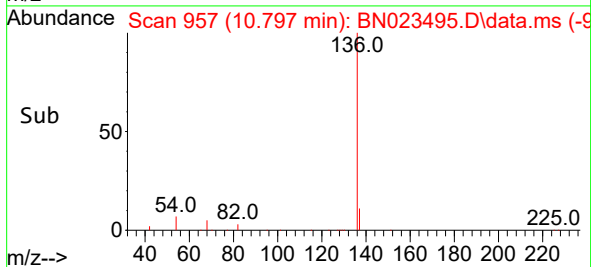
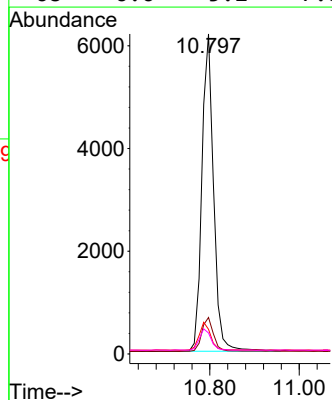
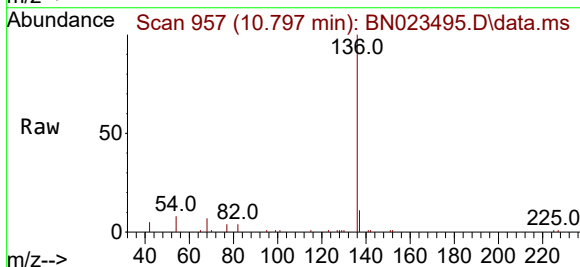
Instrument :
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ClientSampleId :
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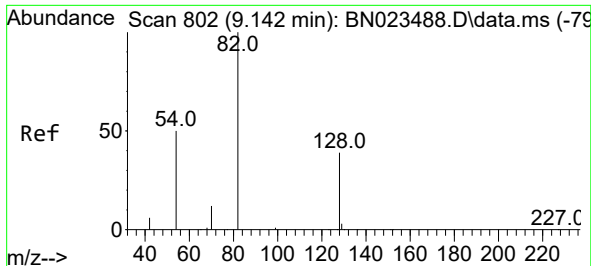
Tgt Ion: 99 Resp: 5106
Ion Ratio Lower Upper
99 100
42 19.9 16.8 25.2
71 33.7 27.0 40.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.797 min Scan# 957
Delta R.T. 0.000 min
Lab File: BN023495.D
Acq: 27 Dec 2022 19:28

Tgt Ion: 136 Resp: 11228
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 7.7 5.8 8.8
68 6.6 5.2 7.8

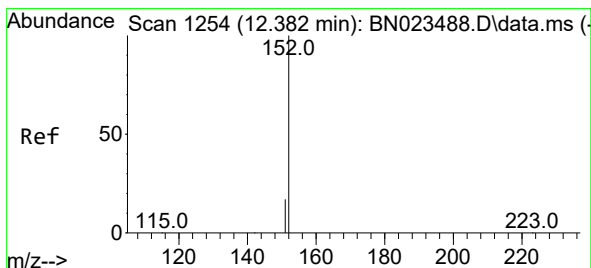
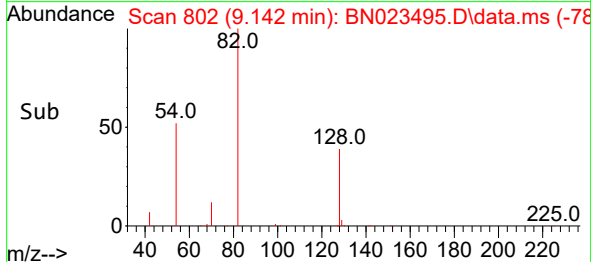
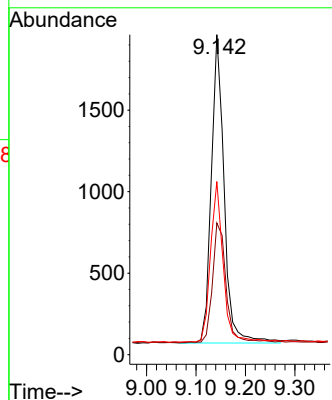
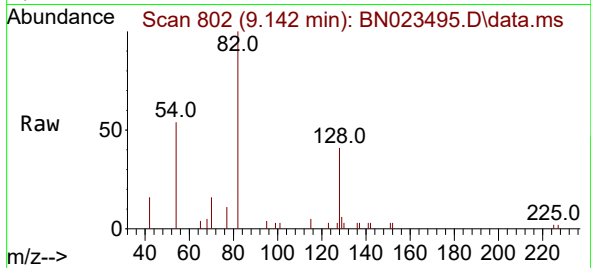




#8
Nitrobenzene-d5
Concen: 0.388 ng
RT: 9.142 min Scan# 802
Delta R.T. 0.000 min
Lab File: BN023495.D
Acq: 27 Dec 2022 19:28

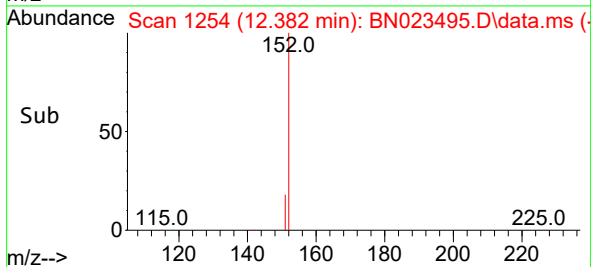
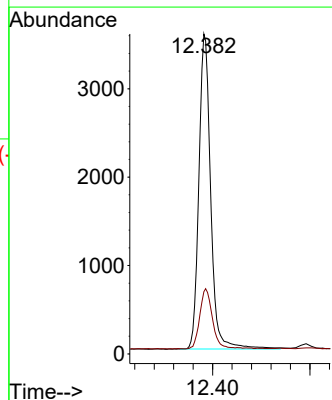
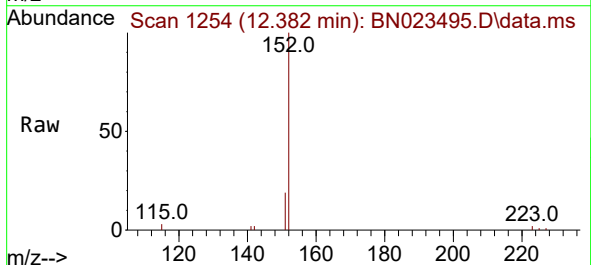
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ClientSampleId :
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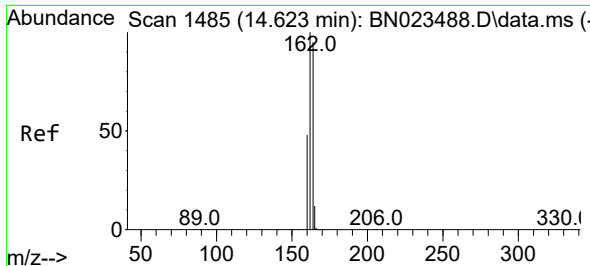
Tgt Ion: 82 Resp: 3412
Ion Ratio Lower Upper
82 100
128 41.2 32.6 49.0
54 54.1 41.4 62.0



#11
2-Methylnaphthalene-d10
Concen: 0.407 ng
RT: 12.382 min Scan# 1254
Delta R.T. 0.000 min
Lab File: BN023495.D
Acq: 27 Dec 2022 19:28

Tgt Ion: 152 Resp: 6658
Ion Ratio Lower Upper
152 100
151 18.3 14.8 22.2

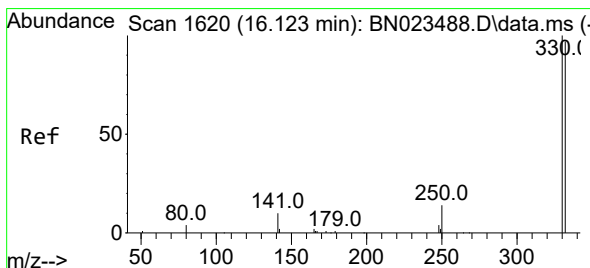
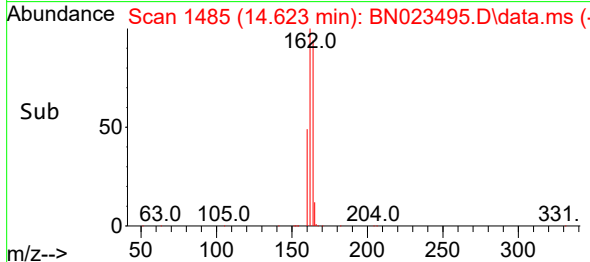
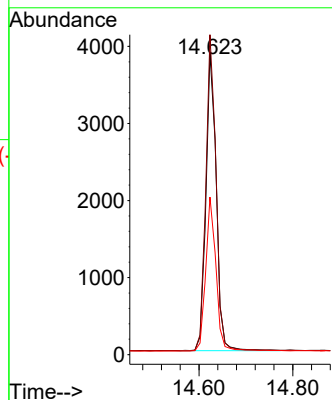
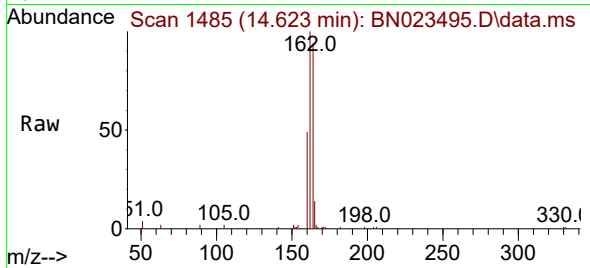




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.623 min Scan# 1485
Delta R.T. 0.000 min
Lab File: BN023495.D
Acq: 27 Dec 2022 19:28

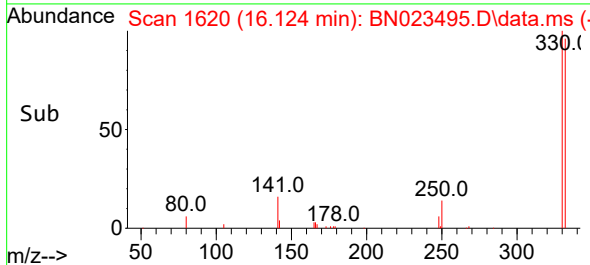
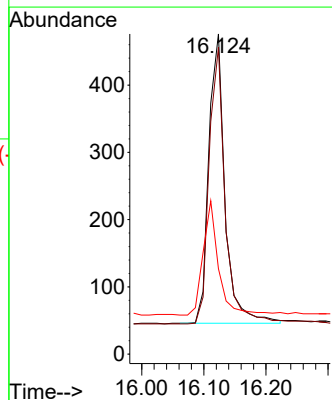
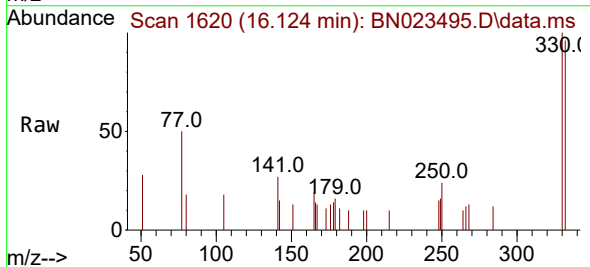
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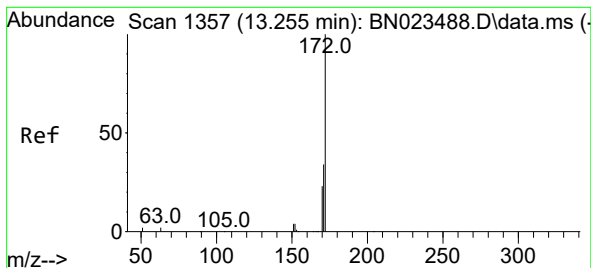
Tgt Ion:164 Resp: 5890
Ion Ratio Lower Upper
164 100
162 105.9 83.9 125.9
160 52.2 40.9 61.3



#14
2,4,6-Tribromophenol
Concen: 0.270 ng
RT: 16.124 min Scan# 1620
Delta R.T. 0.000 min
Lab File: BN023495.D
Acq: 27 Dec 2022 19:28

Tgt Ion:330 Resp: 779
Ion Ratio Lower Upper
330 100
332 94.7 76.7 115.1
141 38.0 29.8 44.6





#15

2-Fluorobiphenyl

Concen: 0.414 ng

RT: 13.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN023495.D

Acq: 27 Dec 2022 19:28

Instrument :

BNA_N

ClientSampleId :

PB149847BL

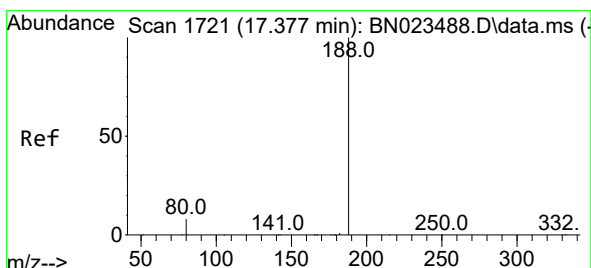
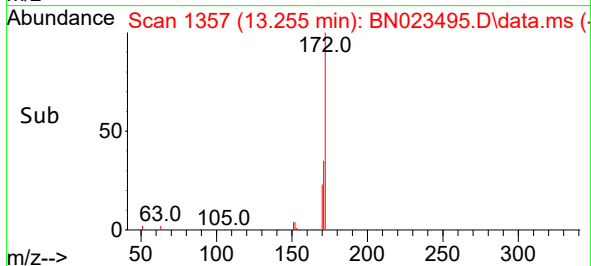
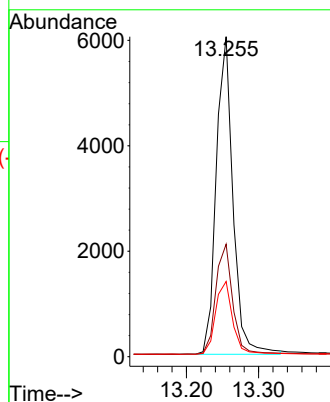
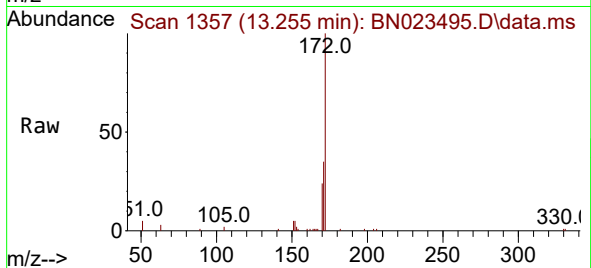
Tgt Ion:172 Resp: 9668

Ion Ratio Lower Upper

172 100

171 35.2 27.6 41.4

170 23.5 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.377 min Scan# 1721

Delta R.T. 0.000 min

Lab File: BN023495.D

Acq: 27 Dec 2022 19:28

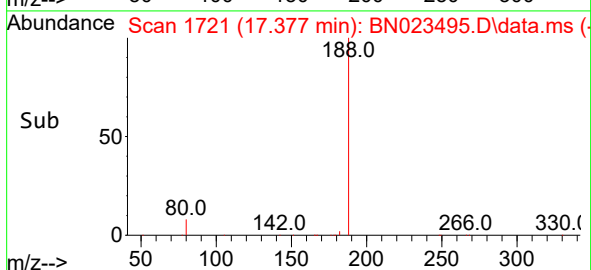
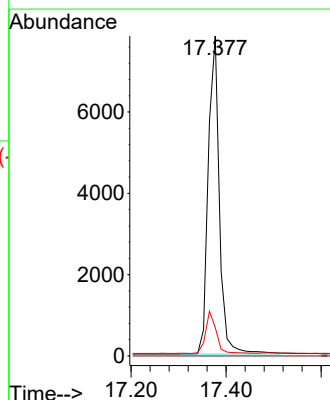
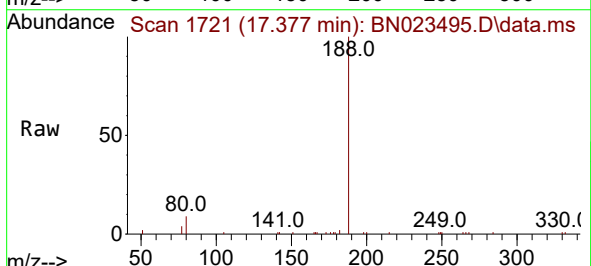
Tgt Ion:188 Resp: 12822

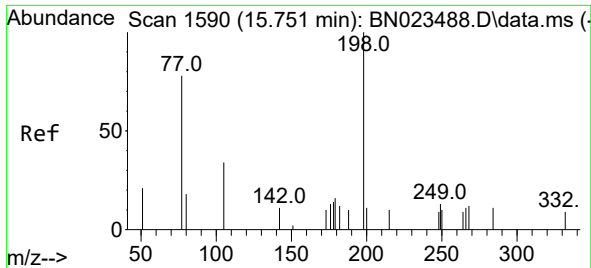
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.9 6.7 10.1

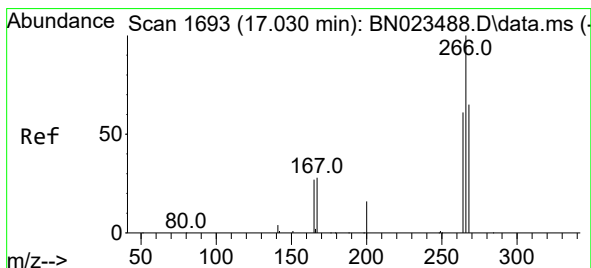
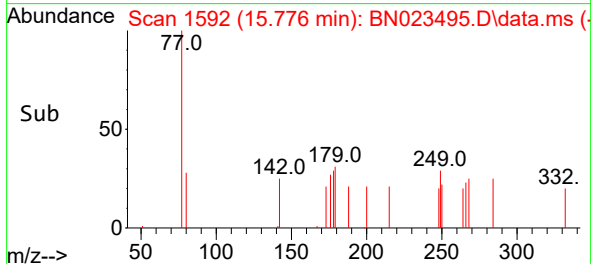
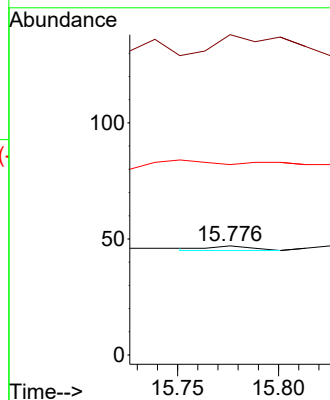
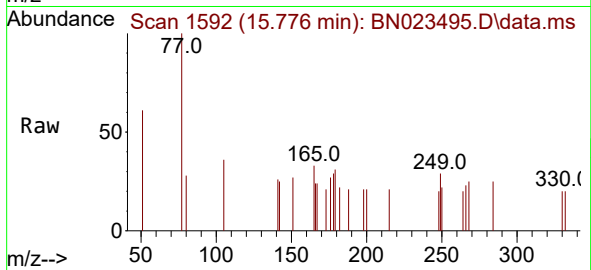




#20
4,6-Dinitro-2-methylphenol
Concen: 0.297 ng
RT: 15.776 min Scan# 1592
Delta R.T. 0.025 min
Lab File: BN023495.D
Acq: 27 Dec 2022 19:28

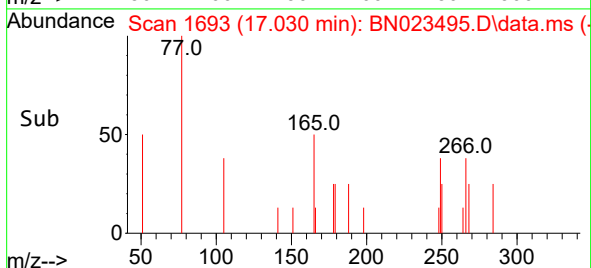
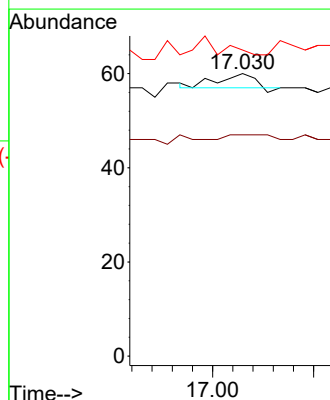
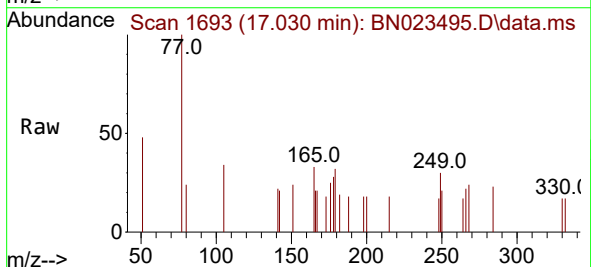
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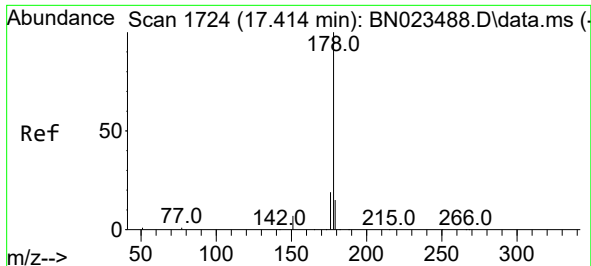
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 293.6 48.2 72.4#
105 174.5 41.0 61.4#



#24
Pentachlorophenol
Concen: 0.172 ng
RT: 17.030 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BN023495.D
Acq: 27 Dec 2022 19:28

Tgt Ion:266 Resp: 7
Ion Ratio Lower Upper
266 100
264 100.0 49.7 74.5#
268 0.0 51.4 77.0#

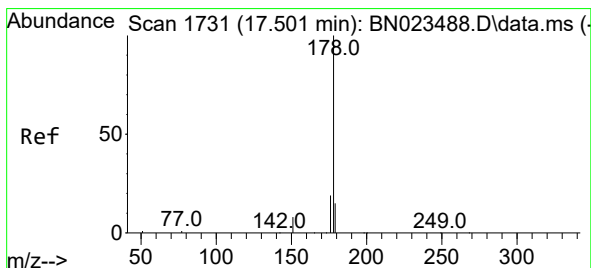
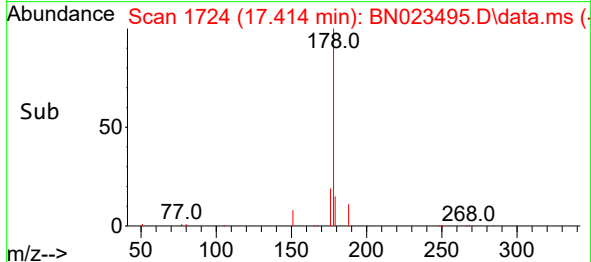
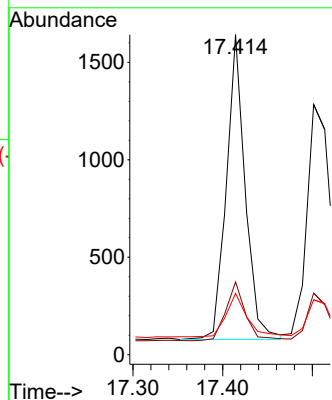
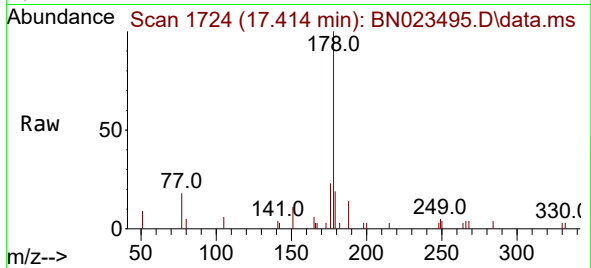




#25
Phenanthrene
Concen: 0.063 ng
RT: 17.414 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BN023495.D
Acq: 27 Dec 2022 19:28

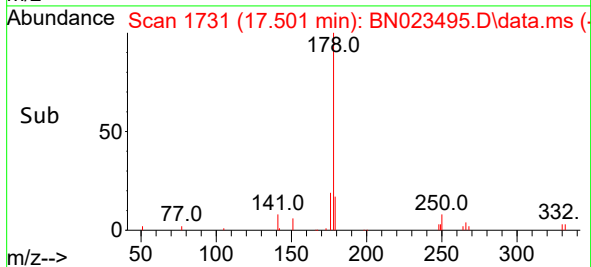
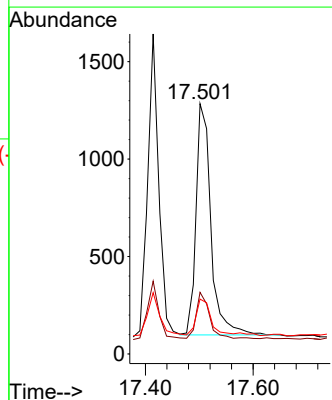
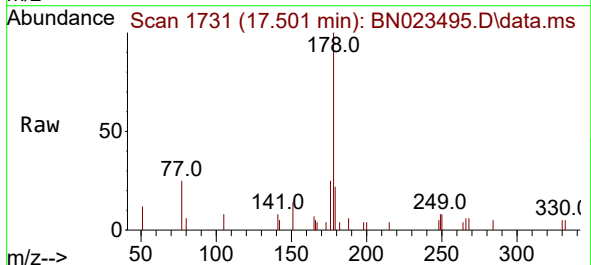
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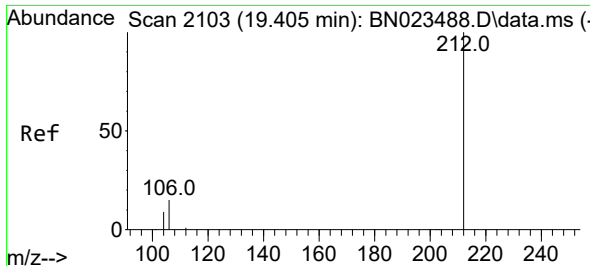
Tgt Ion:178 Resp: 2287
Ion Ratio Lower Upper
178 100
176 20.1 15.7 23.5
179 17.8 12.2 18.4



#26
Anthracene
Concen: 0.075 ng
RT: 17.501 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN023495.D
Acq: 27 Dec 2022 19:28

Tgt Ion:178 Resp: 2287
Ion Ratio Lower Upper
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176 17.8 15.0 22.6
179 16.6 12.3 18.5

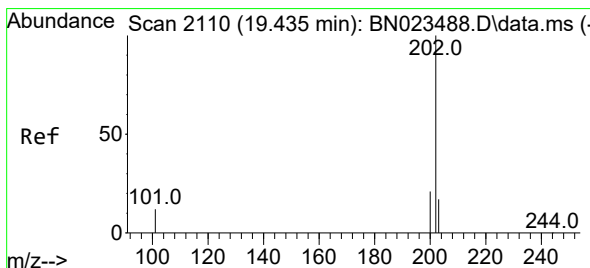
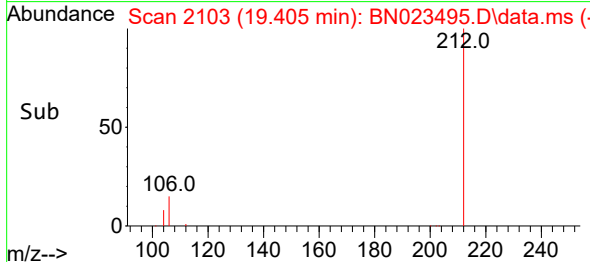
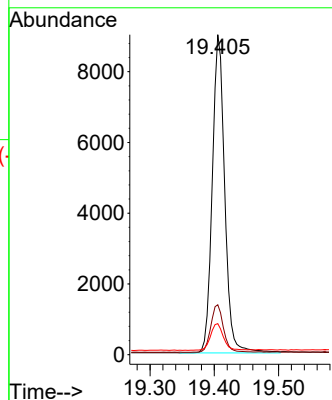
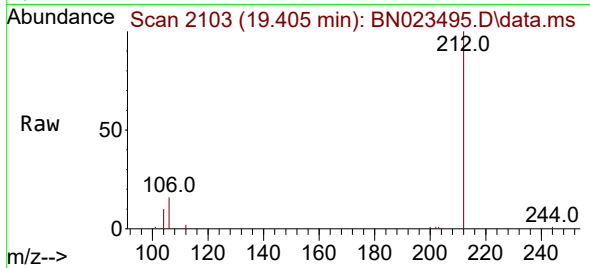




#27
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.405 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BN023495.D
Acq: 27 Dec 2022 19:28

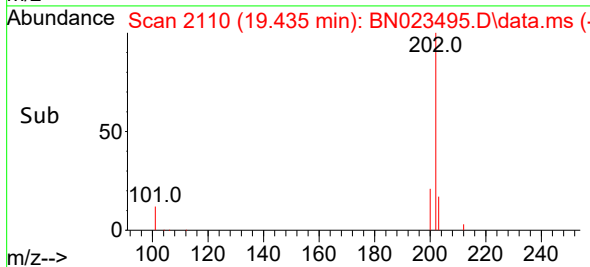
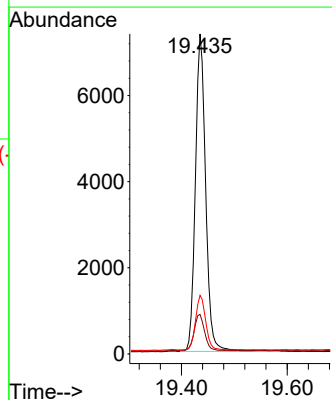
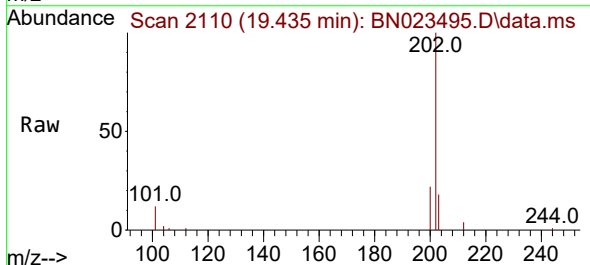
Instrument :
BNA_N
ClientSampleId :
PB149847BL

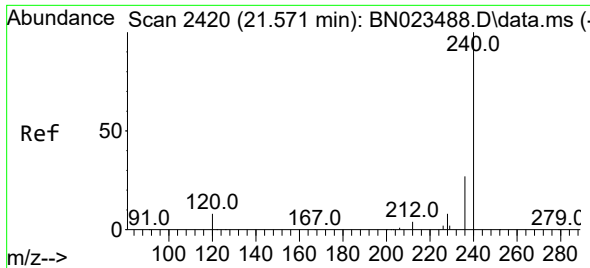
Tgt Ion:212 Resp: 12106
Ion Ratio Lower Upper
212 100
106 15.2 12.3 18.5
104 8.7 6.8 10.2



#28
Fluoranthene
Concen: 0.243 ng
RT: 19.435 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN023495.D
Acq: 27 Dec 2022 19:28

Tgt Ion:202 Resp: 9989
Ion Ratio Lower Upper
202 100
101 12.2 9.6 14.4
203 17.0 13.8 20.8

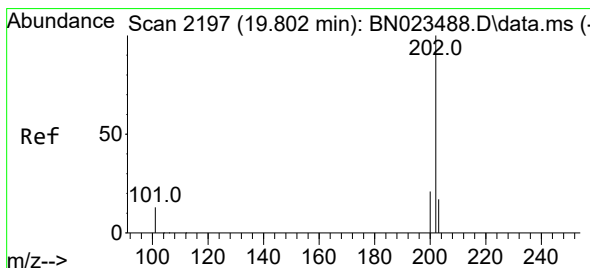
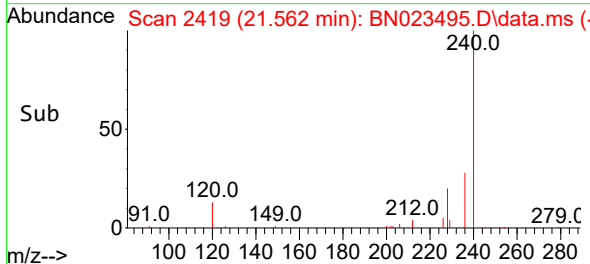
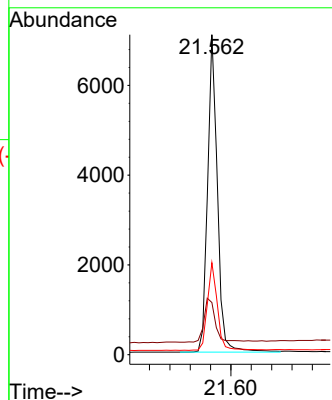
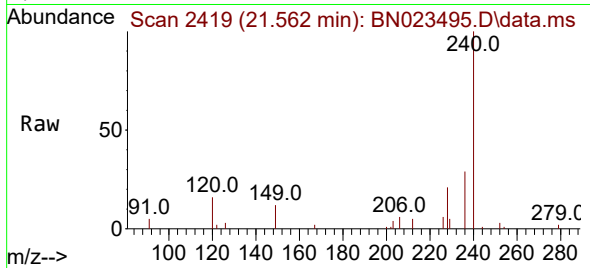




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.562 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BN023495.D
Acq: 27 Dec 2022 19:28

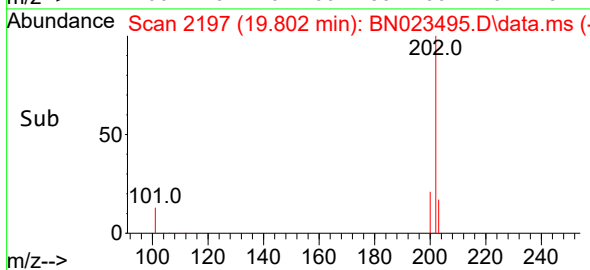
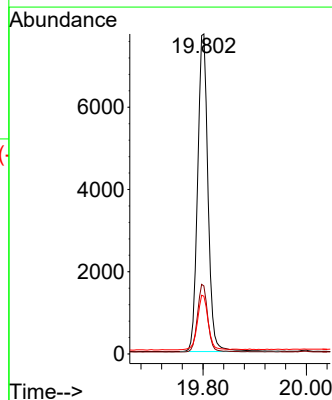
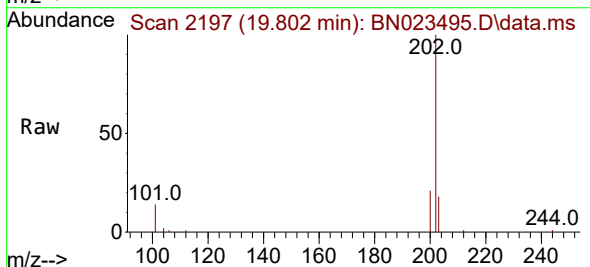
Instrument :
BNA_N
ClientSampleId :
PB149847BL

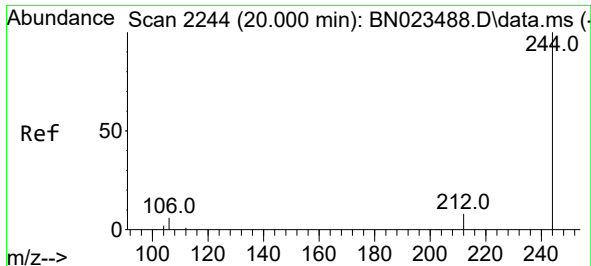
Tgt Ion:240 Resp: 9441
Ion Ratio Lower Upper
240 100
120 16.3 8.9 13.3#
236 28.8 22.5 33.7



#30
Pyrene
Concen: 0.305 ng
RT: 19.802 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BN023495.D
Acq: 27 Dec 2022 19:28

Tgt Ion:202 Resp: 10765
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.6 14.4 21.6

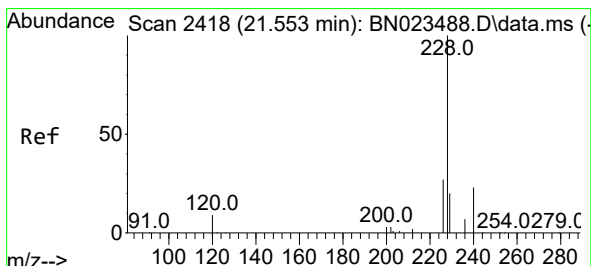
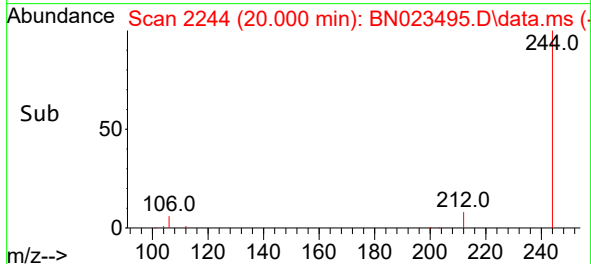
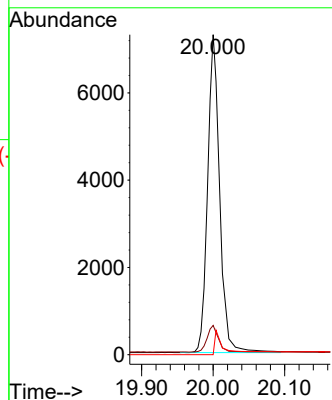
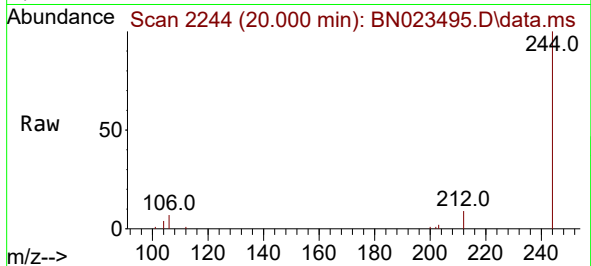




#31
 Terphenyl-d14
 Concen: 0.476 ng
 RT: 20.000 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN023495.D
 Acq: 27 Dec 2022 19:28

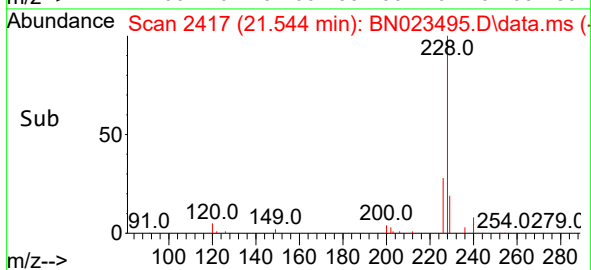
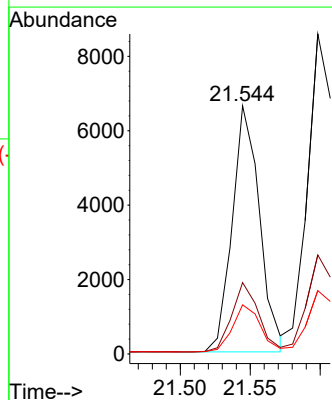
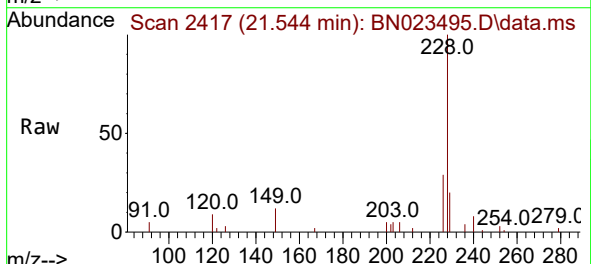
Instrument :
 BNA_N
 ClientSampleId :
 PB149847BL

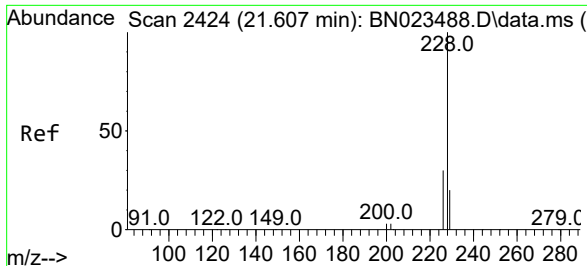
Tgt Ion:244 Resp: 10486
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.4 11.0
 122 0.0 0.0 0.0



#32
 Benzo(a)anthracene
 Concen: 0.286 ng
 RT: 21.544 min Scan# 2417
 Delta R.T. -0.009 min
 Lab File: BN023495.D
 Acq: 27 Dec 2022 19:28

Tgt Ion:228 Resp: 8986
 Ion Ratio Lower Upper
 228 100
 226 28.8 21.8 32.8
 229 19.8 16.0 24.0





#33

Chrysene

Concen: 0.371 ng

RT: 21.598 min Scan# 2423

Delta R.T. -0.009 min

Lab File: BN023495.D

Acq: 27 Dec 2022 19:28

Instrument :

BNA_N

ClientSampleId :

PB149847BL

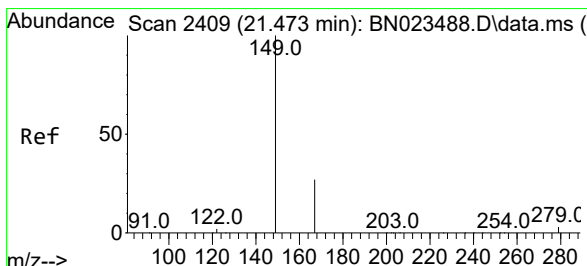
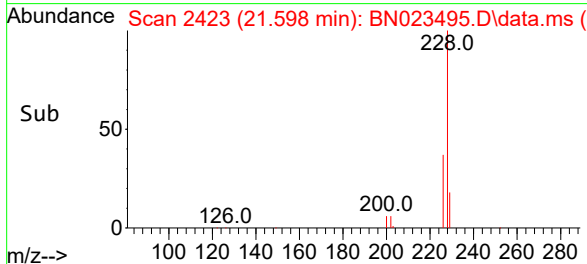
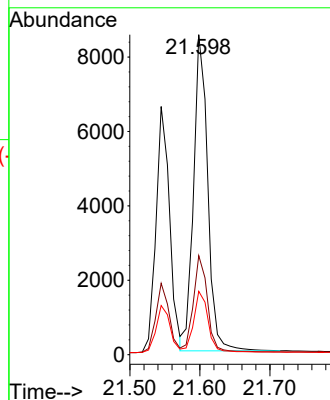
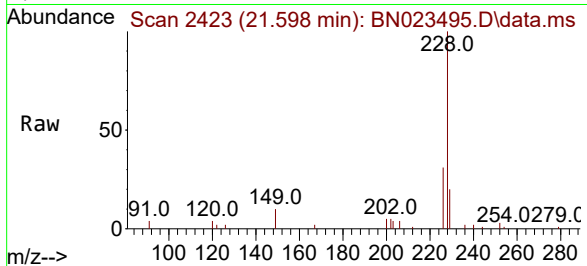
Tgt Ion:228 Resp: 11980

Ion Ratio Lower Upper

228 100

226 31.0 24.1 36.1

229 19.8 16.0 24.0



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.027 ng

RT: 21.464 min Scan# 2408

Delta R.T. -0.009 min

Lab File: BN023495.D

Acq: 27 Dec 2022 19:28

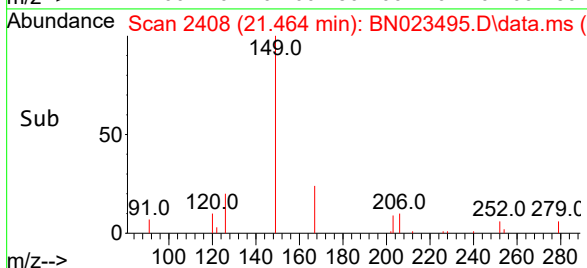
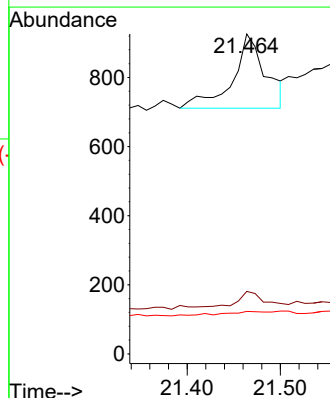
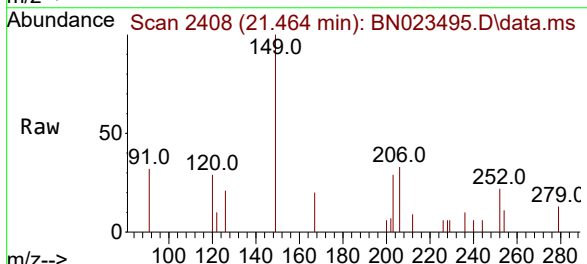
Tgt Ion:149 Resp: 526

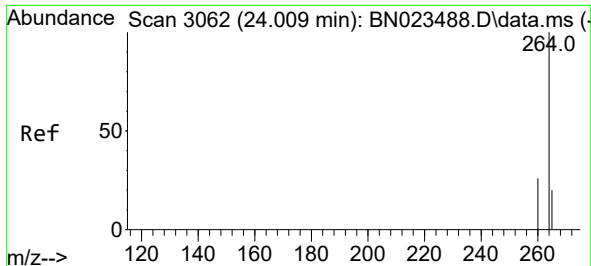
Ion Ratio Lower Upper

149 100

167 18.3 21.0 31.6#

279 7.8 2.2 3.4#

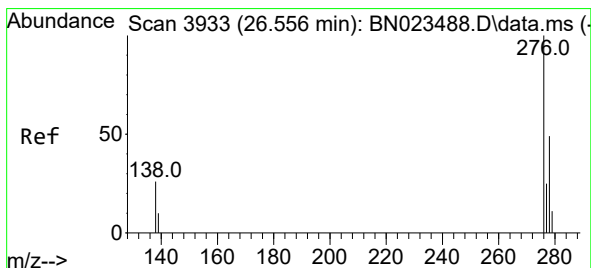
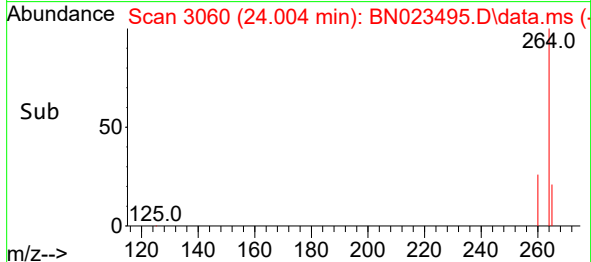
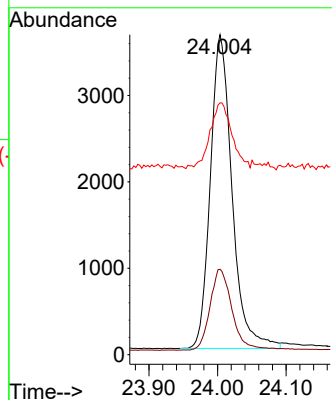
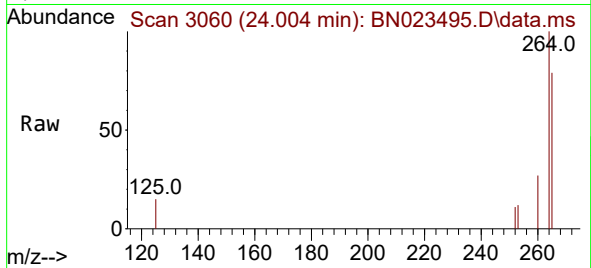




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.004 min Scan# 3060
 Delta R.T. -0.006 min
 Lab File: BN023495.D
 Acq: 27 Dec 2022 19:28

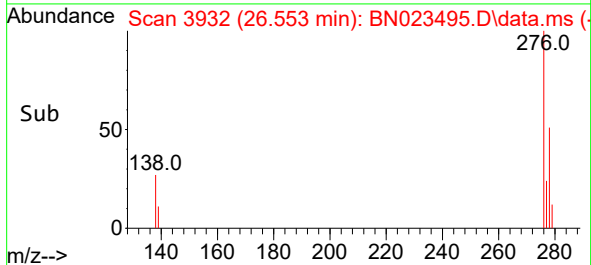
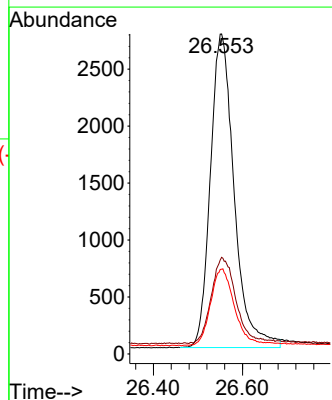
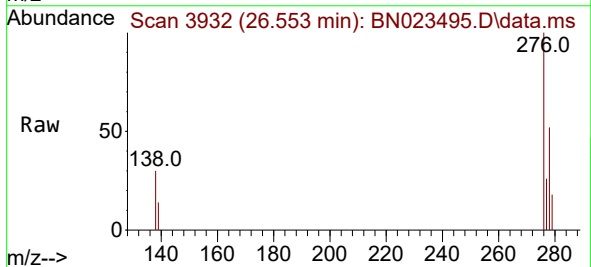
Instrument :
 BNA_N
 ClientSampleId :
 PB149847BL

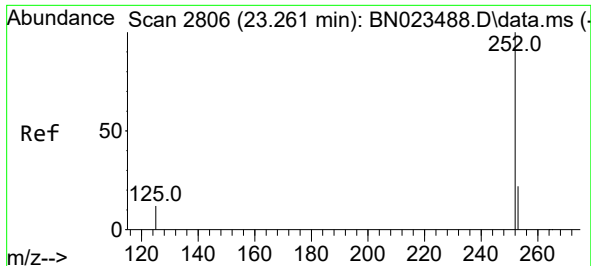
Tgt Ion:264 Resp: 7981
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.1 31.7
 265 78.7 48.9 73.3#



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.343 ng
 RT: 26.553 min Scan# 3932
 Delta R.T. -0.003 min
 Lab File: BN023495.D
 Acq: 27 Dec 2022 19:28

Tgt Ion:276 Resp: 10209
 Ion Ratio Lower Upper
 276 100
 138 27.9 23.0 34.6
 277 24.2 19.5 29.3

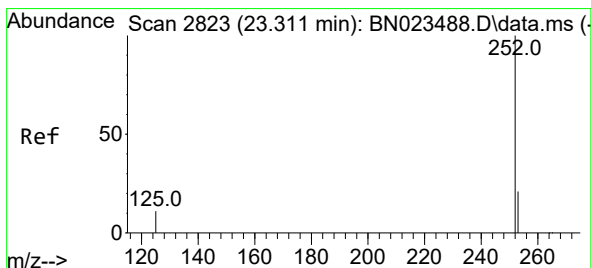
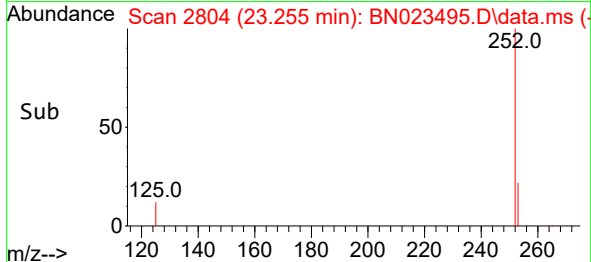
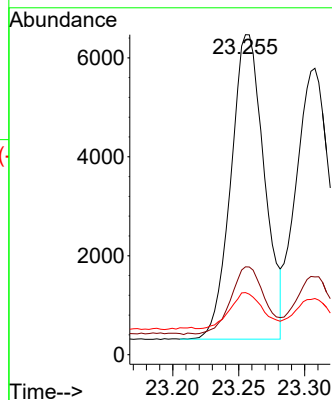
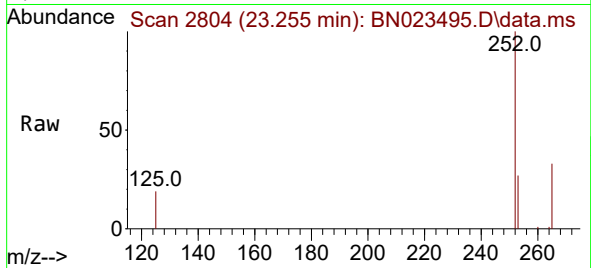




#37
Benzo(b)fluoranthene
Concen: 0.354 ng
RT: 23.255 min Scan# 2804
Delta R.T. -0.006 min
Lab File: BN023495.D
Acq: 27 Dec 2022 19:28

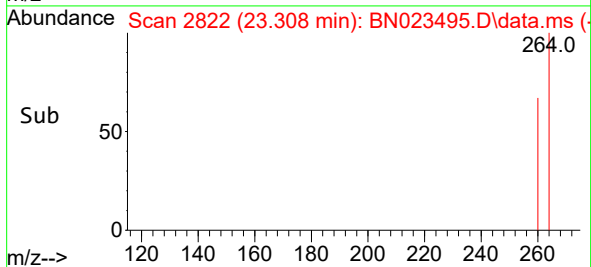
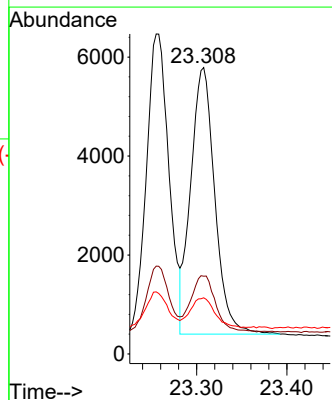
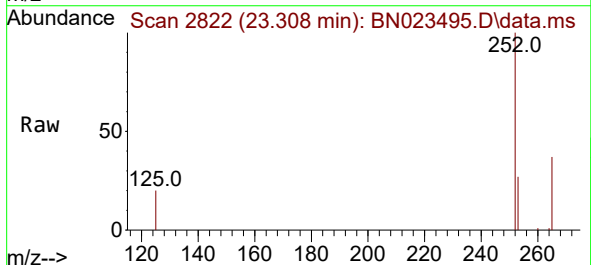
Instrument :
BNA_N
ClientSampleId :
PB149847BL

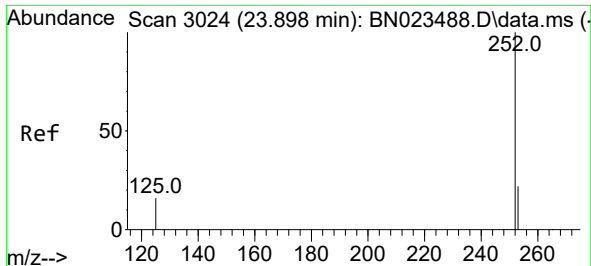
Tgt Ion:252 Resp: 10857
Ion Ratio Lower Upper
252 100
253 27.4 20.7 31.1
125 19.4 13.4 20.2



#38
Benzo(k)fluoranthene
Concen: 0.332 ng
RT: 23.308 min Scan# 2822
Delta R.T. -0.003 min
Lab File: BN023495.D
Acq: 27 Dec 2022 19:28

Tgt Ion:252 Resp: 9997
Ion Ratio Lower Upper
252 100
253 27.2 20.2 30.4
125 19.6 13.0 19.6#





#39

Benzo(a)pyrene

Concen: 0.329 ng

RT: 23.892 min Scan# 3022

Delta R.T. -0.006 min

Lab File: BN023495.D

Acq: 27 Dec 2022 19:28

Instrument :

BNA_N

ClientSampleId :

PB149847BL

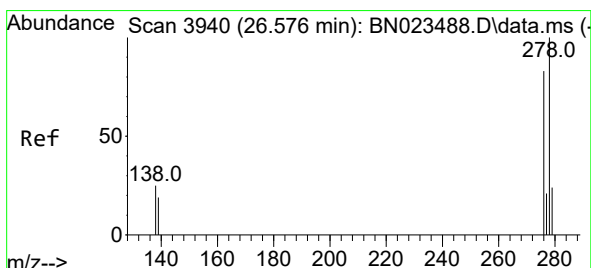
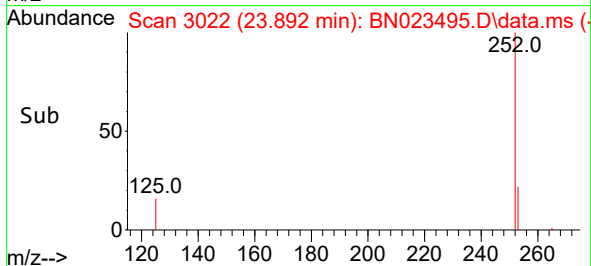
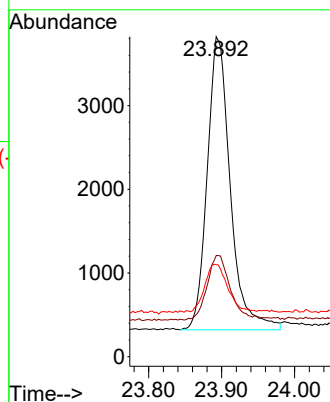
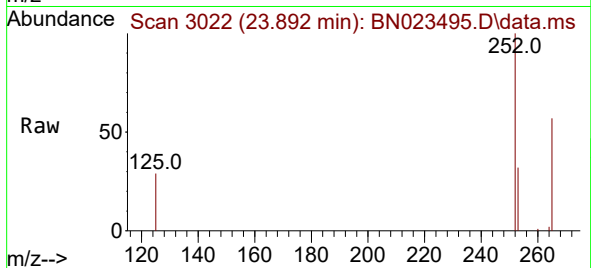
Tgt Ion:252 Resp: 7709

Ion Ratio Lower Upper

252 100

253 31.6 22.3 33.5

125 28.7 18.7 28.1#



#40

Dibenzo(a,h)anthracene

Concen: 0.341 ng

RT: 26.573 min Scan# 3939

Delta R.T. -0.003 min

Lab File: BN023495.D

Acq: 27 Dec 2022 19:28

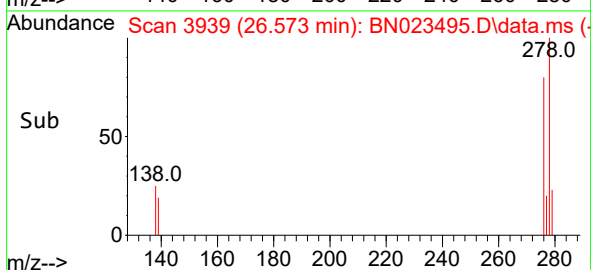
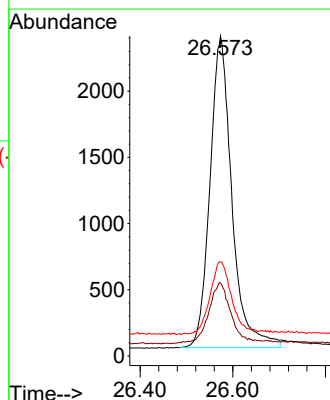
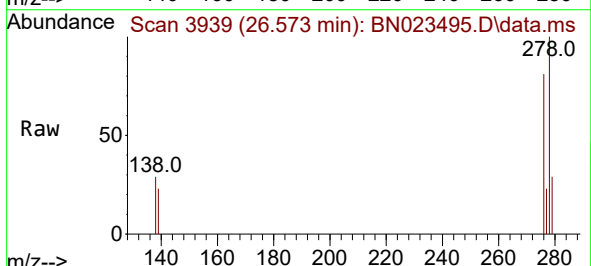
Tgt Ion:278 Resp: 7740

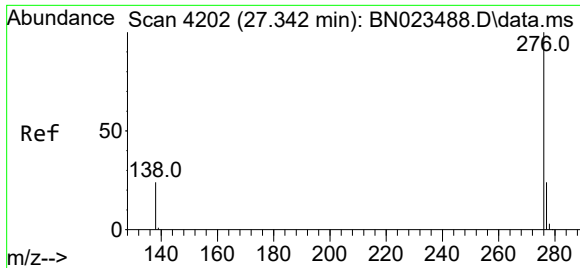
Ion Ratio Lower Upper

278 100

139 22.8 17.7 26.5

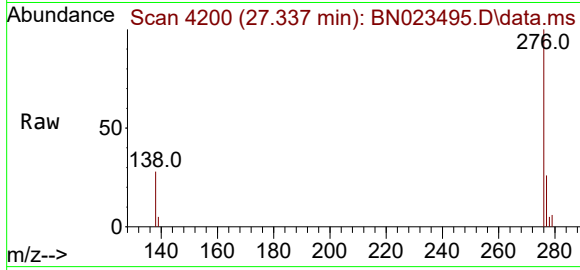
279 29.4 22.2 33.2





#41
Benzo(g,h,i)perylene
Concen: 0.392 ng
RT: 27.337 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN023495.D
Acq: 27 Dec 2022 19:28

Instrument :
BNA_N
ClientSampleId :
PB149847BL



Tgt Ion:276 Resp: 10286
Ion Ratio Lower Upper
276 100
277 25.7 20.0 30.0
138 28.1 20.6 31.0

