

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
 Data File : BN025427.D
 Acq On : 12 May 2023 07:28
 Operator : CG/JU
 Sample : 02722-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CO-54926

Quant Time: May 12 07:58:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 00:57:16 2023
 Response via : Initial Calibration

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

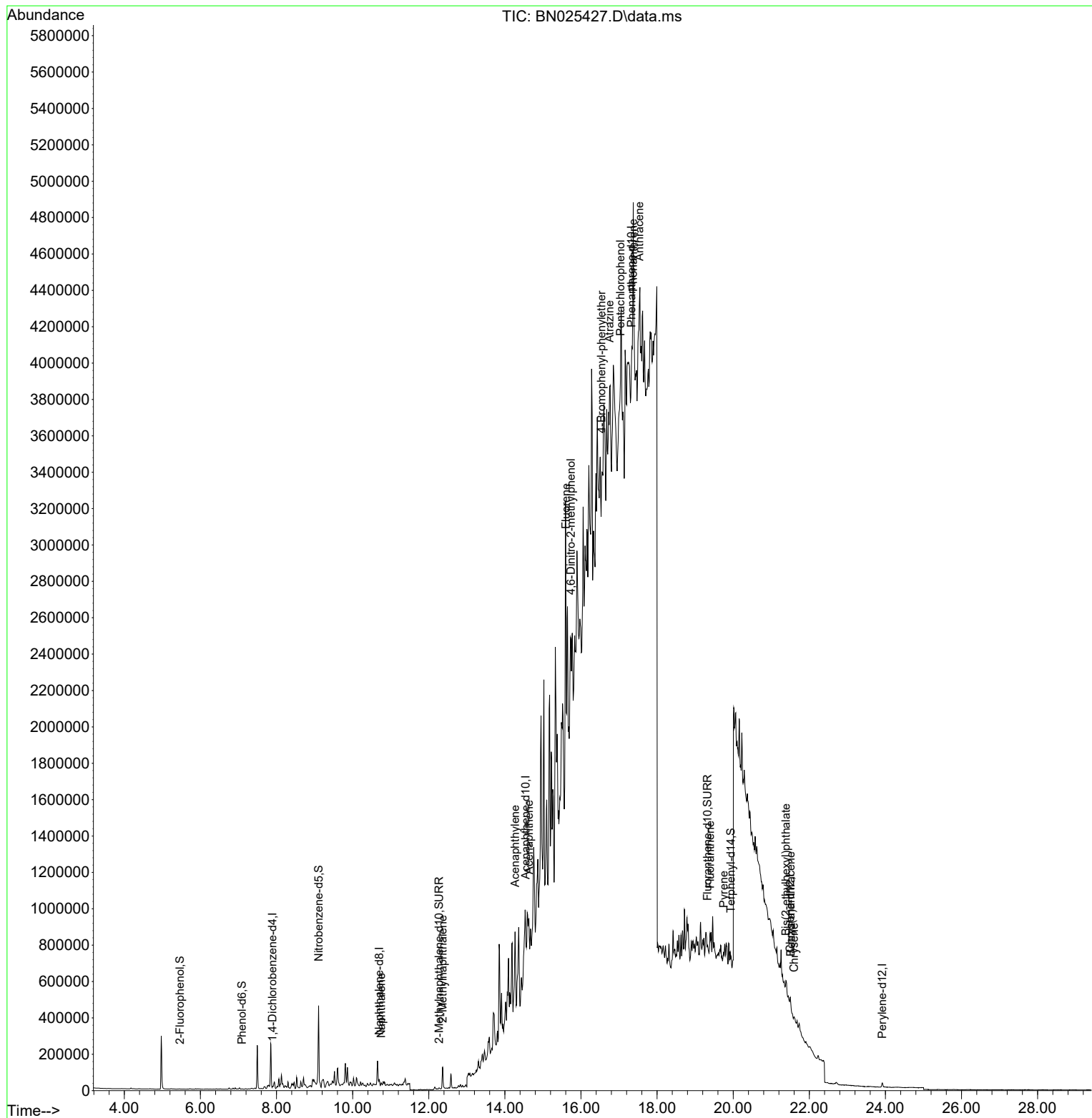
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.897	152	7929	0.400	ng	0.00
7) Naphthalene-d8	10.696	136	28669	0.400	ng	#-0.01
13) Acenaphthene-d10	14.544	164	98776	0.400	ng	# 0.00
19) Phenanthrene-d10	17.323	188	55295	0.400	ng	# 0.02
29) Chrysene-d12	21.500	240	38012	0.400	ng	# 0.00
35) Perylene-d12	23.919	264	32373	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	724	0.039	ng	0.00
5) Phenol-d6	7.088	99	581	0.023	ng	0.00
8) Nitrobenzene-d5	9.106	82	6306	0.272	ng	0.02
11) 2-Methylnaphthalene-d10	12.271	152	1883	0.050	ng	-0.03
14) 2,4,6-Tribromophenol	16.057	330	440	0.008	ng	0.00
15) 2-Fluorobiphenyl	13.165	172	3259	0.010	ng	-0.01
27) Fluoranthene-d10	19.325	212	23284	0.184	ng	0.00
31) Terphenyl-d14	19.941	244	14362	0.157	ng	0.02
Target Compounds						Qvalue
9) Naphthalene	10.750	128	20432	0.283	ng	# 89
12) 2-Methylnaphthalene	12.366	142	86318	1.729	ng	97
16) Acenaphthylene	14.266	152	173022	0.377	ng	# 1
17) Acenaphthene	14.630	154	14164	0.052	ng	# 1
18) Fluorene	15.603	166	176620	0.491	ng	# 69
20) 4,6-Dinitro-2-methylph...	15.734	198	37605	5.129	ng	# 1
21) 4-Bromophenyl-phenylether	16.541	248	29740	0.954	ng	# 1
23) Atrazine	16.752	200	70240	2.776	ng	# 1
24) Pentachlorophenol	17.038	266	50806	2.780	ng	# 39
25) Phenanthrene	17.373	178	1338787	8.945	ng	# 84
26) Anthracene	17.534	178	226906	1.563	ng	# 1
28) Fluoranthene	19.393	202	117996	0.680	ng	# 69
30) Pyrene	19.747	202	36018	0.225	ng	# 50
32) Benzo(a)anthracene	21.509	228	15093	0.117	ng	# 1
33) Chrysene	21.598	228	3782	0.030	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.383	149	65959	0.528	ng	# 45

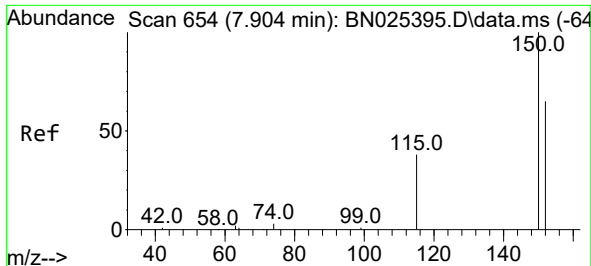
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025427.D
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Sample : 02722-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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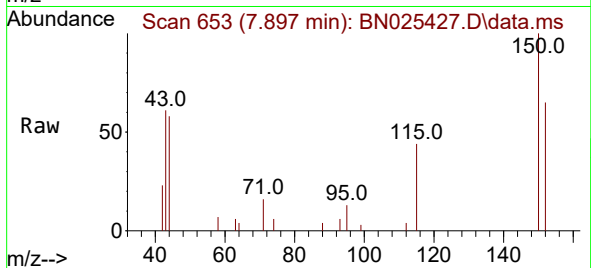
Quant Time: May 12 07:58:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 00:57:16 2023
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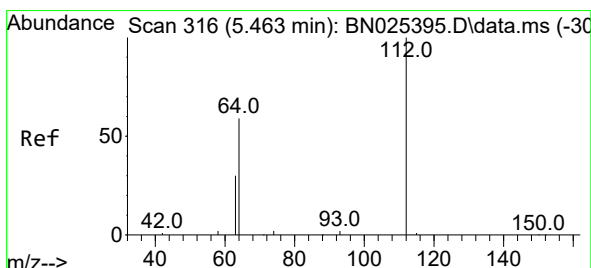
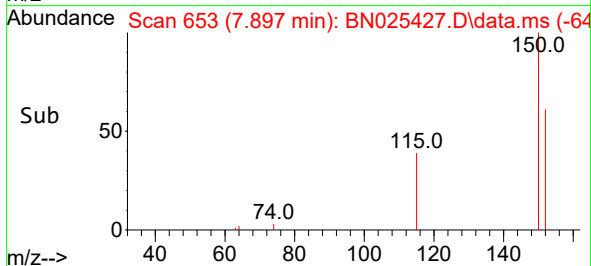
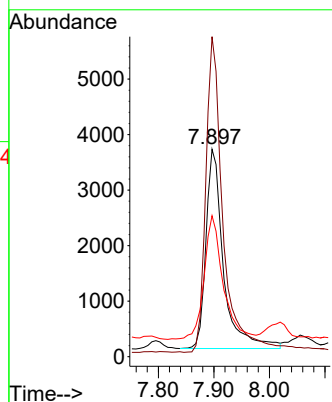


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

Instrument :
BNA_N
ClientSampleId :
CO-54926

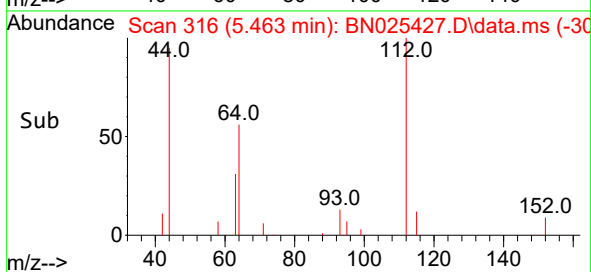
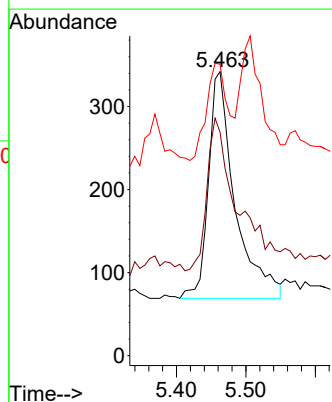
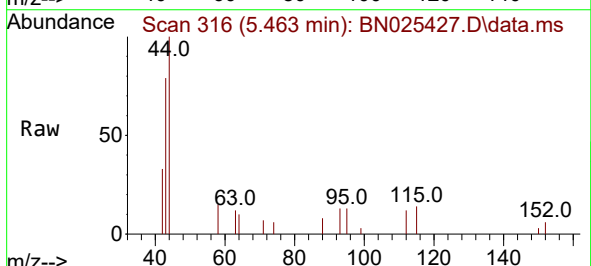


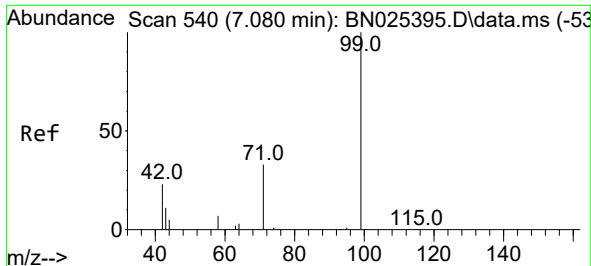
Tgt Ion:152 Resp: 7929
Ion Ratio Lower Upper
152 100
150 154.3 121.4 182.2
115 68.0 50.6 76.0



#4
2-Fluorophenol
Concen: 0.039 ng
RT: 5.463 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

Tgt Ion:112 Resp: 724
Ion Ratio Lower Upper
112 100
64 82.0 51.9 77.9#
63 35.2 27.4 41.2

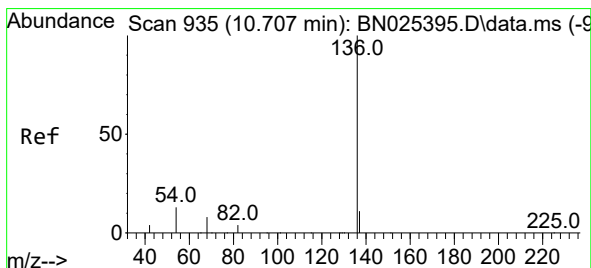
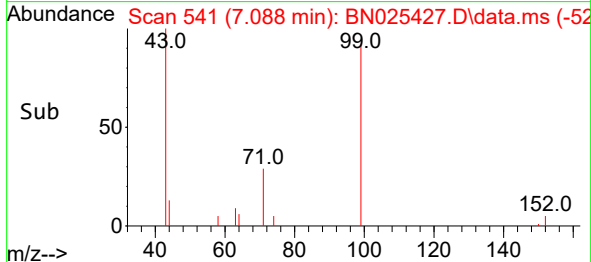
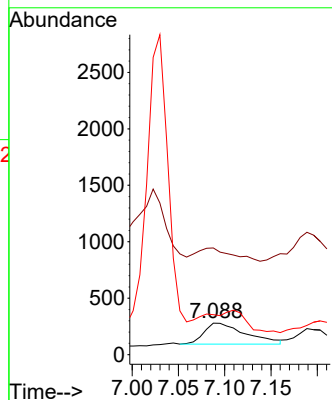
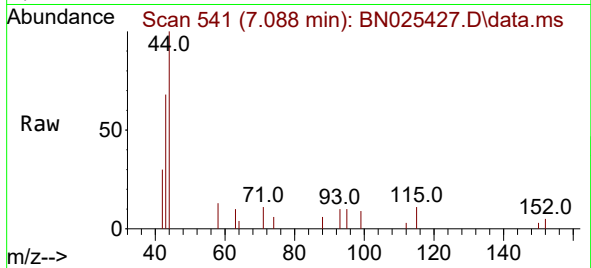




#5
Phenol-d6
Concen: 0.023 ng
RT: 7.088 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

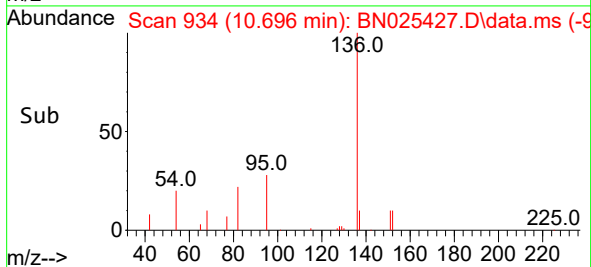
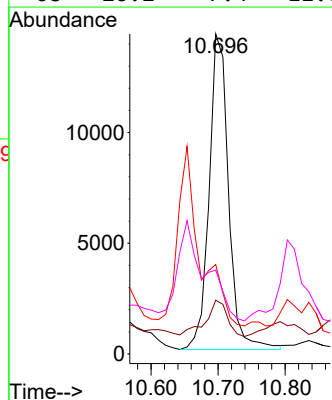
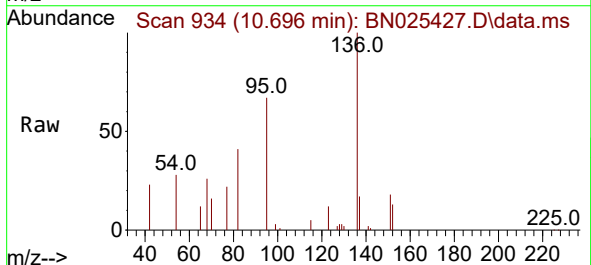
Instrument :
BNA_N
ClientSampleId :
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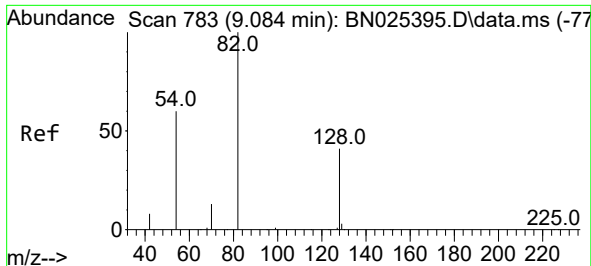
Tgt Ion: 99 Resp: 581
Ion Ratio Lower Upper
99 100
42 51.6 23.5 35.3#
71 0.0 28.1 42.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.696 min Scan# 934
Delta R.T. -0.011 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

Tgt Ion: 136 Resp: 28669
Ion Ratio Lower Upper
136 100
137 16.8 9.1 13.7#
54 27.9 11.2 16.8#
68 26.2 7.4 11.0#

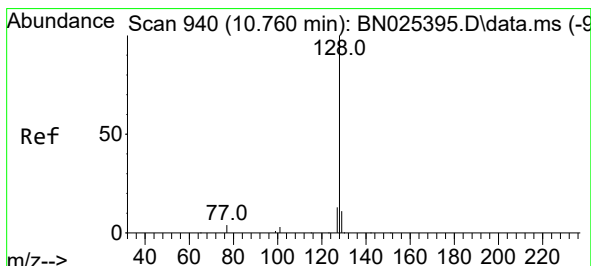
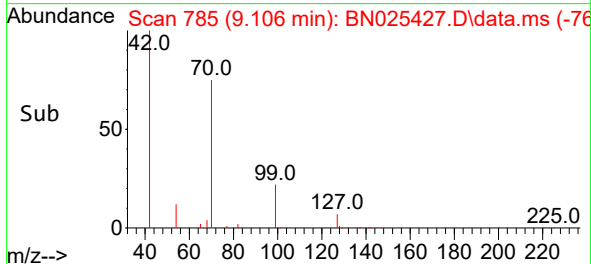
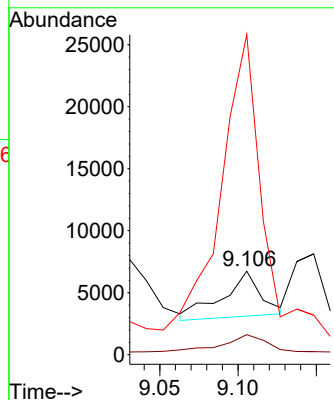
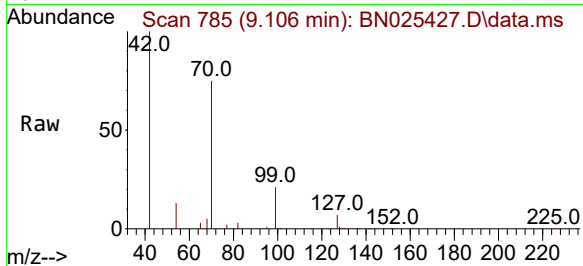




#8
Nitrobenzene-d5
Concen: 0.272 ng
RT: 9.106 min Scan# 71
Delta R.T. 0.021 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

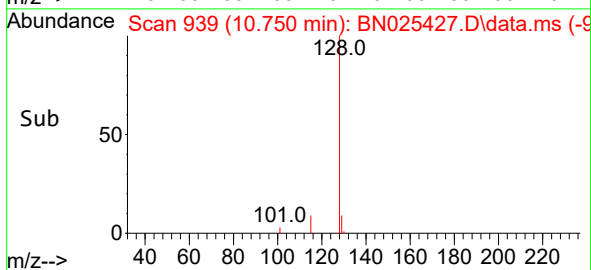
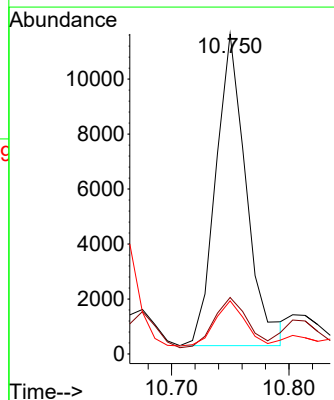
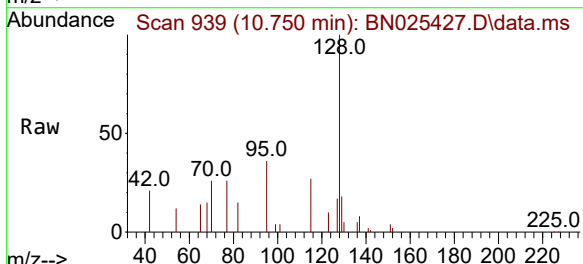
Instrument :
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ClientSampleId :
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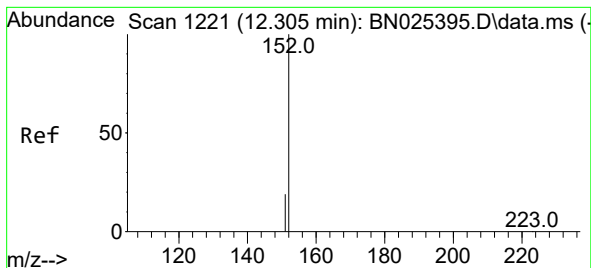
Tgt Ion: 82 Resp: 6306
Ion Ratio Lower Upper
82 100
128 24.0 35.8 53.8#
54 383.2 50.4 75.6#



#9
Naphthalene
Concen: 0.283 ng
RT: 10.750 min Scan# 939
Delta R.T. -0.011 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

Tgt Ion: 128 Resp: 20432
Ion Ratio Lower Upper
128 100
129 17.7 9.3 13.9#
127 16.6 10.8 16.2#

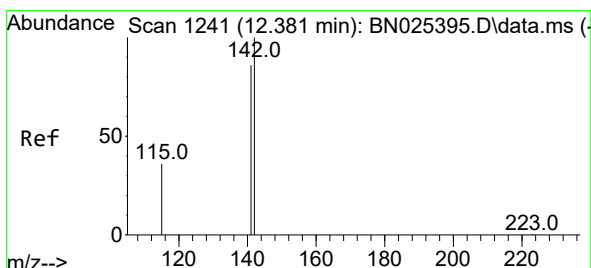
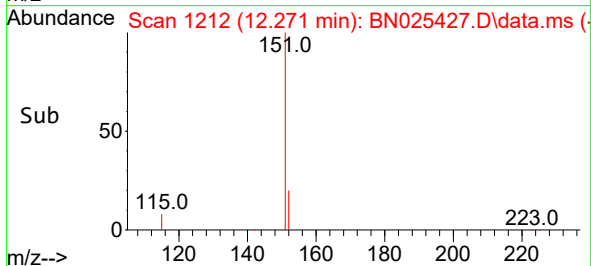
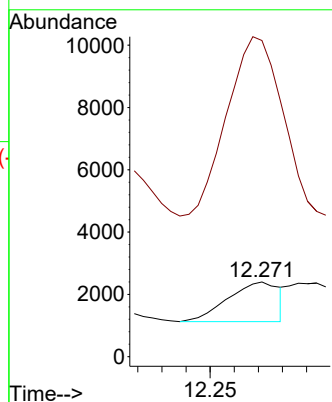
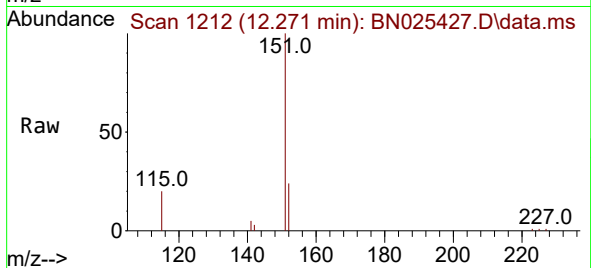




#11
2-Methylnaphthalene-d10
Concen: 0.050 ng
RT: 12.271 min Scan# 11
Delta R.T. -0.034 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

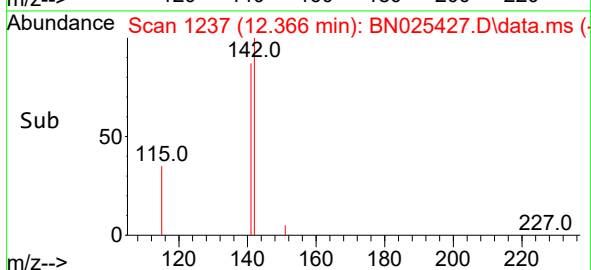
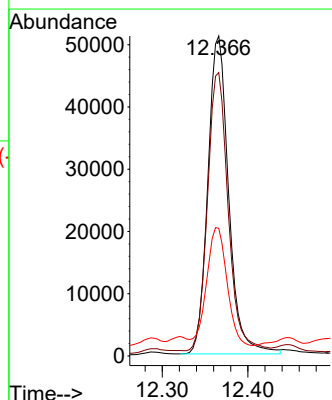
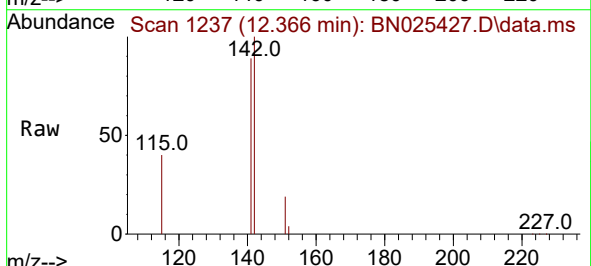
Instrument :
BNA_N
ClientSampleId :
CO-54926

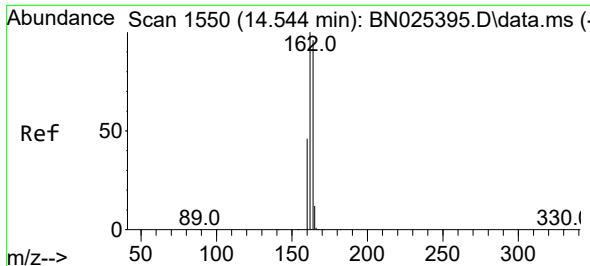
Tgt Ion:152 Resp: 1883
Ion Ratio Lower Upper
152 100
151 602.7 16.1 24.1#



#12
2-Methylnaphthalene
Concen: 1.729 ng
RT: 12.366 min Scan# 1237
Delta R.T. -0.015 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

Tgt Ion:142 Resp: 86318
Ion Ratio Lower Upper
142 100
141 88.5 69.3 103.9
115 39.9 30.2 45.4

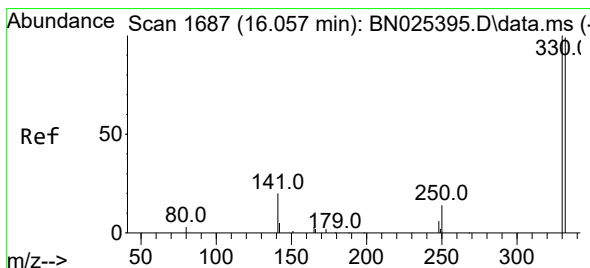
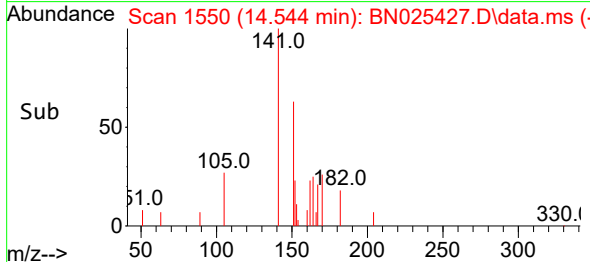
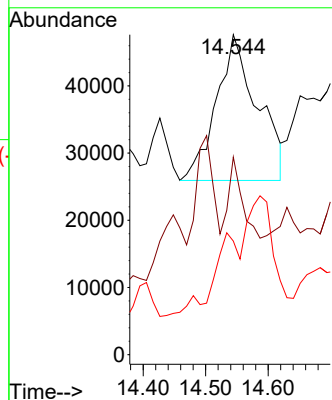
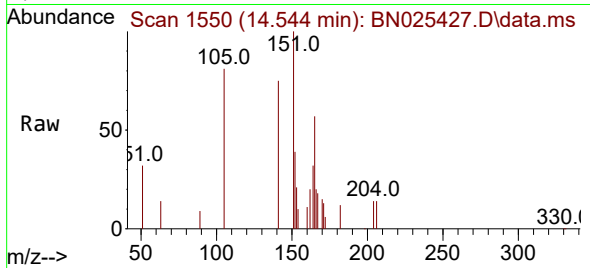




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.544 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

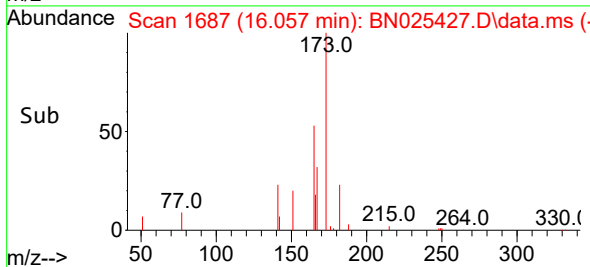
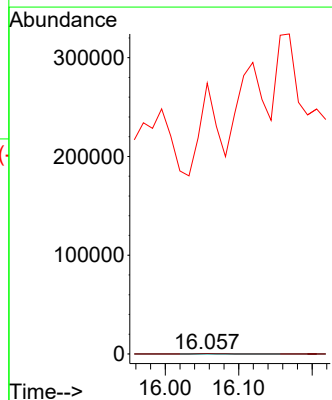
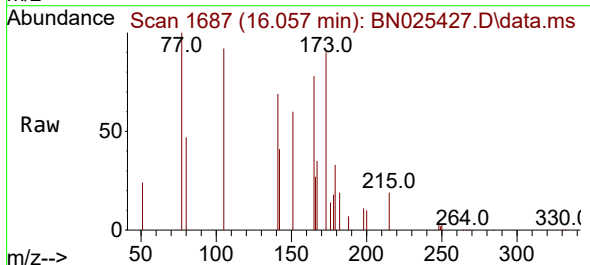
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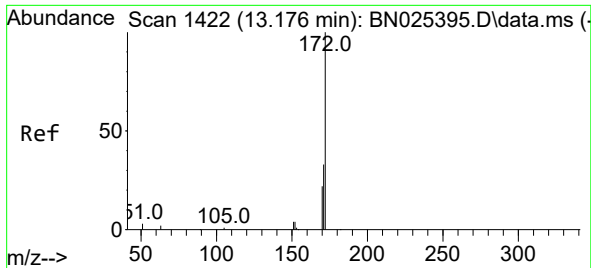
Tgt Ion:164 Resp: 98776
Ion Ratio Lower Upper
164 100
162 61.7 83.2 124.8#
160 35.5 38.8 58.2#



#14
2,4,6-Tribromophenol
Concen: 0.008 ng
RT: 16.057 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

Tgt Ion:330 Resp: 440
Ion Ratio Lower Upper
330 100
332 100.9 78.0 117.0
141 34241.6 30.2 45.2#

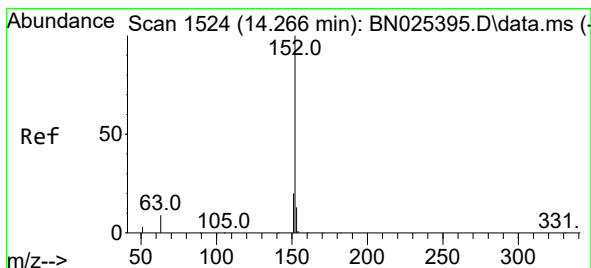
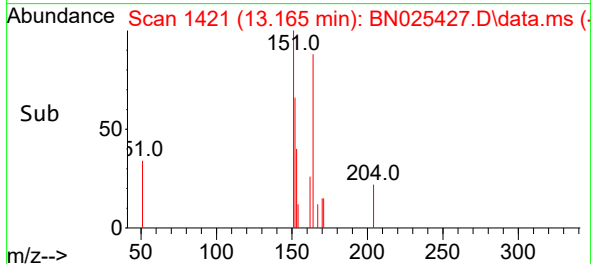
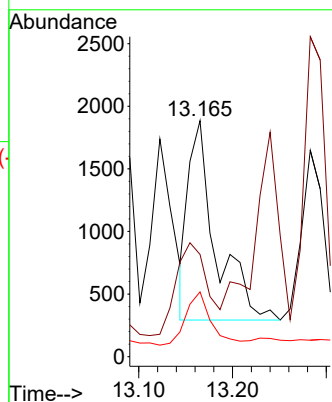
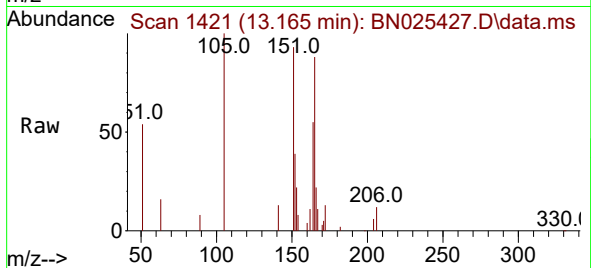




#15
2-Fluorobiphenyl
Concen: 0.010 ng
RT: 13.165 min Scan# 1421
Delta R.T. -0.011 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

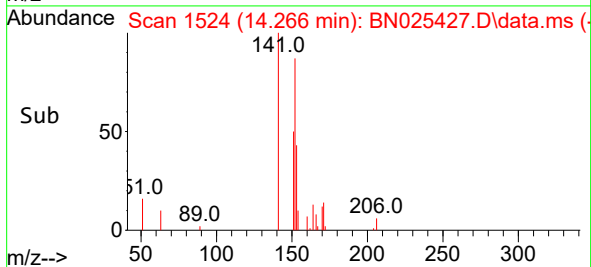
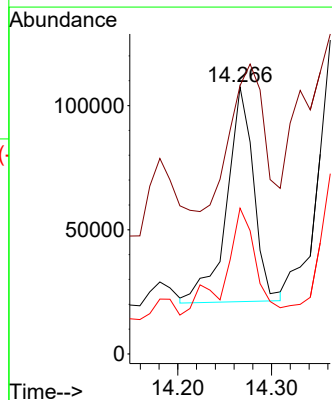
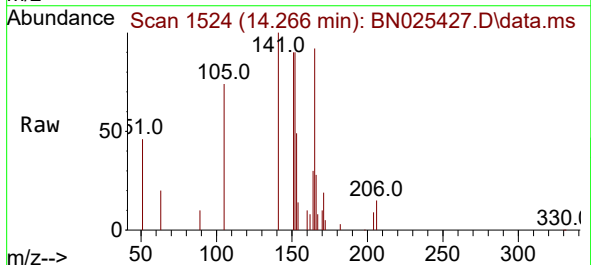
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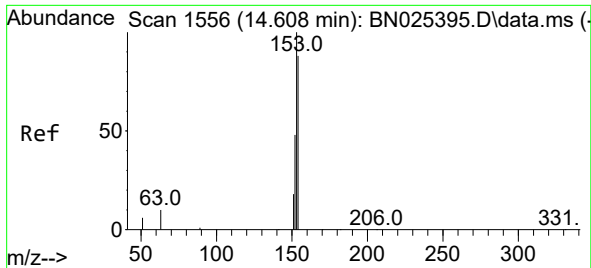
Tgt Ion:172 Resp: 3259
Ion Ratio Lower Upper
172 100
171 43.3 26.7 40.1#
170 27.4 17.8 26.8#



#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.266 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

Tgt Ion:152 Resp: 173022
Ion Ratio Lower Upper
152 100
151 100.0 15.9 23.9#
153 56.2 10.7 16.1#

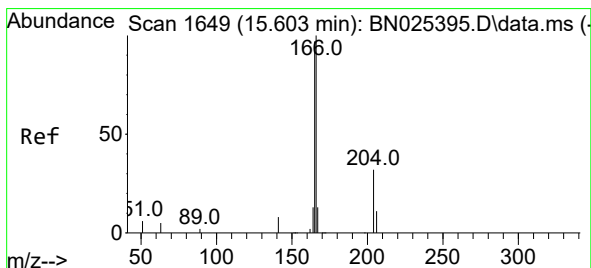
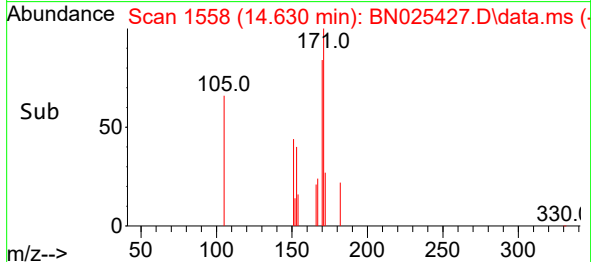
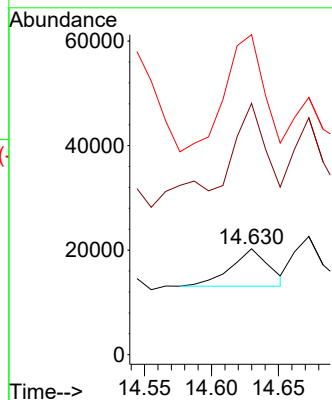
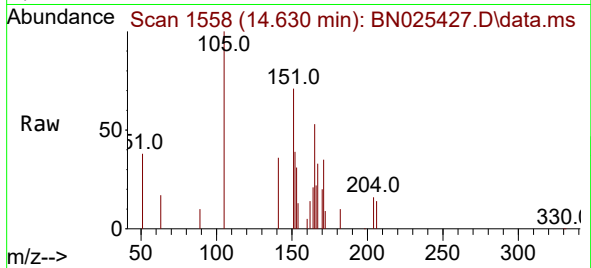




#17
Acenaphthene
Concen: 0.052 ng
RT: 14.630 min Scan# 1558
Delta R.T. 0.022 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

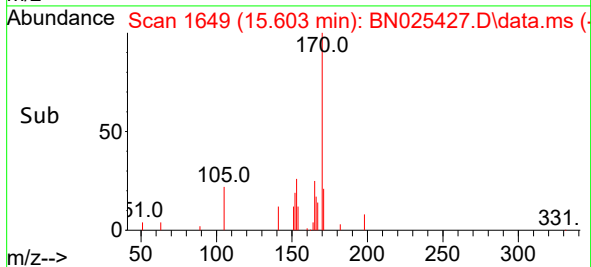
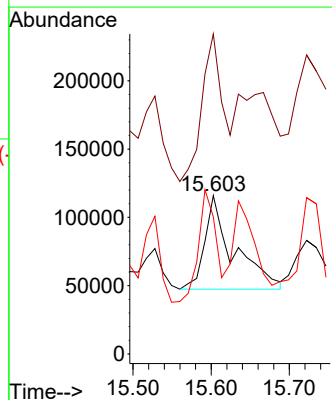
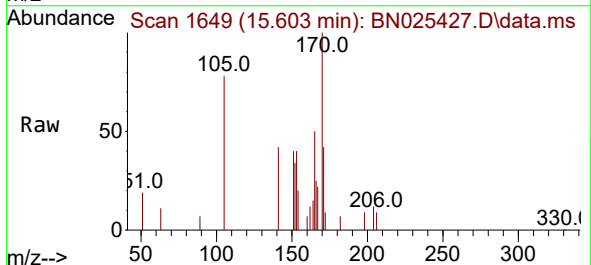
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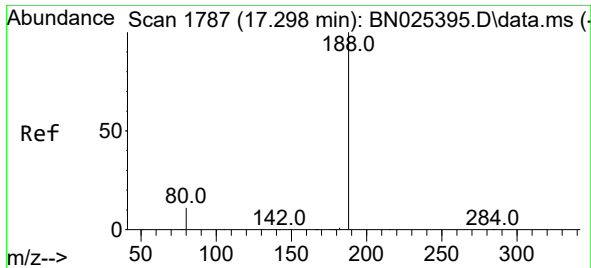
Tgt Ion:154 Resp: 14164
Ion Ratio Lower Upper
154 100
153 307.6 91.7 137.5#
152 314.6 44.6 66.8#



#18
Fluorene
Concen: 0.491 ng
RT: 15.603 min Scan# 1649
Delta R.T. 0.000 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

Tgt Ion:166 Resp: 176620
Ion Ratio Lower Upper
166 100
165 113.0 78.7 118.1
167 72.4 10.7 16.1#

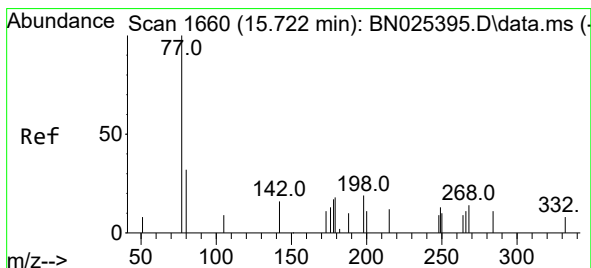
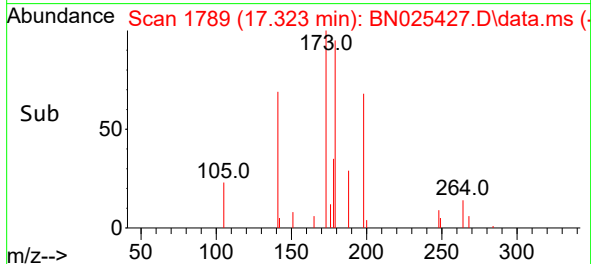
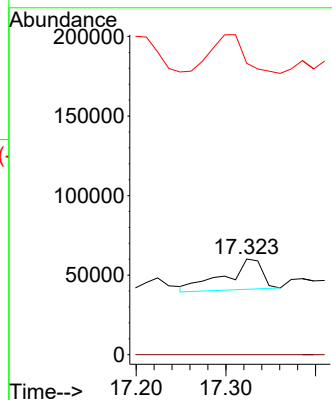
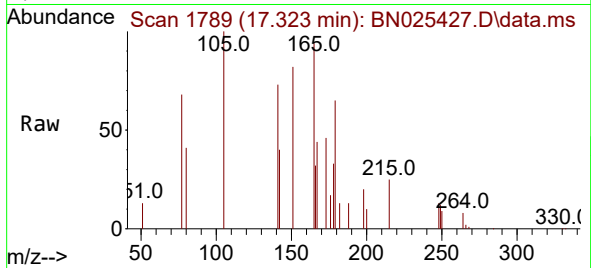




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.323 min Scan# 1787
Delta R.T. 0.025 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

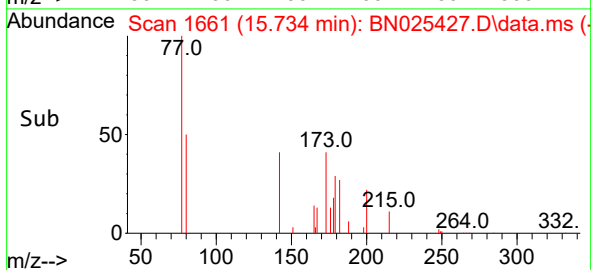
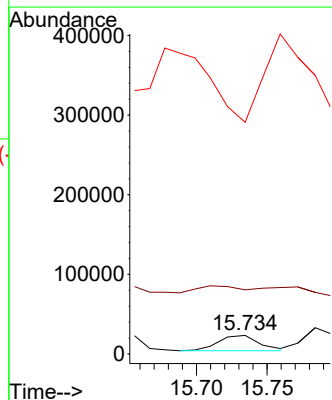
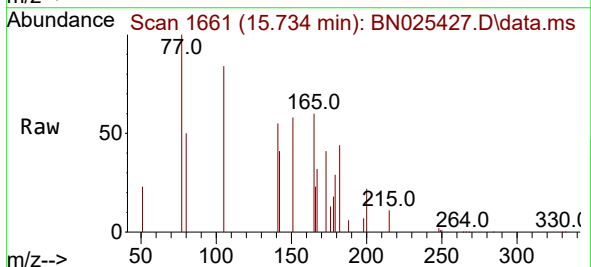
Instrument :
BNA_N
ClientSampleId :
CO-54926

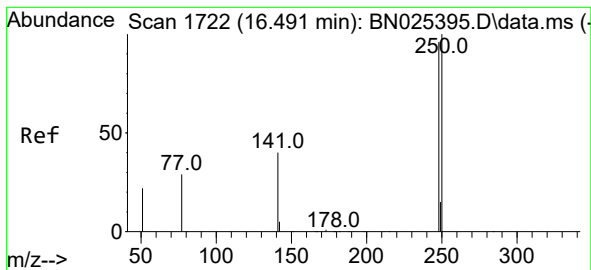
Tgt Ion:188 Resp: 55295
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 304.6 9.4 14.2#



#20
4,6-Dinitro-2-methylphenol
Concen: 5.129 ng
RT: 15.734 min Scan# 1661
Delta R.T. 0.012 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

Tgt Ion:198 Resp: 37605
Ion Ratio Lower Upper
198 100
51 344.4 259.2 388.8
105 1242.5 112.6 168.8#

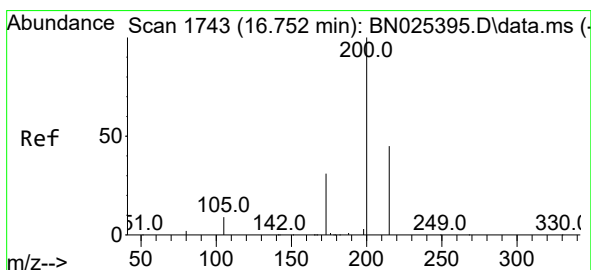
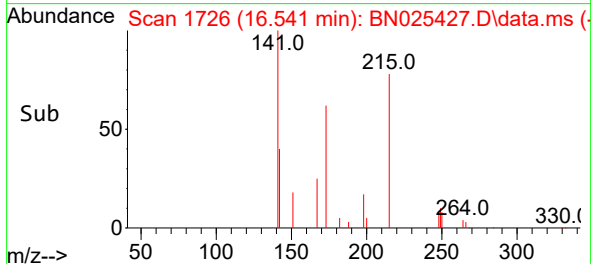
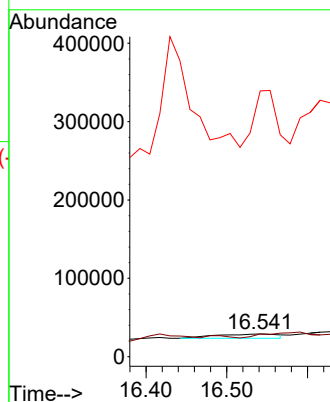
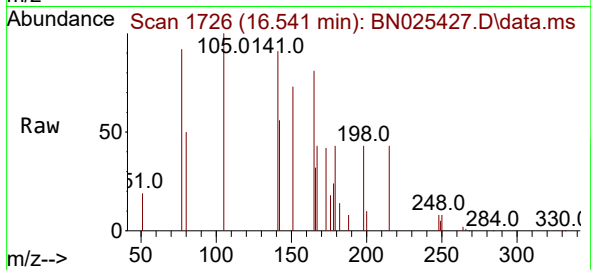




#21
4-Bromophenyl-phenylether
Concen: 0.954 ng
RT: 16.541 min Scan# 1726
Delta R.T. 0.050 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

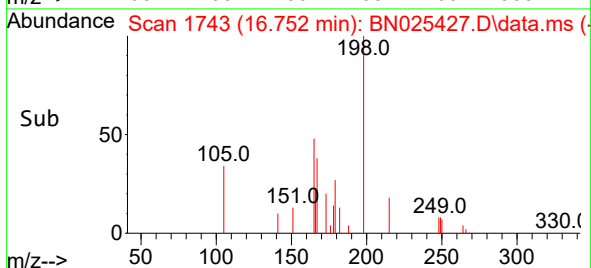
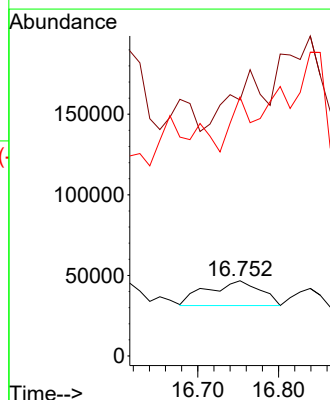
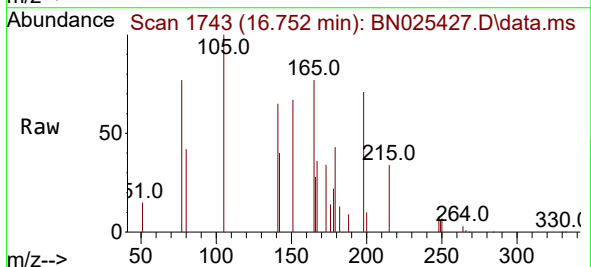
Instrument :
BNA_N
ClientSampleId :
CO-54926

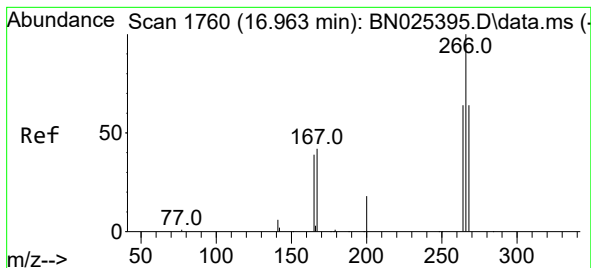
Tgt Ion:248 Resp: 29740
Ion Ratio Lower Upper
248 100
250 99.9 83.1 124.7
141 1170.0 35.0 52.6#



#23
Atrazine
Concen: 2.776 ng
RT: 16.752 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

Tgt Ion:200 Resp: 70240
Ion Ratio Lower Upper
200 100
173 340.7 26.5 39.7#
215 344.5 37.0 55.4#





#24

Pentachlorophenol

Concen: 2.780 ng

RT: 17.038 min Scan# 1766

Delta R.T. 0.075 min

Lab File: BN025427.D

Acq: 12 May 2023 07:28

Instrument :

BNA_N

ClientSampleId :

CO-54926

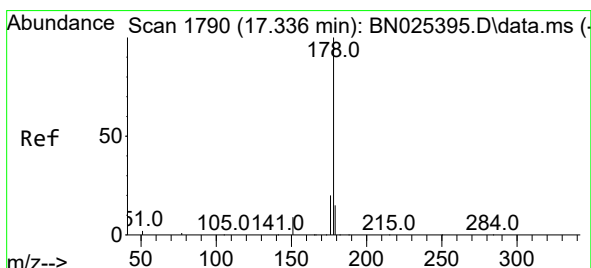
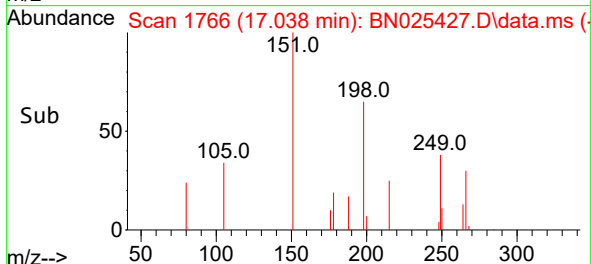
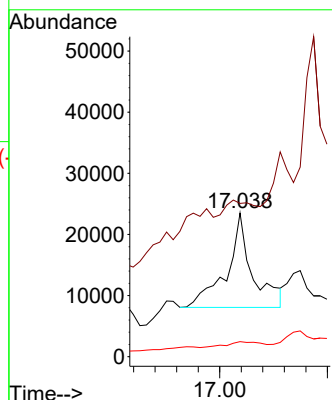
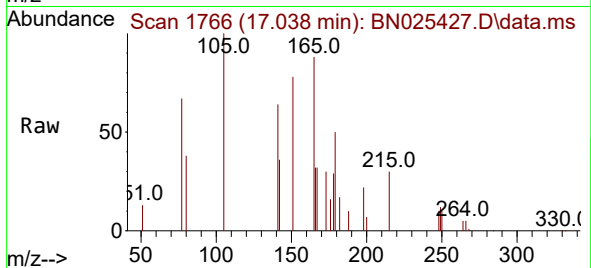
Tgt Ion:266 Resp: 50806

Ion Ratio Lower Upper

266 100

264 22.7 50.1 75.1#

268 8.2 49.3 73.9#



#25

Phenanthrene

Concen: 8.945 ng

RT: 17.373 min Scan# 1793

Delta R.T. 0.037 min

Lab File: BN025427.D

Acq: 12 May 2023 07:28

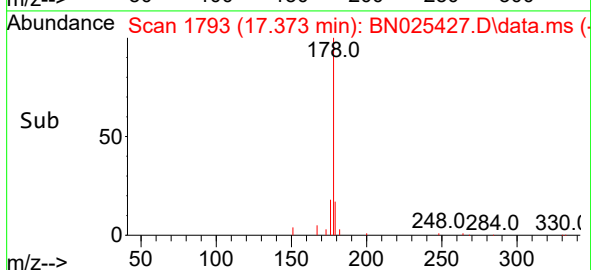
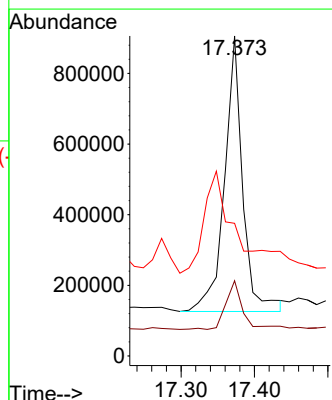
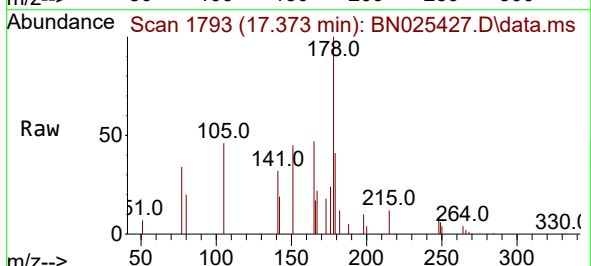
Tgt Ion:178 Resp: 1338787

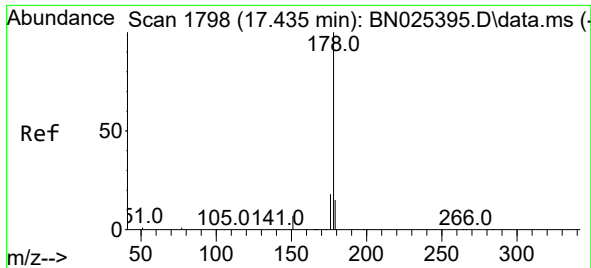
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 0.0 12.1 18.1#

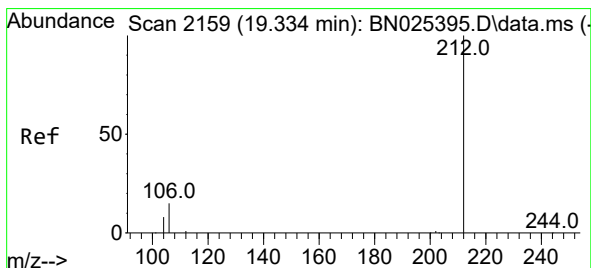
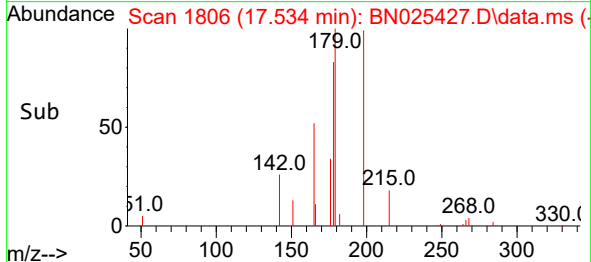
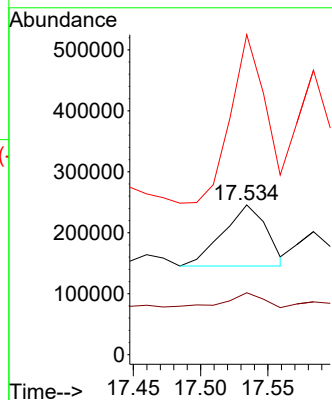
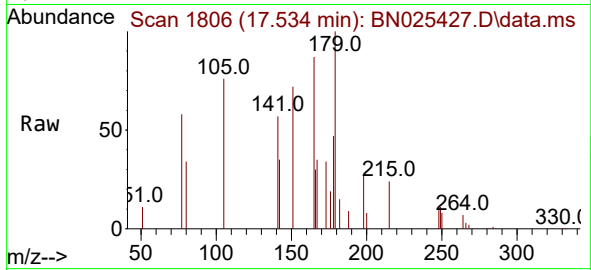




#26
 Anthracene
 Concen: 1.563 ng
 RT: 17.534 min Scan# 1798
 Delta R.T. 0.099 min
 Lab File: BN025427.D
 Acq: 12 May 2023 07:28

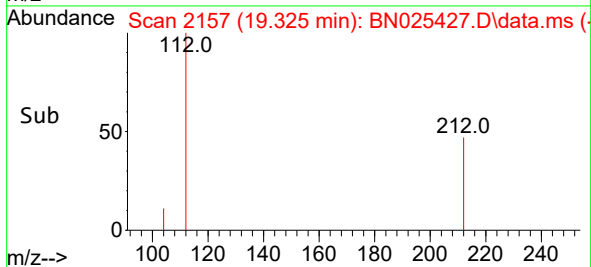
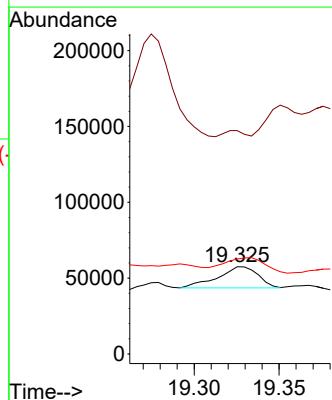
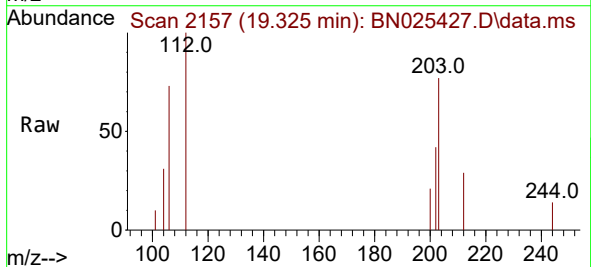
Instrument :
 BNA_N
 ClientSampleId :
 CO-54926

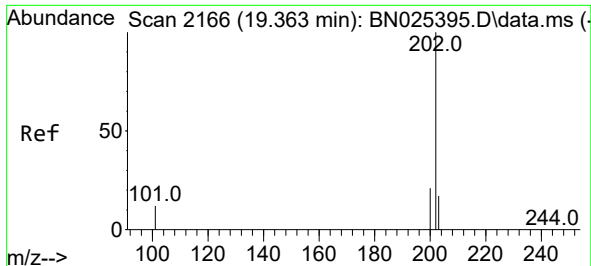
Tgt Ion:178 Resp: 226906
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.0 22.4
 179 221.1 12.0 18.0#



#27
 Fluoranthene-d10
 Concen: 0.184 ng
 RT: 19.325 min Scan# 2157
 Delta R.T. -0.008 min
 Lab File: BN025427.D
 Acq: 12 May 2023 07:28

Tgt Ion:212 Resp: 23284
 Ion Ratio Lower Upper
 212 100
 106 0.0 12.6 19.0#
 104 72.4 7.0 10.4#

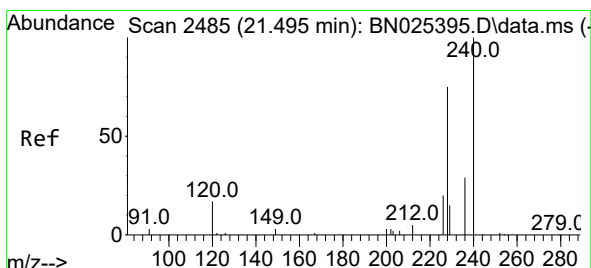
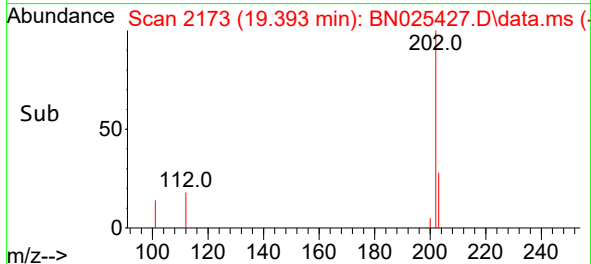
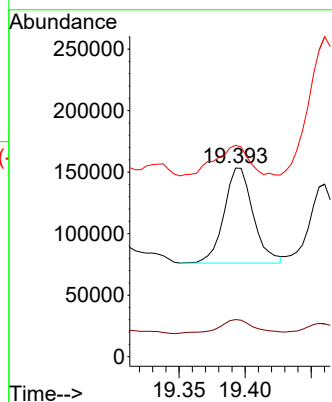
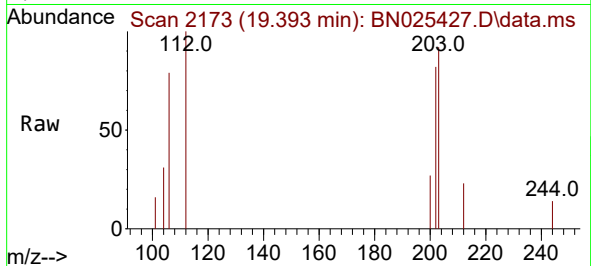




#28
Fluoranthene
Concen: 0.680 ng
RT: 19.393 min Scan# 2166
Delta R.T. 0.030 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

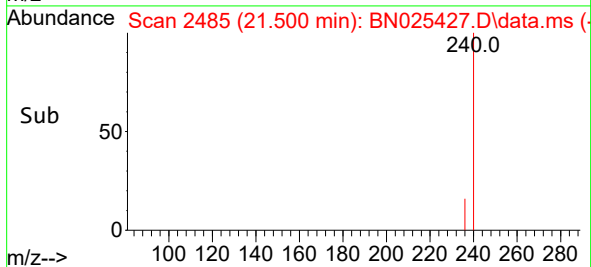
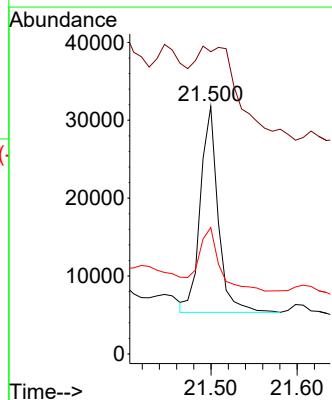
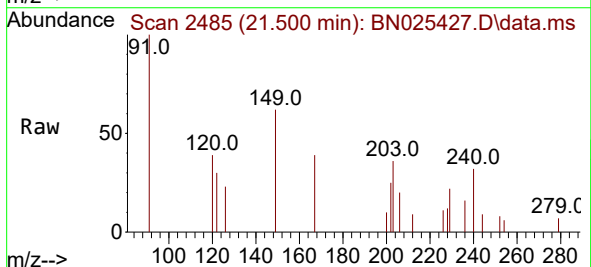
Instrument :
BNA_N
ClientSampleId :
CO-54926

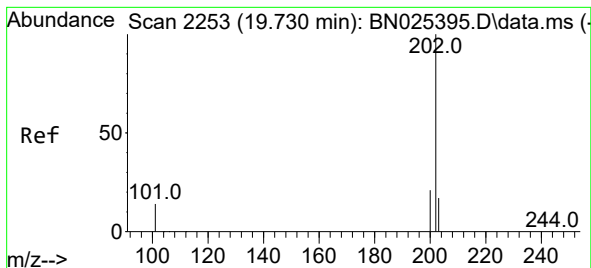
Tgt Ion:202 Resp: 117996
Ion Ratio Lower Upper
202 100
101 17.8 9.8 14.8#
203 35.8 13.8 20.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.500 min Scan# 2485
Delta R.T. 0.005 min
Lab File: BN025427.D
Acq: 12 May 2023 07:28

Tgt Ion:240 Resp: 38012
Ion Ratio Lower Upper
240 100
120 122.1 19.0 28.6#
236 51.1 25.0 37.6#





#30

Pyrene

Concen: 0.225 ng

RT: 19.747 min Scan# 21

Delta R.T. 0.017 min

Lab File: BN025427.D

Acq: 12 May 2023 07:28

Instrument :

BNA_N

ClientSampleId :

CO-54926

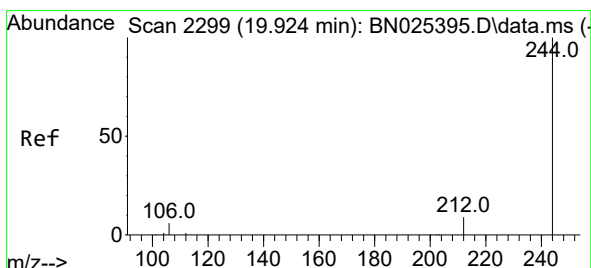
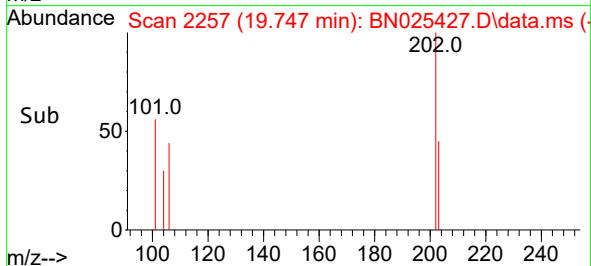
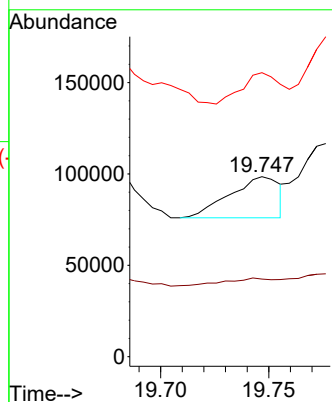
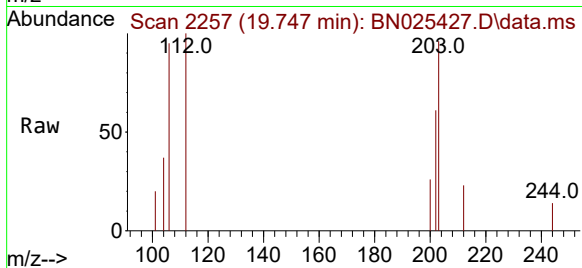
Tgt Ion:202 Resp: 36018

Ion Ratio Lower Upper

202 100

200 15.8 16.8 25.2#

203 59.9 14.4 21.6#



#31

Terphenyl-d14

Concen: 0.157 ng

RT: 19.941 min Scan# 2303

Delta R.T. 0.017 min

Lab File: BN025427.D

Acq: 12 May 2023 07:28

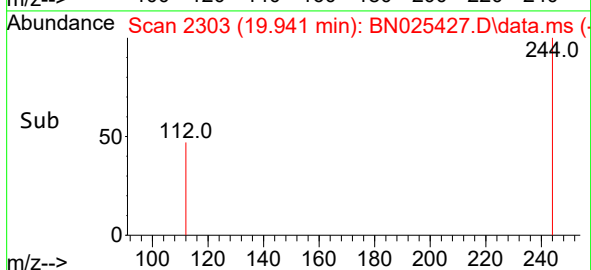
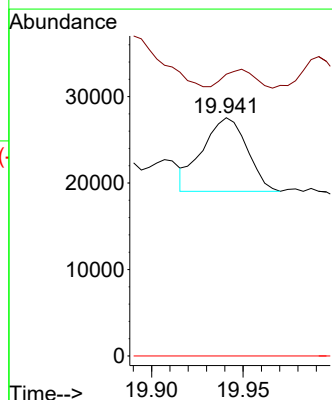
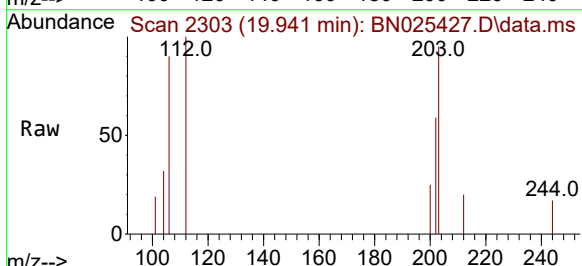
Tgt Ion:244 Resp: 14362

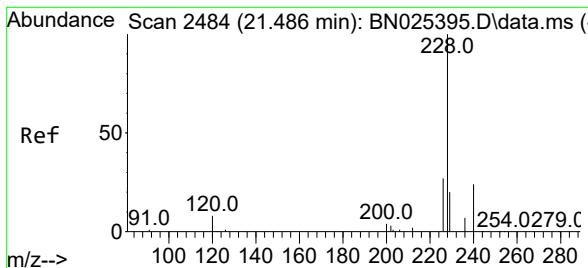
Ion Ratio Lower Upper

244 100

212 118.3 7.5 11.3#

122 0.0 0.0 0.0





#32

Benzo(a)anthracene

Concen: 0.117 ng

RT: 21.509 min Scan# 2486

Delta R.T. 0.023 min

Lab File: BN025427.D

Acq: 12 May 2023 07:28

Instrument :

BNA_N

ClientSampleId :

CO-54926

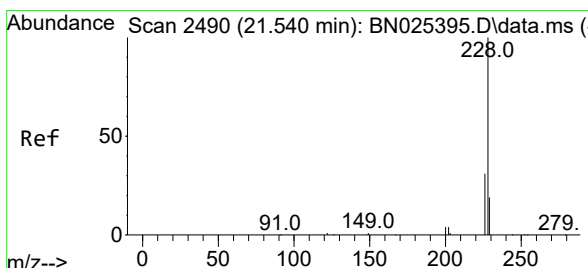
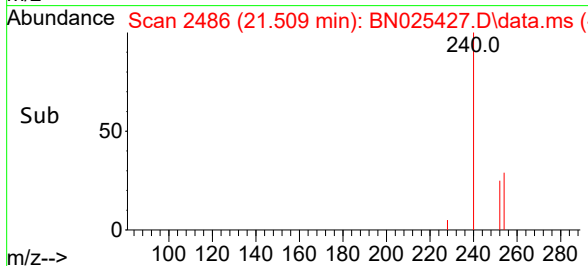
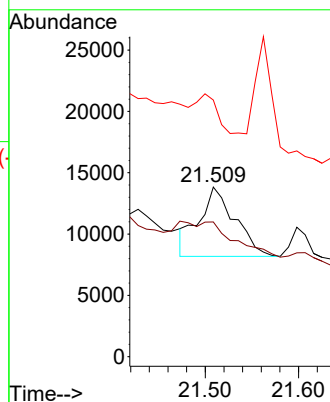
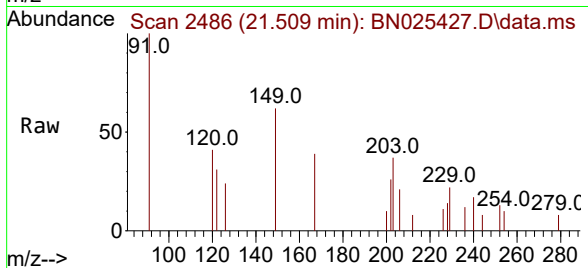
Tgt Ion:228 Resp: 15093

Ion Ratio Lower Upper

228 100

226 79.4 23.2 34.8#

229 151.3 18.2 27.2#



#33

Chrysene

Concen: 0.030 ng

RT: 21.598 min Scan# 2496

Delta R.T. 0.059 min

Lab File: BN025427.D

Acq: 12 May 2023 07:28

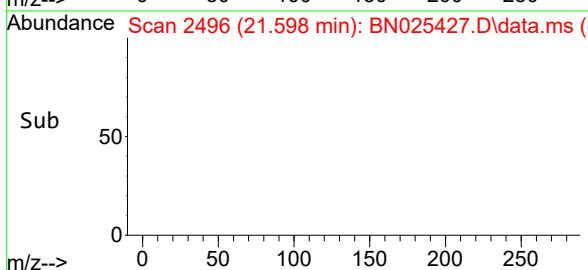
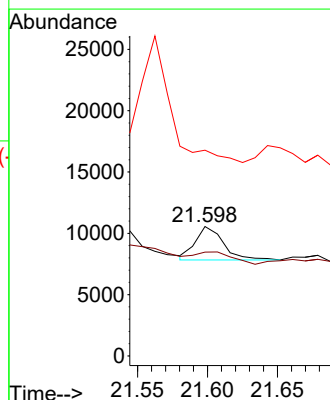
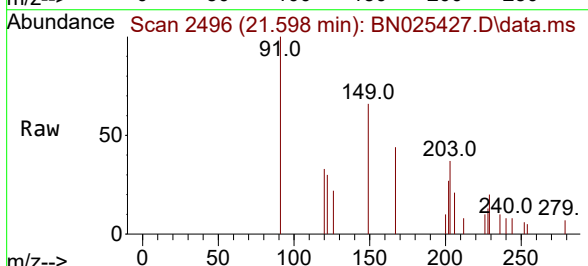
Tgt Ion:228 Resp: 3782

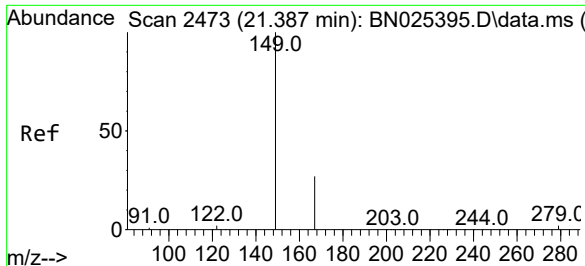
Ion Ratio Lower Upper

228 100

226 80.1 25.8 38.6#

229 158.9 17.9 26.9#

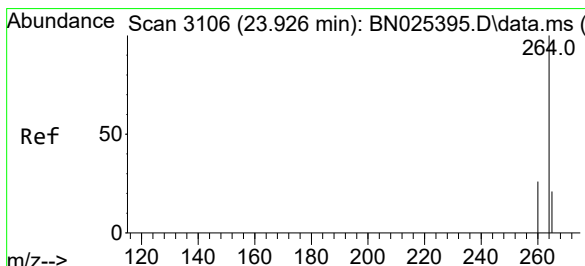
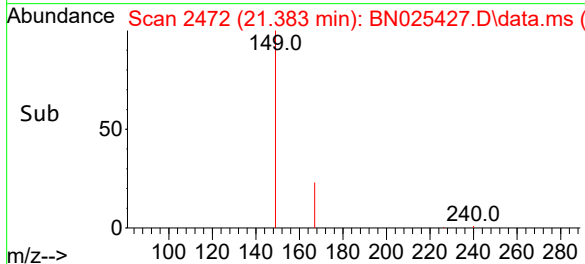
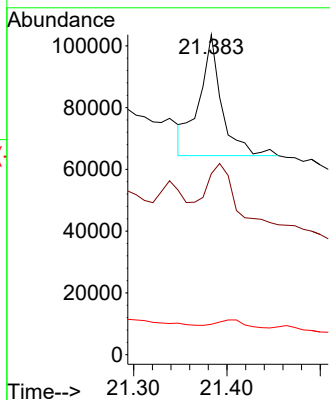
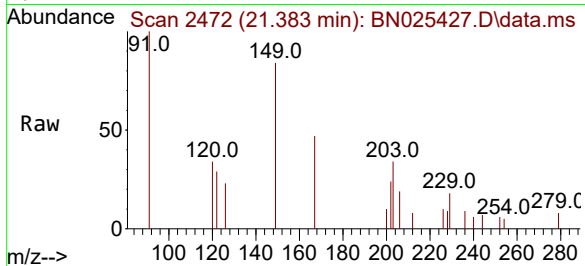




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.528 ng
 RT: 21.383 min Scan# 2473
 Delta R.T. -0.004 min
 Lab File: BN025427.D
 Acq: 12 May 2023 07:28

Instrument :
 BNA_N
 ClientSampleId :
 CO-54926

Tgt Ion:149 Resp: 65959
 Ion Ratio Lower Upper
 149 100
 167 59.0 21.7 32.5#
 279 0.0 3.0 4.4#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.919 min Scan# 3104
 Delta R.T. -0.007 min
 Lab File: BN025427.D
 Acq: 12 May 2023 07:28

Tgt Ion:264 Resp: 32373
 Ion Ratio Lower Upper
 264 100
 260 29.3 23.5 35.3
 265 60.6 50.9 76.3

