

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
 Data File : BN025433.D
 Acq On : 12 May 2023 13:06
 Operator : CG/JU
 Sample : 02722-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CO-54926DL

Quant Time: May 12 13:38:43 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)

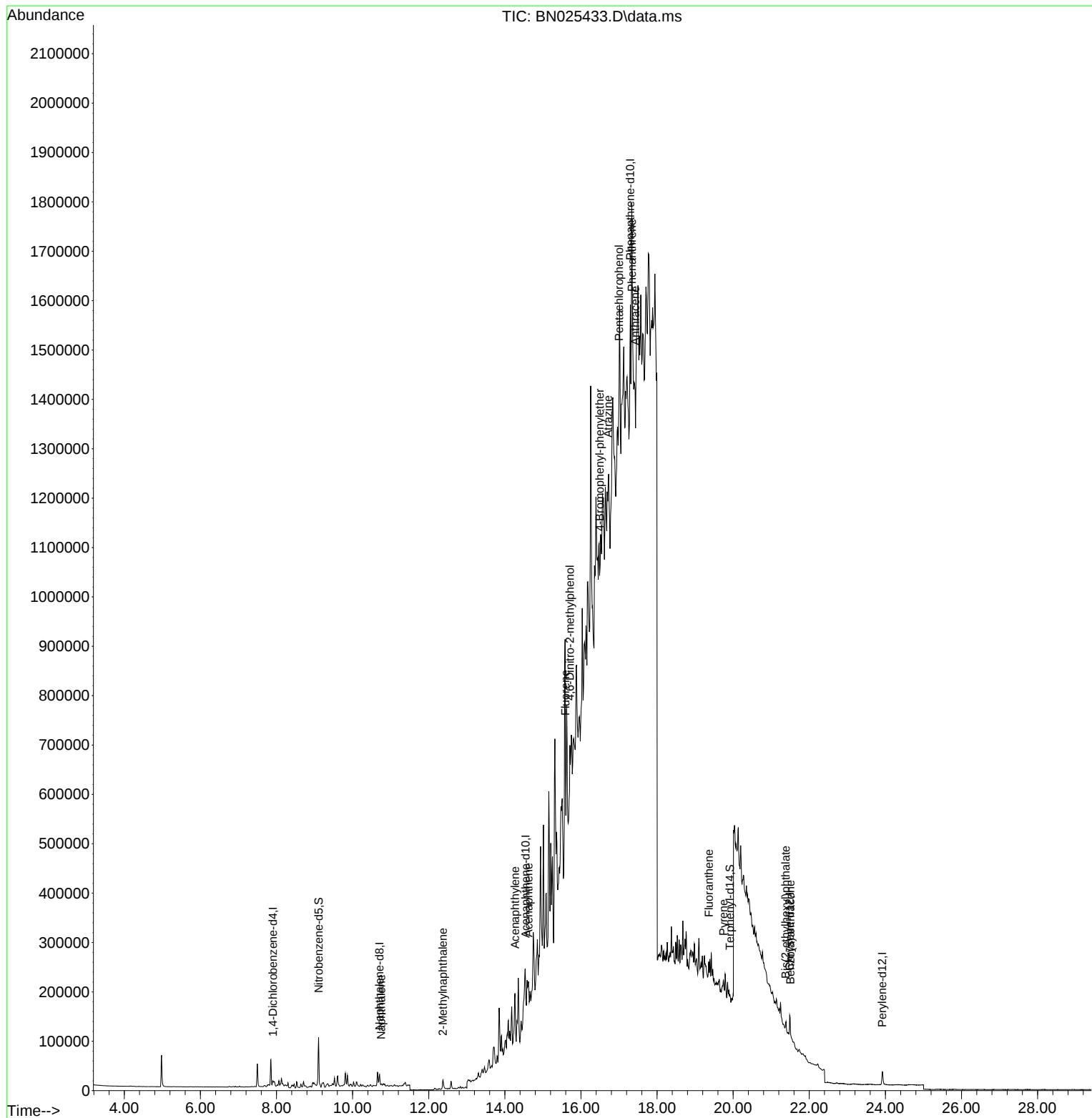
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	9988	0.400	ng	0.00
7) Naphthalene-d8	10.707	136	35605	0.400	ng	0.00
13) Acenaphthene-d10	14.544	164	41835	0.400	ng	# 0.00
19) Phenanthrene-d10	17.298	188	60660	0.400	ng	# 0.00
29) Chrysene-d12	21.486	240	40682	0.400	ng	# 0.00
35) Perylene-d12	23.920	264	38255	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	138	0.006	ng	0.00
5) Phenol-d6	7.051	99	13	0.000	ng	-0.03
8) Nitrobenzene-d5	9.105	82	1729	0.060	ng	0.02
11) 2-Methylnaphthalene-d10	12.302	152	130	0.003	ng	0.00
14) 2,4,6-Tribromophenol	16.045	330	98	0.004	ng	-0.01
15) 2-Fluorobiphenyl	13.165	172	604	0.004	ng	-0.01
27) Fluoranthene-d10	19.325	212	984	0.007	ng	0.00
31) Terphenyl-d14	19.911	244	3520	0.036	ng	-0.01
Target Compounds						
						Qvalue
9) Naphthalene	10.750	128	4987	0.056	ng	# 76
12) 2-Methylnaphthalene	12.373	142	18485	0.298	ng	95
16) Acenaphthylene	14.266	152	38890	0.200	ng	# 1
17) Acenaphthene	14.619	154	4103	0.036	ng	# 1
18) Fluorene	15.592	166	53891	0.354	ng	# 74
20) 4,6-Dinitro-2-methylph...	15.710	198	10158	2.060	ng	# 1
21) 4-Bromophenyl-phenylether	16.492	248	4072	0.119	ng	# 1
23) Atrazine	16.715	200	16590	0.598	ng	# 1
24) Pentachlorophenol	17.000	266	9108	0.537	ng	# 40
25) Phenanthrene	17.336	178	465887	2.837	ng	# 83
26) Anthracene	17.422	178	11509	0.072	ng	# 61
28) Fluoranthene	19.359	202	33243	0.175	ng	# 69
30) Pyrene	19.743	202	30702	0.179	ng	# 58
32) Benzo(a)anthracene	21.504	228	3585	0.026	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.378	149	10512	0.079	ng	# 27

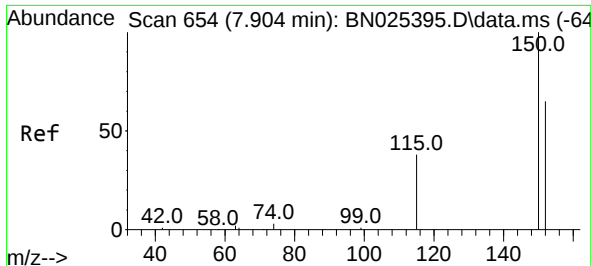
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051223\
Data File : BN025433.D
Acq On : 12 May 2023 13:06
Operator : CG/JU
Sample : 02722-01DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CO-54926DL

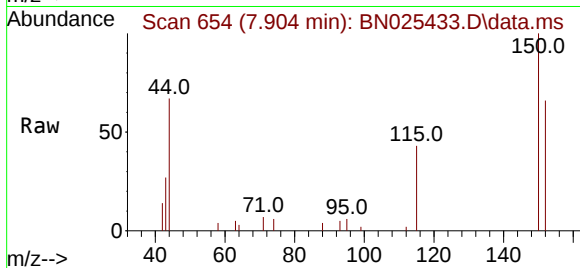
Quant Time: May 12 13:38:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 00:57:16 2023
Response via : Initial Calibration



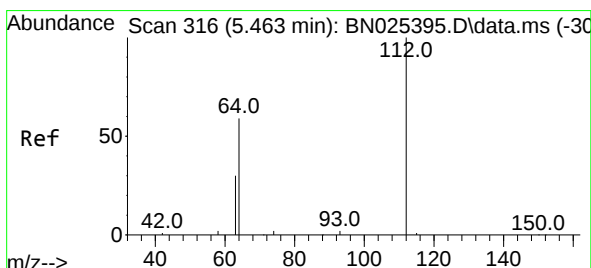
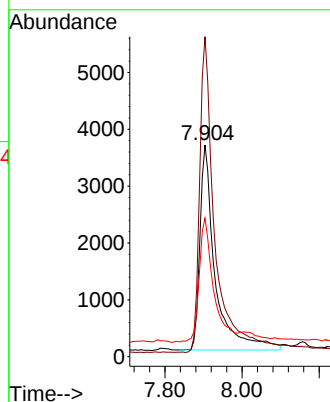
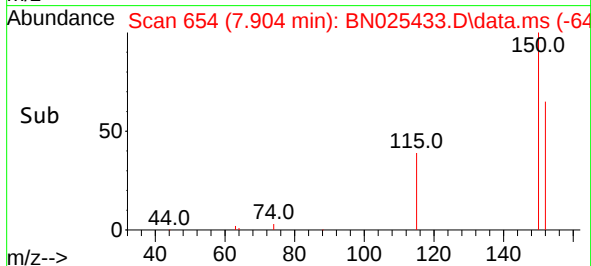


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

Instrument :
BNA_N
ClientSampleId :
CO-54926DL

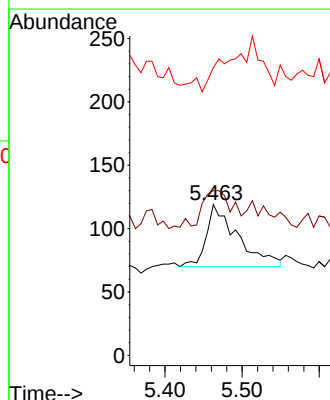
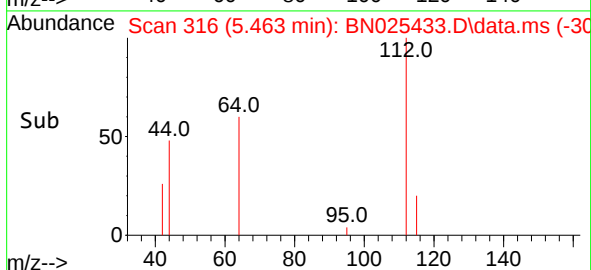
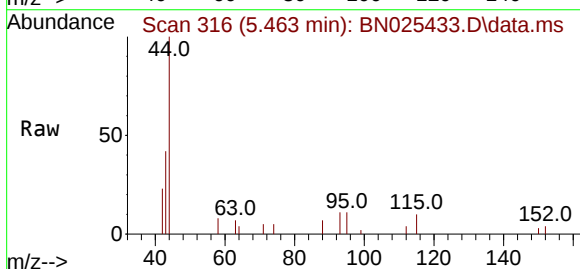


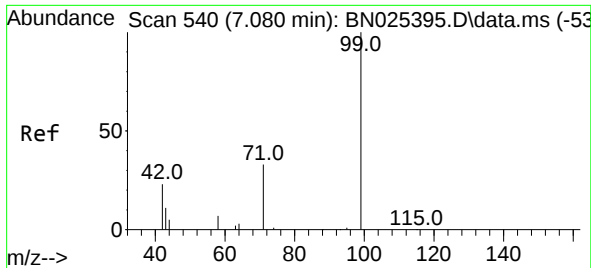
Tgt Ion:152 Resp: 9988
Ion Ratio Lower Upper
152 100
150 151.2 121.4 182.2
115 65.5 50.6 76.0



#4
2-Fluorophenol
Concen: 0.006 ng
RT: 5.463 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

Tgt Ion:112 Resp: 138
Ion Ratio Lower Upper
112 100
64 60.9 51.9 77.9
63 0.0 27.4 41.2#

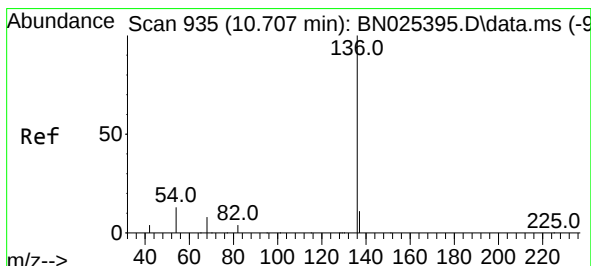
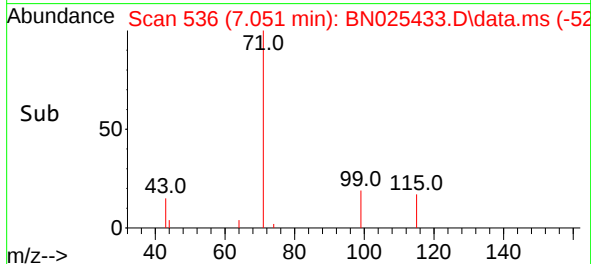
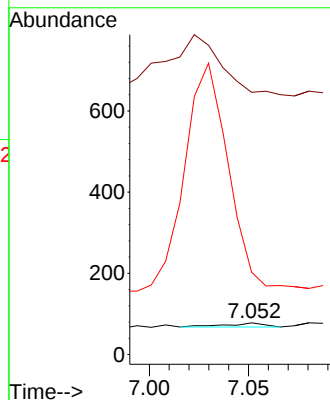
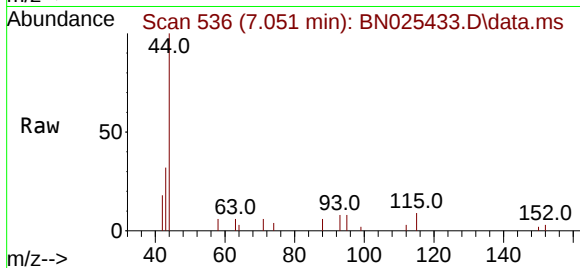




#5
Phenol-d6
Concen: 0.000 ng
RT: 7.051 min Scan# 511
Delta R.T. -0.029 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

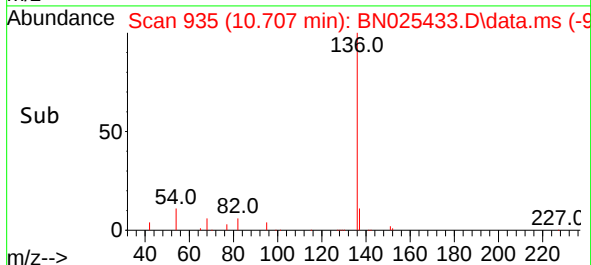
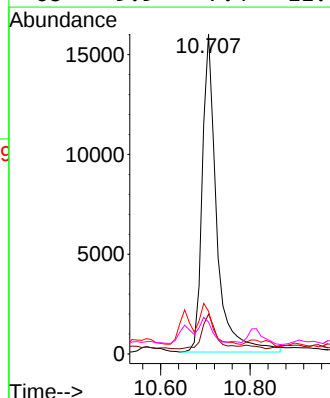
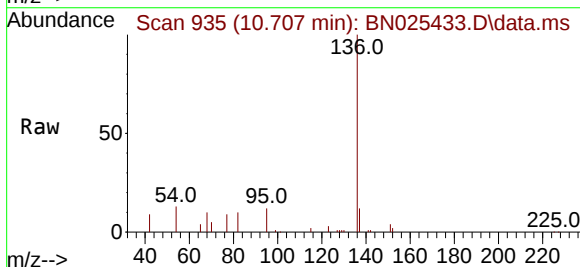
Instrument :
BNA_N
ClientSampleId :
CO-54926DL

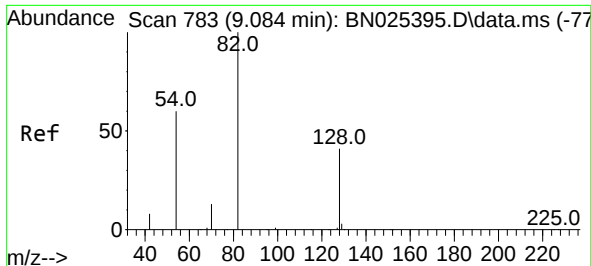
Tgt Ion: 99 Resp: 13
Ion Ratio Lower Upper
99 100
42 0.0 23.5 35.3#
71 0.0 28.1 42.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.707 min Scan# 935
Delta R.T. 0.000 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

Tgt Ion:136 Resp: 35605
Ion Ratio Lower Upper
136 100
137 12.4 9.1 13.7
54 13.4 11.2 16.8
68 9.9 7.4 11.0

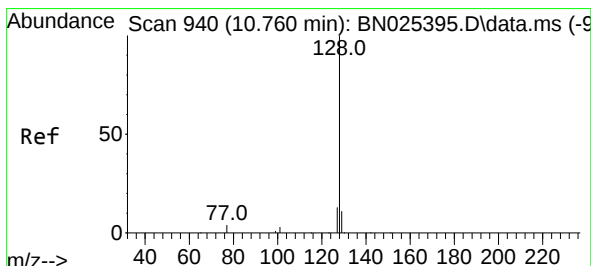
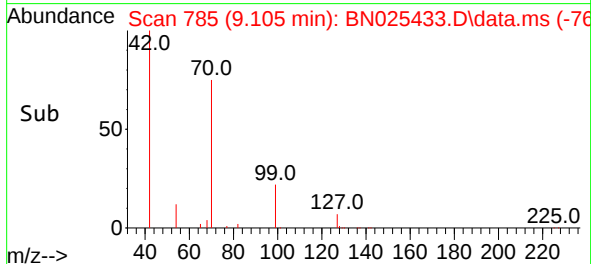
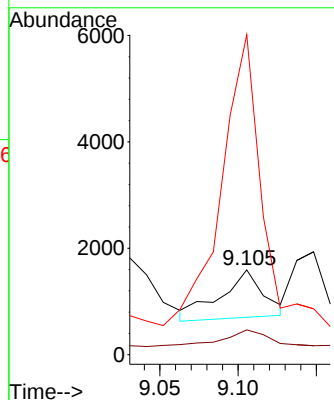
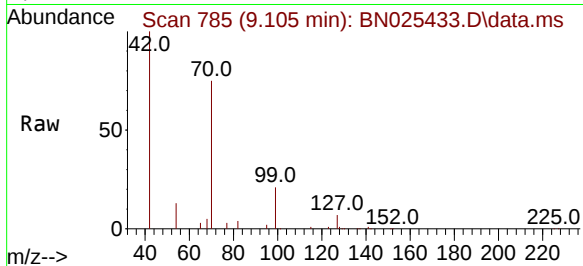




#8
Nitrobenzene-d5
Concen: 0.060 ng
RT: 9.105 min Scan# 71
Delta R.T. 0.021 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

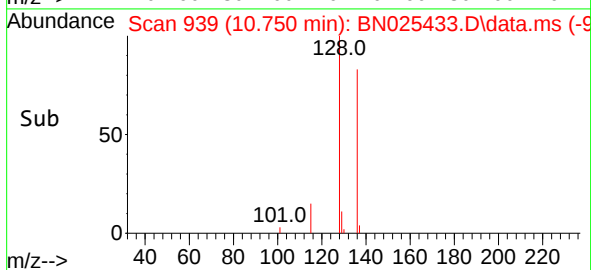
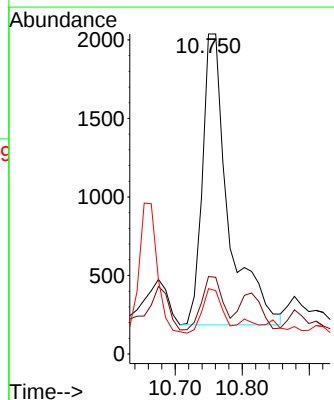
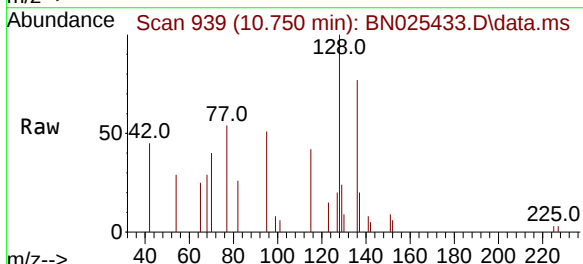
Instrument :
BNA_N
ClientSampleId :
CO-54926DL

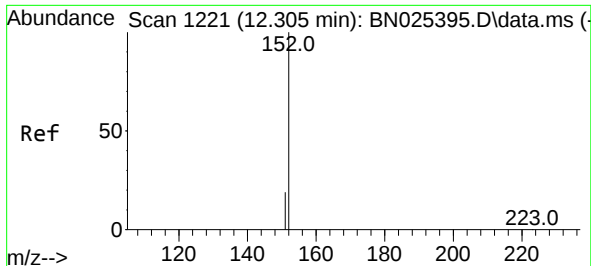
Tgt Ion: 82 Resp: 1729
Ion Ratio Lower Upper
82 100
128 29.2 35.8 53.8#
54 377.3 50.4 75.6#



#9
Naphthalene
Concen: 0.056 ng
RT: 10.750 min Scan# 939
Delta R.T. -0.011 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

Tgt Ion: 128 Resp: 4987
Ion Ratio Lower Upper
128 100
129 24.2 9.3 13.9#
127 20.4 10.8 16.2#

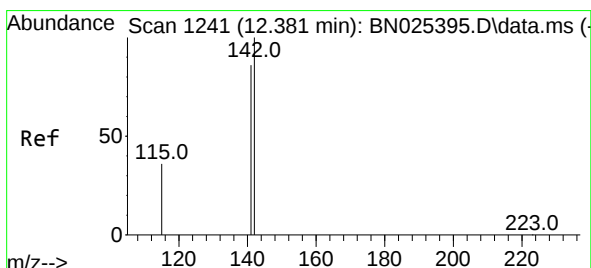
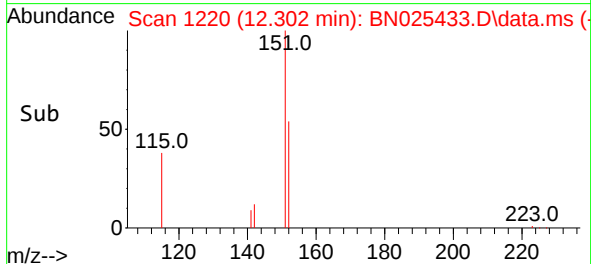
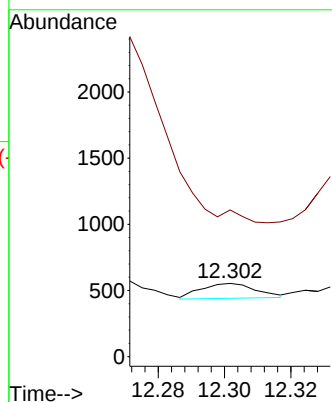
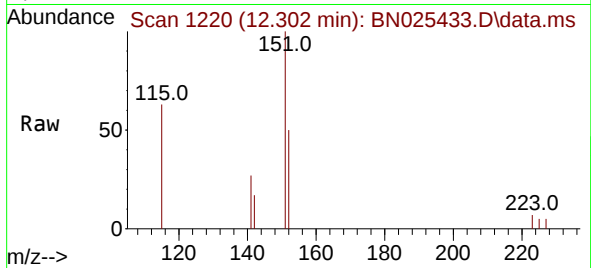




#11
2-Methylnaphthalene-d10
Concen: 0.003 ng
RT: 12.302 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

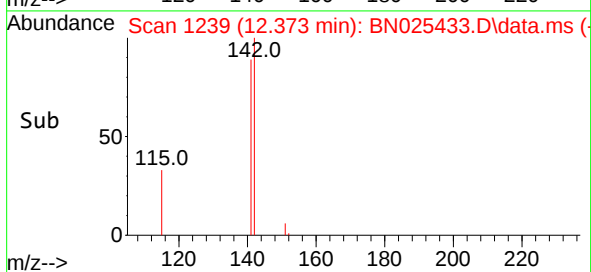
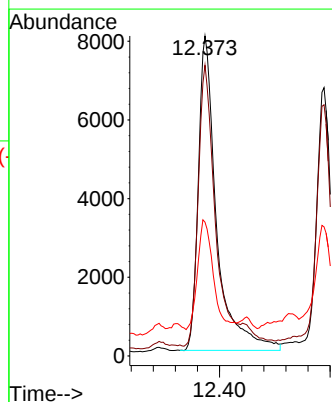
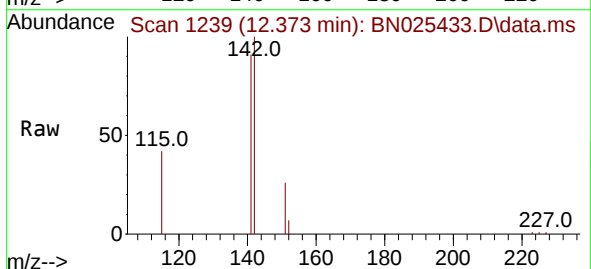
Instrument :
BNA_N
ClientSampleId :
CO-54926DL

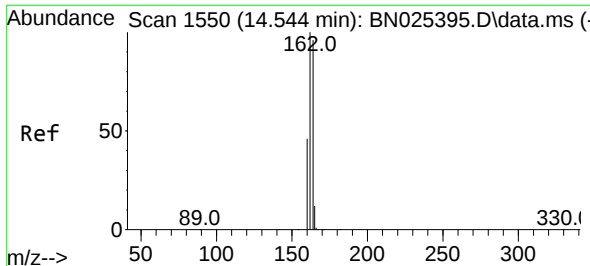
Tgt Ion:152 Resp: 130
Ion Ratio Lower Upper
152 100
151 0.0 16.1 24.1#



#12
2-Methylnaphthalene
Concen: 0.298 ng
RT: 12.373 min Scan# 1239
Delta R.T. -0.007 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

Tgt Ion:142 Resp: 18485
Ion Ratio Lower Upper
142 100
141 90.8 69.3 103.9
115 41.8 30.2 45.4

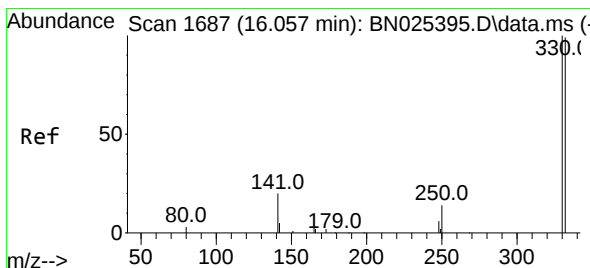
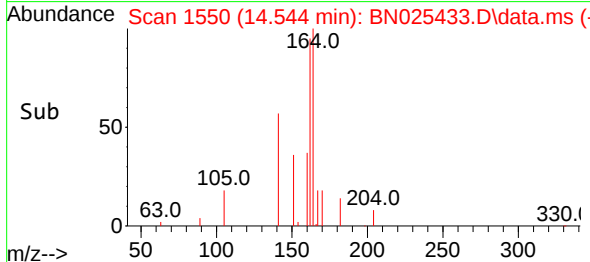
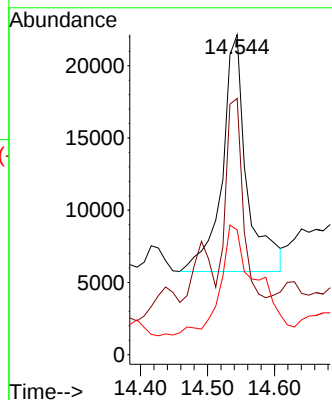
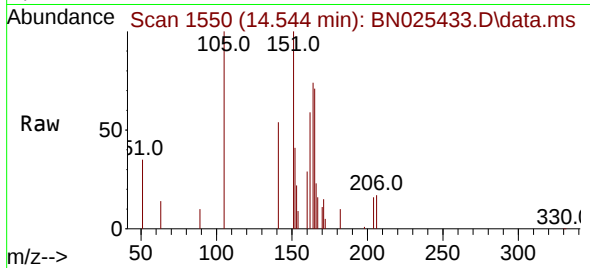




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.544 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

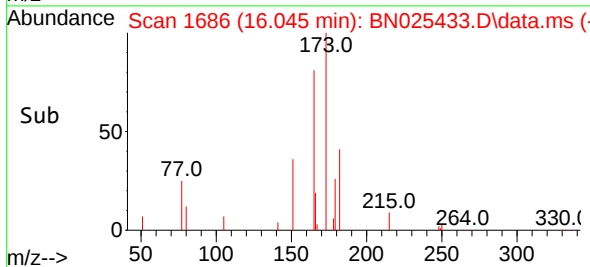
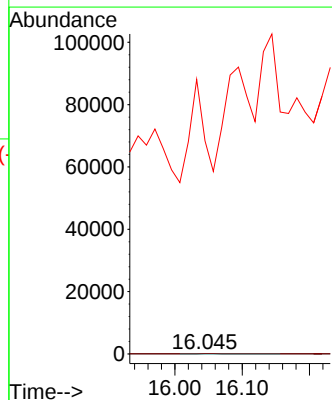
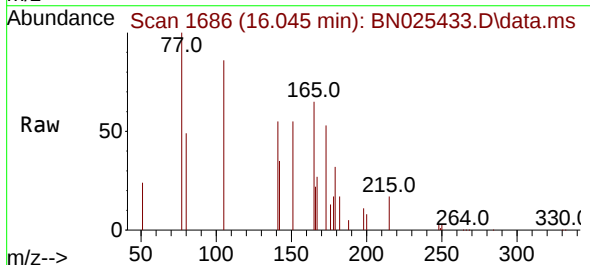
Instrument :
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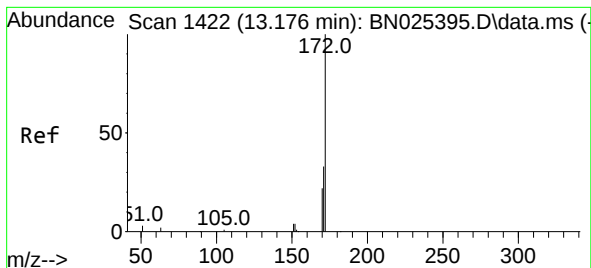
Tgt Ion:164 Resp: 41835
Ion Ratio Lower Upper
164 100
162 80.1 83.2 124.8#
160 39.0 38.8 58.2



#14
2,4,6-Tribromophenol
Concen: 0.004 ng
RT: 16.045 min Scan# 1686
Delta R.T. -0.012 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

Tgt Ion:330 Resp: 98
Ion Ratio Lower Upper
330 100
332 79.6 78.0 117.0
141 48046.9 30.2 45.2#

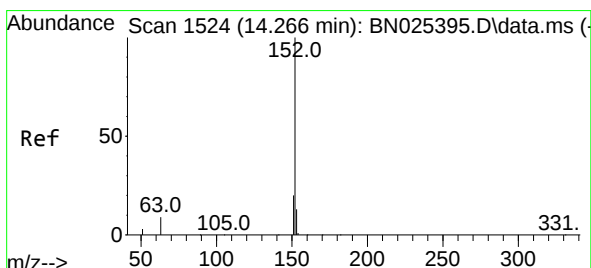
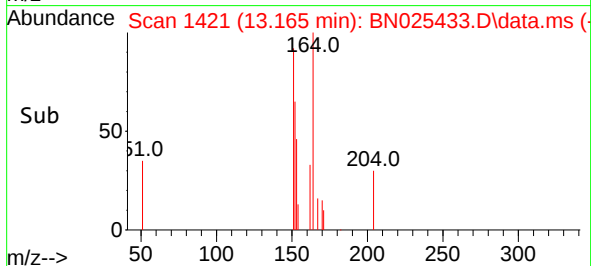
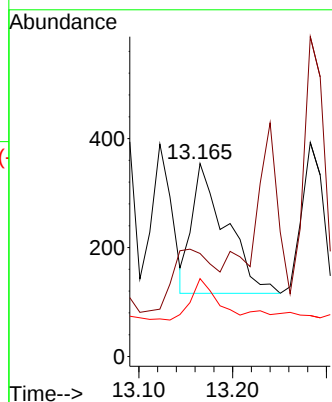
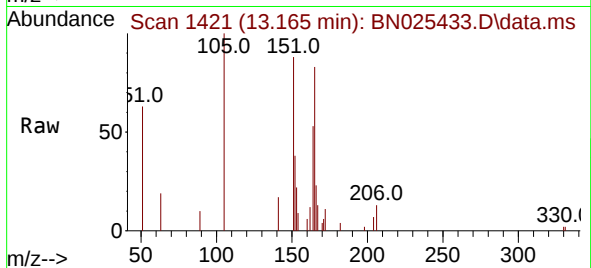




#15
2-Fluorobiphenyl
Concen: 0.004 ng
RT: 13.165 min Scan# 1422
Delta R.T. -0.011 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

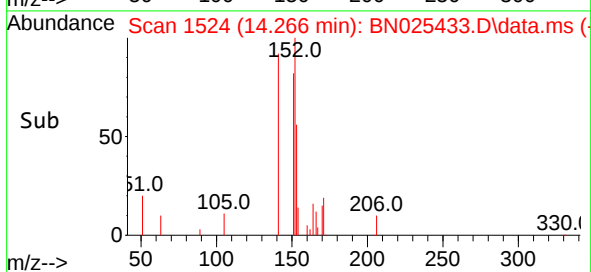
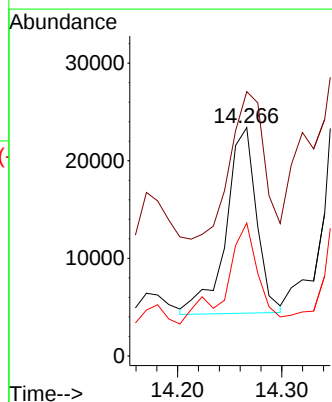
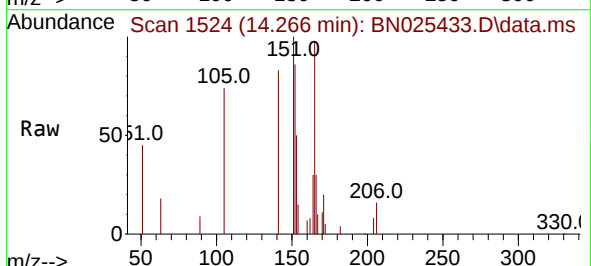
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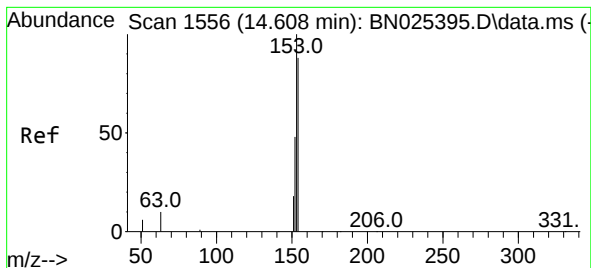
Tgt Ion:172 Resp: 604
Ion Ratio Lower Upper
172 100
171 53.4 26.7 40.1#
170 40.4 17.8 26.8#



#16
Acenaphthylene
Concen: 0.200 ng
RT: 14.266 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

Tgt Ion:152 Resp: 38890
Ion Ratio Lower Upper
152 100
151 108.1 15.9 23.9#
153 58.2 10.7 16.1#





#17

Acenaphthene

Concen: 0.036 ng

RT: 14.619 min Scan# 1557

Delta R.T. 0.011 min

Lab File: BN025433.D

Acq: 12 May 2023 13:06

Instrument :

BNA_N

ClientSampleId :

CO-54926DL

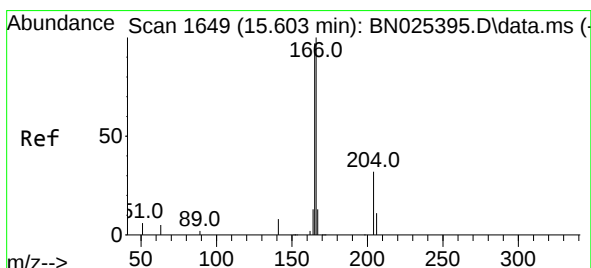
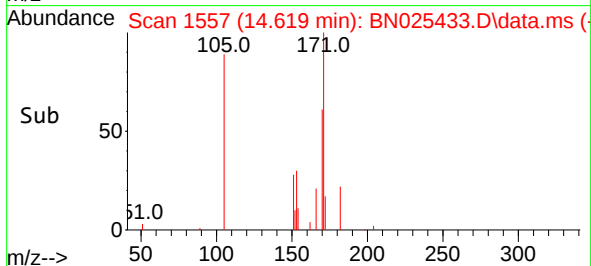
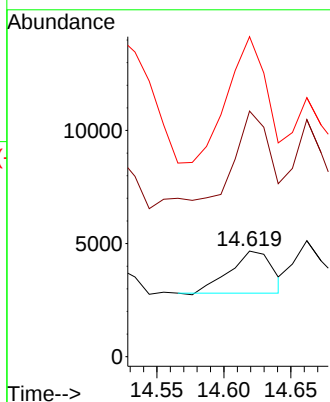
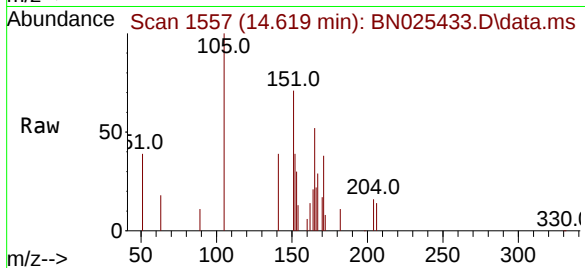
Tgt Ion:154 Resp: 4103

Ion Ratio Lower Upper

154 100

153 153.7 91.7 137.5#

152 293.8 44.6 66.8#



#18

Fluorene

Concen: 0.354 ng

RT: 15.592 min Scan# 1648

Delta R.T. -0.011 min

Lab File: BN025433.D

Acq: 12 May 2023 13:06

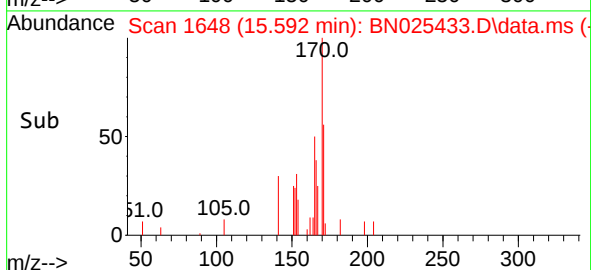
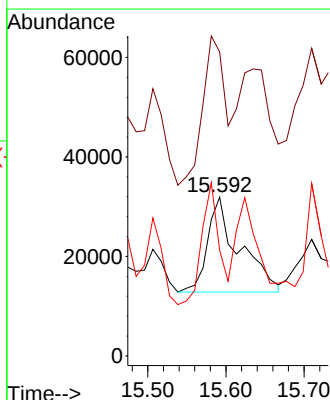
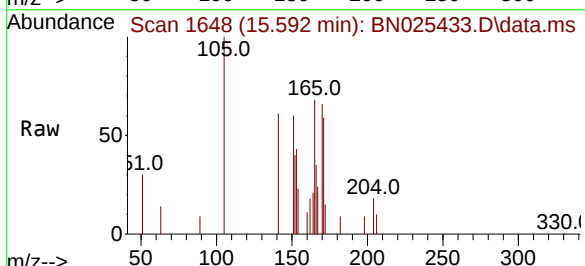
Tgt Ion:166 Resp: 53891

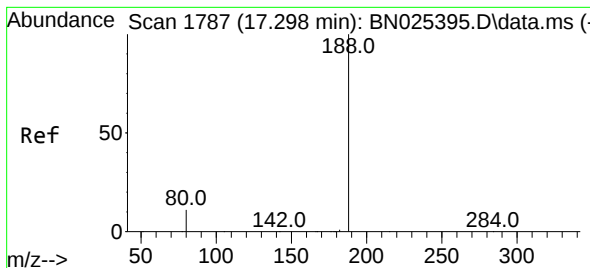
Ion Ratio Lower Upper

166 100

165 107.9 78.7 118.1

167 70.7 10.7 16.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.298 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN025433.D

Acq: 12 May 2023 13:06

Instrument :

BNA_N

ClientSampleId :

CO-54926DL

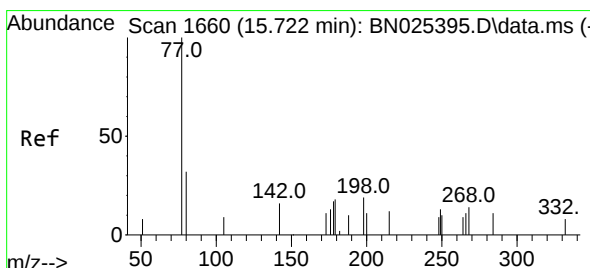
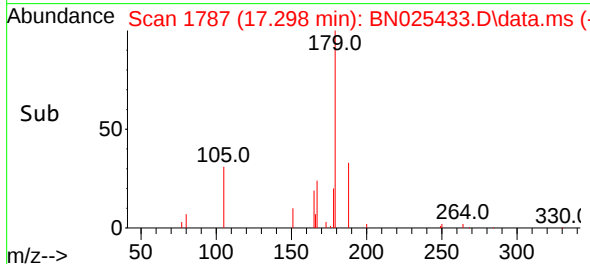
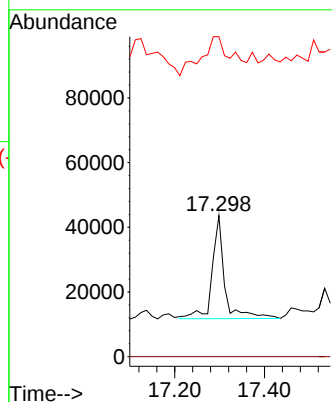
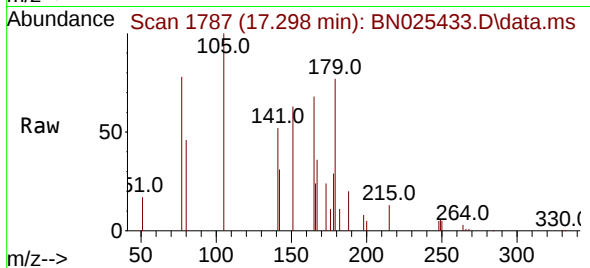
Tgt Ion:188 Resp: 60660

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 226.8 9.4 14.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 2.060 ng

RT: 15.710 min Scan# 1659

Delta R.T. -0.012 min

Lab File: BN025433.D

Acq: 12 May 2023 13:06

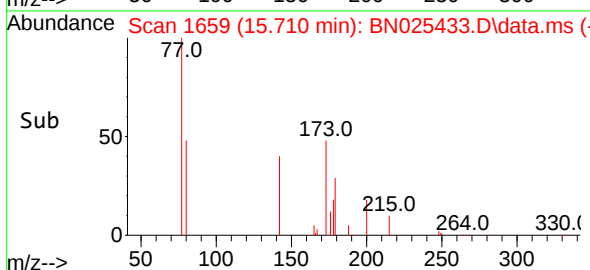
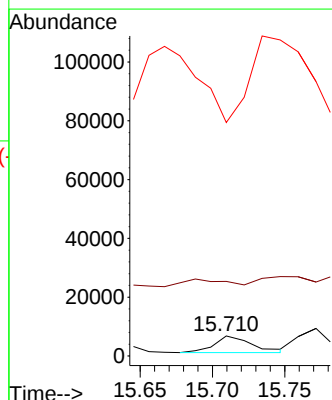
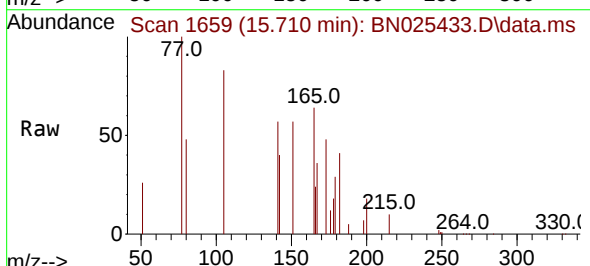
Tgt Ion:198 Resp: 10158

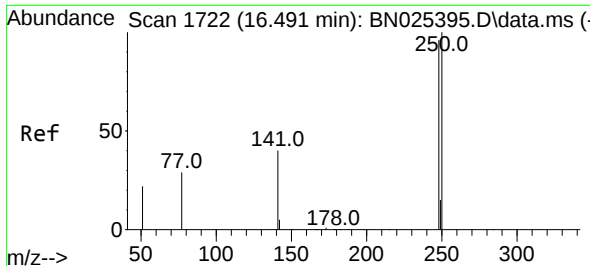
Ion Ratio Lower Upper

198 100

51 372.3 259.2 388.8

105 1165.2 112.6 168.8#

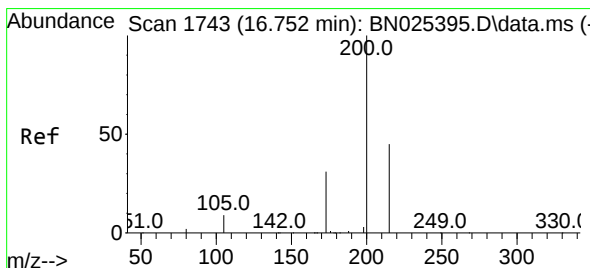
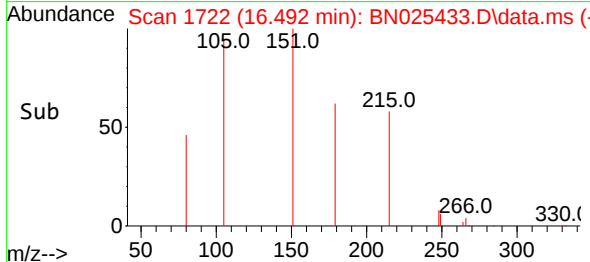
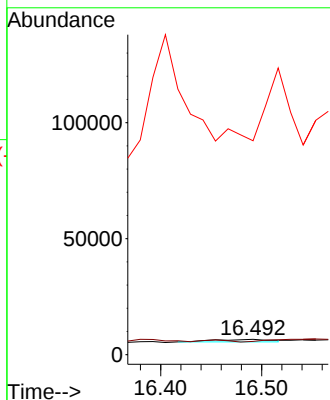
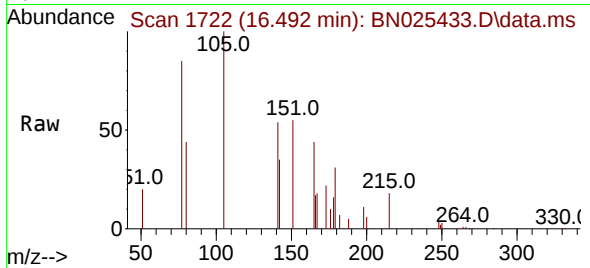




#21
4-Bromophenyl-phenylether
Concen: 0.119 ng
RT: 16.492 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

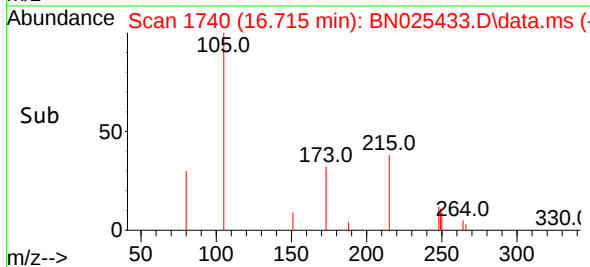
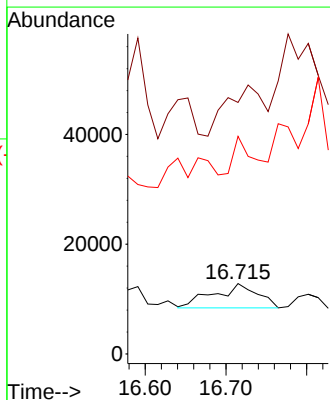
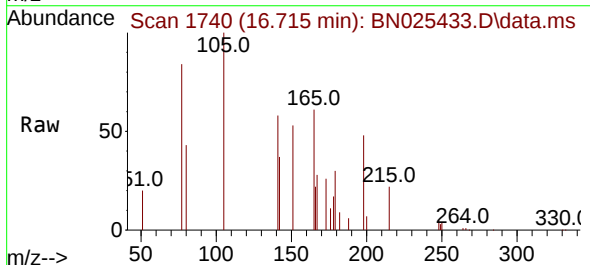
Instrument :
BNA_N
ClientSampleId :
CO-54926DL

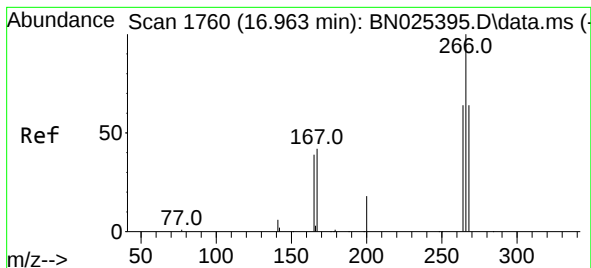
Tgt Ion:248 Resp: 4072
Ion Ratio Lower Upper
248 100
250 87.0 83.1 124.7
141 1395.0 35.0 52.6#



#23
Atrazine
Concen: 0.598 ng
RT: 16.715 min Scan# 1740
Delta R.T. -0.037 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

Tgt Ion:200 Resp: 16590
Ion Ratio Lower Upper
200 100
173 357.5 26.5 39.7#
215 309.3 37.0 55.4#





#24

Pentachlorophenol

Concen: 0.537 ng

RT: 17.000 min Scan# 1763

Delta R.T. 0.037 min

Lab File: BN025433.D

Acq: 12 May 2023 13:06

Instrument :

BNA_N

ClientSampleId :

CO-54926DL

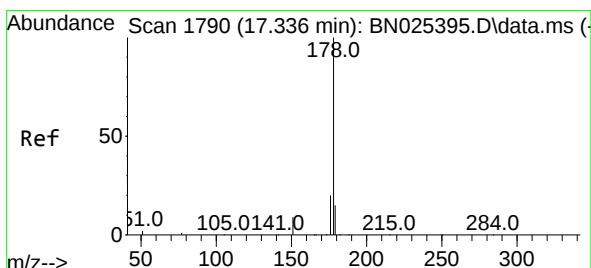
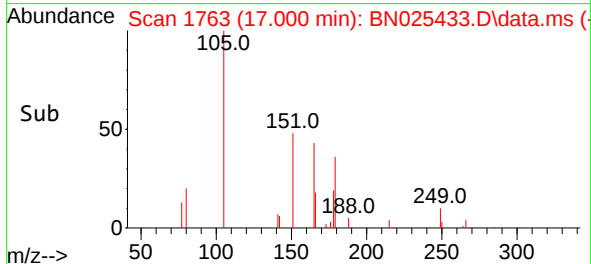
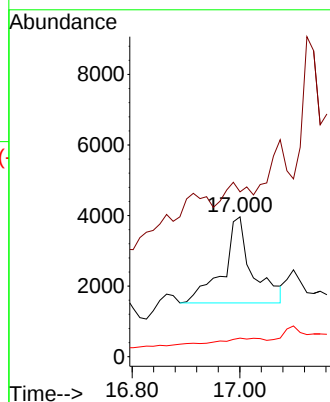
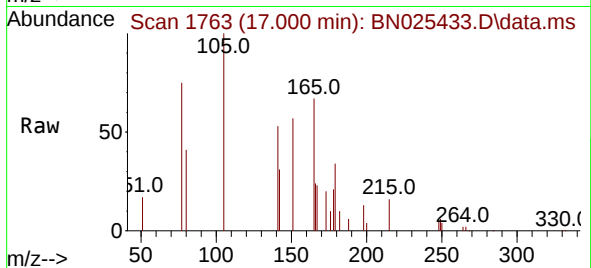
Tgt Ion:266 Resp: 9108

Ion Ratio Lower Upper

266 100

264 22.6 50.1 75.1#

268 9.6 49.3 73.9#



#25

Phenanthrene

Concen: 2.837 ng

RT: 17.336 min Scan# 1790

Delta R.T. 0.000 min

Lab File: BN025433.D

Acq: 12 May 2023 13:06

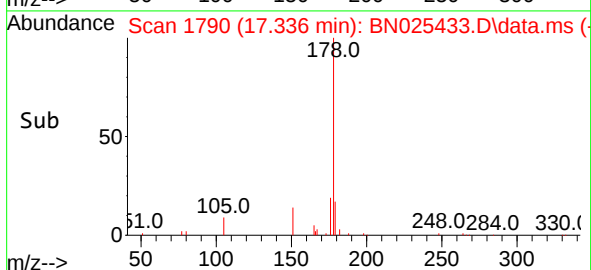
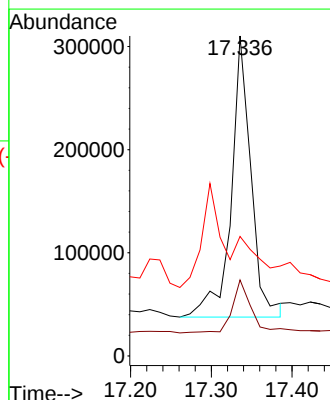
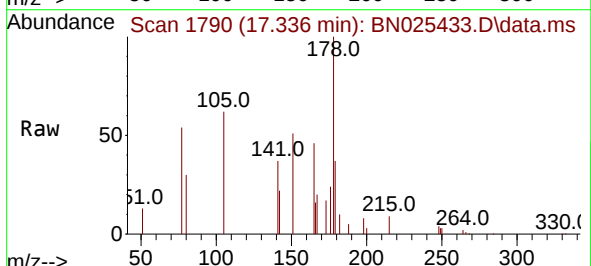
Tgt Ion:178 Resp: 465887

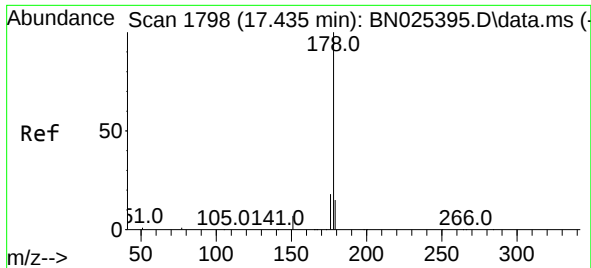
Ion Ratio Lower Upper

178 100

176 18.1 15.3 22.9

179 0.0 12.1 18.1#

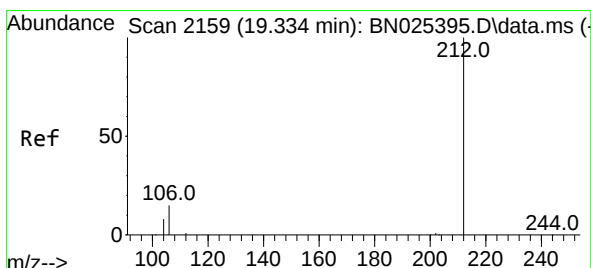
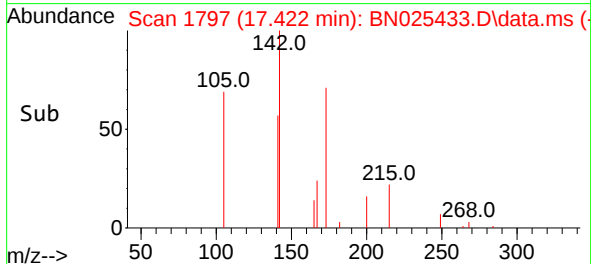
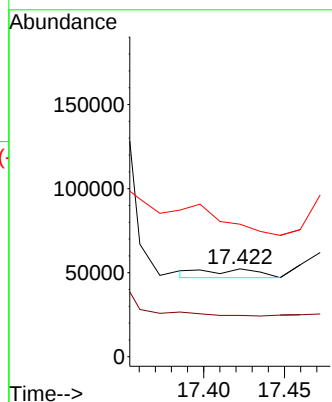
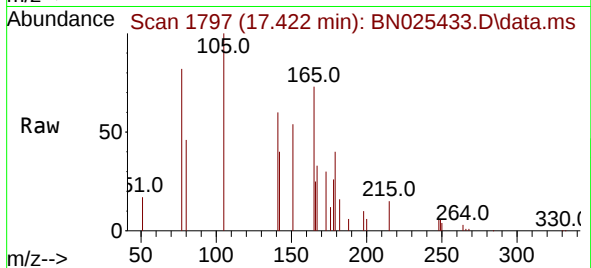




#26
 Anthracene
 Concen: 0.072 ng
 RT: 17.422 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN025433.D
 Acq: 12 May 2023 13:06

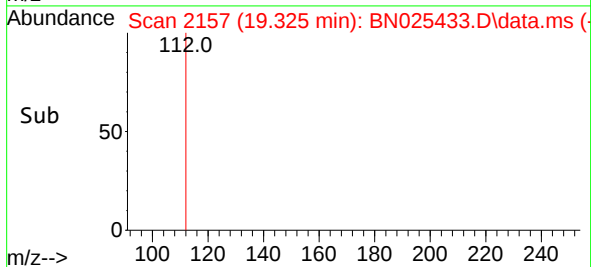
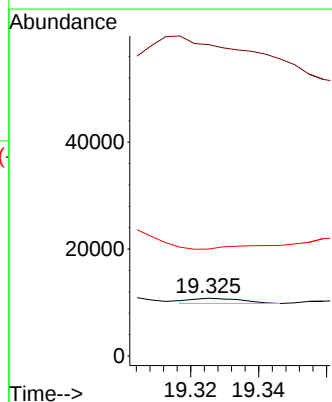
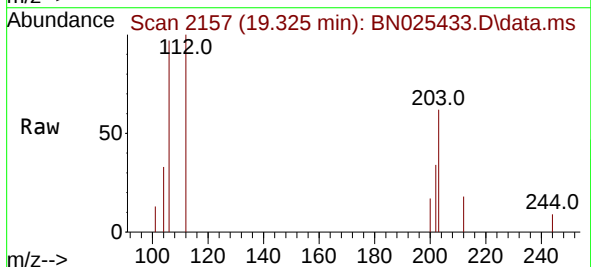
Instrument :
 BNA_N
 ClientSampleId :
 CO-54926DL

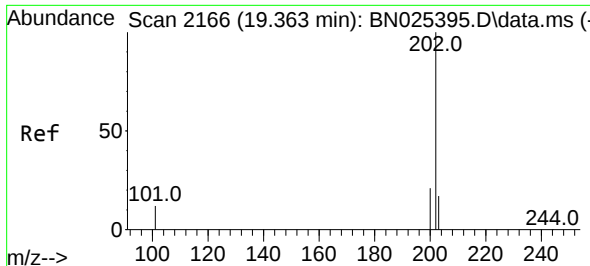
Tgt Ion:178 Resp: 11509
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.0 22.4#
 179 0.0 12.0 18.0#



#27
 Fluoranthene-d10
 Concen: 0.007 ng
 RT: 19.325 min Scan# 2157
 Delta R.T. -0.008 min
 Lab File: BN025433.D
 Acq: 12 May 2023 13:06

Tgt Ion:212 Resp: 984
 Ion Ratio Lower Upper
 212 100
 106 2010.6 12.6 19.0#
 104 0.0 7.0 10.4#

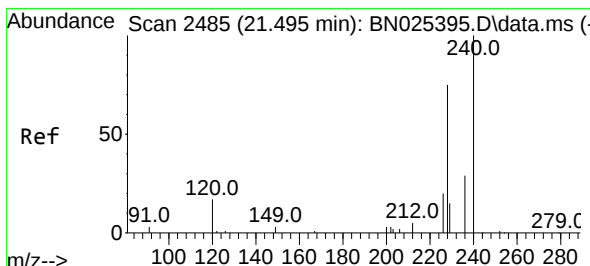
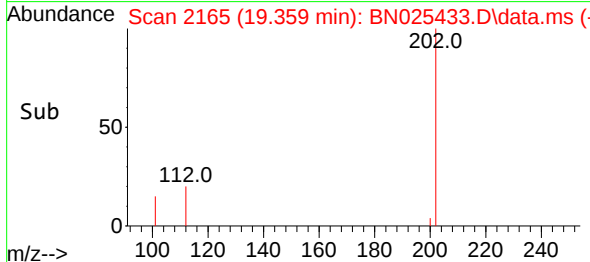
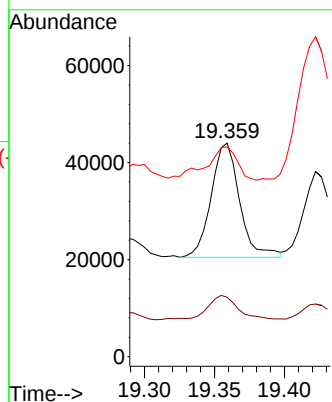
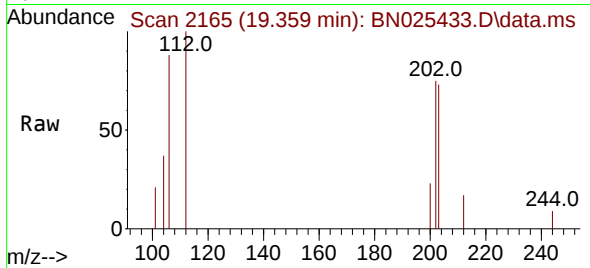




#28
 Fluoranthene
 Concen: 0.175 ng
 RT: 19.359 min Scan# 2165
 Delta R.T. -0.004 min
 Lab File: BN025433.D
 Acq: 12 May 2023 13:06

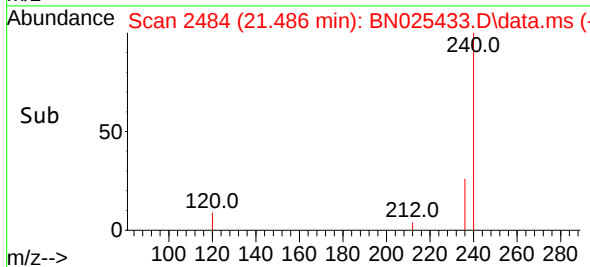
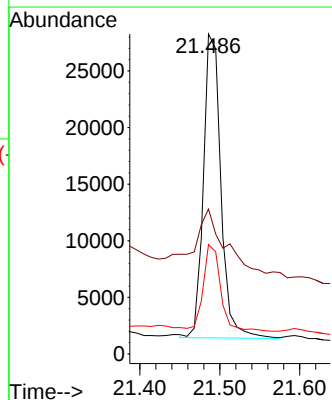
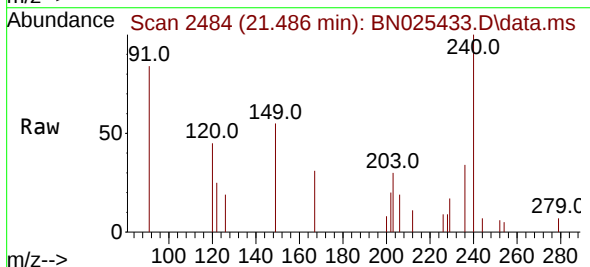
Instrument :
 BNA_N
 ClientSampleId :
 CO-54926DL

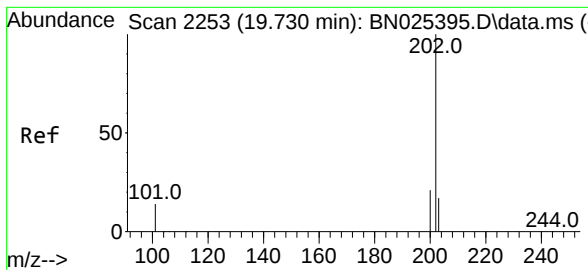
Tgt Ion:202 Resp: 33243
 Ion Ratio Lower Upper
 202 100
 101 22.6 9.8 14.8#
 203 32.2 13.8 20.6#



#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.486 min Scan# 2484
 Delta R.T. -0.009 min
 Lab File: BN025433.D
 Acq: 12 May 2023 13:06

Tgt Ion:240 Resp: 40682
 Ion Ratio Lower Upper
 240 100
 120 45.3 19.0 28.6#
 236 34.2 25.0 37.6

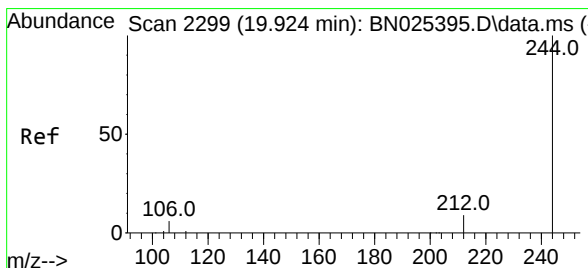
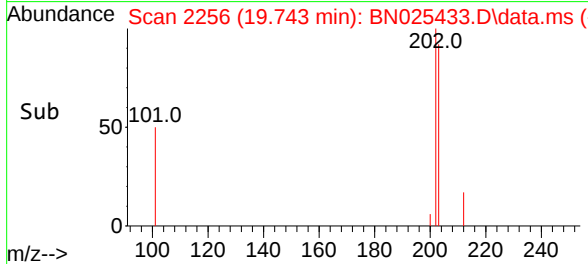
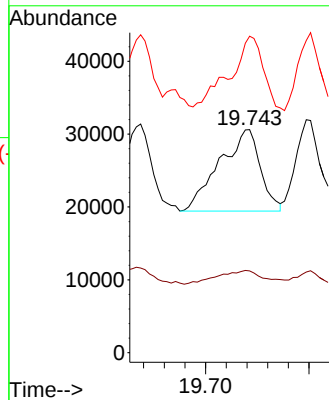
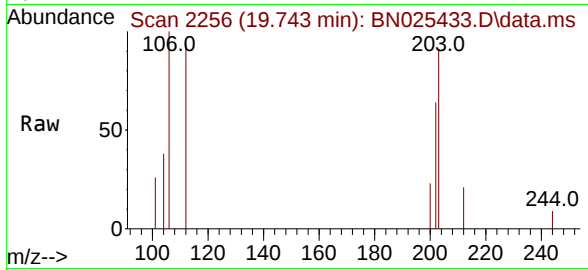




#30
 Pyrene
 Concen: 0.179 ng
 RT: 19.743 min Scan# 2253
 Delta R.T. 0.013 min
 Lab File: BN025433.D
 Acq: 12 May 2023 13:06

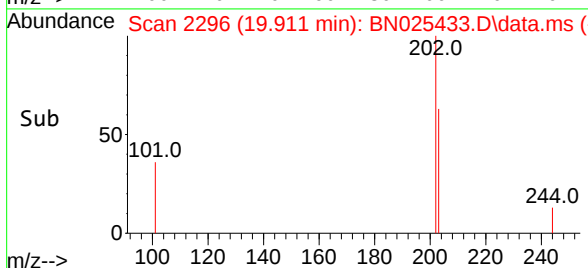
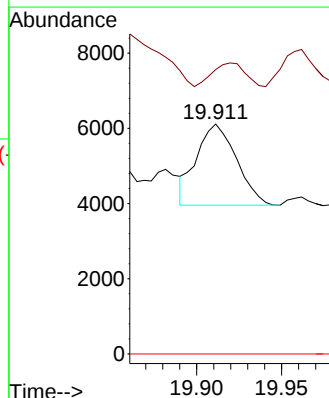
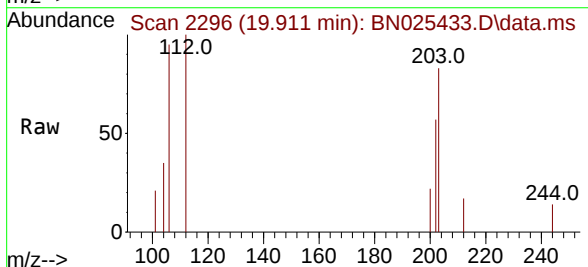
Instrument :
 BNA_N
 ClientSampleId :
 CO-54926DL

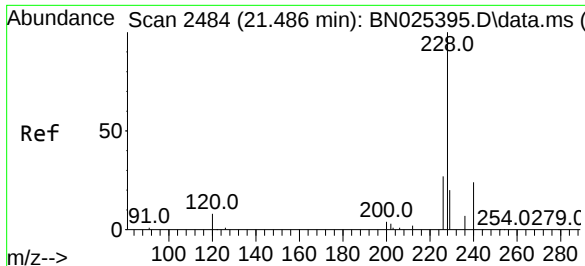
Tgt Ion:202 Resp: 30702
 Ion Ratio Lower Upper
 202 100
 200 19.2 16.8 25.2
 203 55.9 14.4 21.6#



#31
 Terphenyl-d14
 Concen: 0.036 ng
 RT: 19.911 min Scan# 2296
 Delta R.T. -0.013 min
 Lab File: BN025433.D
 Acq: 12 May 2023 13:06

Tgt Ion:244 Resp: 3520
 Ion Ratio Lower Upper
 244 100
 212 123.7 7.5 11.3#
 122 0.0 0.0 0.0

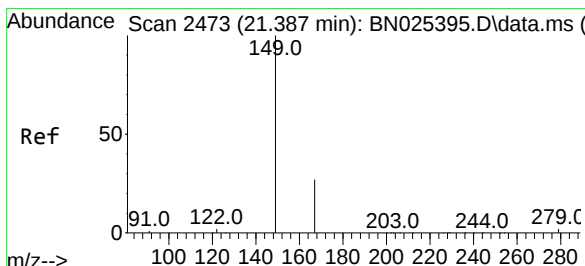
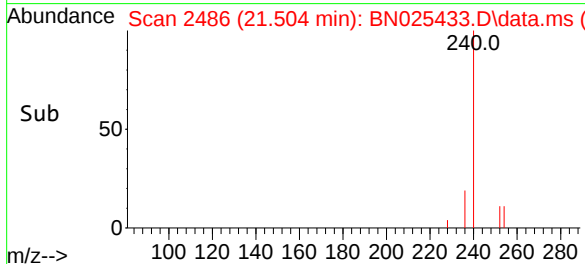
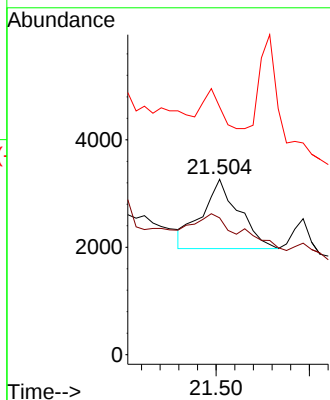
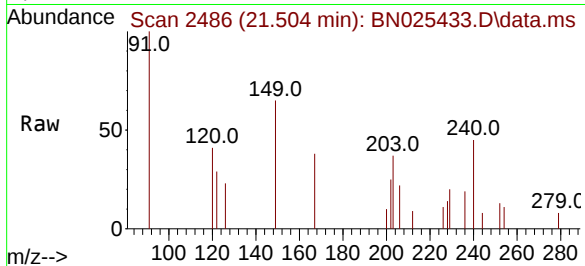




#32
Benzo(a)anthracene
Concen: 0.026 ng
RT: 21.504 min Scan# 2486
Delta R.T. 0.018 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

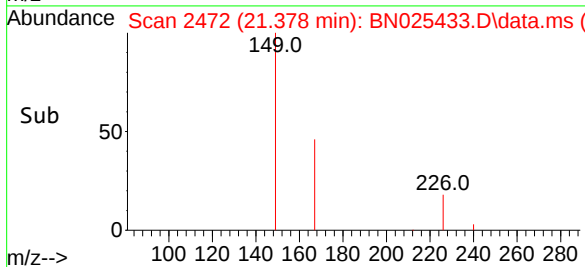
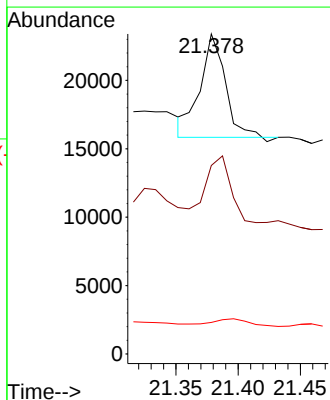
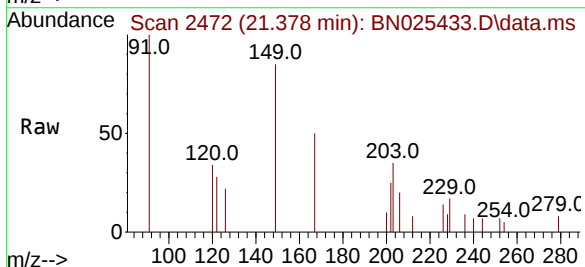
Instrument :
BNA_N
ClientSampleId :
CO-54926DL

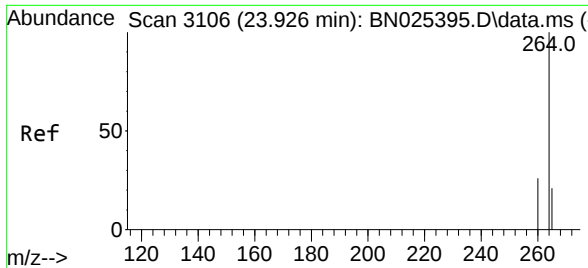
Tgt Ion:228 Resp: 3585
Ion Ratio Lower Upper
228 100
226 78.0 23.2 34.8#
229 141.2 18.2 27.2#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.079 ng
RT: 21.378 min Scan# 2472
Delta R.T. -0.009 min
Lab File: BN025433.D
Acq: 12 May 2023 13:06

Tgt Ion:149 Resp: 10512
Ion Ratio Lower Upper
149 100
167 68.7 21.7 32.5#
279 11.0 3.0 4.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.920 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN025433.D
 Acq: 12 May 2023 13:06

Instrument :
 BNA_N
 ClientSampleId :
 CO-54926DL

Tgt Ion:264 Resp: 38255
 Ion Ratio Lower Upper
 264 100
 260 26.9 23.5 35.3
 265 54.1 50.9 76.3

