

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031424\
 Data File : BN030395.D
 Acq On : 14 Mar 2024 13:33
 Operator : MA/JU
 Sample : P1716-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20240307

Quant Time: Mar 14 14:05:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 11:36:29 2024
 Response via : Initial Calibration

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

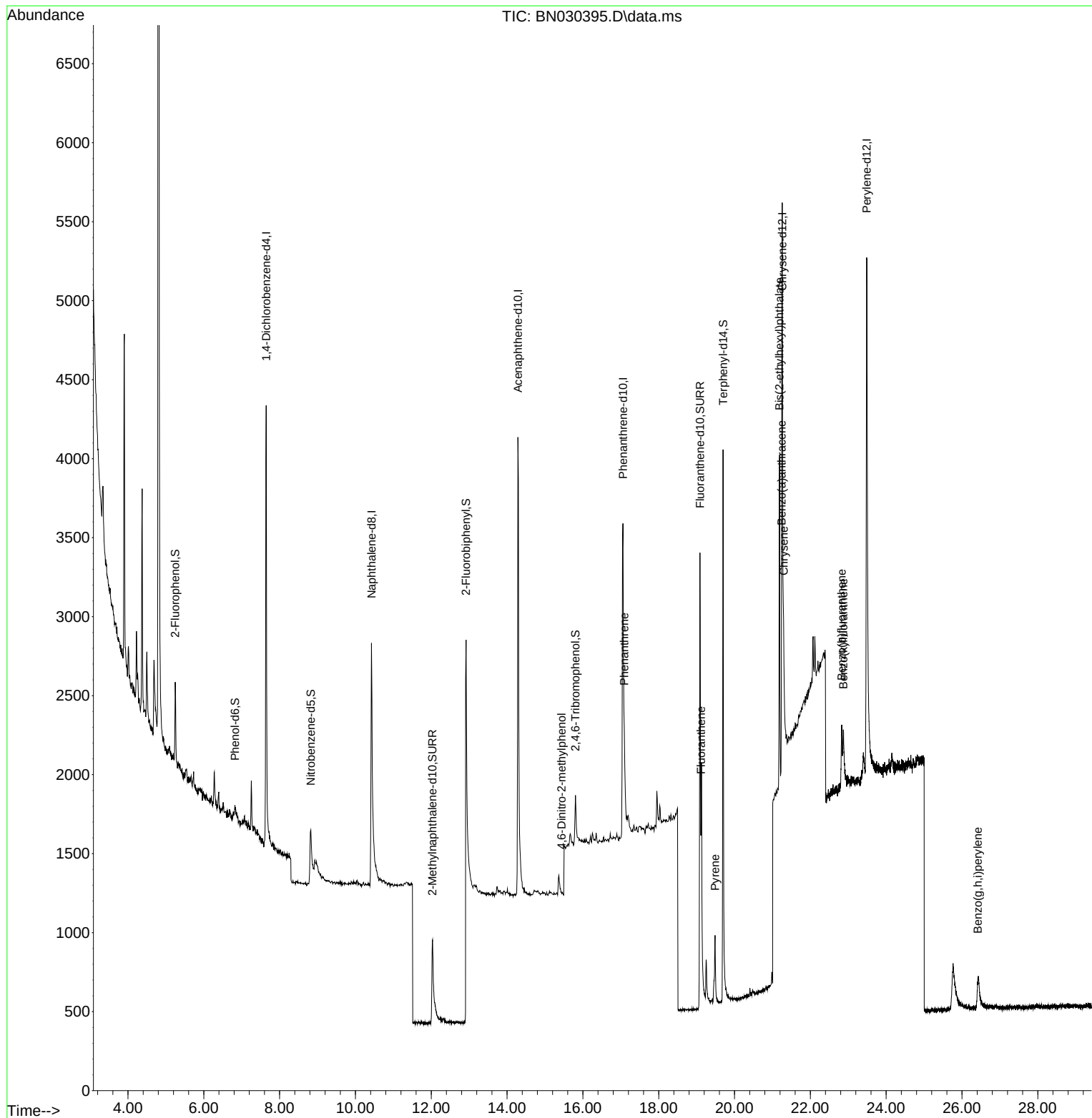
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.645	152	1633	0.400	ng	0.00
7) Naphthalene-d8	10.423	136	3618	0.400	ng	0.00
13) Acenaphthene-d10	14.287	164	2407	0.400	ng	0.00
19) Phenanthrene-d10	17.057	188	5221	0.400	ng	0.01
29) Chrysene-d12	21.259	240	5268	0.400	ng	0.00
35) Perylene-d12	23.487	264	5888	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.247	112	390	0.092	ng	0.00
5) Phenol-d6	6.822	99	151	0.036	ng	0.00
8) Nitrobenzene-d5	8.822	82	694	0.209	ng	0.02
11) 2-Methylnaphthalene-d10	12.030	152	1583	0.282	ng	0.00
14) 2,4,6-Tribromophenol	15.803	330	293	0.209	ng	0.01
15) 2-Fluorobiphenyl	12.918	172	2083	0.215	ng	0.01
27) Fluoranthene-d10	19.090	212	4724	0.312	ng	0.00
31) Terphenyl-d14	19.698	244	4377	0.366	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.441	198	1	0.180	ng	# 49
25) Phenanthrene	17.094	178	341	0.025	ng	# 91
28) Fluoranthene	19.118	202	508	0.027	ng	# 1
30) Pyrene	19.485	202	492	0.025	ng	# 99
32) Benzo(a)anthracene	21.241	228	368	0.021	ng	# 68
33) Chrysene	21.295	228	593	0.031	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.188	149	2141	0.234	ng	# 99
37) Benzo(b)fluoranthene	22.827	252	540	0.028	ng	# 1
38) Benzo(k)fluoranthene	22.873	252	576	0.030	ng	# 1
41) Benzo(g,h,i)perylene	26.420	276	633	0.027	ng	# 47

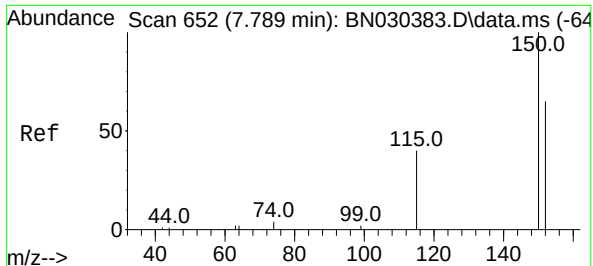
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031424\
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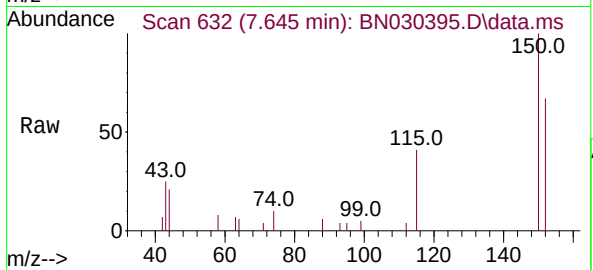
Quant Time: Mar 14 14:05:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031324.M
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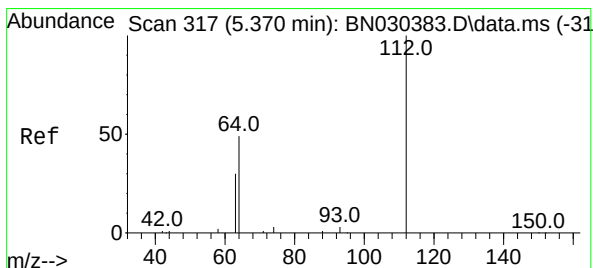
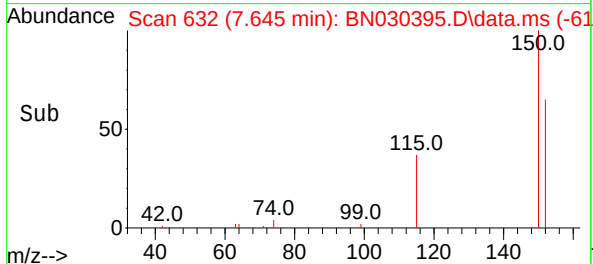
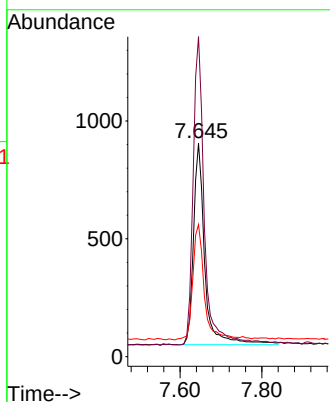
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.645 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

Instrument :
BNA_N
ClientSampleId :
SP-201-20240307



Tgt Ion:152 Resp: 1633

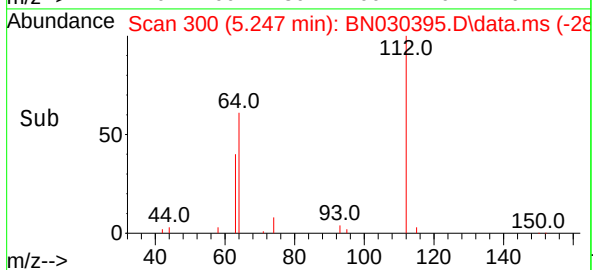
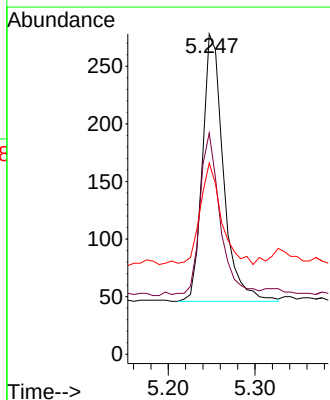
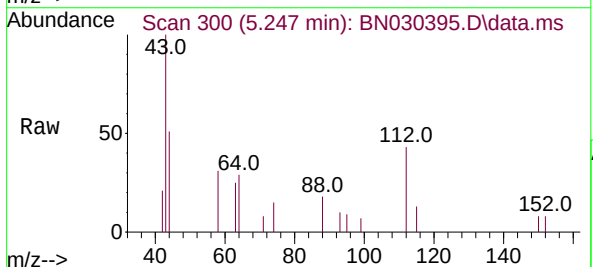
Ion	Ratio	Lower	Upper
152	100		
150	149.9	120.4	180.6
115	61.9	52.8	79.2

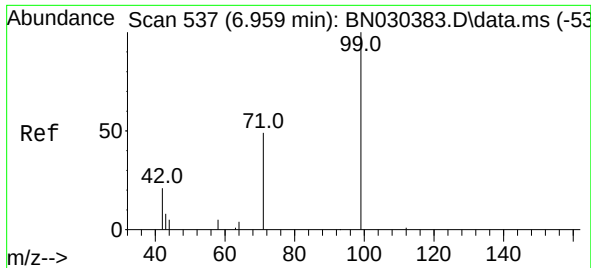


#4
2-Fluorophenol
Concen: 0.092 ng
RT: 5.247 min Scan# 300
Delta R.T. -0.000 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

Tgt Ion:112 Resp: 390

Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.6	68.4
63	38.2	28.2	42.4

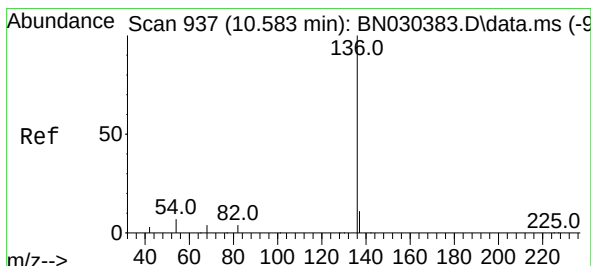
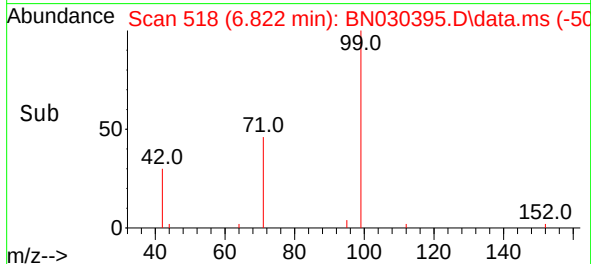
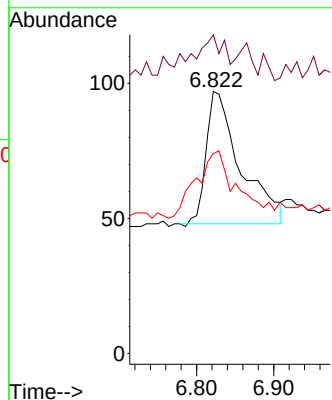
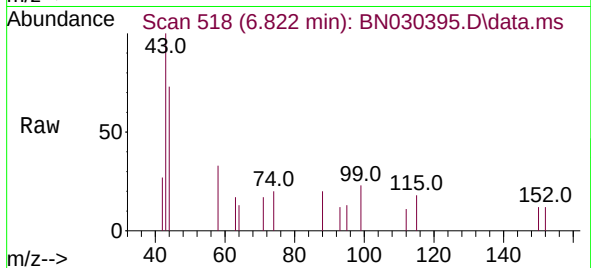




#5
Phenol-d6
Concen: 0.036 ng
RT: 6.822 min Scan# 518
Delta R.T. 0.007 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

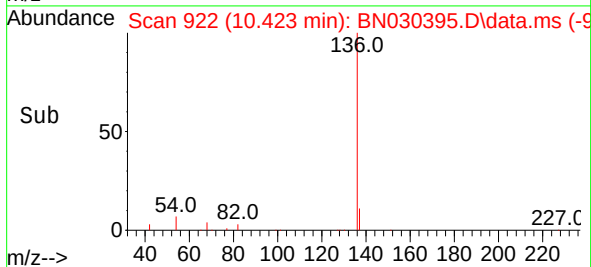
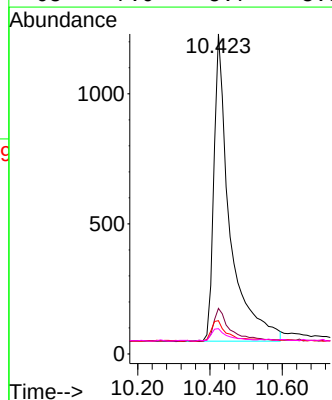
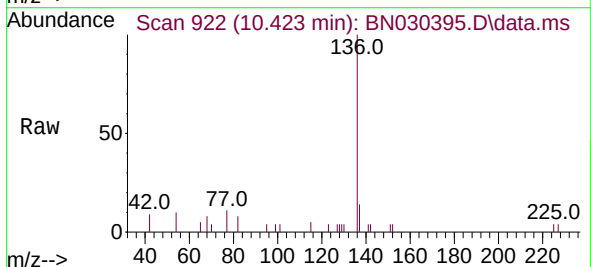
Instrument :
BNA_N
ClientSampleId :
SP-201-20240307

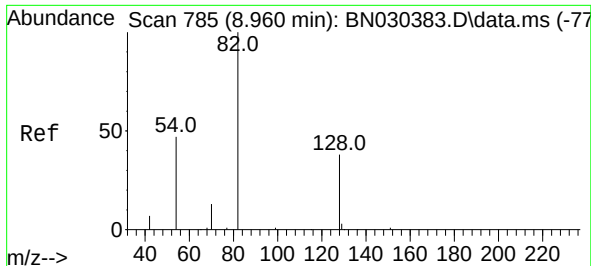
Tgt Ion: 99 Resp: 151
Ion Ratio Lower Upper
99 100
42 29.8 17.0 25.6#
71 60.9 37.0 55.6#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.423 min Scan# 922
Delta R.T. -0.000 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

Tgt Ion: 136 Resp: 3618
Ion Ratio Lower Upper
136 100
137 14.2 11.0 16.6
54 10.4 7.8 11.8
68 7.9 5.7 8.5

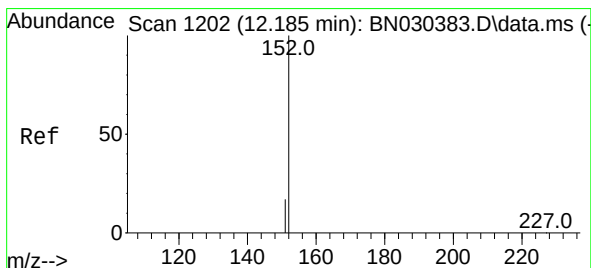
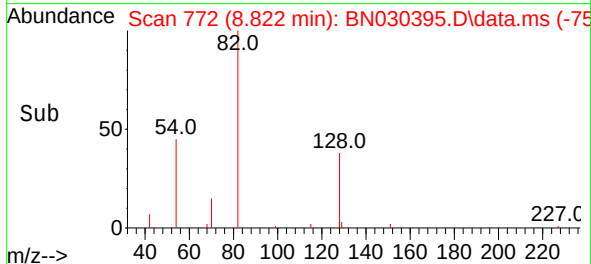
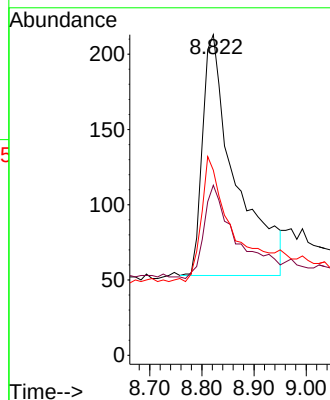
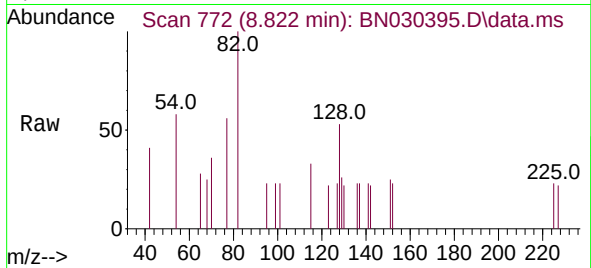




#8
Nitrobenzene-d5
Concen: 0.209 ng
RT: 8.822 min Scan# 71
Delta R.T. 0.021 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

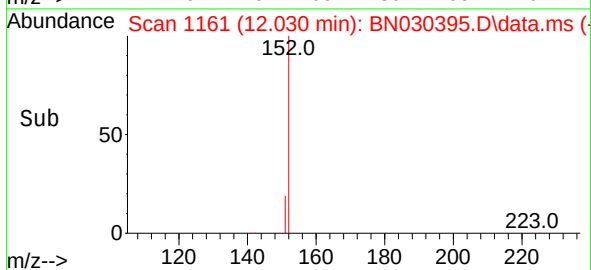
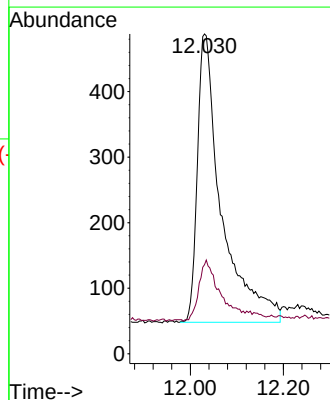
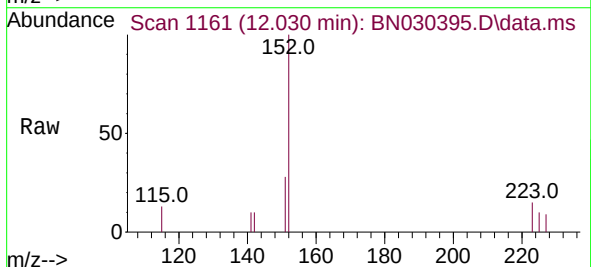
Instrument :
BNA_N
ClientSampleId :
SP-201-20240307

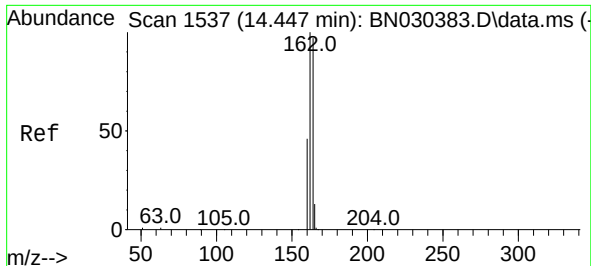
Tgt Ion: 82 Resp: 694
Ion Ratio Lower Upper
82 100
128 53.1 35.2 52.8#
54 57.7 41.5 62.3



#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 12.030 min Scan# 1161
Delta R.T. 0.008 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

Tgt Ion:152 Resp: 1583
Ion Ratio Lower Upper
152 100
151 18.6 15.8 23.8

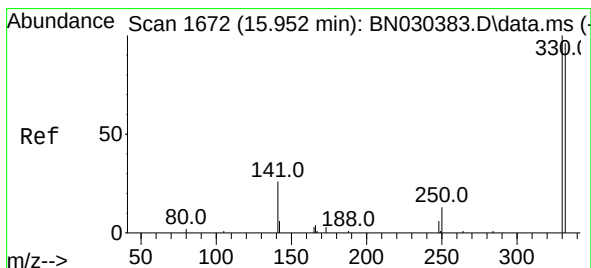
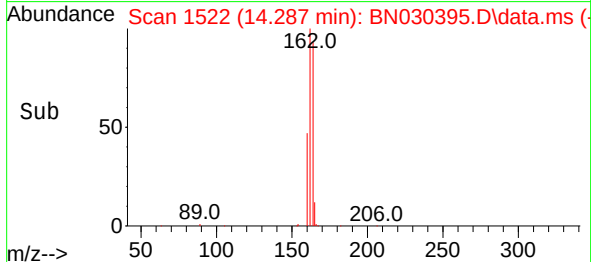
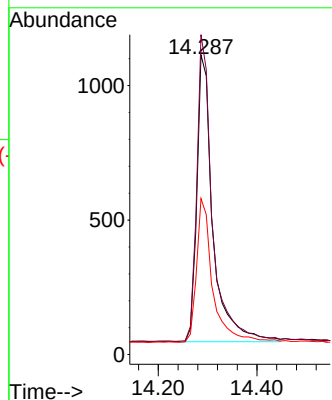
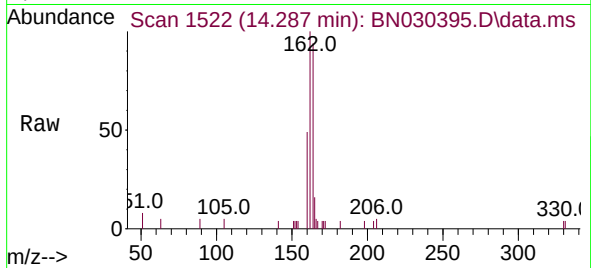




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.287 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

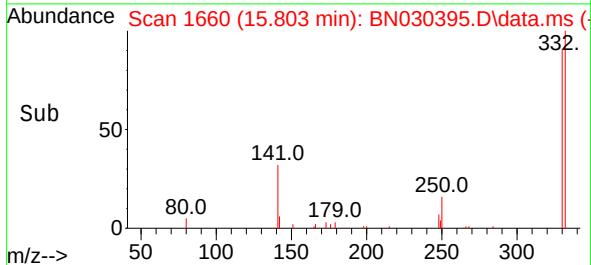
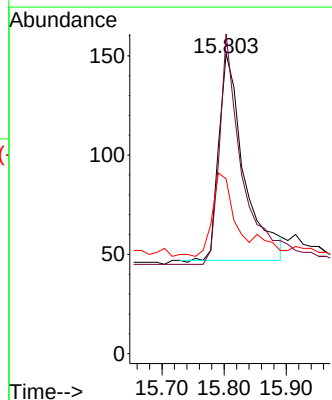
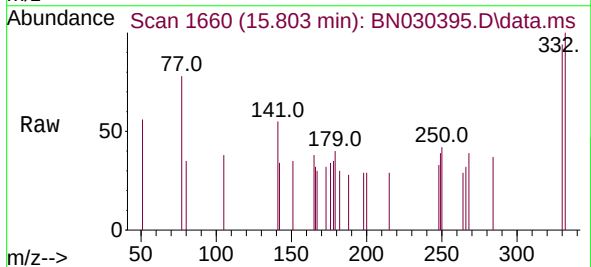
Instrument :
BNA_N
ClientSampleId :
SP-201-20240307

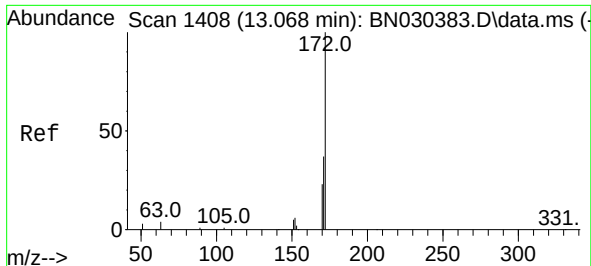
Tgt Ion:164 Resp: 2407
Ion Ratio Lower Upper
164 100
162 106.7 82.6 124.0
160 52.1 39.5 59.3



#14
2,4,6-Tribromophenol
Concen: 0.209 ng
RT: 15.803 min Scan# 1660
Delta R.T. 0.012 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

Tgt Ion:330 Resp: 293
Ion Ratio Lower Upper
330 100
332 95.6 77.2 115.8
141 32.4 31.4 47.2





#15

2-Fluorobiphenyl

Concen: 0.215 ng

RT: 12.918 min Scan# 1408

Delta R.T. 0.011 min

Lab File: BN030395.D

Acq: 14 Mar 2024 13:33

Instrument :

BNA_N

ClientSampleId :

SP-201-20240307

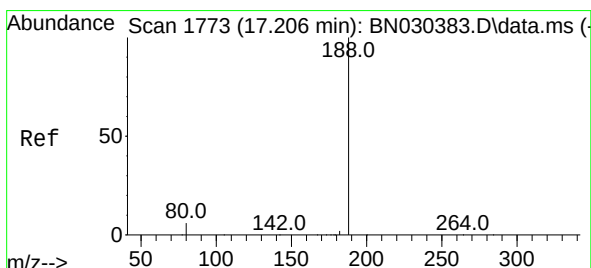
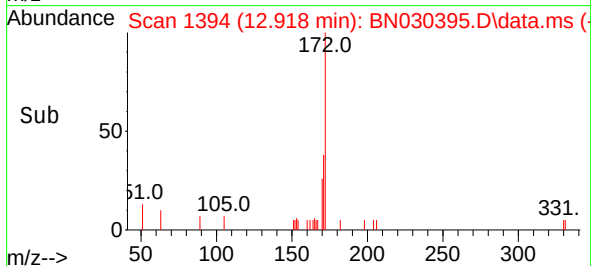
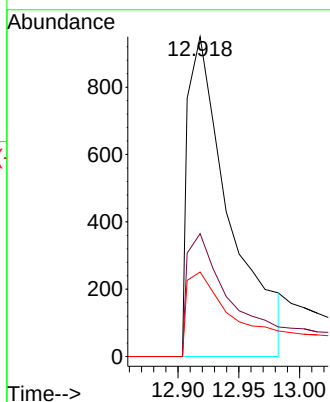
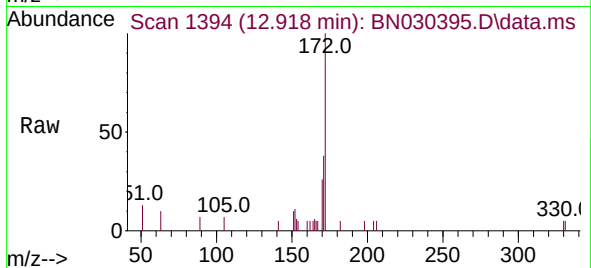
Tgt Ion:172 Resp: 2083

Ion Ratio Lower Upper

172 100

171 38.4 31.0 46.6

170 26.4 20.6 31.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.057 min Scan# 1761

Delta R.T. 0.012 min

Lab File: BN030395.D

Acq: 14 Mar 2024 13:33

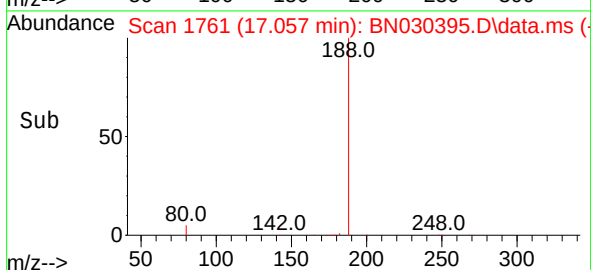
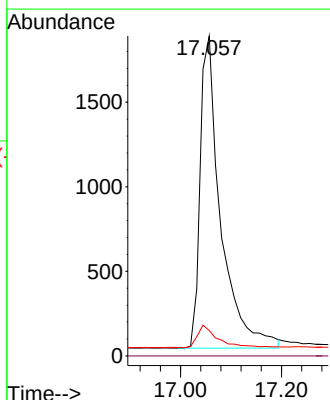
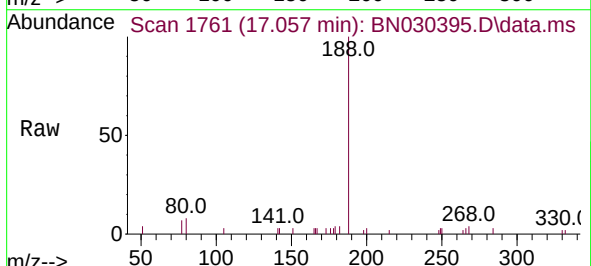
Tgt Ion:188 Resp: 5221

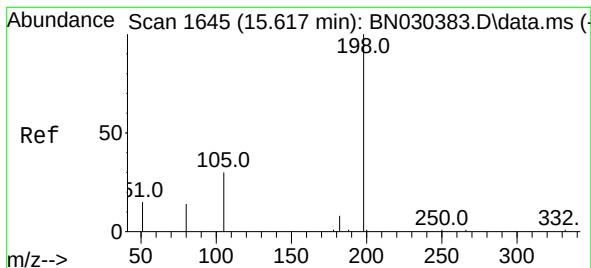
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.9 6.4 9.6

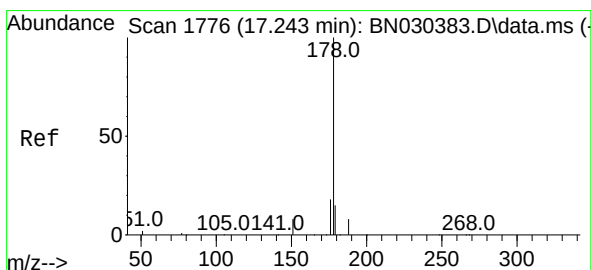
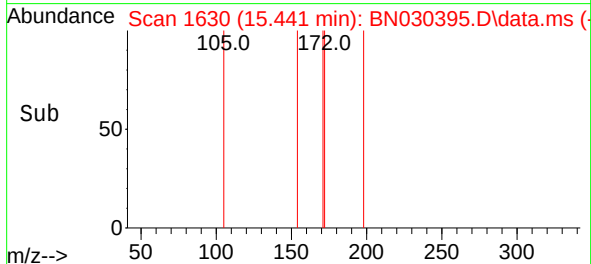
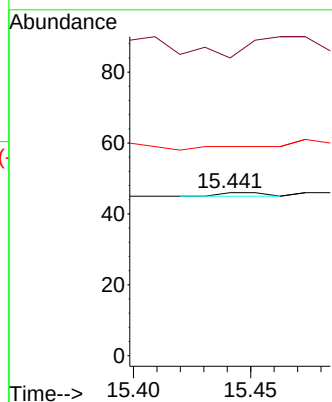
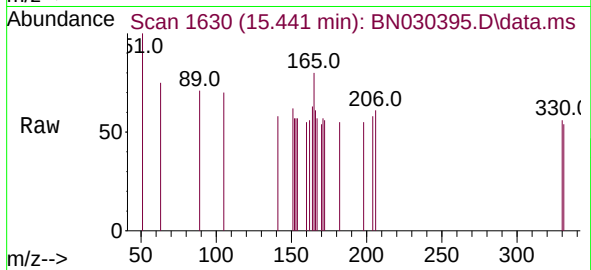




#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.441 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

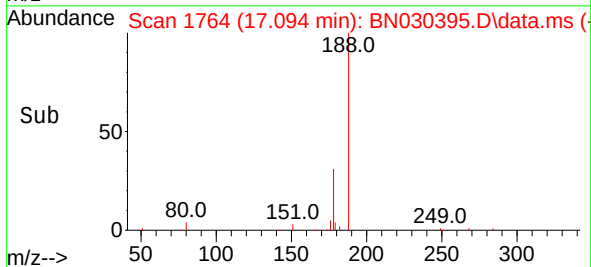
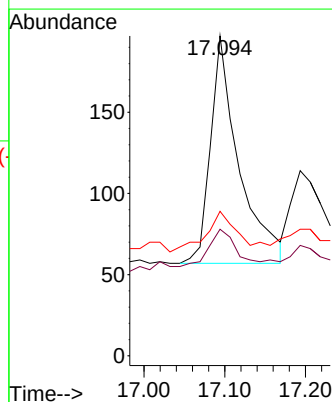
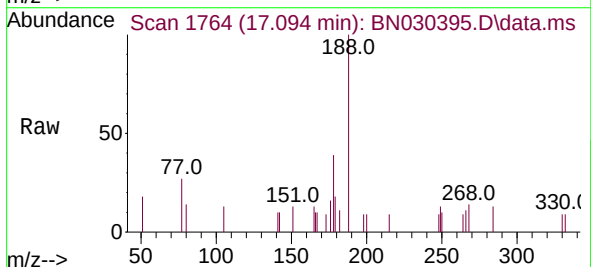
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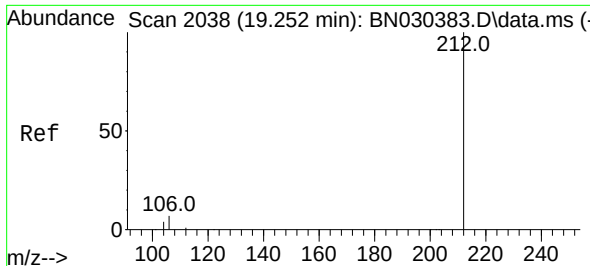
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 182.6 110.8 166.2#
105 128.3 51.7 77.5#



#25
Phenanthrene
Concen: 0.025 ng
RT: 17.094 min Scan# 1764
Delta R.T. 0.012 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

Tgt Ion:178 Resp: 341
Ion Ratio Lower Upper
178 100
176 16.7 15.1 22.7
179 20.8 12.1 18.1#

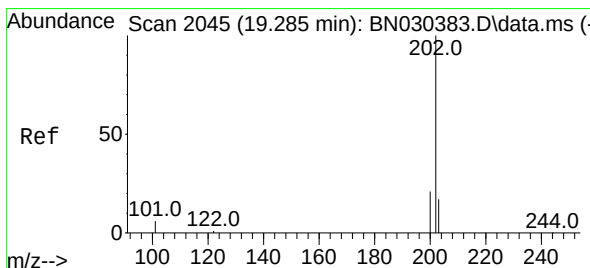
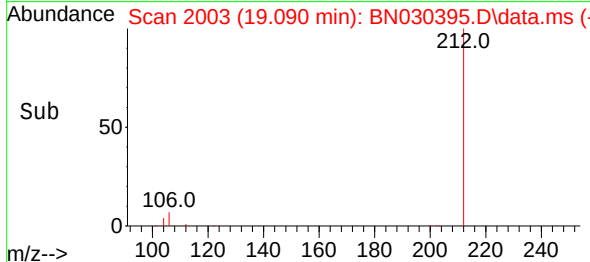
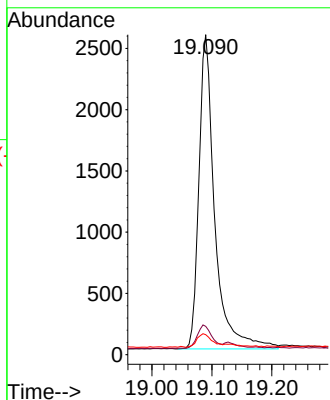
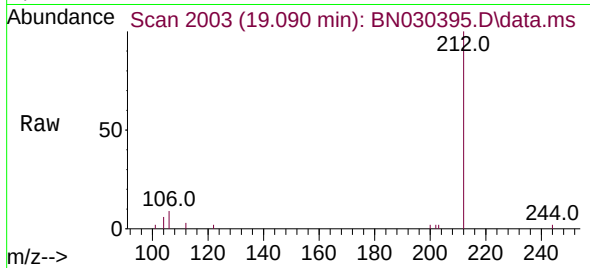




#27
Fluoranthene-d10
Concen: 0.312 ng
RT: 19.090 min Scan# 2003
Delta R.T. 0.005 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

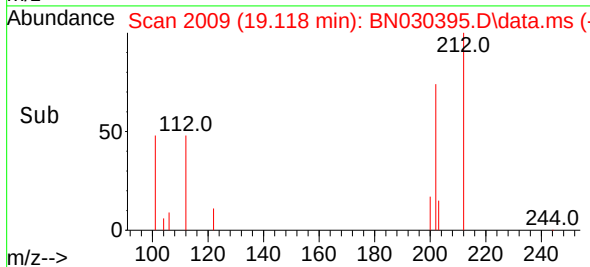
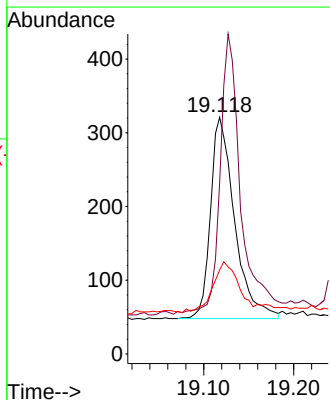
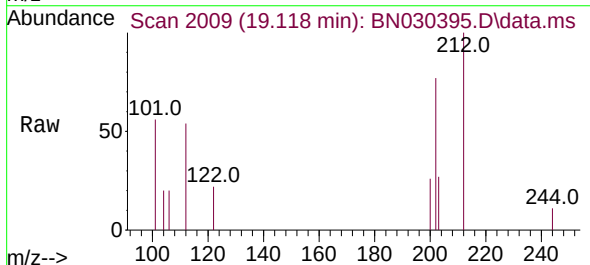
Instrument :
BNA_N
ClientSampleId :
SP-201-20240307

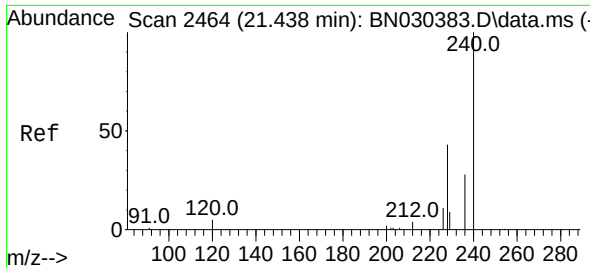
Tgt Ion:212 Resp: 4724
Ion Ratio Lower Upper
212 100
106 6.9 6.0 9.0
104 4.1 3.4 5.0



#28
Fluoranthene
Concen: 0.027 ng
RT: 19.118 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

Tgt Ion:202 Resp: 508
Ion Ratio Lower Upper
202 100
101 119.9 4.6 6.8#
203 27.8 13.4 20.0#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.259 min Scan# 2444

Delta R.T. 0.009 min

Lab File: BN030395.D

Acq: 14 Mar 2024 13:33

Instrument :

BNA_N

ClientSampleId :

SP-201-20240307

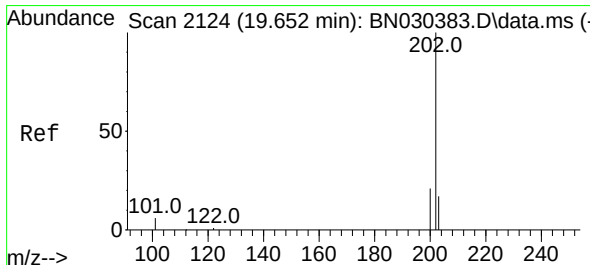
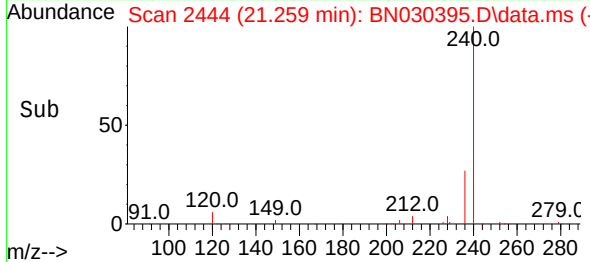
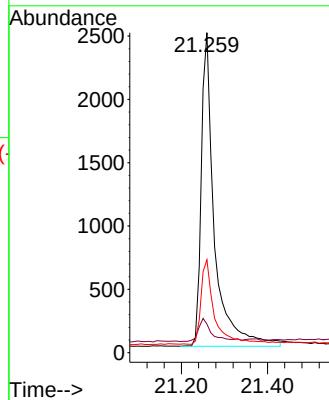
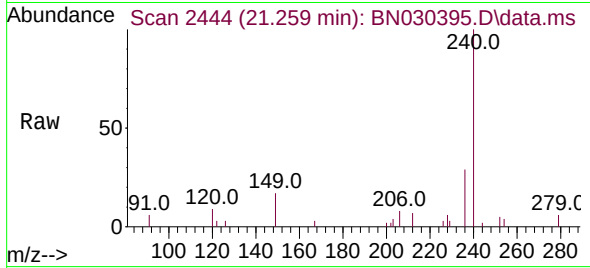
Tgt Ion:240 Resp: 5268

Ion Ratio Lower Upper

240 100

120 8.9 6.7 10.1

236 29.0 23.8 35.8



#30

Pyrene

Concen: 0.025 ng

RT: 19.485 min Scan# 2088

Delta R.T. 0.005 min

Lab File: BN030395.D

Acq: 14 Mar 2024 13:33

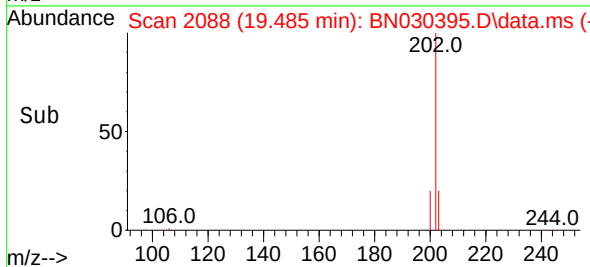
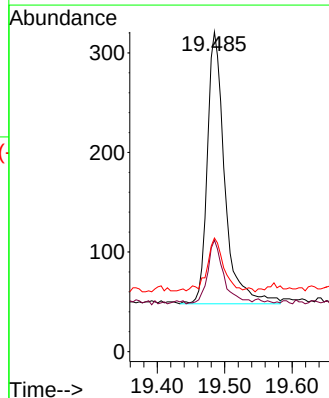
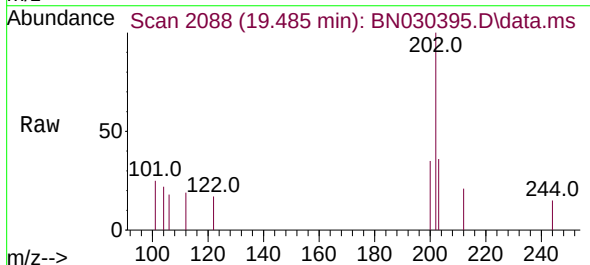
Tgt Ion:202 Resp: 492

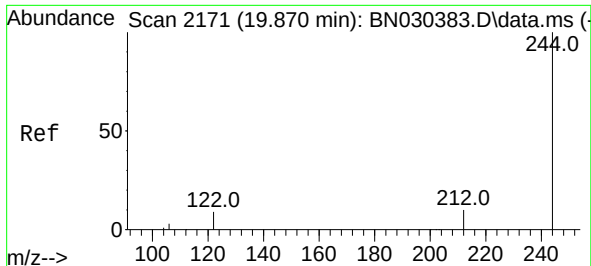
Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

203 17.9 13.8 20.8

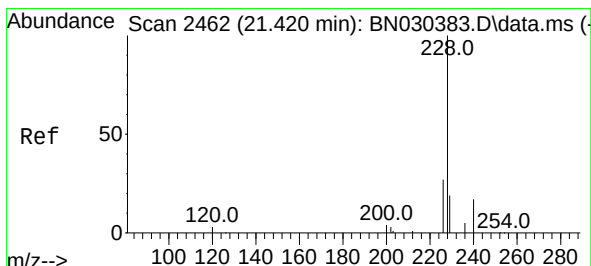
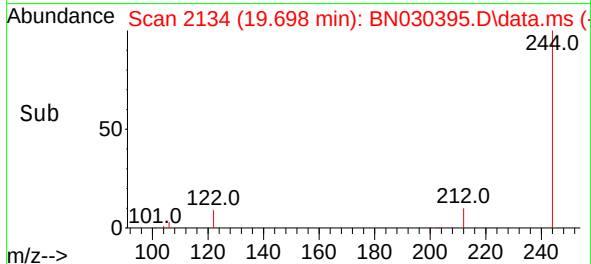
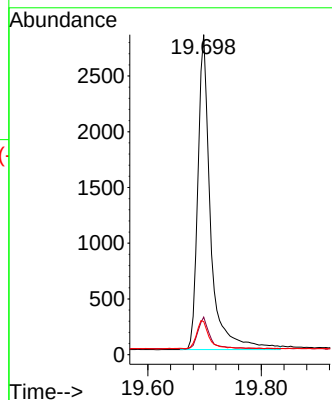
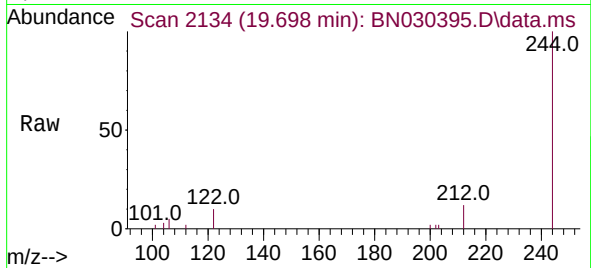




#31
Terphenyl-d14
Concen: 0.366 ng
RT: 19.698 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

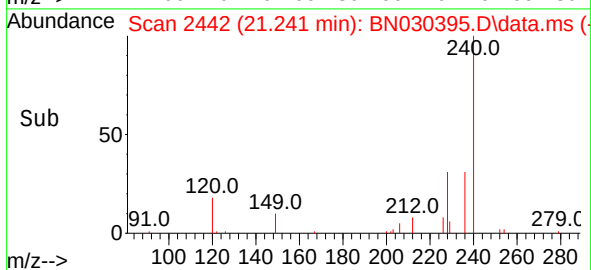
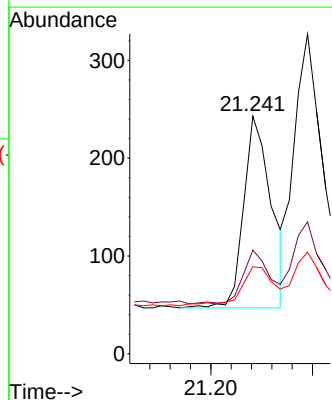
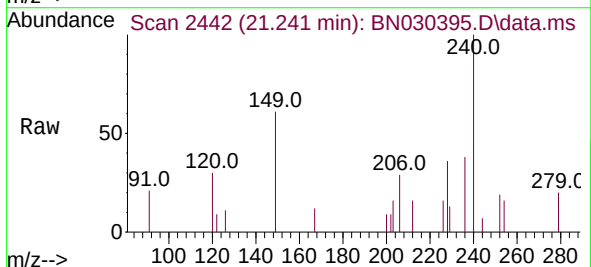
Instrument :
BNA_N
ClientSampleId :
SP-201-20240307

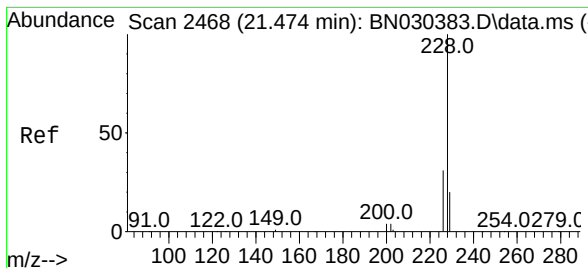
Tgt Ion:244 Resp: 4377
Ion Ratio Lower Upper
244 100
212 11.7 9.8 14.6
122 10.3 8.6 12.8



#32
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.241 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN030395.D
Acq: 14 Mar 2024 13:33

Tgt Ion:228 Resp: 368
Ion Ratio Lower Upper
228 100
226 43.6 22.2 33.2#
229 36.6 16.4 24.6#





#33

Chrysene

Concen: 0.031 ng

RT: 21.295 min Scan# 2448

Delta R.T. 0.009 min

Lab File: BN030395.D

Acq: 14 Mar 2024 13:33

Instrument :

BNA_N

ClientSampleId :

SP-201-20240307

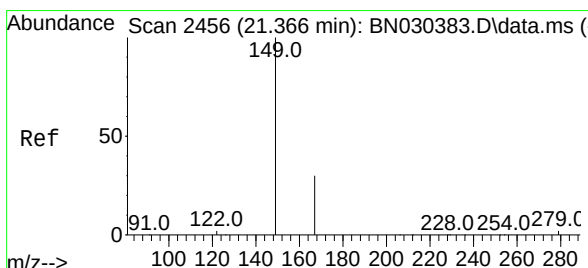
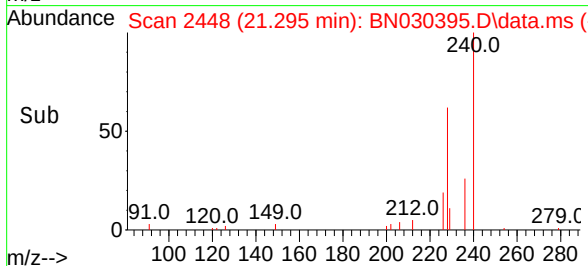
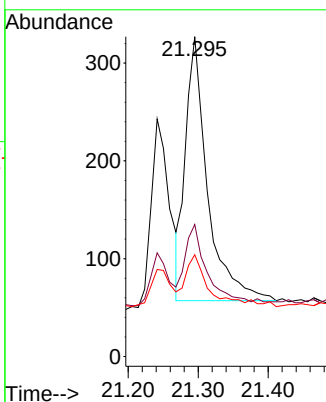
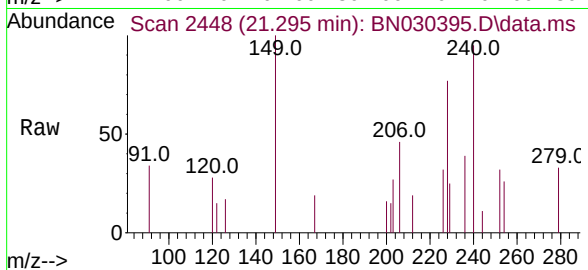
Tgt Ion:228 Resp: 593

Ion Ratio Lower Upper

228 100

226 41.3 25.0 37.6#

229 31.8 16.9 25.3#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.234 ng

RT: 21.188 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BN030395.D

Acq: 14 Mar 2024 13:33

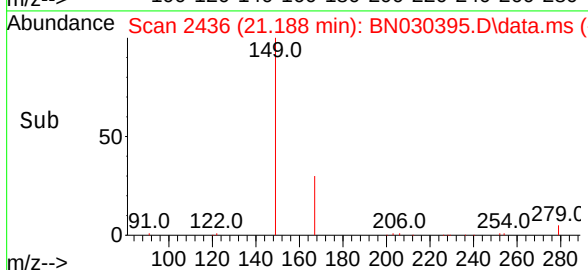
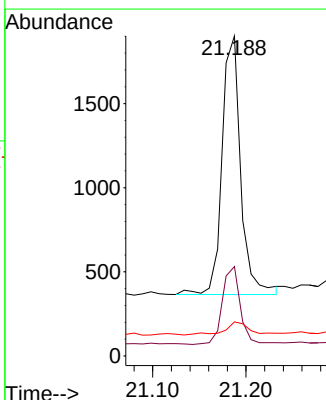
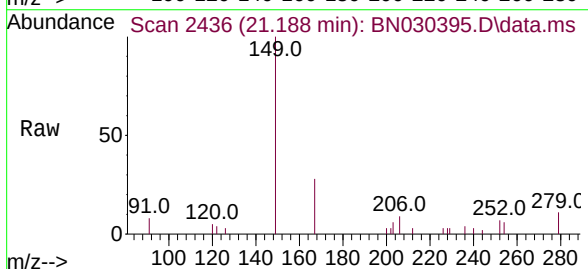
Tgt Ion:149 Resp: 2141

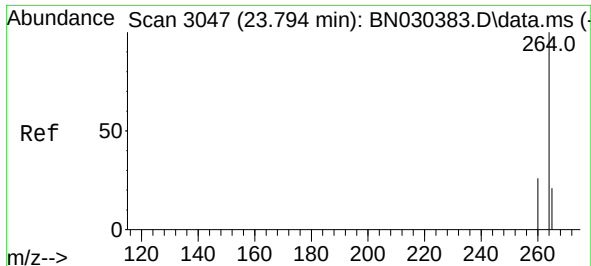
Ion Ratio Lower Upper

149 100

167 29.2 23.8 35.6

279 6.6 5.1 7.7





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.487 min Scan# 20

Delta R.T. -0.003 min

Lab File: BN030395.D

Acq: 14 Mar 2024 13:33

Instrument :

BNA_N

ClientSampleId :

SP-201-20240307

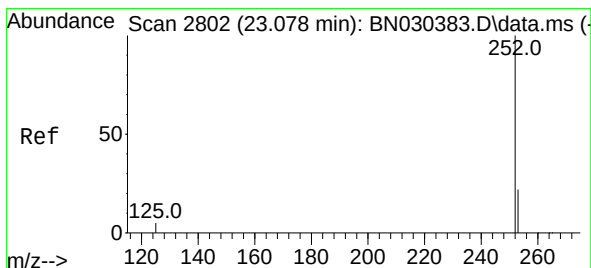
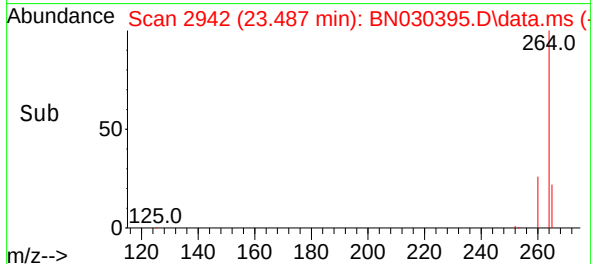
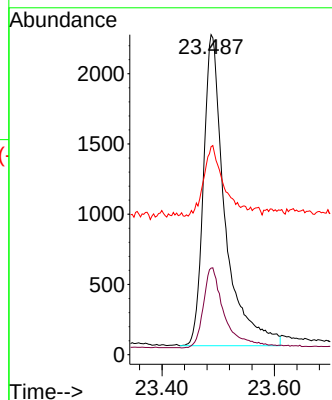
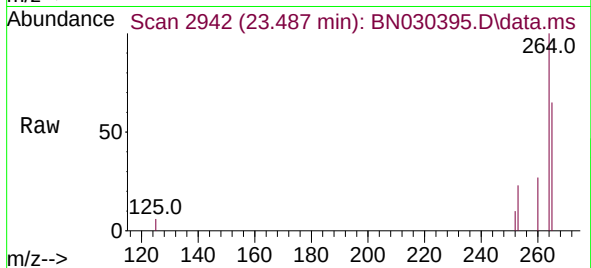
Tgt Ion:264 Resp: 5888

Ion Ratio Lower Upper

264 100

260 27.0 21.8 32.8

265 65.0 50.6 75.8



#37

Benzo(b)fluoranthene

Concen: 0.028 ng

RT: 22.827 min Scan# 2716

Delta R.T. 0.006 min

Lab File: BN030395.D

Acq: 14 Mar 2024 13:33

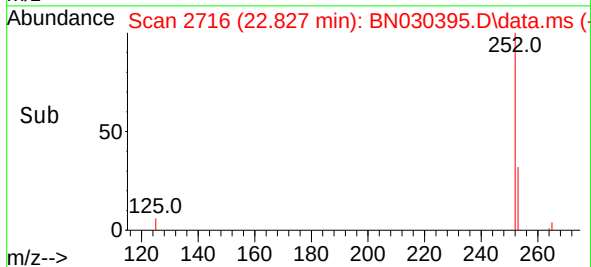
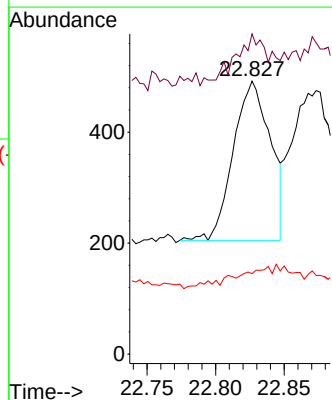
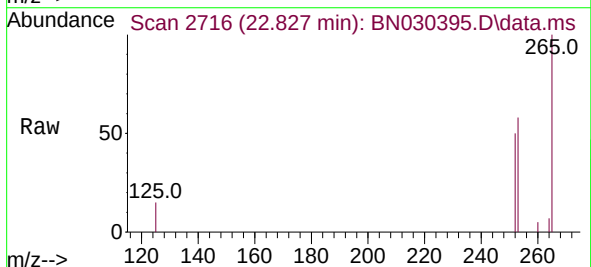
Tgt Ion:252 Resp: 540

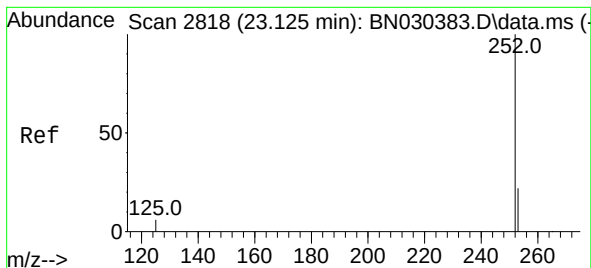
Ion Ratio Lower Upper

252 100

253 117.3 26.7 40.1#

125 29.5 6.8 10.2#





#38

Benzo(k)fluoranthene

Concen: 0.030 ng

RT: 22.873 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN030395.D

Acq: 14 Mar 2024 13:33

Instrument :

BNA_N

ClientSampleId :

SP-201-20240307

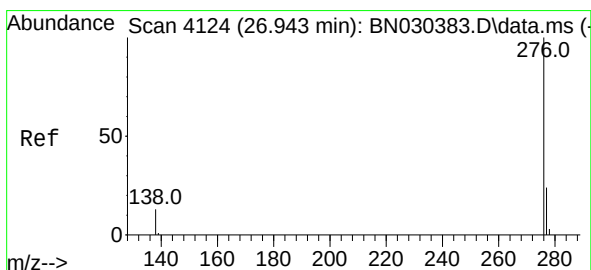
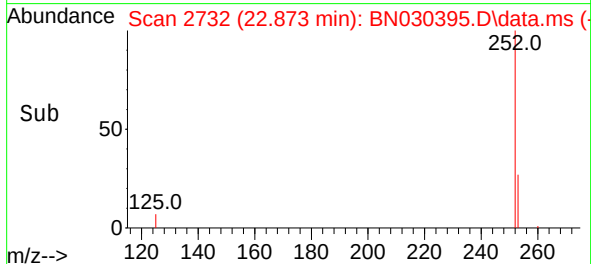
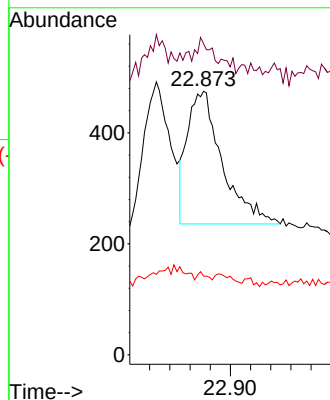
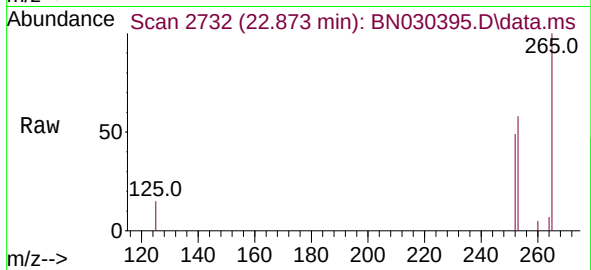
Tgt Ion:252 Resp: 576

Ion Ratio Lower Upper

252 100

253 118.1 26.6 39.8#

125 29.9 7.2 10.8#



#41

Benzo(g,h,i)perylene

Concen: 0.027 ng

RT: 26.420 min Scan# 3945

Delta R.T. 0.006 min

Lab File: BN030395.D

Acq: 14 Mar 2024 13:33

Tgt Ion:276 Resp: 633

Ion Ratio Lower Upper

276 100

277 50.3 20.9 31.3#

138 43.0 13.0 19.4#

