

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051823\
 Data File : BN025476.D
 Acq On : 18 May 2023 15:10
 Operator : CG/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Quant Time: May 18 17:48:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 15:44:09 2023
 Response via : Initial Calibration

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

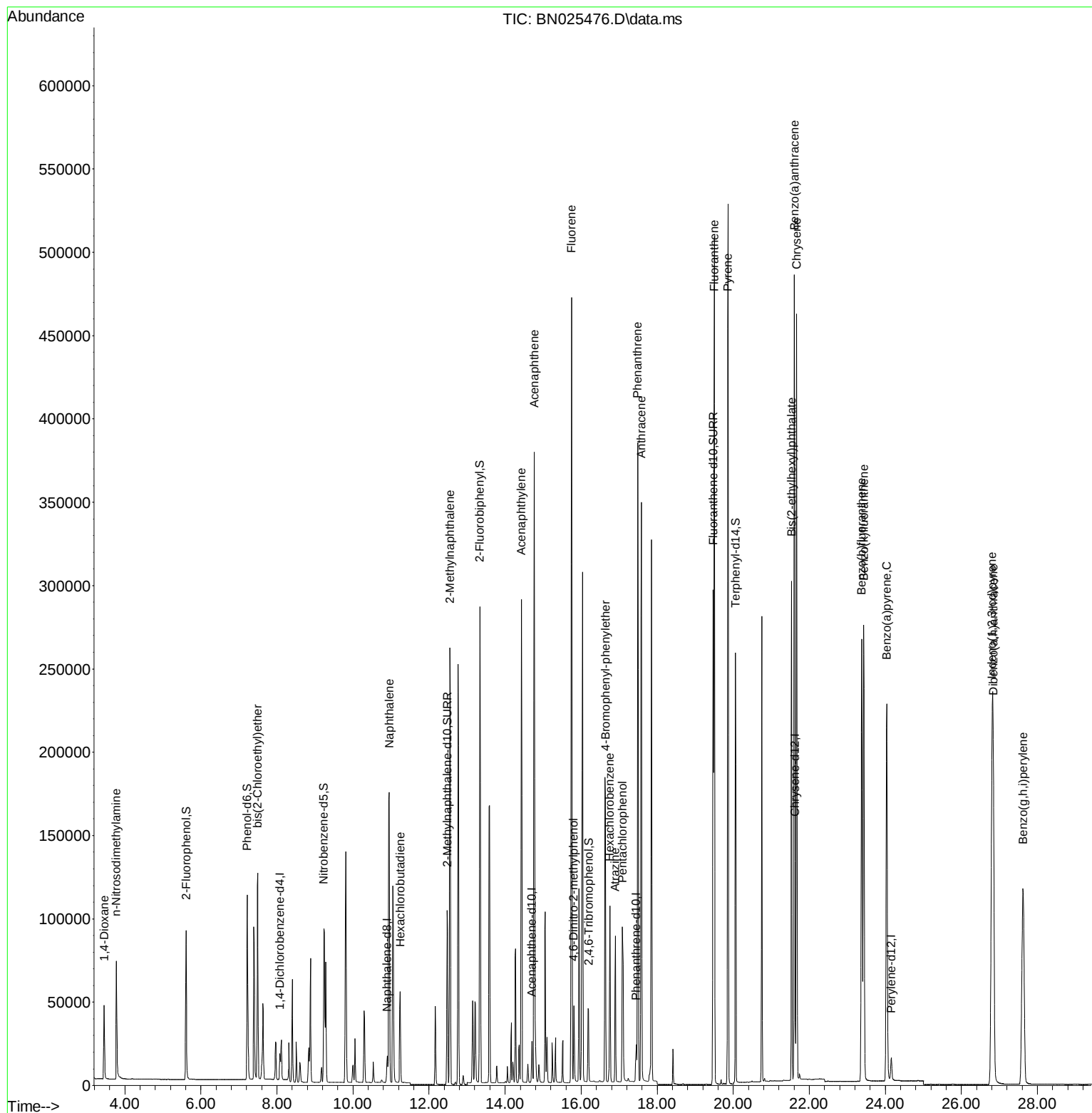
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	7462	0.400	ng	0.00
7) Naphthalene-d8	10.899	136	20635	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	13381	0.400	ng	0.00
19) Phenanthrene-d10	17.447	188	28250	0.400	ng	0.00
29) Chrysene-d12	21.625	240	24382	0.400	ng	# 0.00
35) Perylene-d12	24.156	264	20724	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.614	112	73570	4.368	ng	0.00
5) Phenol-d6	7.218	99	99354	4.595	ng	0.00
8) Nitrobenzene-d5	9.234	82	79407	4.820	ng	0.00
11) 2-Methylnaphthalene-d10	12.476	152	137898	4.806	ng	0.00
14) 2,4,6-Tribromophenol	16.194	330	26558	5.090	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	232214	4.536	ng	0.00
27) Fluoranthene-d10	19.473	212	314084	4.816	ng	0.00
31) Terphenyl-d14	20.058	244	202229	4.666	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.455	88	31509	4.139	ng	98
3) n-Nitrosodimethylamine	3.773	42	40123	4.783	ng	# 98
6) bis(2-Chloroethyl)ether	7.492	93	90787	4.319	ng	98
9) Naphthalene	10.953	128	245034	4.668	ng	99
10) Hexachlorobutadiene	11.241	225	45043	4.519	ng	# 99
12) 2-Methylnaphthalene	12.551	142	181848	4.790	ng	99
16) Acenaphthylene	14.427	152	302794	4.955	ng	100
17) Acenaphthene	14.769	154	194240	4.820	ng	97
18) Fluorene	15.747	166	238701	4.789	ng	95
20) 4,6-Dinitro-2-methylph...	15.809	198	32875	5.597	ng	93
21) 4-Bromophenyl-phenylether	16.641	248	79918	4.806	ng	98
22) Hexachlorobenzene	16.752	284	74451	4.793	ng	99
23) Atrazine	16.901	200	67656	5.000	ng	98
24) Pentachlorophenol	17.087	266	44135	5.633	ng	99
25) Phenanthrene	17.485	178	394318	4.764	ng	100
26) Anthracene	17.584	178	390531	5.042	ng	100
28) Fluoranthene	19.502	202	451651	4.801	ng	100
30) Pyrene	19.861	202	483006	4.965	ng	98
32) Benzo(a)anthracene	21.607	228	424459	4.807	ng	99
33) Chrysene	21.670	228	406489	4.643	ng	99
34) Bis(2-ethylhexyl)phtha...	21.536	149	255670	4.920	ng	99
36) Indeno(1,2,3-cd)pyrene	26.807	276	400107	4.771	ng	100
37) Benzo(b)fluoranthene	23.378	252	384198	4.995	ng	96
38) Benzo(k)fluoranthene	23.431	252	395438	5.051	ng	97
39) Benzo(a)pyrene	24.036	252	365898	5.053	ng	96
40) Dibenzo(a,h)anthracene	26.837	278	319770	4.760	ng	97
41) Benzo(g,h,i)perylene	27.620	276	329533	4.652	ng	99

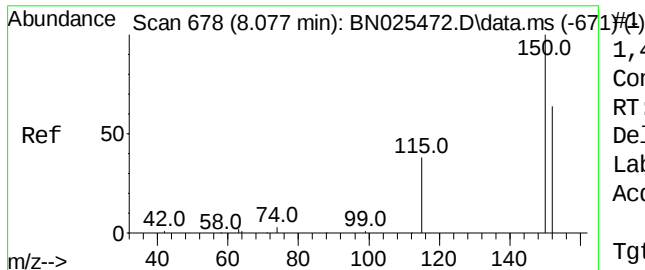
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051823\
Data File : BN025476.D
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 15:44:09 2023
Response via : Initial Calibration





1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.077 min Scan#

Delta R.T. 0.000 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

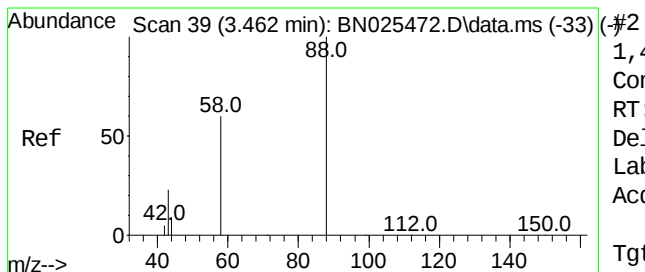
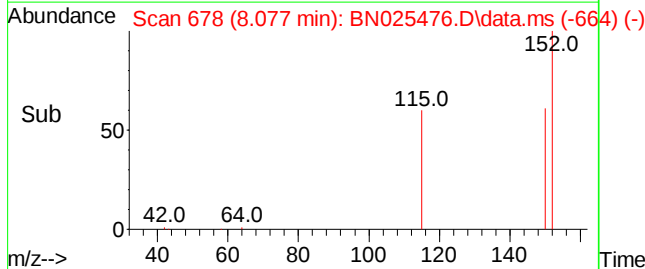
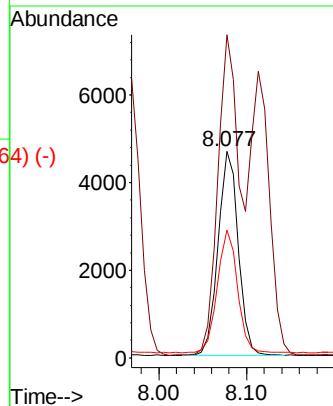
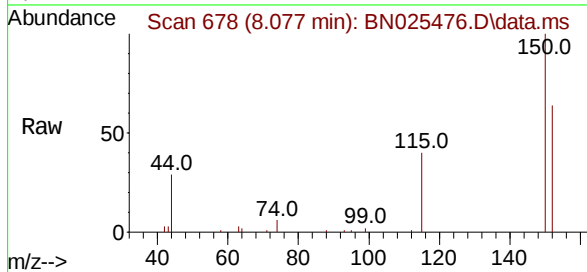
Tgt Ion:152 Resp: 7462

Ion Ratio Lower Upper

152 100

150 156.3 125.3 187.9

115 62.0 50.2 75.2



1,4-Dioxane

Concen: 4.139 ng

RT: 3.455 min Scan# 38

Delta R.T. -0.007 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

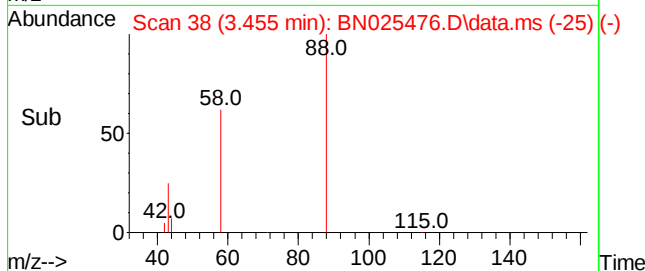
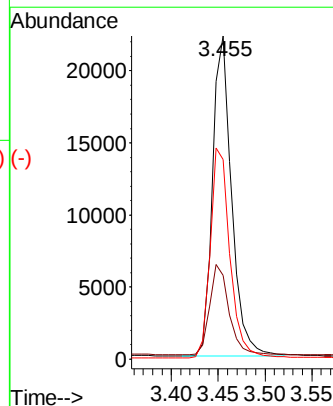
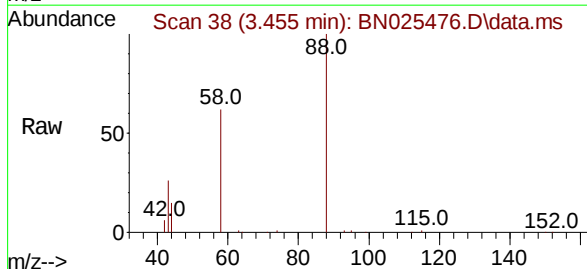
Tgt Ion: 88 Resp: 31509

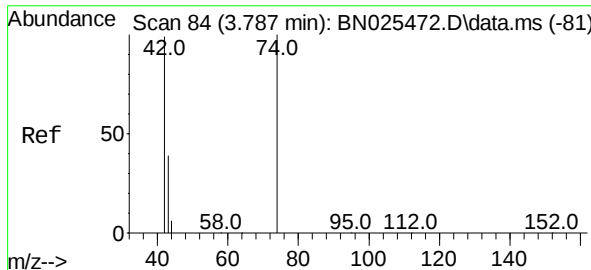
Ion Ratio Lower Upper

88 100

43 28.2 23.8 35.6

58 67.6 55.1 82.7

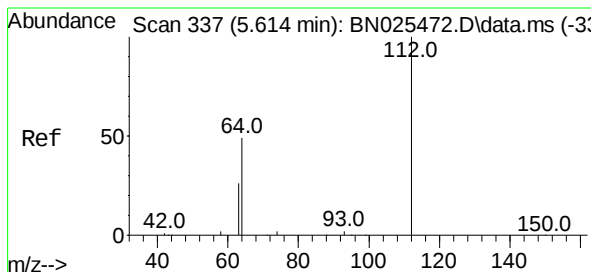
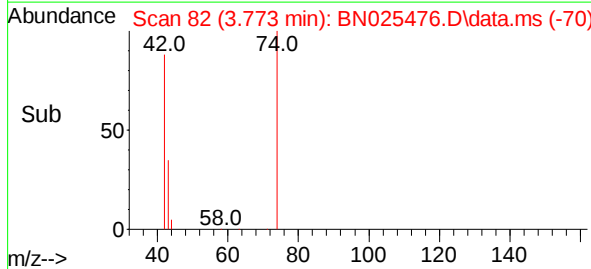
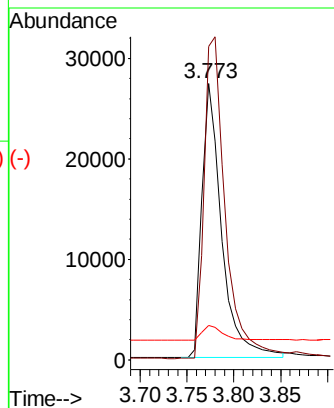
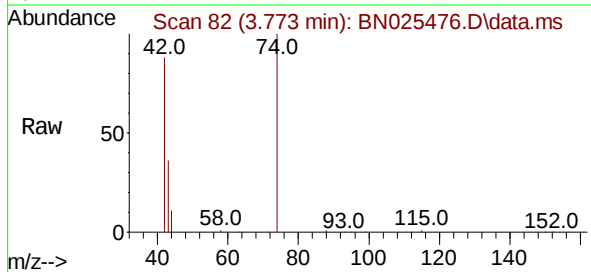




n-Nitrosodimethylamine
 Concen: 4.783 ng
 RT: 3.773 min Scan# 81
 Delta R.T. -0.014 min
 Lab File: BN025476.D
 Acq: 18 May 2023 15:10

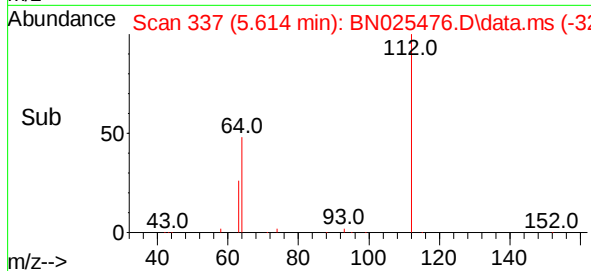
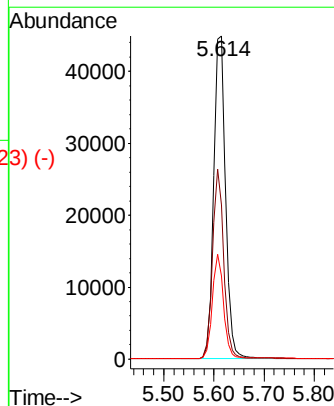
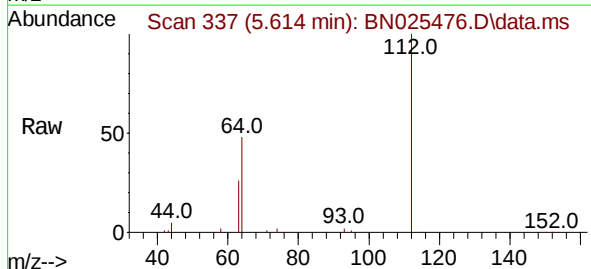
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

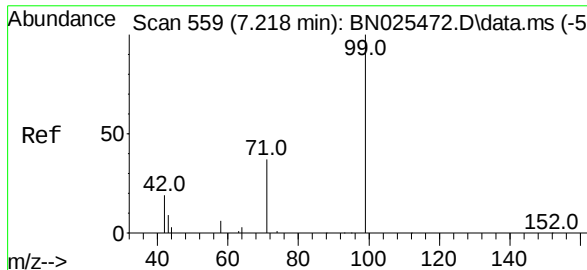
Tgt Ion: 42 Resp: 40123
 Ion Ratio Lower Upper
 42 100
 74 126.7 100.2 150.4
 44 5.7 8.6 12.8#



2-Fluorophenol
 Concen: 4.368 ng
 RT: 5.614 min Scan# 337
 Delta R.T. 0.000 min
 Lab File: BN025476.D
 Acq: 18 May 2023 15:10

Tgt Ion: 112 Resp: 73570
 Ion Ratio Lower Upper
 112 100
 64 55.4 44.0 66.0
 63 30.6 24.0 36.0





Phenol-d6

Concen: 4.595 ng

RT: 7.218 min Scan# 559

Delta R.T. 0.000 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

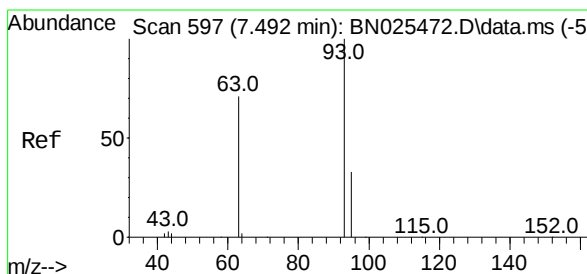
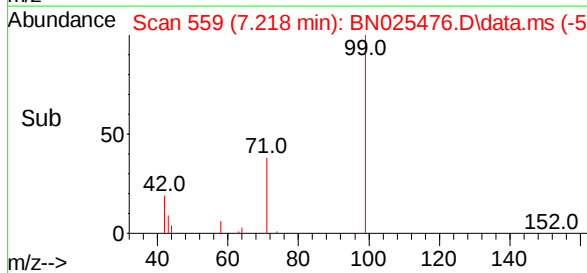
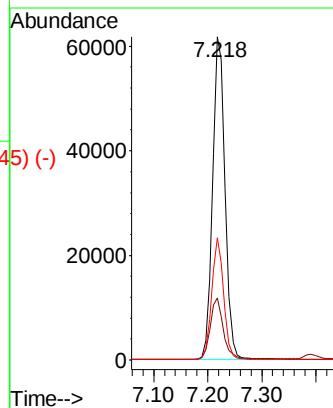
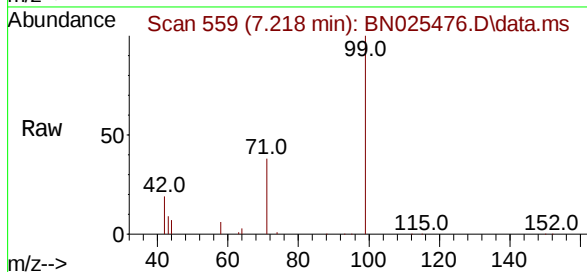
Tgt Ion: 99 Resp: 99354

Ion Ratio Lower Upper

99 100

42 19.9 15.8 23.8

71 36.2 28.6 43.0



bis(2-Chloroethyl)ether

Concen: 4.319 ng

RT: 7.492 min Scan# 597

Delta R.T. -0.000 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

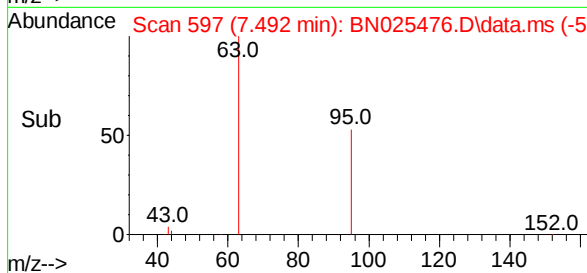
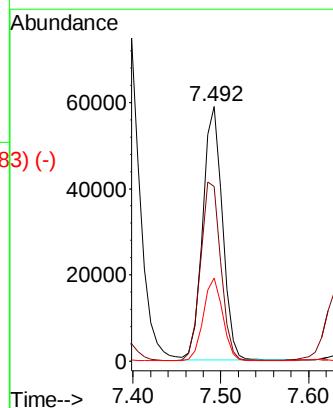
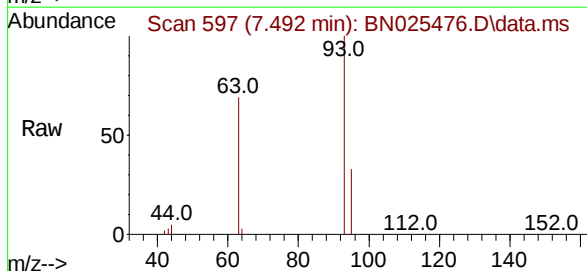
Tgt Ion: 93 Resp: 90787

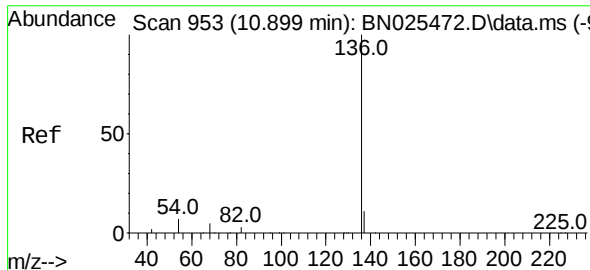
Ion Ratio Lower Upper

93 100

63 72.0 55.8 83.6

95 32.2 25.7 38.5





Naphthalene-d8

Concen: 0.400 ng

RT: 10.899 min Scan# 953

Delta R.T. 0.000 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tgt Ion:136 Resp: 20635

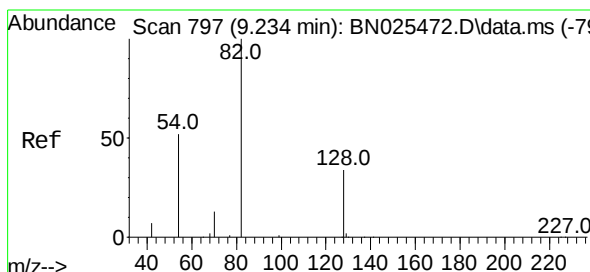
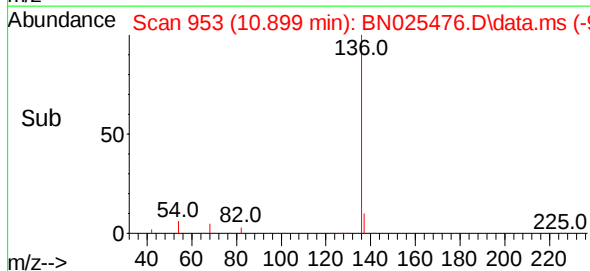
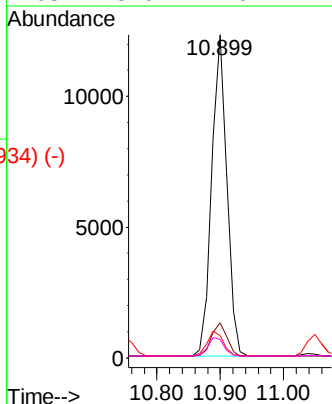
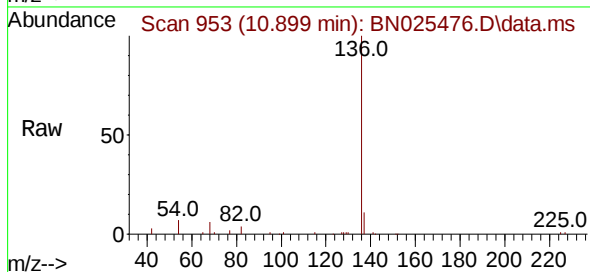
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.0 5.8 8.6

68 5.6 4.6 7.0



Nitrobenzene-d5

Concen: 4.820 ng

RT: 9.234 min Scan# 797

Delta R.T. 0.000 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

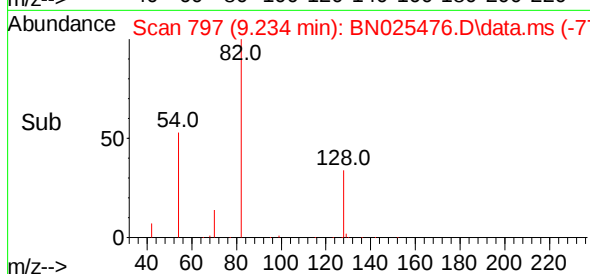
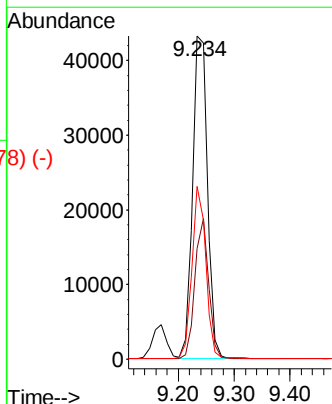
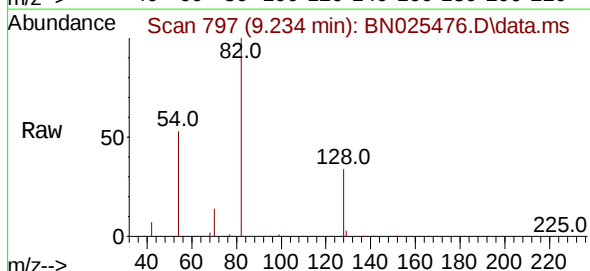
Tgt Ion: 82 Resp: 79407

Ion Ratio Lower Upper

82 100

128 34.3 27.9 41.9

54 53.4 42.4 63.6



Abundance Scan 958 (10.953 min): BN025472.D\data.ms (-952) (-)

Naphthalene

Concen: 4.668 ng

RT: 10.953 min Scan# 958

Delta R.T. 0.000 min

Lab File: BN025476.D

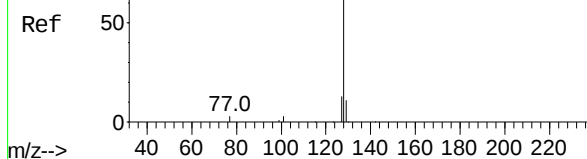
Acq: 18 May 2023 15:10

Instrument :

BN025476.D

ClientSampleId :

SSTDICC5.0



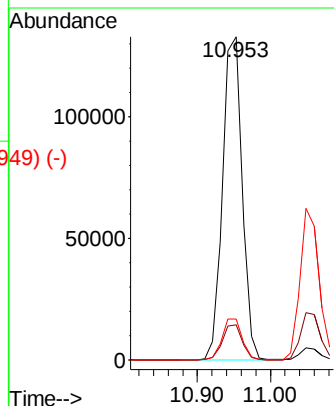
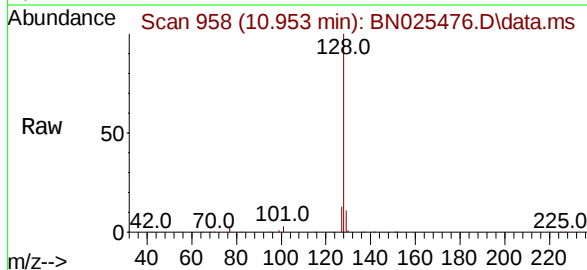
Tgt Ion:128 Resp: 245034

Ion Ratio Lower Upper

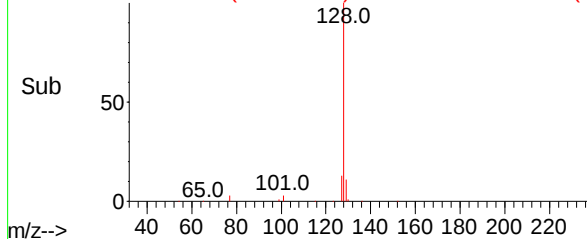
128 100

129 10.8 8.9 13.3

127 12.7 10.4 15.6



Abundance Scan 958 (10.953 min): BN025476.D\data.ms (-949) (-)



Abundance Scan 985 (11.241 min): BN025472.D\data.ms (-979) (-)

Hexachlorobutadiene

Concen: 4.519 ng

RT: 11.241 min Scan# 985

Delta R.T. 0.000 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

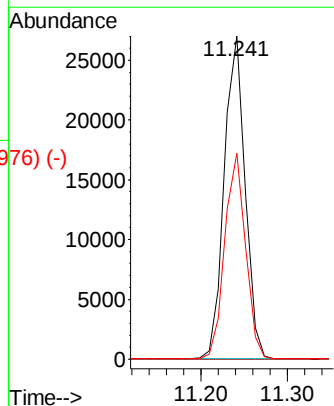
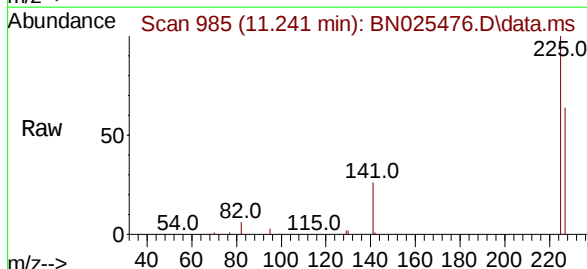
Tgt Ion:225 Resp: 45043

Ion Ratio Lower Upper

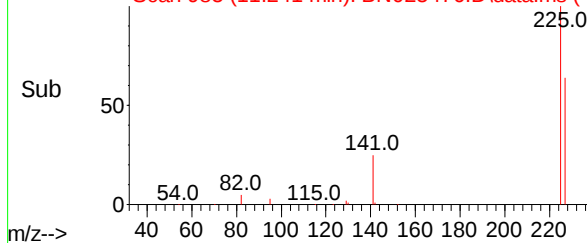
225 100

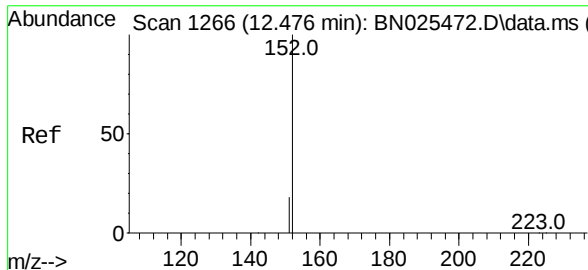
223 0.0 0.0 0.0

227 63.4 51.4 77.2



Abundance Scan 985 (11.241 min): BN025476.D\data.ms (-976) (-)

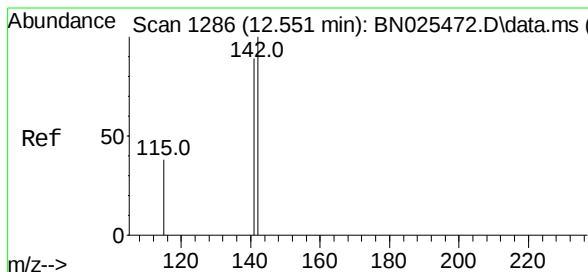
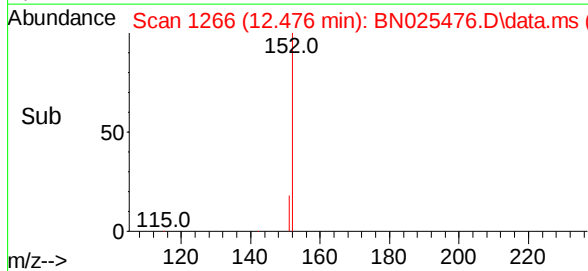
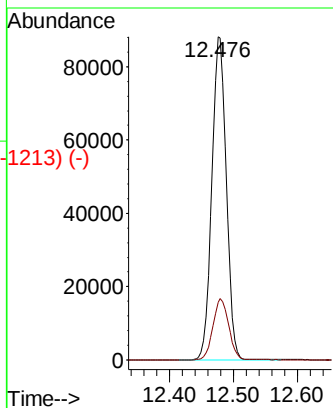
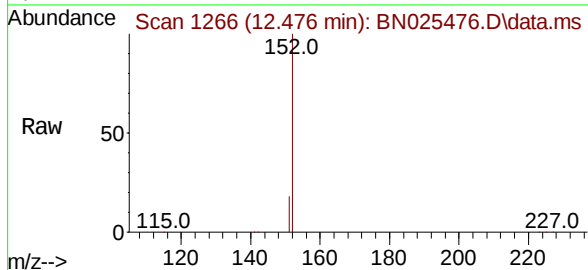




2-Methylnaphthalene-d10
 Concen: 4.806 ng
 RT: 12.476 min Scan# 1266
 Delta R.T. 0.000 min
 Lab File: BN025476.D
 Acq: 18 May 2023 15:10

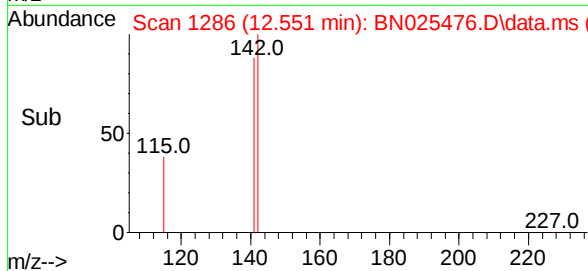
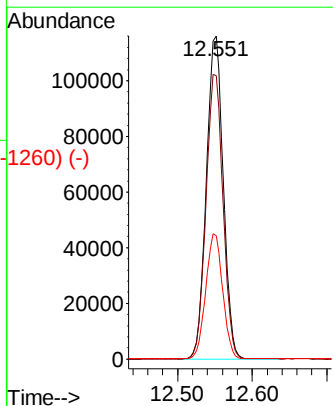
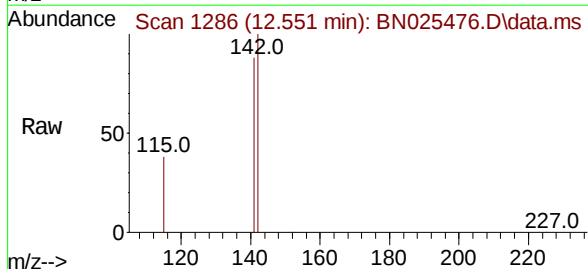
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tgt Ion:152 Resp: 137898
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.6 24.8



2-Methylnaphthalene
 Concen: 4.790 ng
 RT: 12.551 min Scan# 1286
 Delta R.T. -0.000 min
 Lab File: BN025476.D
 Acq: 18 May 2023 15:10

Tgt Ion:142 Resp: 181848
 Ion Ratio Lower Upper
 142 100
 141 87.8 71.1 106.7
 115 38.3 31.3 46.9



Abundance Scan 1565 (14.705 min): BN025472.D\data.ms (-1539) (-)

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.705 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BN025476.D

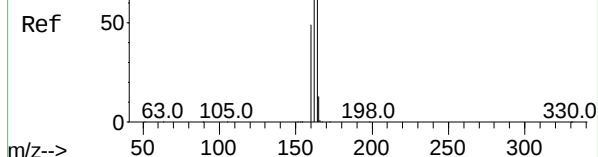
Acq: 18 May 2023 15:10

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0



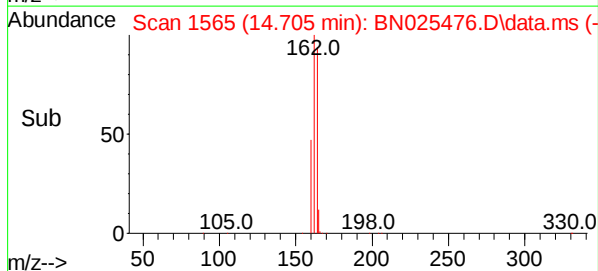
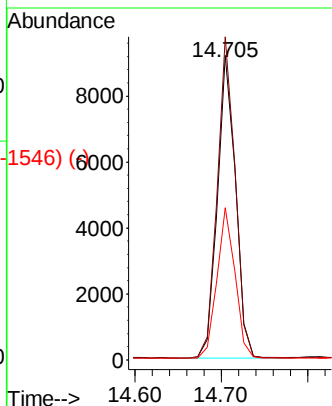
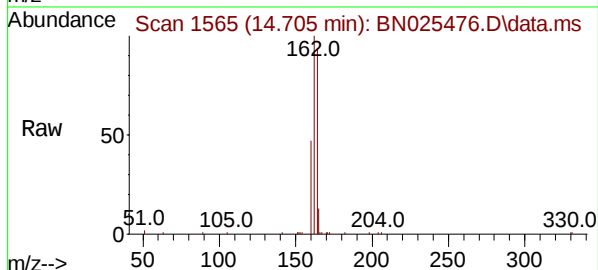
Tgt Ion:164 Resp: 13381

Ion Ratio Lower Upper

164 100

162 106.0 84.2 126.2

160 50.0 41.4 62.2



Abundance Scan 1698 (16.194 min): BN025472.D\data.ms (-1614) (-)

2,4,6-Tribromophenol

Concen: 5.090 ng

RT: 16.194 min Scan# 1698

Delta R.T. 0.000 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

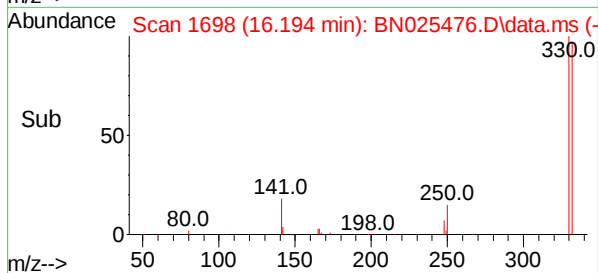
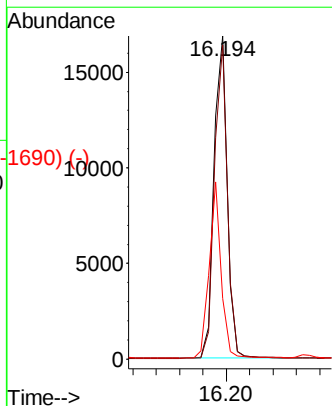
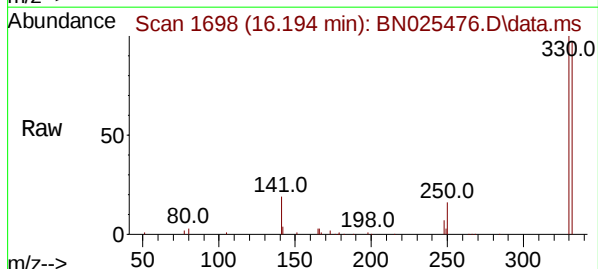
Tgt Ion:330 Resp: 26558

Ion Ratio Lower Upper

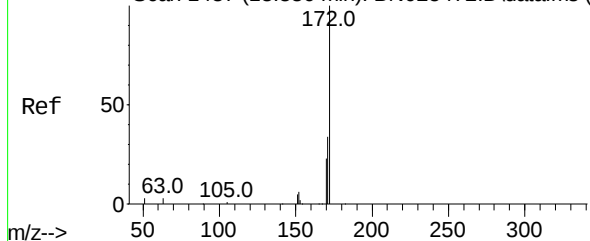
330 100

332 95.3 76.1 114.1

141 49.3 36.1 54.1



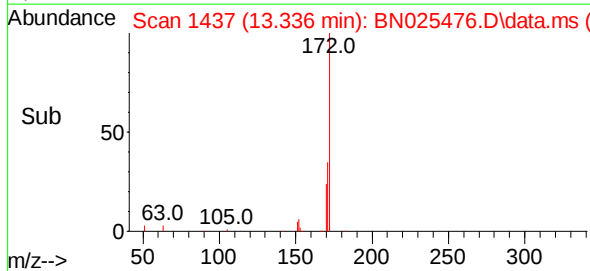
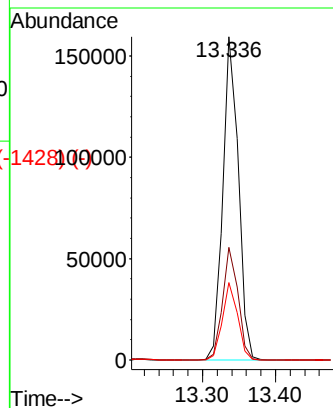
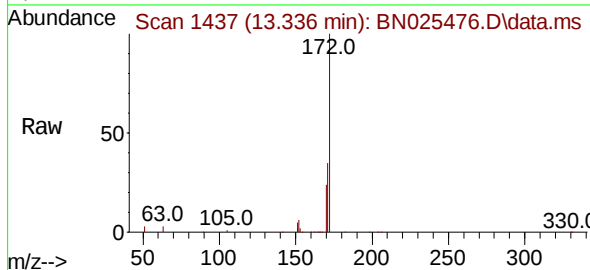
Abundance Scan 1437 (13.336 min): BN025472.D\data.ms (-1436) (-)



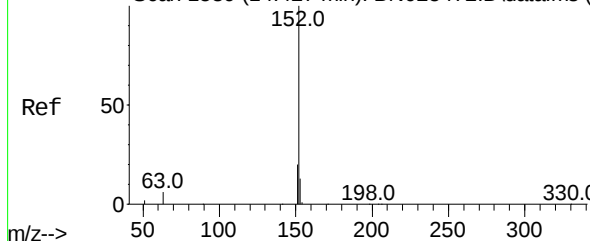
2-Fluorobiphenyl
Concen: 4.536 ng
RT: 13.336 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BN025476.D
Acq: 18 May 2023 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:	172	Resp:	232214
Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.6	41.4
170	23.9	18.9	28.3

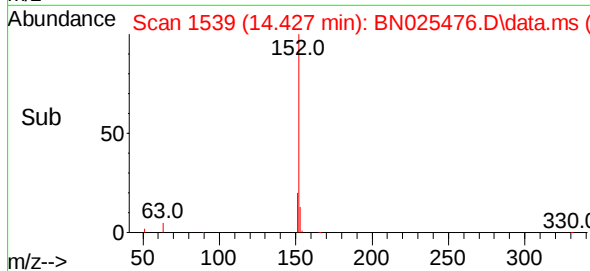
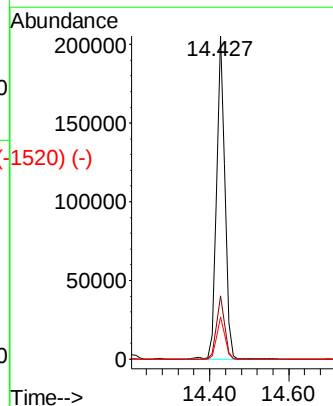
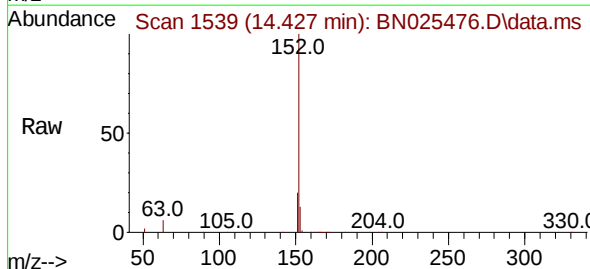


Abundance Scan 1539 (14.427 min): BN025472.D\data.ms (-1536) (-)

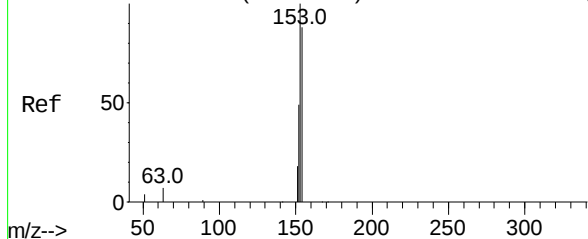


Acenaphthylene
Concen: 4.955 ng
RT: 14.427 min Scan# 1539
Delta R.T. 0.000 min
Lab File: BN025476.D
Acq: 18 May 2023 15:10

Tgt Ion:	152	Resp:	302794
Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	12.9	10.3	15.5



Abundance Scan 1571 (14.769 min): BN025472.D\data.ms (-1517) (-)



Acenaphthene

Concen: 4.820 ng

RT: 14.769 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

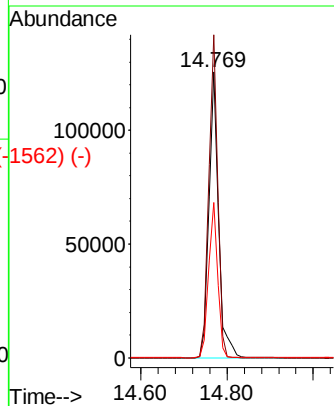
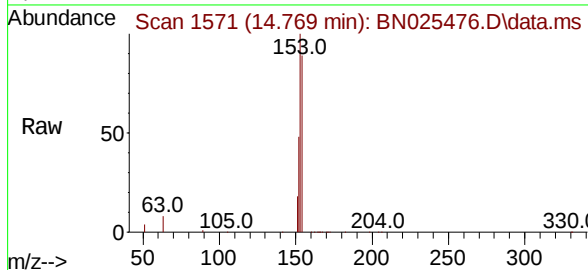
Tgt Ion:154 Resp: 194240

Ion Ratio Lower Upper

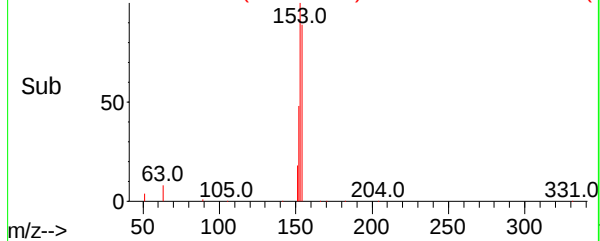
154 100

153 105.8 86.9 130.3

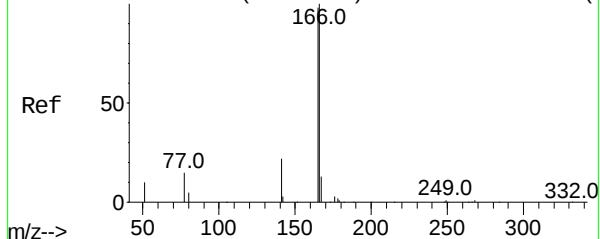
152 51.7 43.9 65.9



Abundance Scan 1571 (14.769 min): BN025476.D\data.ms (-1562) (-)



Abundance Scan 1662 (15.747 min): BN025472.D\data.ms (-1648) (-)



Fluorene

Concen: 4.789 ng

RT: 15.747 min Scan# 1662

Delta R.T. 0.000 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

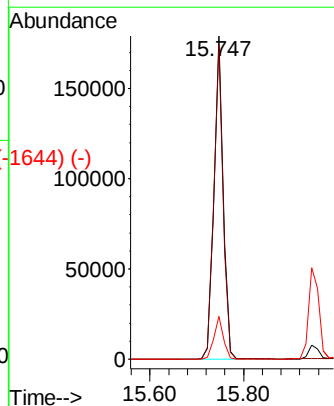
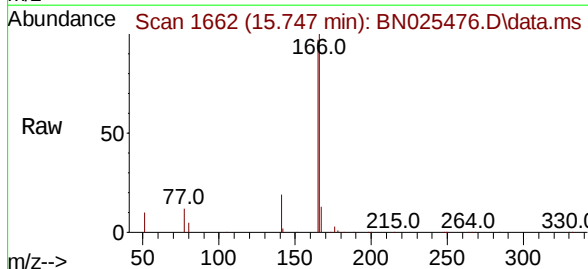
Tgt Ion:166 Resp: 238701

Ion Ratio Lower Upper

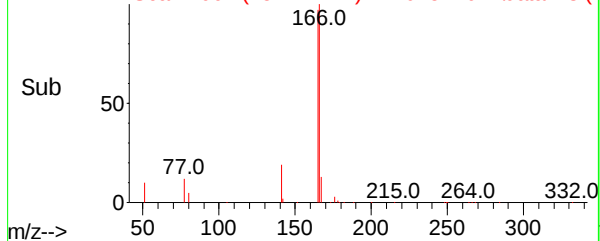
166 100

165 94.8 79.9 119.9

167 13.2 11.2 16.8



Abundance Scan 1662 (15.747 min): BN025476.D\data.ms (-1644) (-)



Abundance Scan 1799 (17.447 min): BN025472.D\data.ms (-1734) (-)

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.447 min Scan# 1799

Delta R.T. 0.000 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tgt Ion:188 Resp: 28250

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.6 8.2 12.4

Abundance Scan 1799 (17.447 min): BN025476.D\data.ms

Ref

80.0 141.0 188.0 266.0

m/z-->

Abundance Scan 1799 (17.447 min): BN025476.D\data.ms

Raw

80.0 142.0 188.0 249.0 330.0

m/z-->

Abundance Scan 1799 (17.447 min): BN025476.D\data.ms (-1783) (-)

Sub

80.0 142.0 188.0 250.0

m/z-->

Abundance

17.447

15000

10000

5000

0

Time-->

17.30 17.40 17.50

Abundance Scan 1667 (15.809 min): BN025472.D\data.ms (-1629) (-)

4,6-Dinitro-2-methylphenol

Concen: 5.597 ng

RT: 15.809 min Scan# 1667

Delta R.T. 0.000 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

Tgt Ion:198 Resp: 32875

Ion Ratio Lower Upper

198 100

51 45.7 42.2 63.2

105 48.2 41.0 61.6

Abundance Scan 1667 (15.809 min): BN025476.D\data.ms

Ref

51.0 105.0 151.0 198.0 248.0 284.0 330.0

m/z-->

Abundance Scan 1667 (15.809 min): BN025476.D\data.ms

Raw

51.0 105.0 151.0 198.0 248.0 284.0 330.0

m/z-->

Abundance Scan 1667 (15.809 min): BN025476.D\data.ms (-1659) (-)

Sub

51.0 105.0 151.0 198.0 250.0 330.0

m/z-->

Abundance

15.809

50000

40000

30000

20000

10000

0

Time-->

15.80

Abundance Scan 1734 (16.641 min): BN025472.D\data.ms (-1729) (-)

4-Bromophenyl-phenylether

Concen: 4.806 ng

RT: 16.641 min Scan# 1734

Delta R.T. -0.000 min

Lab File: BN025476.D

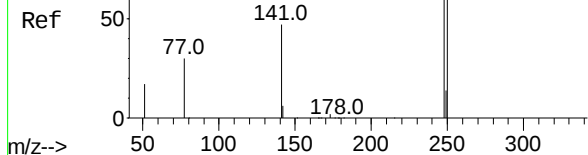
Acq: 18 May 2023 15:10

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0



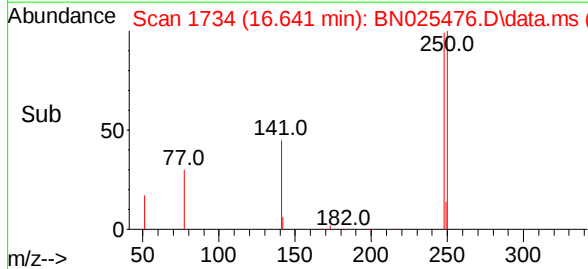
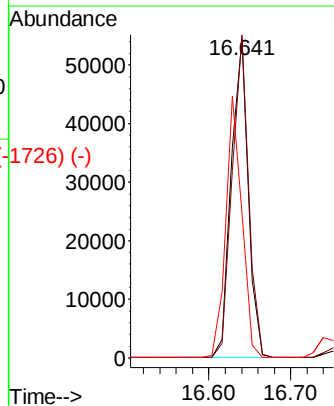
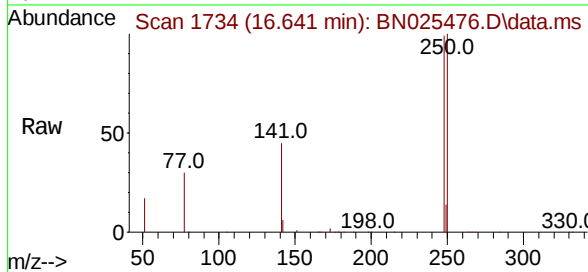
Tgt Ion:248 Resp: 79918

Ion Ratio Lower Upper

248 100

250 101.1 79.8 119.8

141 45.4 38.7 58.1



Abundance Scan 1743 (16.752 min): BN025472.D\data.ms (-1729) (-)

Hexachlorobenzene

Concen: 4.793 ng

RT: 16.752 min Scan# 1743

Delta R.T. 0.000 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

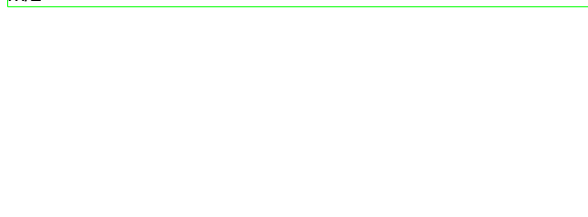
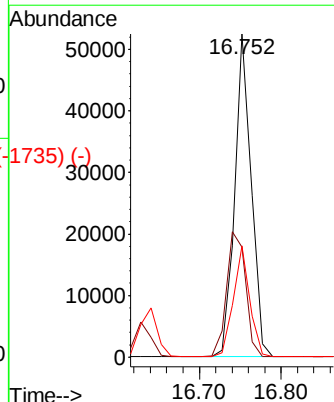
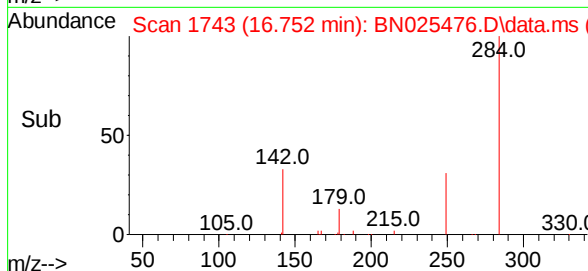
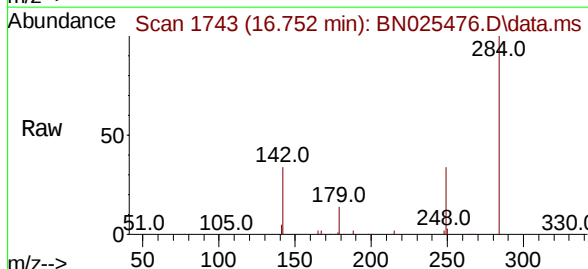
Tgt Ion:284 Resp: 74451

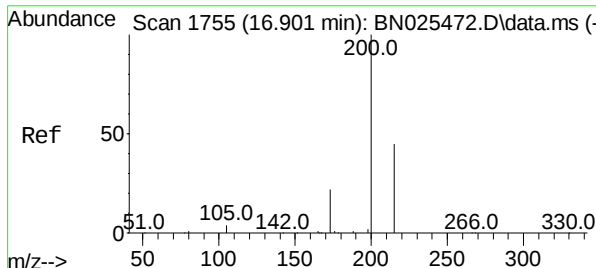
Ion Ratio Lower Upper

284 100

142 44.9 36.0 54.0

249 34.0 27.8 41.6

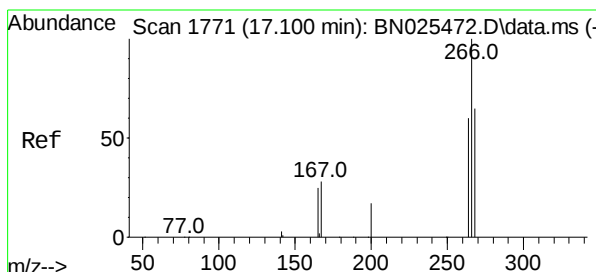
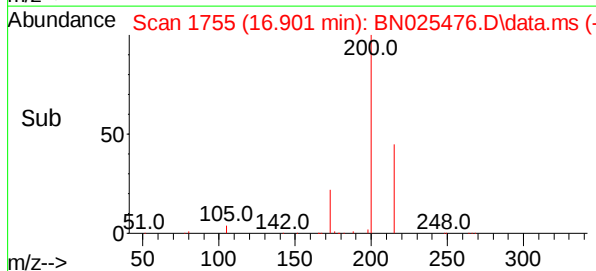
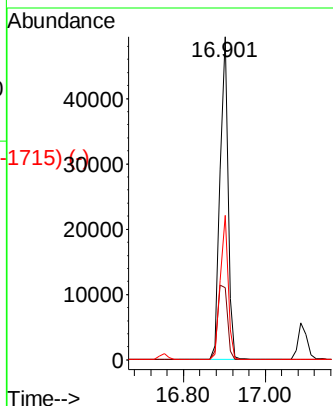
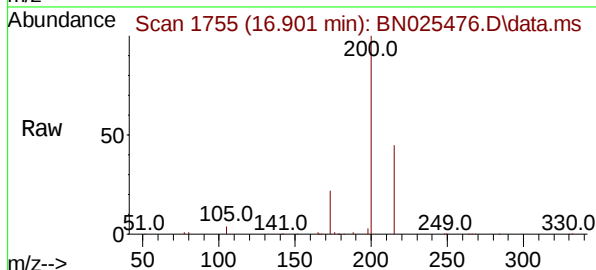




Scan 1755 (16.901 min): BN025472.D\data.ms (-1723)
 Atrazine
 Concen: 5.000 ng
 RT: 16.901 min Scan# 1723
 Delta R.T. 0.000 min
 Lab File: BN025476.D
 Acq: 18 May 2023 15:10

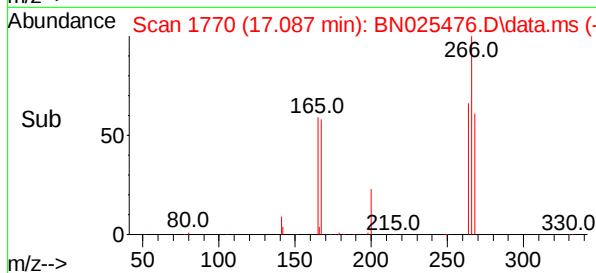
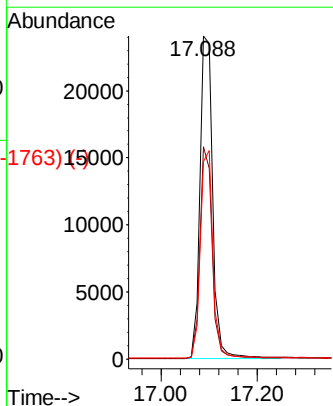
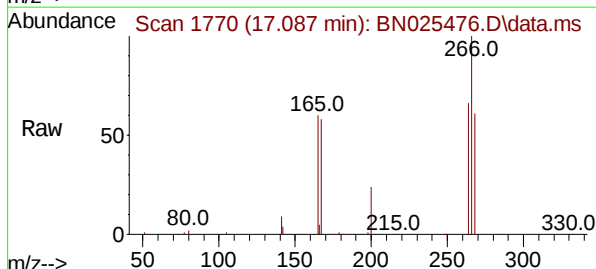
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tgt Ion:	200	Resp:	67656
Ion Ratio	Lower	Upper	
200	100		
173	22.4	18.6	27.8
215	44.6	36.9	55.3



Scan 1771 (17.100 min): BN025472.D\data.ms (-1724)
 Pentachlorophenol
 Concen: 5.633 ng
 RT: 17.087 min Scan# 1770
 Delta R.T. -0.013 min
 Lab File: BN025476.D
 Acq: 18 May 2023 15:10

Tgt Ion:	266	Resp:	44135
Ion Ratio	Lower	Upper	
266	100		
264	63.2	49.8	74.8
268	63.5	51.0	76.6



Abundance Scan 1802 (17.485 min): BN025472.D\data.ms (-1725) (-)

Phenanthrene

Concen: 4.764 ng

RT: 17.485 min Scan# 1802

Delta R.T. 0.000 min

Lab File: BN025476.D

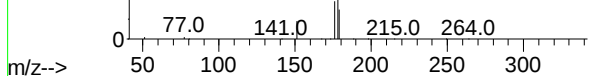
Acq: 18 May 2023 15:10

Instrument :

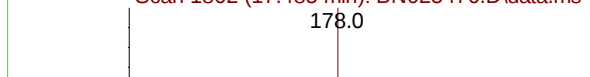
BNA_N

ClientSampleId :

SSTDICC5.0



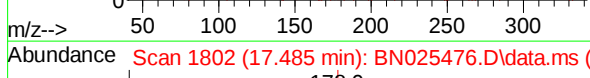
Abundance Scan 1802 (17.485 min): BN025476.D\data.ms



Sub



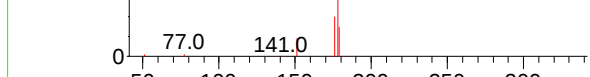
Abundance Scan 1802 (17.485 min): BN025476.D\data.ms (-1778) (-)



Raw



Sub



Abundance Scan 1810 (17.584 min): BN025472.D\data.ms (-1826) (-)

Anthracene

Concen: 5.042 ng

RT: 17.584 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

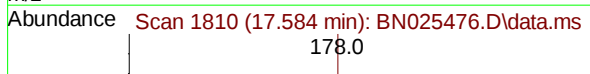
Tgt Ion:178 Resp: 390531

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

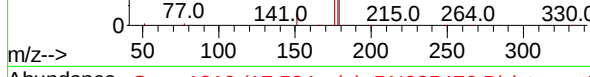
179 15.2 12.1 18.1



Abundance Scan 1810 (17.584 min): BN025476.D\data.ms



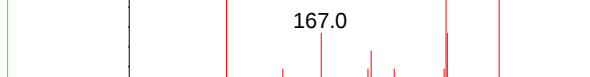
Sub



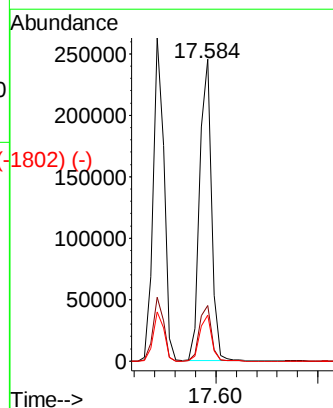
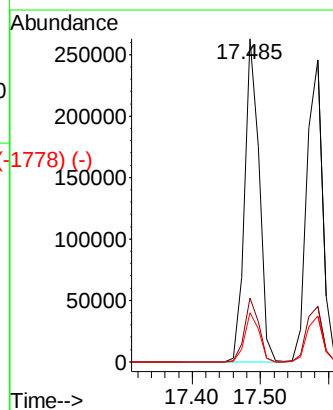
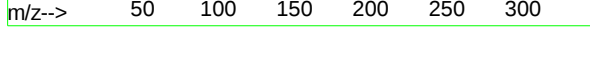
Abundance Scan 1810 (17.584 min): BN025476.D\data.ms (-1802) (-)



Raw



Sub



Abundance Scan 2192 (19.473 min): BN025472.D\data.ms (-2168159) (-)

Fluoranthene-d10

Concen: 4.816 ng

RT: 19.473 min Scan# 2192

Delta R.T. 0.000 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tgt Ion:212 Resp: 314084

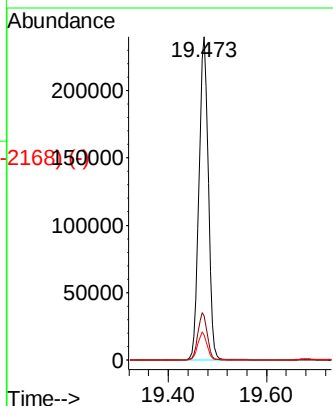
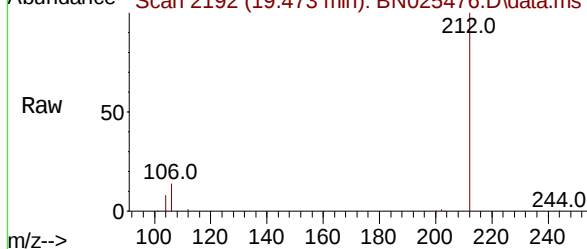
Ion Ratio Lower Upper

212 100

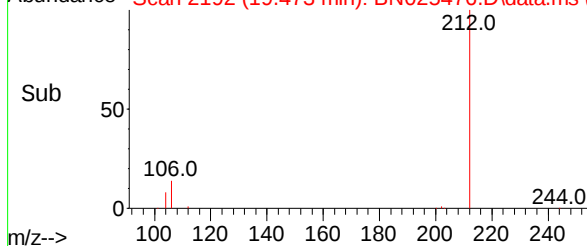
106 14.6 11.4 17.2

104 8.4 6.6 10.0

Abundance Scan 2192 (19.473 min): BN025476.D\data.ms



Abundance Scan 2192 (19.473 min): BN025476.D\data.ms (-2168159)



Abundance Scan 2199 (19.502 min): BN025472.D\data.ms (-2168159) (-)

Fluoranthene

Concen: 4.801 ng

RT: 19.502 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

Tgt Ion:202 Resp: 451651

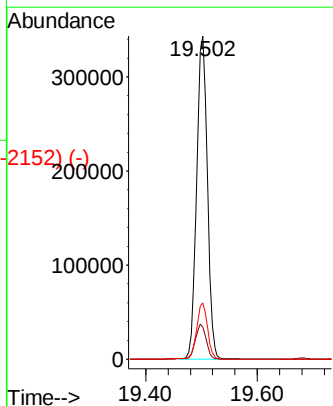
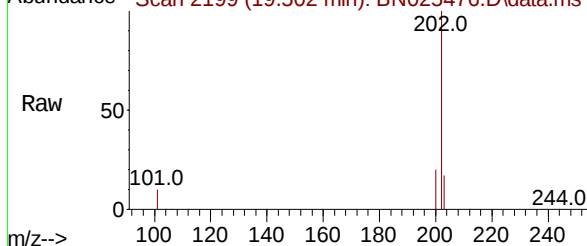
Ion Ratio Lower Upper

202 100

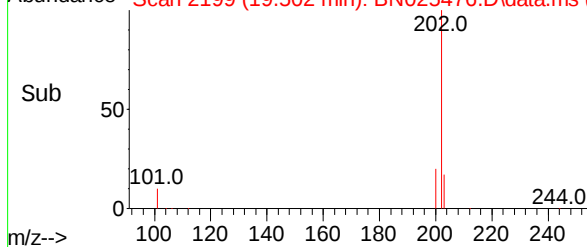
101 10.9 8.7 13.1

203 17.3 13.8 20.6

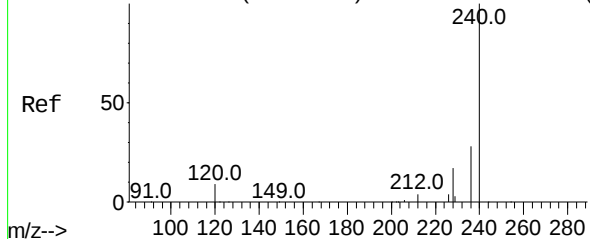
Abundance Scan 2199 (19.502 min): BN025476.D\data.ms



Abundance Scan 2199 (19.502 min): BN025476.D\data.ms (-2152) (-)



Abundance Scan 2500 (21.634 min): BN025472.D\data.ms (-2478) (-)



Chrysene-d12

Concen: 0.400 ng

RT: 21.625 min Scan# 2499

Delta R.T. -0.009 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

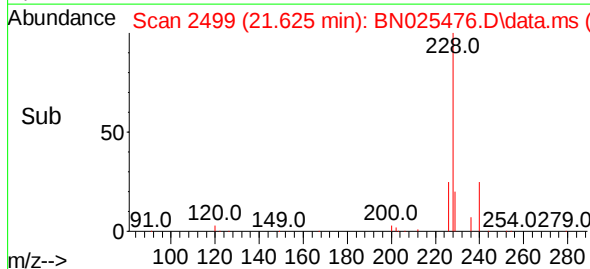
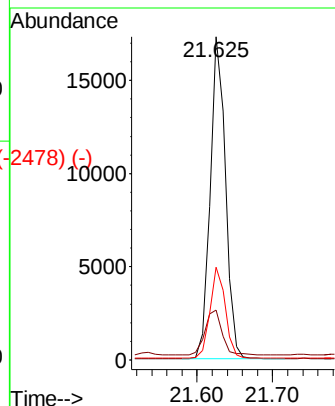
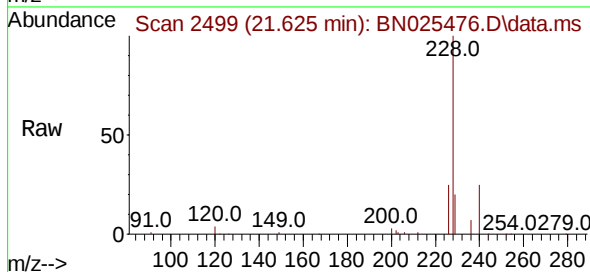
Tgt Ion:240 Resp: 24382

Ion Ratio Lower Upper

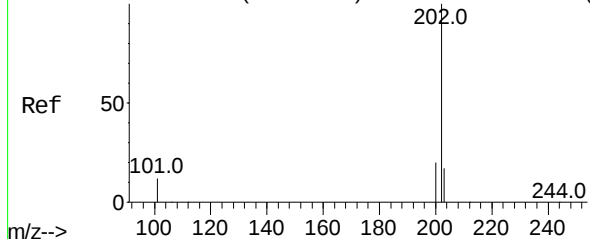
240 100

120 15.3 8.6 12.8#

236 28.7 22.7 34.1



Abundance Scan 2285 (19.865 min): BN025472.D\data.ms (-2238) (-)



Pyrene

Concen: 4.965 ng

RT: 19.861 min Scan# 2284

Delta R.T. -0.004 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

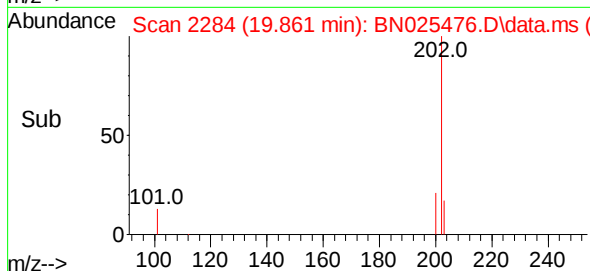
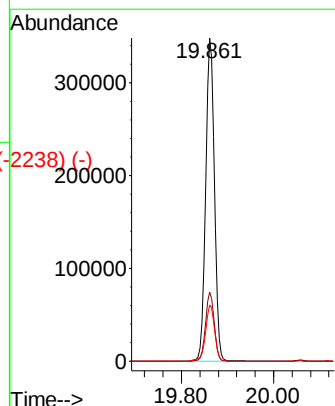
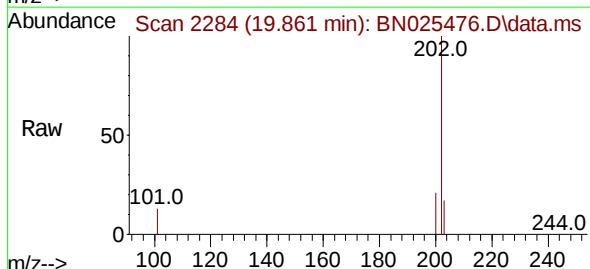
Tgt Ion:202 Resp: 483006

Ion Ratio Lower Upper

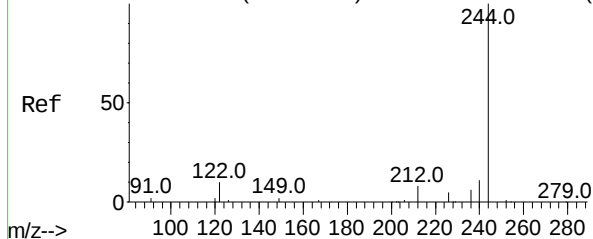
202 100

200 20.3 16.8 25.2

203 17.0 14.2 21.4



Abundance Scan 2325 (20.067 min): BN025472.D\data.ms (-2325) (-)



Terphenyl-d14

Concen: 4.666 ng

RT: 20.058 min Scan# 2324

Delta R.T. -0.009 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

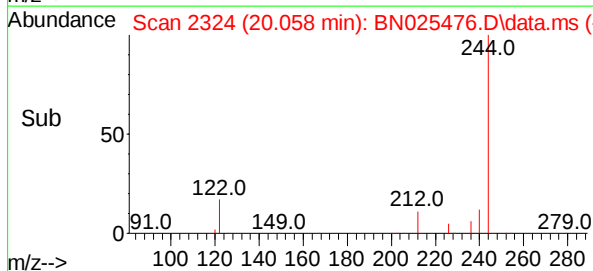
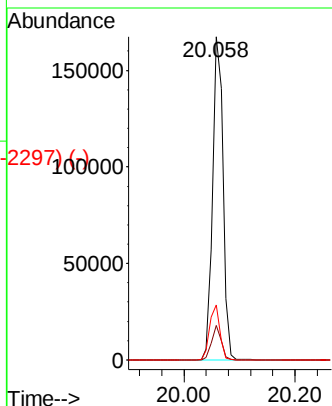
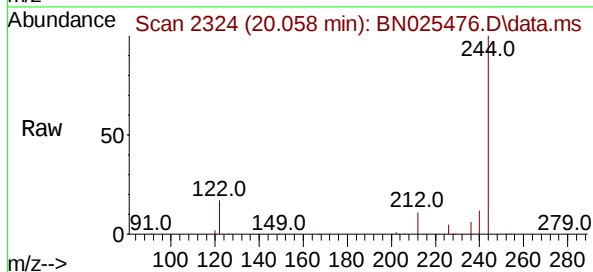
Tgt Ion:244 Resp: 202229

Ion Ratio Lower Upper

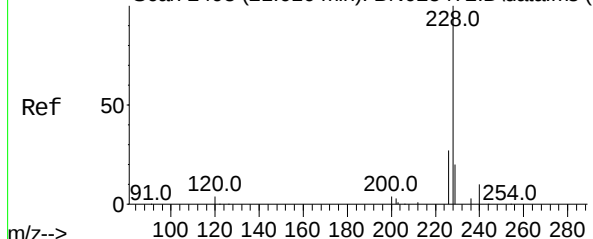
244 100

212 10.7 6.6 10.0#

122 17.0 8.1 12.1#



Abundance Scan 2498 (21.616 min): BN025472.D\data.ms (-2498) (-)



Benzo(a)anthracene

Concen: 4.807 ng

RT: 21.607 min Scan# 2497

Delta R.T. -0.009 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

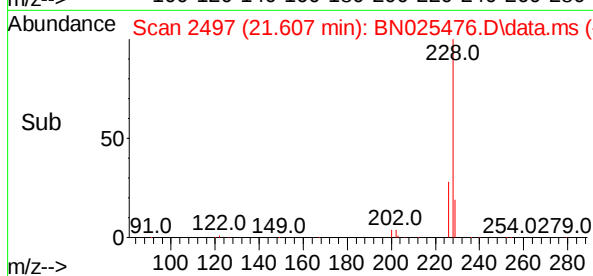
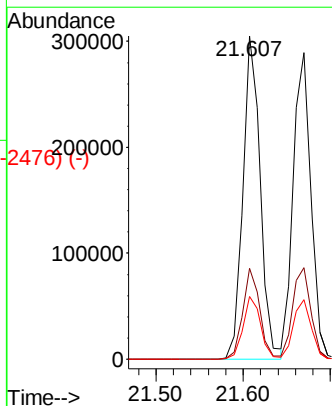
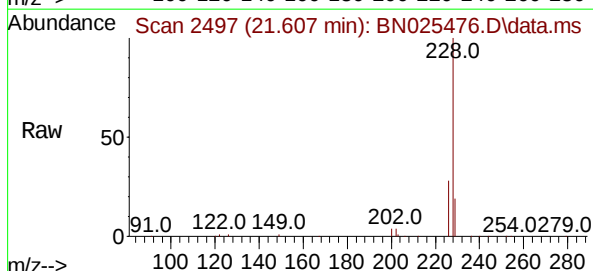
Tgt Ion:228 Resp: 424459

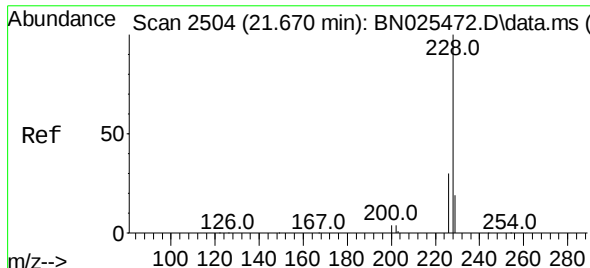
Ion Ratio Lower Upper

228 100

226 28.1 22.1 33.1

229 19.3 15.8 23.8

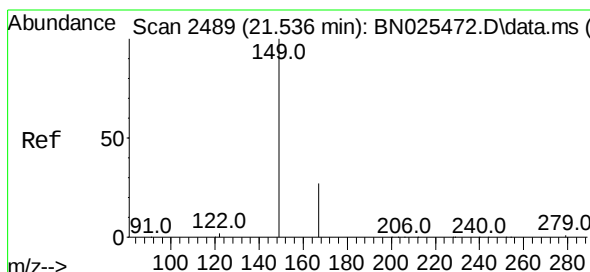
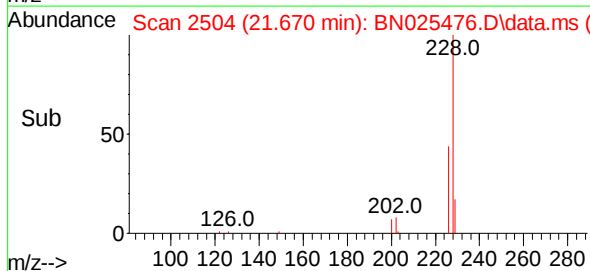
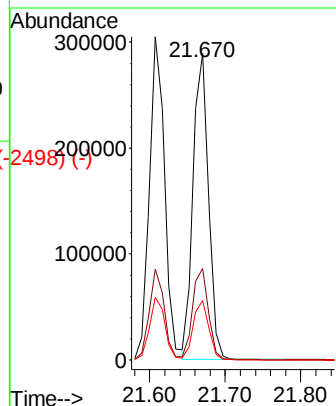
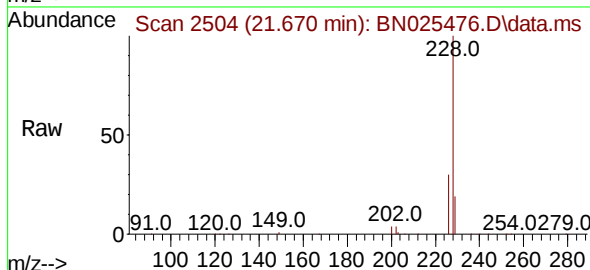




Scan 2504 (21.670 min): BN025472.D\data.ms (-2504)
 Chrysene
 Concen: 4.643 ng
 RT: 21.670 min Scan# 2504
 Delta R.T. -0.000 min
 Lab File: BN025476.D
 Acq: 18 May 2023 15:10

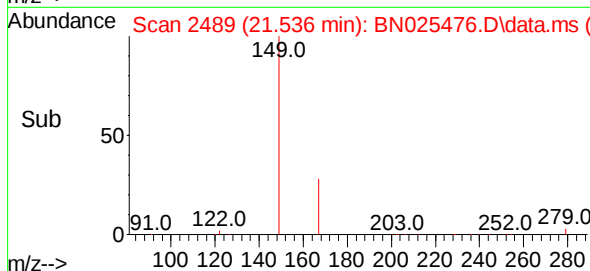
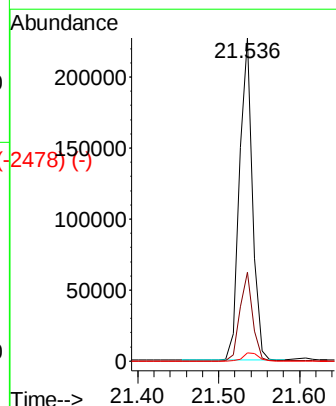
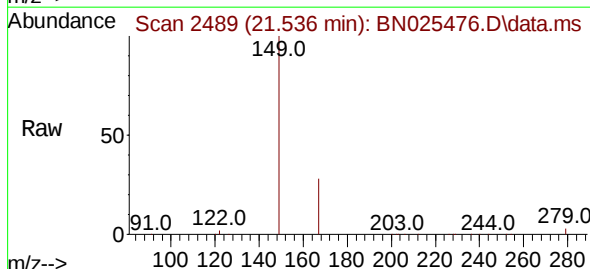
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tgt Ion:	228	Resp:	406489
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.3	36.5
229	19.5	15.4	23.2



Scan 2489 (21.536 min): BN025472.D\data.ms (-2489)
 Bis(2-ethylhexyl)phthalate
 Concen: 4.920 ng
 RT: 21.536 min Scan# 2489
 Delta R.T. 0.000 min
 Lab File: BN025476.D
 Acq: 18 May 2023 15:10

Tgt Ion:	149	Resp:	255670
Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.0	33.0
279	2.9	2.6	3.8



Abundance Scan 3181 (24.144 min): BN025472.D\data.ms (-3135) (-)

Perylene-d12

Concen: 0.400 ng

RT: 24.156 min Scan# 3185

Delta R.T. 0.012 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tgt Ion:264 Resp: 20724

Ion Ratio Lower Upper

264 100

260 26.7 21.2 31.8

265 36.4 27.1 40.7

Abundance Scan 3185 (24.156 min): BN025476.D\data.ms

Ref 50

264.0

Raw 50

125.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 3185 (24.156 min): BN025476.D\data.ms (-3130) (-)

Ref 50

264.0

Sub 50

m/z-->

120 140 160 180 200 220 240 260

Abundance

24.156

8000

6000

4000

2000

0

Time-->

24.00 24.20

Abundance Scan 4079 (26.769 min): BN025472.D\data.ms (-4045) (-)

Indeno(1,2,3-cd)pyrene

Concen: 4.771 ng

RT: 26.807 min Scan# 4092

Delta R.T. 0.038 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

Tgt Ion:276 Resp: 400107

Ion Ratio Lower Upper

276 100

138 27.4 21.8 32.6

277 24.8 19.7 29.5

Abundance Scan 4092 (26.807 min): BN025476.D\data.ms

Ref 50

276.0

Raw 50

138.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 4092 (26.807 min): BN025476.D\data.ms (-4045) (-)

Ref 50

276.0

Sub 50

138.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

26.807

100000

80000

60000

40000

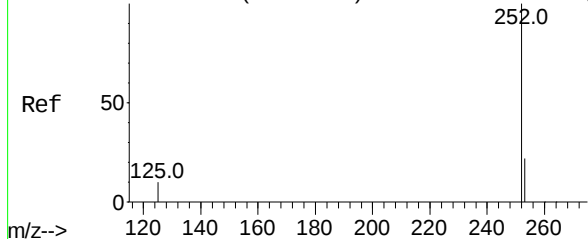
20000

0

Time-->

26.60 26.80

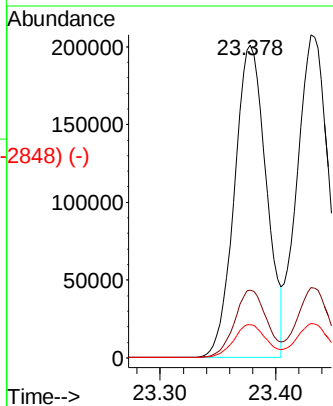
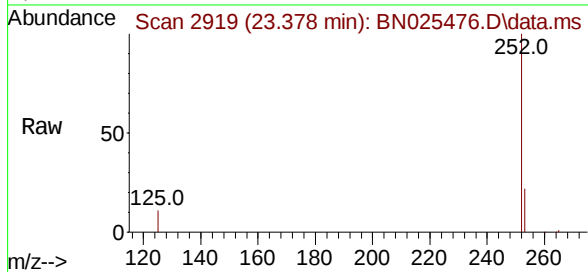
Abundance Scan 2916 (23.369 min): BN025472.D\data.ms (-2837) (-)



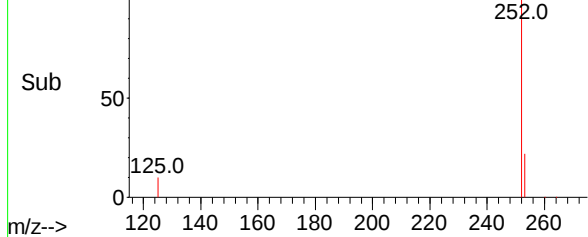
Benzo(b)fluoranthene
Concen: 4.995 ng
RT: 23.378 min Scan# 2919
Delta R.T. 0.009 min
Lab File: BN025476.D
Acq: 18 May 2023 15:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

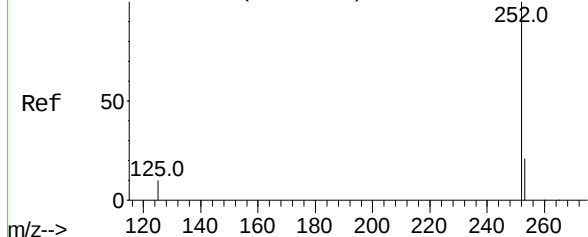
Tgt Ion:252 Resp: 384198
Ion Ratio Lower Upper
252 100
253 21.7 18.8 28.2
125 10.7 9.6 14.4



Abundance Scan 2919 (23.378 min): BN025476.D\data.ms (-2848) (-)

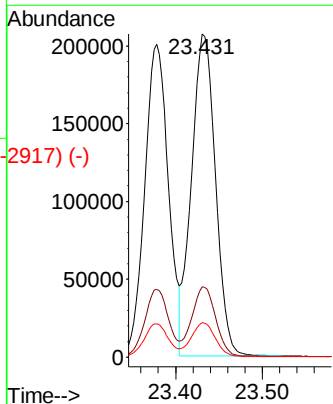
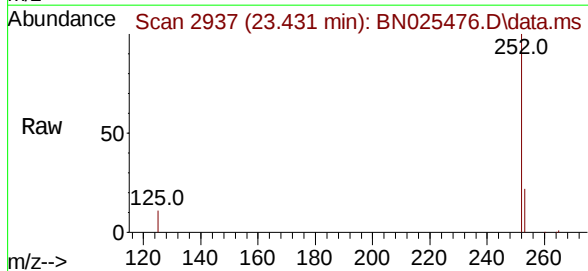


Abundance Scan 2934 (23.422 min): BN025472.D\data.ms (-2928) (-)

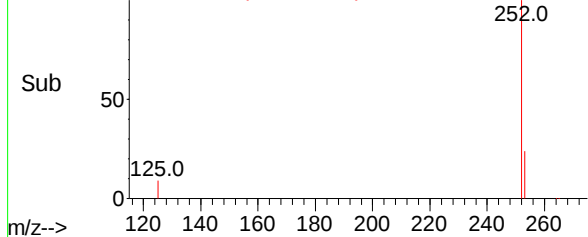


Benzo(k)fluoranthene
Concen: 5.051 ng
RT: 23.431 min Scan# 2937
Delta R.T. 0.009 min
Lab File: BN025476.D
Acq: 18 May 2023 15:10

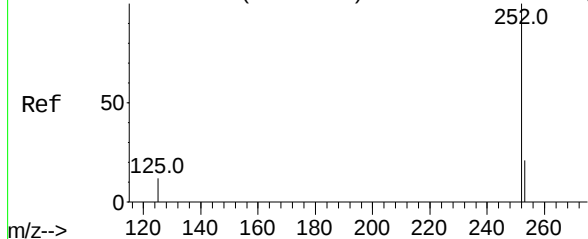
Tgt Ion:252 Resp: 395438
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 10.7 9.8 14.8



Abundance Scan 2937 (23.431 min): BN025476.D\data.ms (-2917) (-)



Abundance Scan 3141 (24.027 min): BN025472.D\data.ms (-3129) (-)



Benzo(a)pyrene

Concen: 5.053 ng

RT: 24.036 min Scan# 4129

Delta R.T. 0.009 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

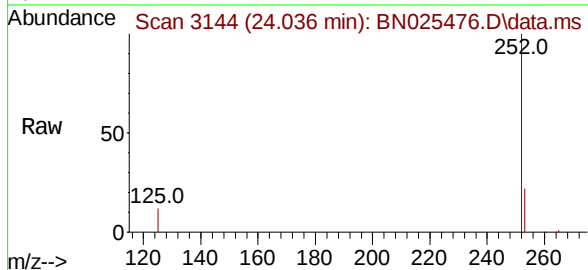
Tgt Ion:252 Resp: 365898

Ion Ratio Lower Upper

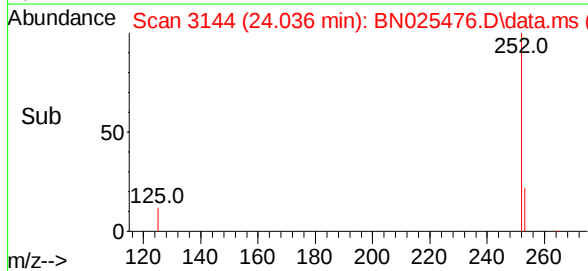
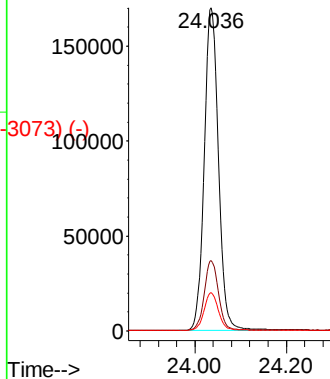
252 100

253 21.8 18.6 28.0

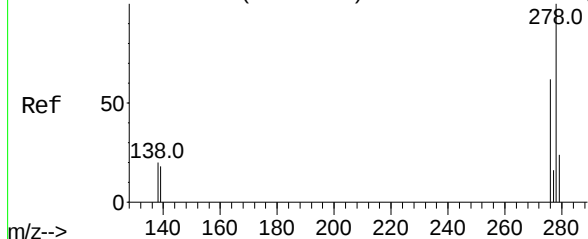
125 11.8 11.0 16.6



Abundance



Abundance Scan 4088 (26.796 min): BN025472.D\data.ms (-4054) (-)



Dibenzo(a,h)anthracene

Concen: 4.760 ng

RT: 26.837 min Scan# 4102

Delta R.T. 0.041 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

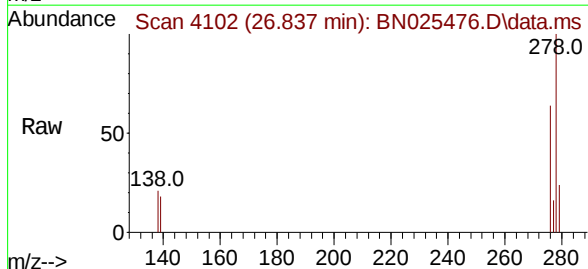
Tgt Ion:278 Resp: 319770

Ion Ratio Lower Upper

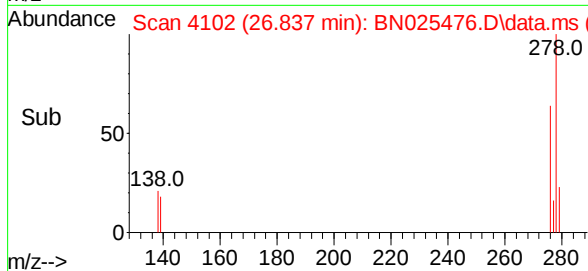
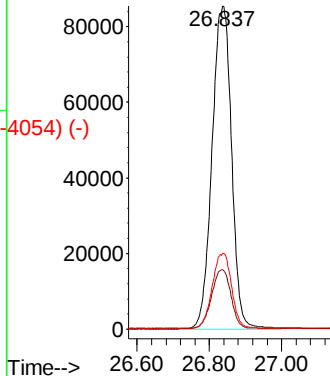
278 100

139 18.4 15.0 22.6

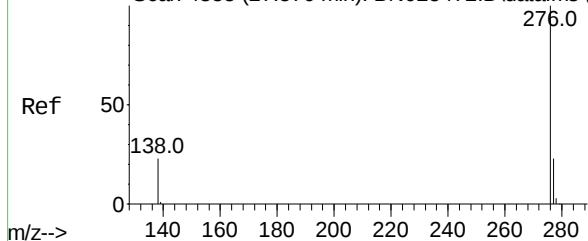
279 23.6 20.5 30.7



Abundance



Abundance Scan 4355 (27.576 min): BN025472.D\data.ms (-4321) (-)



Benzo(g,h,i)perylene

Concen: 4.652 ng

RT: 27.620 min Scan# 4

Delta R.T. 0.044 min

Lab File: BN025476.D

Acq: 18 May 2023 15:10

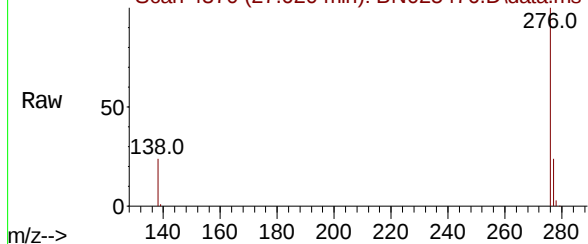
Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Abundance Scan 4370 (27.620 min): BN025476.D\data.ms



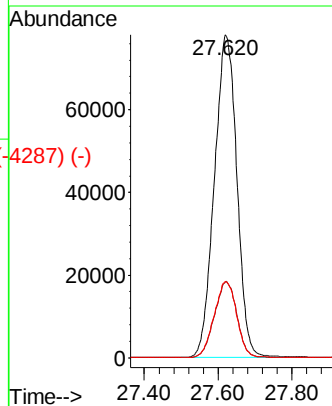
Tgt Ion:276 Resp: 329533

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 23.7 19.2 28.8



Abundance Scan 4370 (27.620 min): BN025476.D\data.ms (-4287) (-)

