

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051823\
 Data File : BN025471.D
 Acq On : 18 May 2023 12:12
 Operator : CG/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Quant Time: May 18 17:47:06 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)

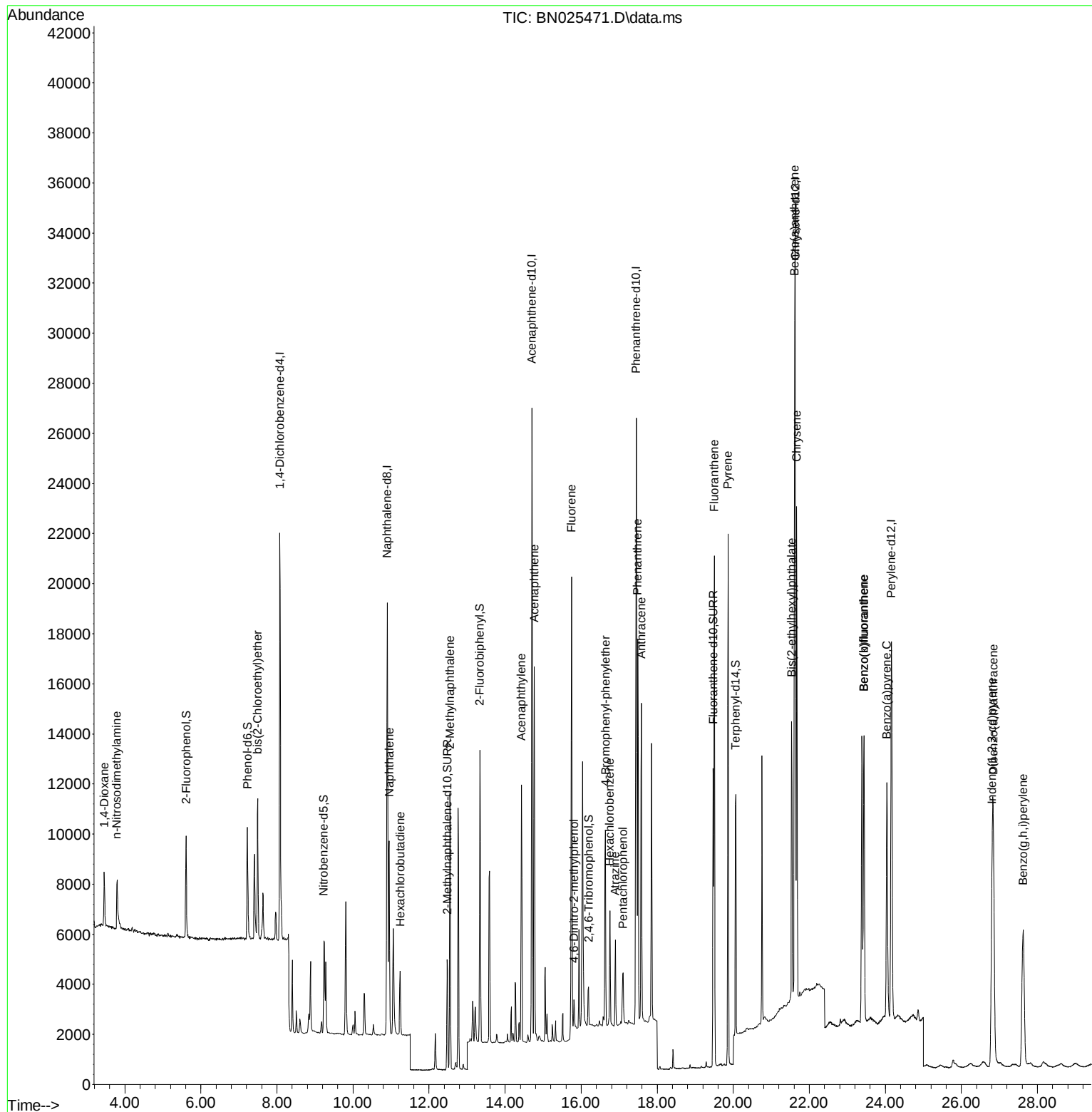
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	8026	0.400	ng	0.00
7) Naphthalene-d8	10.899	136	22657	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	13903	0.400	ng	0.00
19) Phenanthrene-d10	17.447	188	30326	0.400	ng	0.00
29) Chrysene-d12	21.634	240	26067	0.400	ng	0.00
35) Perylene-d12	24.158	264	24914	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.614	112	3479	0.192	ng	0.00
5) Phenol-d6	7.225	99	4369	0.188	ng	0.00
8) Nitrobenzene-d5	9.234	82	3251	0.180	ng	0.00
11) 2-Methylnaphthalene-d10	12.479	152	5774	0.183	ng	0.00
14) 2,4,6-Tribromophenol	16.194	330	944	0.174	ng	0.00
15) 2-Fluorobiphenyl	13.336	172	9911	0.186	ng	0.00
27) Fluoranthene-d10	19.473	212	12826	0.183	ng	0.00
31) Terphenyl-d14	20.067	244	8098	0.175	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.455	88	1543	0.188	ng	99
3) n-Nitrosodimethylamine	3.787	42	1562	0.173	ng	# 97
6) bis(2-Chloroethyl)ether	7.492	93	4355	0.193	ng	100
9) Naphthalene	10.953	128	10693	0.186	ng	98
10) Hexachlorobutadiene	11.241	225	2054	0.188	ng	# 99
12) 2-Methylnaphthalene	12.551	142	7635	0.183	ng	99
16) Acenaphthylene	14.427	152	11044	0.174	ng	100
17) Acenaphthene	14.769	154	7427	0.177	ng	98
18) Fluorene	15.747	166	9081	0.175	ng	97
20) 4,6-Dinitro-2-methylph...	15.821	198	1014	0.161	ng	93
21) 4-Bromophenyl-phenylether	16.641	248	3280	0.184	ng	97
22) Hexachlorobenzene	16.752	284	3116	0.187	ng	99
23) Atrazine	16.901	200	2675	0.184	ng	99
24) Pentachlorophenol	17.100	266	1228	0.146	ng	100
25) Phenanthrene	17.485	178	16580	0.187	ng	100
26) Anthracene	17.584	178	14651	0.176	ng	99
28) Fluoranthene	19.502	202	18254	0.181	ng	100
30) Pyrene	19.865	202	18707	0.180	ng	100
32) Benzo(a)anthracene	21.616	228	17459	0.185	ng	100
33) Chrysene	21.670	228	17300	0.185	ng	99
34) Bis(2-ethylhexyl)phtha...	21.535	149	10359	0.186	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.807	276	18268	0.181	ng	99
37) Benzo(b)fluoranthene	23.436	252	17375	0.188	ng	96
38) Benzo(k)fluoranthene	23.436	252	17237	0.183	ng	96
39) Benzo(a)pyrene	24.039	252	15836	0.182	ng	# 94
40) Dibenzo(a,h)anthracene	26.839	278	14667	0.182	ng	# 93
41) Benzo(g,h,i)perylene	27.623	276	15596	0.183	ng	97

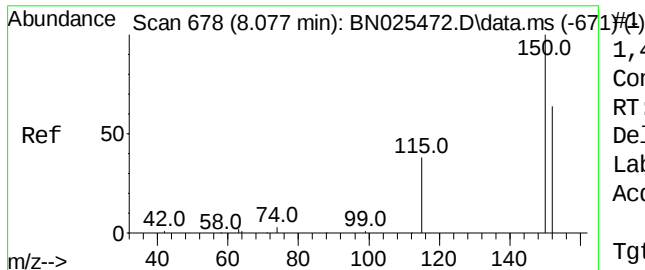
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051823\
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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: BN025471.D

Acq: 18 May 2023 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

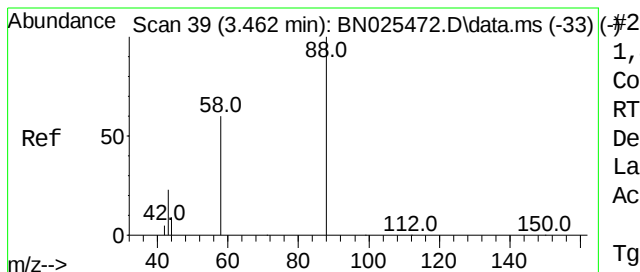
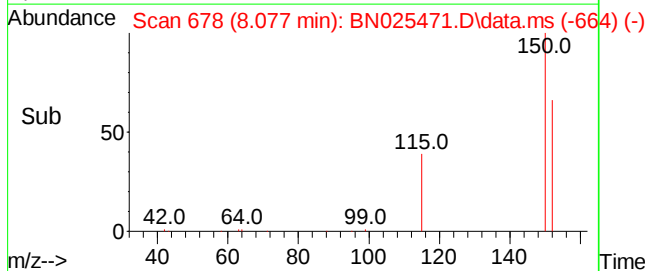
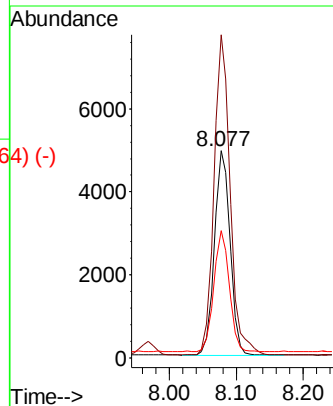
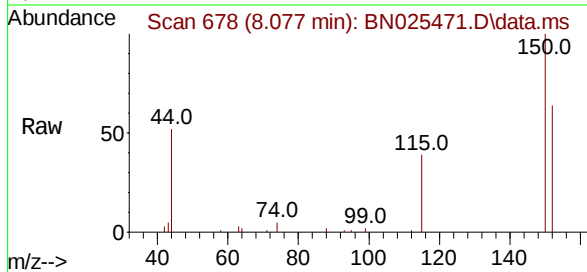
Tgt Ion:152 Resp: 8026

Ion Ratio Lower Upper

152 100

150 156.0 125.3 187.9

115 61.4 50.2 75.2



1,4-Dioxane

Concen: 0.188 ng

RT: 3.455 min Scan# 38

Delta R.T. -0.007 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

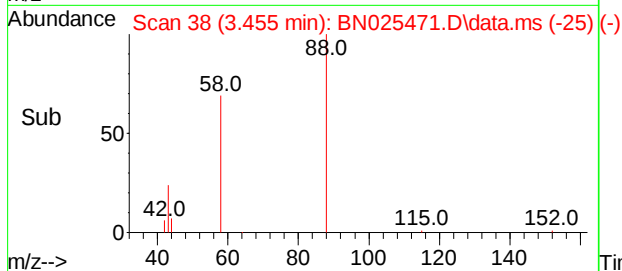
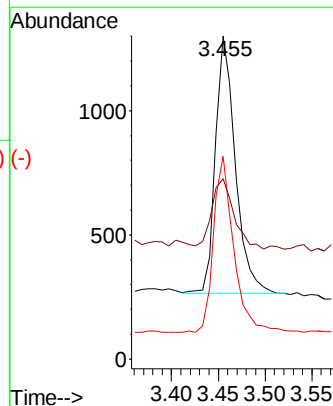
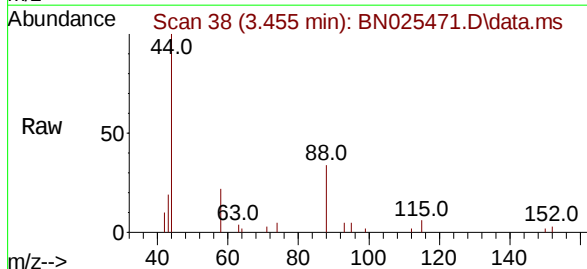
Tgt Ion: 88 Resp: 1543

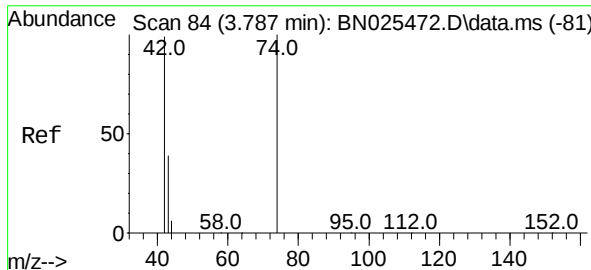
Ion Ratio Lower Upper

88 100

43 30.8 23.8 35.6

58 69.1 55.1 82.7

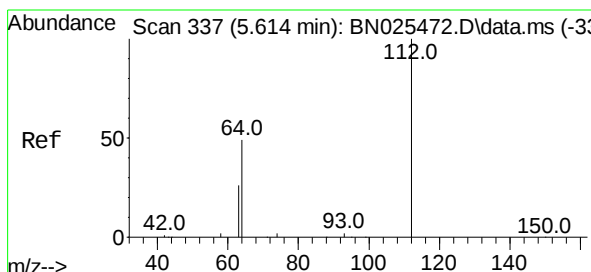
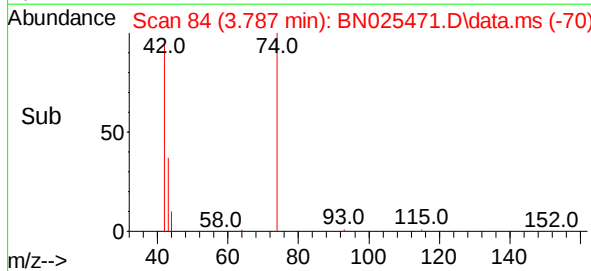
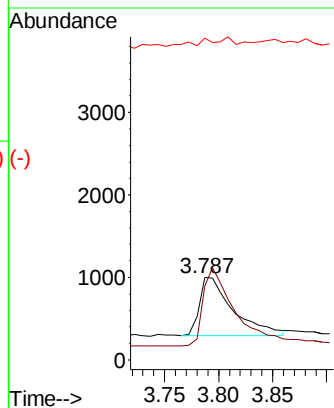
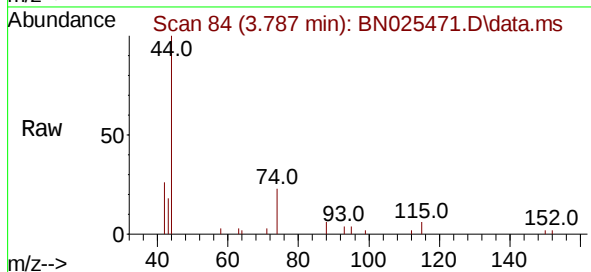




n-Nitrosodimethylamine
 Concen: 0.173 ng
 RT: 3.787 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: BN025471.D
 Acq: 18 May 2023 12:12

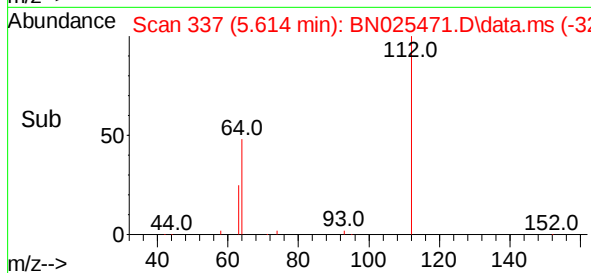
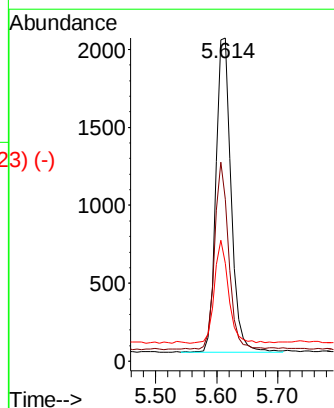
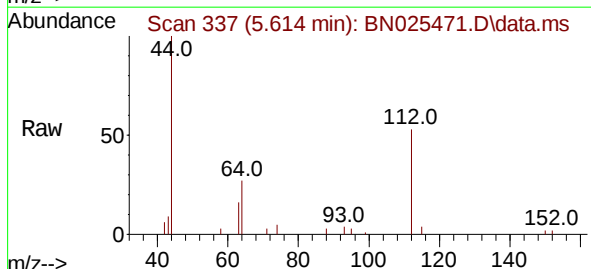
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

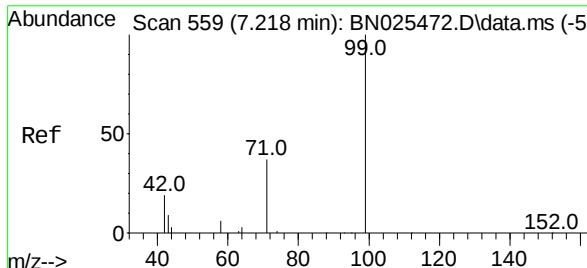
Tgt Ion: 42 Resp: 1562
 Ion Ratio Lower Upper
 42 100
 74 126.1 100.2 150.4
 44 0.0 8.6 12.8#



2-Fluorophenol
 Concen: 0.192 ng
 RT: 5.614 min Scan# 337
 Delta R.T. -0.000 min
 Lab File: BN025471.D
 Acq: 18 May 2023 12:12

Tgt Ion: 112 Resp: 3479
 Ion Ratio Lower Upper
 112 100
 64 55.0 44.0 66.0
 63 30.6 24.0 36.0





Phenol-d6

Concen: 0.188 ng

RT: 7.225 min Scan# 559

Delta R.T. 0.007 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

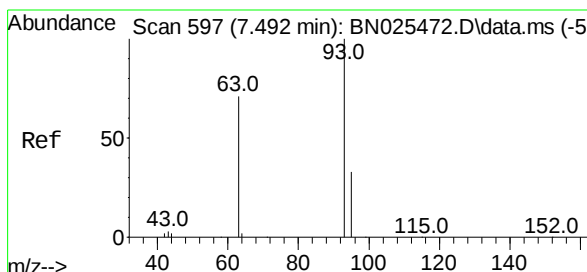
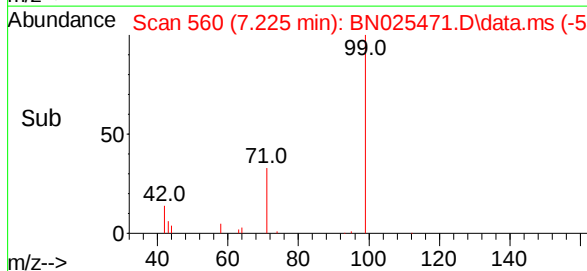
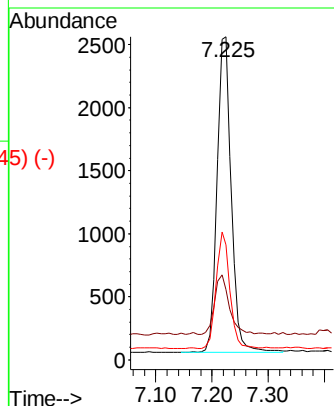
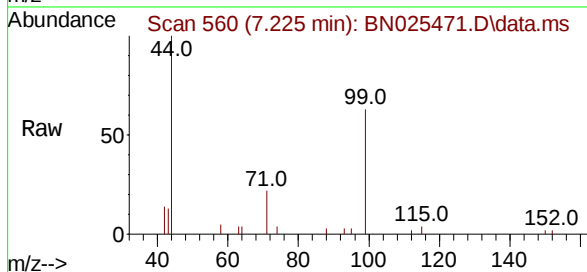
Tgt Ion: 99 Resp: 4369

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: 0.193 ng

RT: 7.492 min Scan# 597

Delta R.T. -0.000 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

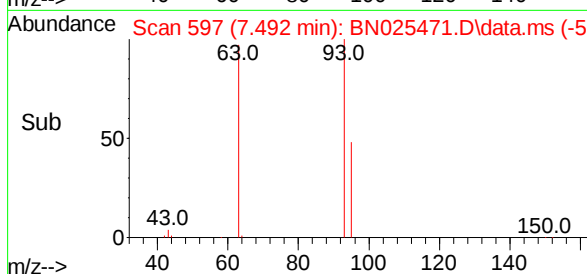
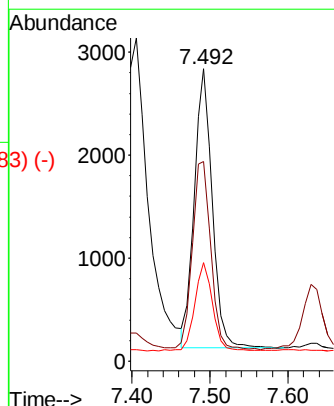
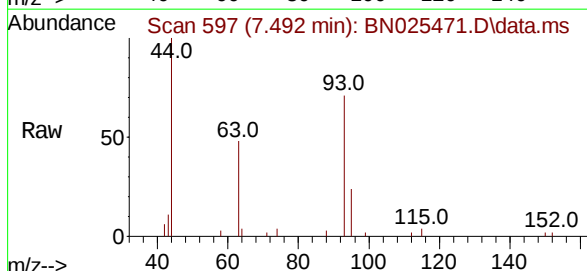
Tgt Ion: 93 Resp: 4355

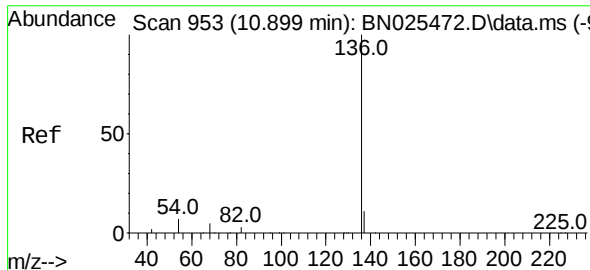
Ion Ratio Lower Upper

93 100

63 69.6 55.8 83.6

95 32.0 25.7 38.5





Naphthalene-d8

Concen: 0.400 ng

RT: 10.899 min Scan# 953

Delta R.T. -0.000 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

Tgt Ion:136 Resp: 22657

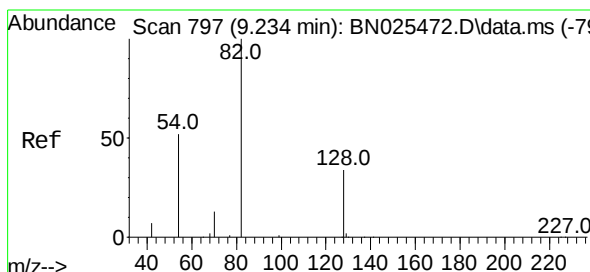
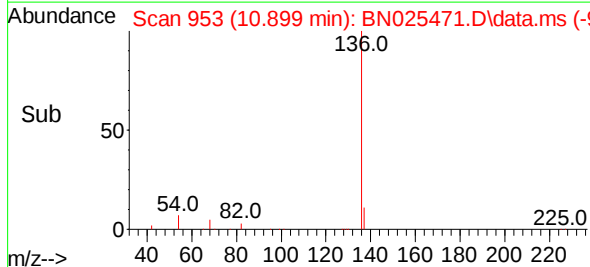
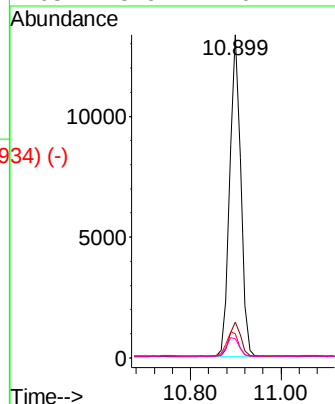
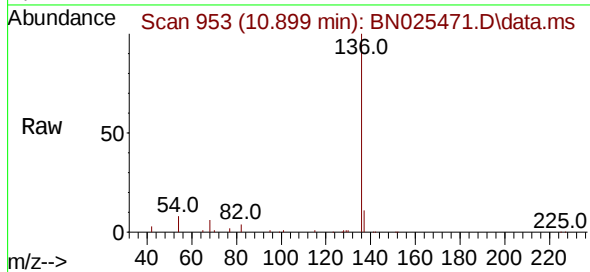
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.5 5.8 8.6

68 5.9 4.6 7.0



Nitrobenzene-d5

Concen: 0.180 ng

RT: 9.234 min Scan# 797

Delta R.T. -0.000 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

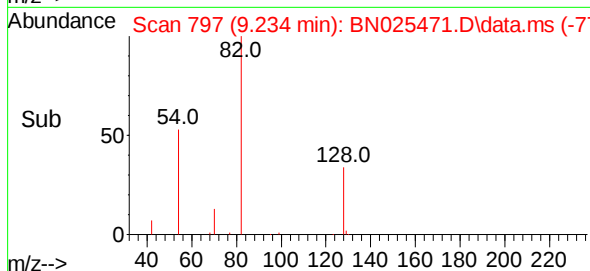
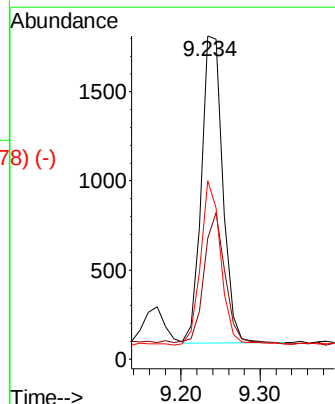
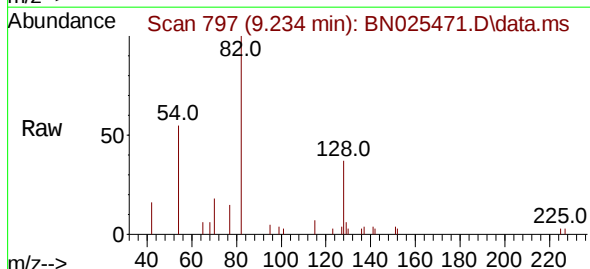
Tgt Ion: 82 Resp: 3251

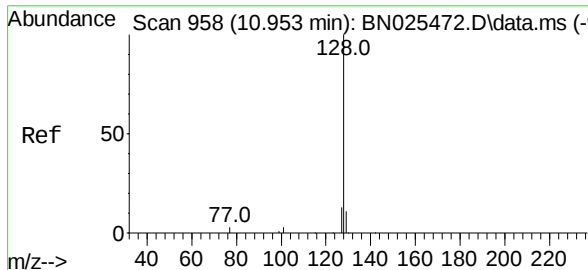
Ion Ratio Lower Upper

82 100

128 37.4 27.9 41.9

54 55.3 42.4 63.6

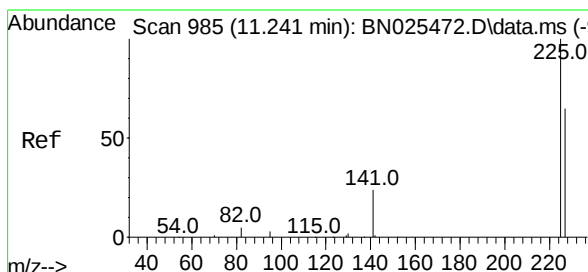
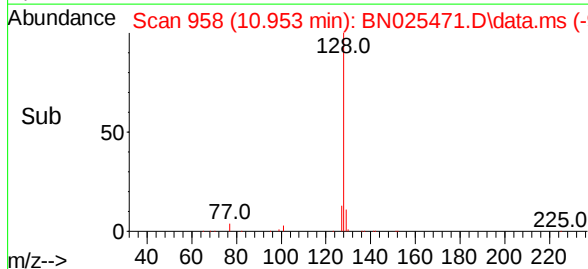
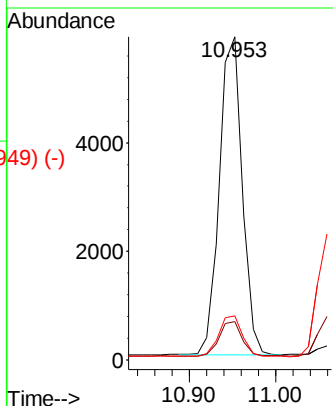
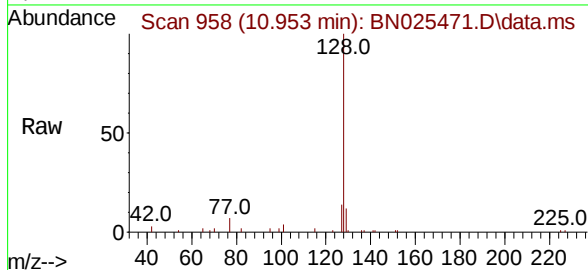




Scan 958 (10.953 min): BN025472.D\data.ms (-957) (-)
 Naphthalene
 Concen: 0.186 ng
 RT: 10.953 min Scan# 958
 Delta R.T. -0.000 min
 Lab File: BN025471.D
 Acq: 18 May 2023 12:12

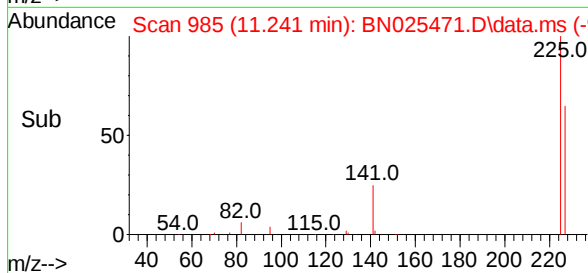
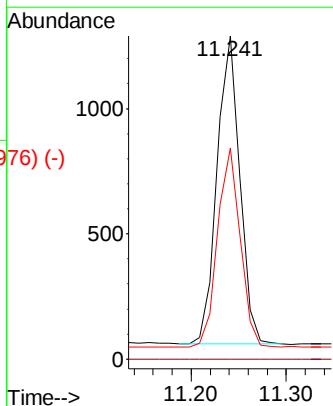
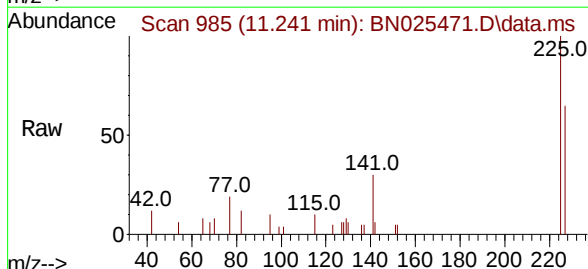
Instrument :
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 SSTDICC0.2

Tgt Ion:	128	Resp:	10693
Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.9	13.3
127	13.7	10.4	15.6



Scan 985 (11.241 min): BN025472.D\data.ms (-979) (-)
 Hexachlorobutadiene
 Concen: 0.188 ng
 RT: 11.241 min Scan# 985
 Delta R.T. -0.000 min
 Lab File: BN025471.D
 Acq: 18 May 2023 12:12

Tgt Ion:	225	Resp:	2054
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.8	51.4	77.2



Abundance Scan 1266 (12.476 min): BN025472.D\data.ms (-1215) (-)

2-Methylnaphthalene-d10

Concen: 0.183 ng

RT: 12.479 min Scan# 1266

Delta R.T. 0.004 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

Tgt Ion:152 Resp: 5774

Ion Ratio Lower Upper

152 100

151 20.5 16.6 24.8

Abundance Scan 1267 (12.479 min): BN025471.D\data.ms

152.0

223.0

m/z-->

115.0

Raw

50

223.0

m/z-->

Abundance Scan 1267 (12.479 min): BN025471.D\data.ms (-1213) (-)

152.0

223.0

m/z-->

115.0

Sub

50

223.0

m/z-->

Abundance

12.479

3000

2000

1000

0

Time-->

12.40

12.50

Abundance Scan 1286 (12.551 min): BN025472.D\data.ms (-1212) (-)

2-Methylnaphthalene

Concen: 0.183 ng

RT: 12.551 min Scan# 1286

Delta R.T. -0.000 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

Tgt Ion:142 Resp: 7635

Ion Ratio Lower Upper

142 100

141 89.6 71.1 106.7

115 39.5 31.3 46.9

Abundance Scan 1286 (12.551 min): BN025471.D\data.ms

142.0

223.0

m/z-->

115.0

Raw

50

223.0

m/z-->

Abundance Scan 1286 (12.551 min): BN025471.D\data.ms (-1260) (-)

142.0

227.0

m/z-->

115.0

Sub

50

227.0

m/z-->

Abundance

12.551

4000

3000

2000

1000

0

Time-->

12.50

12.60

Abundance Scan 1565 (14.705 min): BN025472.D\data.ms (-1546) (-)

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.705 min Scan# 1565

Delta R.T. -0.000 min

Lab File: BN025471.D

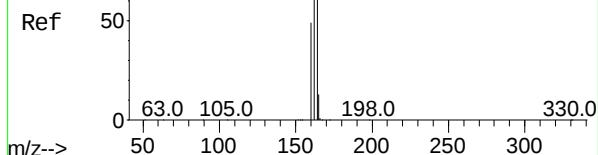
Acq: 18 May 2023 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2



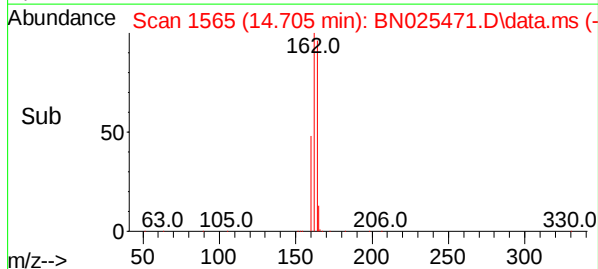
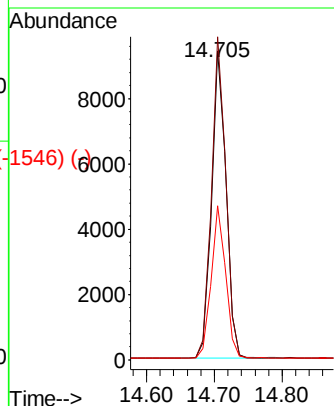
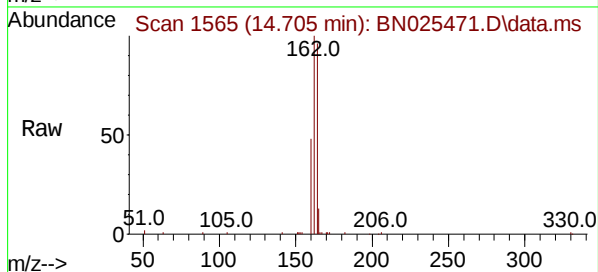
Tgt Ion:164 Resp: 13903

Ion Ratio Lower Upper

164 100

162 104.6 84.2 126.2

160 49.9 41.4 62.2



Abundance Scan 1698 (16.194 min): BN025472.D\data.ms (-1694) (-)

2,4,6-Tribromophenol

Concen: 0.174 ng

RT: 16.194 min Scan# 1698

Delta R.T. -0.000 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

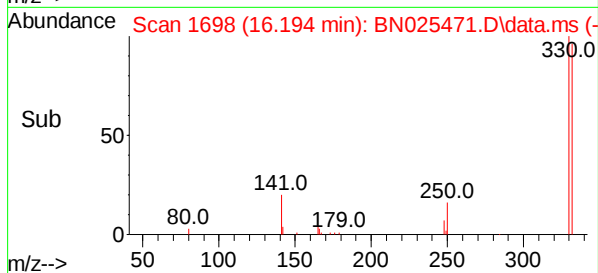
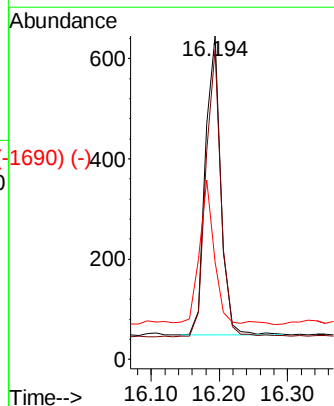
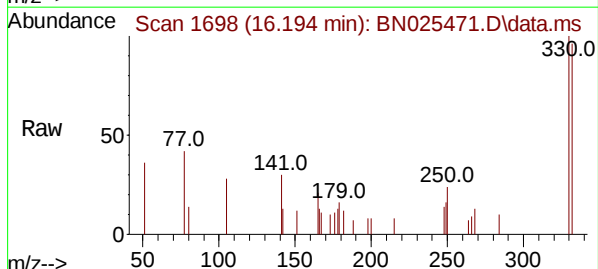
Tgt Ion:330 Resp: 944

Ion Ratio Lower Upper

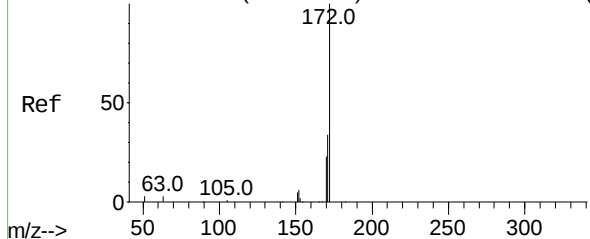
330 100

332 95.2 76.1 114.1

141 45.6 36.1 54.1



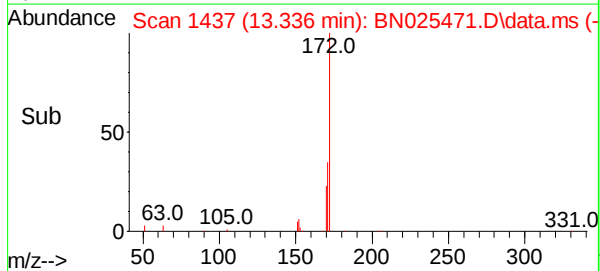
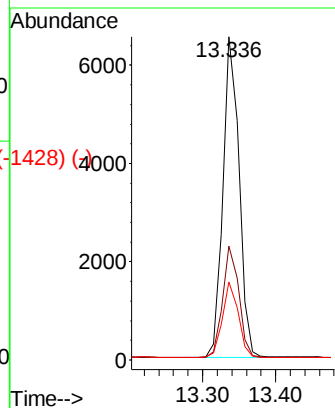
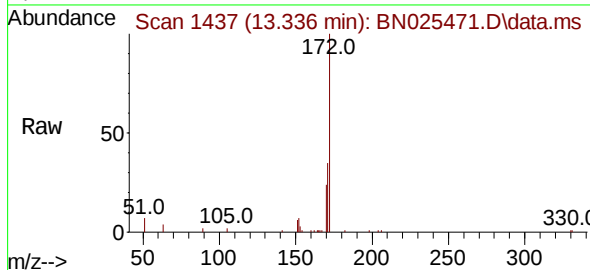
Abundance Scan 1437 (13.336 min): BN025472.D\data.ms (-1435)



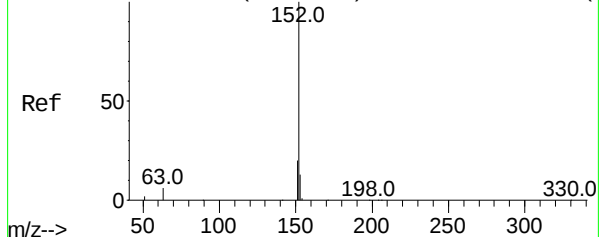
2-Fluorobiphenyl
Concen: 0.186 ng
RT: 13.336 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BN025471.D
Acq: 18 May 2023 12:12

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:	172	Resp:	9911
Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.6	41.4
170	24.1	18.9	28.3

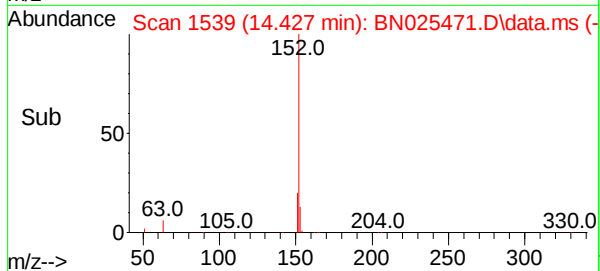
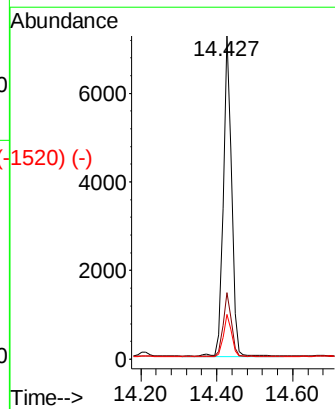
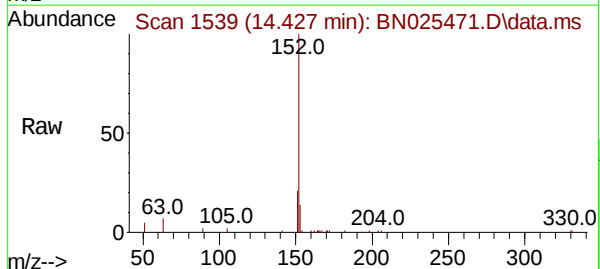


Abundance Scan 1539 (14.427 min): BN025472.D\data.ms (-1536)



Acenaphthylene
Concen: 0.174 ng
RT: 14.427 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BN025471.D
Acq: 18 May 2023 12:12

Tgt Ion:	152	Resp:	11044
Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.2
153	13.0	10.3	15.5



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

Acenaphthene

Concen: 0.177 ng

RT: 14.769 min Scan# 1517

Delta R.T. -0.000 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

Tgt Ion:154 Resp: 7427

Ion Ratio Lower Upper

154 100

153 110.9 86.9 130.3

152 56.2 43.9 65.9

Abundance Scan 1571 (14.769 min): BN025471.D\data.ms

Ref 50

63.0 153.0

105.0 204.0 330.0

m/z-->

Raw 50

63.0 105.0 153.0 204.0 330.0

m/z-->

Abundance Scan 1571 (14.769 min): BN025471.D\data.ms (-1562) (-)

Sub 50

63.0 105.0 153.0 331.0

m/z-->

Abundance

14.769

5000

4000

3000

2000

1000

0

Time-->

14.80

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

Fluorene

Concen: 0.175 ng

RT: 15.747 min Scan# 1662

Delta R.T. -0.000 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

Tgt Ion:166 Resp: 9081

Ion Ratio Lower Upper

166 100

165 102.8 79.9 119.9

167 14.3 11.2 16.8

Abundance Scan 1662 (15.747 min): BN025471.D\data.ms

Ref 50

77.0 166.0

215.0 264.0 330.0

m/z-->

Raw 50

77.0 166.0 215.0 264.0 330.0

m/z-->

Abundance Scan 1662 (15.747 min): BN025471.D\data.ms (-1644) (-)

Sub 50

77.0 166.0 215.0 264.0 332.0

m/z-->

Abundance

15.747

6000

4000

2000

0

Time-->

15.60 15.80

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: BN025471.D

Acq: 18 May 2023 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

Tgt Ion:188 Resp: 30326

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 8.2 12.4

Abundance Scan 1799 (17.447 min): BN025471.D\data.ms

Ref 50

80.0 141.0 188.0 266.0

m/z-->

Abundance Scan 1799 (17.447 min): BN025471.D\data.ms

Raw 50

80.0 142.0 188.0 249.0 330.0

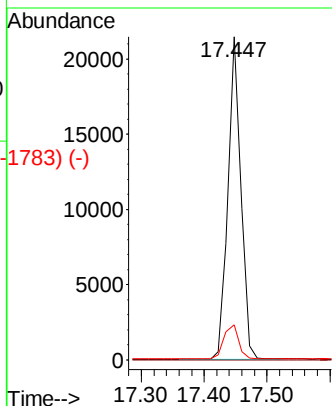
m/z-->

Abundance Scan 1799 (17.447 min): BN025471.D\data.ms (-1783) (-)

Sub 50

80.0 142.0 188.0 250.0

m/z-->



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

4,6-Dinitro-2-methylphenol

Concen: 0.161 ng

RT: 15.821 min Scan# 1668

Delta R.T. 0.012 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

Tgt Ion:198 Resp: 1014

Ion Ratio Lower Upper

198 100

51 58.9 42.2 63.2

105 48.0 41.0 61.6

Abundance Scan 1668 (15.821 min): BN025471.D\data.ms

Ref 50

51.0 105.0 151.0 198.0 248.0 284.0 330.0

m/z-->

Abundance Scan 1668 (15.821 min): BN025471.D\data.ms

Raw 50

51.0 105.0 151.0 198.0 268.0 330.0

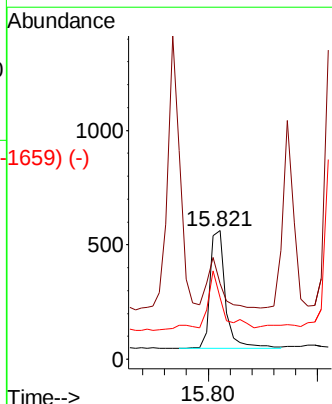
m/z-->

Abundance Scan 1668 (15.821 min): BN025471.D\data.ms (-1659) (-)

Sub 50

51.0 105.0 151.0 198.0 266.0

m/z-->



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

4-Bromophenyl-phenylether

Concen: 0.184 ng

RT: 16.641 min Scan# 1734

Delta R.T. -0.000 min

Lab File: BN025471.D

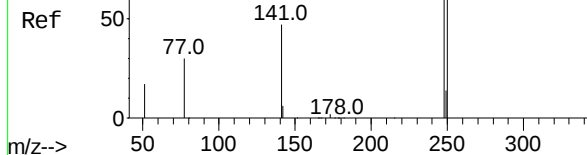
Acq: 18 May 2023 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2



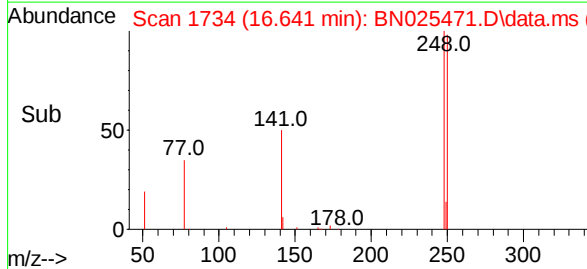
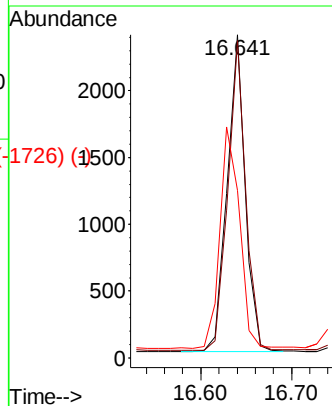
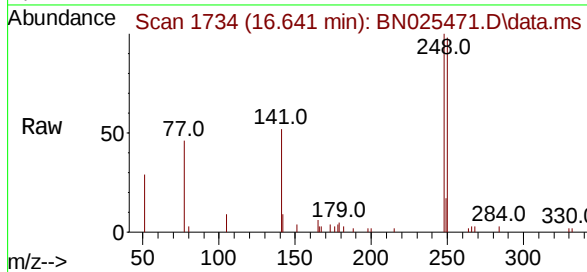
Tgt Ion:248 Resp: 3280

Ion Ratio Lower Upper

248 100

250 98.2 79.8 119.8

141 51.8 38.7 58.1



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

Hexachlorobenzene

Concen: 0.187 ng

RT: 16.752 min Scan# 1743

Delta R.T. -0.000 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

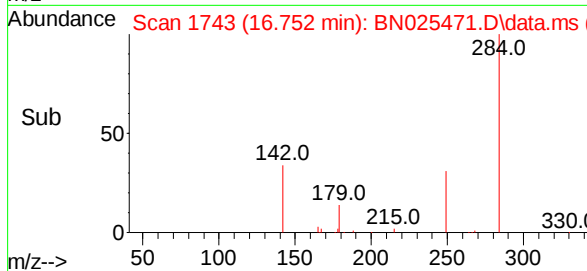
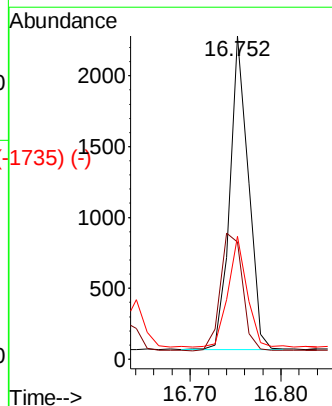
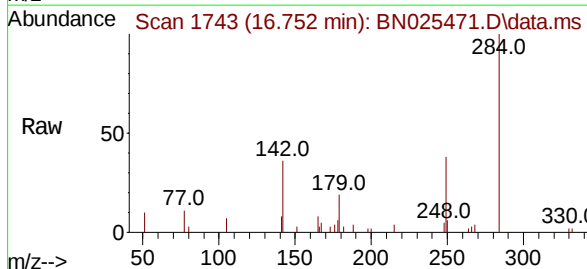
Tgt Ion:284 Resp: 3116

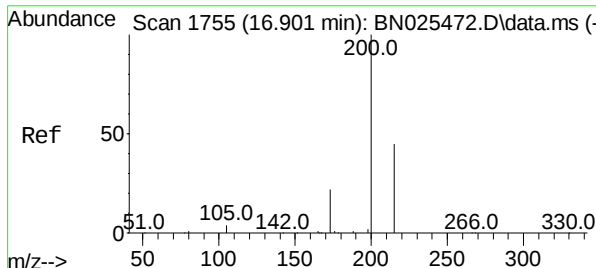
Ion Ratio Lower Upper

284 100

142 45.4 36.0 54.0

249 35.6 27.8 41.6

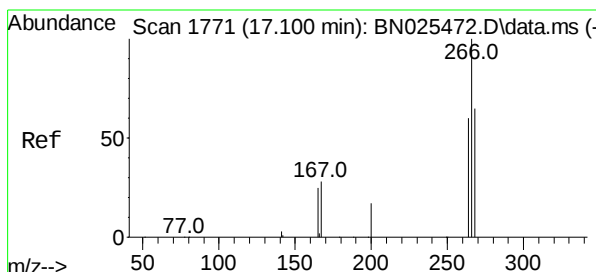
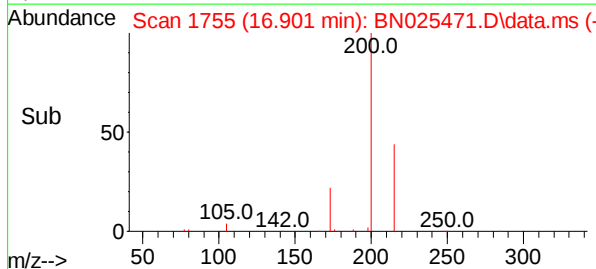
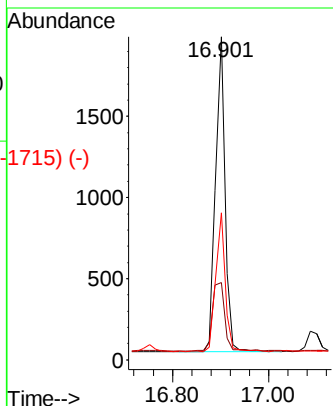
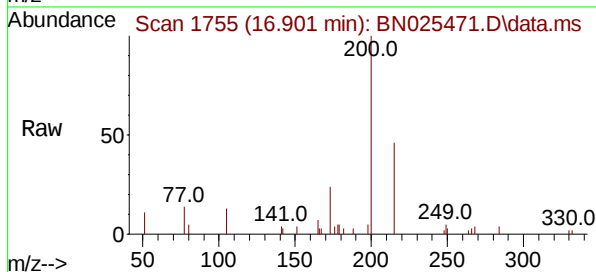




Scan 1755 (16.901 min): BN025472.D\data.ms (-1723) (-)
 Atrazine
 Concen: 0.184 ng
 RT: 16.901 min Scan# 1755
 Delta R.T. -0.000 min
 Lab File: BN025471.D
 Acq: 18 May 2023 12:12

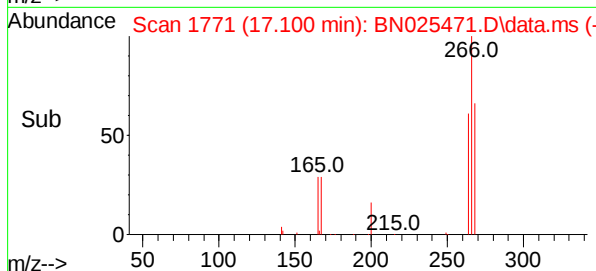
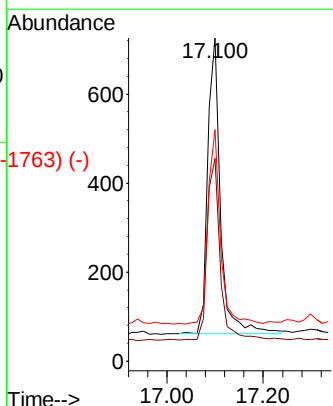
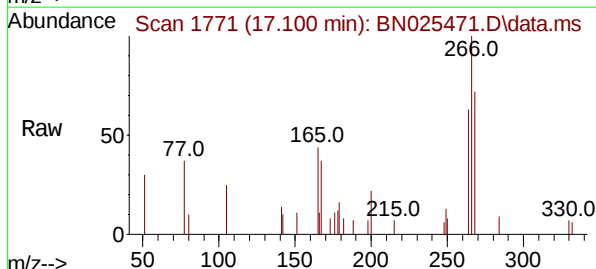
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Tgt Ion:	200	Resp:	2675
Ion Ratio	Lower	Upper	
200	100		
173	24.0	18.6	27.8
215	45.6	36.9	55.3



Scan 1771 (17.100 min): BN025472.D\data.ms (-1724) (-)
 Pentachlorophenol
 Concen: 0.146 ng
 RT: 17.100 min Scan# 1771
 Delta R.T. -0.000 min
 Lab File: BN025471.D
 Acq: 18 May 2023 12:12

Tgt Ion:	266	Resp:	1228
Ion Ratio	Lower	Upper	
266	100		
264	62.6	49.8	74.8
268	63.4	51.0	76.6



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

Phenanthrene

Concen: 0.187 ng

RT: 17.485 min Scan# 1802

Delta R.T. -0.000 min

Lab File: BN025471.D

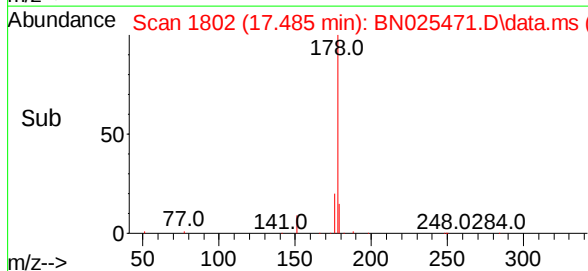
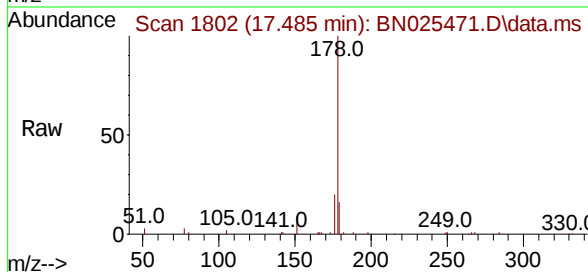
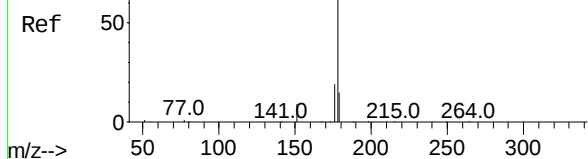
Acq: 18 May 2023 12:12

Instrument :

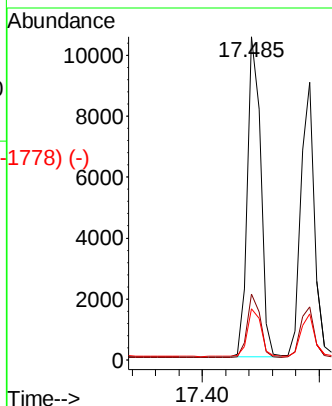
BNA_N

ClientSampleId :

SSTDICC0.2



Tgt Ion:	178	Resp:	16580
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.4	12.1	18.1



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

Anthracene

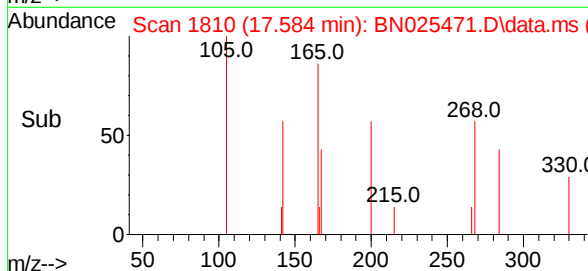
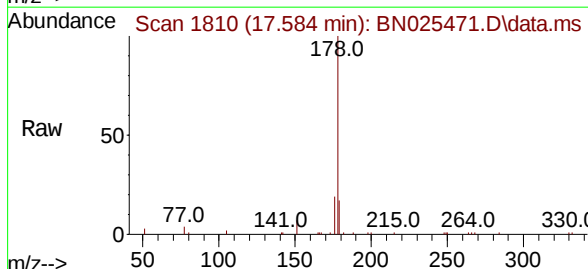
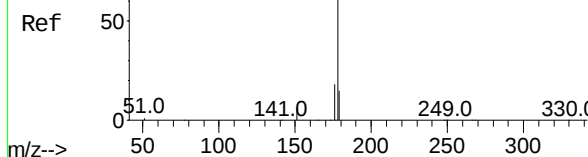
Concen: 0.176 ng

RT: 17.584 min Scan# 1810

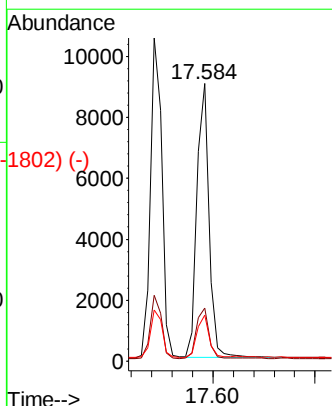
Delta R.T. -0.000 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12



Tgt Ion:	178	Resp:	14651
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.7	12.1	18.1



Abundance Scan 2192 (19.473 min): BN025472.D\data.ms (-2123) (-)

Fluoranthene-d10

Concen: 0.183 ng

RT: 19.473 min Scan# 2192

Delta R.T. -0.000 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

Tgt Ion:212 Resp: 12826

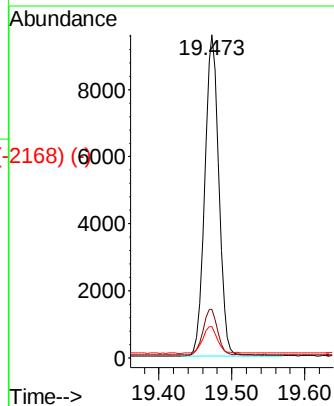
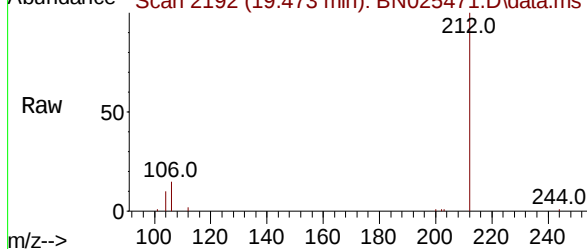
Ion Ratio Lower Upper

212 100

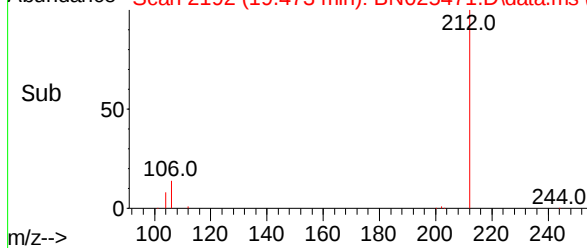
106 14.7 11.4 17.2

104 8.8 6.6 10.0

Abundance Scan 2192 (19.473 min): BN025471.D\data.ms



Abundance Scan 2192 (19.473 min): BN025471.D\data.ms (-2168) (-)



Abundance Scan 2199 (19.502 min): BN025472.D\data.ms (-2123) (-)

Fluoranthene

Concen: 0.181 ng

RT: 19.502 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

Tgt Ion:202 Resp: 18254

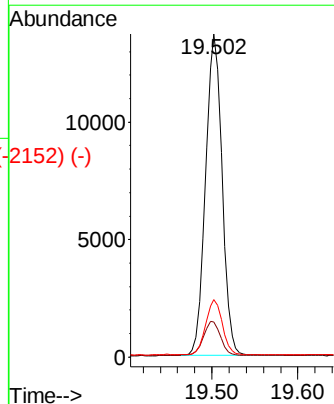
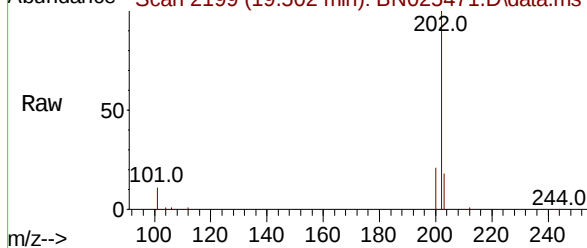
Ion Ratio Lower Upper

202 100

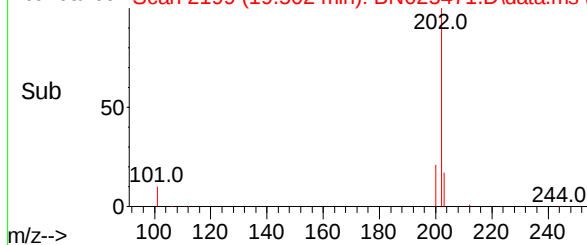
101 11.0 8.7 13.1

203 17.1 13.8 20.6

Abundance Scan 2199 (19.502 min): BN025471.D\data.ms



Abundance Scan 2199 (19.502 min): BN025471.D\data.ms (-2152) (-)



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

Chrysene-d12

Concen: 0.400 ng

RT: 21.634 min Scan# 2500

Delta R.T. -0.000 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

Tgt Ion:240 Resp: 26067

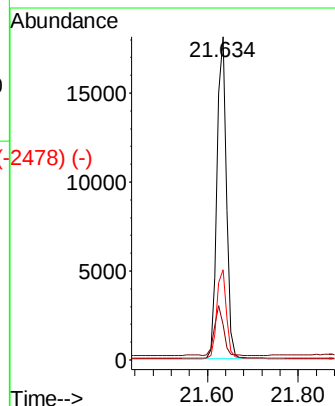
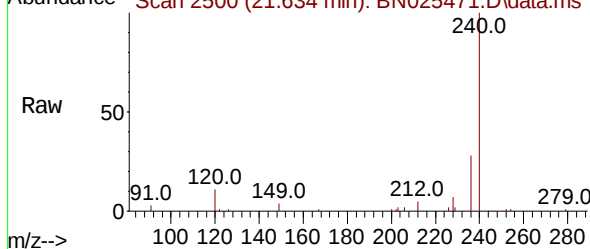
Ion Ratio Lower Upper

240 100

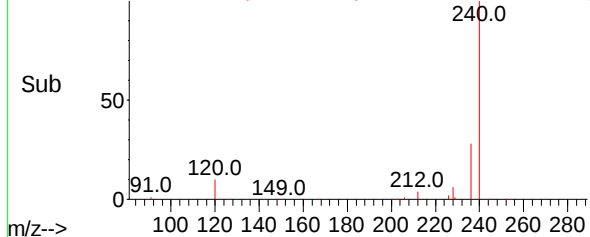
120 10.9 8.6 12.8

236 27.9 22.7 34.1

Abundance Scan 2500 (21.634 min): BN025471.D\data.ms



Abundance Scan 2500 (21.634 min): BN025471.D\data.ms (-2478) (-)



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

Pyrene

Concen: 0.180 ng

RT: 19.865 min Scan# 2285

Delta R.T. -0.000 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

Tgt Ion:202 Resp: 18707

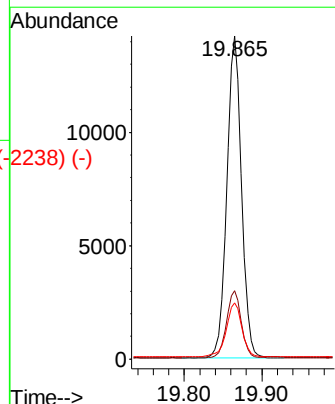
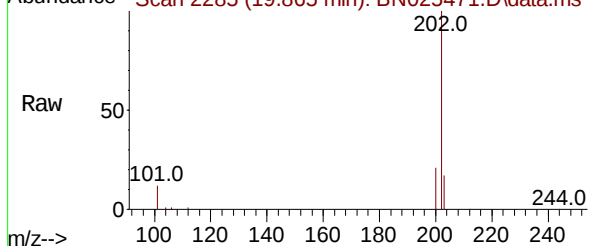
Ion Ratio Lower Upper

202 100

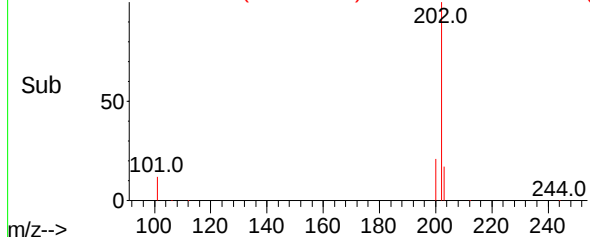
200 21.1 16.8 25.2

203 17.8 14.2 21.4

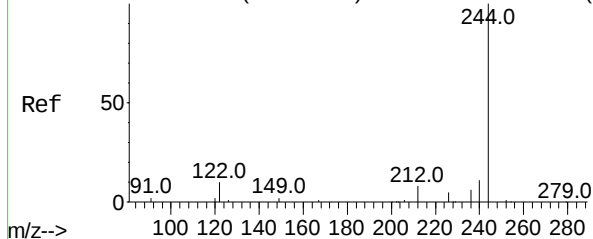
Abundance Scan 2285 (19.865 min): BN025471.D\data.ms



Abundance Scan 2285 (19.865 min): BN025471.D\data.ms (-2238) (-)



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



Terphenyl-d14

Concen: 0.175 ng

RT: 20.067 min Scan# 2325

Delta R.T. -0.000 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

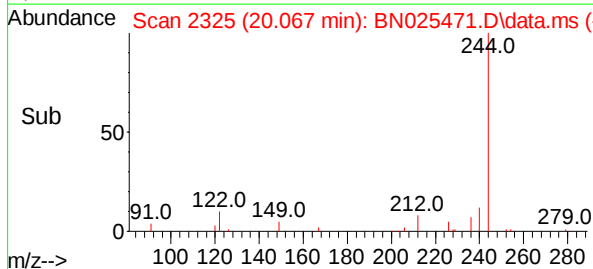
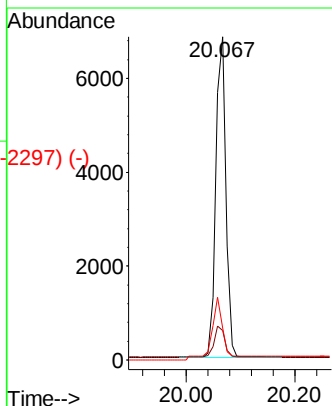
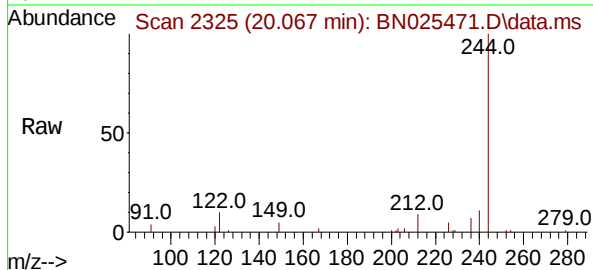
Tgt Ion:244 Resp: 8098

Ion Ratio Lower Upper

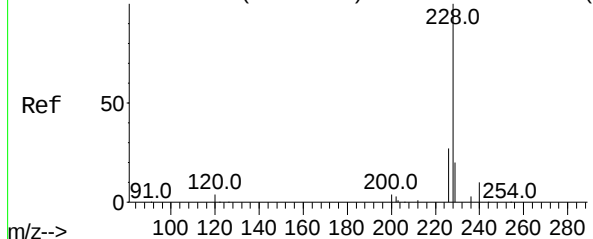
244 100

212 9.0 6.6 10.0

122 9.9 8.1 12.1



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



Benzo(a)anthracene

Concen: 0.185 ng

RT: 21.616 min Scan# 2498

Delta R.T. -0.000 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

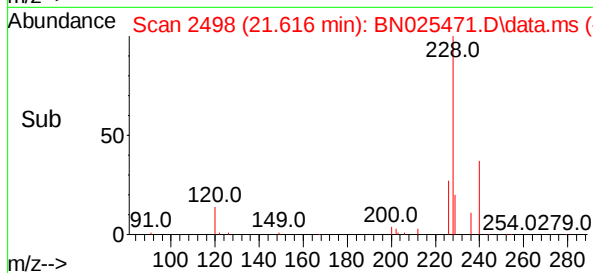
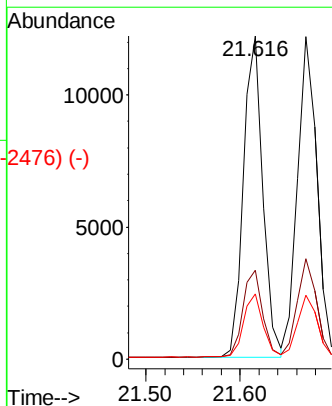
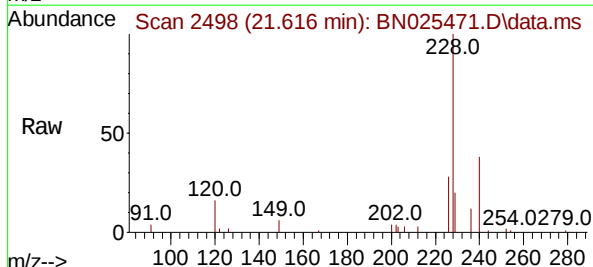
Tgt Ion:228 Resp: 17459

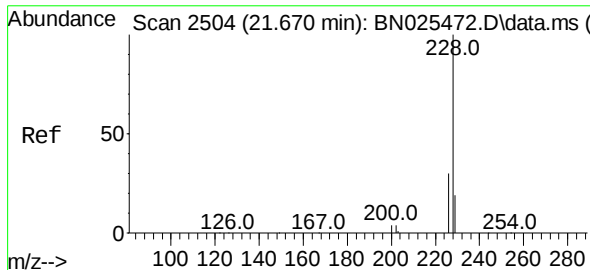
Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

229 20.2 15.8 23.8

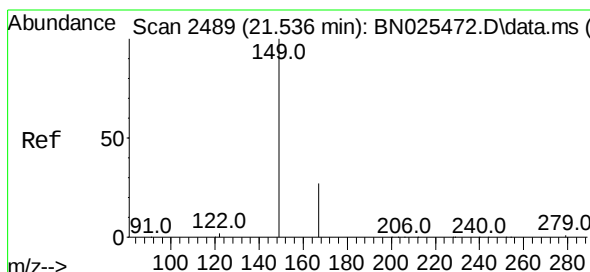
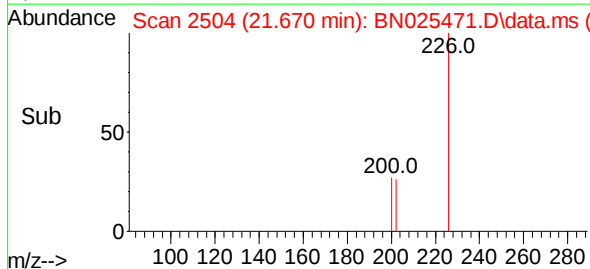
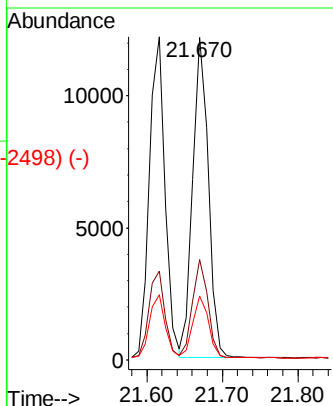
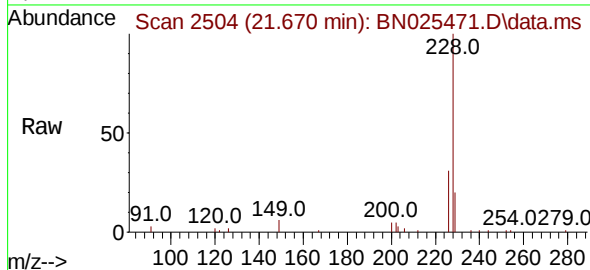




Scan 2504 (21.670 min): BN025472.D\data.ms (-2504) (-)
 Chrysene
 Concen: 0.185 ng
 RT: 21.670 min Scan# 2504
 Delta R.T. -0.000 min
 Lab File: BN025471.D
 Acq: 18 May 2023 12:12

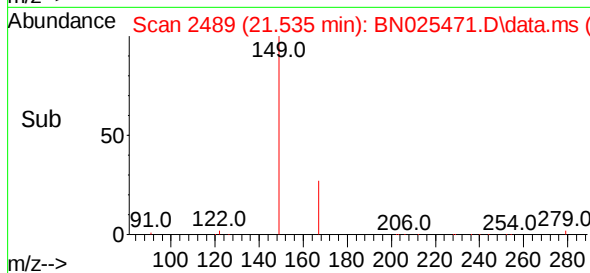
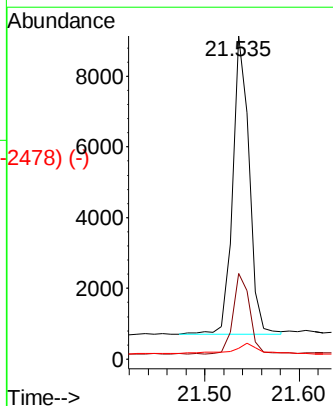
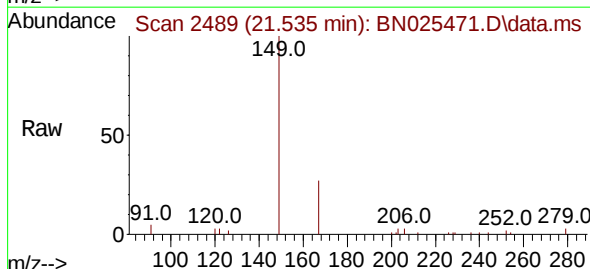
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Tgt Ion:	228	Resp:	17300
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.3	36.5
229	19.8	15.4	23.2



Scan 2489 (21.535 min): BN025472.D\data.ms (-2489) (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 0.186 ng
 RT: 21.535 min Scan# 2489
 Delta R.T. -0.000 min
 Lab File: BN025471.D
 Acq: 18 May 2023 12:12

Tgt Ion:	149	Resp:	10359
Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.0	33.0
279	5.0	2.6	3.8#



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

Perylene-d12

Concen: 0.400 ng

RT: 24.158 min Scan# 1

Delta R.T. 0.014 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

Tgt Ion:264 Resp: 24914

Ion Ratio Lower Upper

264 100

260 26.7 21.2 31.8

265 33.2 27.1 40.7

Abundance Scan 3186 (24.158 min): BN025471.D\data.ms

Ref 50

264.0

Raw 50

125.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 3186 (24.158 min): BN025471.D\data.ms (-3130) (-)

Sub 50

264.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

10000

8000

6000

4000

2000

0

Time-->

24.10 24.20

Abundance Scan 4079 (26.769 min): BN025472.D\data.ms (-4048) (-)

Indeno(1,2,3-cd)pyrene

Concen: 0.181 ng

RT: 26.807 min Scan# 4092

Delta R.T. 0.038 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

Tgt Ion:276 Resp: 18268

Ion Ratio Lower Upper

276 100

138 27.9 21.8 32.6

277 25.1 19.7 29.5

Abundance Scan 4092 (26.807 min): BN025471.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): BN025471.D\data.ms (-4045) (-)

Sub 50

276.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

4000

3000

2000

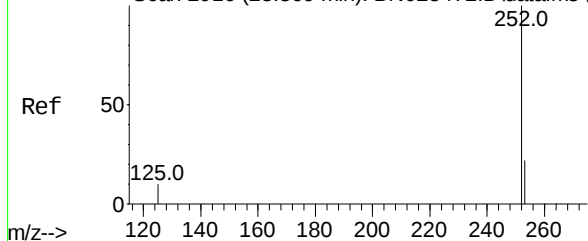
1000

0

Time-->

26.80

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



Benzo(b)fluoranthene

Concen: 0.188 ng

RT: 23.436 min Scan# 2939

Delta R.T. 0.067 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

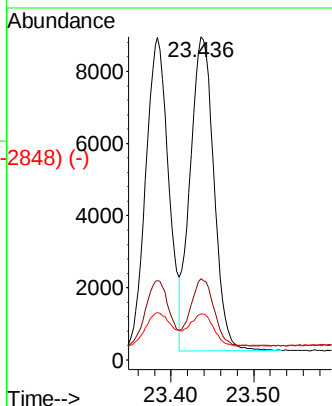
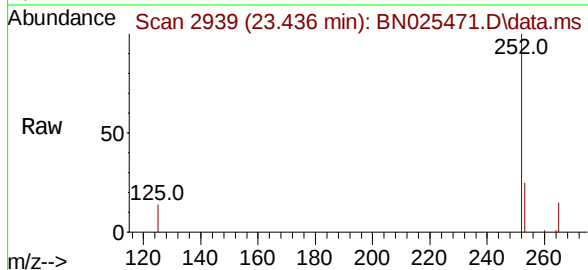
Tgt Ion:252 Resp: 17375

Ion Ratio Lower Upper

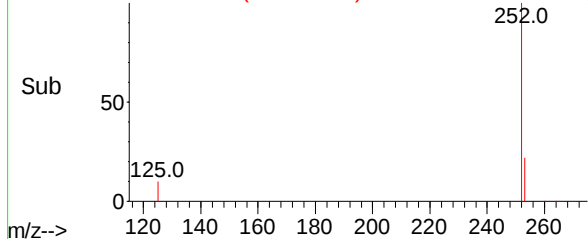
252 100

253 25.1 18.8 28.2

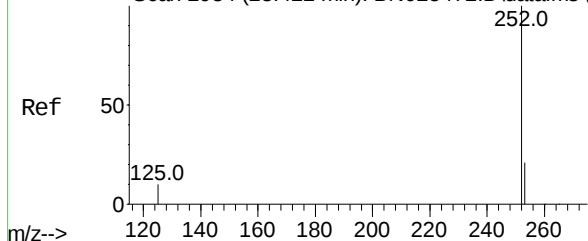
125 14.2 9.6 14.4



Abundance Scan 2939 (23.436 min): BN025471.D\data.ms (-2848) (-)



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



Benzo(k)fluoranthene

Concen: 0.183 ng

RT: 23.436 min Scan# 2939

Delta R.T. 0.014 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

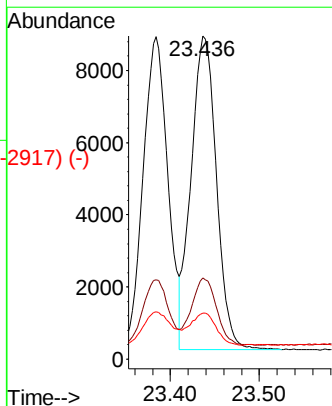
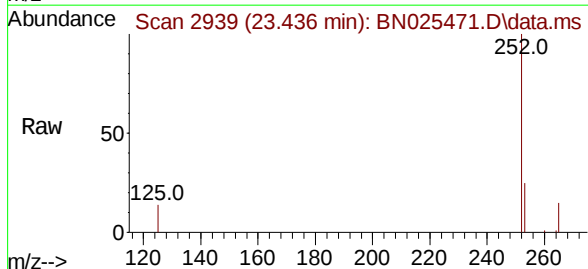
Tgt Ion:252 Resp: 17237

Ion Ratio Lower Upper

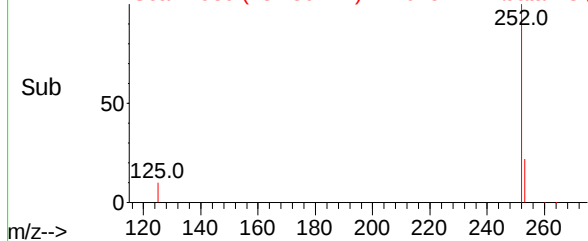
252 100

253 25.1 18.4 27.6

125 14.2 9.8 14.8



Abundance Scan 2939 (23.436 min): BN025471.D\data.ms (-2917) (-)



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

Benzo(a)pyrene

Concen: 0.182 ng

RT: 24.039 min Scan# 4129

Delta R.T. 0.012 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

Tgt Ion:252 Resp: 15836

Ion Ratio Lower Upper

252 100

253 26.2 18.6 28.0

125 16.8 11.0 16.6#

Abundance Scan 3145 (24.039 min): BN025471.D\data.ms

Ref 50

125.0

252.0

Raw 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 3145 (24.039 min): BN025471.D\data.ms (-3073) (-)

Ref 50

125.0

252.0

Sub 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

24.039

6000

4000

2000

0

Time-->

24.00 24.10

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

Dibenzo(a,h)anthracene

Concen: 0.182 ng

RT: 26.839 min Scan# 4103

Delta R.T. 0.044 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

Tgt Ion:278 Resp: 14667

Ion Ratio Lower Upper

278 100

139 22.8 15.0 22.6#

279 28.3 20.5 30.7

Abundance Scan 4103 (26.839 min): BN025471.D\data.ms

Ref 50

138.0

278.0

Raw 50

138.0

278.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 4103 (26.839 min): BN025471.D\data.ms (-4054) (-)

Ref 50

138.0

278.0

Sub 50

138.0

278.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

26.839

3000

2000

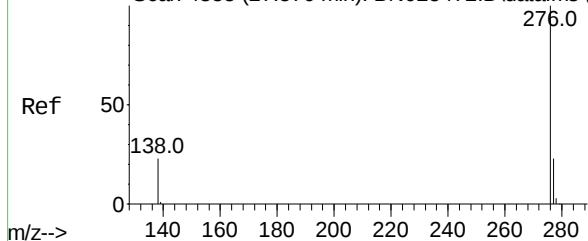
1000

0

Time-->

26.80 27.00

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



Benzo(g,h,i)perylene

Concen: 0.183 ng

RT: 27.623 min Scan# 4371

Delta R.T. 0.047 min

Lab File: BN025471.D

Acq: 18 May 2023 12:12

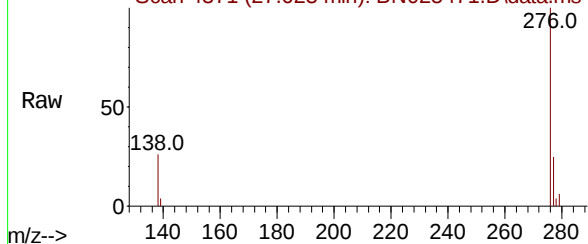
Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

Abundance Scan 4371 (27.623 min): BN025471.D\data.ms



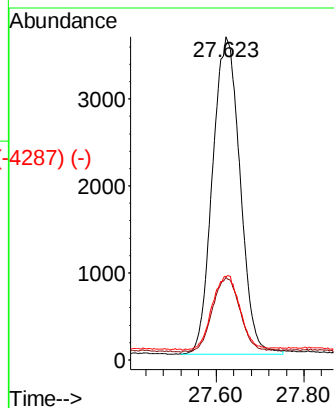
Tgt Ion:276 Resp: 15596

Ion Ratio Lower Upper

276 100

277 25.5 19.2 28.8

138 25.8 19.2 28.8



Abundance Scan 4371 (27.623 min): BN025471.D\data.ms (-4287) (-)

